

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000621.D
 Acq On : 26 Mar 2018 15:54
 Operator : JU/SJ
 Sample : J1986-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.555	690	700	707	rBV	298306	562632	16.11%	0.773%
2	7.713	721	727	734	rVV	268991	429377	12.29%	0.590%
3	7.937	758	765	771	rVB	314599	514097	14.72%	0.706%
4	8.002	771	776	780	rVB	126582	175269	5.02%	0.241%
5	8.413	841	846	860	rVB	367137	637241	18.24%	0.875%
6	8.978	935	942	949	rVB3	54802	140109	4.01%	0.192%
7	9.049	949	954	960	rBV2	87430	144811	4.15%	0.199%
8	9.119	960	966	972	rBV	371111	639918	18.32%	0.879%
9	9.596	1040	1047	1049	rVV	316168	545131	15.61%	0.749%
10	9.625	1049	1052	1058	rVB	441922	637756	18.26%	0.876%
11	9.772	1064	1077	1084	rVB8	54625	163477	4.68%	0.224%
12	9.878	1084	1095	1102	rBV5	53564	156407	4.48%	0.215%
13	10.325	1165	1171	1182	rVB3	270013	595817	17.06%	0.818%
14	10.419	1182	1187	1191	rBV2	93309	166533	4.77%	0.229%
15	10.549	1204	1209	1218	rBV4	64435	142152	4.07%	0.195%
16	10.631	1218	1223	1229	rVV3	163999	281204	8.05%	0.386%
17	10.866	1258	1263	1270	rVV	385555	669353	19.16%	0.919%
18	11.178	1310	1316	1323	rVV	803385	1363064	39.02%	1.872%
19	11.254	1323	1329	1334	rVV	531490	1010834	28.94%	1.388%
20	11.301	1334	1337	1342	rVV5	79914	148406	4.25%	0.204%
21	11.366	1342	1348	1355	rVB2	365623	669295	19.16%	0.919%
22	11.443	1355	1361	1366	rBV4	84642	189152	5.42%	0.260%
23	11.719	1402	1408	1413	rVB3	106453	189848	5.44%	0.261%
24	11.925	1435	1443	1447	rBV4	182456	379090	10.85%	0.521%
25	12.043	1459	1463	1471	rVB5	75548	149987	4.29%	0.206%
26	12.113	1471	1475	1480	rBV	145456	252033	7.22%	0.346%
27	12.219	1486	1493	1497	rBV	428248	658749	18.86%	0.905%
28	12.272	1497	1502	1506	rVV3	80808	132522	3.79%	0.182%
29	12.419	1522	1527	1532	rBV3	175917	282897	8.10%	0.388%
30	12.496	1532	1540	1545	rBV5	101833	211148	6.05%	0.290%
31	12.607	1553	1559	1567	rBV	1152510	1721369	49.28%	2.364%
32	12.825	1589	1596	1601	rVB3	142635	303409	8.69%	0.417%
33	12.884	1601	1606	1612	rVB	230142	330164	9.45%	0.453%
34	13.043	1624	1633	1635	rBV8	51340	158291	4.53%	0.217%

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35	13.119	1640	1646	1651	rVB2	117856	275175	7.88%	0.378%
36	13.231	1660	1665	1668	rBV3	117557	202727	5.80%	0.278%
37	13.331	1680	1682	1686	rVB2	114011	120931	3.46%	0.166%
38	13.401	1686	1694	1702	rBV2	210273	408900	11.71%	0.561%
39	13.490	1704	1709	1713	rVB	175670	234131	6.70%	0.321%
40	13.543	1713	1718	1723	rBV	586126	871816	24.96%	1.197%
41	13.825	1760	1766	1772	rBV	1701671	2504061	71.69%	3.438%
42	13.978	1789	1792	1797	rVB5	106431	156569	4.48%	0.215%
43	14.066	1803	1807	1814	rVB3	127546	198470	5.68%	0.273%
44	14.213	1825	1832	1837	rVB3	205553	483530	13.84%	0.664%
45	14.348	1850	1855	1859	rBV4	293160	513754	14.71%	0.705%
46	14.419	1859	1867	1870	rVV2	822961	1409670	40.36%	1.936%
47	14.472	1870	1876	1880	rVV4	857934	1483221	42.46%	2.037%
48	14.513	1880	1883	1890	rVB3	272417	470481	13.47%	0.646%
49	14.590	1891	1896	1900	rBV2	324505	455426	13.04%	0.625%
50	14.678	1908	1911	1914	rVB2	153353	181800	5.20%	0.250%
51	14.731	1914	1920	1925	rBV	827971	1417228	40.58%	1.946%
52	14.884	1941	1946	1954	rVB	2200158	2932858	83.97%	4.027%
53	14.960	1955	1959	1961	rBV3	124186	198842	5.69%	0.273%
54	14.995	1962	1965	1967	rVV2	148198	226986	6.50%	0.312%
55	15.031	1967	1971	1978	rVB2	669801	1101824	31.55%	1.513%
56	15.225	1999	2004	2013	rBV2	411283	813149	23.28%	1.117%
57	15.319	2016	2020	2022	rBV3	139413	212803	6.09%	0.292%
58	15.378	2026	2030	2033	rBV	227382	337088	9.65%	0.463%
59	15.489	2044	2049	2058	rBV4	594864	1158384	33.16%	1.591%
60	15.560	2058	2061	2065	rVB2	215827	280166	8.02%	0.385%
61	15.637	2070	2074	2078	rBV2	176493	269894	7.73%	0.371%
62	15.689	2080	2083	2086	rBV2	149820	197751	5.66%	0.272%
63	15.825	2096	2106	2111	rBV	2417328	3492822	100.00%	4.796%
64	15.878	2112	2115	2120	rVB3	145557	213787	6.12%	0.294%
65	15.931	2121	2124	2129	rBV4	107758	179811	5.15%	0.247%
66	16.013	2134	2138	2143	rBV	1024316	1593455	45.62%	2.188%
67	16.054	2143	2145	2149	rVB2	184102	223698	6.40%	0.307%
68	16.137	2156	2159	2166	rVB	249500	351332	10.06%	0.482%
69	16.225	2167	2174	2178	rBV	1008583	1728914	49.50%	2.374%
70	16.266	2178	2181	2186	rVB3	198148	260090	7.45%	0.357%
71	16.325	2187	2191	2195	rBV3	211666	308699	8.84%	0.424%

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72	16.372	2196	2199	2202	rBV2	212244	248323	7.11%	0.341%
73	16.442	2208	2211	2218	rVB3	313628	474631	13.59%	0.652%
74	16.678	2246	2251	2254	rBV	2250775	3444673	98.62%	4.730%
75	17.013	2305	2308	2312	rBV	195875	300280	8.60%	0.412%
76	17.078	2316	2319	2323	rVB	291074	375292	10.74%	0.515%
77	17.178	2333	2336	2343	rVB2	241181	359282	10.29%	0.493%
78	17.242	2344	2347	2351	rBV2	186356	299856	8.58%	0.412%
79	17.466	2380	2385	2389	rBV	1957187	2353789	67.39%	3.232%
80	17.513	2389	2393	2398	rVB	1149321	1614496	46.22%	2.217%
81	17.760	2430	2435	2440	rBV	1008830	1476269	42.27%	2.027%
82	17.860	2446	2452	2460	rVB2	1048152	1622974	46.47%	2.228%
83	17.931	2461	2464	2471	rVB3	201834	320600	9.18%	0.440%
84	18.001	2472	2476	2482	rBV3	151338	312971	8.96%	0.430%
85	18.113	2492	2495	2501	rVV	233203	321938	9.22%	0.442%
86	18.195	2505	2509	2518	rVB	1764198	2233242	63.94%	3.066%
87	18.472	2553	2556	2561	rBV4	122388	217756	6.23%	0.299%
88	18.631	2580	2583	2587	rBV3	120218	161050	4.61%	0.221%
89	18.730	2597	2600	2605	rVB	153060	202111	5.79%	0.278%
90	18.878	2621	2625	2629	rVB	1471550	1764452	50.52%	2.423%
91	19.325	2697	2701	2708	rBV2	252203	388015	11.11%	0.533%
92	19.495	2725	2730	2738	rBV	1356303	1696609	48.57%	2.330%
93	20.060	2822	2826	2830	rVB	1053771	1197528	34.29%	1.644%
94	20.113	2830	2835	2845	rBV	1386762	2028069	58.06%	2.785%
95	20.583	2911	2915	2920	rBV	627400	755059	21.62%	1.037%
96	21.072	2995	2998	3002	rBV	310682	330490	9.46%	0.454%
97	21.530	3073	3076	3081	rBV	234992	292697	8.38%	0.402%
98	21.883	3131	3136	3149	rVB	1254607	1857910	53.19%	2.551%
99	24.207	3525	3531	3544	rVB2	984350	2076735	59.46%	2.852%
100	24.365	3552	3558	3566	rVB2	919298	1879510	53.81%	2.581%

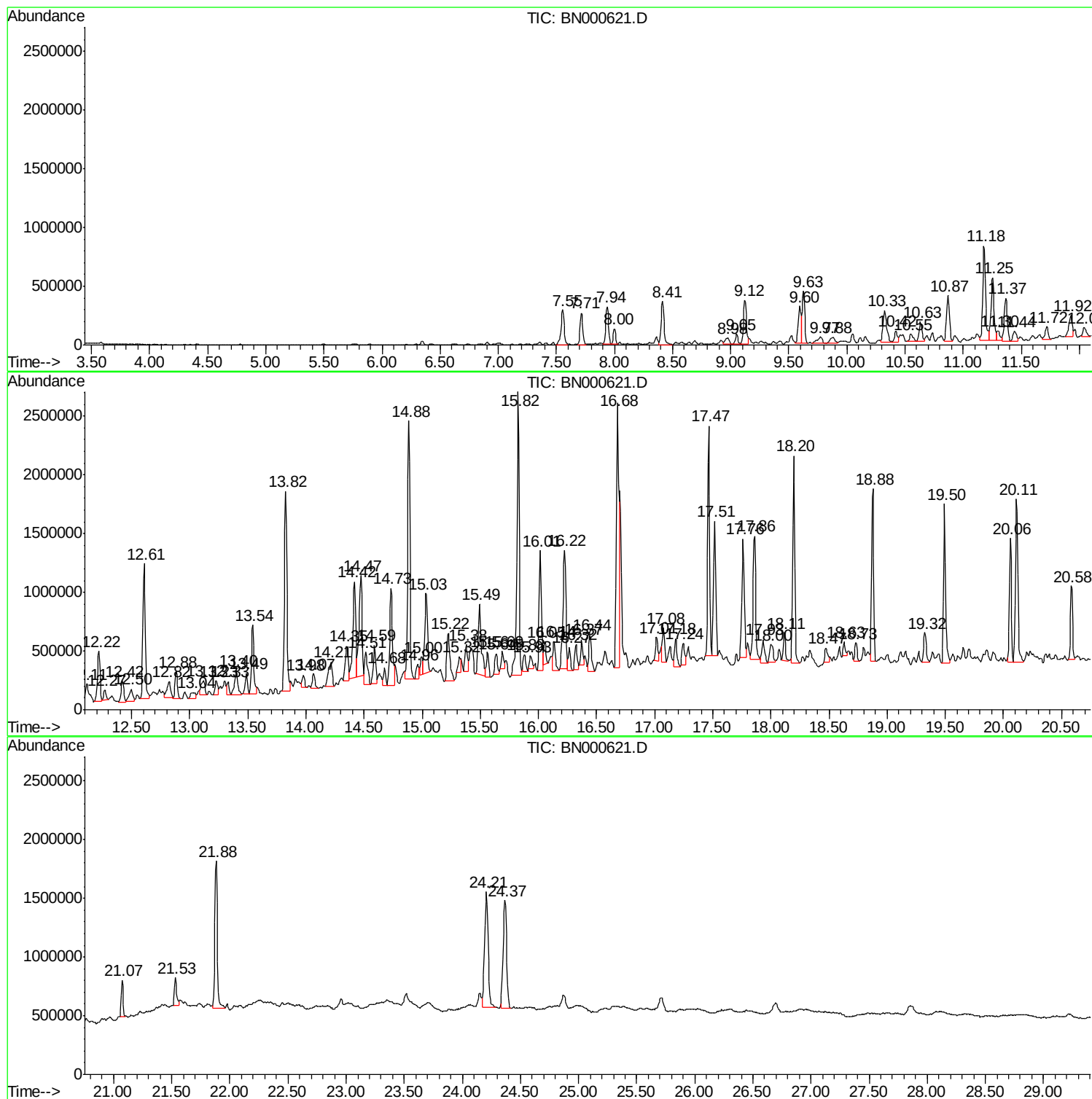
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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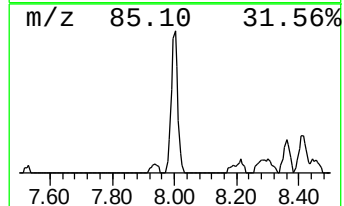
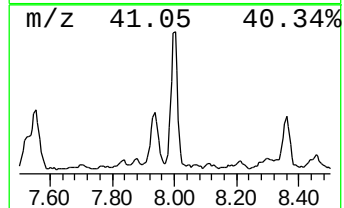
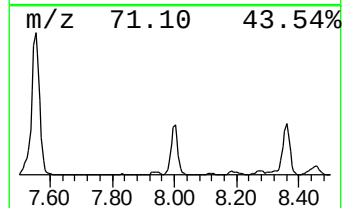
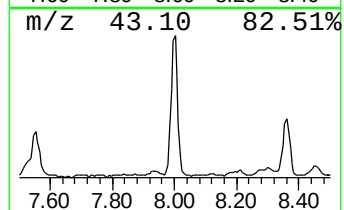
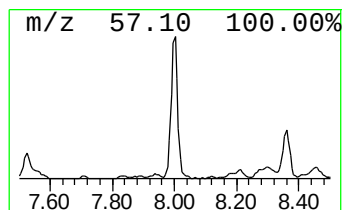
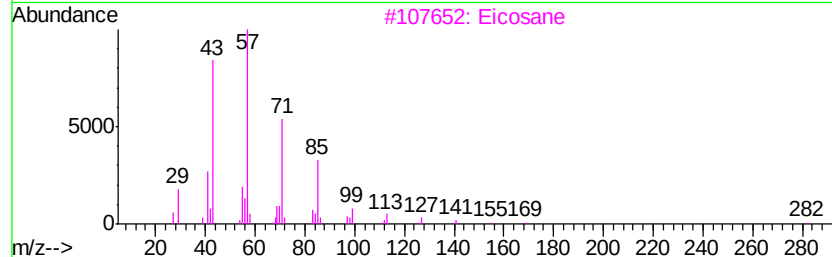
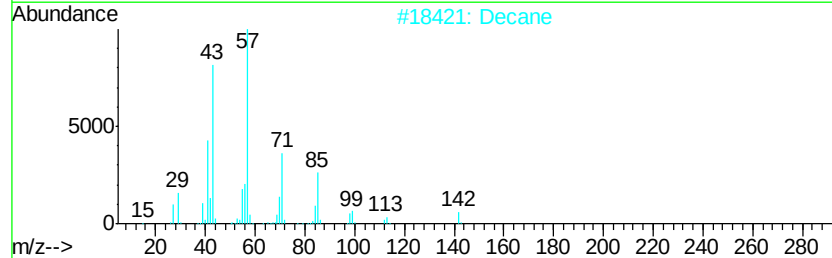
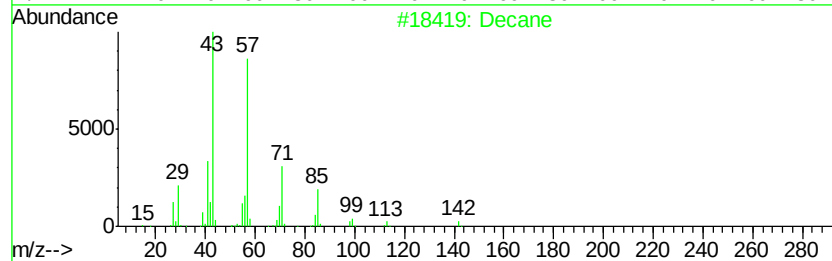
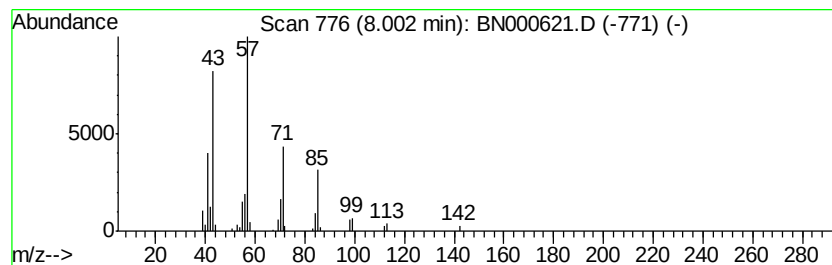
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	5.50 ng/ul	175269	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	94
2	Decane			142	C10H22	000124-18-5	90
3	Eicosane			282	C20H42	000112-95-8	86
4	Hexadecane			226	C16H34	000544-76-3	83
5	Pentadecane			212	C15H32	000629-62-9	78



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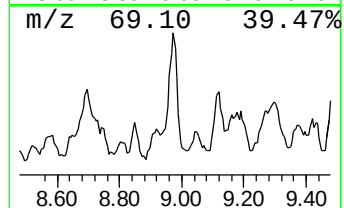
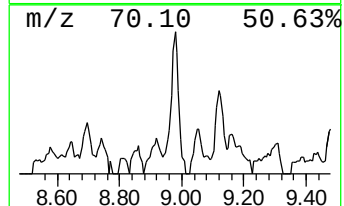
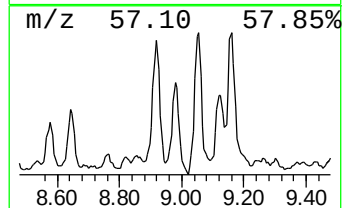
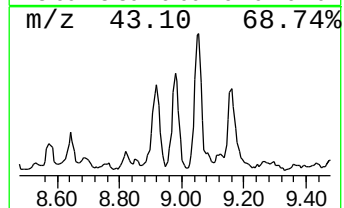
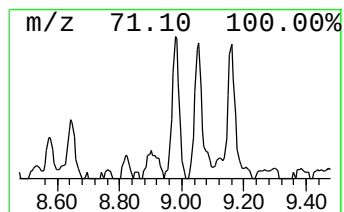
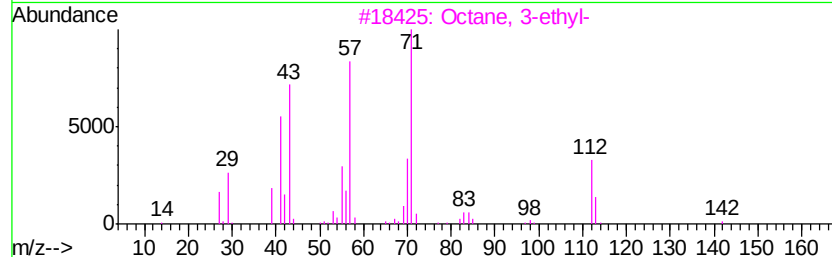
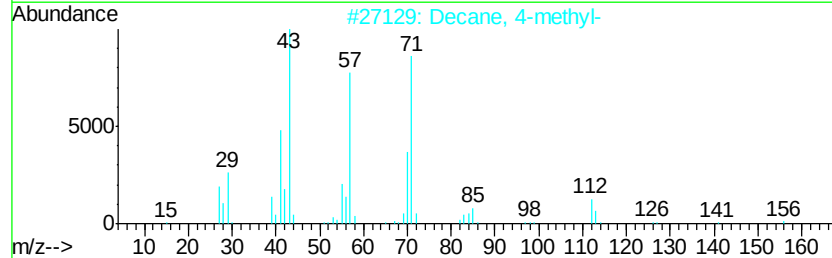
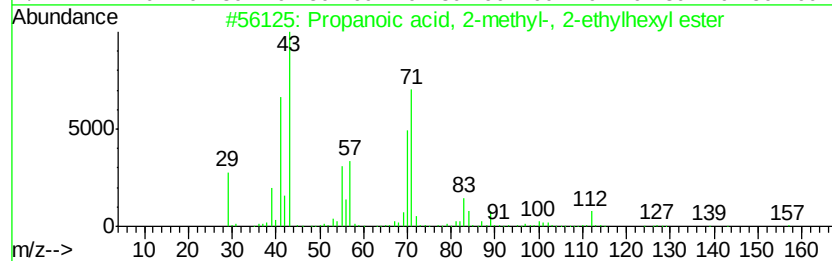
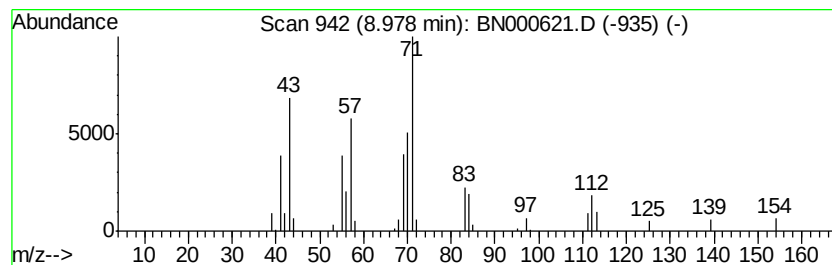
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.98	4.40 ng/ul	140109	1,4-Dichlorobenzene-d4	8.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	59
2		Decane, 4-methyl-	156	C11H24	002847-72-5	59
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	50
4		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
5		2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	43



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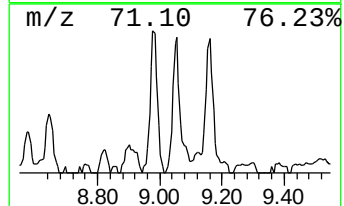
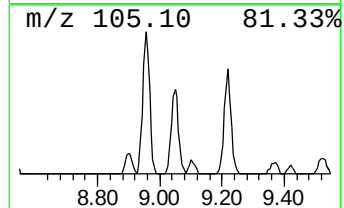
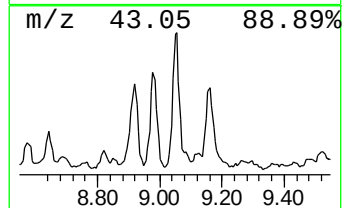
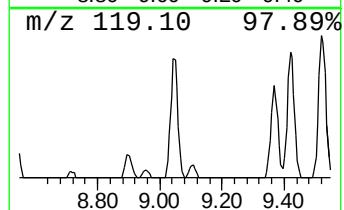
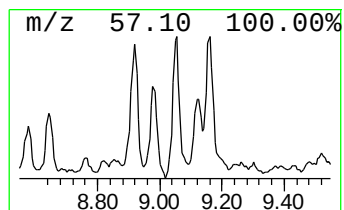
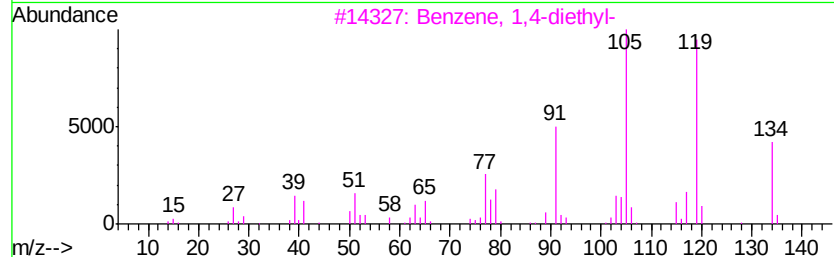
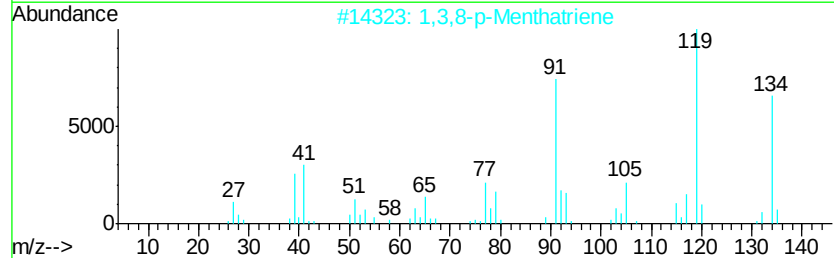
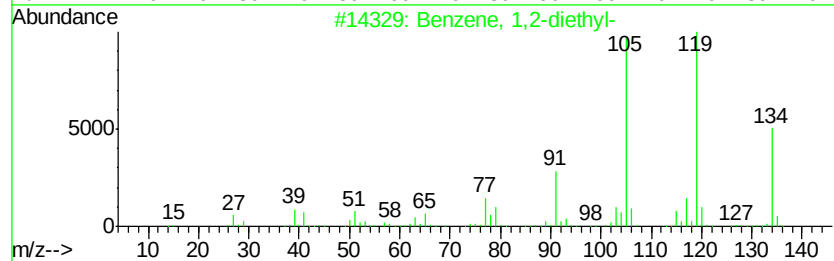
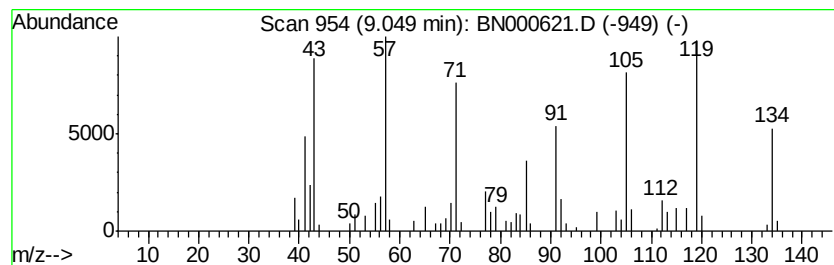
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.54 ng/ul	144811	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
2		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	64
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

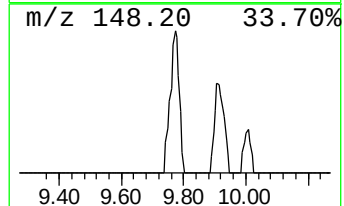
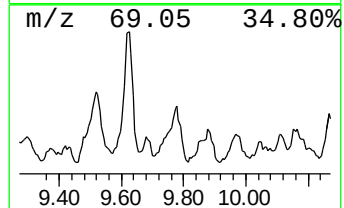
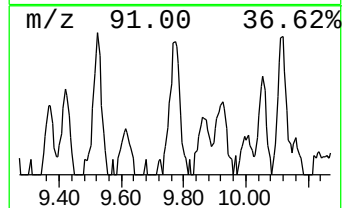
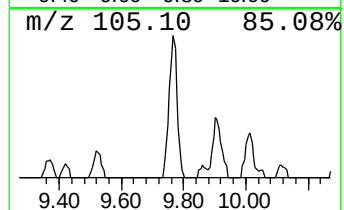
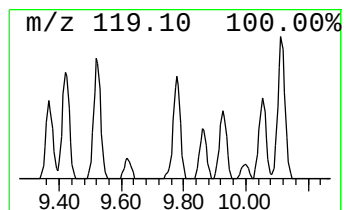
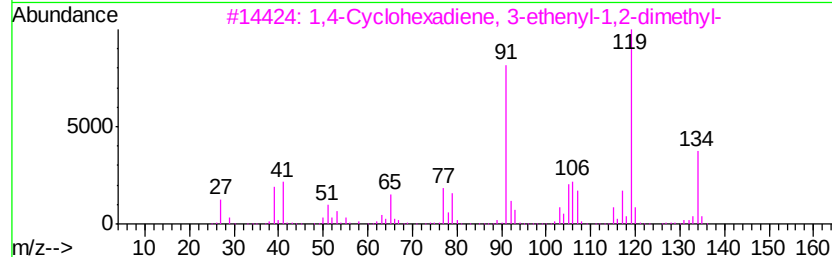
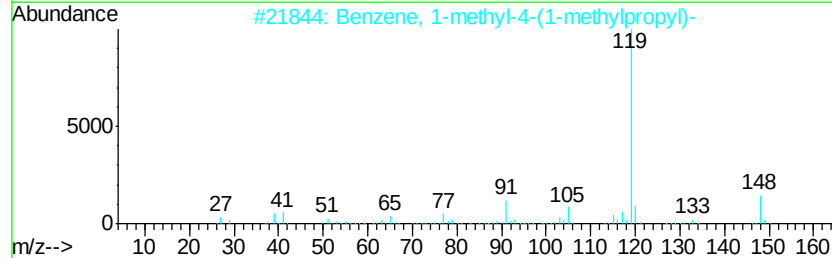
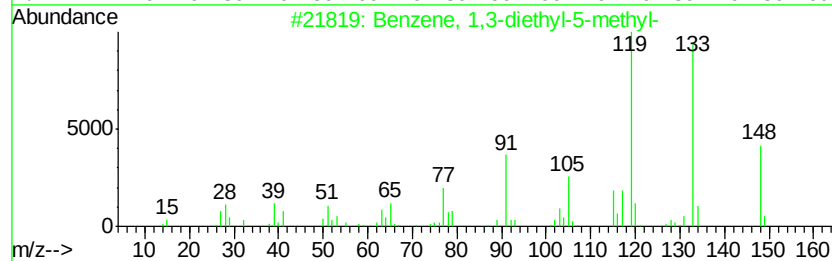
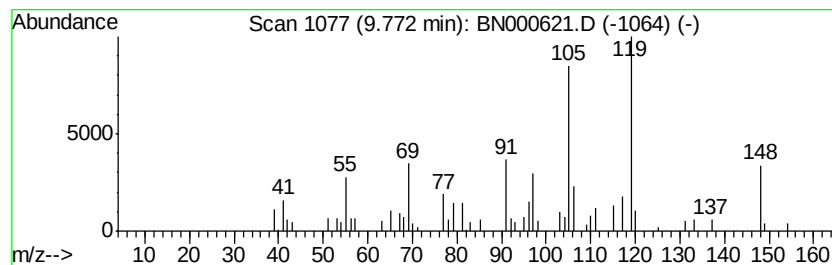
Instrument :
BNA_N
ClientSampleId :
BEEJ0

Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.77	5.13 ng/ul	163477	1,4-Dichlorobenzene-d4	8.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
3	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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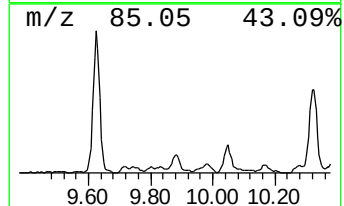
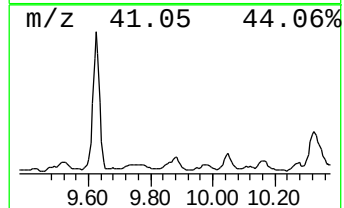
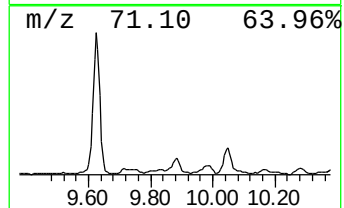
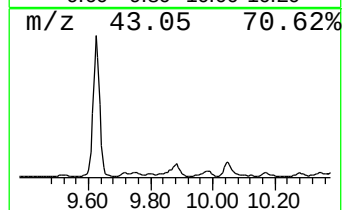
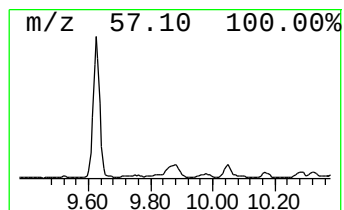
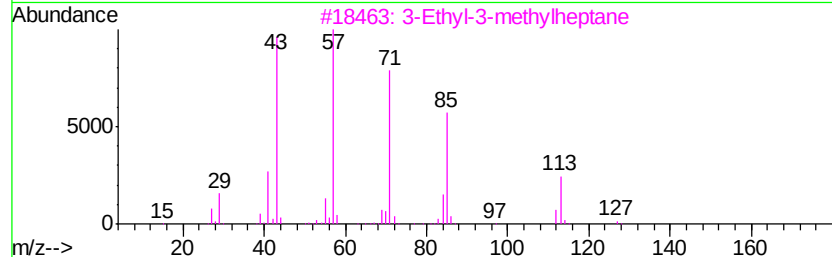
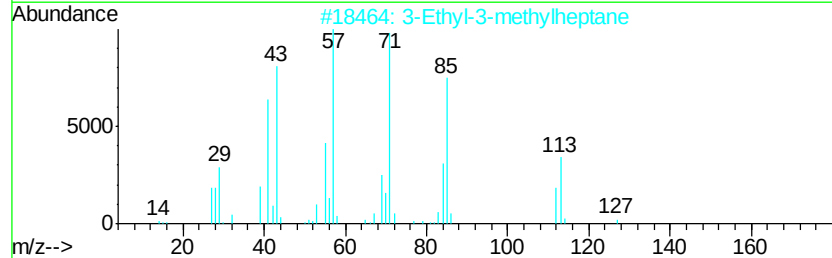
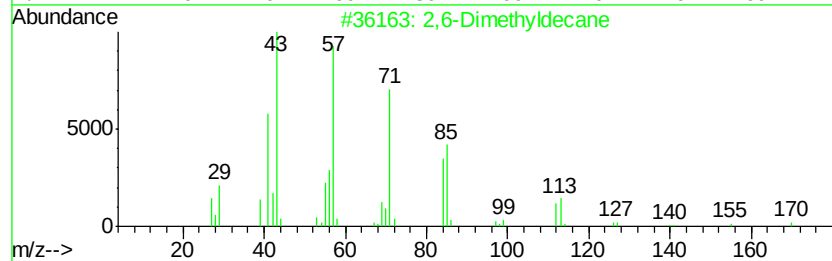
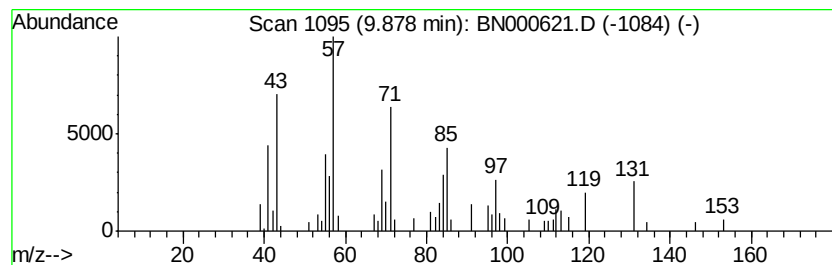
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	3.09 ng/ul	156407	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	47	
2	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38	
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38	
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	35	
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35	



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

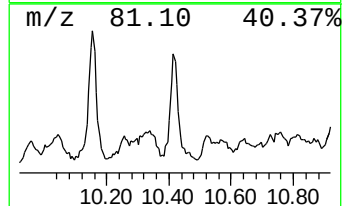
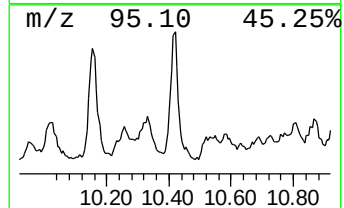
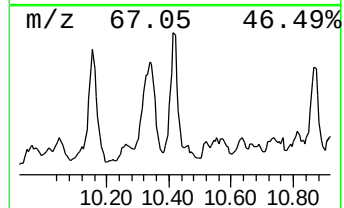
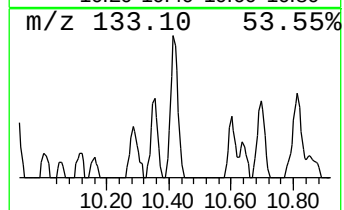
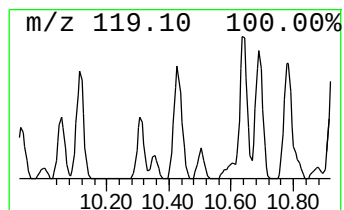
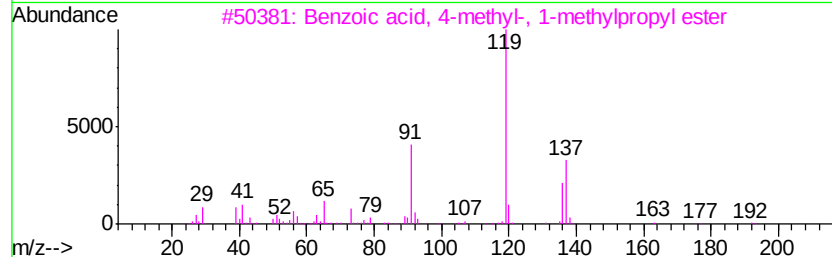
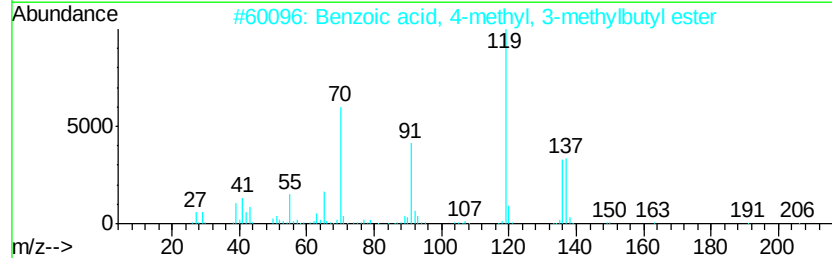
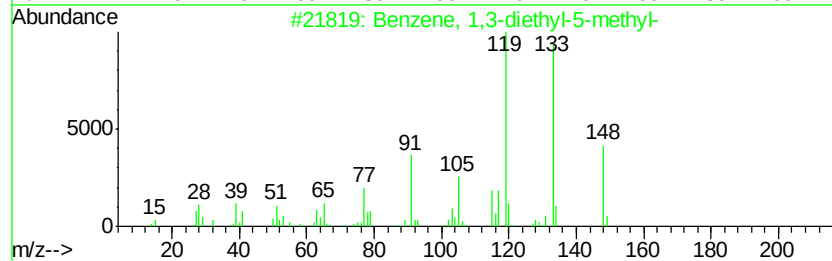
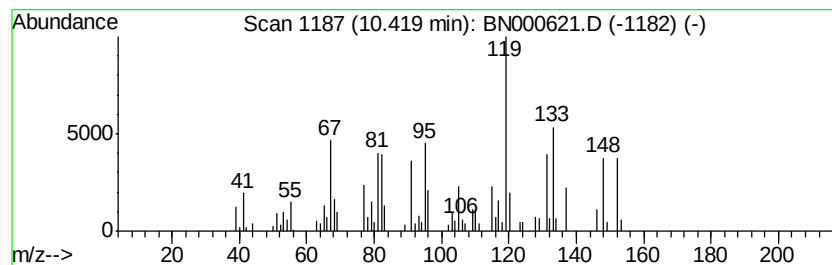
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.29 ng/ul	166533	Napthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 18
2		Benzoic acid, 4-methyl, 3-methyl...	206 C13H18O2	331810-91-4 14
3		Benzoic acid, 4-methyl-, 1-methyl...	192 C12H16O2	100556-51-2 14
4		Phenol, p-(2-methylallyl)-	148 C10H12O	033641-78-0 11
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 11



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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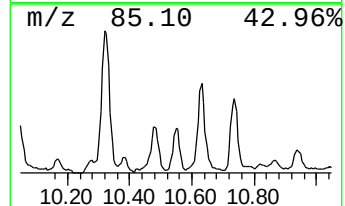
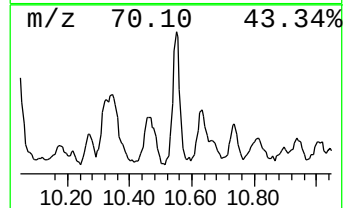
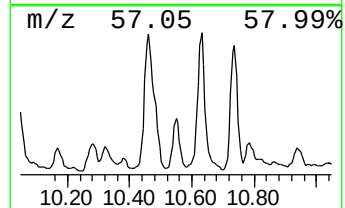
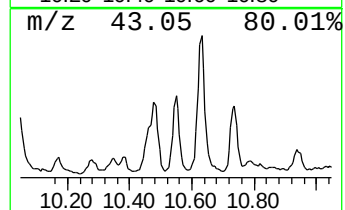
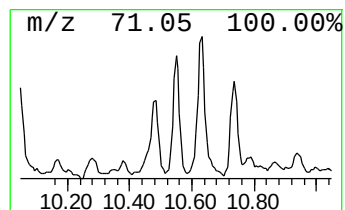
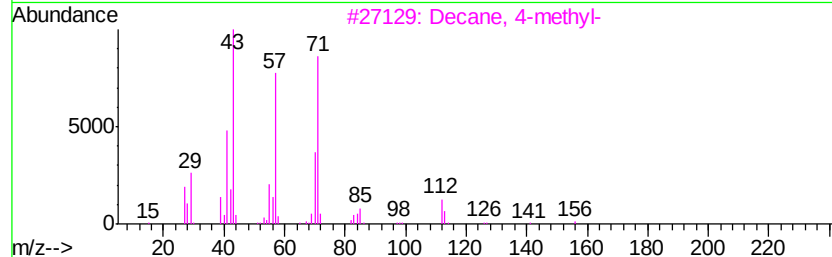
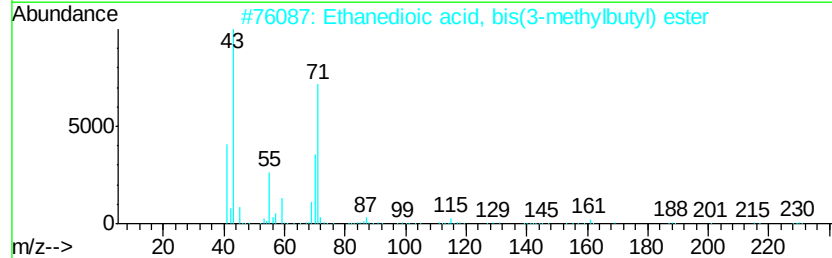
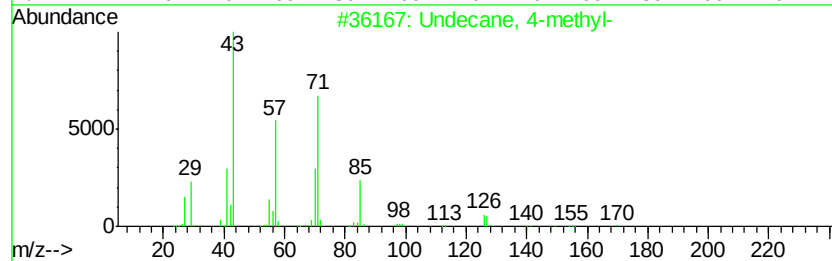
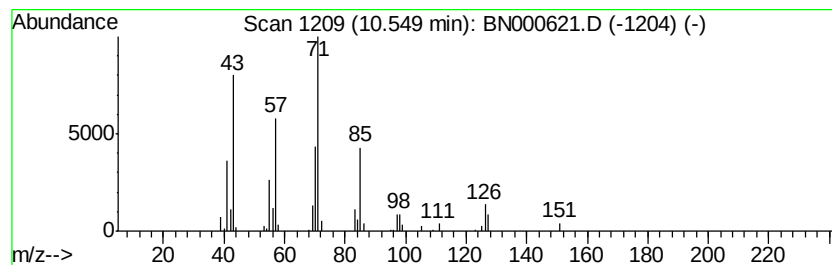
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.81 ng/ul	142152	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	78
2		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	47
3		Decane, 4-methyl-	156	C11H24	002847-72-5	47
4		Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	47
5		Decane, 4-methyl-	156	C11H24	002847-72-5	47



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

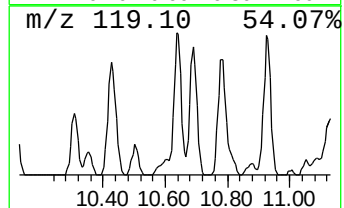
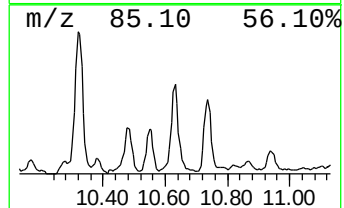
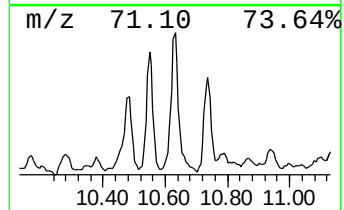
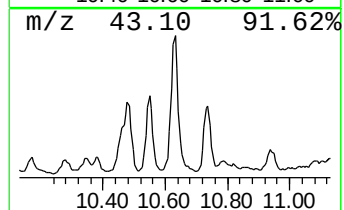
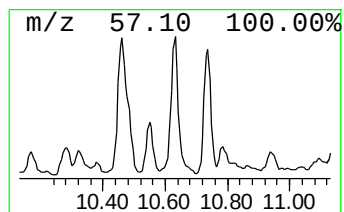
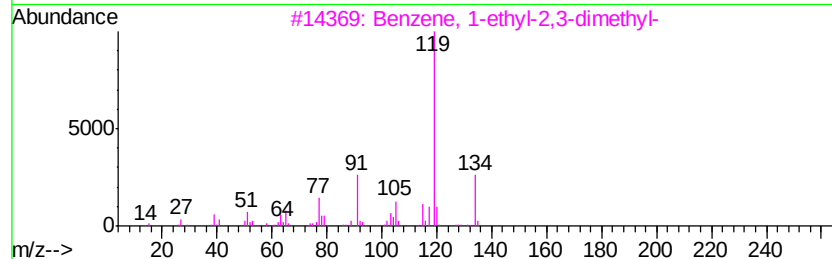
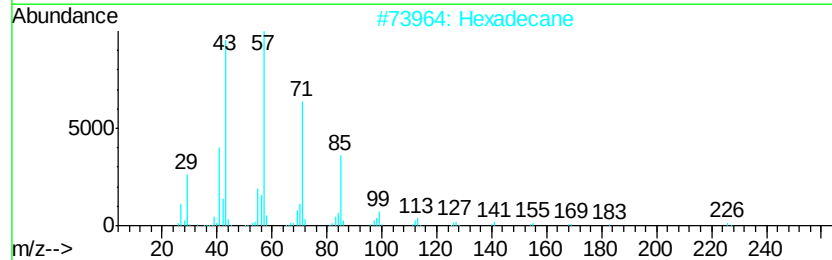
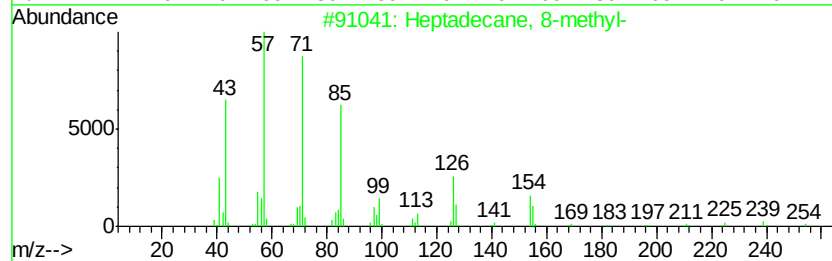
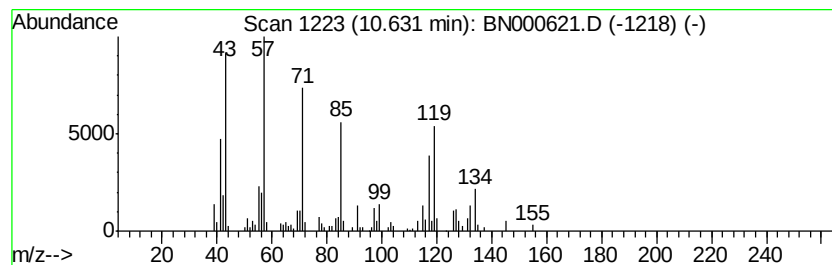
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.63	5.56 ng/ul	281204	Naphthalene-d8	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	46
2	Hexadecane	226	C16H34	000544-76-3	30
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	11
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	11
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	11



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
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Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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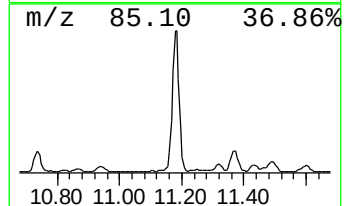
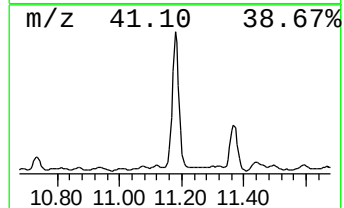
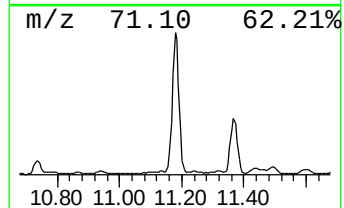
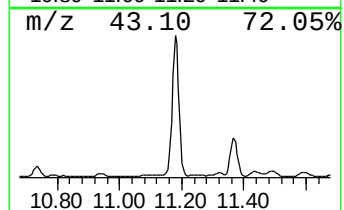
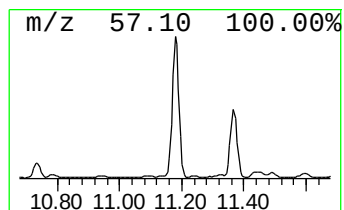
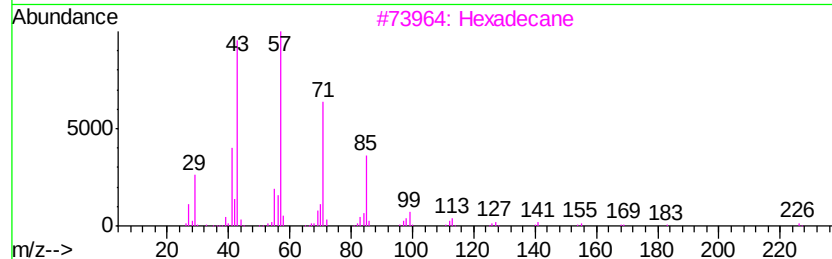
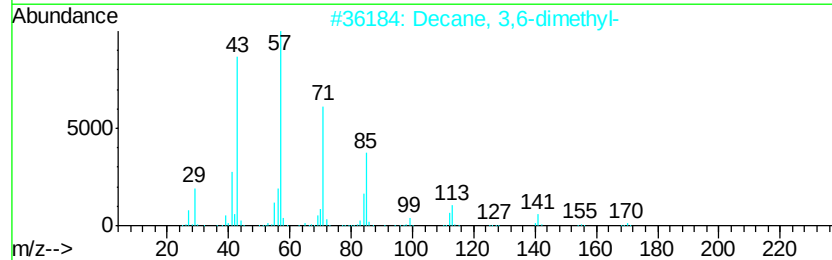
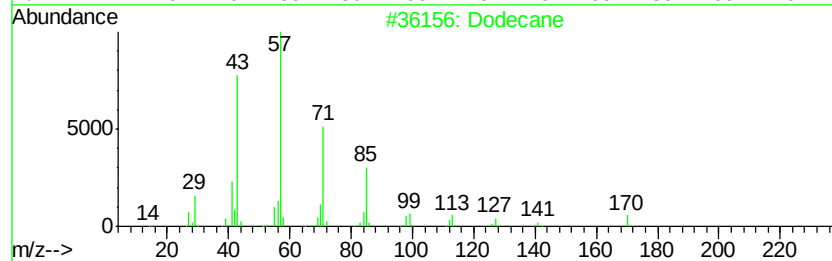
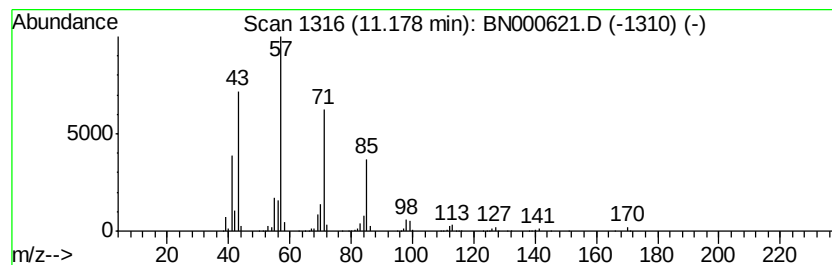
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	26.97 ng/ul	1363060	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	86
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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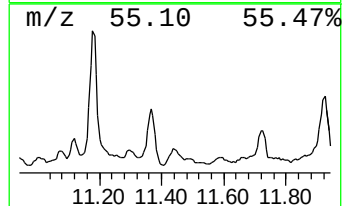
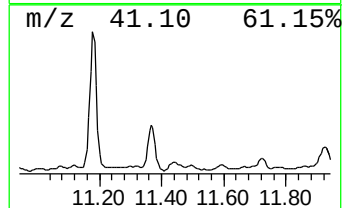
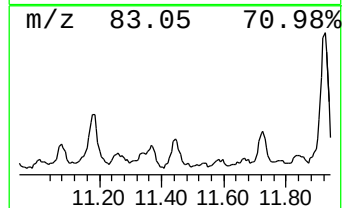
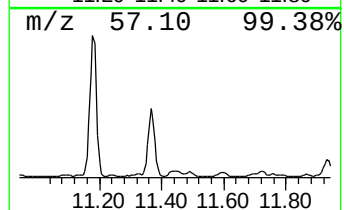
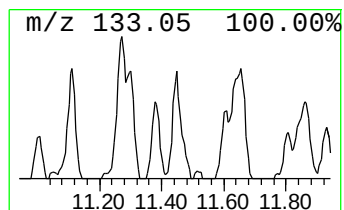
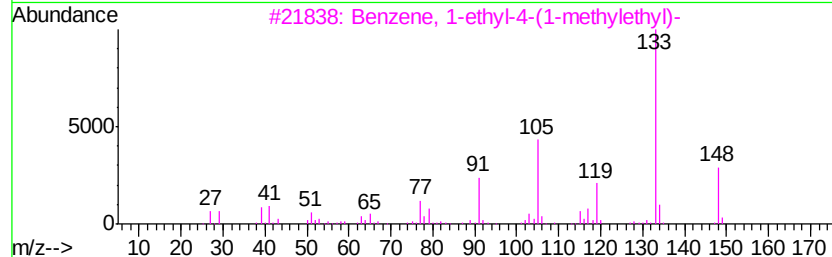
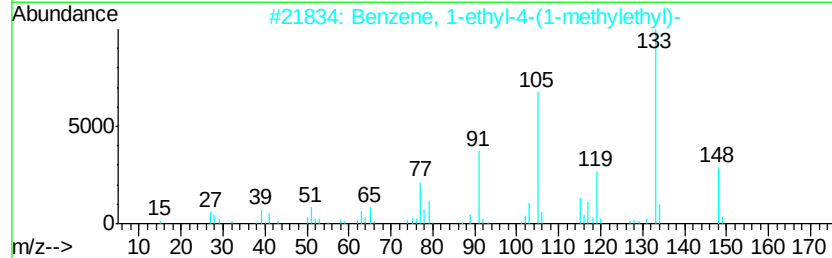
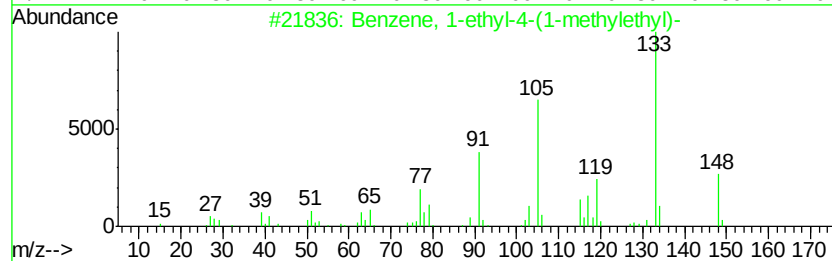
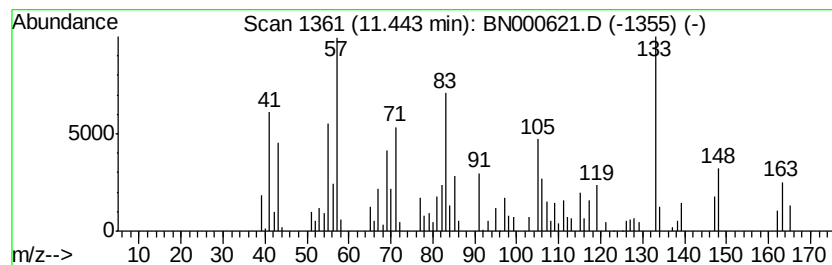
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-02 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.74 ng/ul	189152	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	41
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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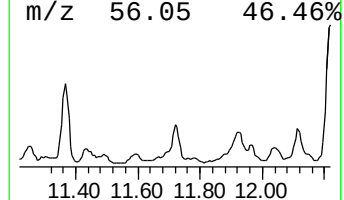
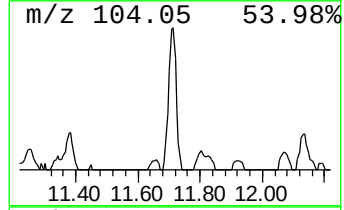
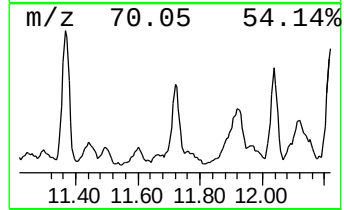
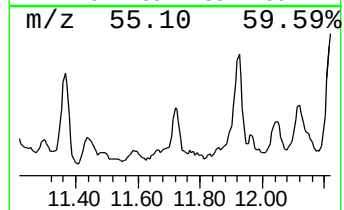
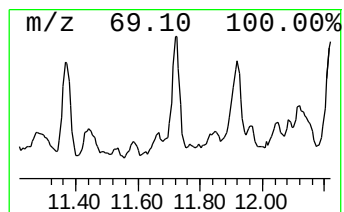
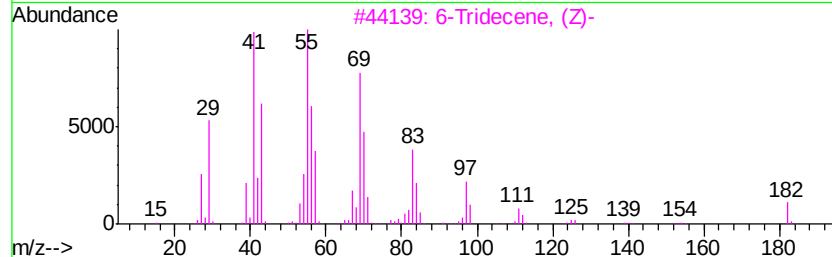
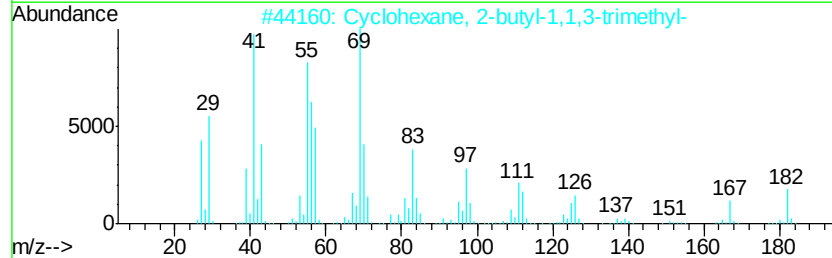
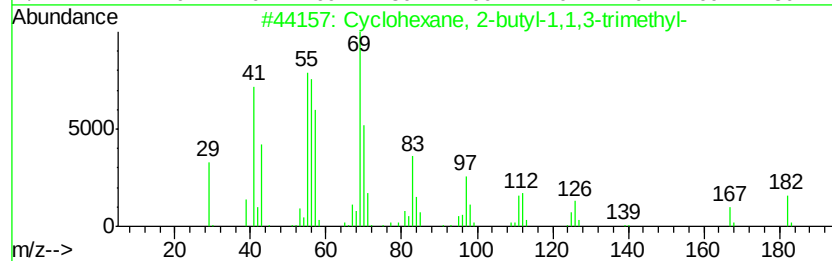
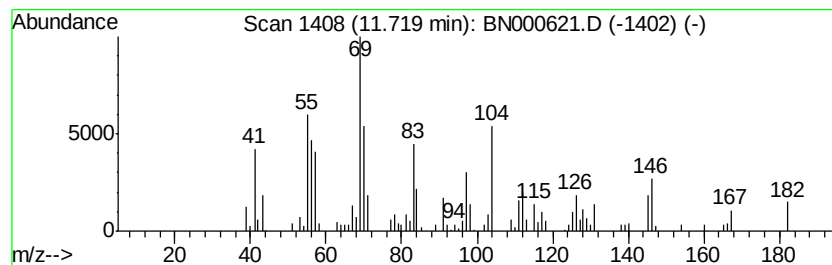
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic11.72 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.76 ng/ul	189848	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	60
3		6-Tridecene, (Z)-	182	C13H26	006508-77-6	58
4		1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	49
5		6-Tridecene, (E)-	182	C13H26	006434-76-0	49



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

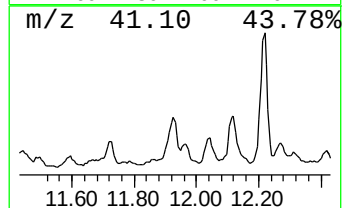
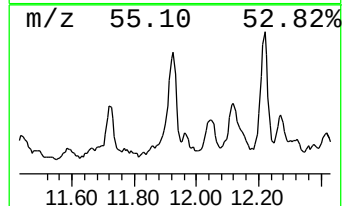
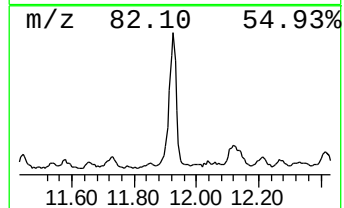
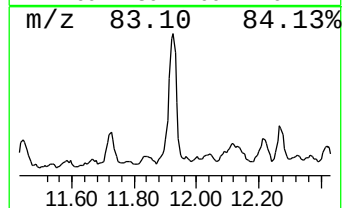
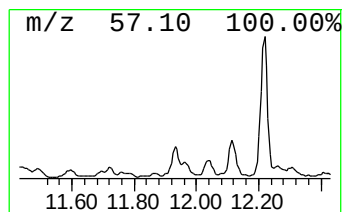
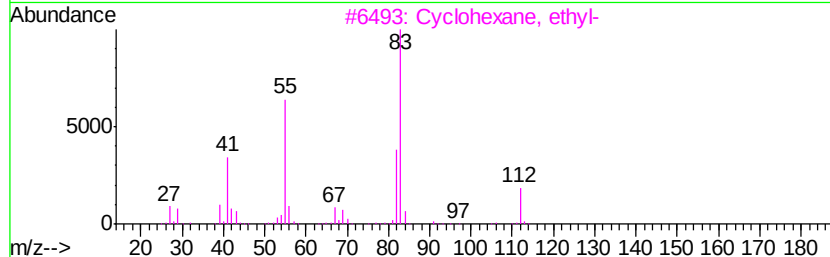
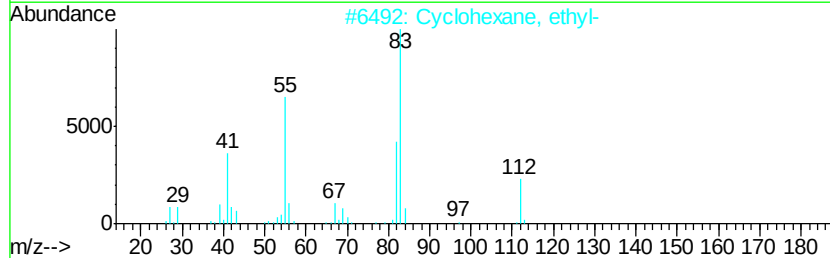
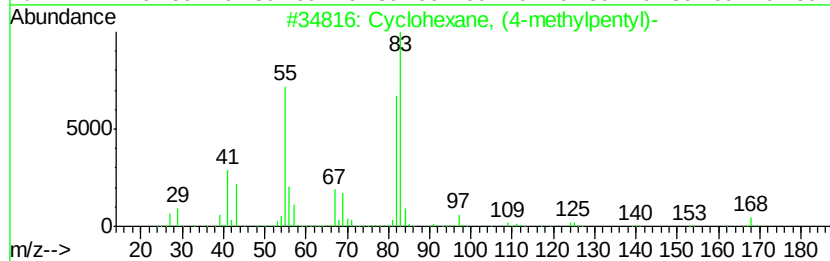
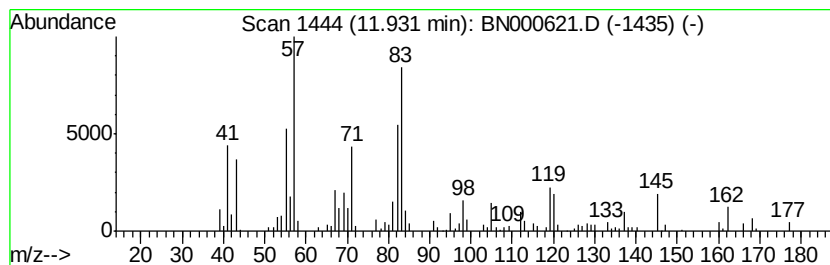
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic11.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.50 ng/ul	379090	Napthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 53
2		Cyclohexane, ethyl-	112 C8H16	001678-91-7 49
3		Cyclohexane, ethyl-	112 C8H16	001678-91-7 49
4		Cyclohexane, hexyl-	168 C12H24	004292-75-5 49
5		Cyclohexane, ethyl-	112 C8H16	001678-91-7 49



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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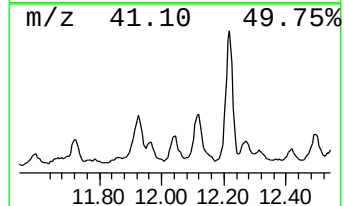
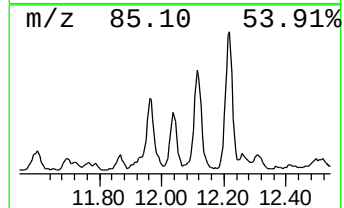
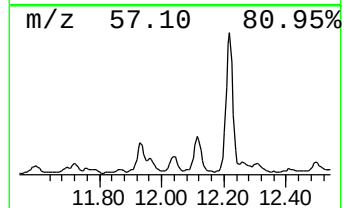
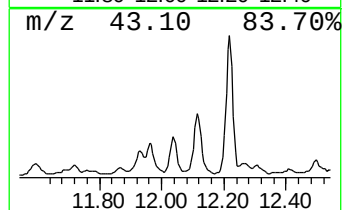
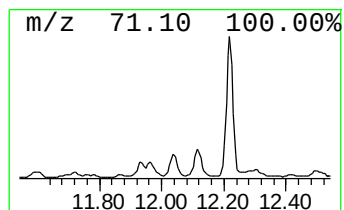
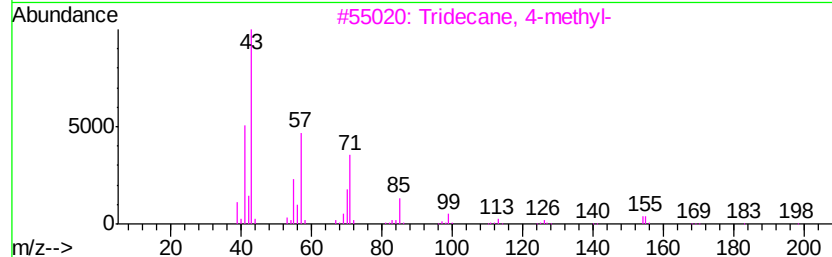
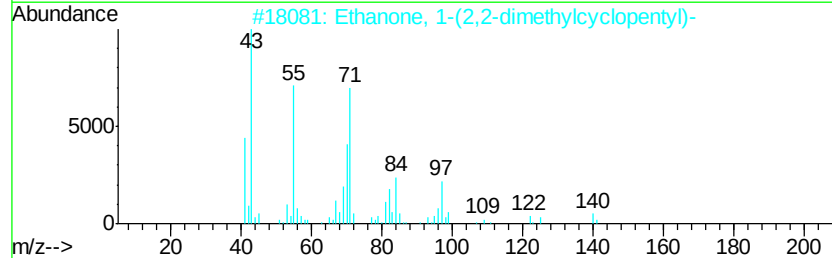
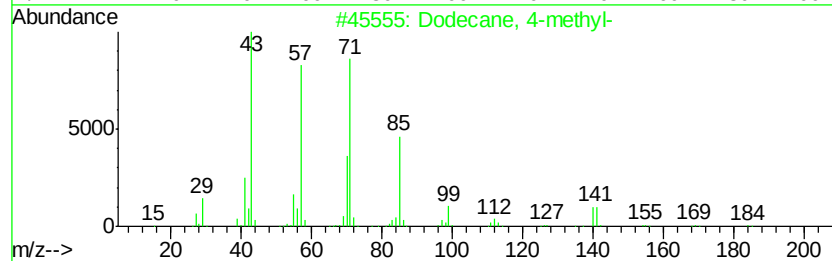
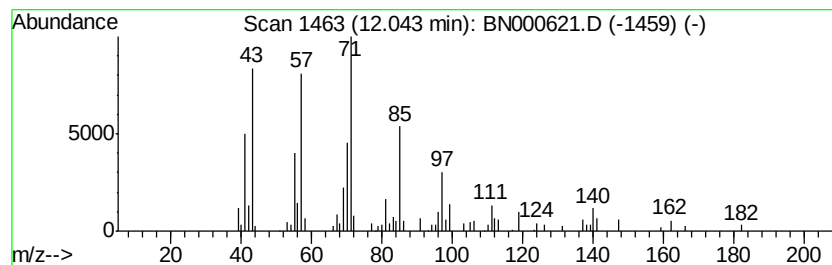
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.97 ng/ul	149987	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
2			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	62
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	58
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	53
5			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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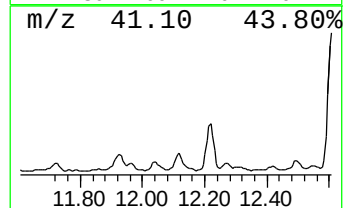
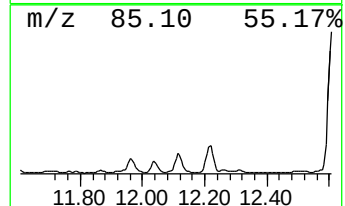
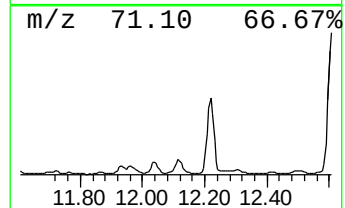
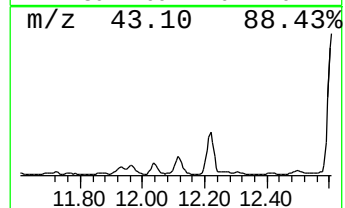
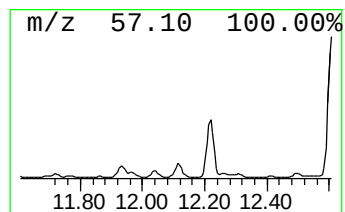
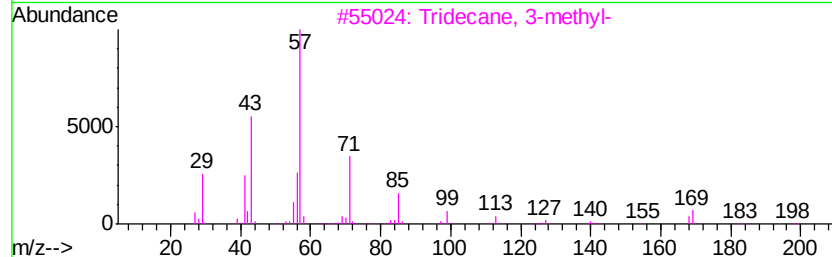
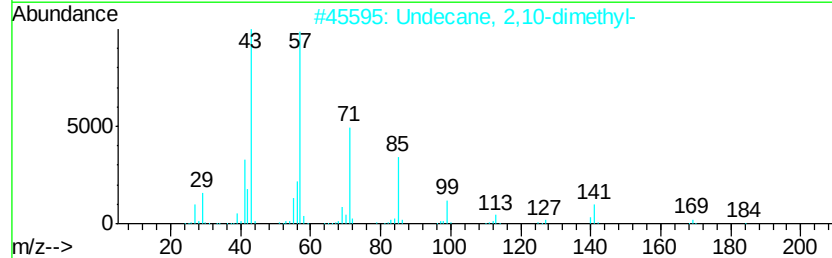
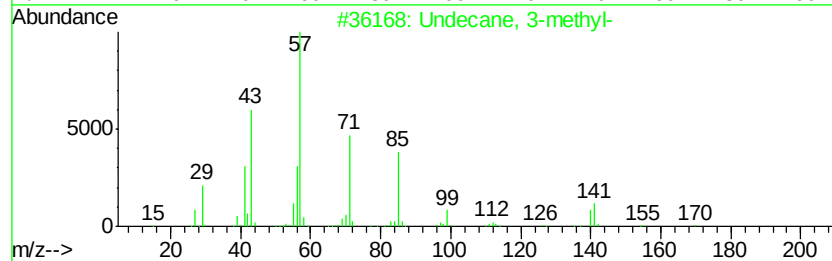
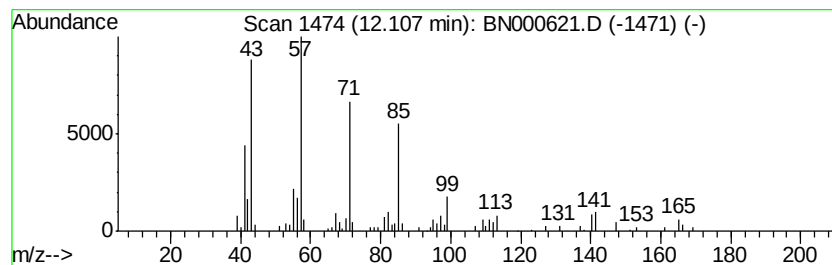
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.99 ng/ul	252033	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	59
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
4			1-Iodoundecane	282	C11H23I	004282-44-4	53
5			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	49



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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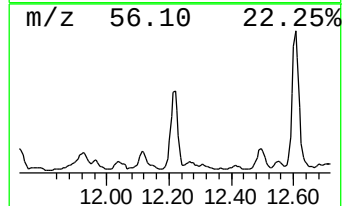
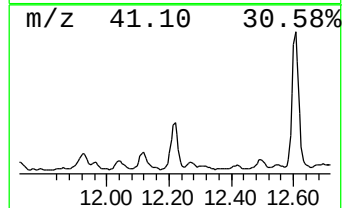
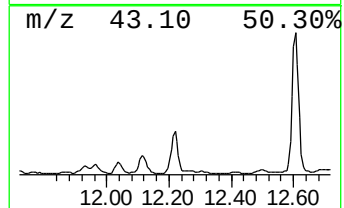
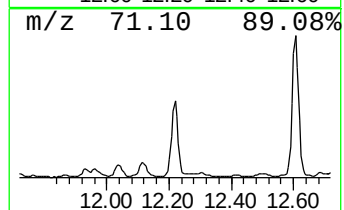
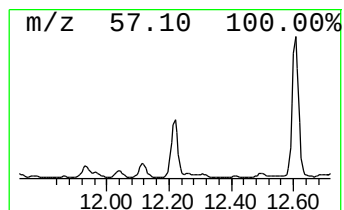
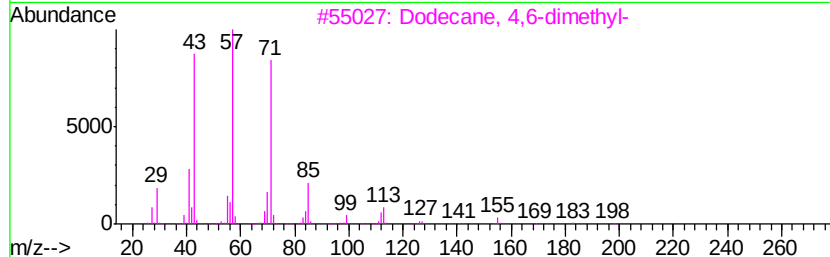
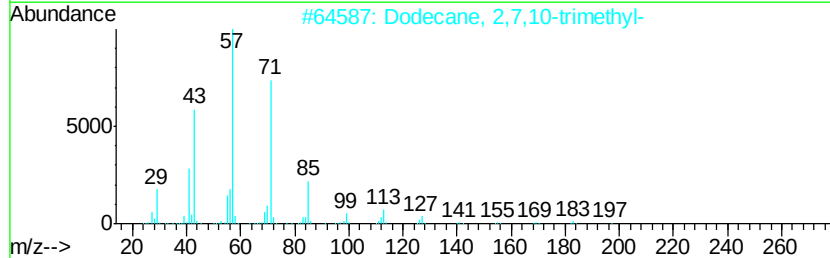
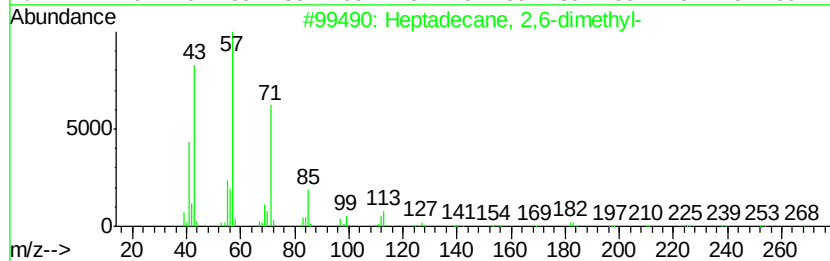
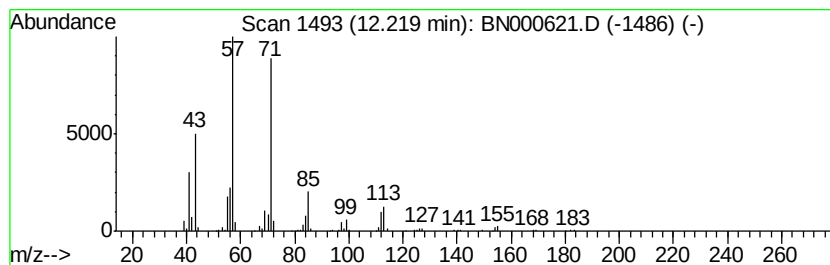
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	13.03 ng/ul	658749	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
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Sample : J1986-05
Misc :
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ClientSampled :
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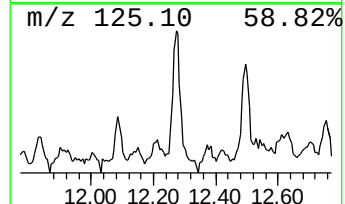
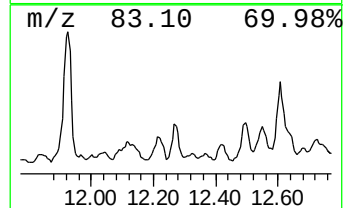
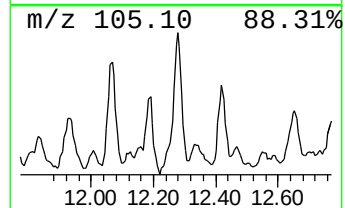
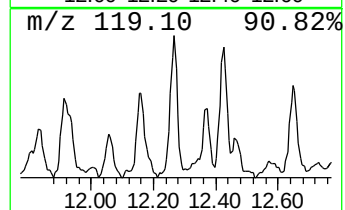
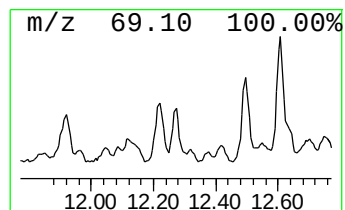
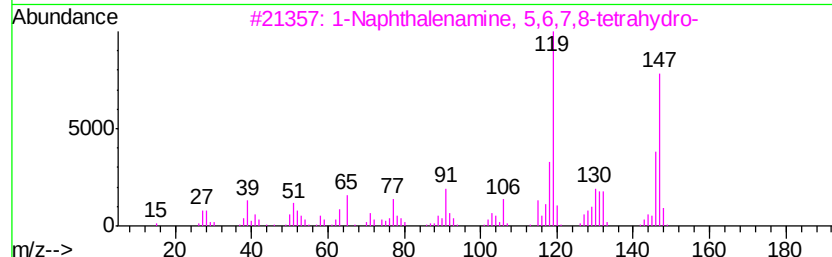
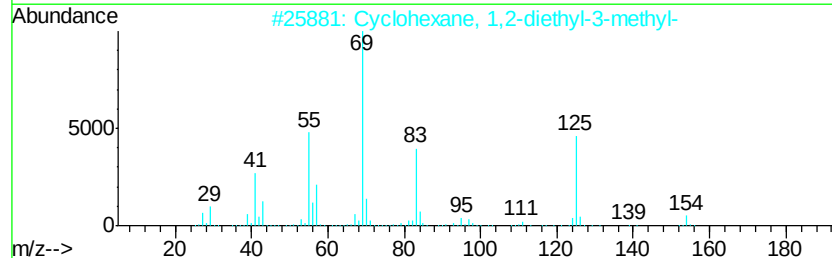
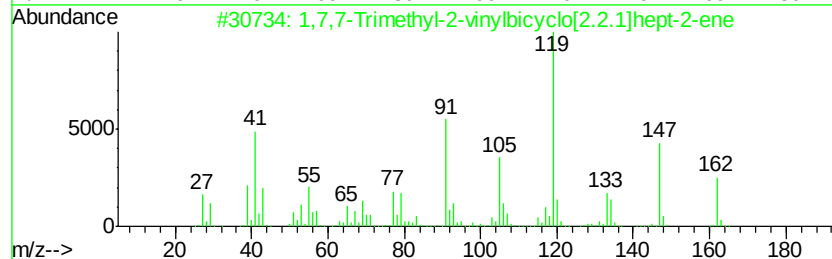
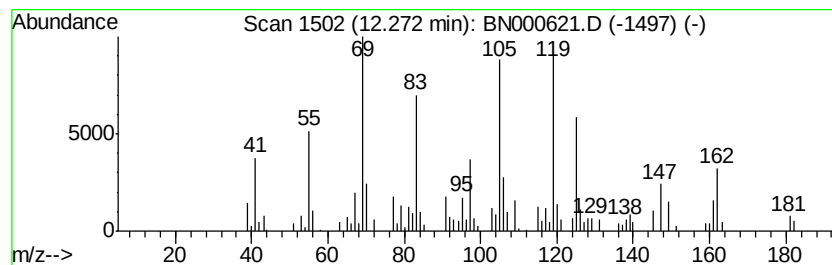
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-03 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.62 ng/ul	132522	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,7,7-Trimethyl-2-vinylbicyclo[2.2.1]hept-2-ene	162	C12H18	130930-56-2	49
2			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	35
3			1-Naphthalenamine, 5,6,7,8-tetrahydro-	147	C10H13N	002217-41-6	30
4			2-Amino-3a,4,5,6,7,7a-hexahydro-1H-benz[e]pyrido[1,2-b]pyrazine	162	C10H14N2	1000185-29-8	25
5			Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	18



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
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Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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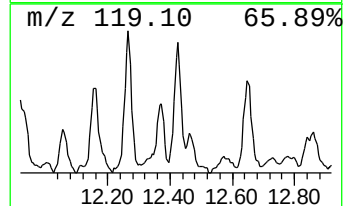
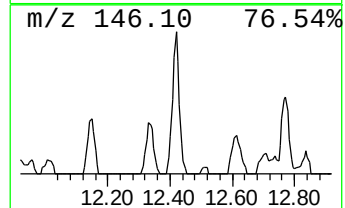
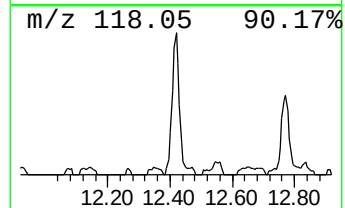
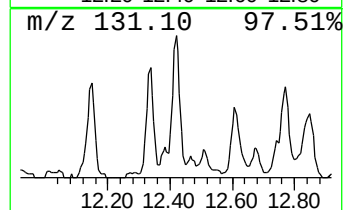
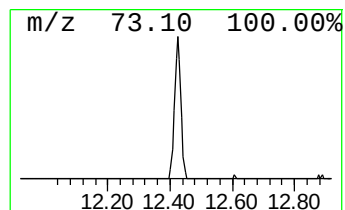
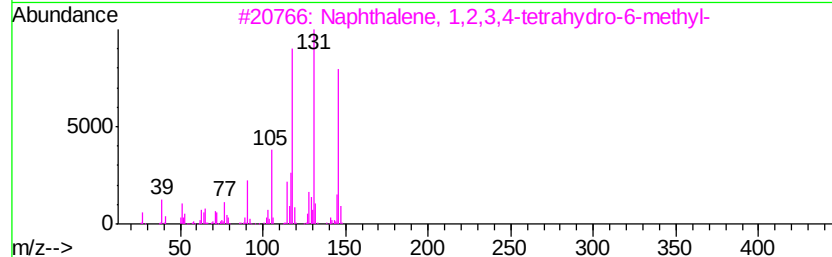
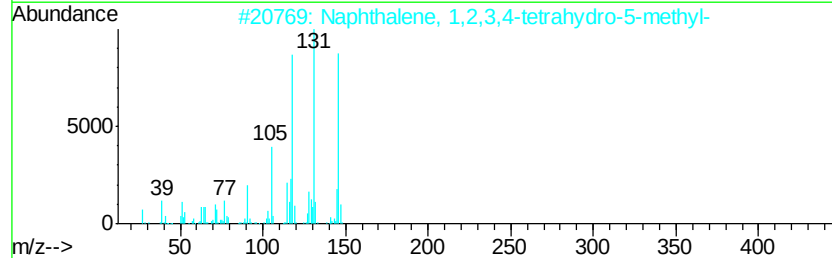
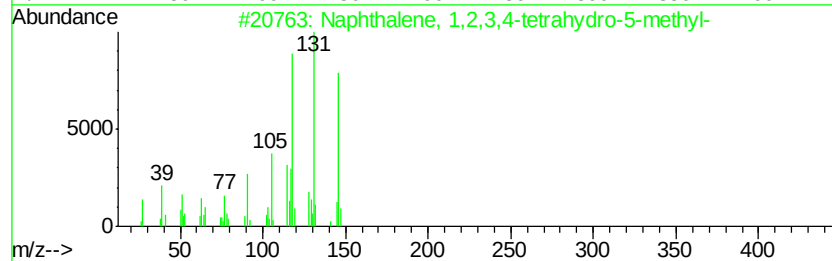
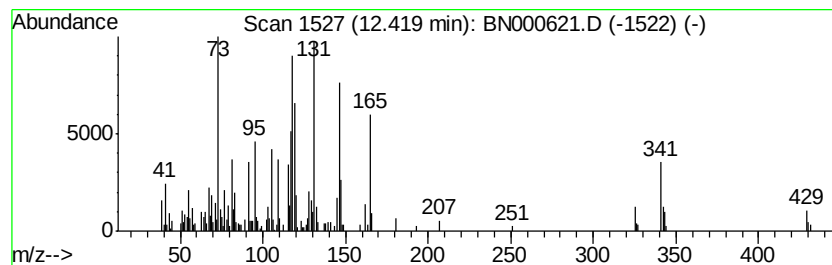
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.60 ng/ul	282897	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	92
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	92
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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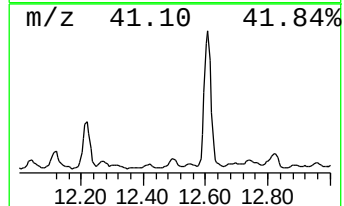
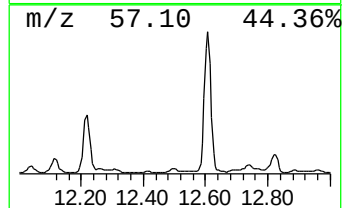
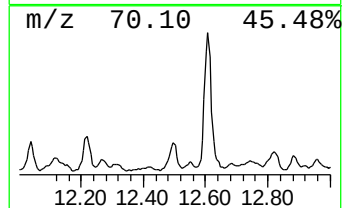
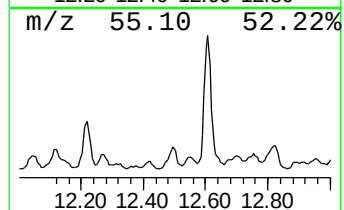
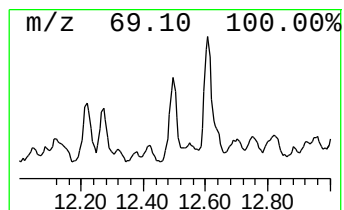
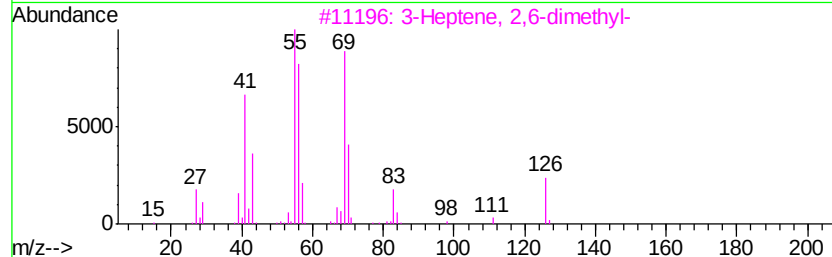
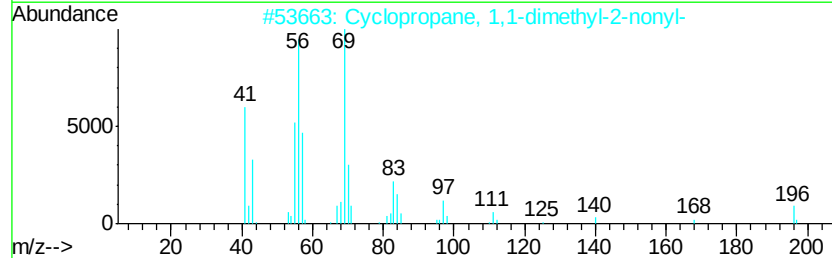
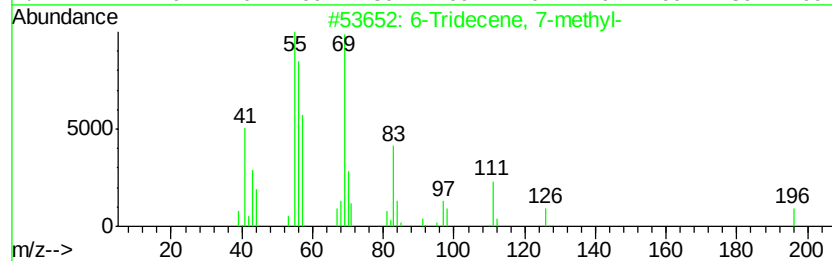
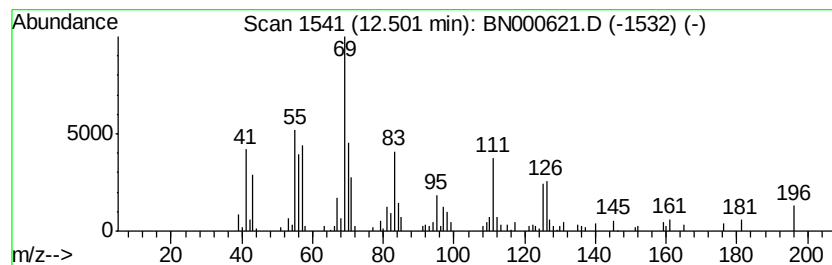
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic12.50 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.18 ng/ul	211148	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	74
2		Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	49
3		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	47
4		5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	47
5		5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	47



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Sample : J1986-05
Misc :
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ClientSampleId :
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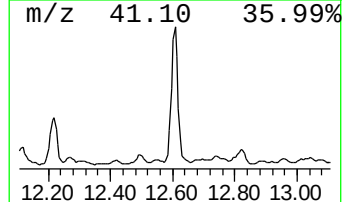
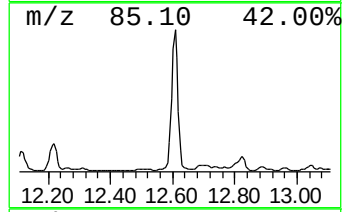
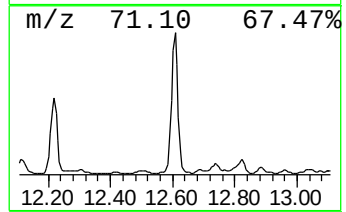
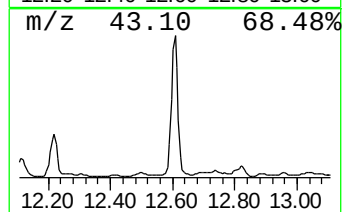
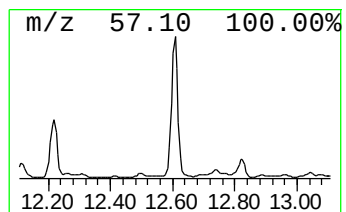
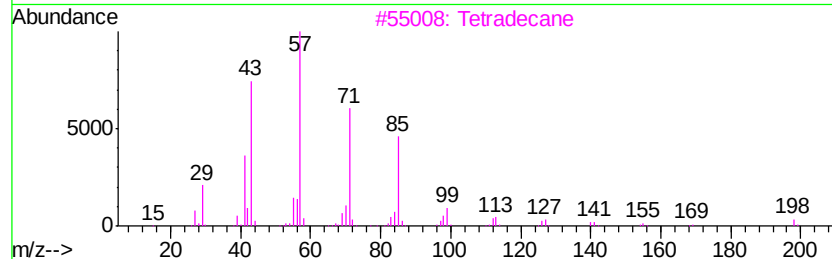
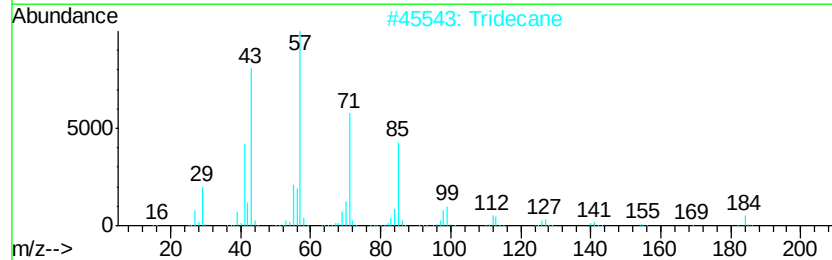
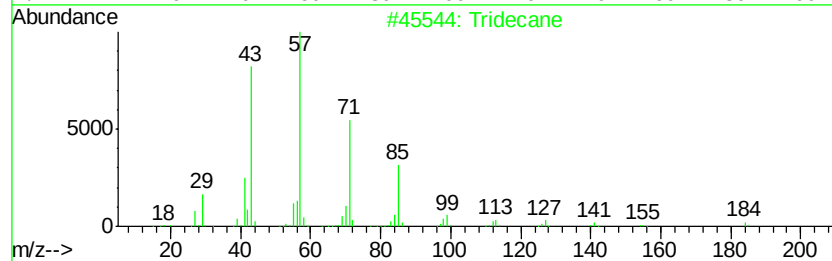
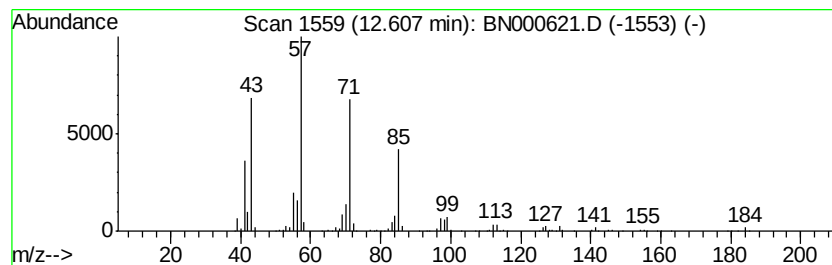
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	34.06 ng/ul	1721370	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Tridecane	184	C13H28	000629-50-5	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Tridecane	184	C13H28	000629-50-5	81



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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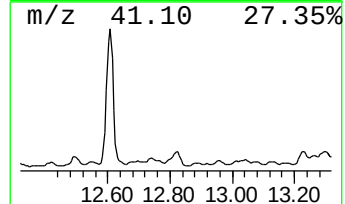
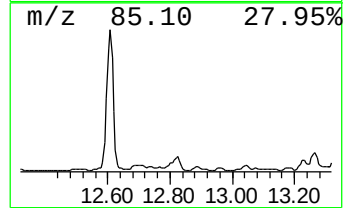
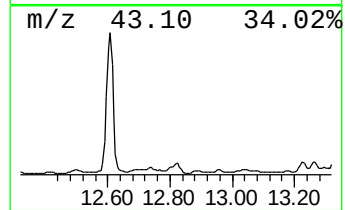
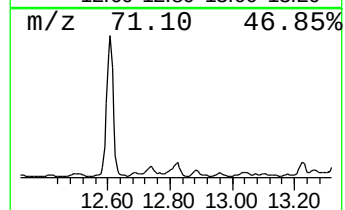
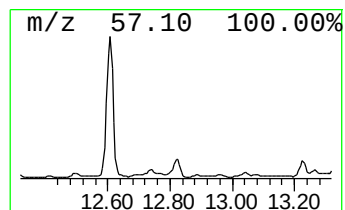
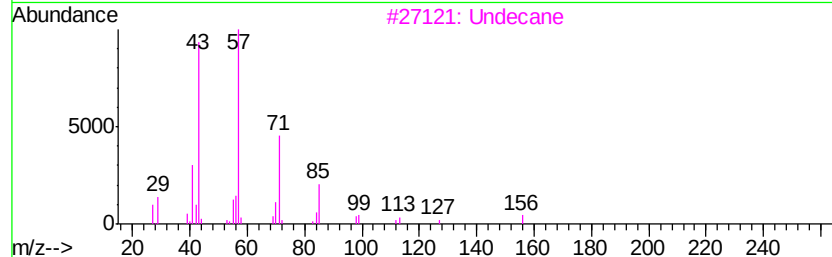
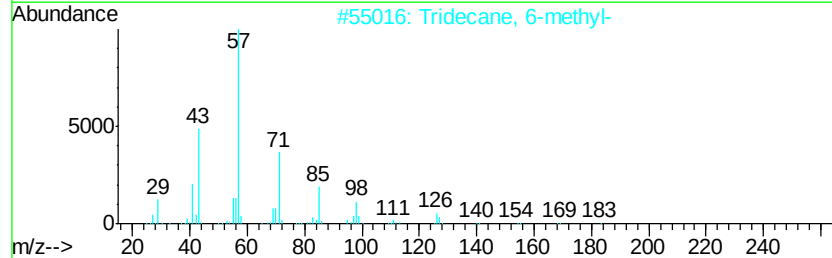
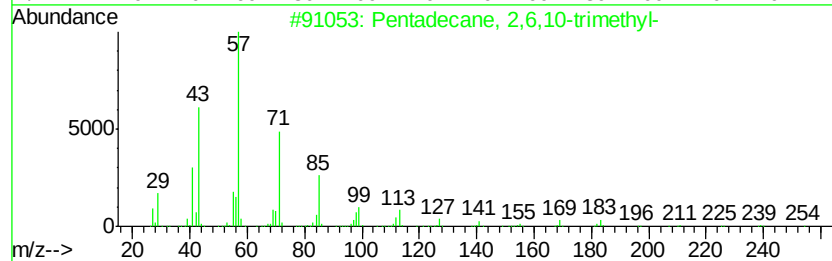
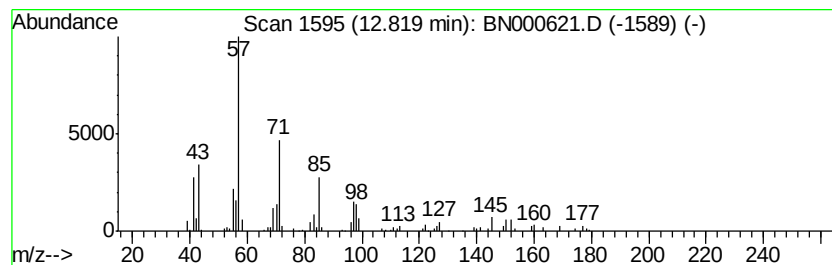
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	6.00 ng/ul	303409	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3		Undecane	156	C11H24	001120-21-4	50
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	49



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Operator : JU/SJ
Sample : J1986-05
Misc :
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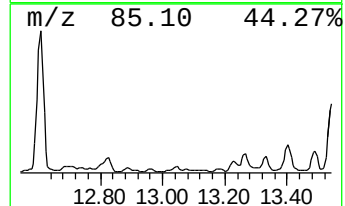
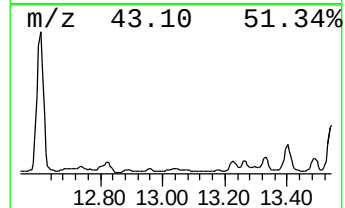
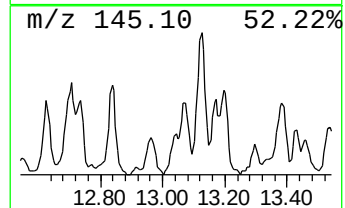
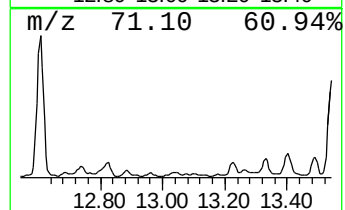
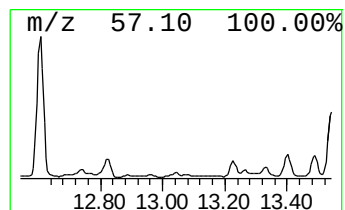
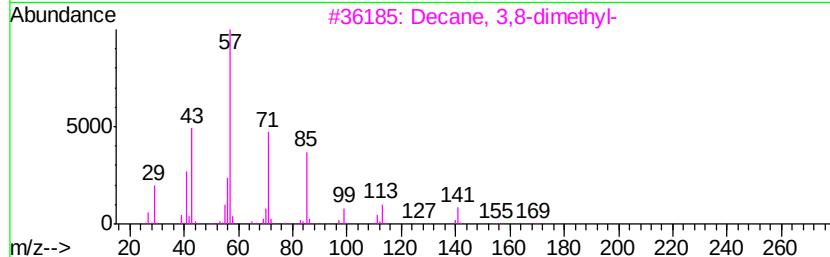
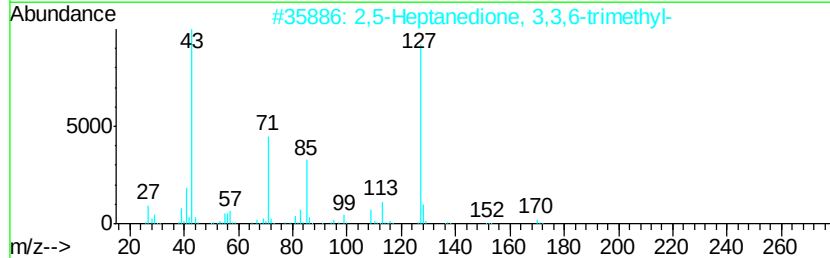
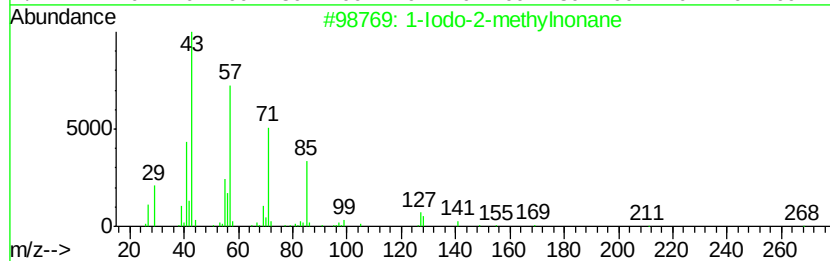
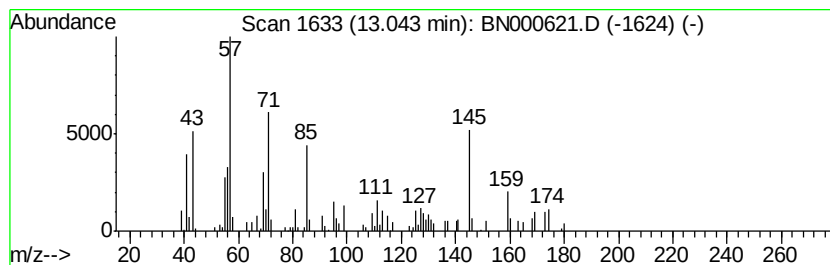
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-04 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.04	3.13 ng/ul	158291	Naphthalene-d8	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38
2	2,5-Heptanedione, 3,3,6-trimethyl-	170	C10H18O2	051513-40-7	35
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	27
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	27



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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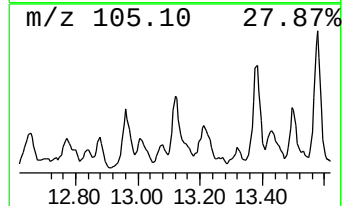
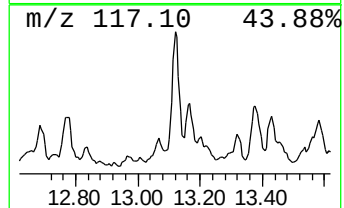
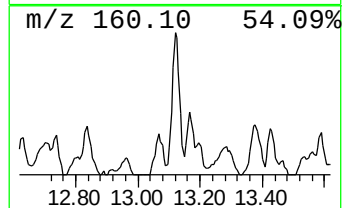
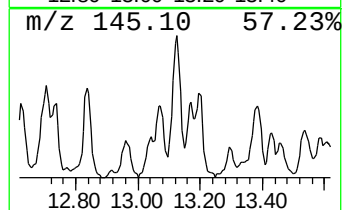
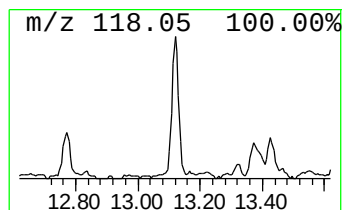
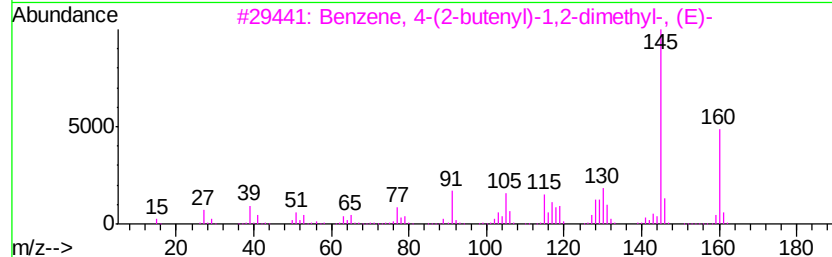
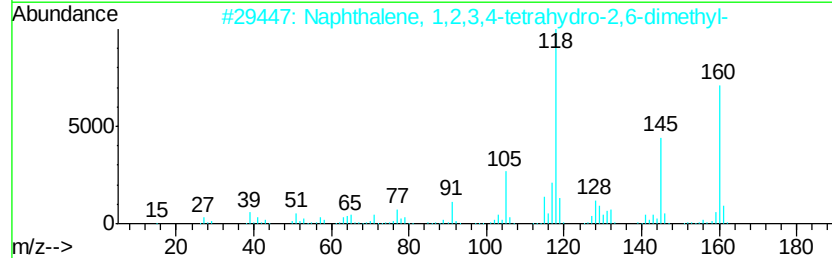
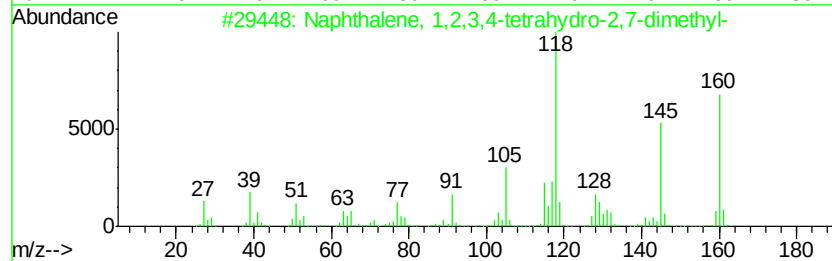
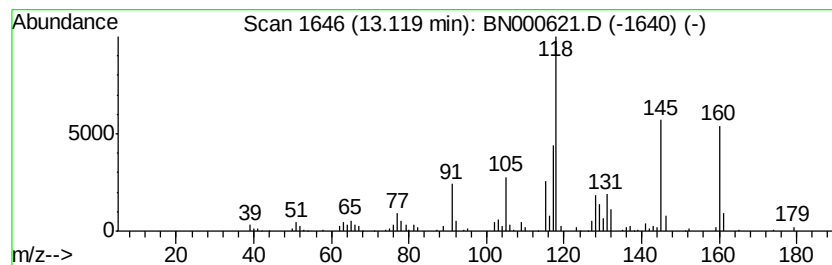
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 1,2,3,4-tetra... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.44 ng/ul	275175	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	72
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	45



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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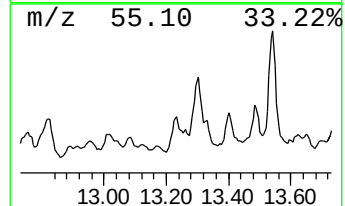
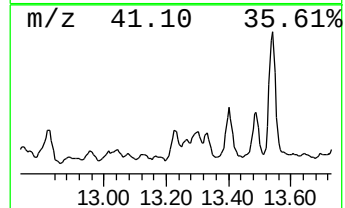
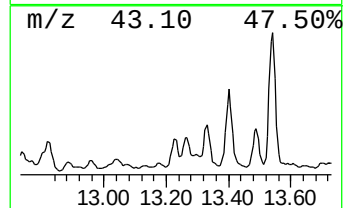
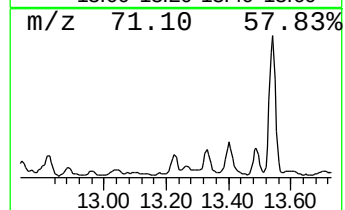
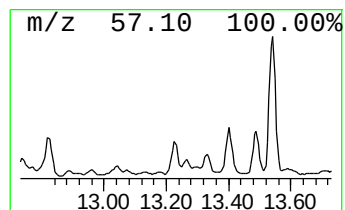
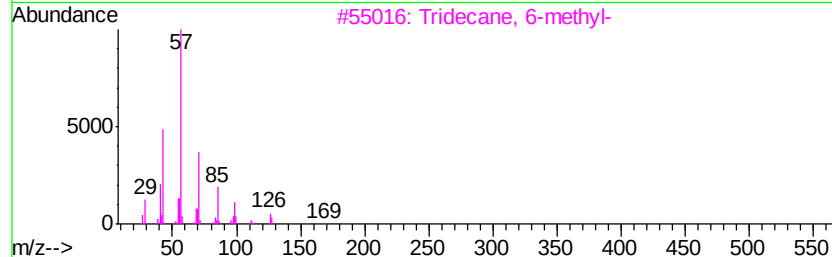
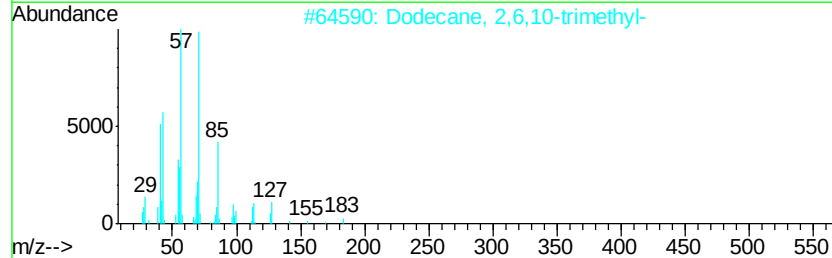
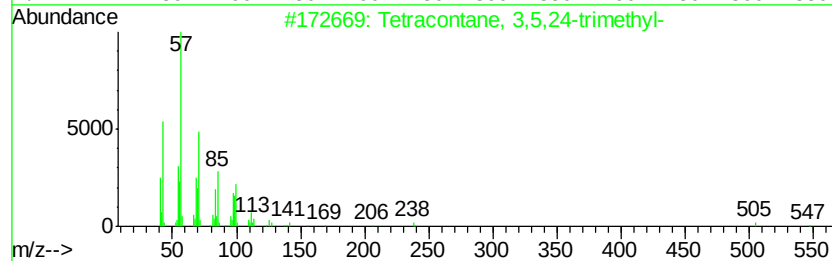
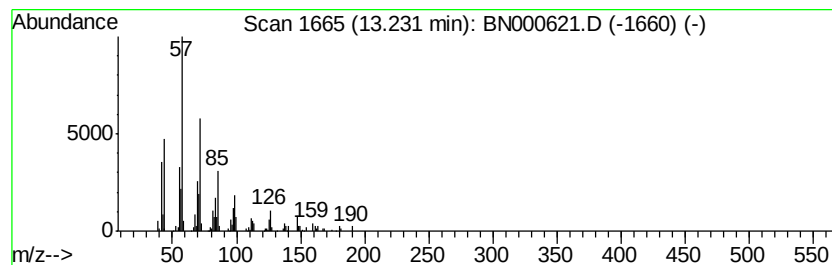
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.68 ng/ul	202727	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
5			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	50



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
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Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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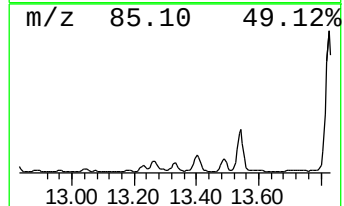
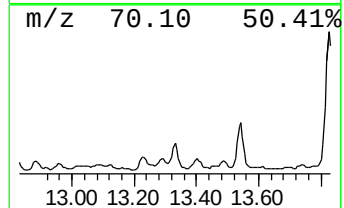
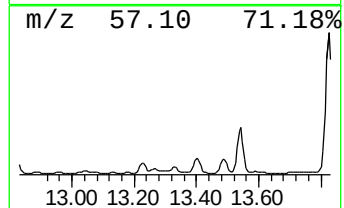
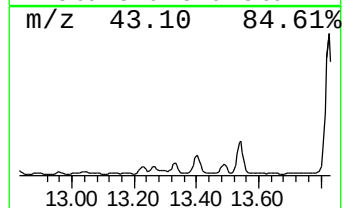
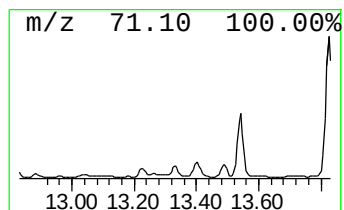
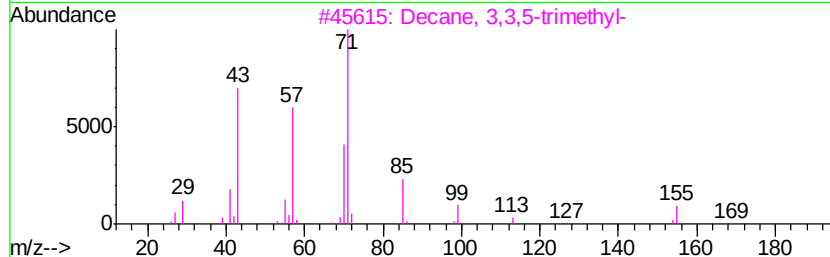
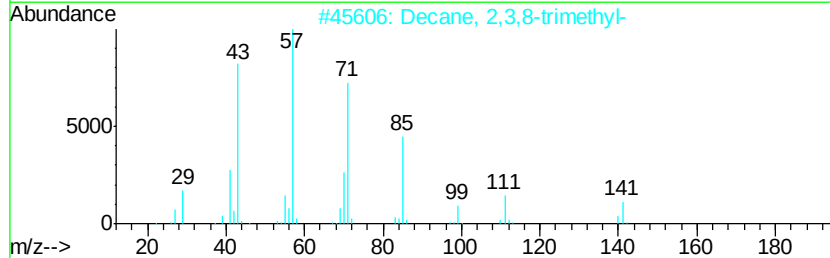
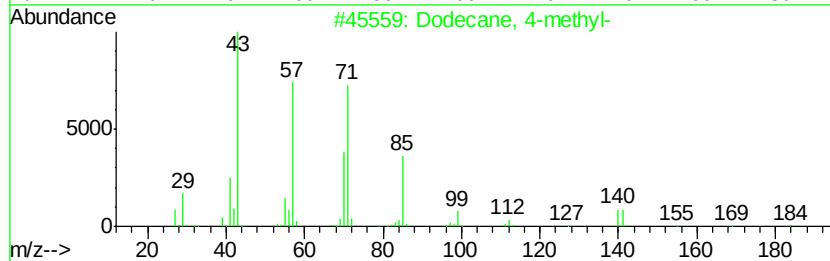
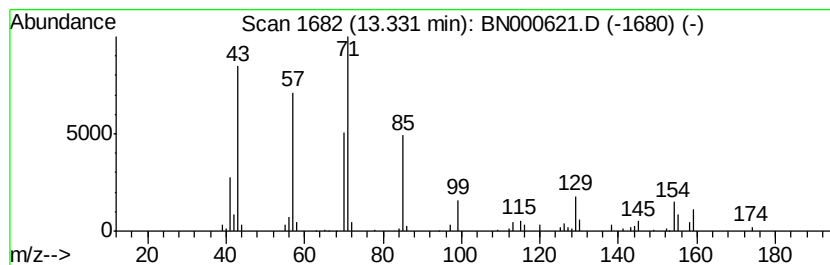
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.20 ng/ul	120931	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
3		Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	53
4		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	53
5		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	50



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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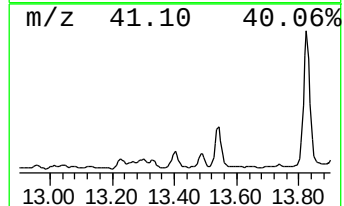
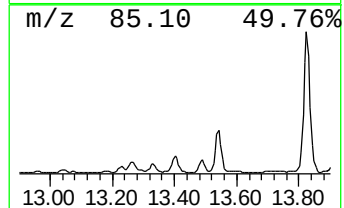
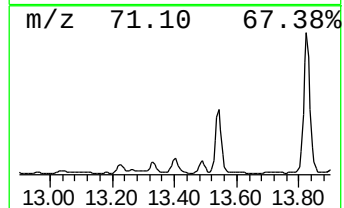
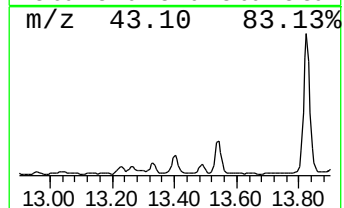
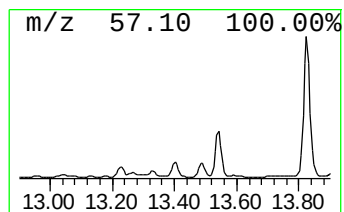
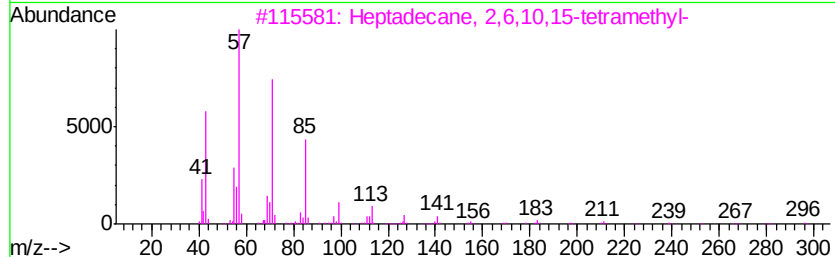
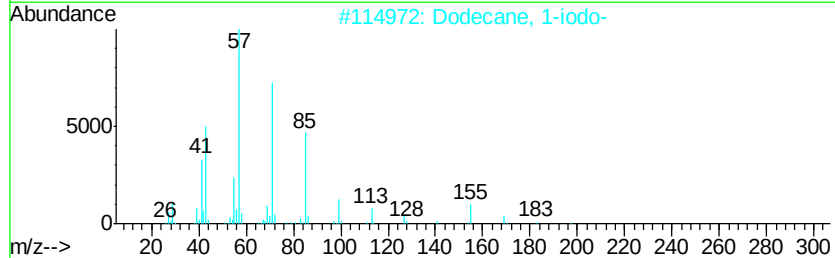
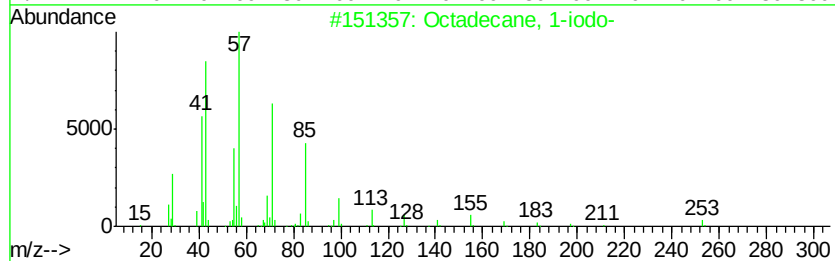
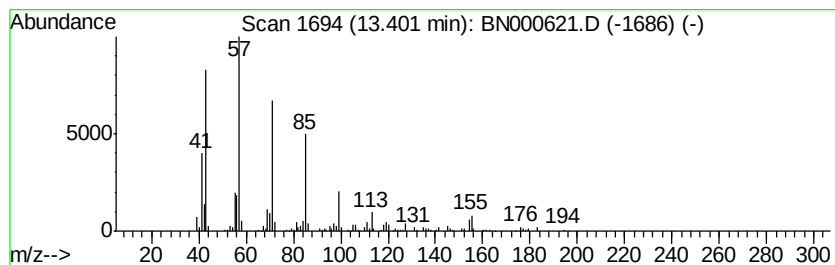
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Octadecane, 1-iodo- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	7.42 ng/ul	408900	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5			Decane, 2-methyl-	156	C11H24	006975-98-0	60



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

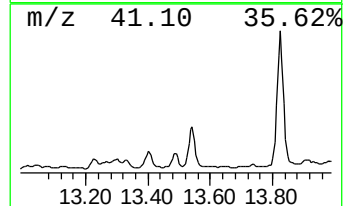
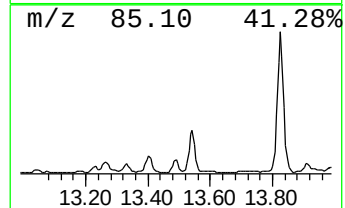
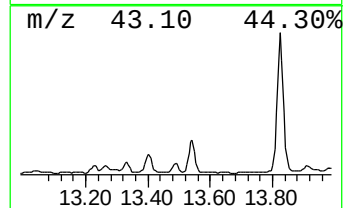
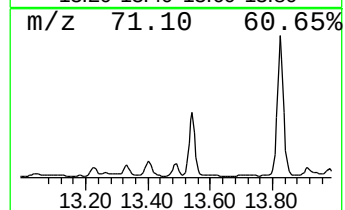
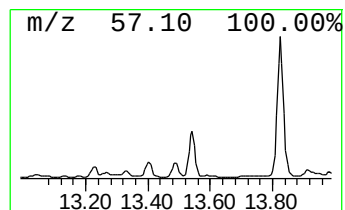
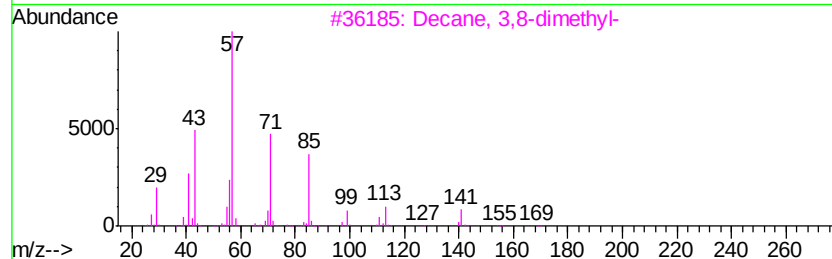
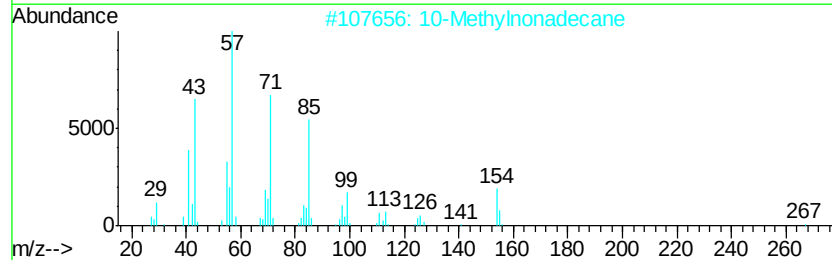
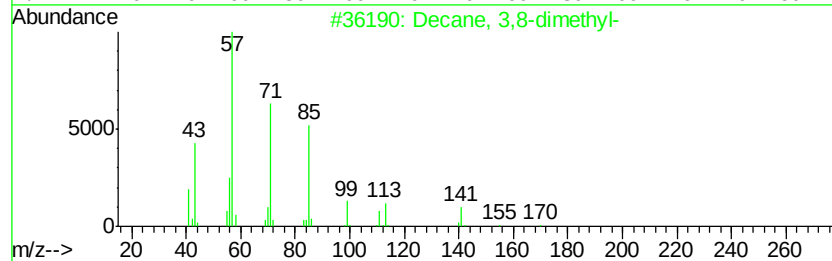
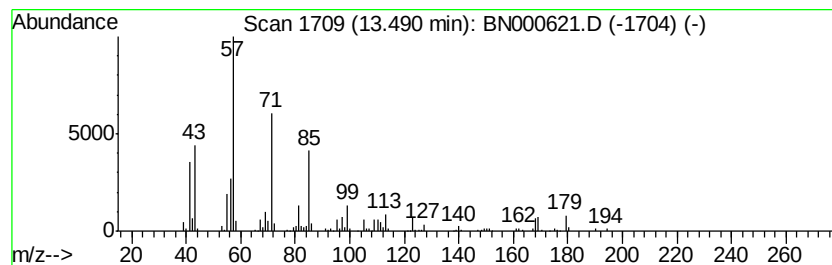
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.25 ng/ul	234131	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	83
2	10-Methylnonadecane	282 C20H42	056862-62-5	72
3	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	72
4	Undecane, 3-methyl-	170 C12H26	001002-43-3	72
5	Eicosane, 10-methyl-	296 C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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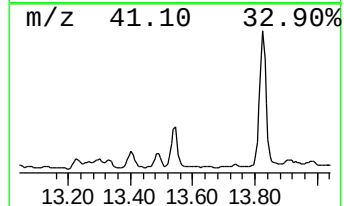
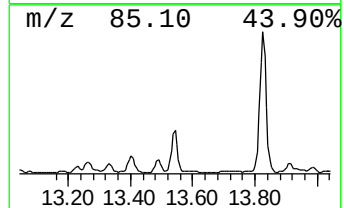
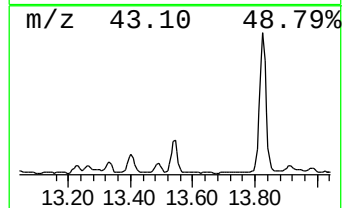
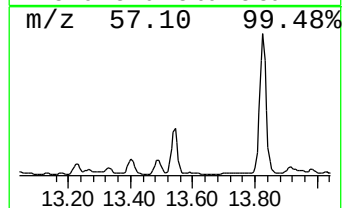
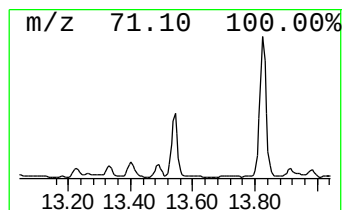
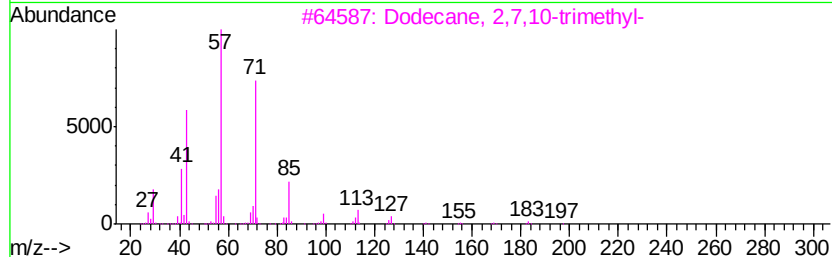
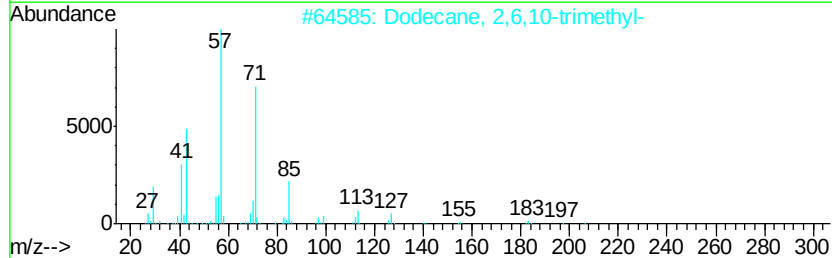
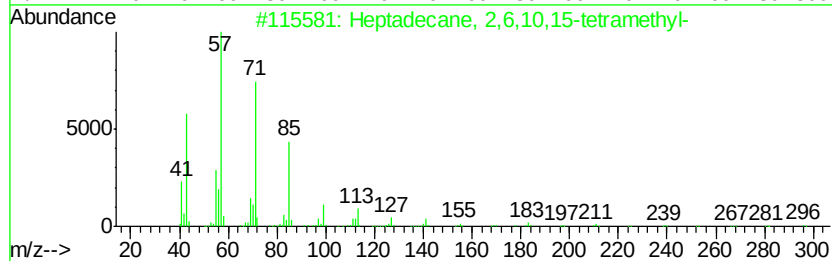
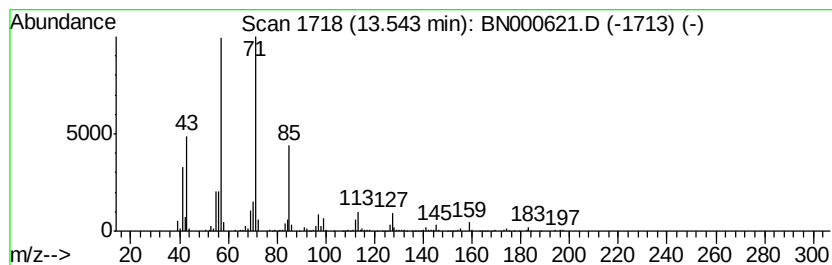
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	15.83 ng/ul	871816	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Decane, 5-propyl-	184	C13H28	017312-62-8	64
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

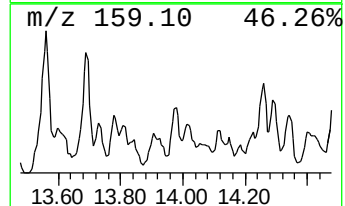
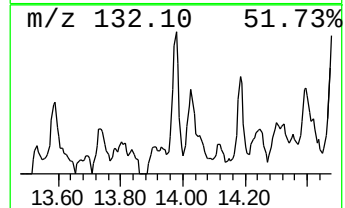
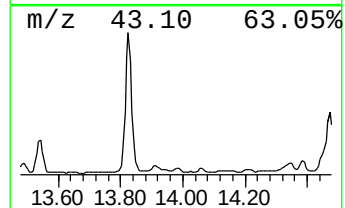
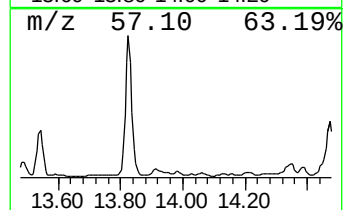
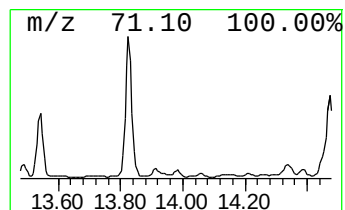
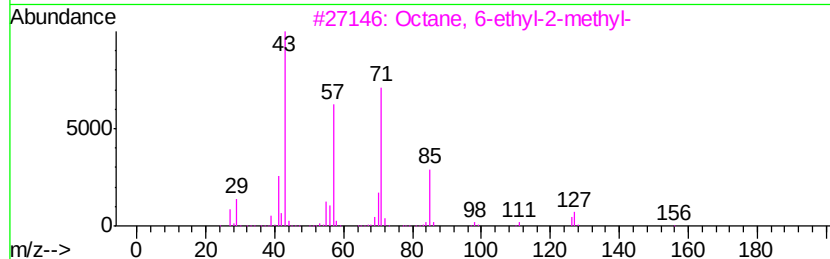
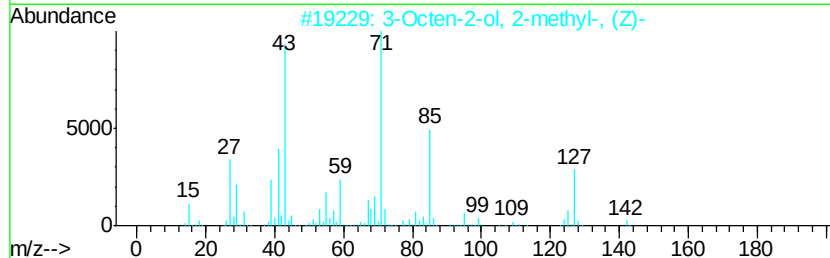
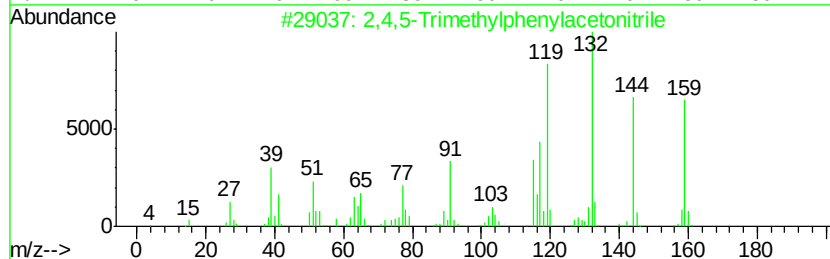
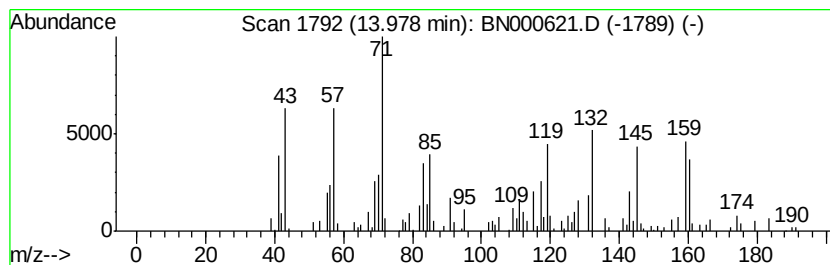
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ClientSampled :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 unknown-05 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.84 ng/ul	156569	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4,5-Trimethylphenylacetonitrile	159 C11H13N	075279-58-2	30
2	3-Octen-2-ol, 2-methyl-, (Z)-	142 C9H18O	018521-07-8	25
3	Octane, 6-ethyl-2-methyl-	156 C11H24	062016-19-7	22
4	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	22
5	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	22



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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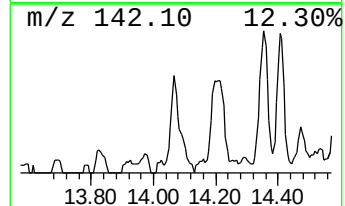
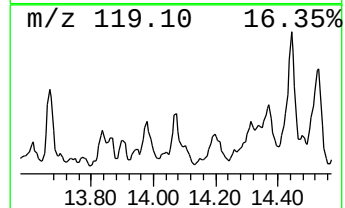
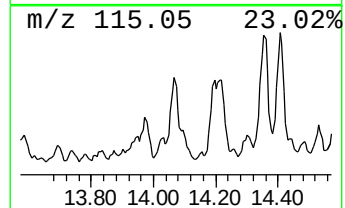
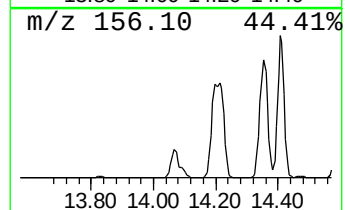
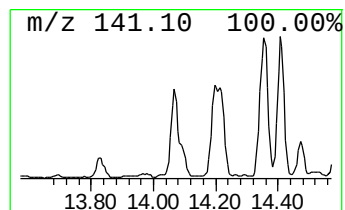
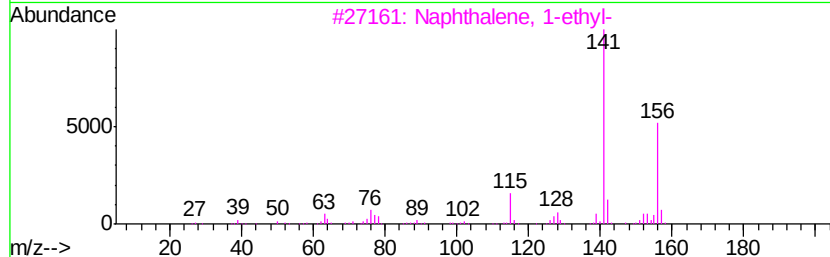
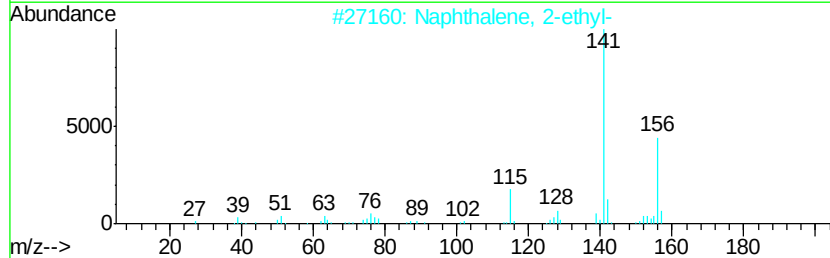
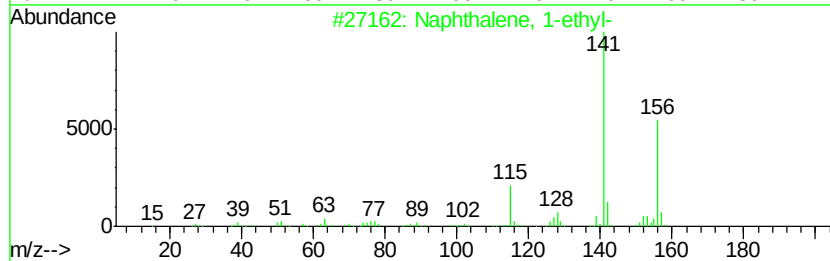
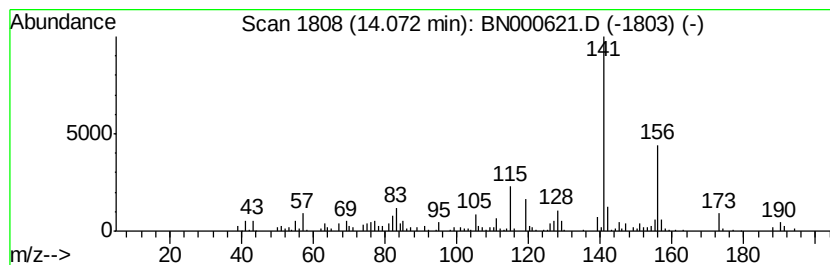
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphthalene, 1-ethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.60 ng/ul	198470	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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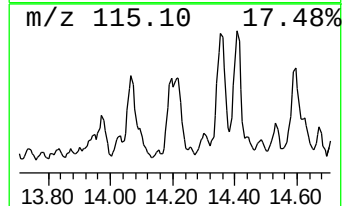
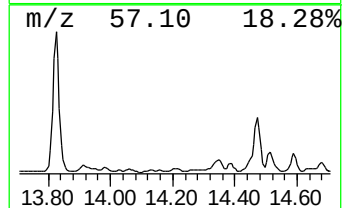
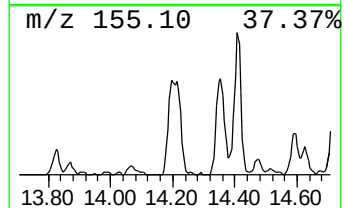
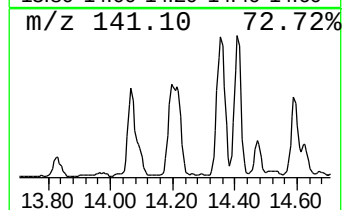
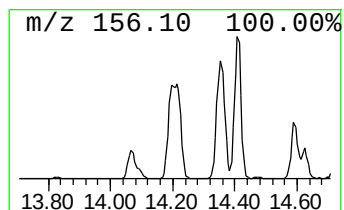
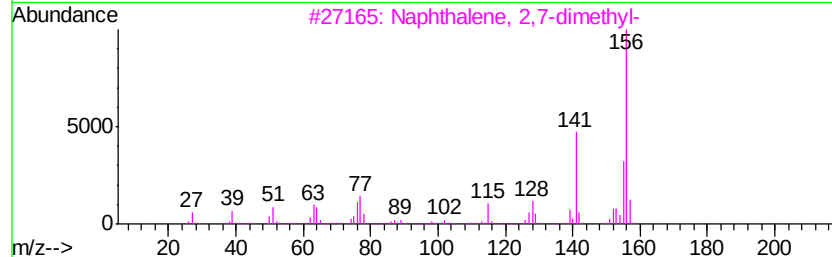
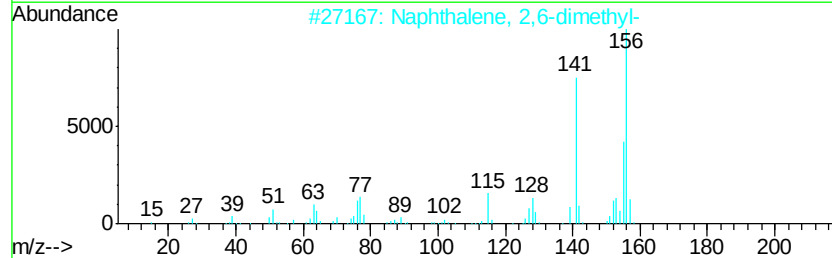
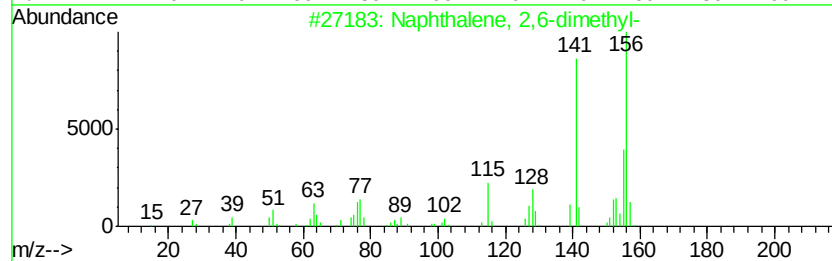
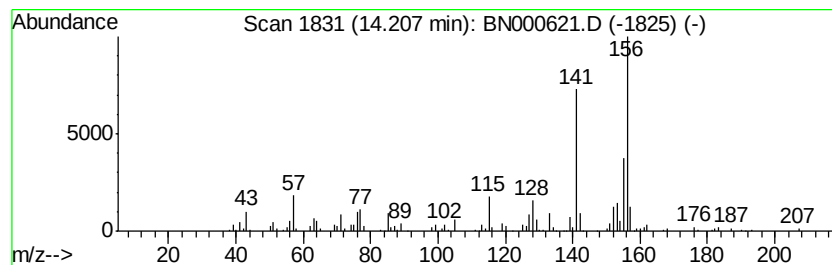
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	8.78 ng/ul	483530	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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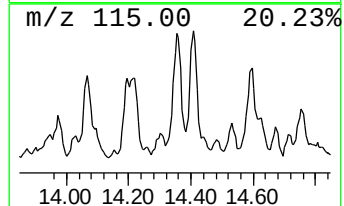
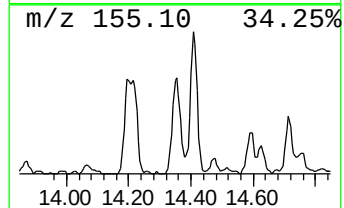
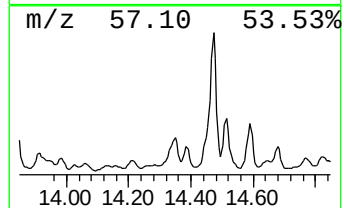
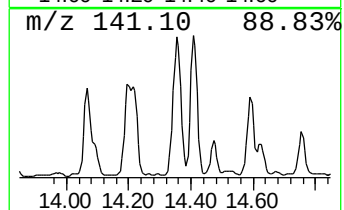
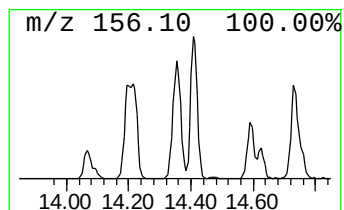
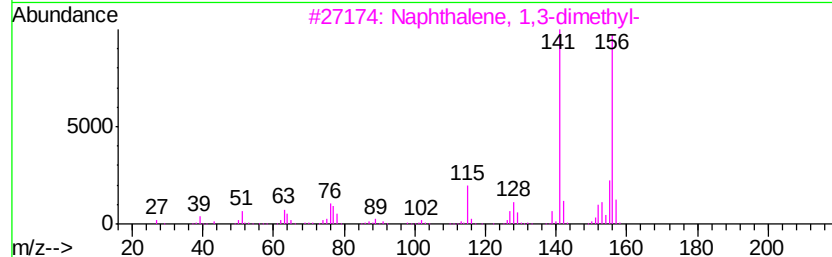
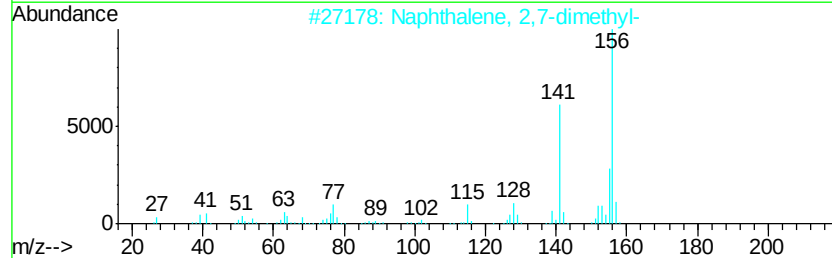
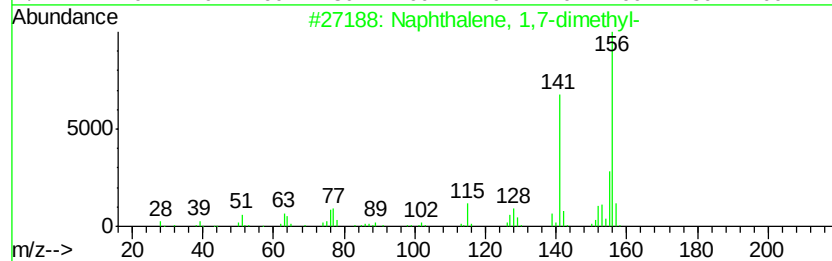
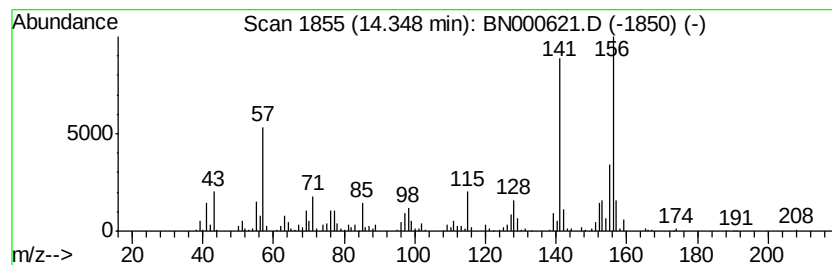
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	9.33 ng/ul	513754	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

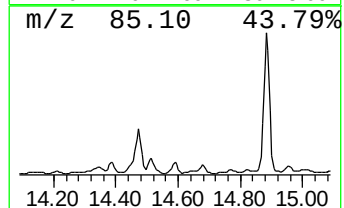
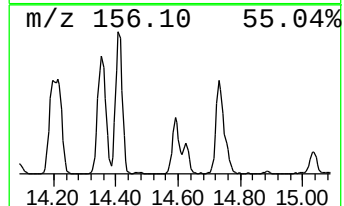
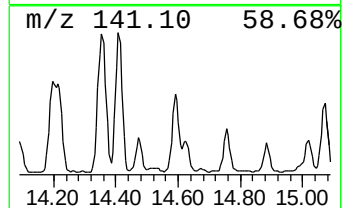
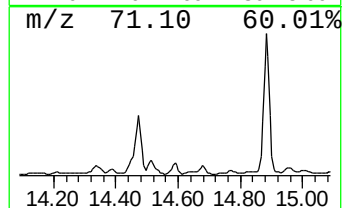
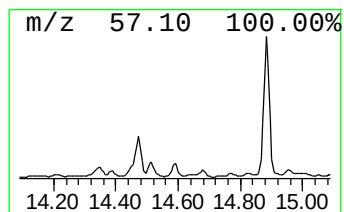
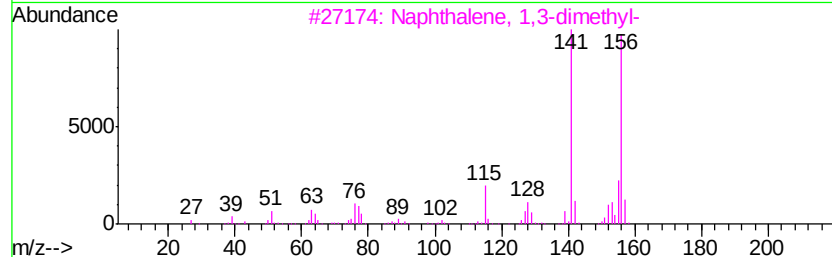
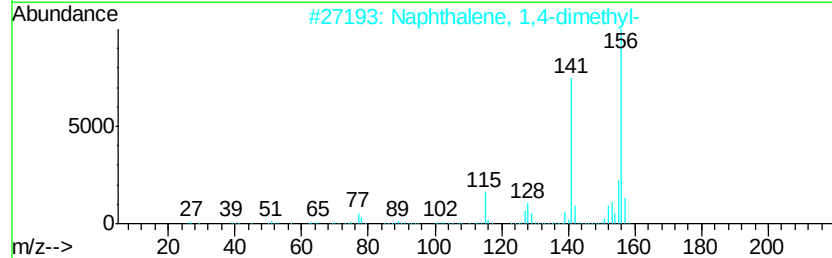
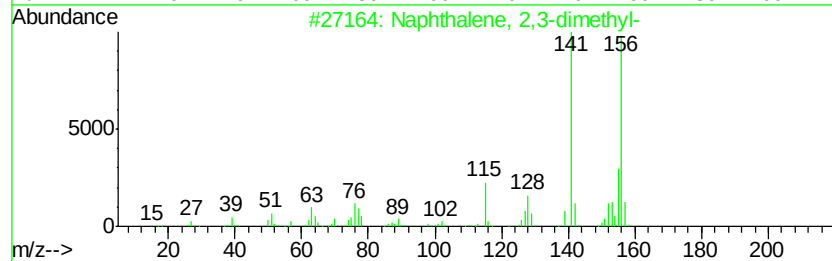
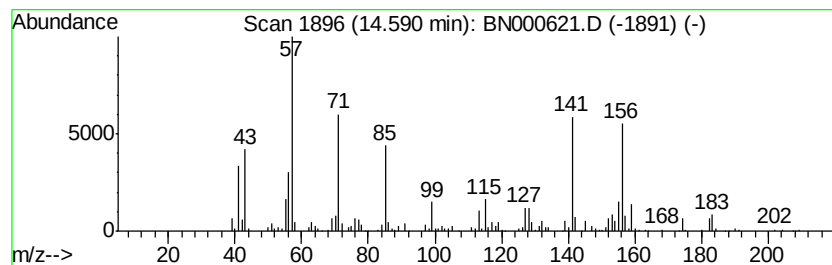
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	8.27 ng/ul	455426	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	84
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	84



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

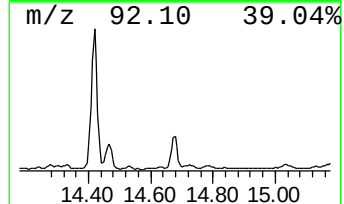
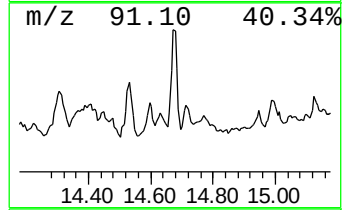
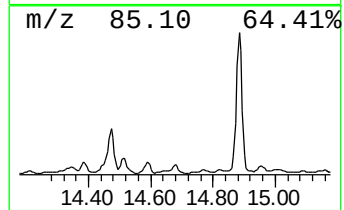
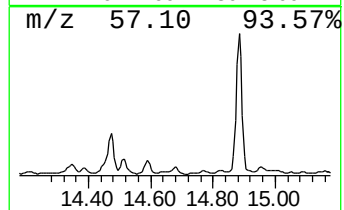
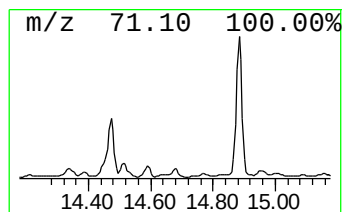
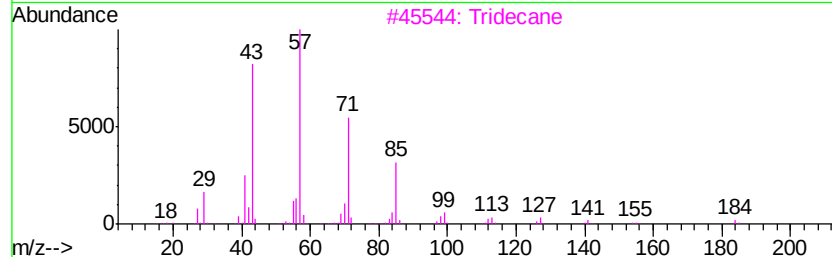
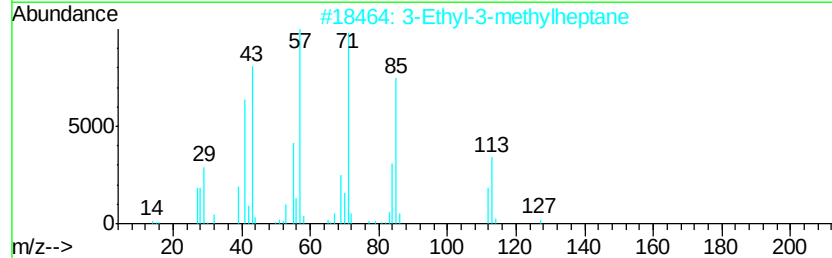
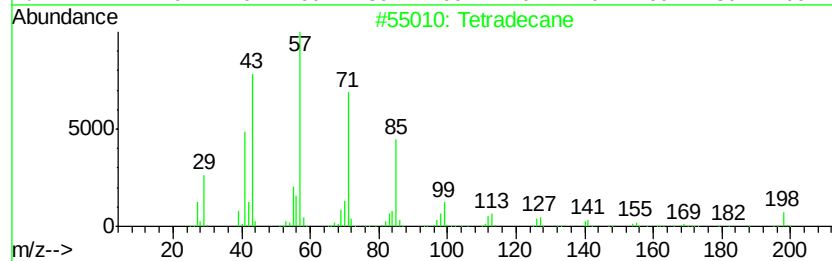
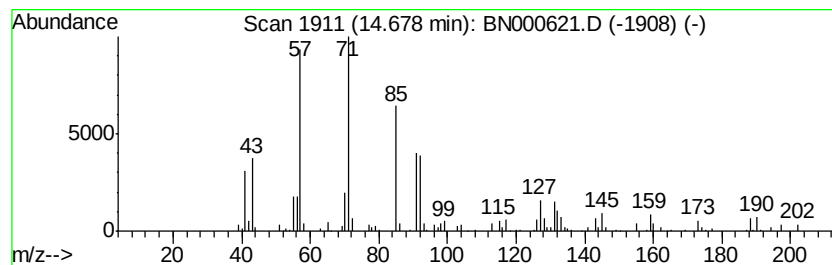
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	3.30 ng/ul	181800	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	50
2		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
3		Tridecane	184	C13H28	000629-50-5	50
4		Heptadecane	240	C17H36	000629-78-7	47
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

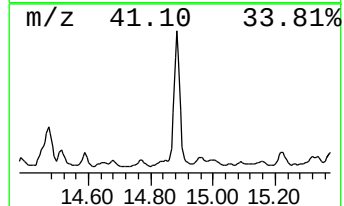
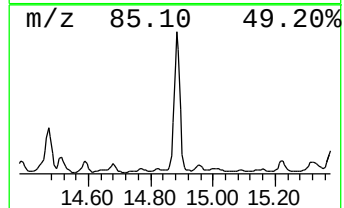
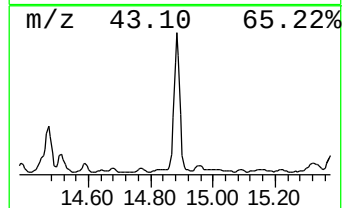
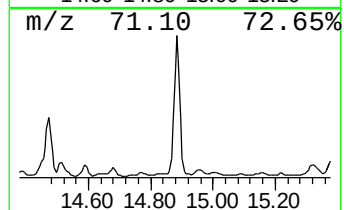
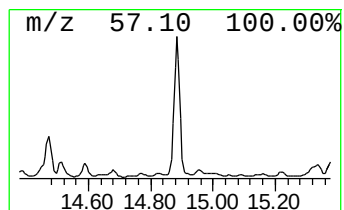
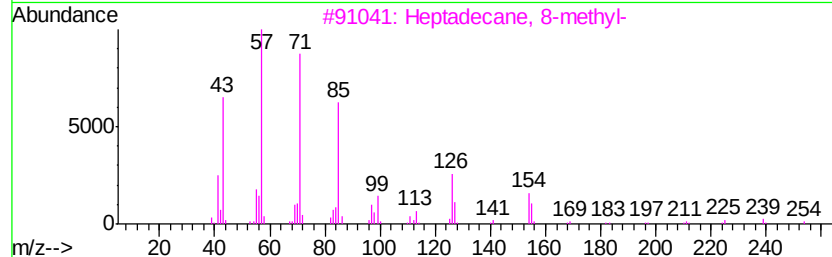
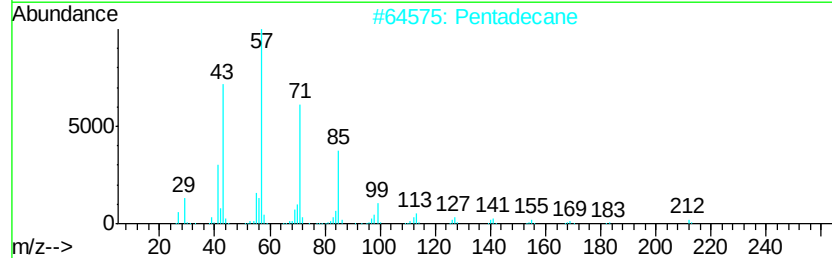
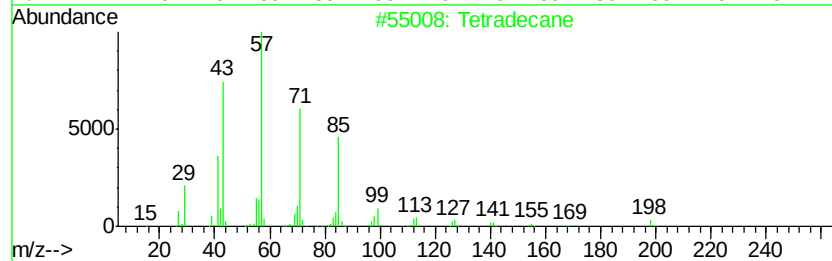
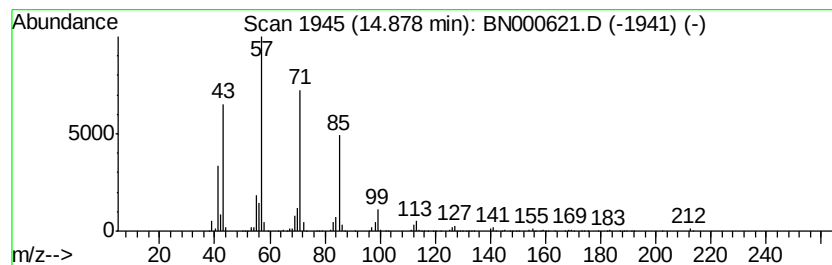
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	53.24 ng/ul	2932860	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	87
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

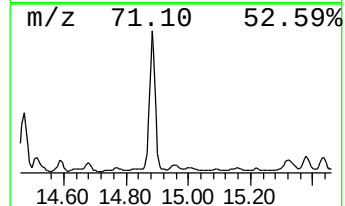
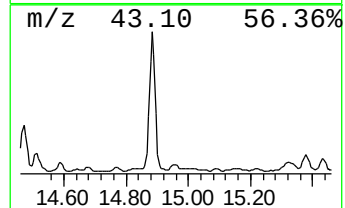
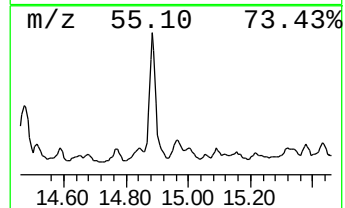
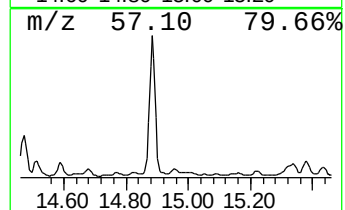
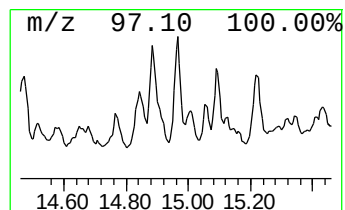
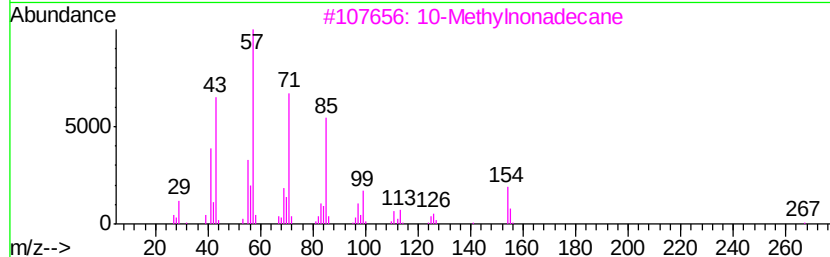
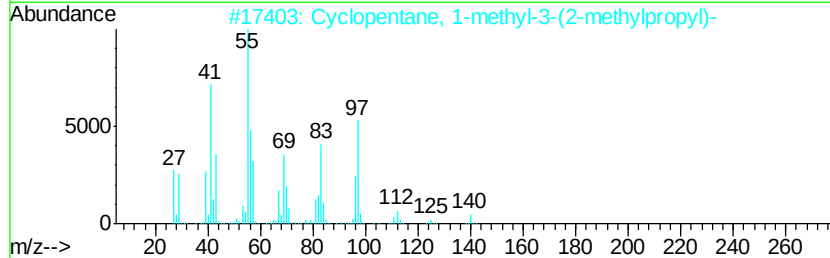
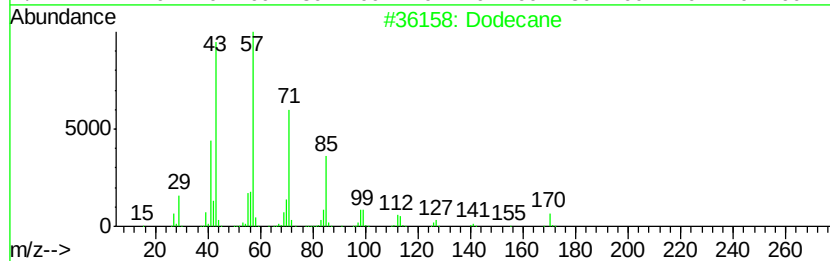
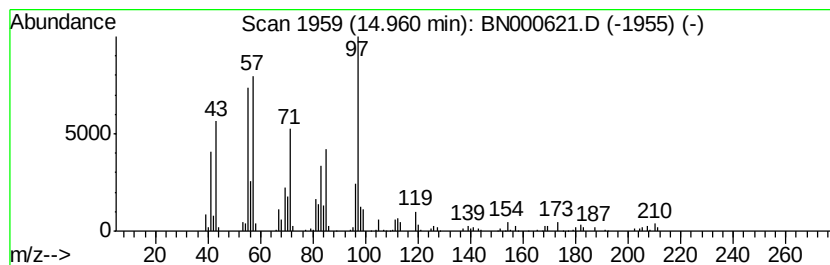
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ClientSampleId :
BEEJ0

Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.96	3.61 ng/ul	198842	Acenaphthene-d10	15.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	35
2	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	35
3	10-Methylnonadecane	282	C20H42	056862-62-5	35
4	Undecane	156	C11H24	001120-21-4	35
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

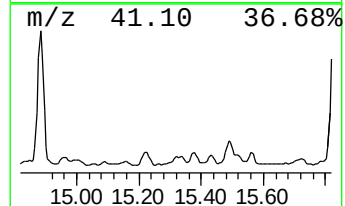
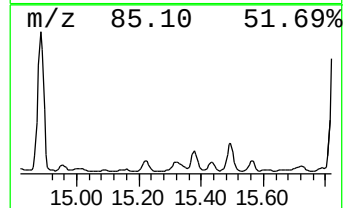
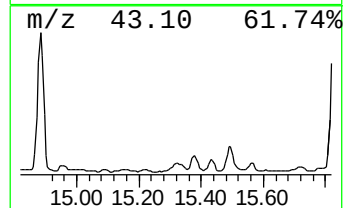
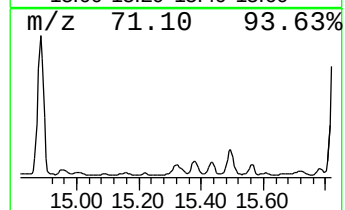
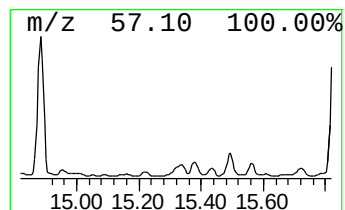
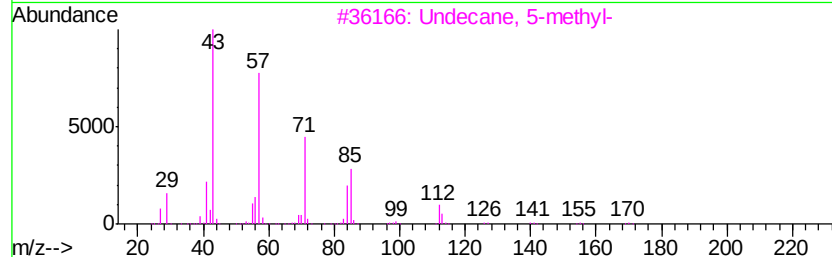
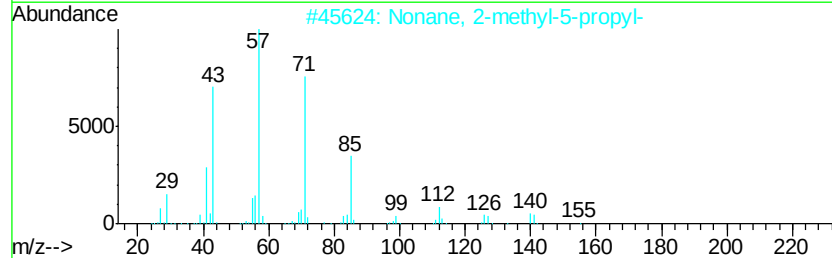
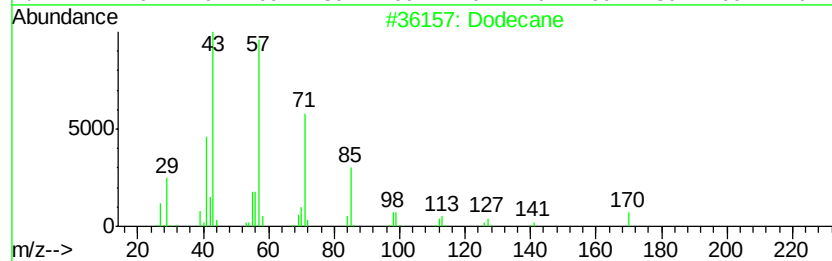
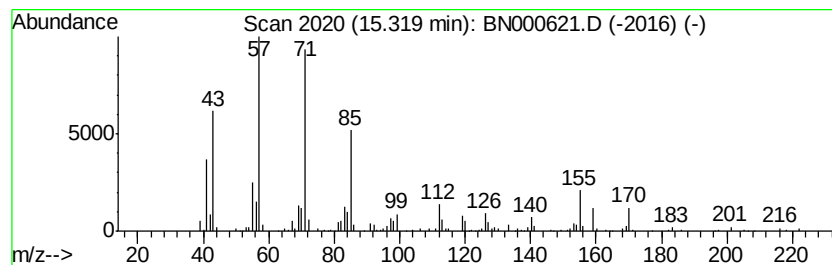
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.86 ng/ul	212803	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	74
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	58
4			Dodecane	170	C12H26	000112-40-3	58
5			Nonadecane	268	C19H40	000629-92-5	55



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
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Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

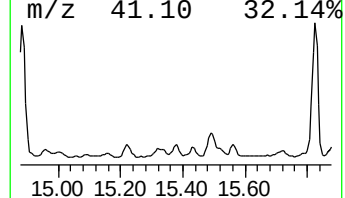
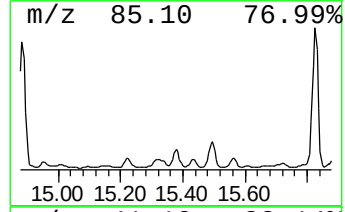
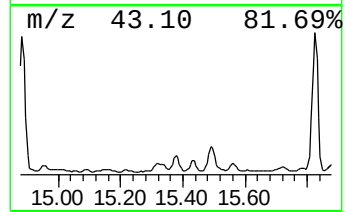
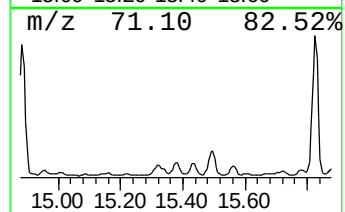
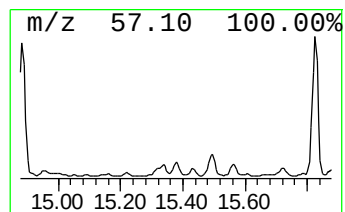
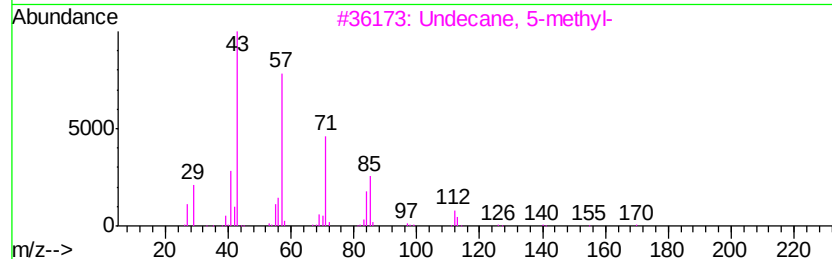
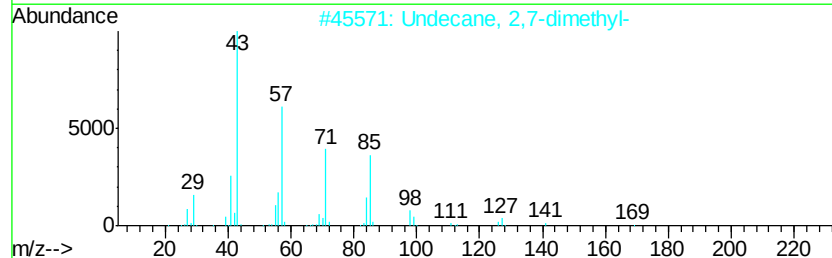
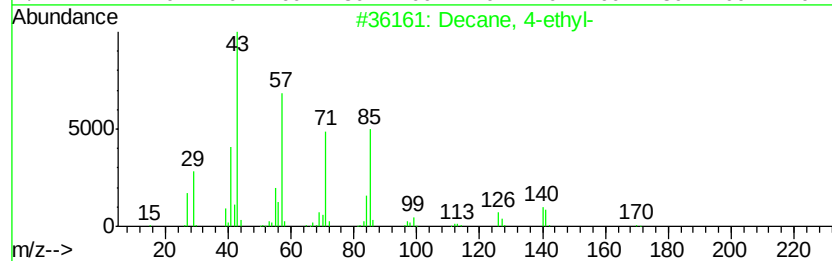
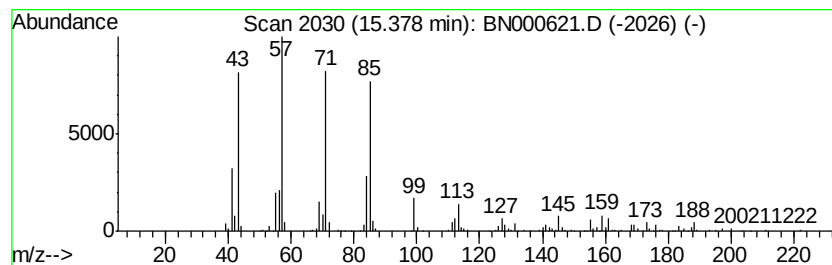
Instrument :
BNA_N
ClientSampleId :
BEEJ0

Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.38	6.12 ng/ul	337088	Acenaphthene-d10		15.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-ethyl-	170	C12H26	001636-44-8	86
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	80
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	72



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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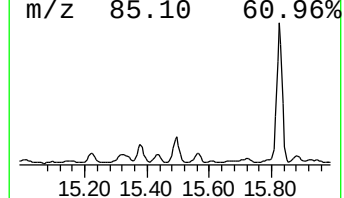
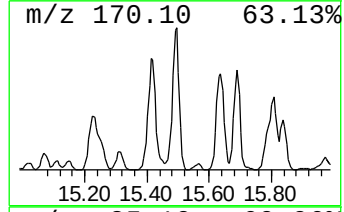
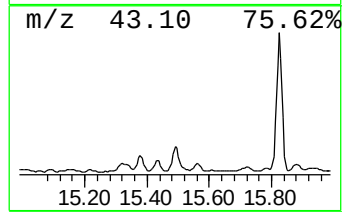
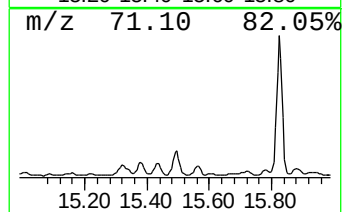
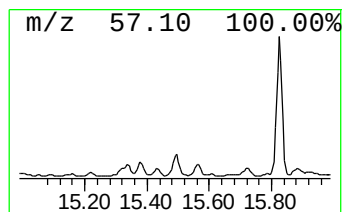
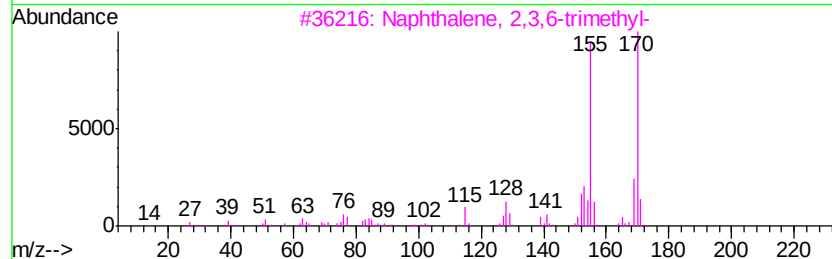
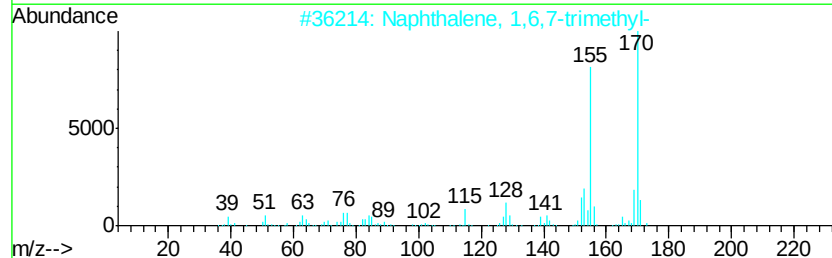
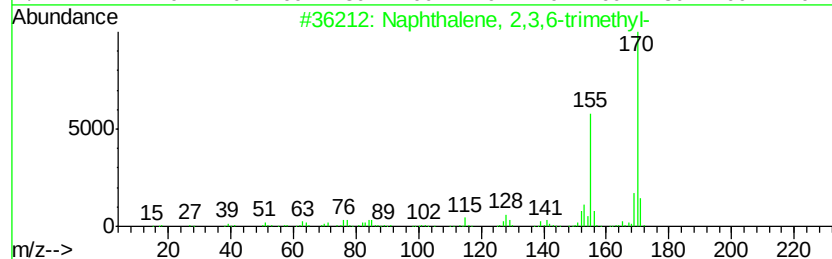
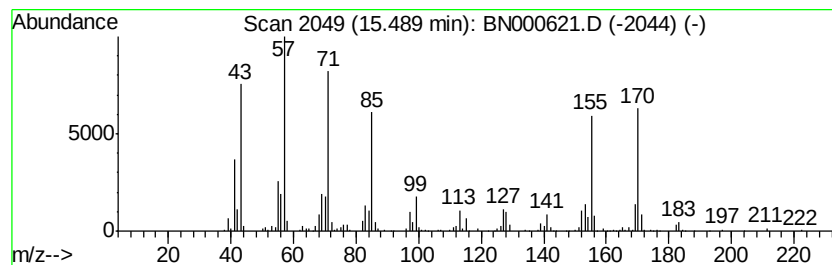
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	21.03 ng/ul	1158380	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

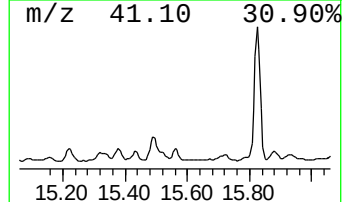
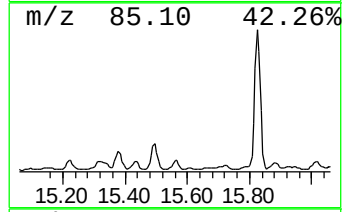
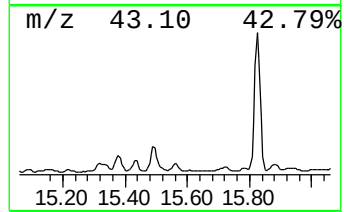
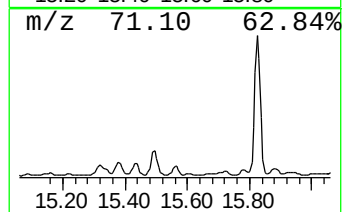
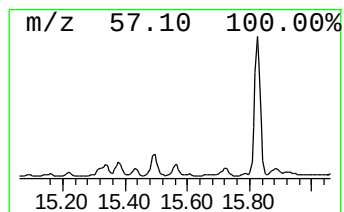
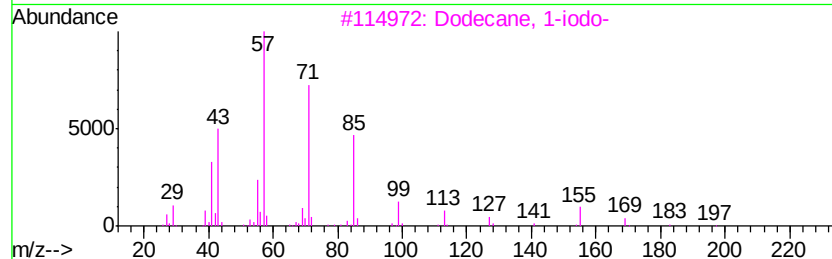
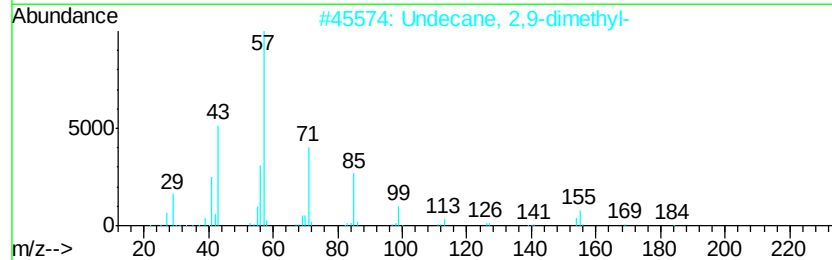
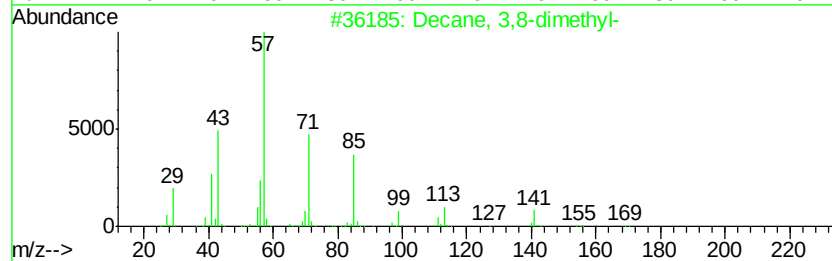
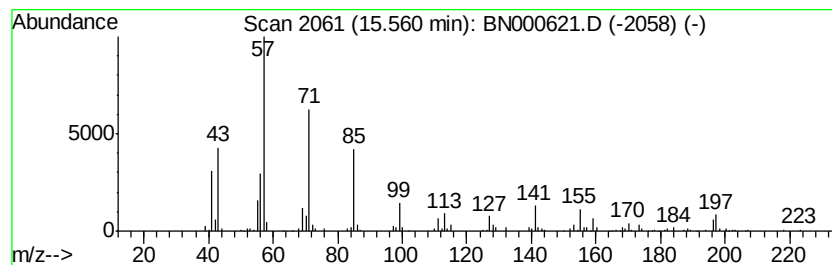
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	5.09 ng/ul	280166	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

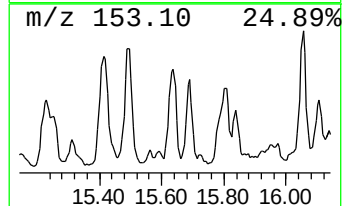
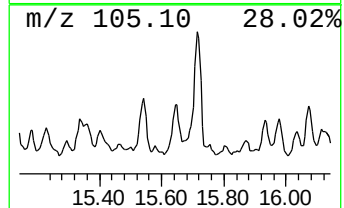
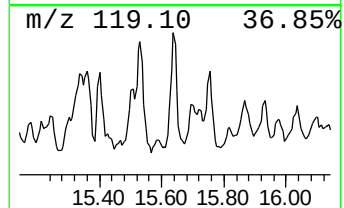
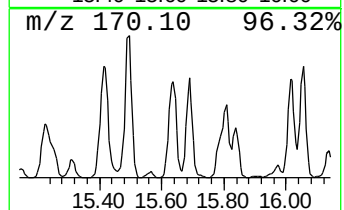
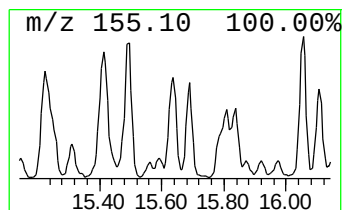
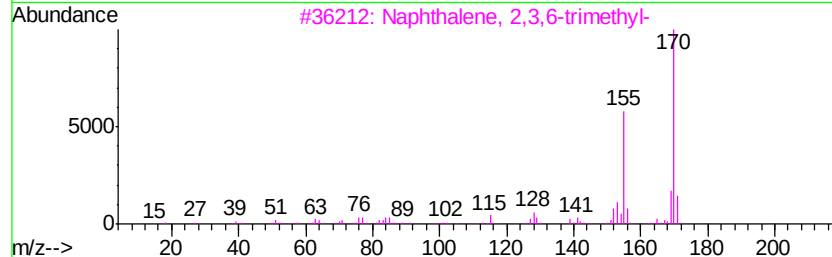
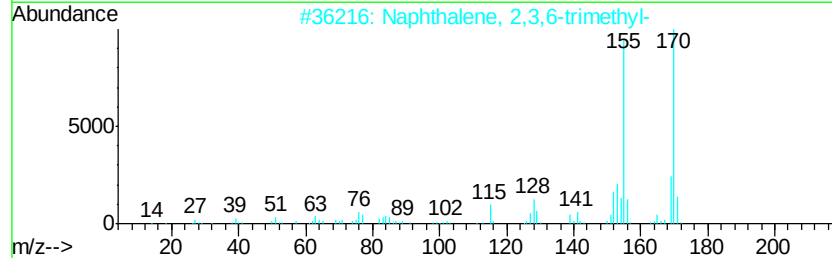
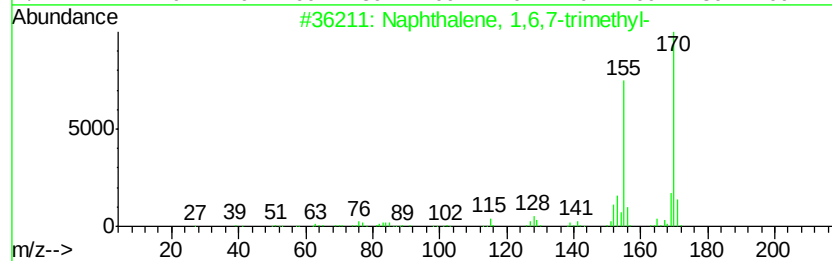
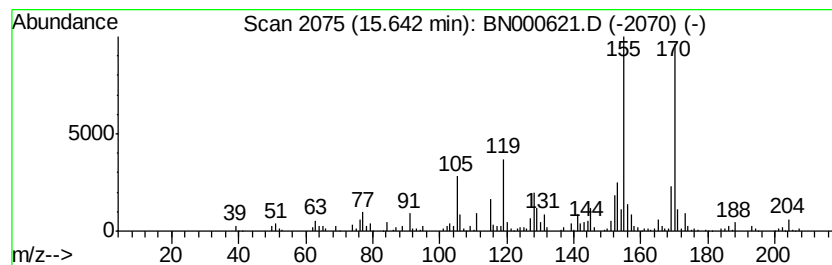
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.90 ng/ul	269894	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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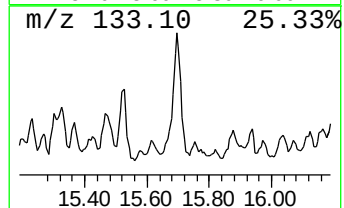
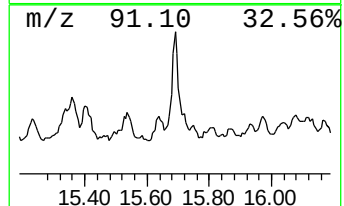
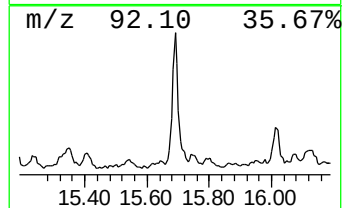
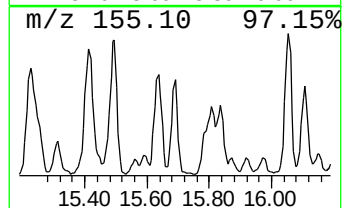
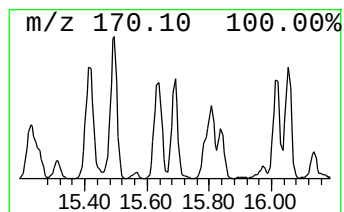
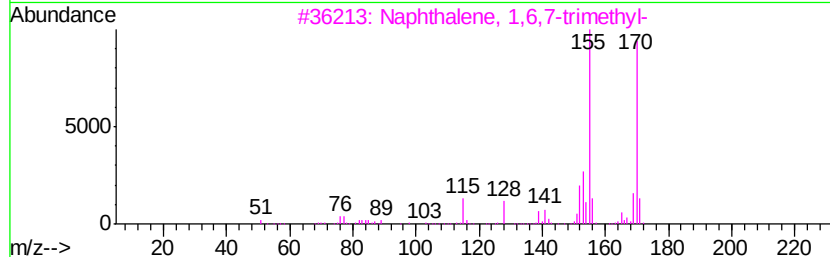
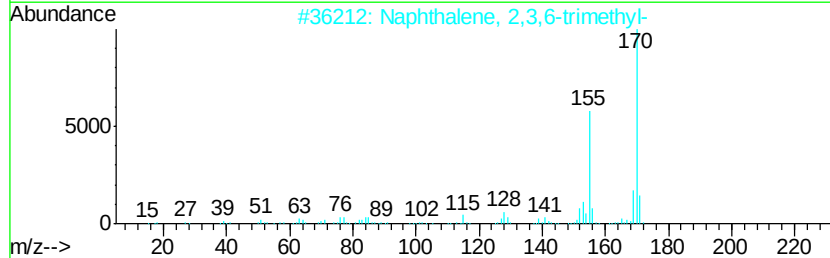
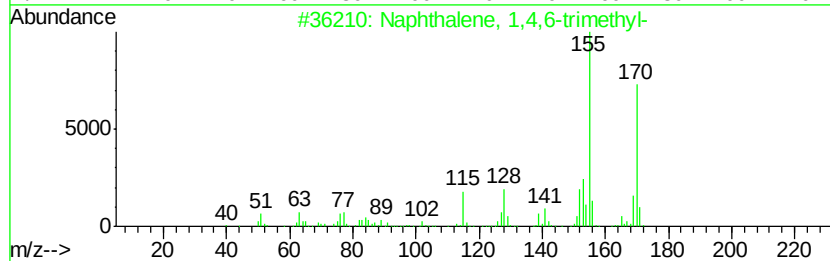
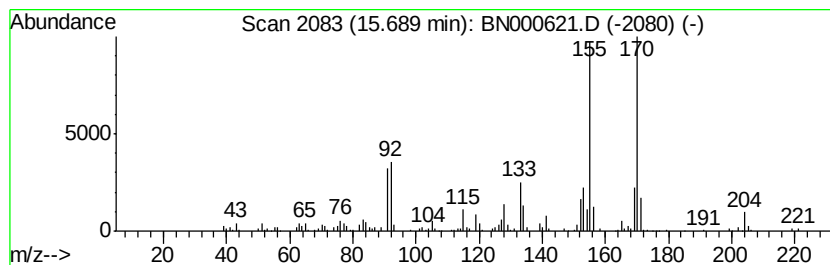
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Naphthalene, 1,4,6-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.59 ng/ul	197751	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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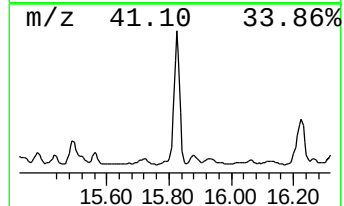
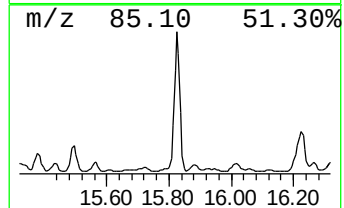
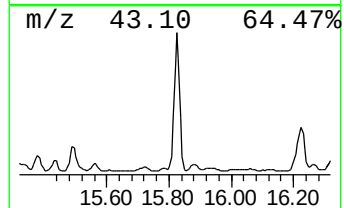
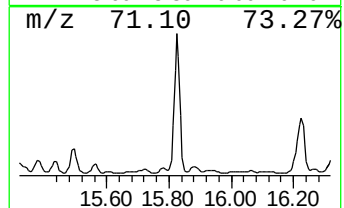
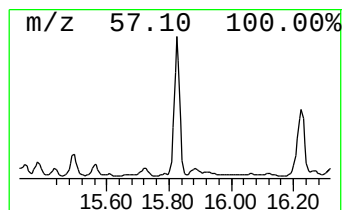
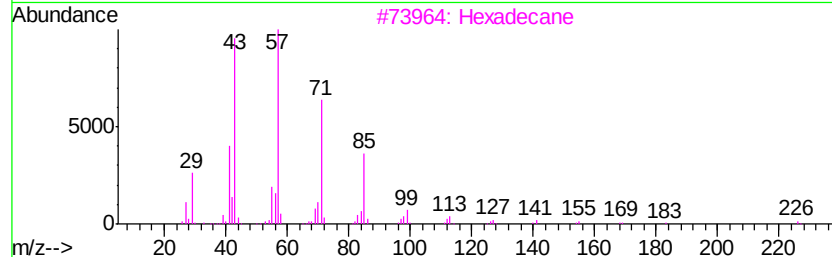
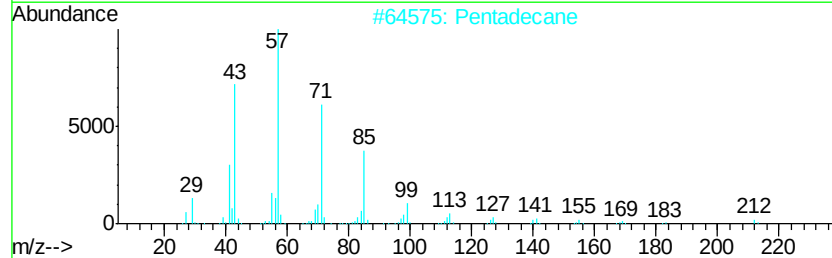
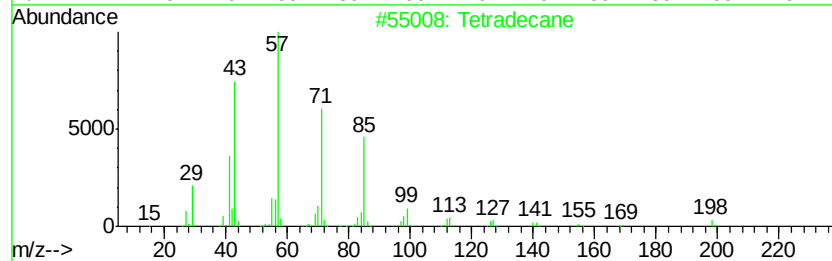
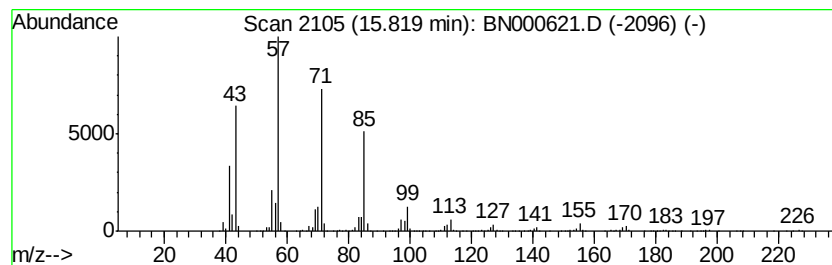
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	63.40 ng/ul	3492820	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Hexadecane	226	C16H34	000544-76-3	86
4		Eicosane	282	C20H42	000112-95-8	83
5		Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000621.D
 Acq On : 26 Mar 2018 15:54
 Operator : JU/SJ
 Sample : J1986-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ0

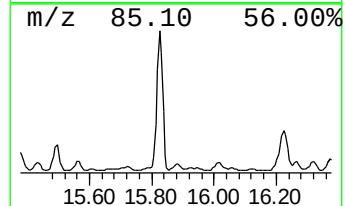
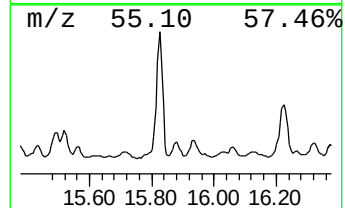
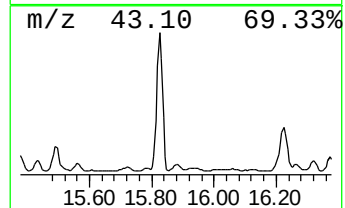
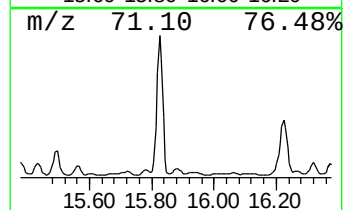
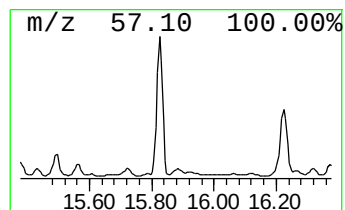
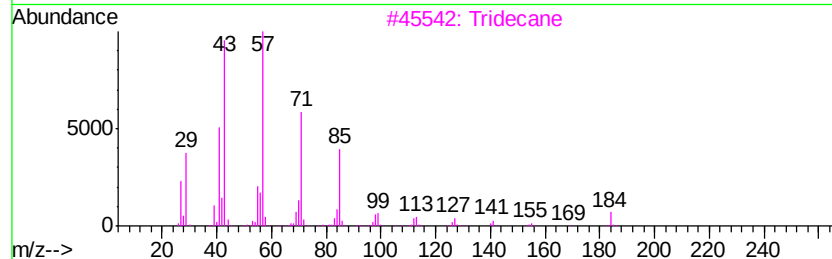
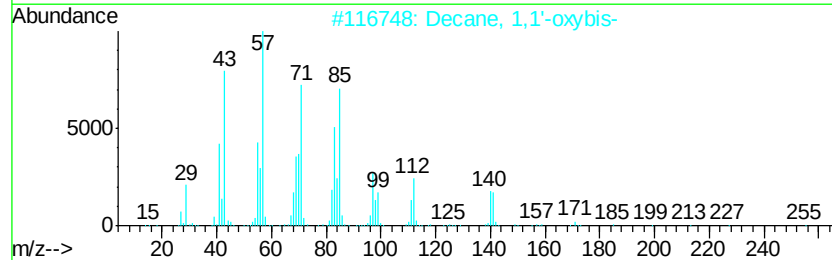
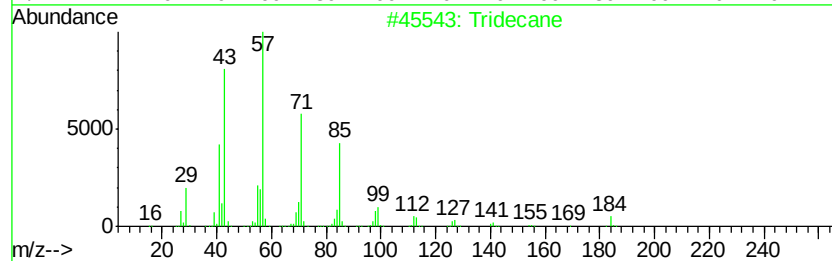
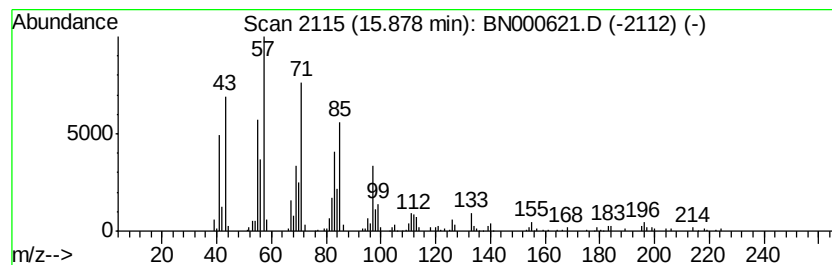
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	3.88 ng/ul	213787	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	60
2			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	58
3			Tridecane	184	C13H28	000629-50-5	53
4			1-Dodecene	168	C12H24	000112-41-4	42
5			Cyclotetradecane	196	C14H28	000295-17-0	38



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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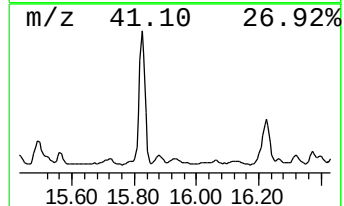
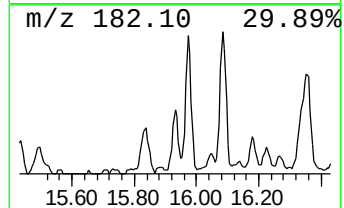
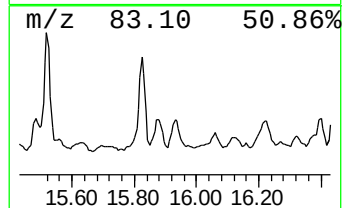
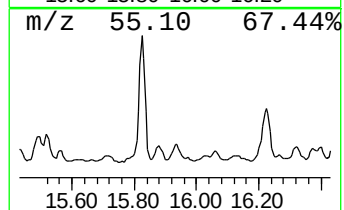
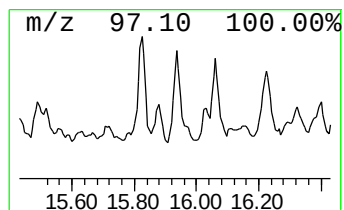
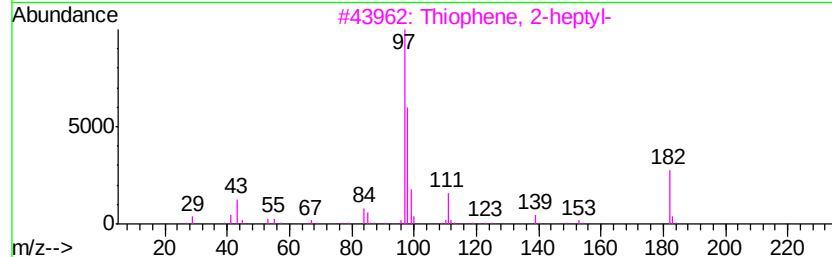
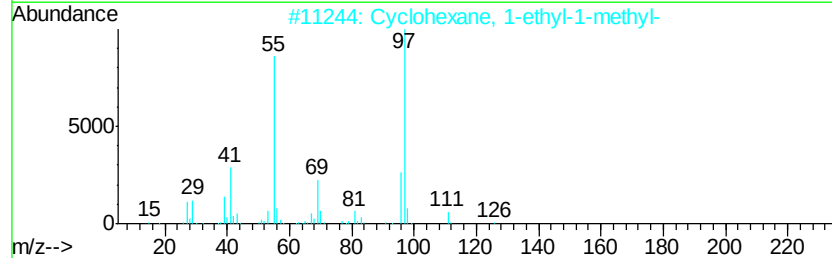
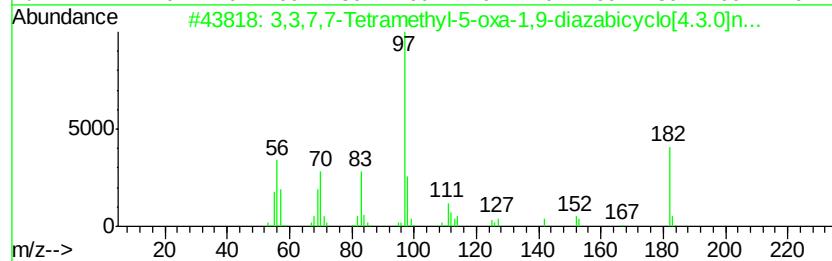
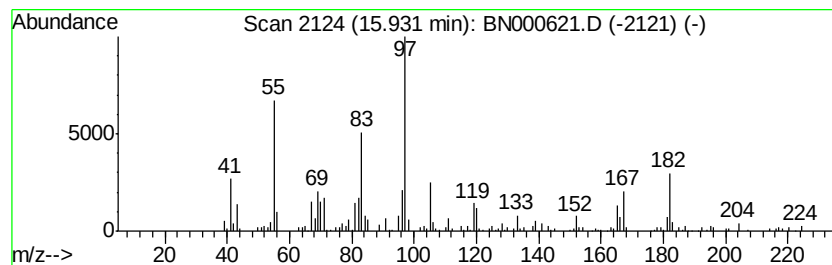
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-06 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.26 ng/ul	179811	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3,7,7-Tetramethyl-5-oxa-1,9-di...	182	C10H18N2O	090832-25-0	38
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
3			Thiophene, 2-heptyl-	182	C11H18S	018794-78-0	38
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	35
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	35



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

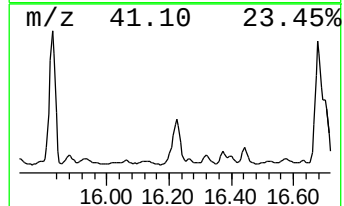
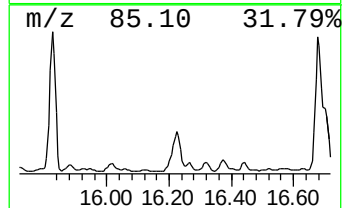
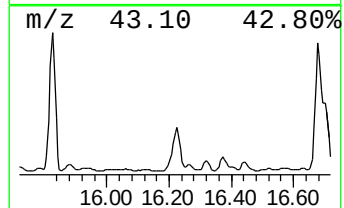
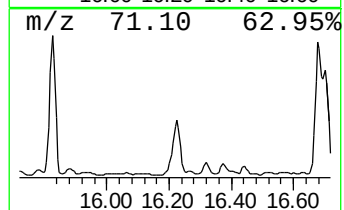
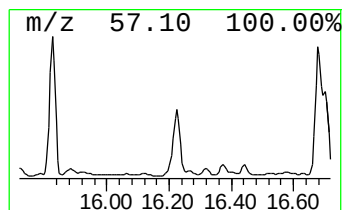
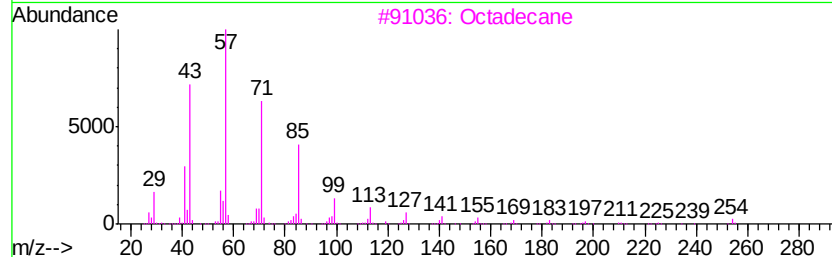
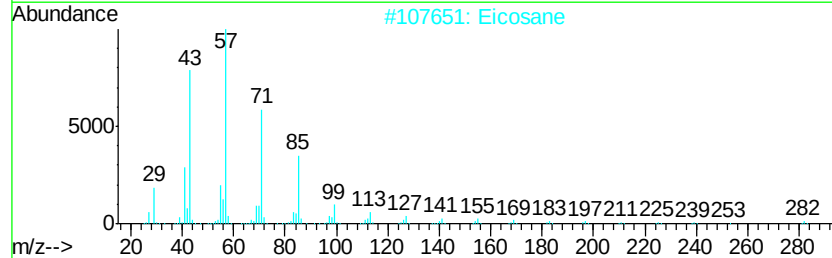
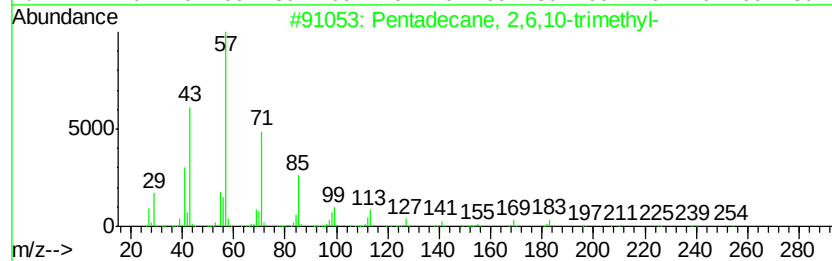
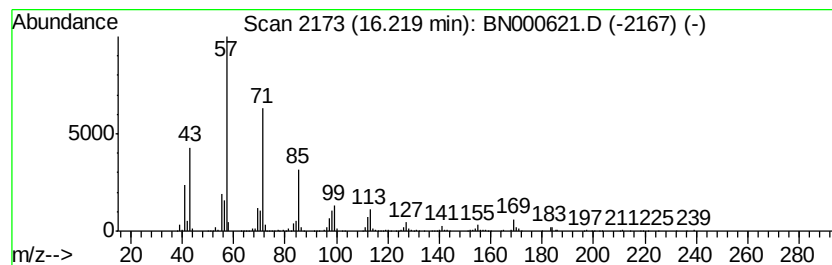
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	31.38 ng/ul	1728910	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Eicosane	282	C20H42	000112-95-8	80
3		Octadecane	254	C18H38	000593-45-3	80
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

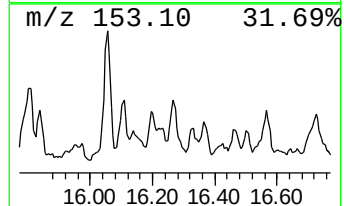
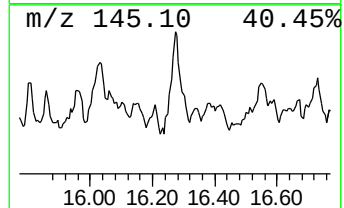
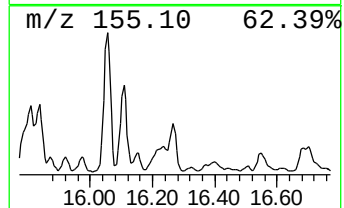
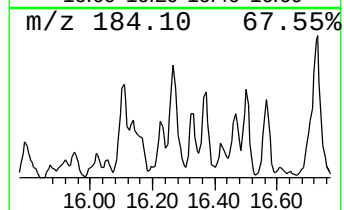
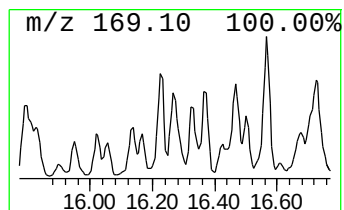
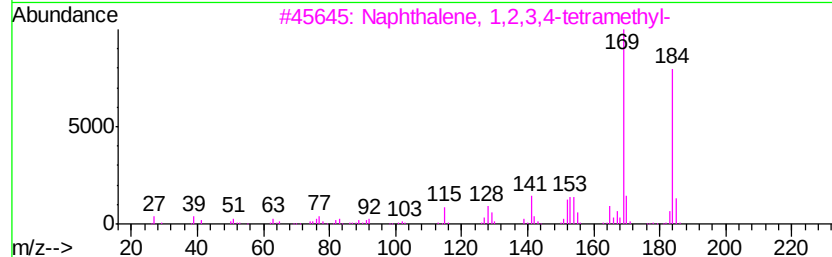
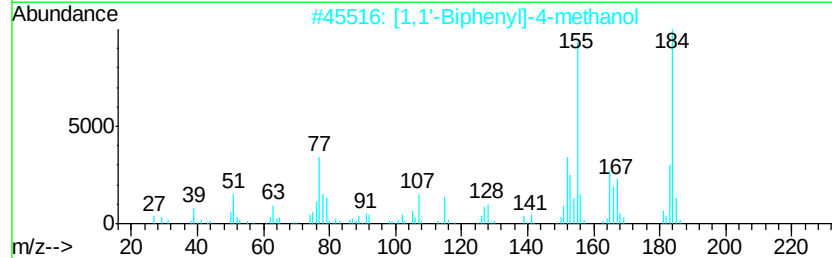
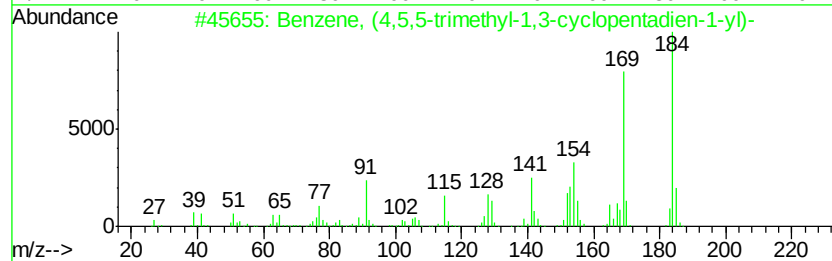
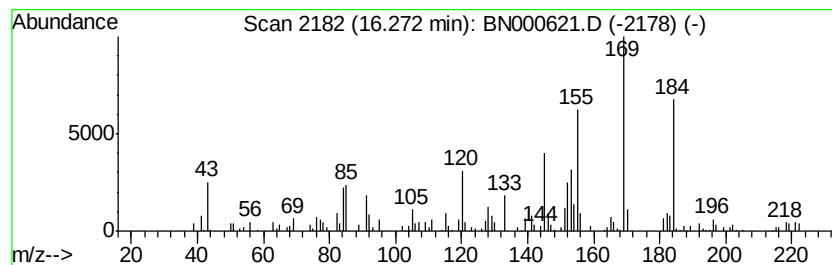
Instrument :
BNA_N
ClientSampleId :
BEEJ0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 unknown-07 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	4.72 ng/ul	260090	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (4,5,5-trimethyl-1,3-cv...	184 C14H16	033930-85-7 43
2		[1,1'-Biphenyl]-4-methanol	184 C13H12O	003597-91-9 43
3		Naphthalene, 1,2,3,4-tetramethyl-	184 C14H16	003031-15-0 43
4		3-Biphenylmethanol	184 C13H12O	069605-90-9 43
5		3,4,4-Trimethyl-5-methylene-2-et...	184 C9H16N2S	037120-36-8 41



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

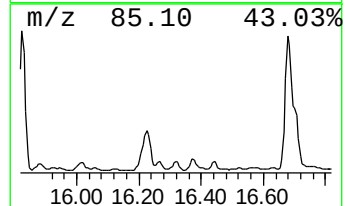
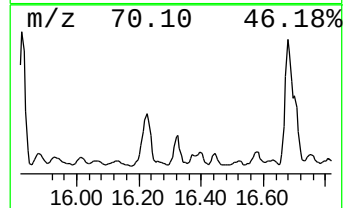
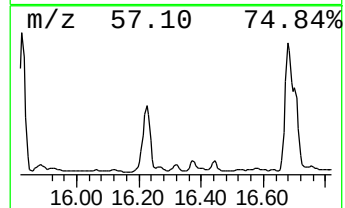
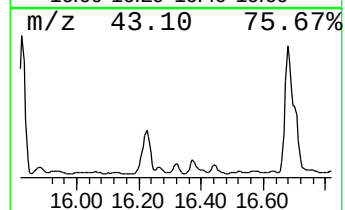
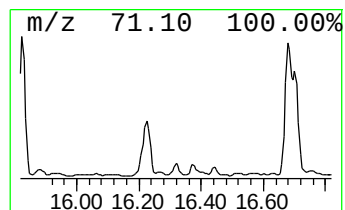
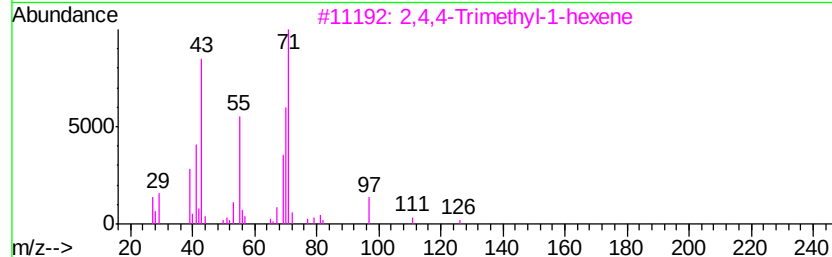
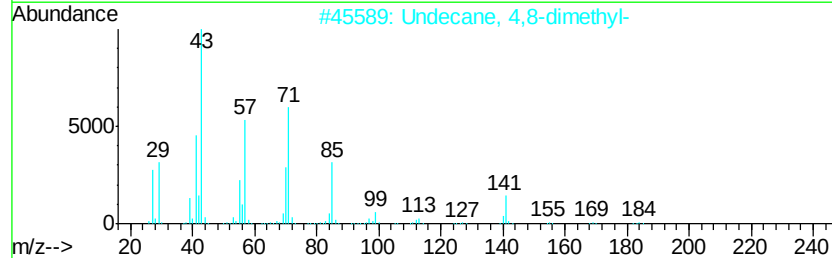
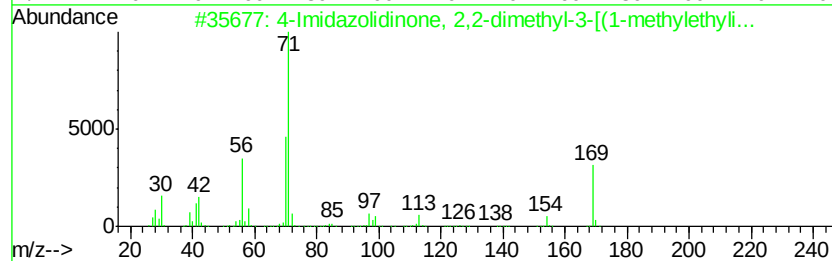
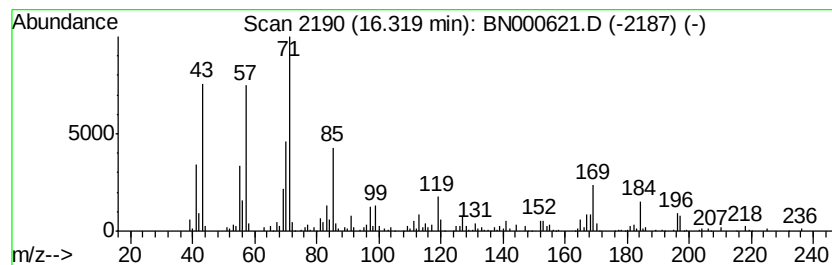
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 unknown-08 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	5.60 ng/ul	308699	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Imidazolidinone, 2,2-dimethyl-...	169 C8H15N3O	142071-78-1 49
2		Undecane, 4,8-dimethyl-	184 C13H28	017301-33-6 43
3		2,4,4-Trimethyl-1-hexene	126 C9H18	051174-12-0 30
4		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 30
5		Ethanedioic acid, bis(3-methylbu...	230 C12H22O4	002051-00-5 30



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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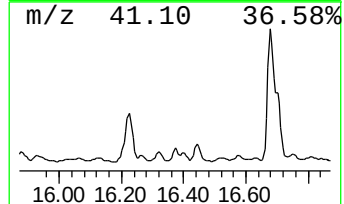
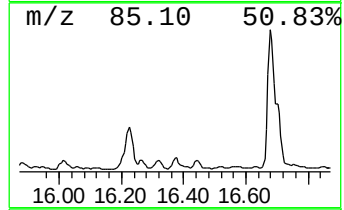
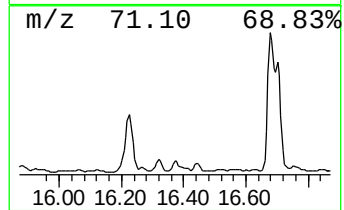
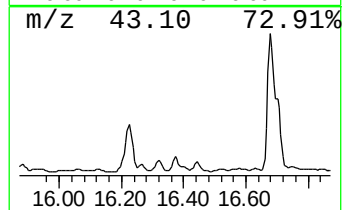
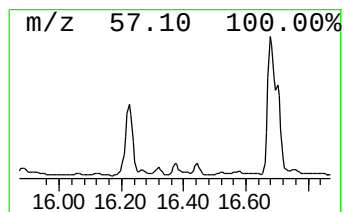
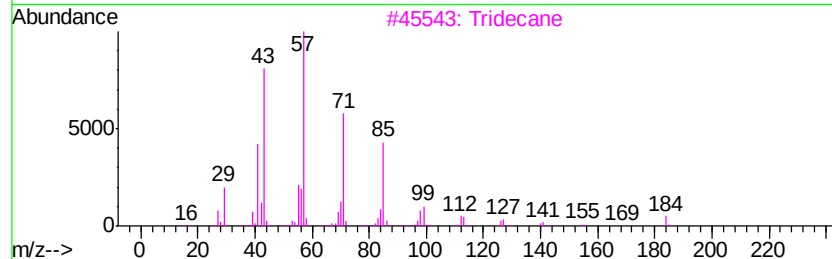
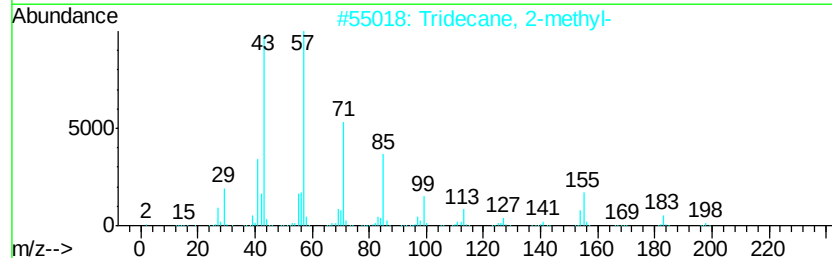
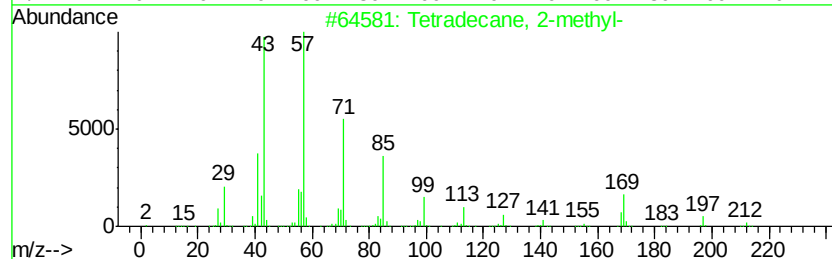
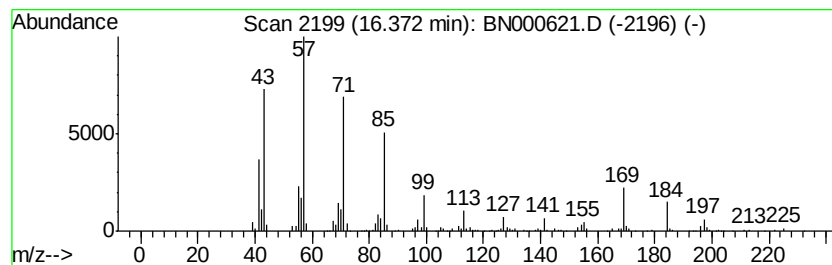
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.51 ng/ul	248323	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	86
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
3			Tridecane	184	C13H28	000629-50-5	74
4			Tridecane	184	C13H28	000629-50-5	74
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	74



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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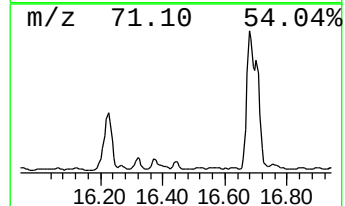
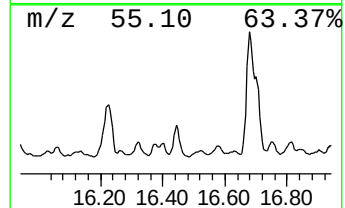
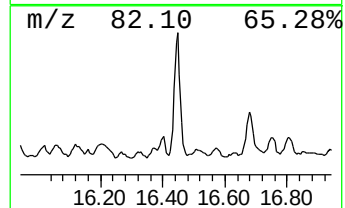
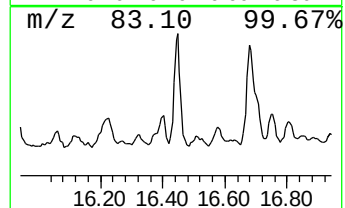
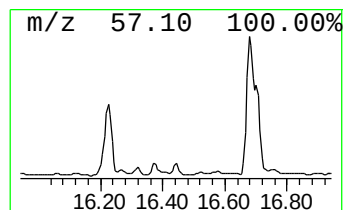
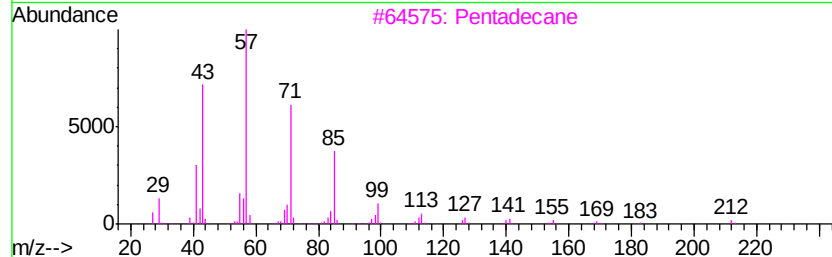
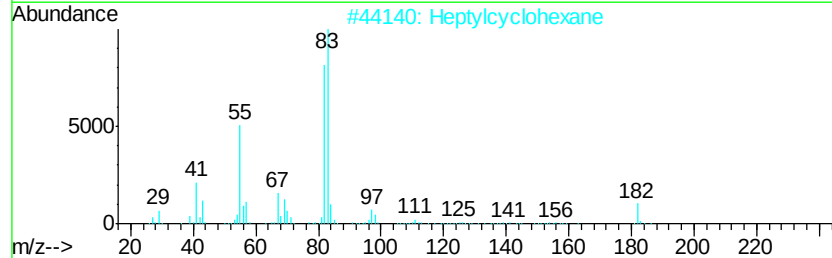
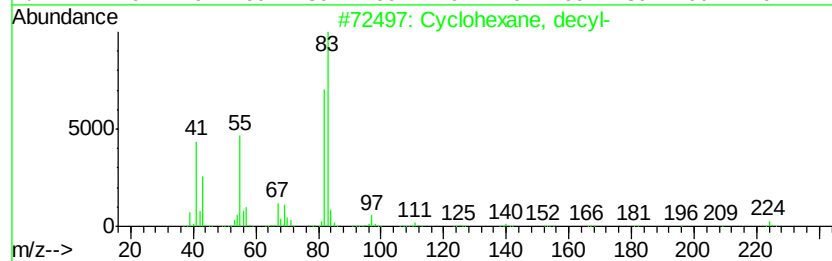
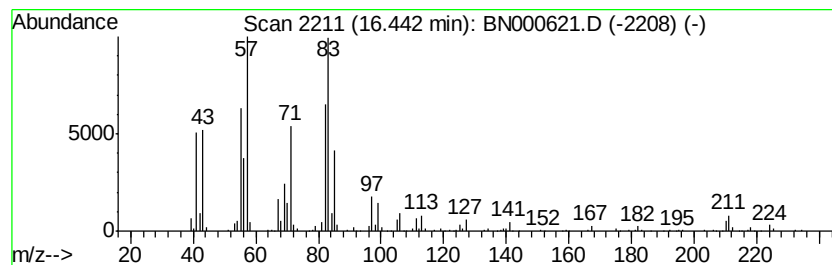
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Cyclic16.44 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.43 ng/ul	474631	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, decyl-	224	C16H32	001795-16-0	49
2			Heptylcyclohexane	182	C13H26	005617-41-4	46
3			Pentadecane	212	C15H32	000629-62-9	46
4			10-Methylnonadecane	282	C20H42	056862-62-5	43
5			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	43



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

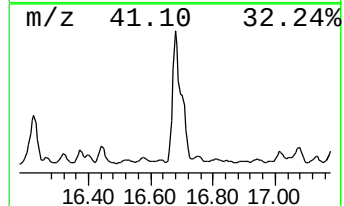
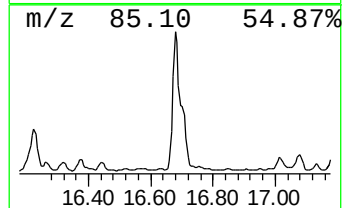
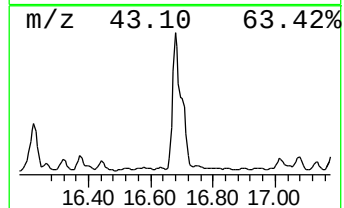
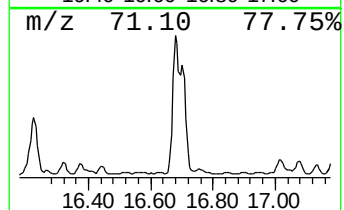
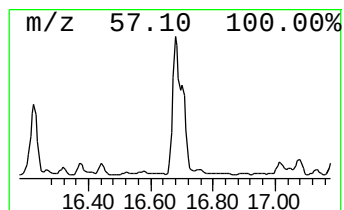
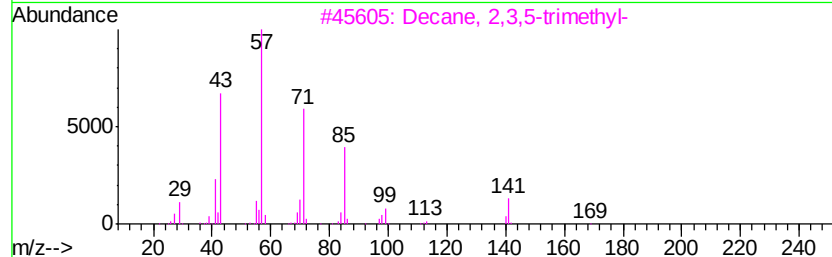
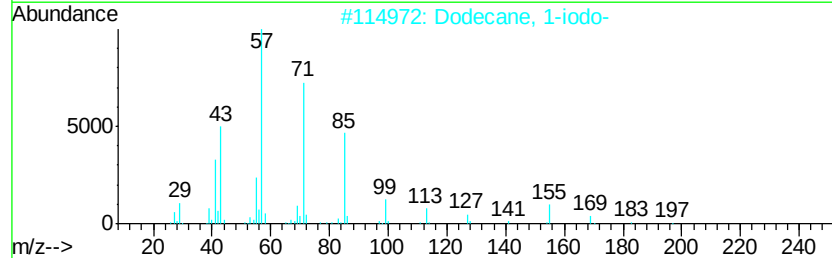
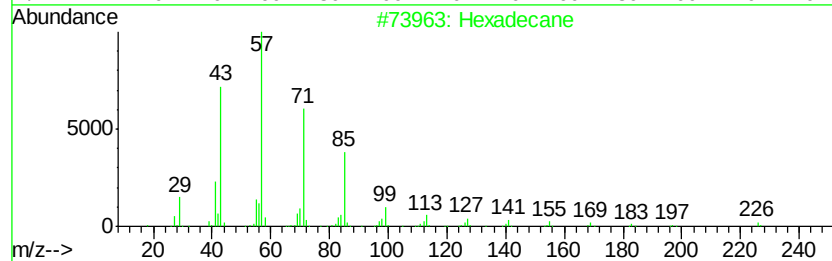
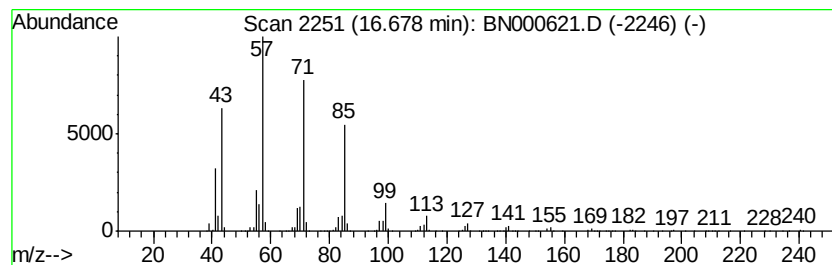
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	46.67 ng/ul	3444670	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Heptacosane	380	C27H56	000593-49-7	80
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	76



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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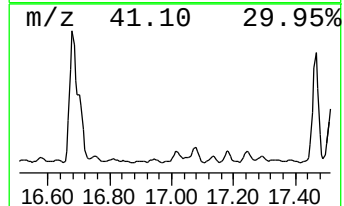
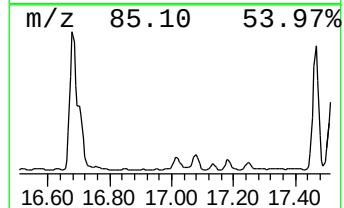
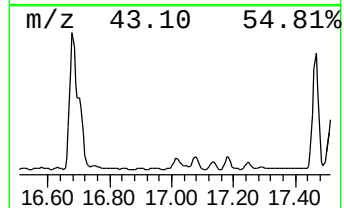
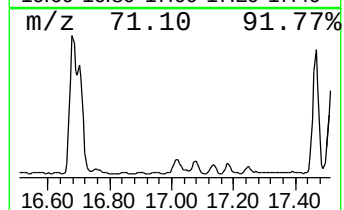
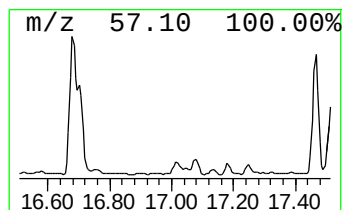
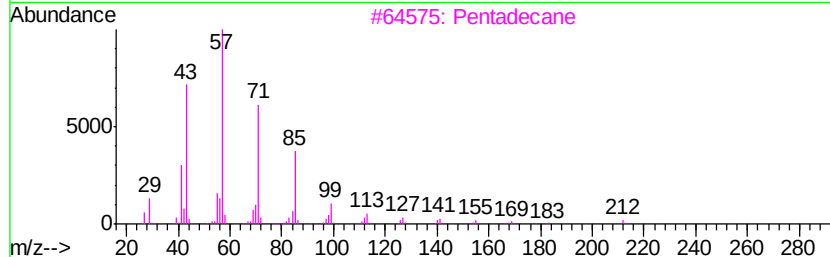
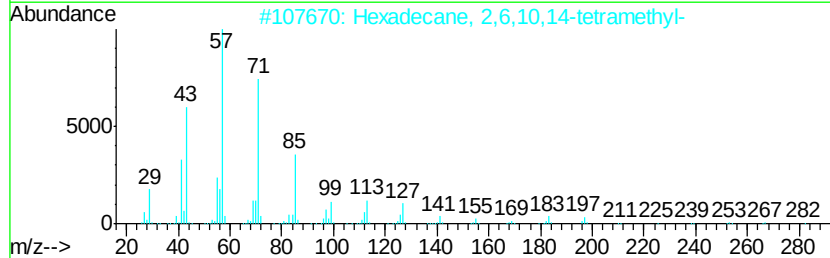
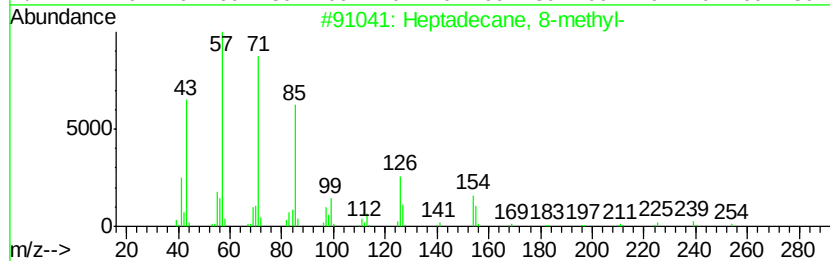
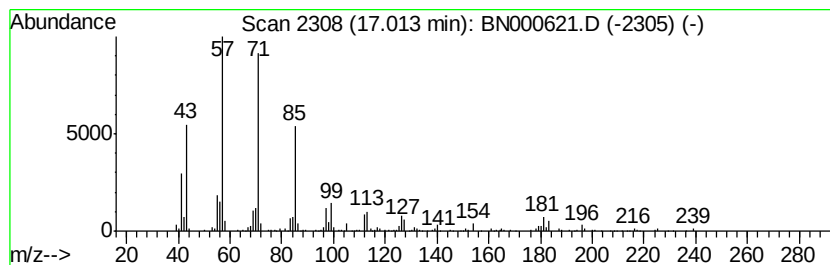
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	4.07 ng/ul	300280	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3			Pentadecane	212	C15H32	000629-62-9	80
4			Heptacosane	380	C27H56	000593-49-7	78
5			Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

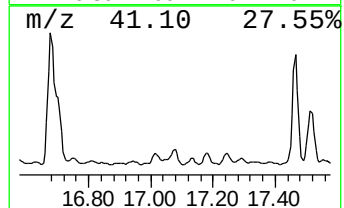
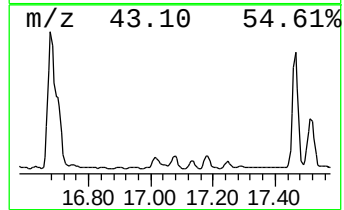
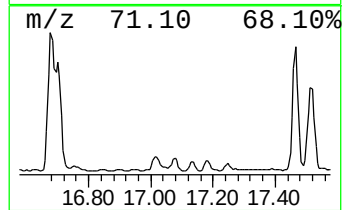
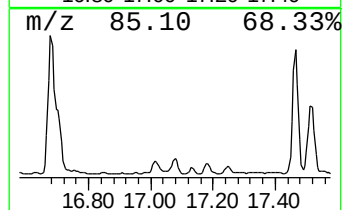
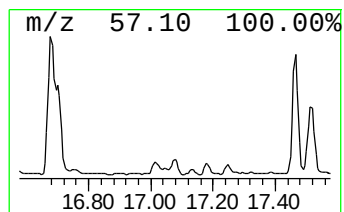
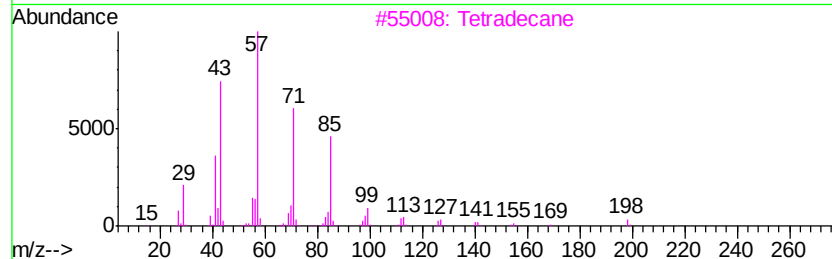
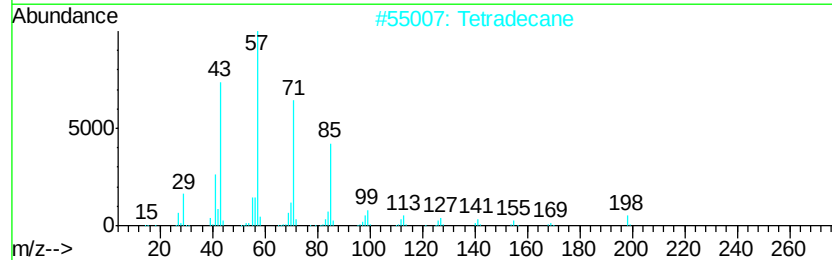
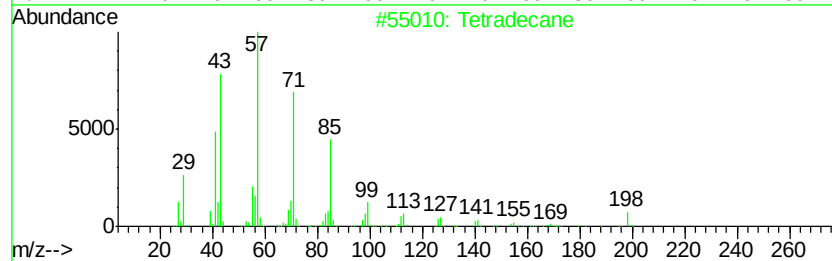
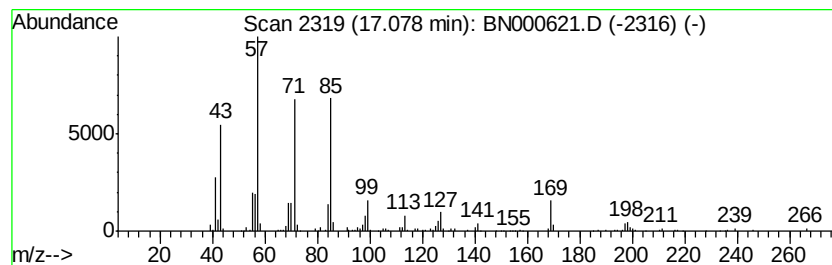
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	5.08 ng/ul	375292	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Pentadecane	212	C15H32	000629-62-9	80
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	80



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

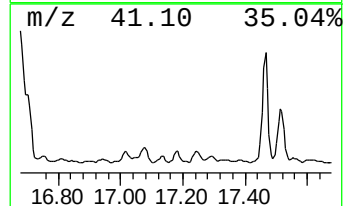
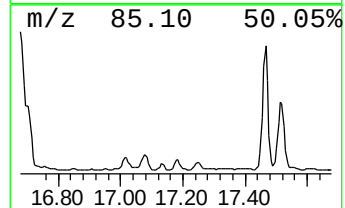
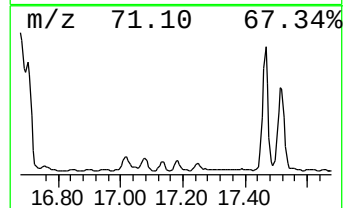
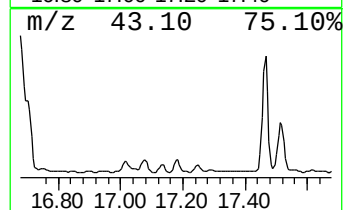
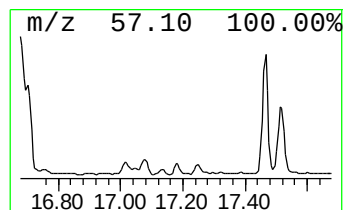
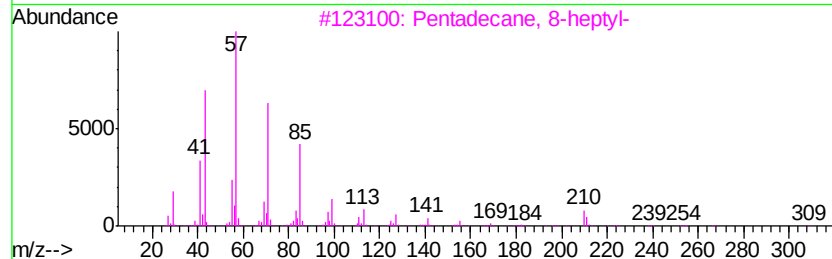
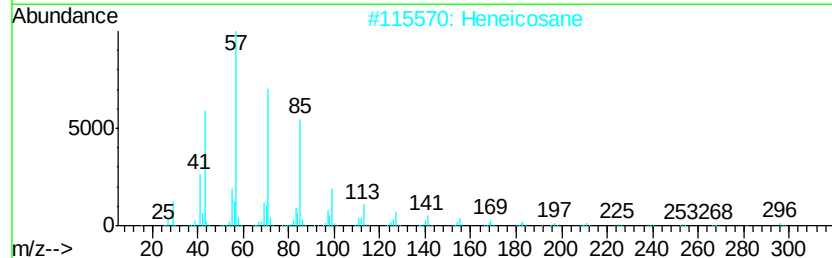
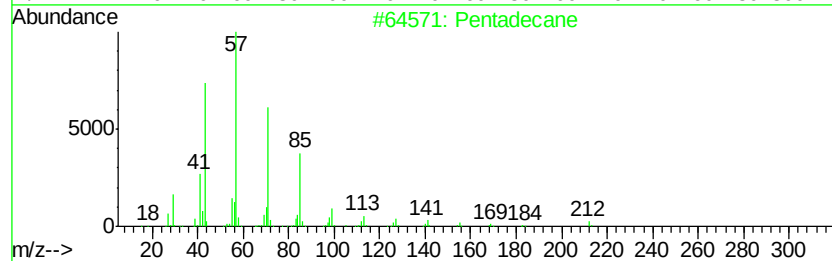
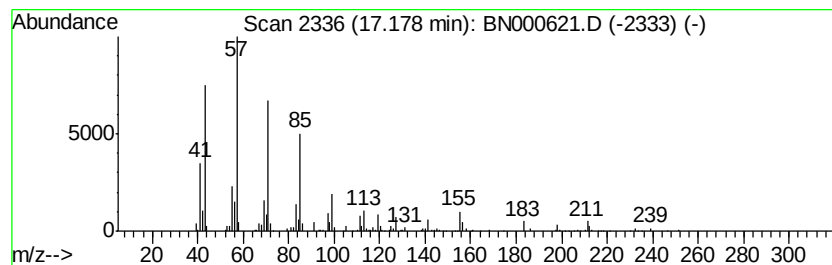
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	4.87 ng/ul	359282	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

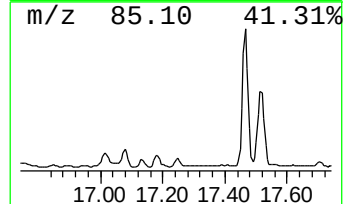
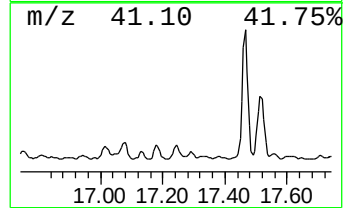
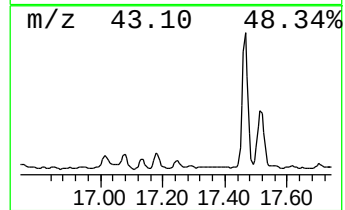
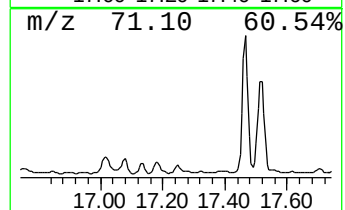
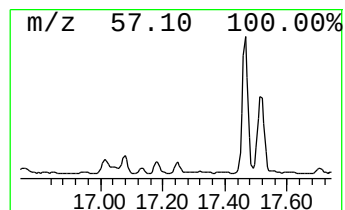
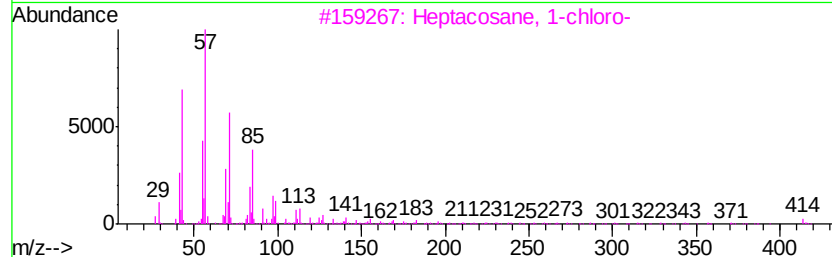
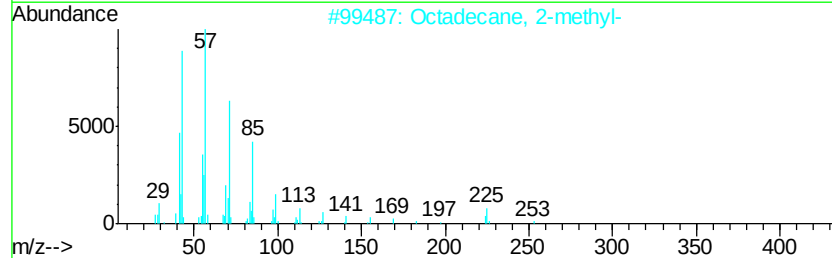
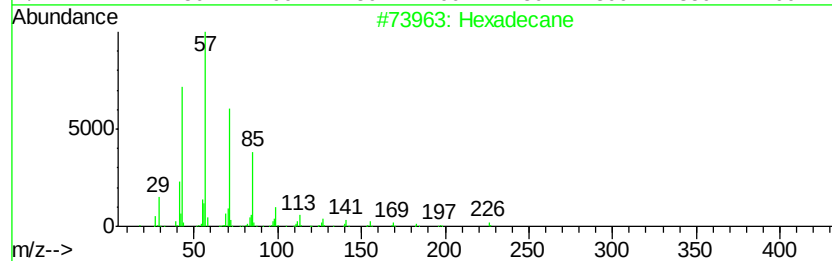
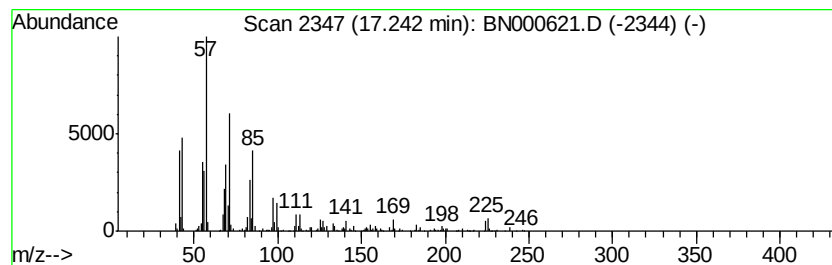
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	4.06 ng/ul	299856	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
4			Octacosane	394	C28H58	000630-02-4	64
5			Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

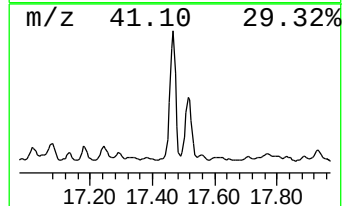
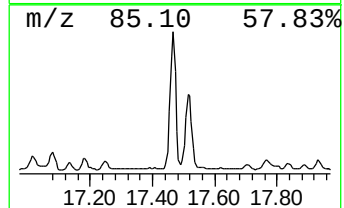
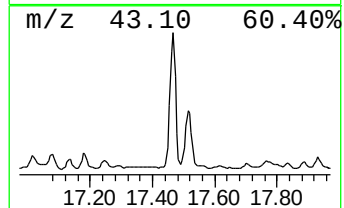
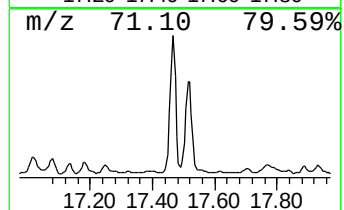
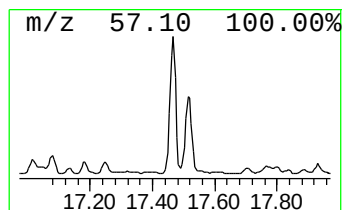
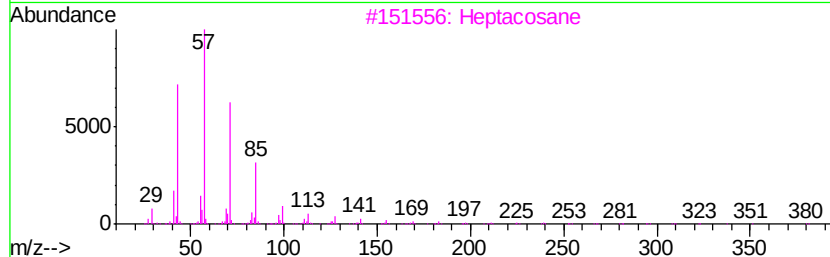
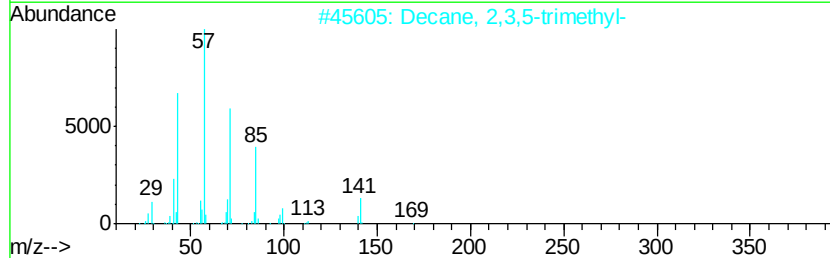
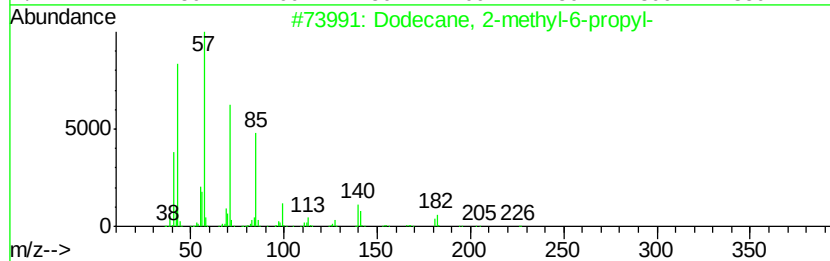
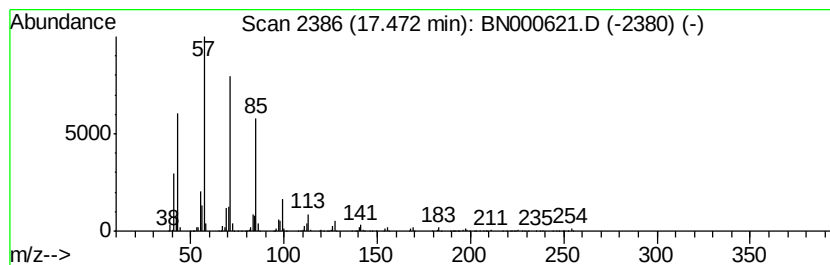
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	31.89 ng/ul	2353790	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Heptacosane	380	C27H56	000593-49-7	80
4		Heptadecane	240	C17H36	000629-78-7	76
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	74



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

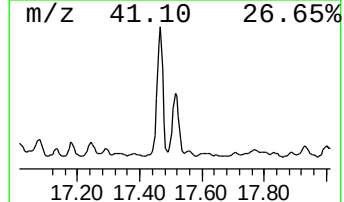
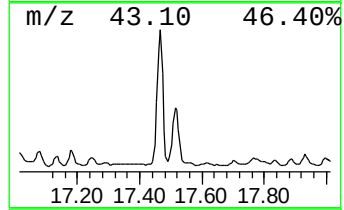
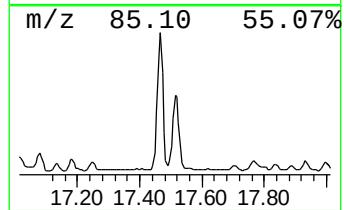
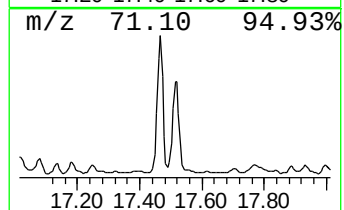
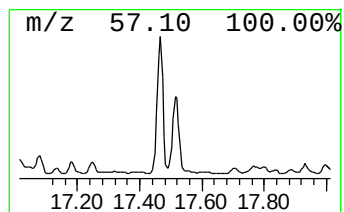
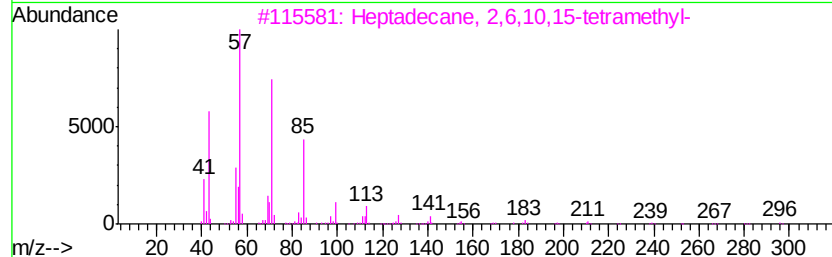
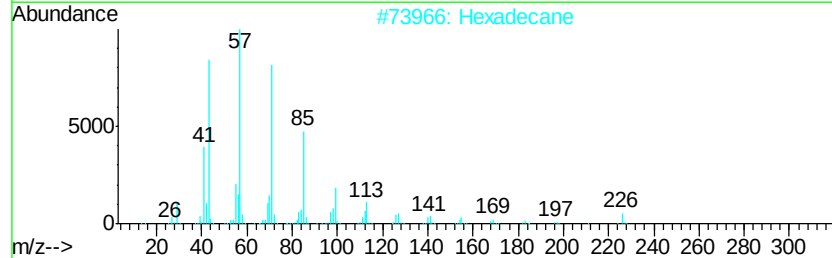
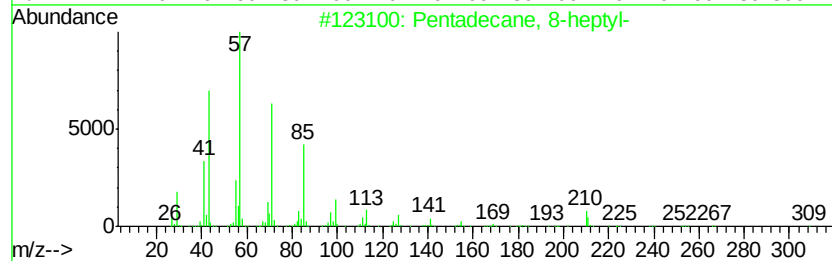
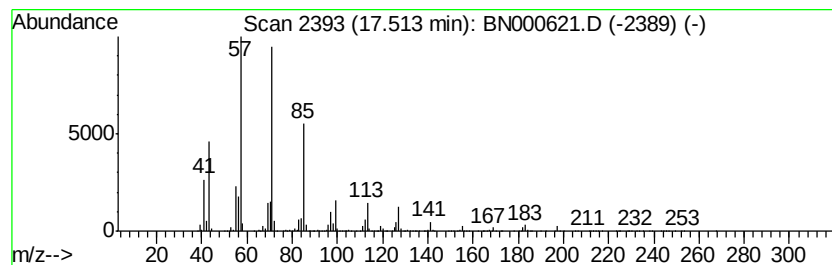
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	21.87 ng/ul	1614500	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

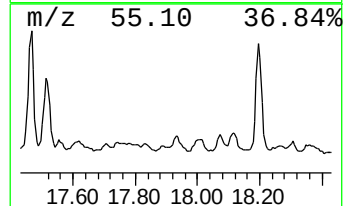
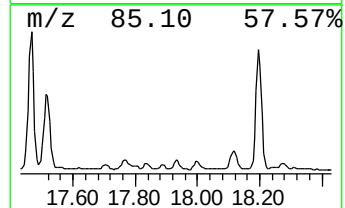
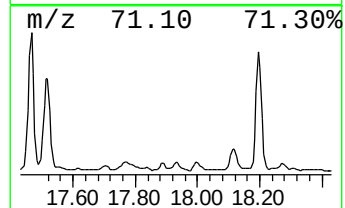
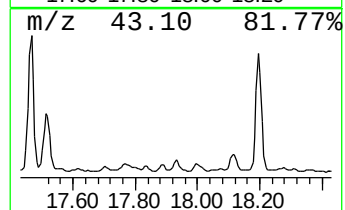
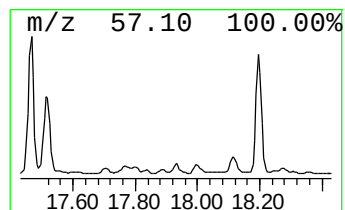
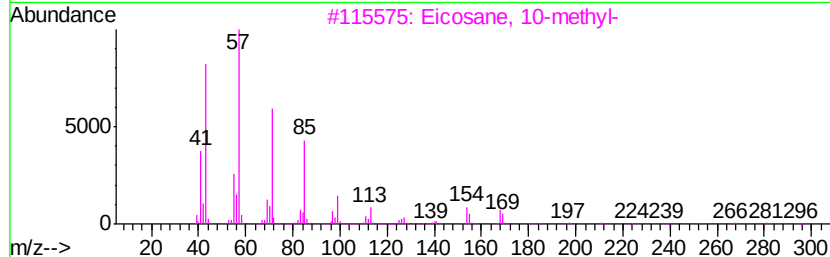
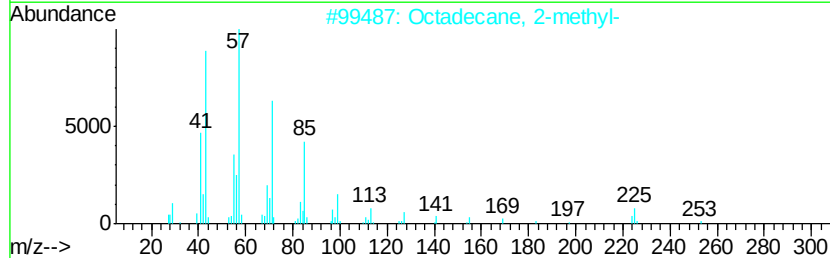
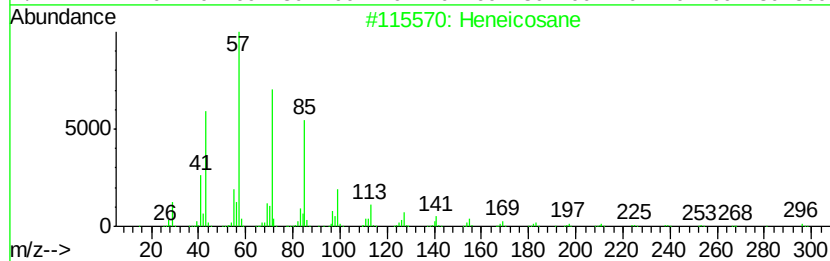
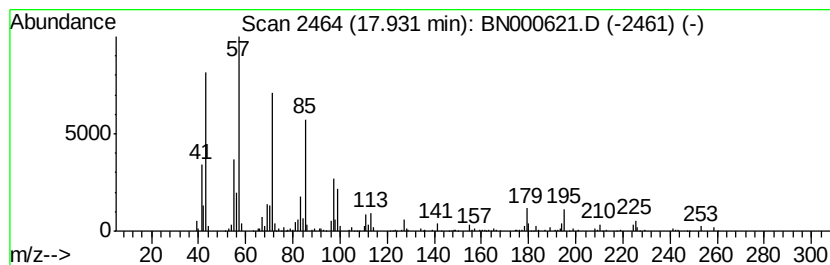
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.34 ng/ul	320600	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	68
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4			Nonadecane	268	C19H40	000629-92-5	58
5			Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

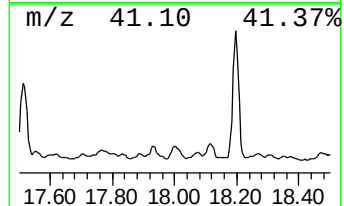
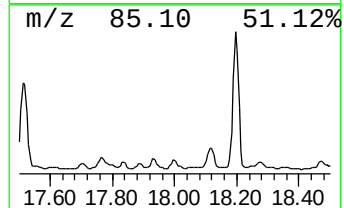
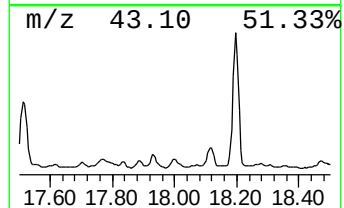
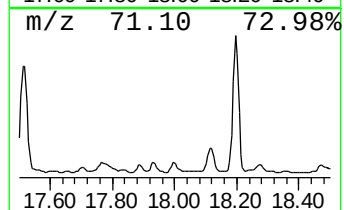
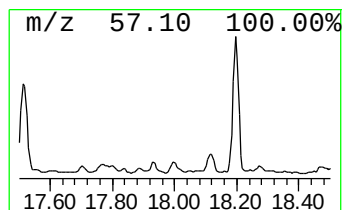
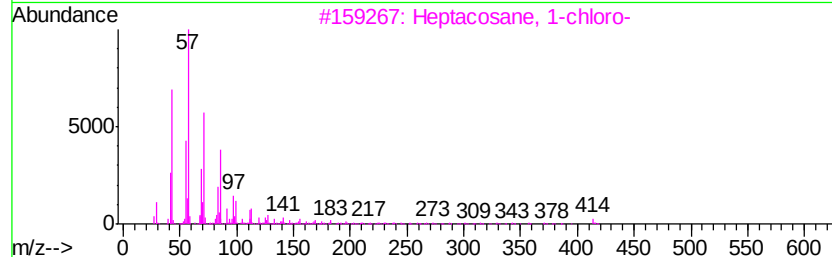
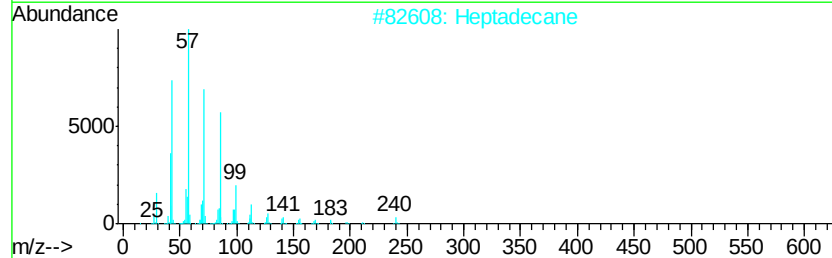
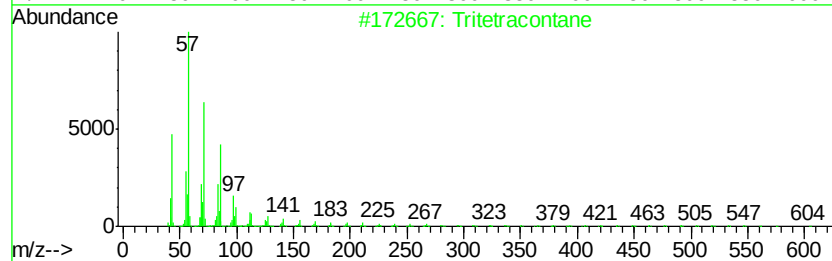
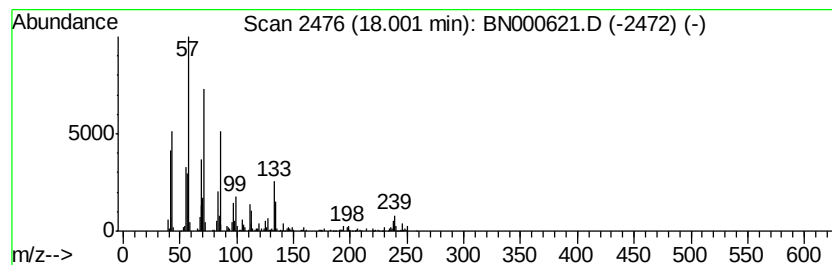
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.24 ng/ul	312971	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	68
2			Heptadecane	240	C17H36	000629-78-7	64
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
4			Tetratetracontane	619	C44H90	007098-22-8	58
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	58



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

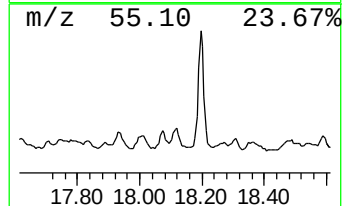
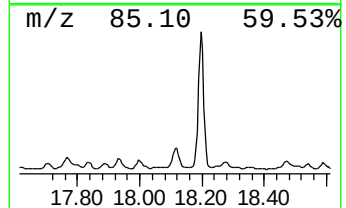
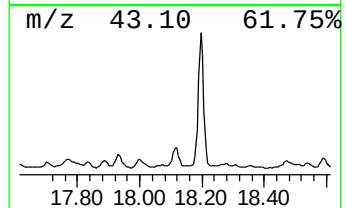
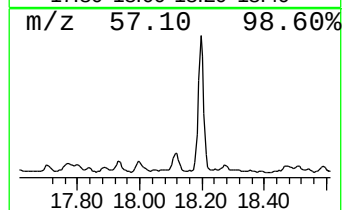
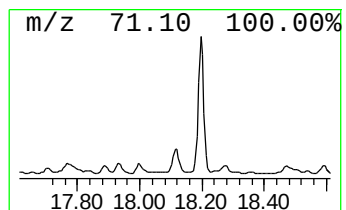
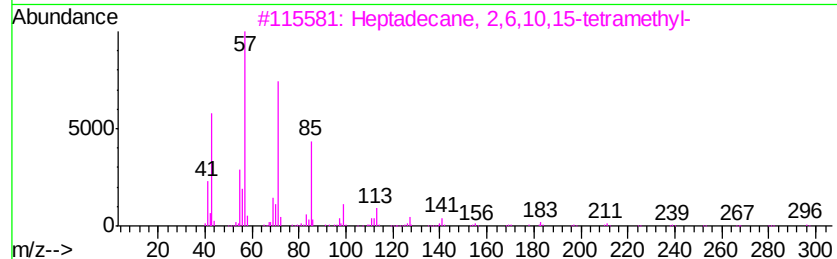
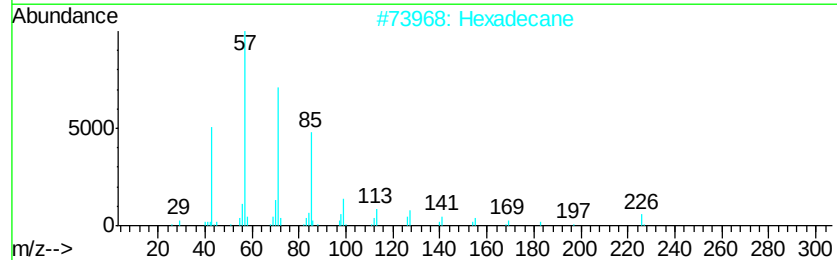
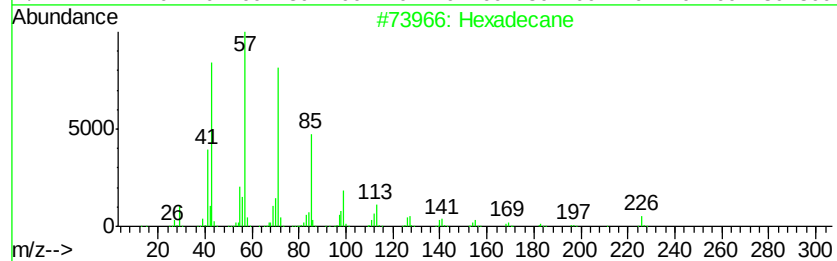
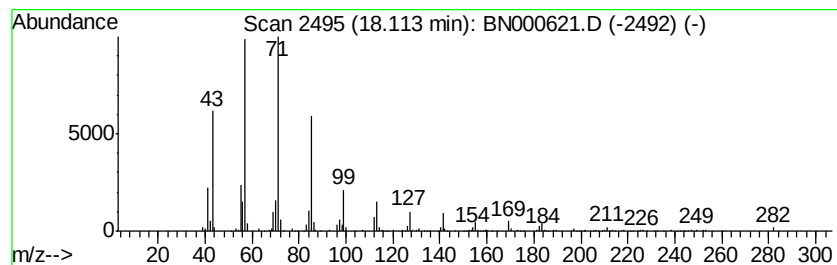
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	4.36 ng/ul	321938	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

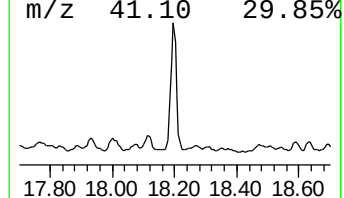
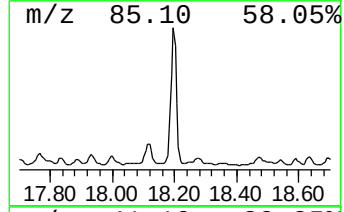
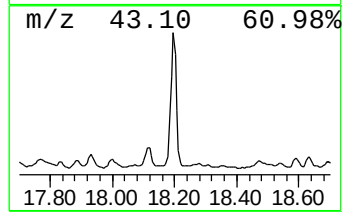
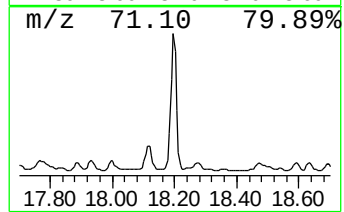
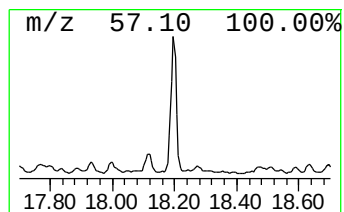
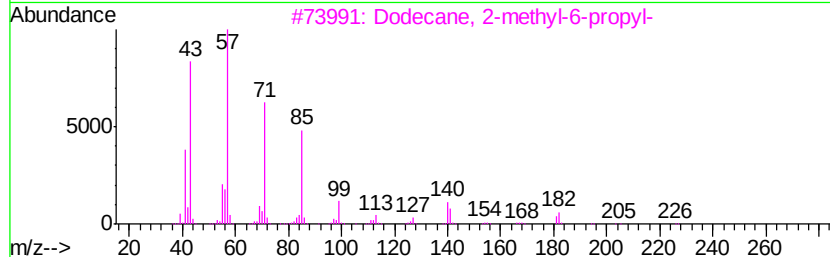
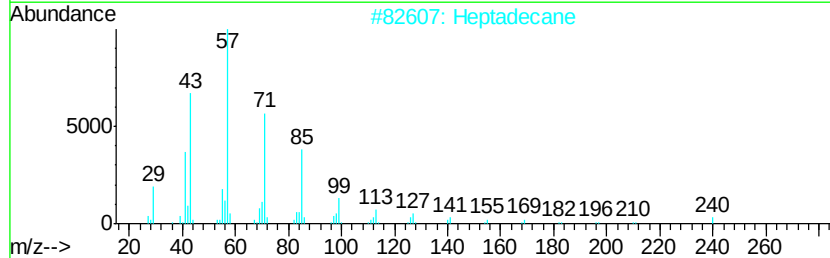
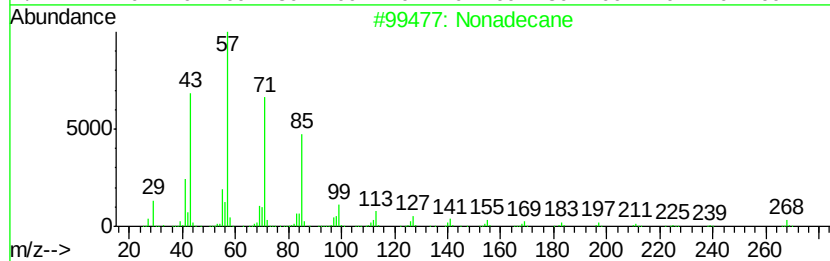
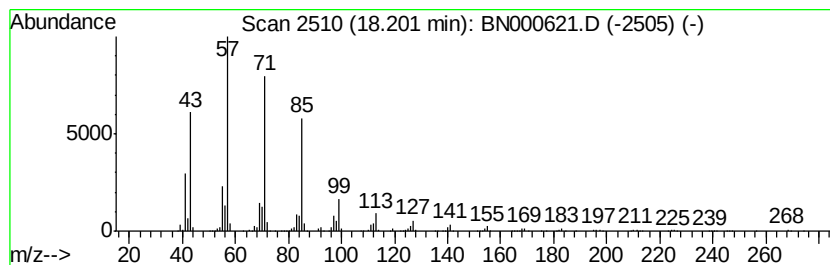
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	30.26 ng/ul	2233240	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

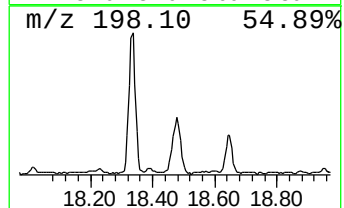
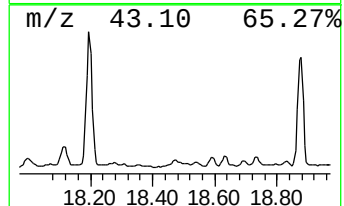
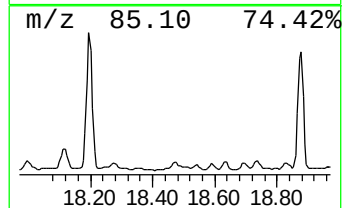
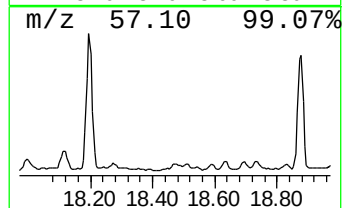
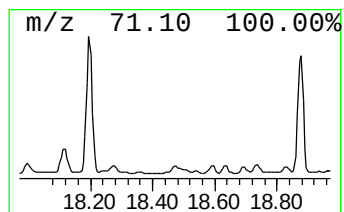
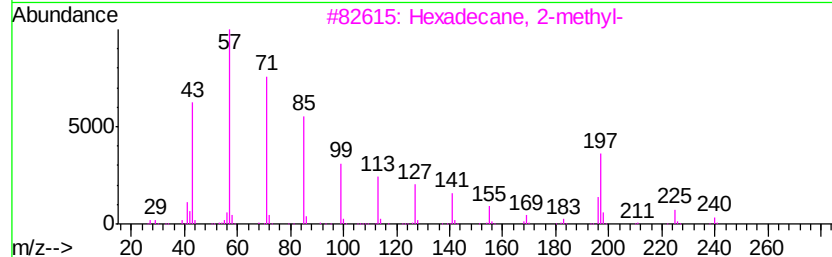
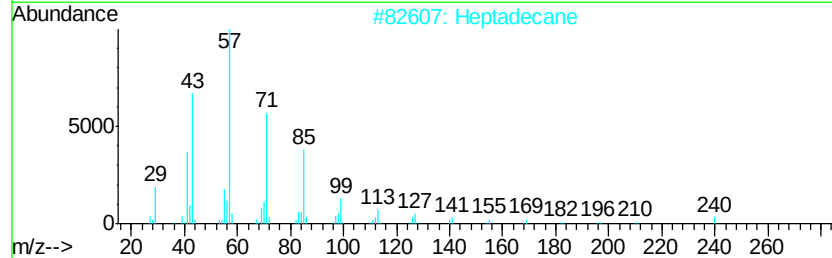
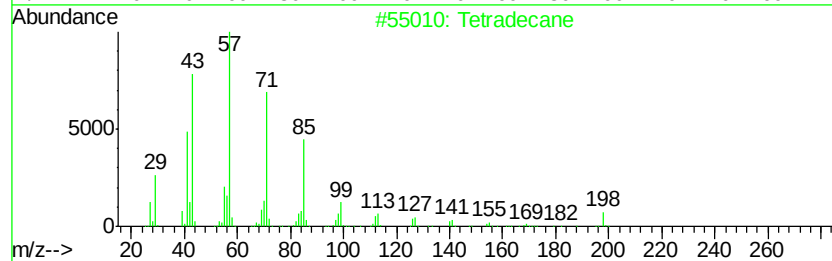
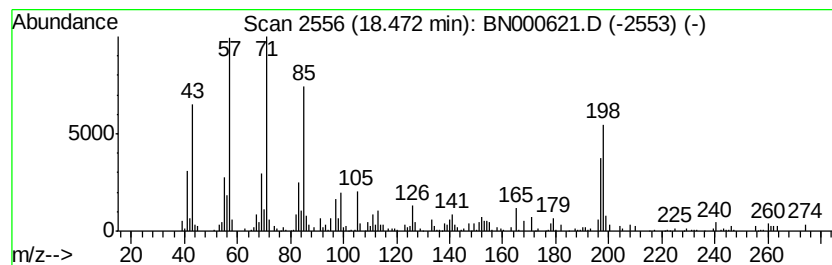
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.95 ng/ul	217756	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	72
2			Heptadecane	240	C17H36	000629-78-7	70
3			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	62
4			10-Methylnonadecane	282	C20H42	056862-62-5	58
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	53



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

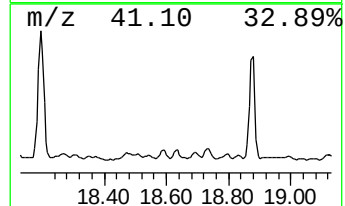
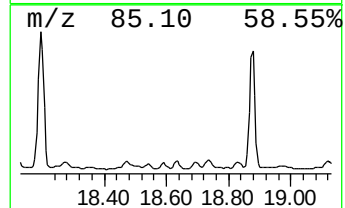
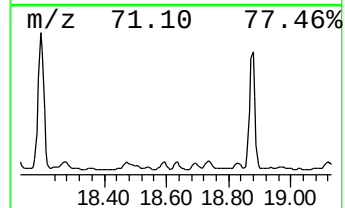
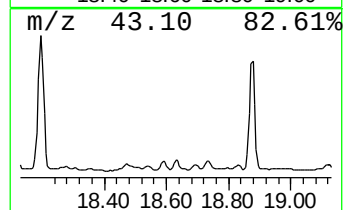
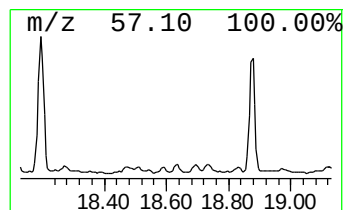
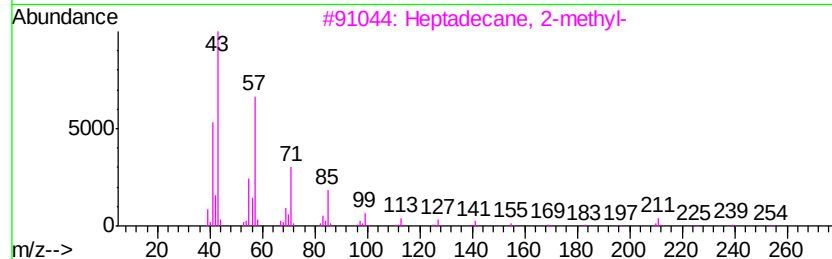
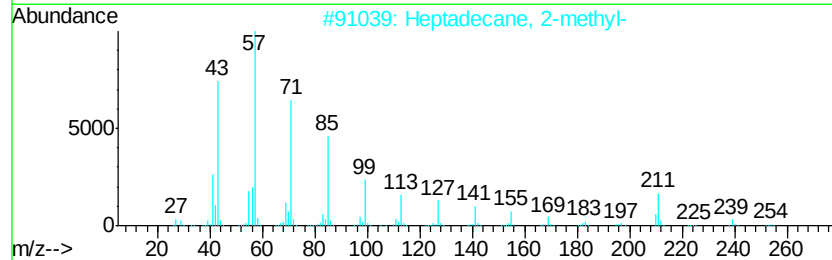
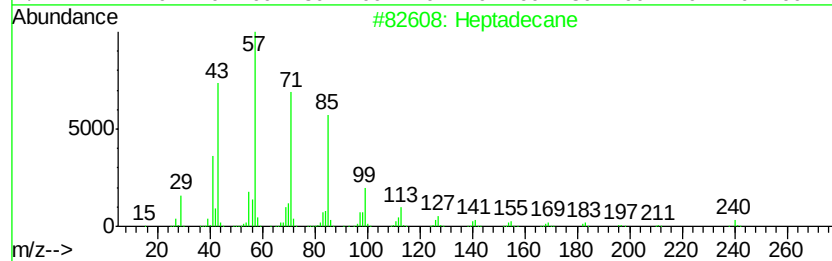
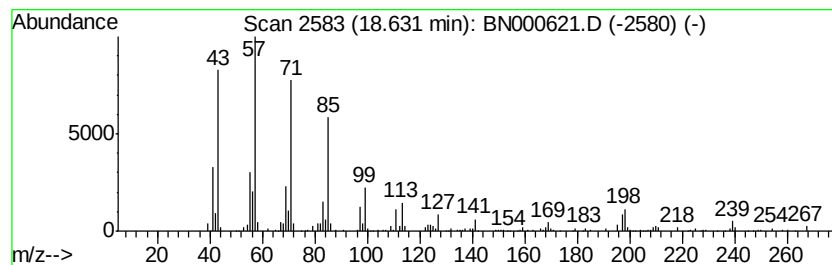
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.18 ng/ul	161050	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	87
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
3			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5			Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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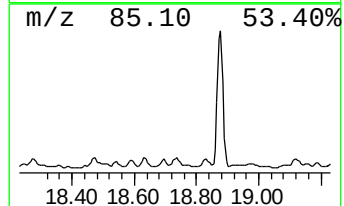
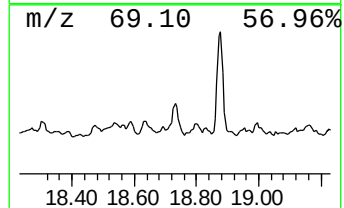
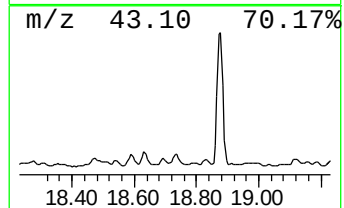
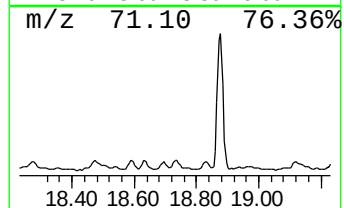
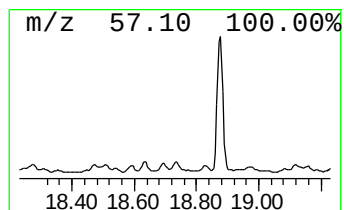
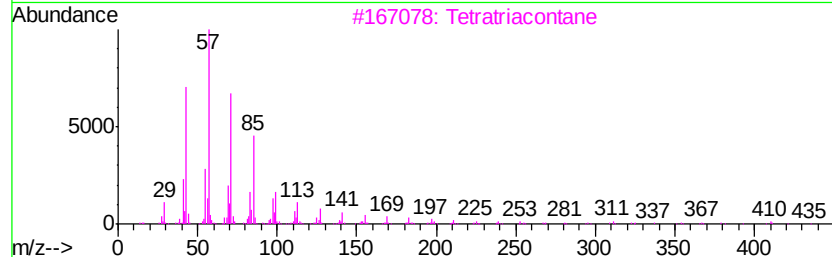
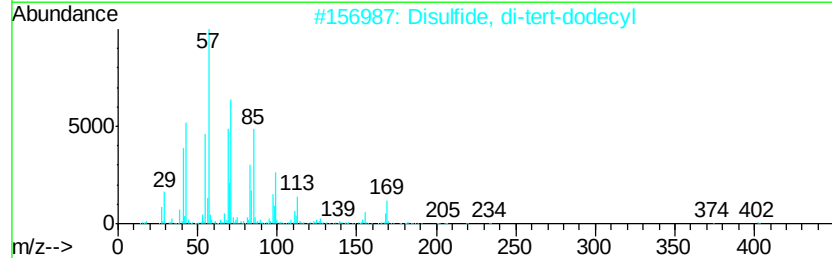
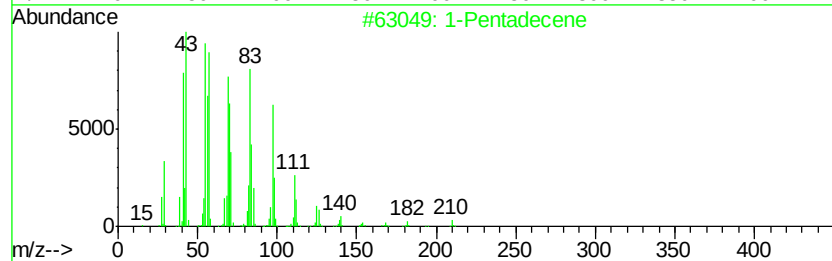
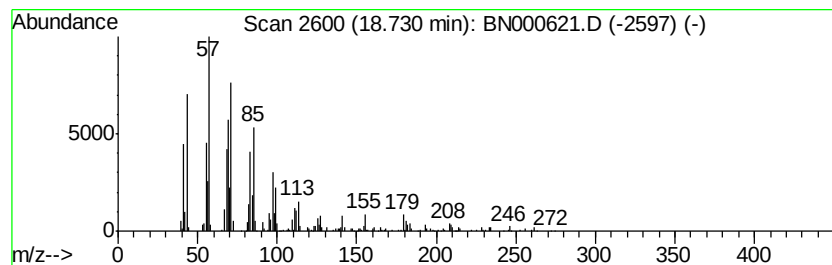
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Cyclic18.73 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.74 ng/ul	202111	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecene	210	C15H30	013360-61-7	74
2		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	58
3		Tetratriacontane	479	C34H70	014167-59-0	52
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	49
5		Octacosane	394	C28H58	000630-02-4	49



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

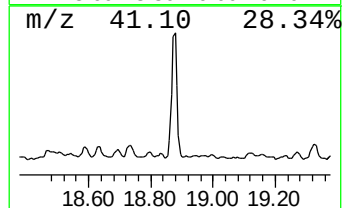
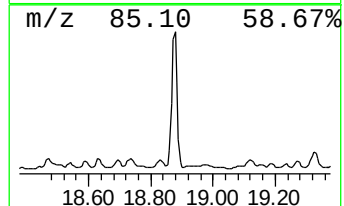
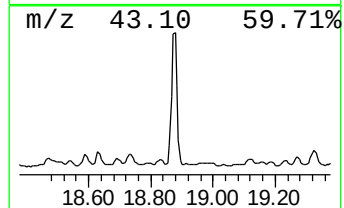
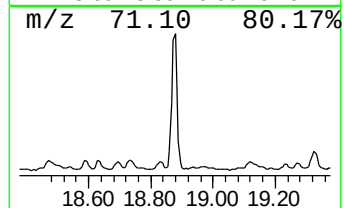
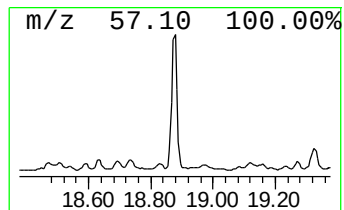
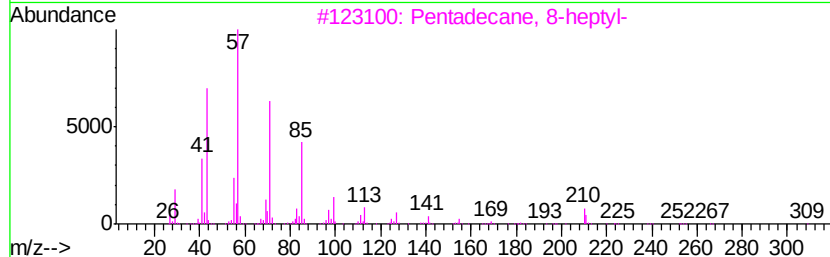
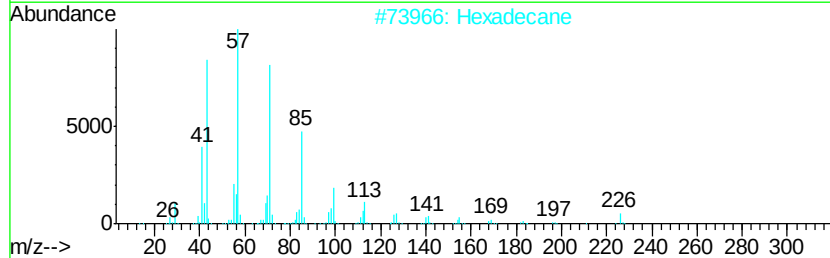
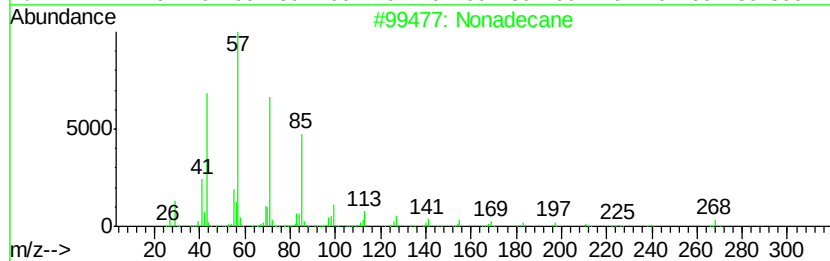
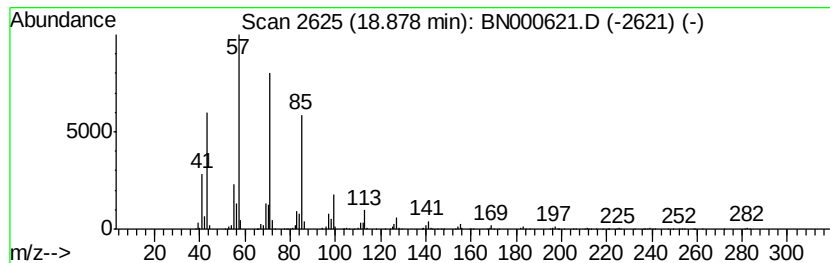
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	23.90 ng/ul	1764450	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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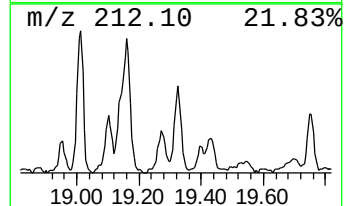
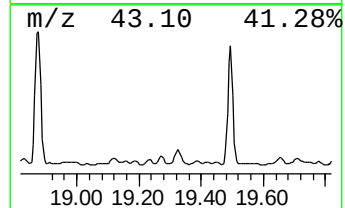
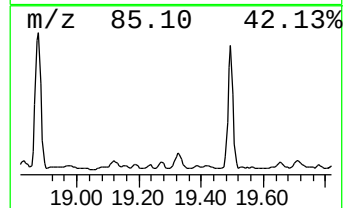
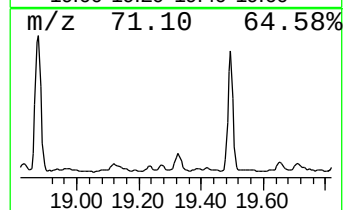
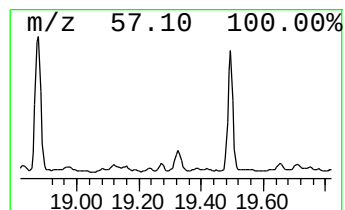
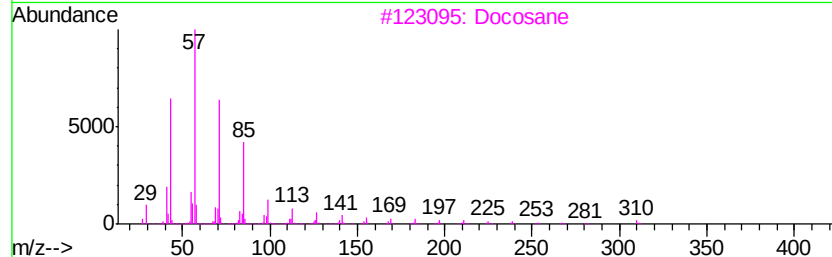
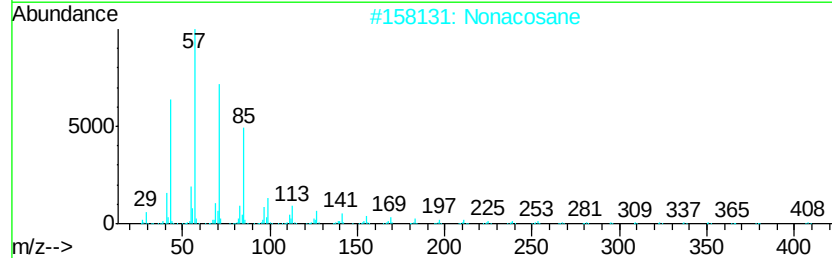
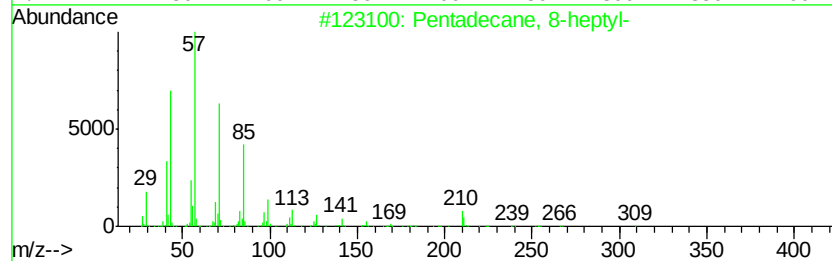
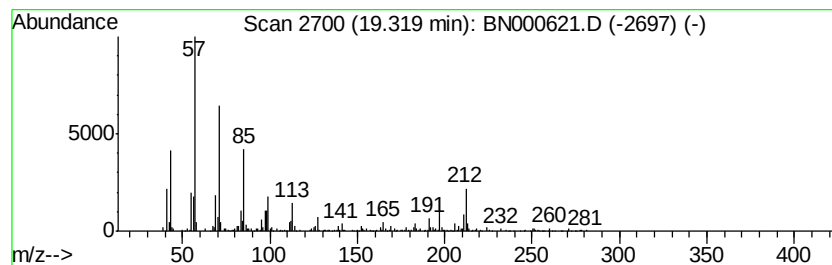
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	5.26 ng/ul	388015	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
2			Nonacosane	408	C29H60	000630-03-5	64
3			Docosane	310	C22H46	000629-97-0	64
4			Octacosane	394	C28H58	000630-02-4	64
5			Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

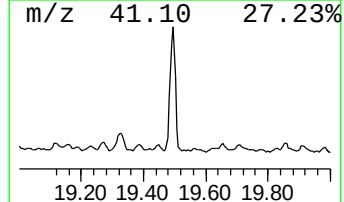
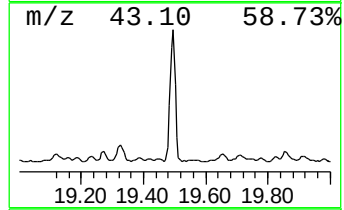
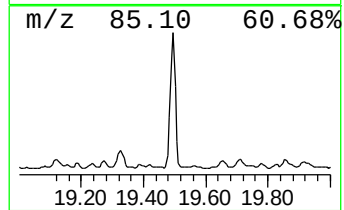
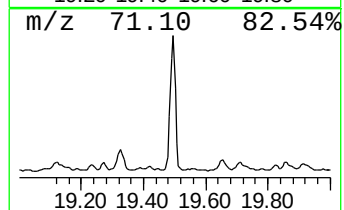
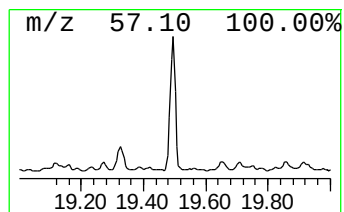
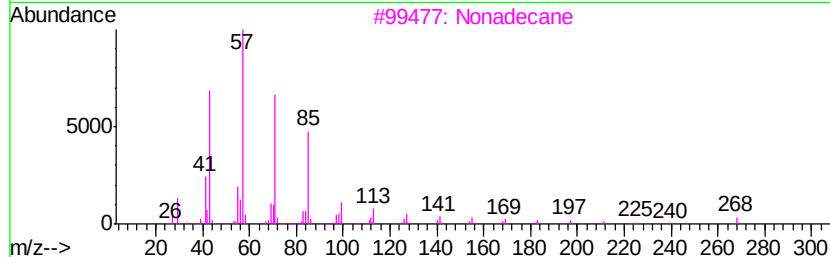
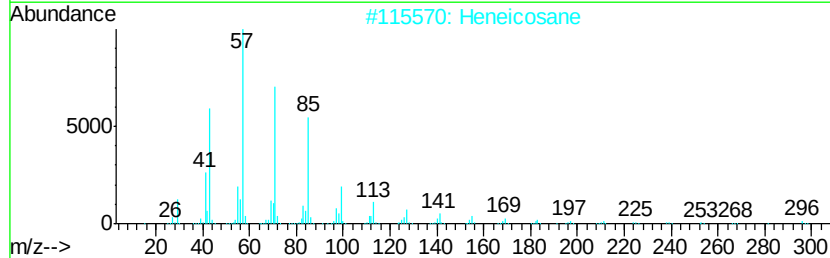
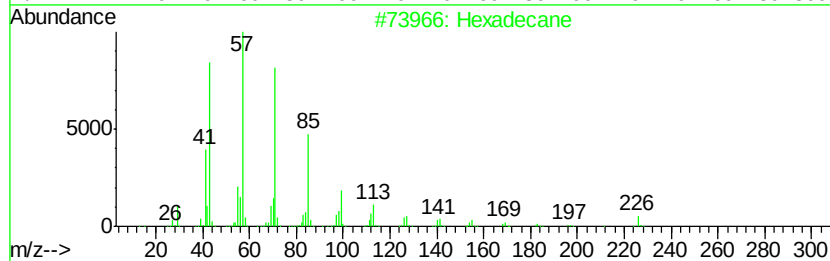
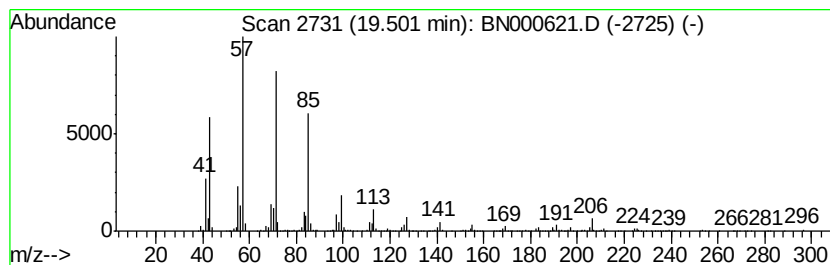
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	22.99 ng/ul	1696610	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

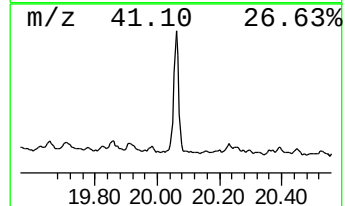
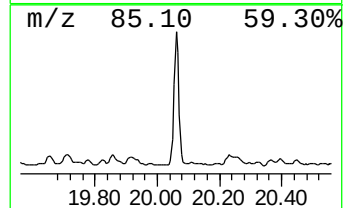
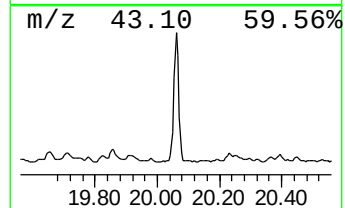
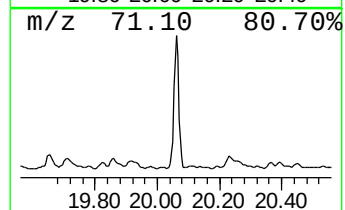
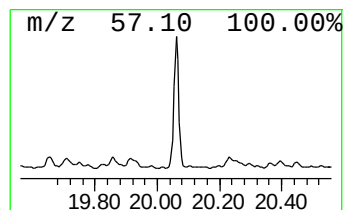
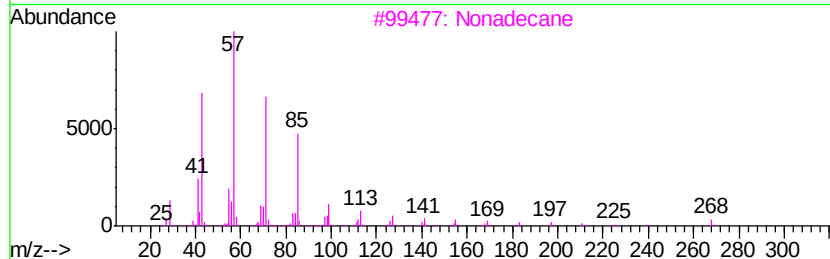
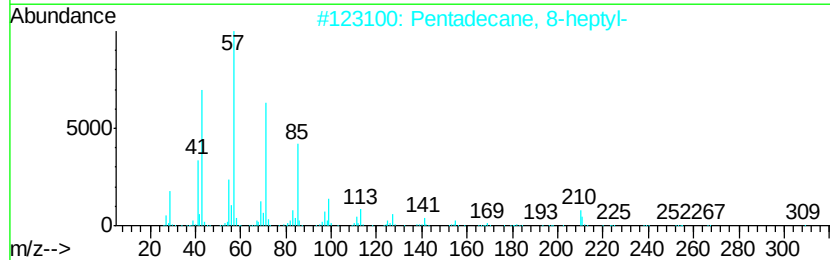
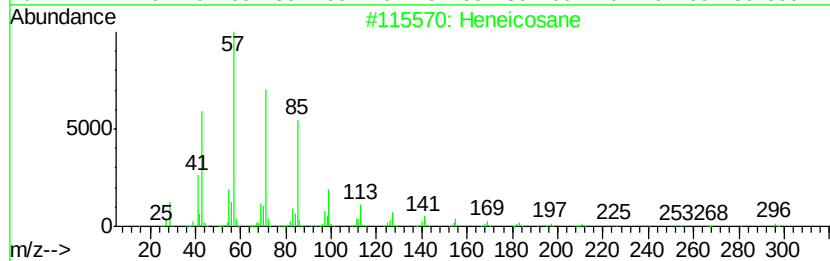
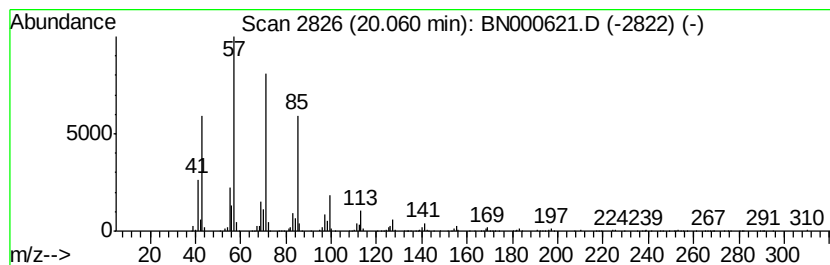
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	12.89 ng/ul	1197530	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

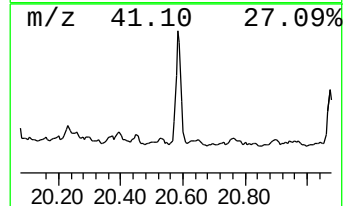
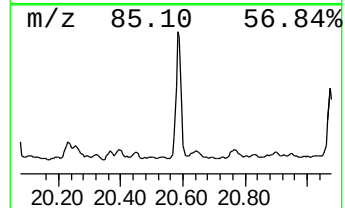
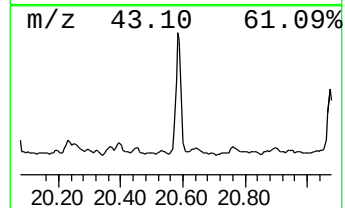
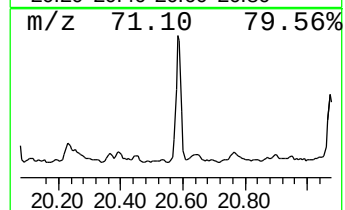
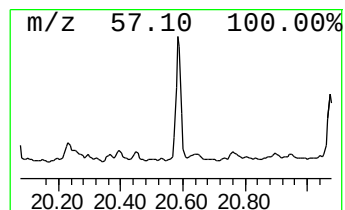
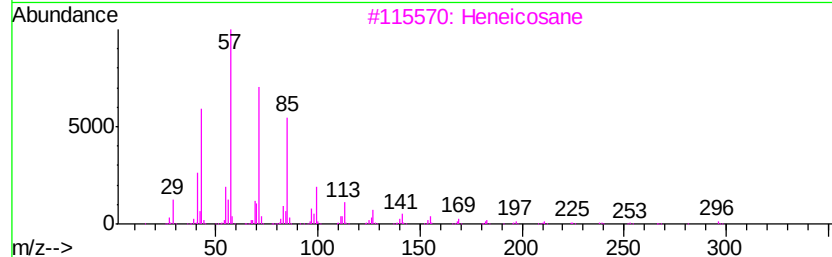
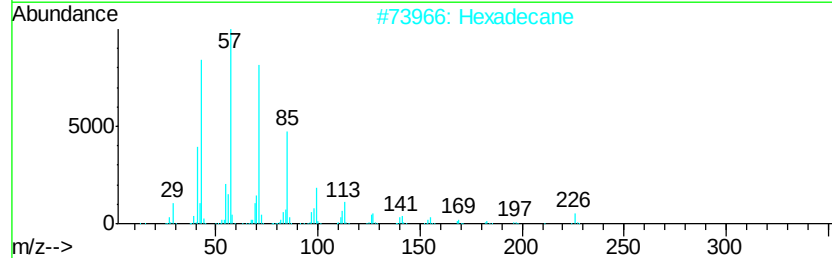
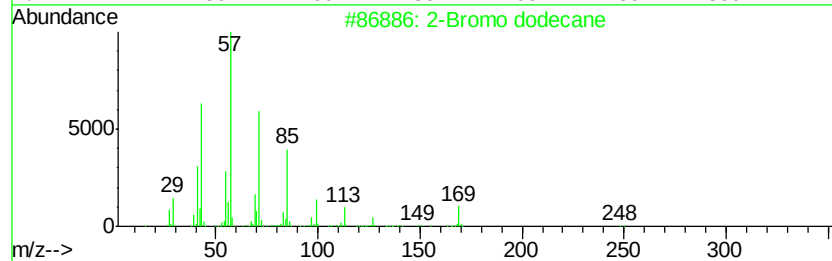
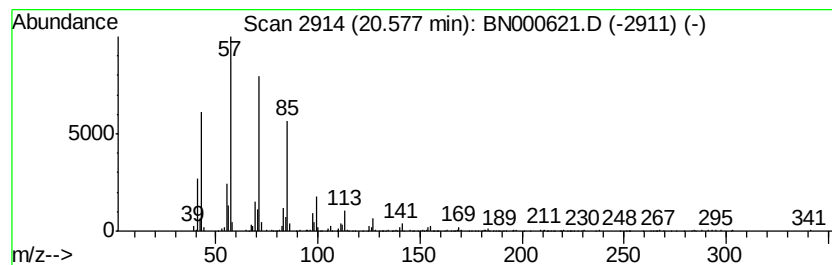
Instrument :
BNA_N
ClientSampleId :
BEEJ0

Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.58	8.13 ng/ul	755059	Chrysene-d12		21.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

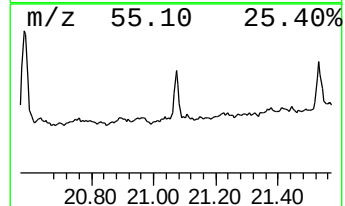
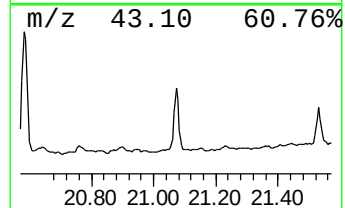
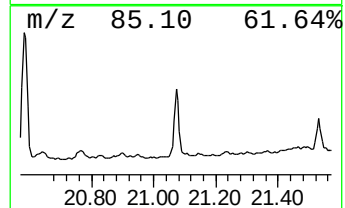
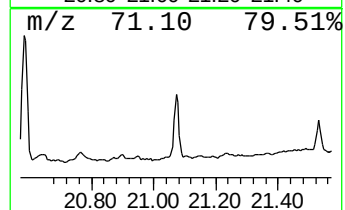
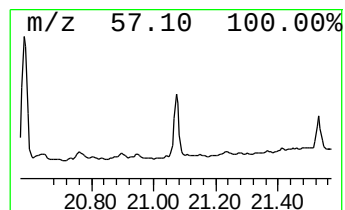
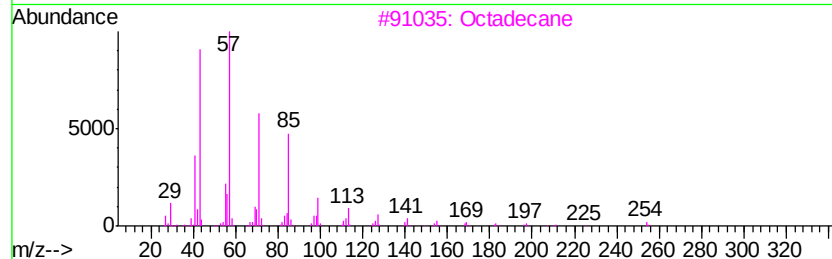
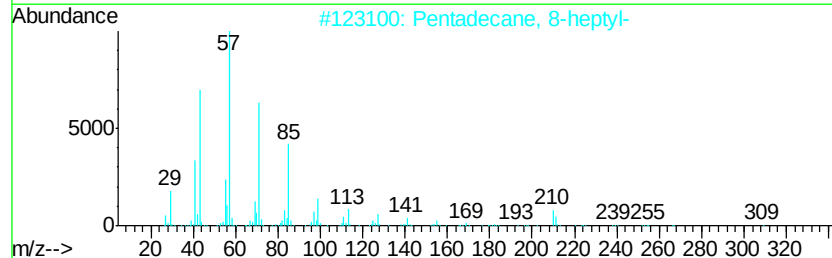
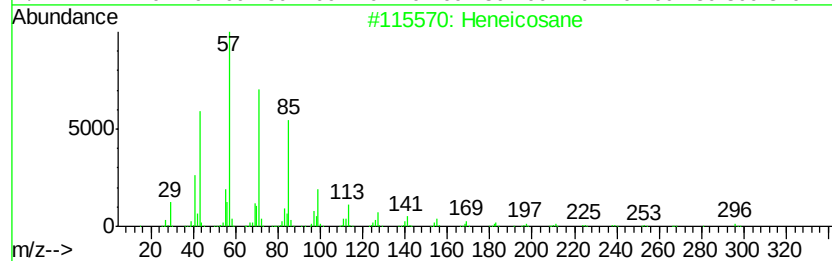
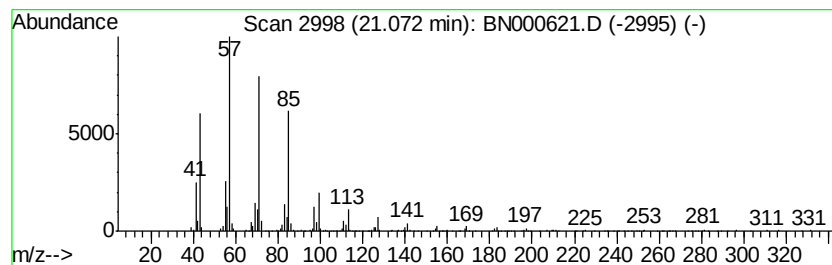
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.56 ng/ul	330490	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3			Octadecane	254	C18H38	000593-45-3	86
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5			Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000621.D
Acq On : 26 Mar 2018 15:54
Operator : JU/SJ
Sample : J1986-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ0

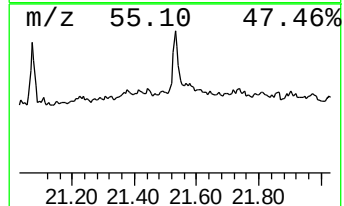
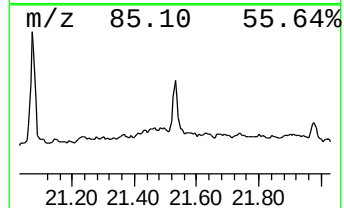
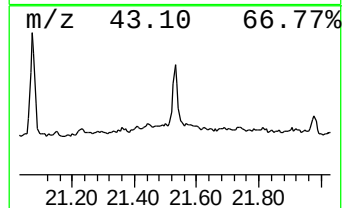
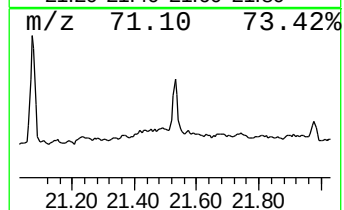
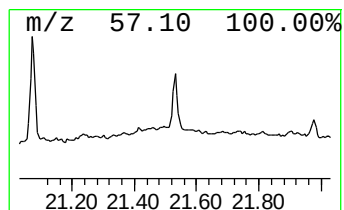
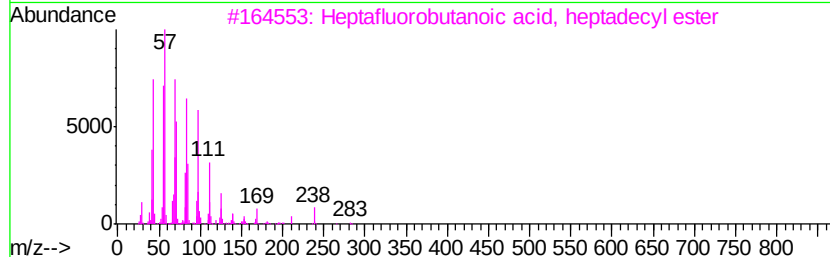
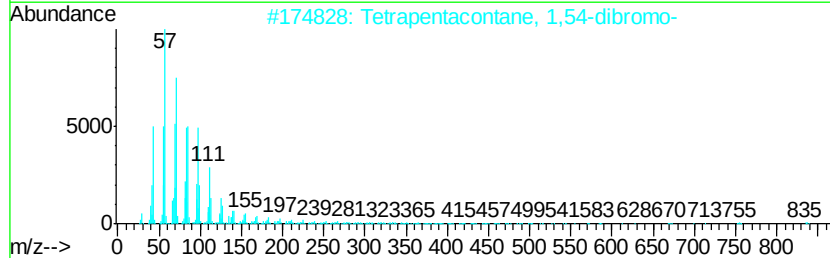
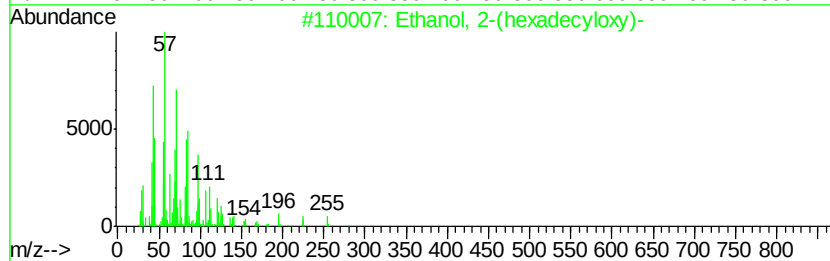
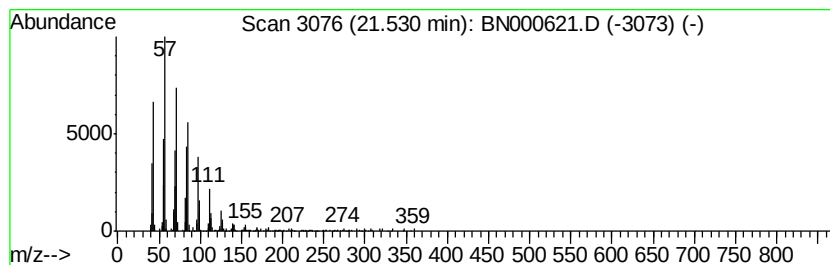
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 Ethanol, 2-(hexadecyloxy)- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	3.15 ng/ul	292697	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
3		Heptafluorobutanoic acid, heptadecyl ...	452	C21H35F7O2	1000282-97-3	53
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	53
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
 Data File : BN000621.D
 Acq On : 26 Mar 2018 15:54
 Operator : JU/SJ
 Sample : J1986-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ0

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.00	5.5	ng/ul	175269	1	8.41	637241	20.0
Propanoic acid, 2...	8.98	4.4	ng/ul	140109	1	8.41	637241	20.0
Benzene, 1,2-diet...	9.05	4.5	ng/ul	144811	1	8.41	637241	20.0
Benzene, 1,3-diet...	9.77	5.1	ng/ul	163477	1	8.41	637241	20.0
(DEL) Alkane: Str...	9.88	3.1	ng/ul	156407	2	11.25	1010830	20.0
unknown-01	10.42	3.3	ng/ul	166533	2	11.25	1010830	20.0
(DEL) Alkane: Str...	10.55	2.8	ng/ul	142152	2	11.25	1010830	20.0
(DEL) Alkane: Str...	10.63	5.6	ng/ul	281204	2	11.25	1010830	20.0
(DEL) Alkane: Str...	11.18	27.0	ng/ul	1363060	2	11.25	1010830	20.0
unknown-02	11.44	3.7	ng/ul	189152	2	11.25	1010830	20.0
(DEL) Alkane: Cyc...	11.72	3.8	ng/ul	189848	2	11.25	1010830	20.0
(DEL) Alkane: Cyc...	11.93	7.5	ng/ul	379090	2	11.25	1010830	20.0
(DEL) Alkane: Str...	12.04	3.0	ng/ul	149987	2	11.25	1010830	20.0
(DEL) Alkane: Str...	12.11	5.0	ng/ul	252033	2	11.25	1010830	20.0
(DEL) Alkane: Str...	12.22	13.0	ng/ul	658749	2	11.25	1010830	20.0
unknown-03	12.27	2.6	ng/ul	132522	2	11.25	1010830	20.0
Naphthalene, 1,2,...	12.42	5.6	ng/ul	282897	2	11.25	1010830	20.0
(DEL) Alkane: Cyc...	12.50	4.2	ng/ul	211148	2	11.25	1010830	20.0
(DEL) Alkane: Str...	12.61	34.1	ng/ul	1721370	2	11.25	1010830	20.0
(DEL) Alkane: Str...	12.82	6.0	ng/ul	303409	2	11.25	1010830	20.0
unknown-04	13.04	3.1	ng/ul	158291	2	11.25	1010830	20.0
Naphthalene, 1,2,...	13.12	5.4	ng/ul	275175	2	11.25	1010830	20.0
(DEL) Alkane: Str...	13.23	3.7	ng/ul	202727	3	15.03	1101820	20.0
(DEL) Alkane: Str...	13.33	2.2	ng/ul	120931	3	15.03	1101820	20.0
Octadecane, 1-iodo-	13.40	7.4	ng/ul	408900	3	15.03	1101820	20.0
(DEL) Alkane: Str...	13.49	4.3	ng/ul	234131	3	15.03	1101820	20.0
(DEL) Alkane: Str...	13.54	15.8	ng/ul	871816	3	15.03	1101820	20.0
unknown-05	13.98	2.8	ng/ul	156569	3	15.03	1101820	20.0
Naphthalene, 1-et...	14.07	3.6	ng/ul	198470	3	15.03	1101820	20.0
Naphthalene, 2,6-...	14.21	8.8	ng/ul	483530	3	15.03	1101820	20.0
Naphthalene, 1,7-...	14.35	9.3	ng/ul	513754	3	15.03	1101820	20.0
Naphthalene, 2,3-...	14.59	8.3	ng/ul	455426	3	15.03	1101820	20.0
(DEL) Alkane: Str...	14.68	3.3	ng/ul	181800	3	15.03	1101820	20.0
(DEL) Alkane: Str...	14.88	53.2	ng/ul	2932860	3	15.03	1101820	20.0
(DEL) Alkane: Str...	14.96	3.6	ng/ul	198842	3	15.03	1101820	20.0
(DEL) Alkane: Str...	15.32	3.9	ng/ul	212803	3	15.03	1101820	20.0
(DEL) Alkane: Str...	15.38	6.1	ng/ul	337088	3	15.03	1101820	20.0
Naphthalene, 2,3,...	15.49	21.0	ng/ul	1158380	3	15.03	1101820	20.0
(DEL) Alkane: Str...	15.56	5.1	ng/ul	280166	3	15.03	1101820	20.0
Naphthalene, 1,6,...	15.64	4.9	ng/ul	269894	3	15.03	1101820	20.0
Naphthalene, 1,4,...	15.69	3.6	ng/ul	197751	3	15.03	1101820	20.0
(DEL) Alkane: Str...	15.82	63.4	ng/ul	3492820	3	15.03	1101820	20.0
(DEL) Alkane: Str...	15.88	3.9	ng/ul	213787	3	15.03	1101820	20.0
unknown-06	15.93	3.3	ng/ul	179811	3	15.03	1101820	20.0
(DEL) Alkane: Str...	16.22	31.4	ng/ul	1728910	3	15.03	1101820	20.0
unknown-07	16.27	4.7	ng/ul	260090	3	15.03	1101820	20.0
unknown-08	16.32	5.6	ng/ul	308699	3	15.03	1101820	20.0
(DEL) Alkane: Str...	16.37	4.5	ng/ul	248323	3	15.03	1101820	20.0
(DEL) Alkane: Cyc...	16.44	6.4	ng/ul	474631	4	17.76	1476270	20.0

(DEL) Alkane: Str...	16.68	46.7 ng/ul	3444670	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.01	4.1 ng/ul	300280	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.08	5.1 ng/ul	375292	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.18	4.9 ng/ul	359282	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.24	4.1 ng/ul	299856	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.47	31.9 ng/ul	2353790	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.51	21.9 ng/ul	1614500	4	17.76	1476270	20.0
(DEL) Alkane: Str...	17.93	4.3 ng/ul	320600	4	17.76	1476270	20.0
(DEL) Alkane: Str...	18.00	4.2 ng/ul	312971	4	17.76	1476270	20.0
(DEL) Alkane: Str...	18.11	4.4 ng/ul	321938	4	17.76	1476270	20.0
(DEL) Alkane: Str...	18.20	30.3 ng/ul	2233240	4	17.76	1476270	20.0
(DEL) Alkane: Str...	18.47	3.0 ng/ul	217756	4	17.76	1476270	20.0
(DEL) Alkane: Str...	18.63	2.2 ng/ul	161050	4	17.76	1476270	20.0
(DEL) Alkane: Cyc...	18.73	2.7 ng/ul	202111	4	17.76	1476270	20.0
(DEL) Alkane: Str...	18.88	23.9 ng/ul	1764450	4	17.76	1476270	20.0
(DEL) Alkane: Str...	19.32	5.3 ng/ul	388015	4	17.76	1476270	20.0
(DEL) Alkane: Str...	19.50	23.0 ng/ul	1696610	4	17.76	1476270	20.0
(DEL) Alkane: Str...	20.06	12.9 ng/ul	1197530	5	21.88	1857910	20.0
2-Bromo dodecane	20.58	8.1 ng/ul	755059	5	21.88	1857910	20.0
(DEL) Alkane: Str...	21.07	3.6 ng/ul	330490	5	21.88	1857910	20.0
Ethanol, 2-(hexad...	21.53	3.1 ng/ul	292697	5	21.88	1857910	20.0

Instrument :
BNA_N
ClientSampleId :
BEEJ0