

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
 Data File : BN000556.D
 Acq On : 23 Mar 2018 00:28
 Operator : JU/SJ
 Sample : J1905-06DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM41DL

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	6.349	489	495	505	rVB2	1164898	1810268	8.05%	0.825%
2	7.002	601	606	618	rVB4	373707	1010561	4.50%	0.460%
3	7.355	662	666	671	rVB	759135	1115121	4.96%	0.508%
4	7.414	671	676	681	rVB	822547	1129550	5.03%	0.515%
5	7.472	681	686	690	rBV	710582	1076788	4.79%	0.491%
6	7.531	690	696	701	rBV2	1236071	2000824	8.90%	0.912%
7	7.608	701	709	718	rBV2	459777	825981	3.67%	0.376%
8	7.778	731	738	741	rBV	473696	855767	3.81%	0.390%
9	8.008	771	777	781	rBV	3677138	5781590	25.72%	2.634%
10	8.049	781	784	792	rVB	1069869	1571893	6.99%	0.716%
11	8.361	832	837	842	rVB	918609	1362540	6.06%	0.621%
12	8.414	842	846	849	rBV	596667	959666	4.27%	0.437%
13	8.455	849	853	860	rVB	1565701	2715787	12.08%	1.237%
14	8.525	860	865	870	rBV3	638820	1245090	5.54%	0.567%
15	8.919	925	932	936	rVV2	710659	1513072	6.73%	0.689%
16	8.984	936	943	949	rVB2	942928	2247750	10.00%	1.024%
17	9.055	949	955	962	rBV2	2045166	3567094	15.87%	1.625%
18	9.161	968	973	978	rBV	1047598	1679525	7.47%	0.765%
19	9.219	978	983	987	rVV2	522680	915927	4.07%	0.417%
20	9.372	1003	1009	1013	rBV	539229	975945	4.34%	0.445%
21	9.425	1013	1018	1024	rVB	611562	1097656	4.88%	0.500%
22	9.525	1030	1035	1045	rVB	928259	1702255	7.57%	0.776%
23	9.631	1045	1053	1059	rBV	4505066	7568463	33.67%	3.448%
24	9.766	1065	1076	1084	rBV8	495873	1825440	8.12%	0.832%
25	9.866	1084	1093	1098	rBV3	452387	1355796	6.03%	0.618%
26	10.055	1120	1125	1131	rVB2	541656	927571	4.13%	0.423%
27	10.113	1131	1135	1140	rVV	518856	881231	3.92%	0.402%
28	10.355	1171	1176	1183	rVB3	751256	1356652	6.04%	0.618%
29	10.484	1191	1198	1204	rVB2	768935	1658350	7.38%	0.756%
30	10.555	1204	1210	1217	rBV3	423943	836463	3.72%	0.381%
31	10.631	1218	1223	1229	rBV3	823733	1379574	6.14%	0.629%
32	10.731	1235	1240	1245	rVB2	674333	1354522	6.03%	0.617%
33	10.902	1261	1269	1273	rBV2	421760	867103	3.86%	0.395%
34	11.190	1309	1318	1320	rBV	2472412	5214263	23.20%	2.376%

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35	11.255	1325	1329	1334	rVV	1146268	2359376	10.50%	1.075%
36	11.325	1334	1341	1345	rVV2	1405596	3108690	13.83%	1.416%
37	11.366	1345	1348	1353	rVV2	862767	1384229	6.16%	0.631%
38	11.596	1381	1387	1394	rVV	2165244	3492683	15.54%	1.591%
39	11.719	1400	1408	1414	rVB	973118	1709330	7.60%	0.779%
40	11.931	1435	1444	1454	rVV8	611242	1842192	8.20%	0.839%
41	12.113	1471	1475	1481	rVV3	737722	1384316	6.16%	0.631%
42	12.225	1488	1494	1499	rVV3	1117152	2124477	9.45%	0.968%
43	12.307	1504	1508	1522	rVB	1783769	3065429	13.64%	1.397%
44	12.460	1529	1534	1543	rVB	1737933	2754890	12.26%	1.255%
45	12.607	1554	1559	1563	rBV	2352739	3646514	16.22%	1.661%
46	12.654	1563	1567	1573	rVB	1465579	2144678	9.54%	0.977%
47	12.849	1595	1600	1604	rVV	1553723	2503686	11.14%	1.141%
48	12.884	1604	1606	1615	rVB	798278	1048609	4.67%	0.478%
49	13.013	1623	1628	1631	rBV	761982	1153806	5.13%	0.526%
50	13.102	1636	1643	1651	rVB2	423374	1061273	4.72%	0.484%
51	13.249	1659	1668	1672	rBV5	568937	1544079	6.87%	0.704%
52	13.401	1687	1694	1703	rVB5	442925	1124409	5.00%	0.512%
53	13.543	1713	1718	1724	rBV	904217	1421530	6.32%	0.648%
54	13.825	1760	1766	1772	rBV	2747911	4414742	19.64%	2.011%
55	14.066	1802	1807	1811	rBV3	649024	1072804	4.77%	0.489%
56	14.213	1821	1832	1840	rBV6	700782	2648774	11.78%	1.207%
57	14.354	1850	1856	1863	rBV3	816381	1984249	8.83%	0.904%
58	14.472	1874	1876	1881	rVB2	1010413	1296412	5.77%	0.591%
59	14.637	1898	1904	1910	rVB5	1118821	2538390	11.29%	1.157%
60	14.890	1942	1947	1951	rVB	6086234	8672453	38.58%	3.951%
61	15.043	1966	1973	1981	rBV4	1541104	3680339	16.37%	1.677%
62	15.148	1986	1991	1999	rBV	2856861	4169149	18.55%	1.900%
63	15.219	1999	2003	2005	rBV3	502288	825195	3.67%	0.376%
64	15.313	2014	2019	2026	rBV6	582145	1345871	5.99%	0.613%
65	15.413	2032	2036	2045	rVB6	651326	1603156	7.13%	0.730%
66	15.495	2045	2050	2054	rBV2	1031221	1655677	7.37%	0.754%
67	15.548	2056	2059	2068	rVB6	869762	1914804	8.52%	0.872%
68	15.648	2068	2076	2079	rBV4	1664195	3657006	16.27%	1.666%
69	15.684	2079	2082	2088	rVV2	901170	1323472	5.89%	0.603%
70	15.766	2091	2096	2100	rVV2	2730938	4009361	17.84%	1.827%
71	15.825	2100	2106	2112	rVB2	2963731	5343460	23.77%	2.435%

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72	16.107	2150	2154	2158	rVB	646948	982281	4.37%	0.448%
73	16.225	2169	2174	2178	rVB	937725	1482429	6.60%	0.675%
74	16.266	2178	2181	2187	rVB3	535564	820354	3.65%	0.374%
75	16.442	2208	2211	2219	rBV3	436872	769099	3.42%	0.350%
76	16.613	2236	2240	2247	rVB4	1099310	1710308	7.61%	0.779%
77	16.684	2247	2252	2254	rBV	2859720	4021825	17.89%	1.832%
78	17.431	2370	2379	2383	rBV	11141891	22477611	100.00%	10.241%
79	17.466	2383	2385	2389	rVV	2749279	2968326	13.21%	1.352%
80	17.519	2389	2394	2403	rVB	1163932	1962090	8.73%	0.894%
81	17.766	2431	2436	2440	rBV2	1512522	2174498	9.67%	0.991%
82	17.813	2440	2444	2451	rVB4	650561	1318781	5.87%	0.601%
83	17.872	2451	2454	2460	rVB3	608606	806768	3.59%	0.368%
84	18.007	2472	2477	2479	rBV3	518456	994448	4.42%	0.453%
85	18.201	2505	2510	2518	rVB	2128989	3106583	13.82%	1.415%
86	18.372	2536	2539	2545	rVB	1088645	1309281	5.82%	0.597%
87	18.878	2621	2625	2633	rVB	1772315	2097670	9.33%	0.956%
88	19.495	2726	2730	2732	rBV	1552103	1876245	8.35%	0.855%
89	19.519	2732	2734	2738	rVB2	1238366	1335884	5.94%	0.609%
90	19.648	2750	2756	2761	rBV3	617416	1013553	4.51%	0.462%
91	20.060	2822	2826	2830	rVB	991056	1185016	5.27%	0.540%
92	20.589	2912	2916	2920	rVV2	904204	1135692	5.05%	0.517%
93	21.072	2995	2998	3002	rBV	715454	808376	3.60%	0.368%
94	21.536	3073	3077	3084	rVB	1544042	1861512	8.28%	0.848%
95	21.878	3130	3135	3145	rVB	1482841	2424676	10.79%	1.105%
96	21.983	3149	3153	3159	rVB2	613882	884032	3.93%	0.403%
97	22.360	3213	3217	3227	rBV2	509808	801143	3.56%	0.365%
98	22.454	3228	3233	3238	rVB2	935899	1356294	6.03%	0.618%
99	23.301	3372	3377	3384	rVB	509168	864854	3.85%	0.394%
100	24.360	3550	3557	3566	rBV2	736315	1514921	6.74%	0.690%

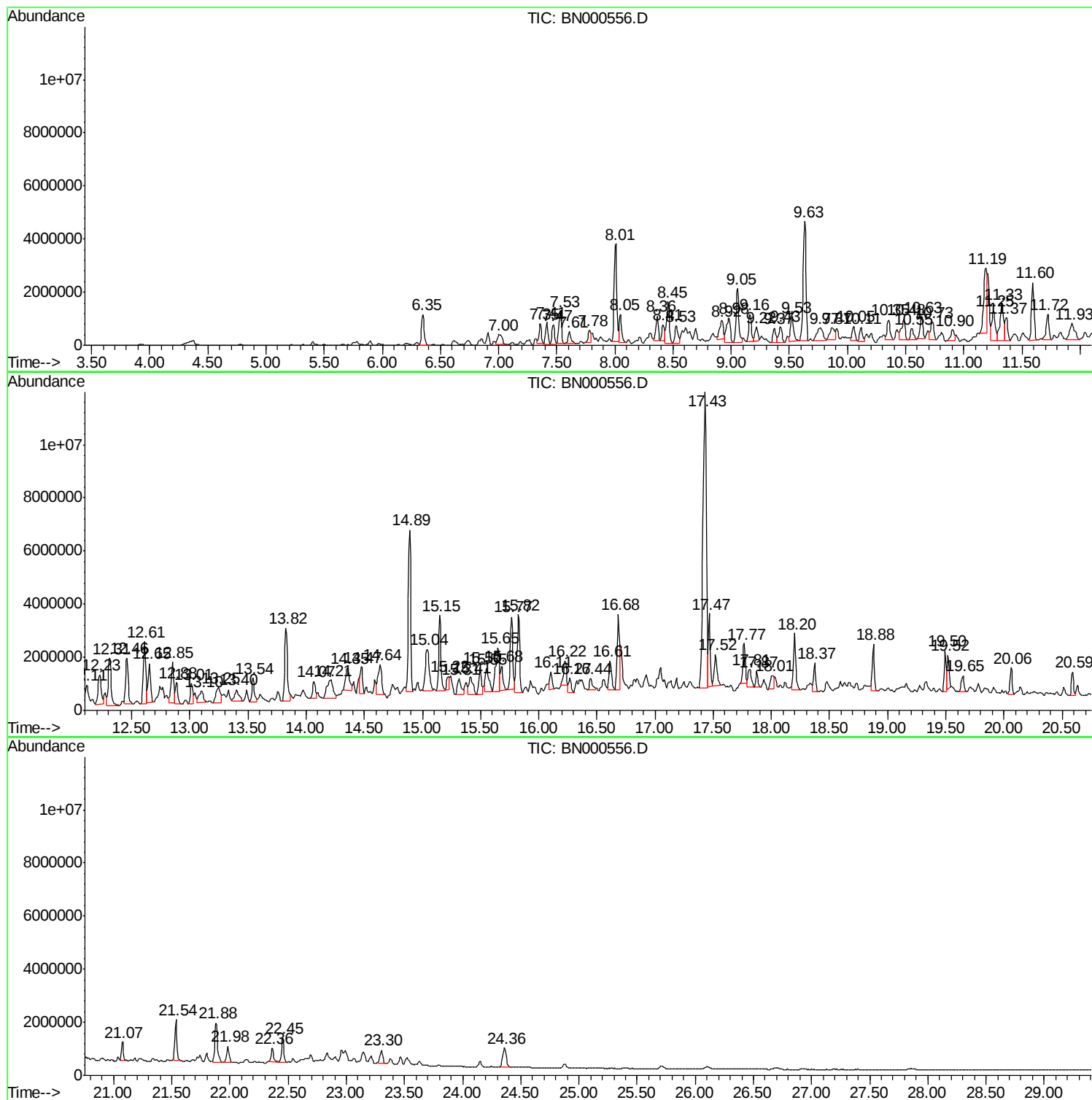
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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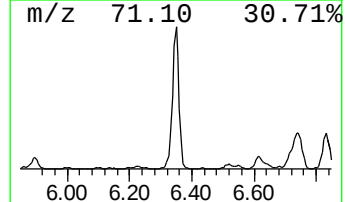
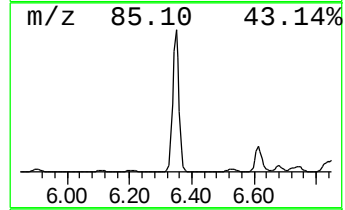
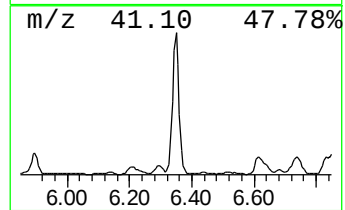
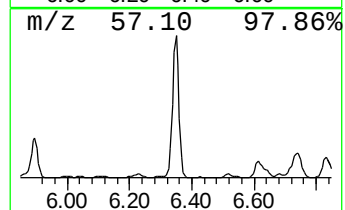
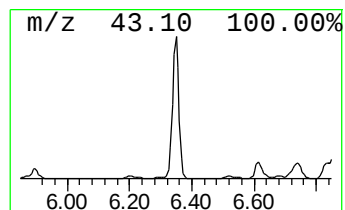
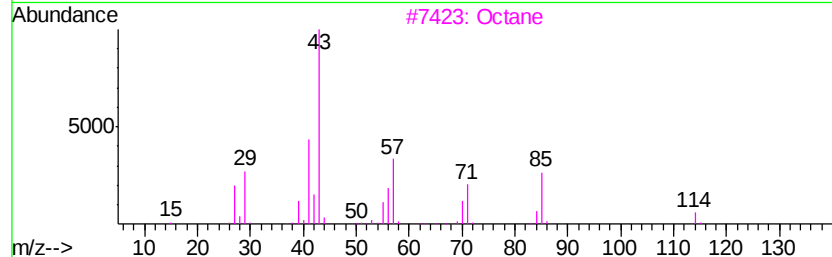
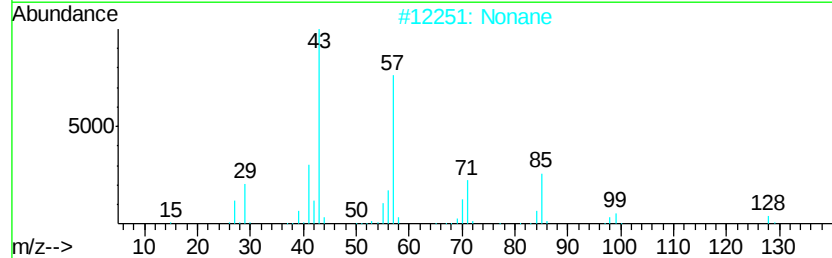
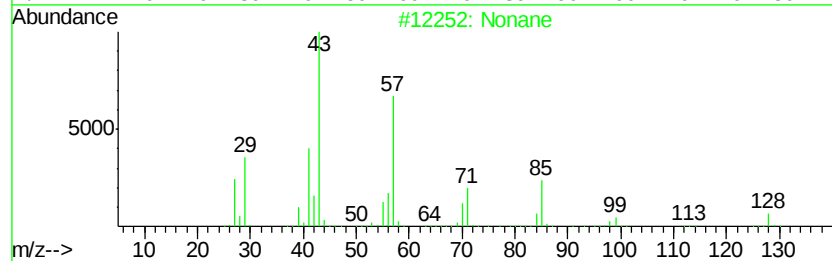
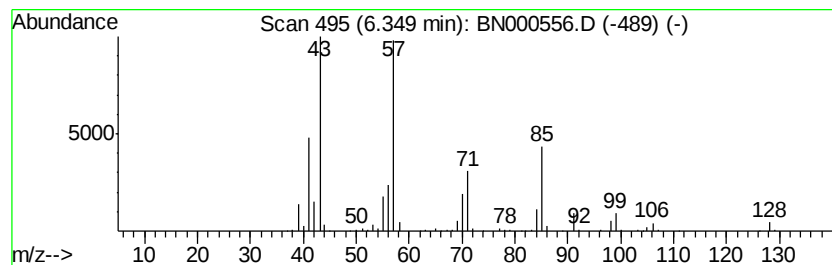
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	37.73 ng/ul	1810270	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	95
2		Nonane	128	C9H20	000111-84-2	91
3		Octane	114	C8H18	000111-65-9	72
4		4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	59
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53



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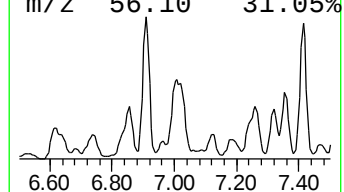
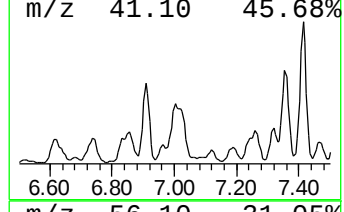
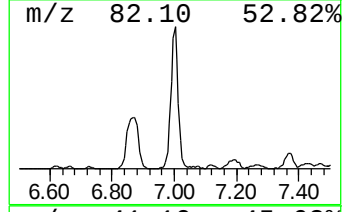
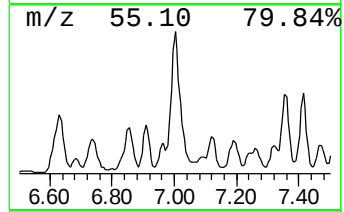
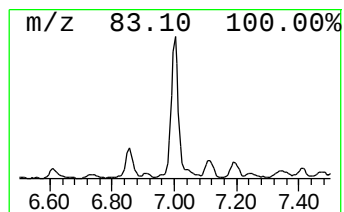
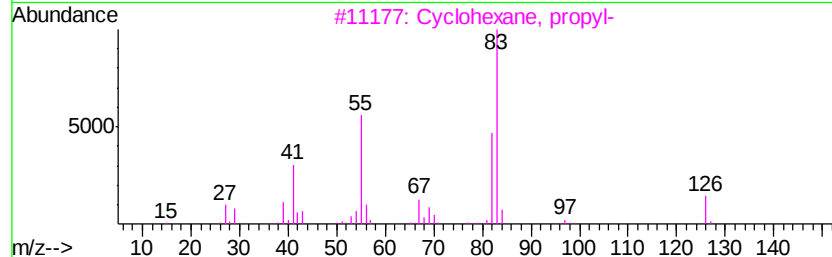
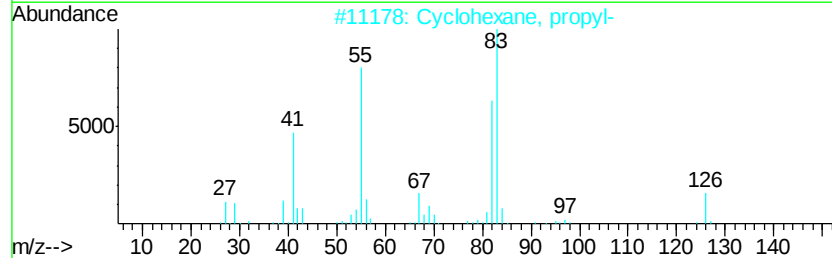
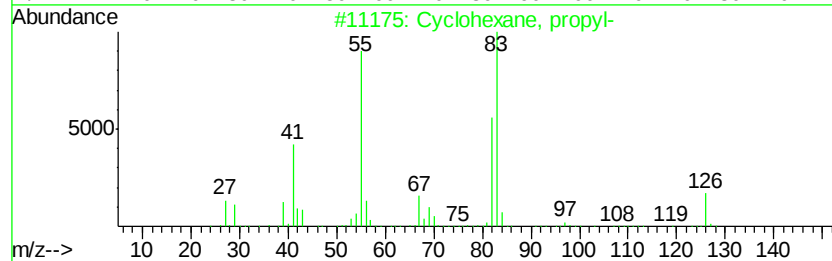
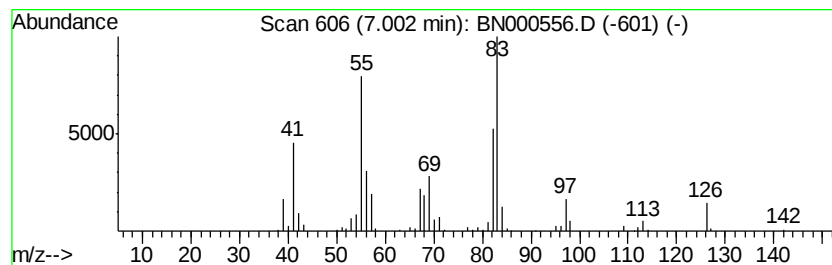
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic7.00 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	21.06 ng/ul	1010560	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	74
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



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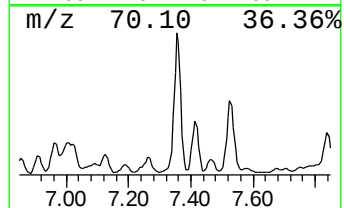
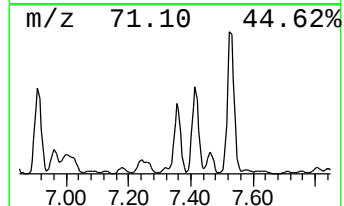
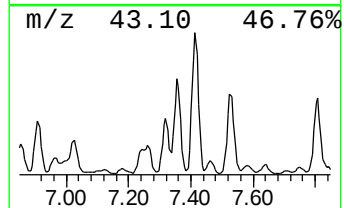
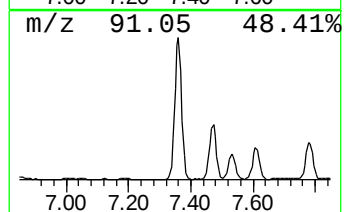
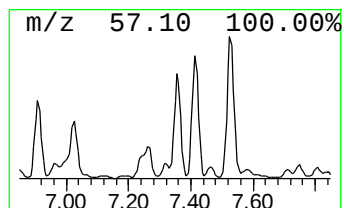
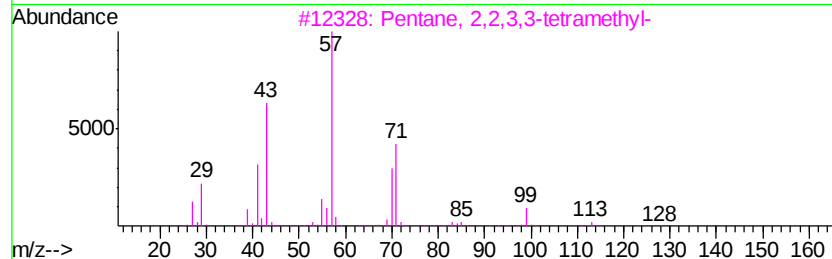
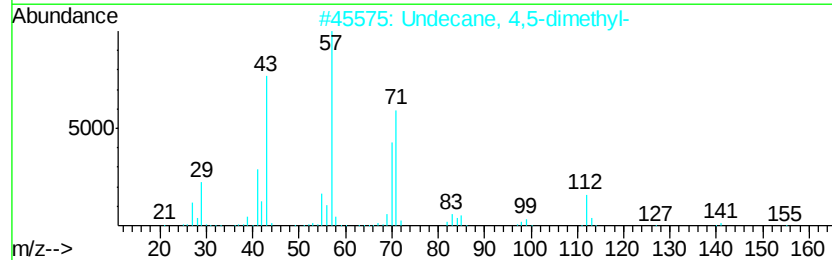
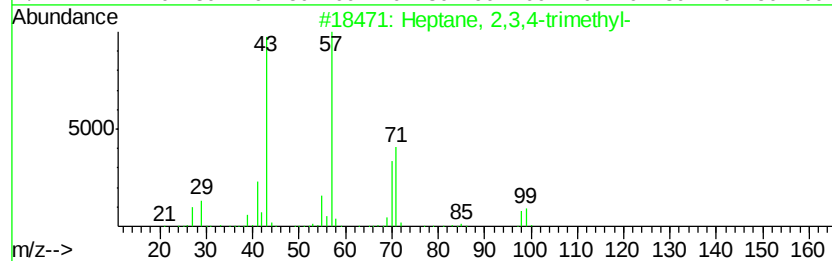
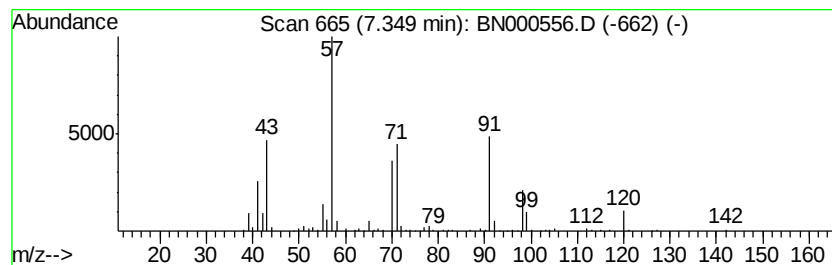
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	23.24 ng/ul	1115120	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
2		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	45
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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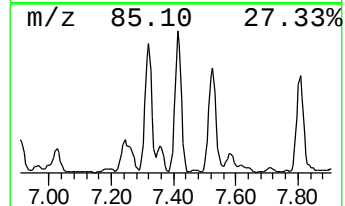
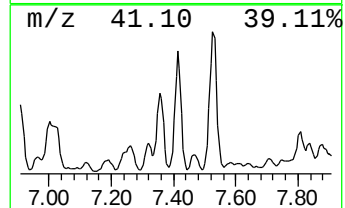
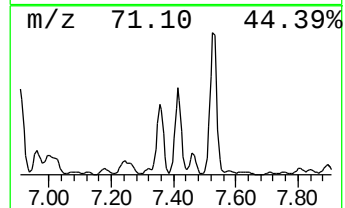
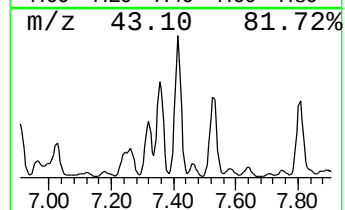
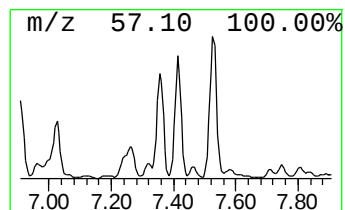
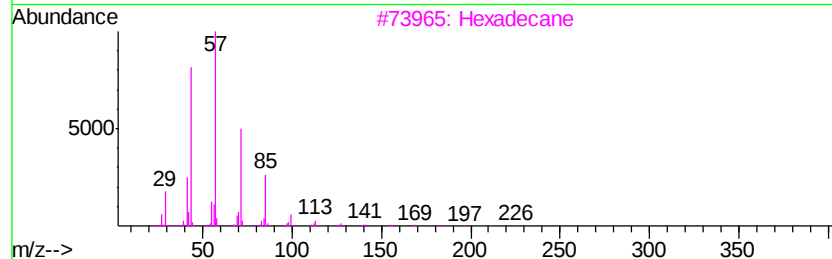
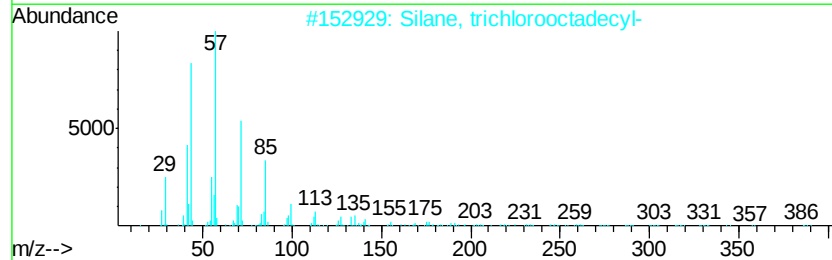
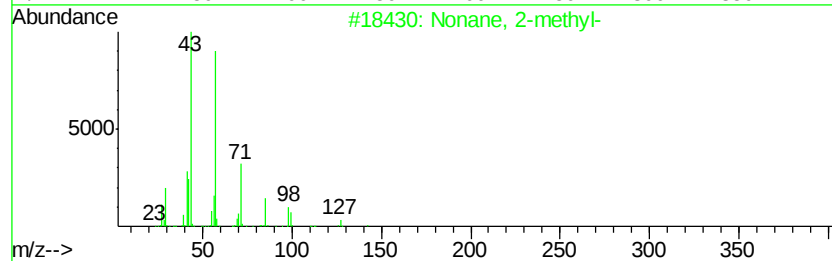
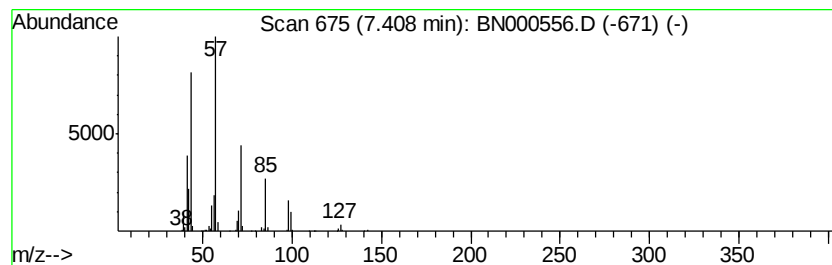
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	23.54 ng/ul	1129550	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	81
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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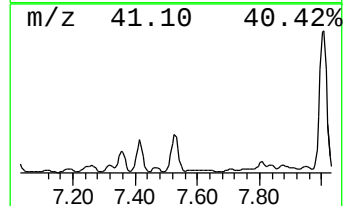
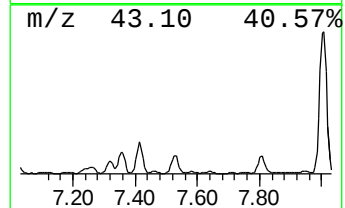
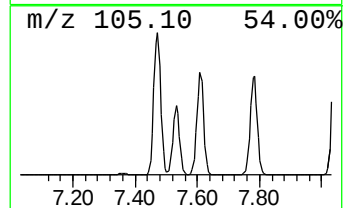
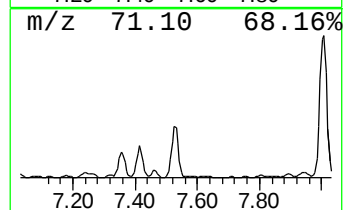
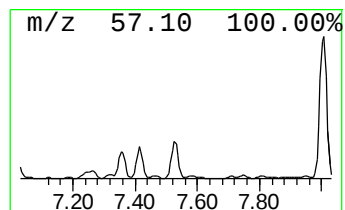
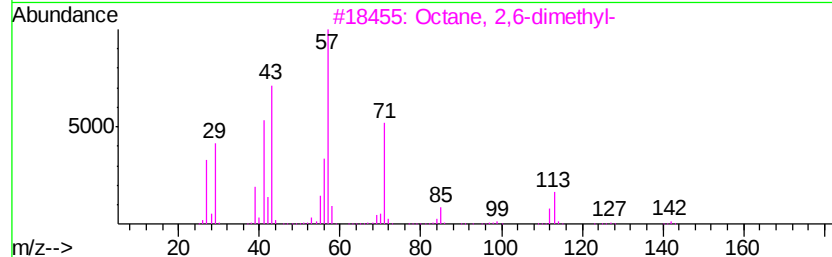
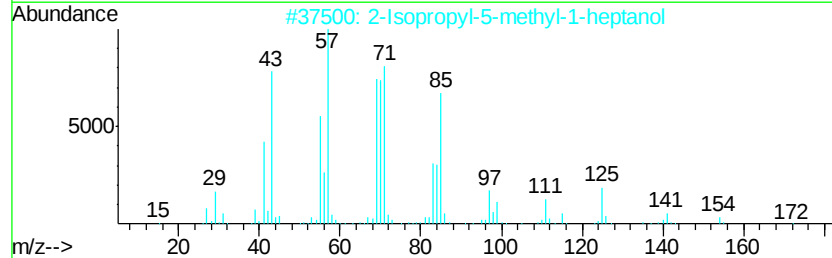
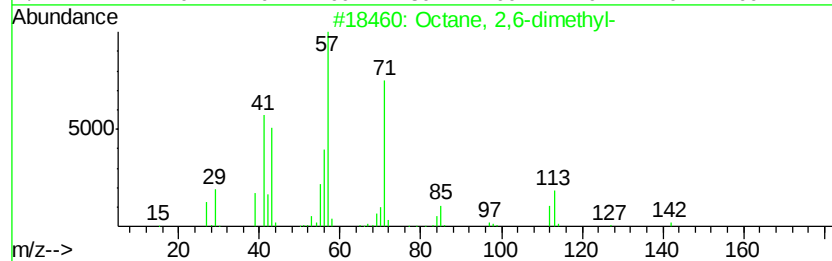
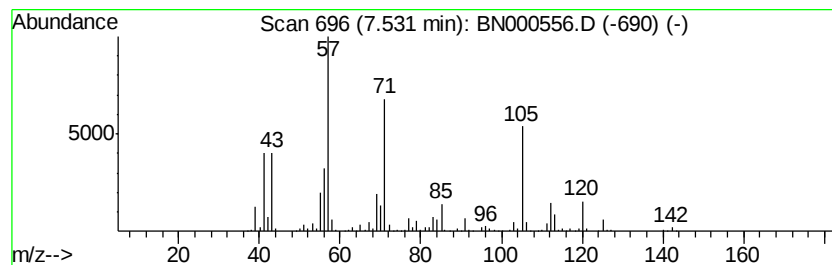
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	41.70 ng/ul	2000820	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
2		2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	59
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampled :
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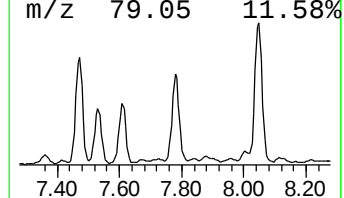
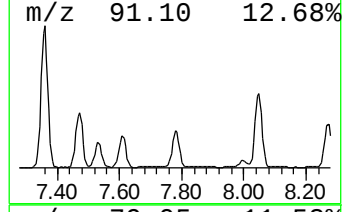
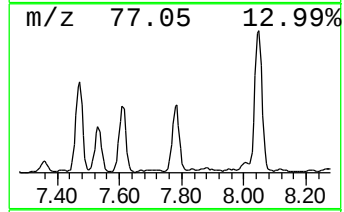
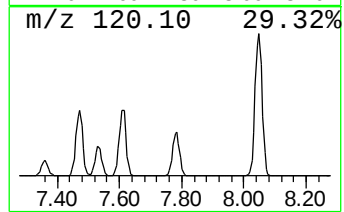
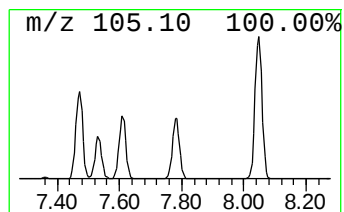
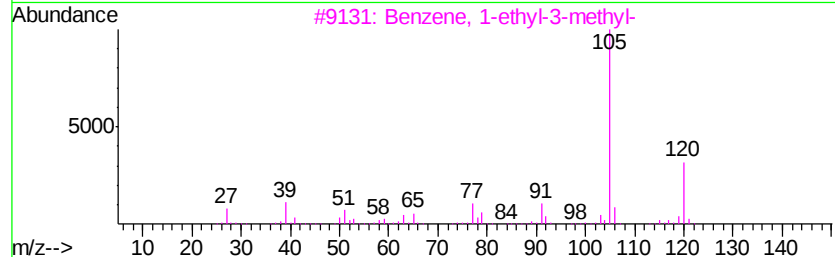
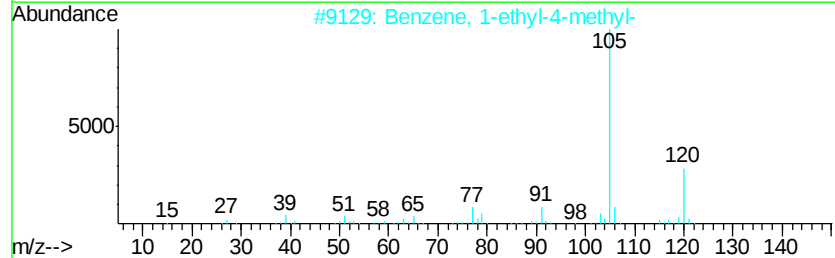
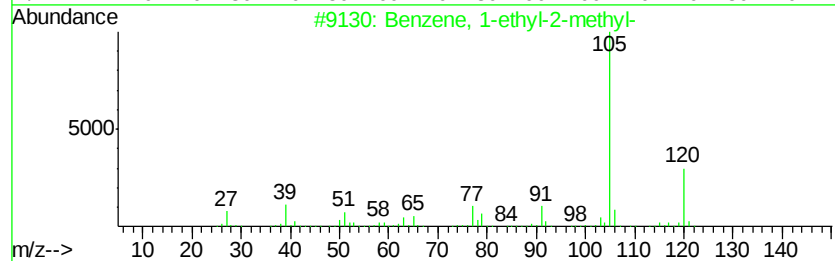
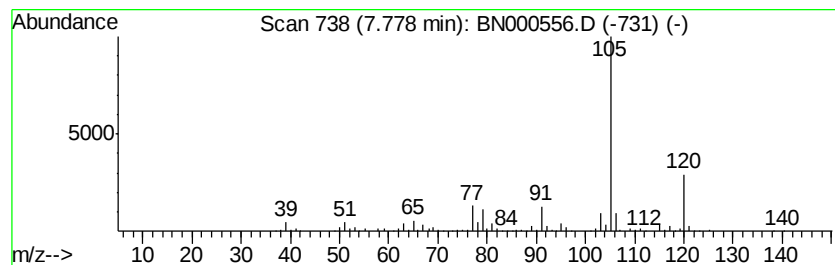
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	17.83 ng/ul	855767	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
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ClientSampleID :
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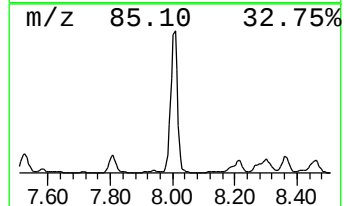
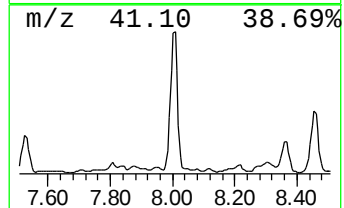
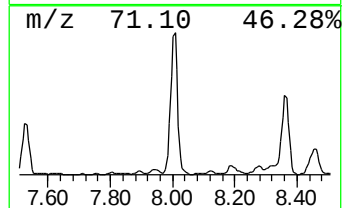
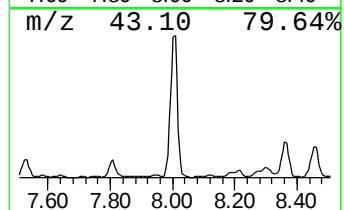
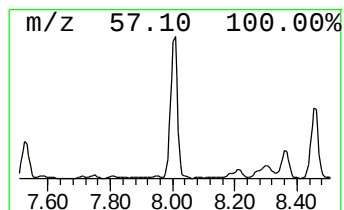
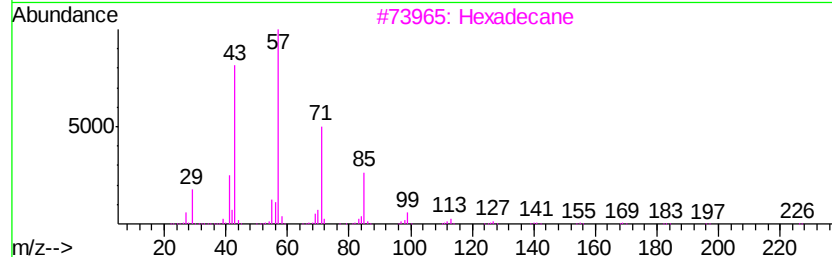
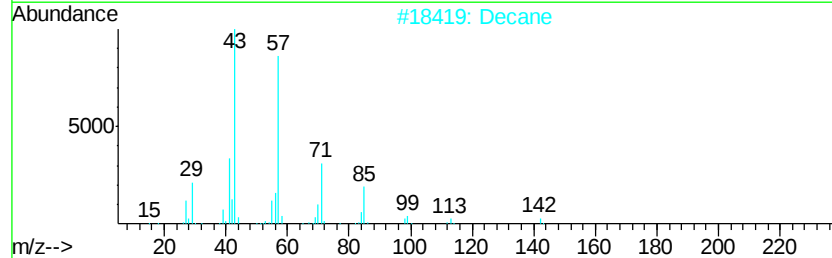
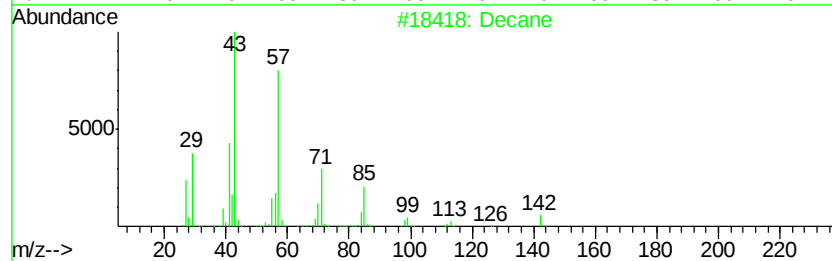
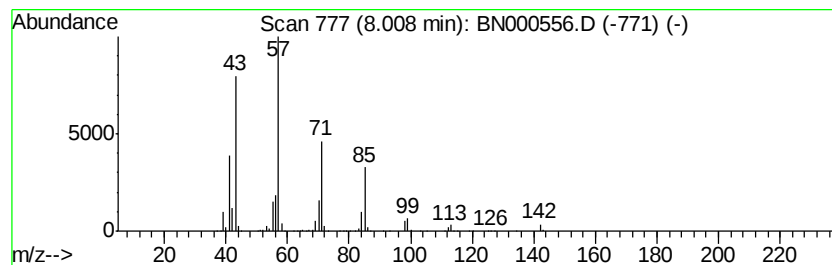
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	120.49 ng/ul	5781590	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Decane	142	C10H22	000124-18-5	94
3		Hexadecane	226	C16H34	000544-76-3	78
4		Tridecane	184	C13H28	000629-50-5	78
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
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Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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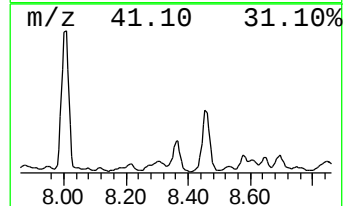
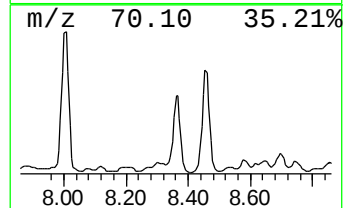
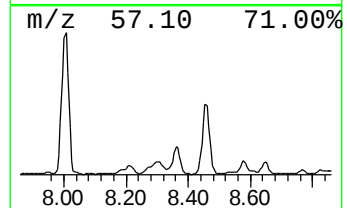
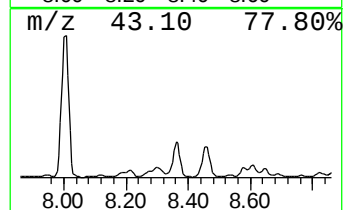
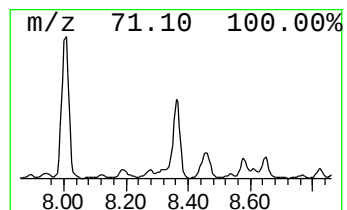
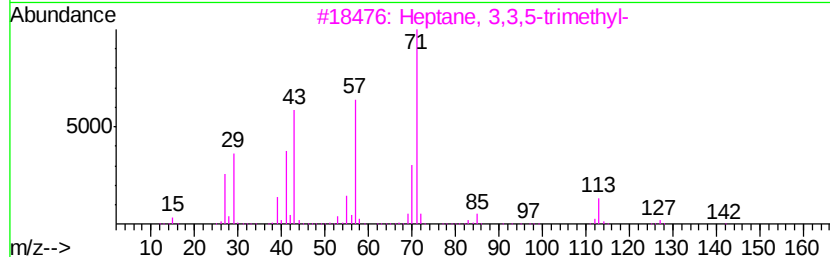
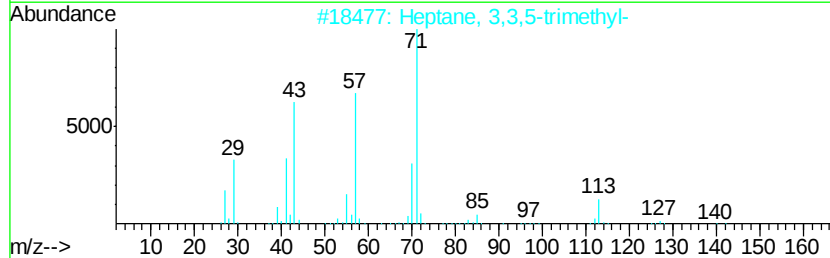
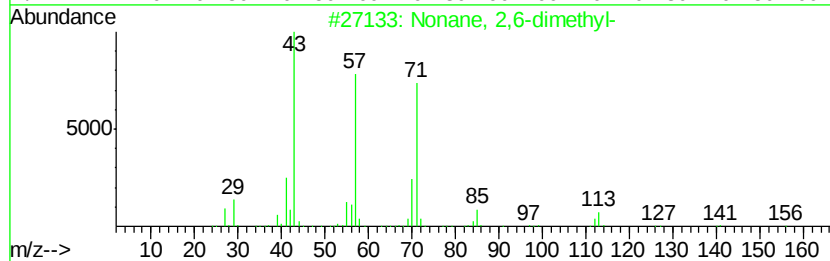
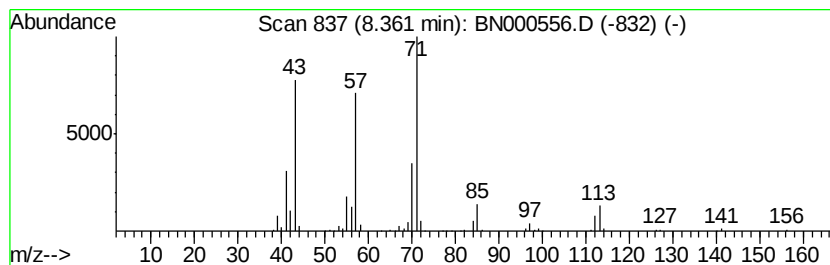
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	28.40 ng/ul	1362540	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5		Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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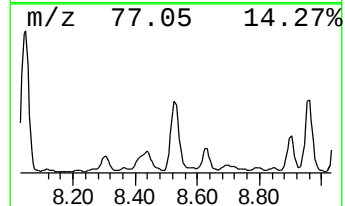
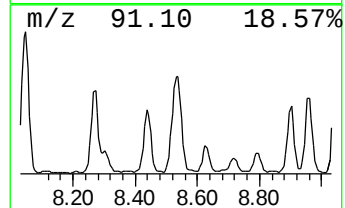
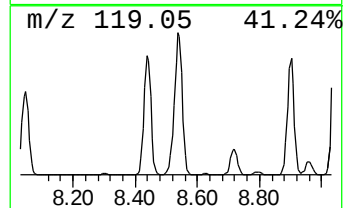
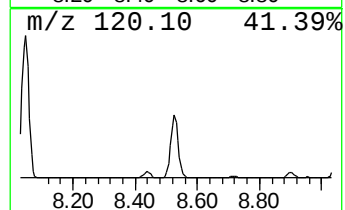
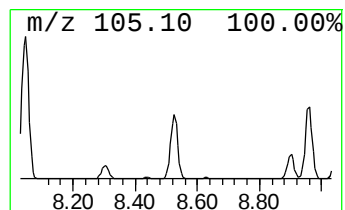
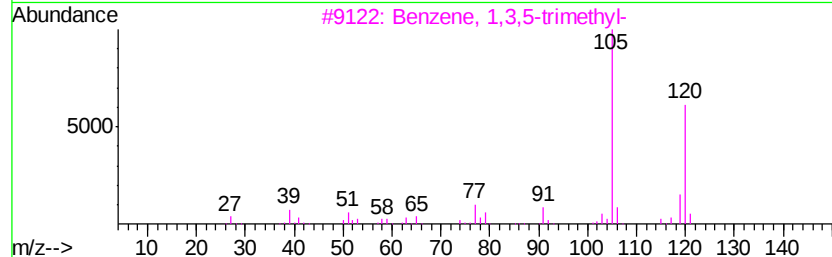
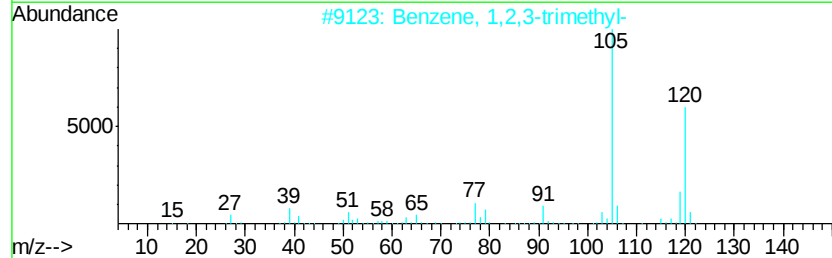
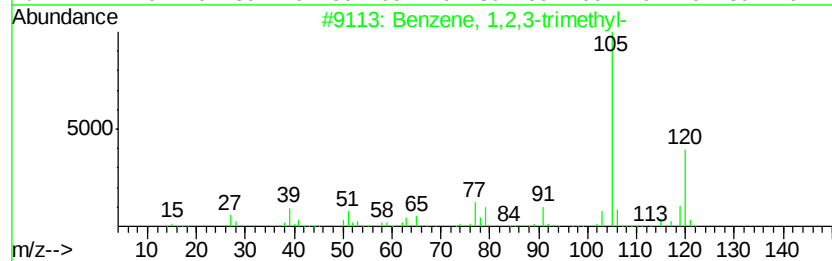
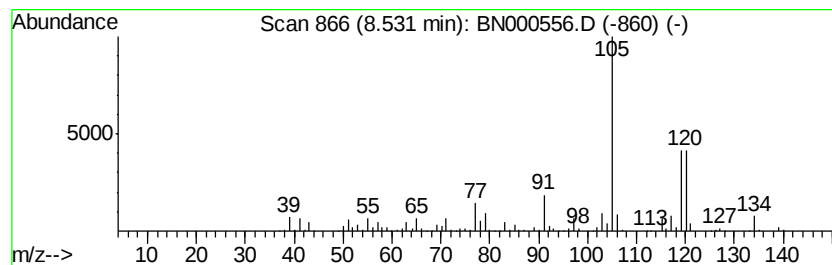
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	25.95 ng/ul	1245090	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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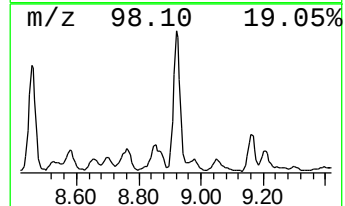
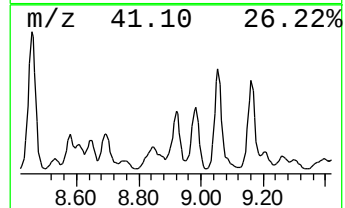
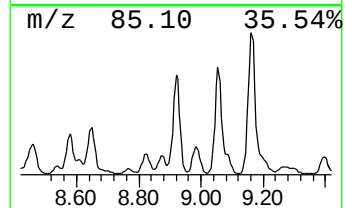
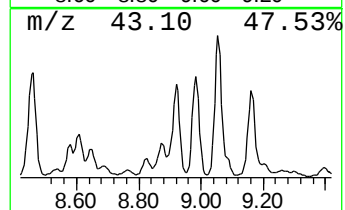
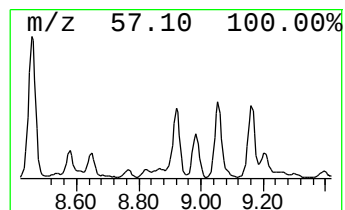
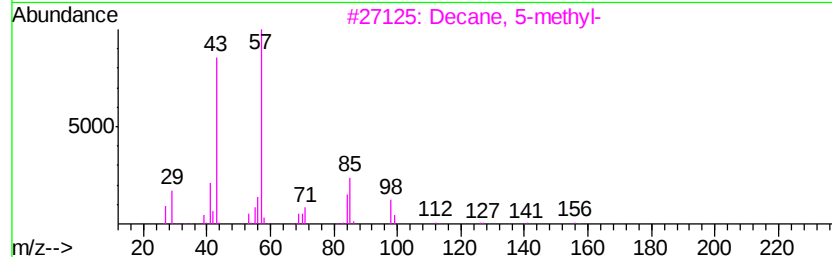
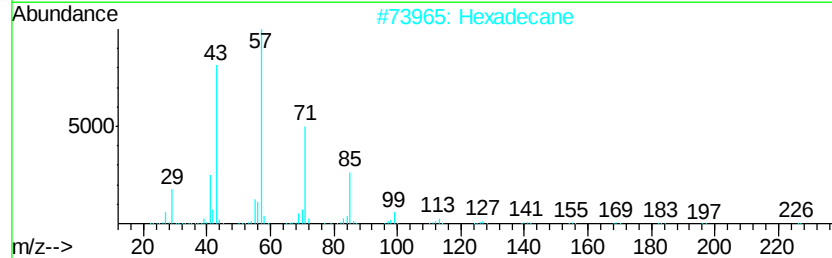
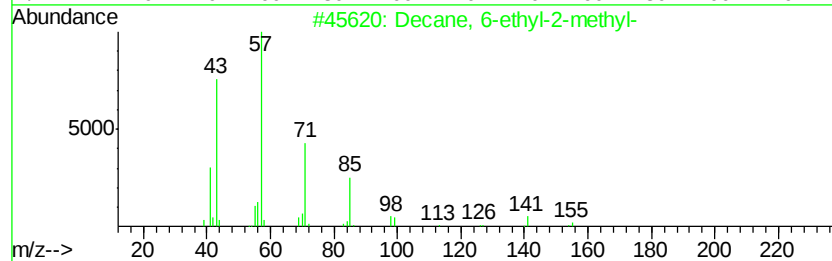
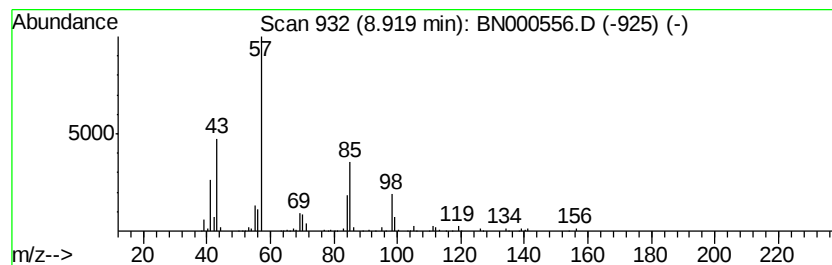
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	31.53 ng/ul	1513070	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
2		Hexadecane	226	C16H34	000544-76-3	53
3		Decane, 5-methyl-	156	C11H24	013151-35-4	52
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

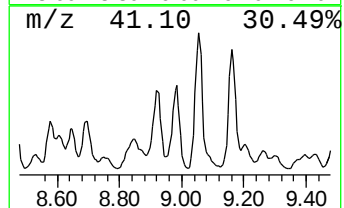
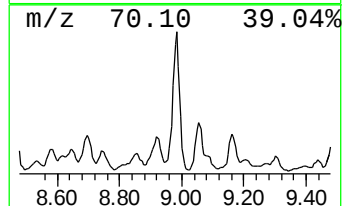
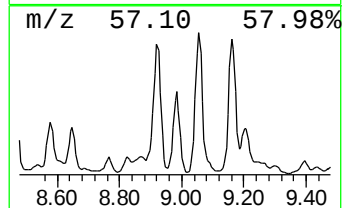
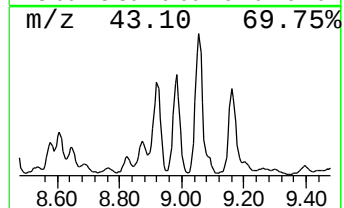
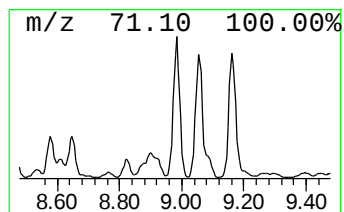
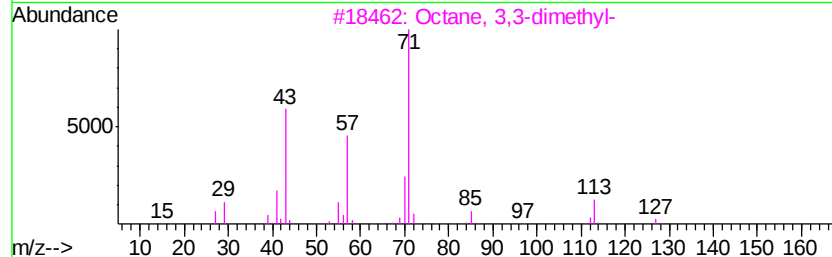
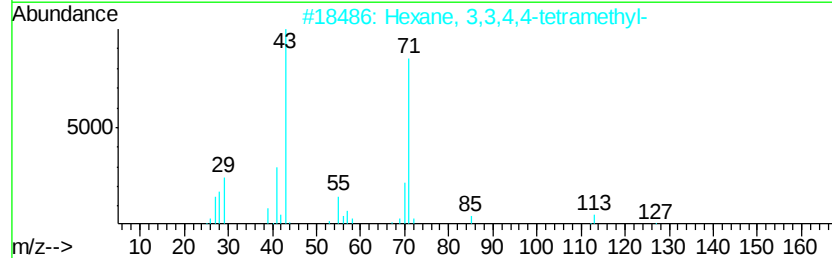
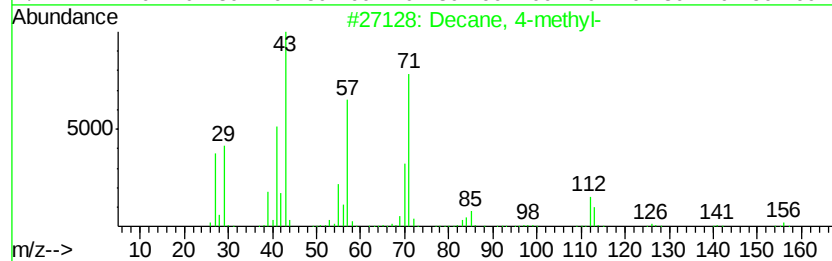
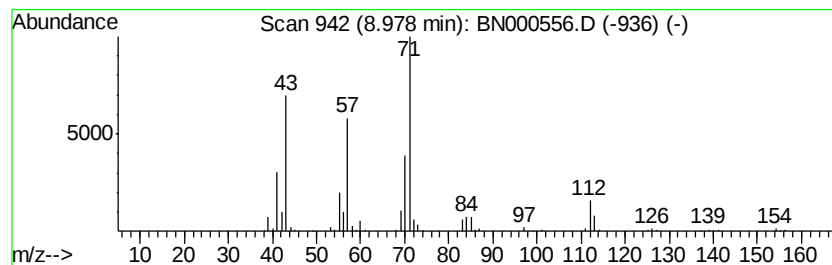
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	46.84 ng/ul	2247750	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2		Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64
5		Butanoic acid, 2-methylbutyl ester	158	C9H18O2	051115-64-1	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
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Acq On : 23 Mar 2018 00:28
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Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampled :
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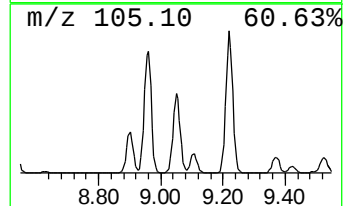
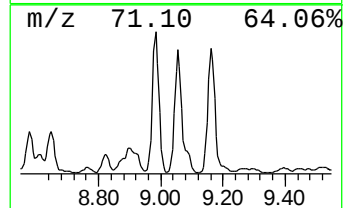
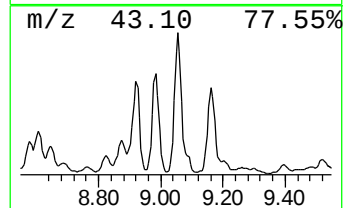
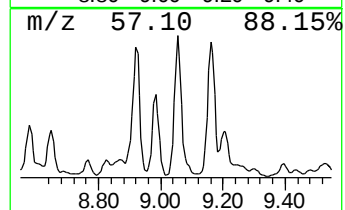
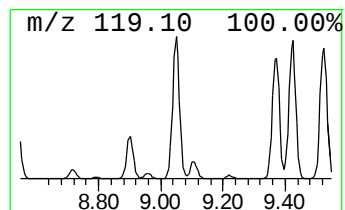
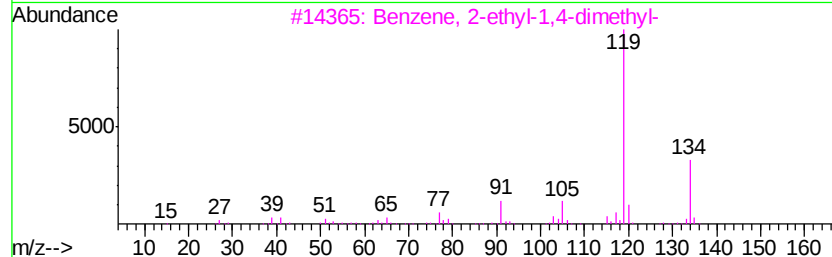
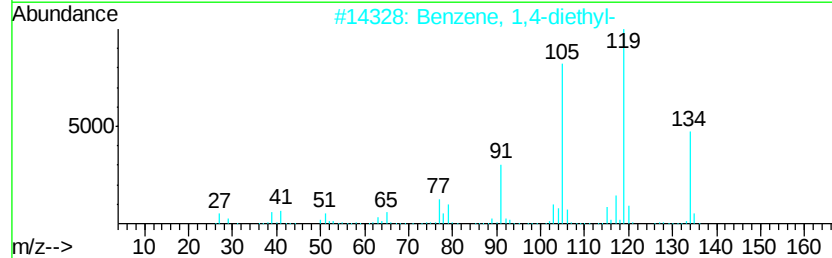
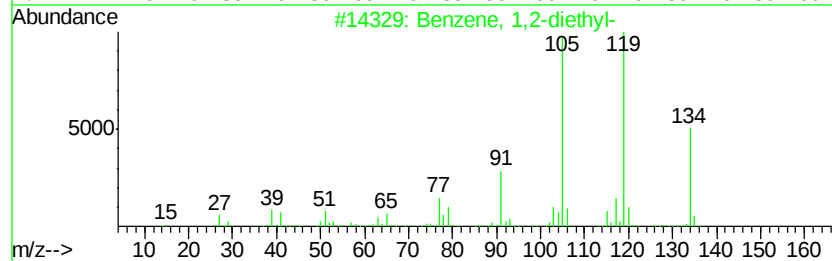
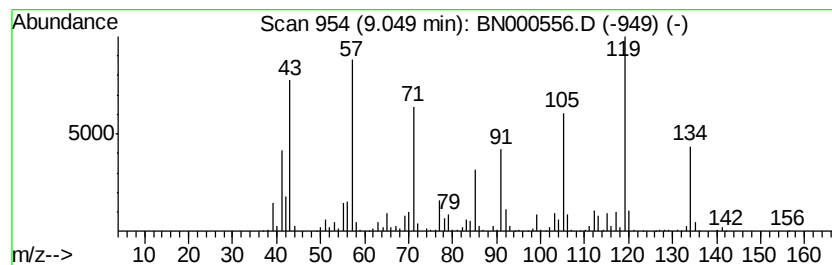
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	74.34 ng/ul	3567090	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	93
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	80



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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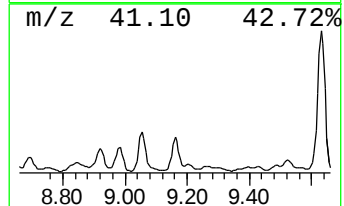
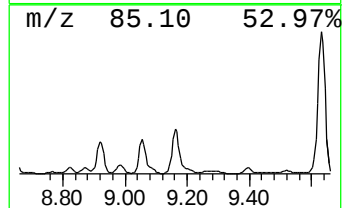
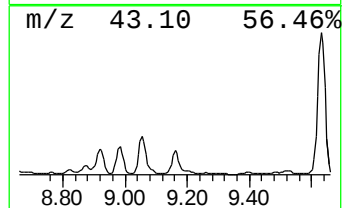
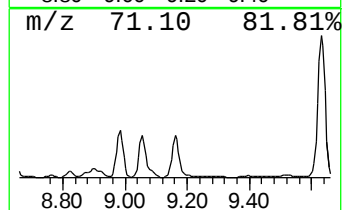
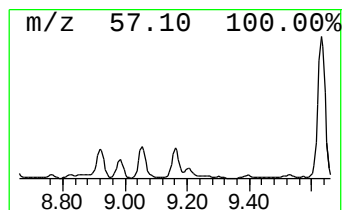
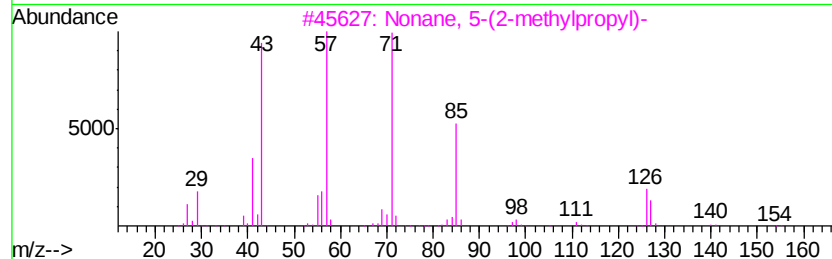
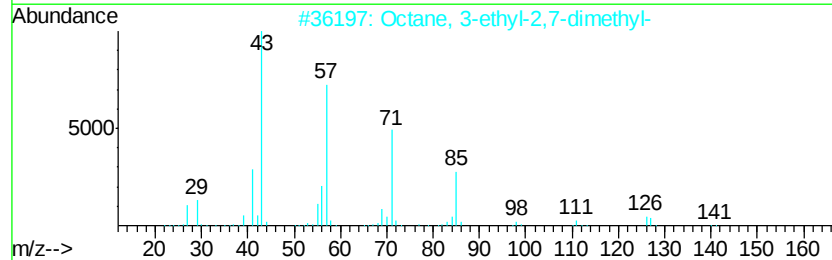
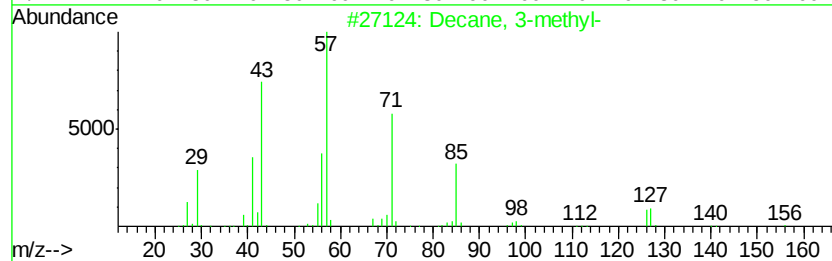
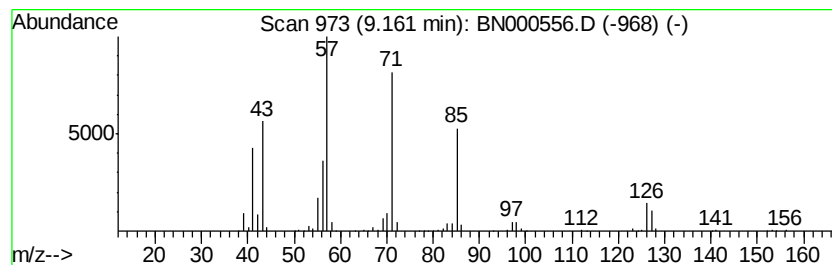
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	35.00 ng/ul	1679530	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
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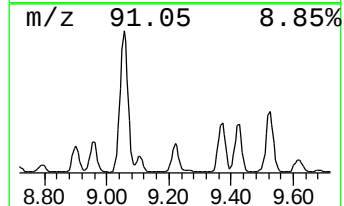
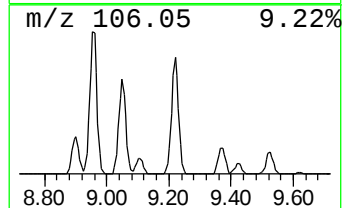
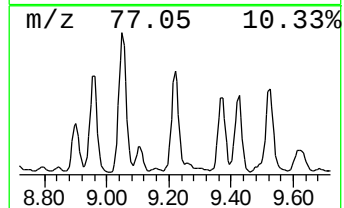
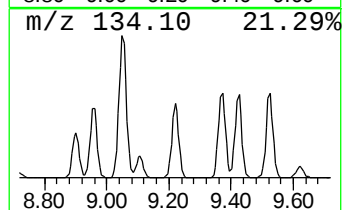
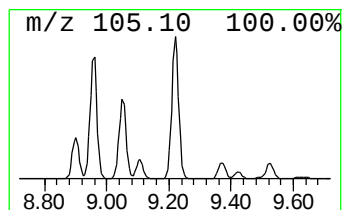
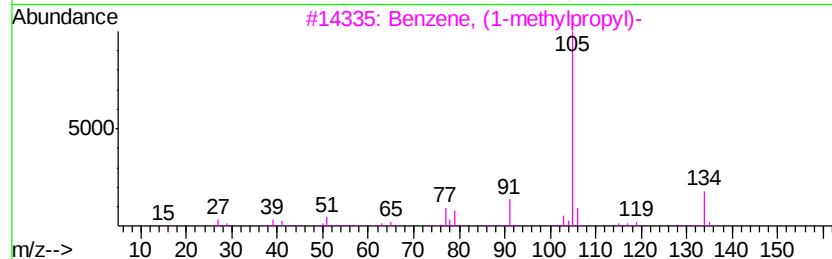
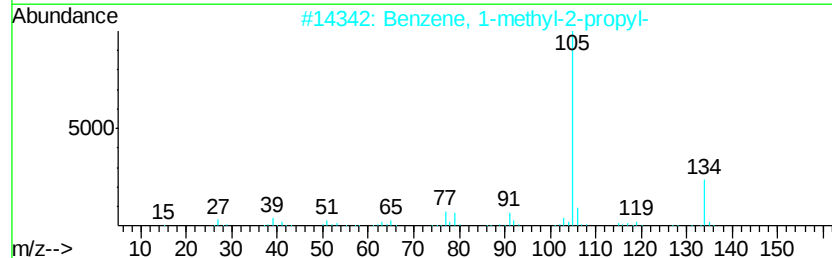
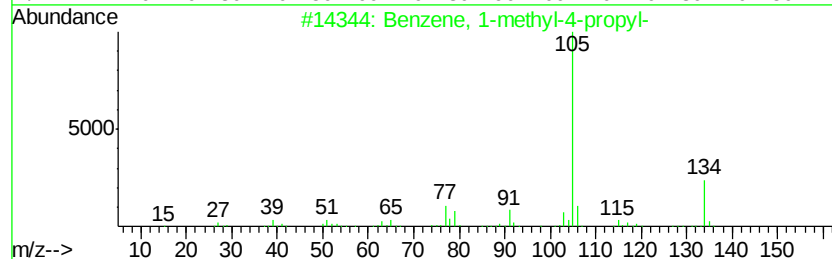
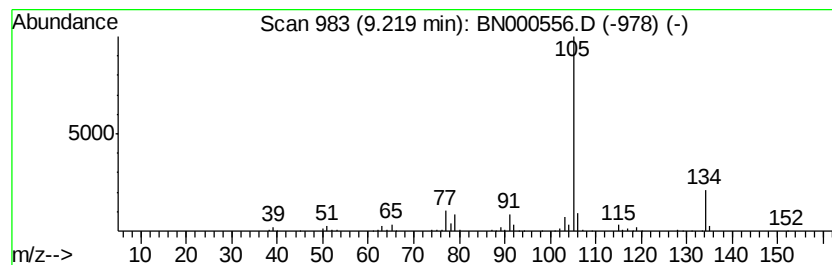
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	19.09 ng/ul	915927	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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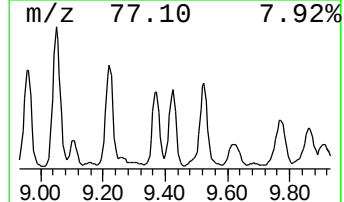
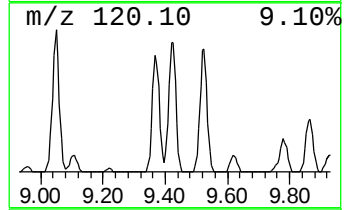
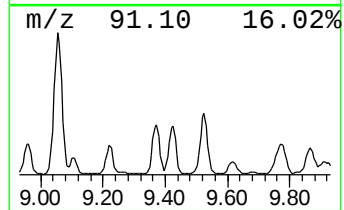
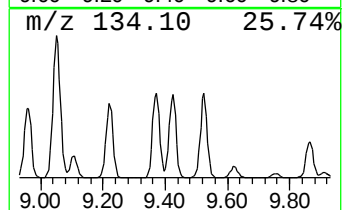
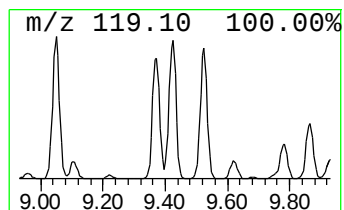
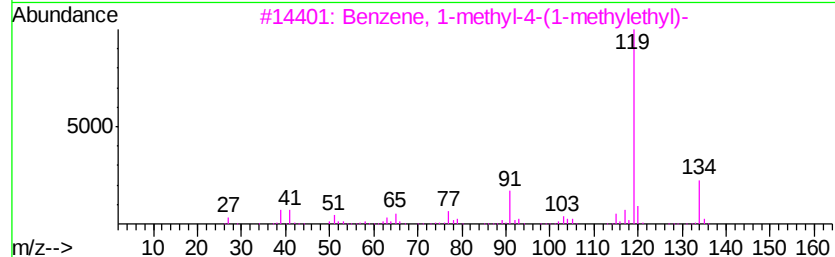
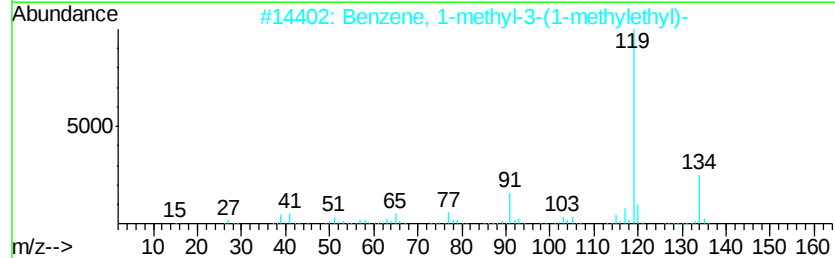
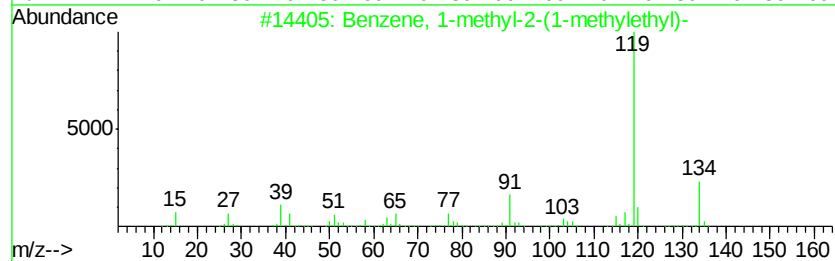
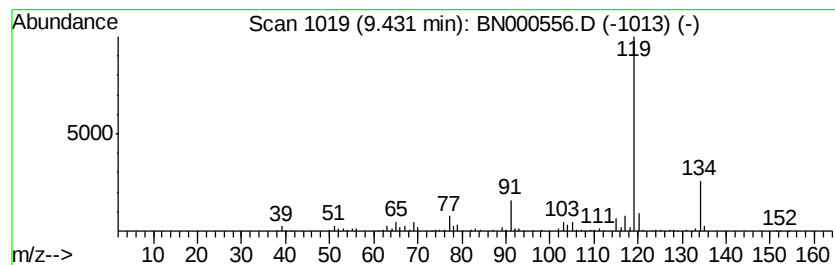
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-2-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	22.88 ng/ul	1097660	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
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Misc :
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ClientSampleID :
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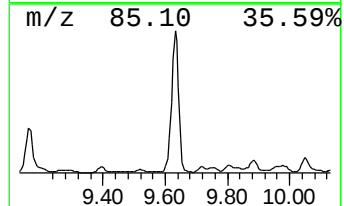
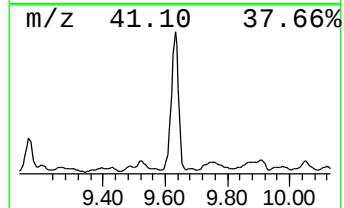
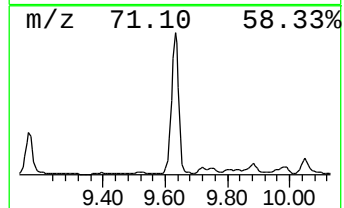
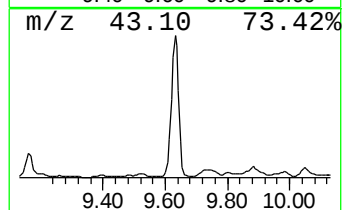
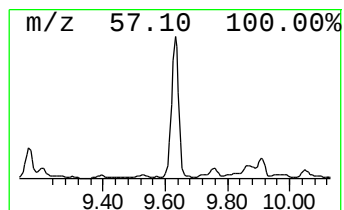
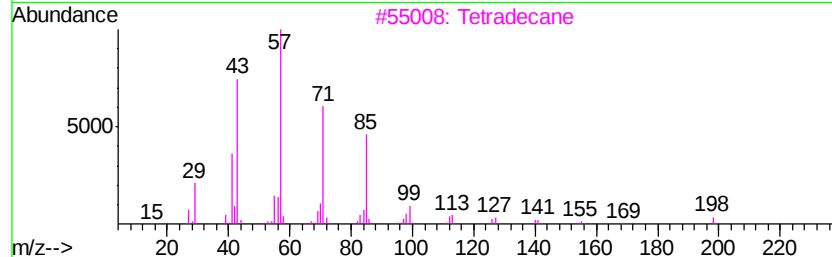
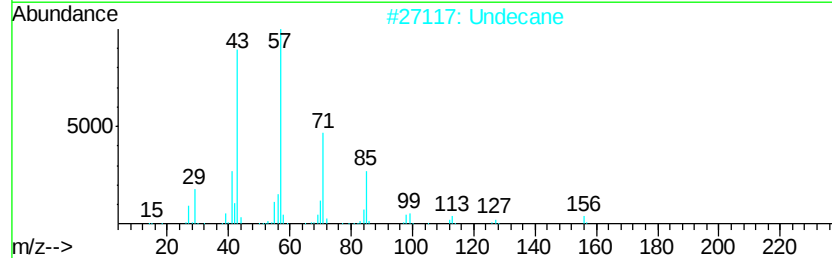
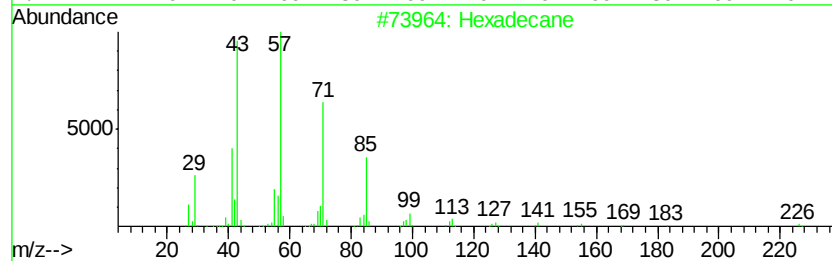
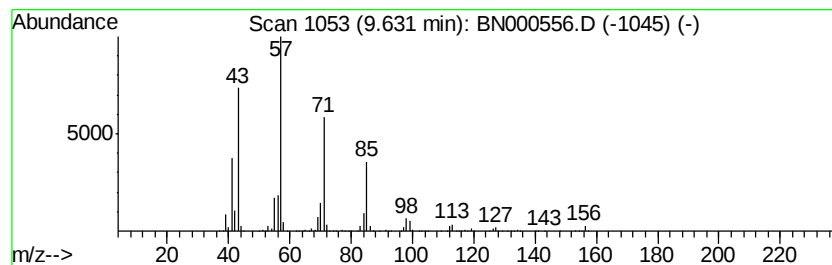
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	157.73 ng/ul	7568460	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Undecane	156	C11H24	001120-21-4	87
3		Tetradecane	198	C14H30	000629-59-4	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane	184	C13H28	000629-50-5	78



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

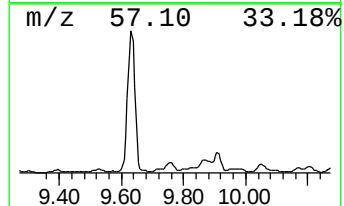
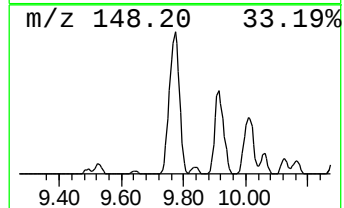
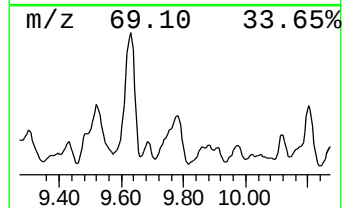
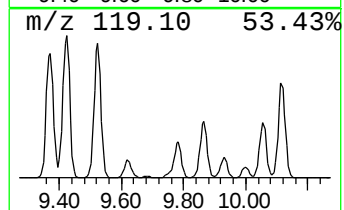
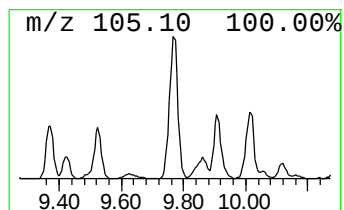
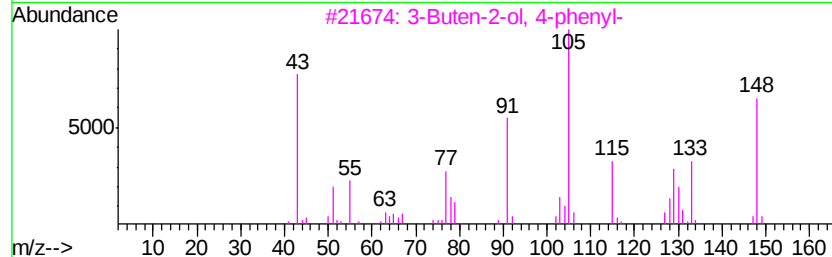
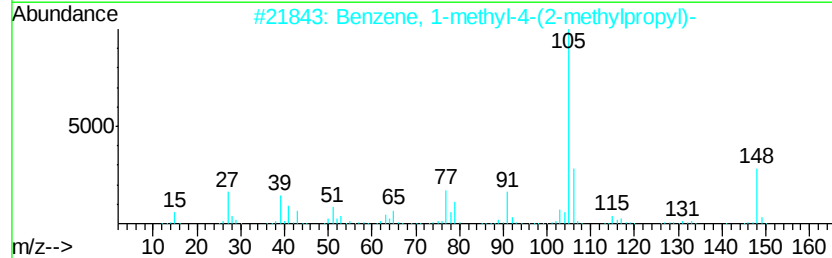
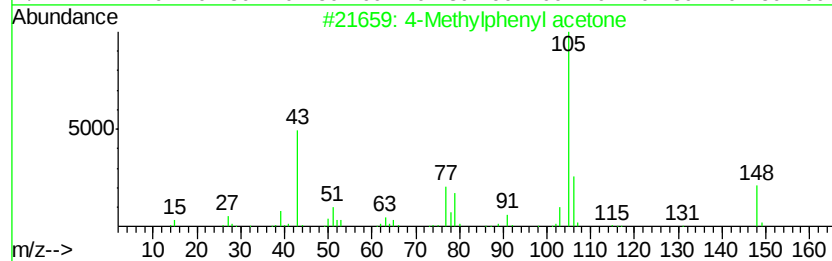
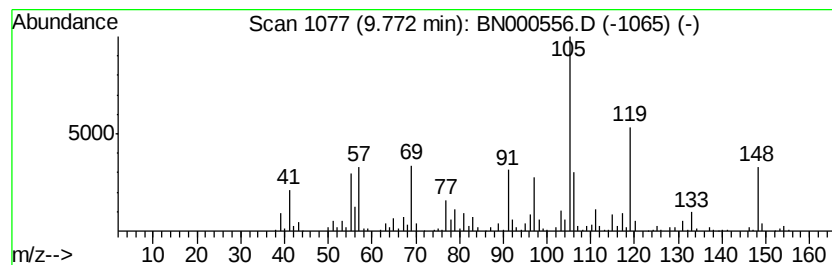
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 4-Methylphenyl acetone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	38.04 ng/ul	1825440	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	50
3		3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	43
4		2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
5		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

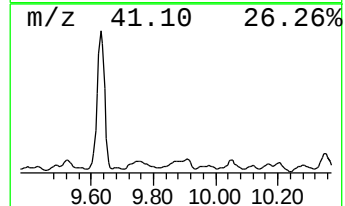
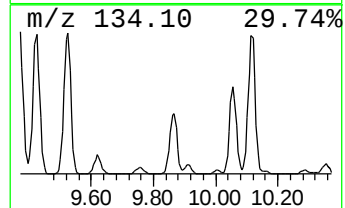
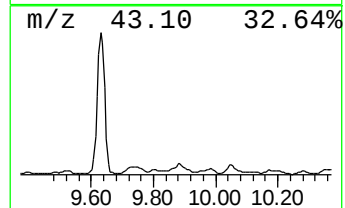
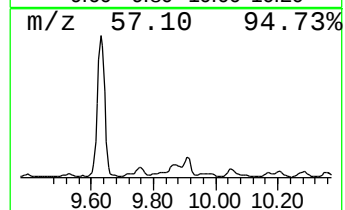
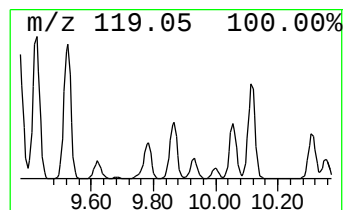
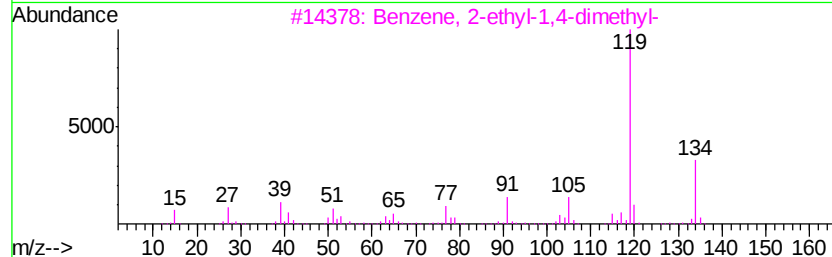
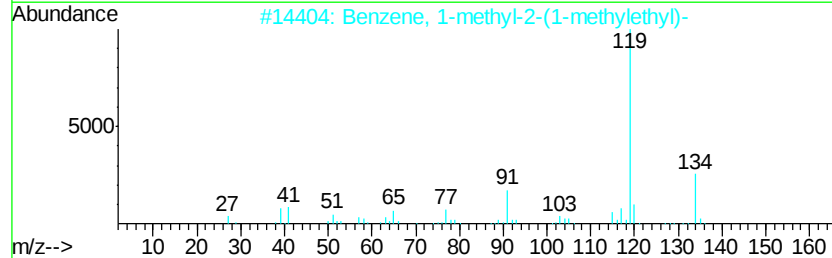
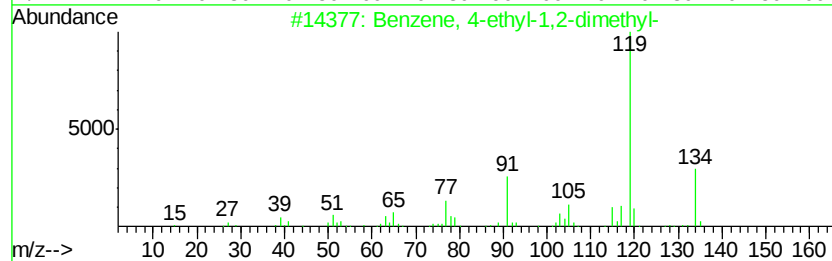
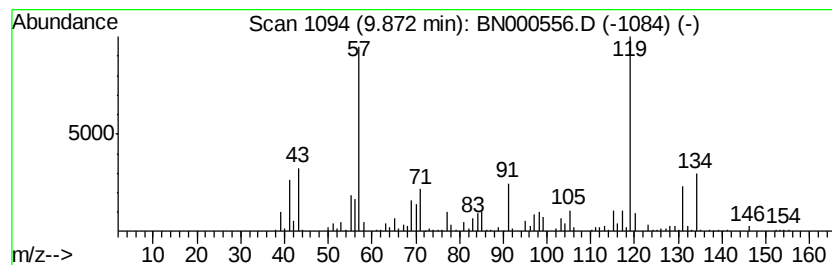
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	11.49 ng/ul	1355800	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
2		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	89
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

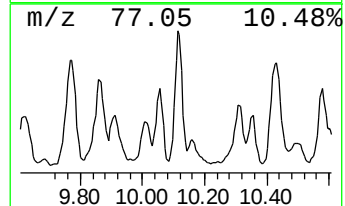
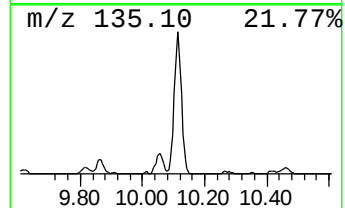
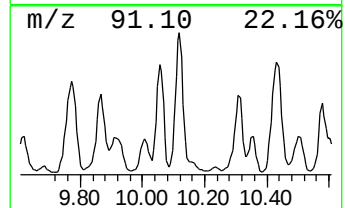
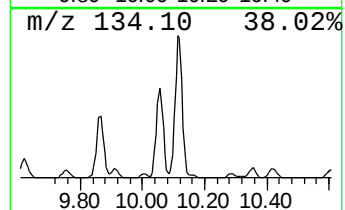
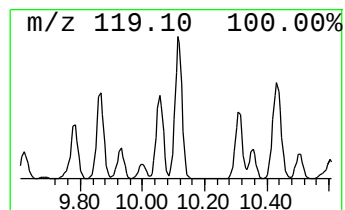
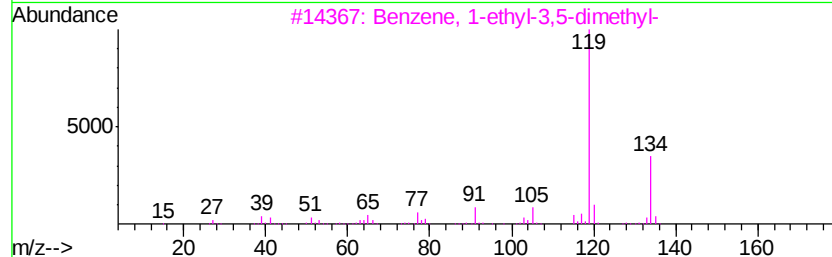
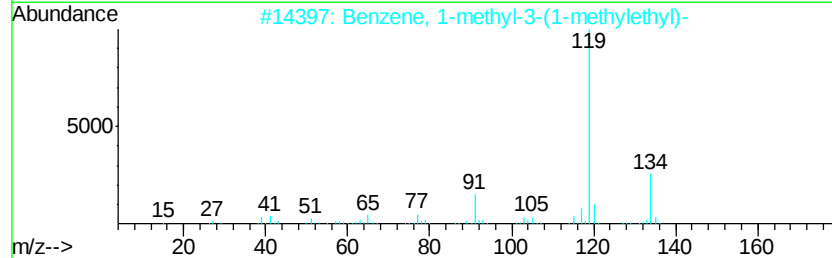
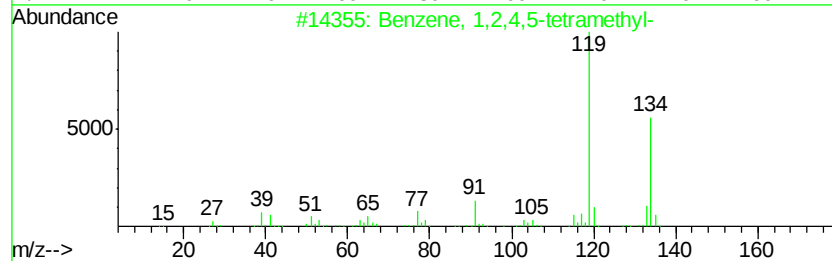
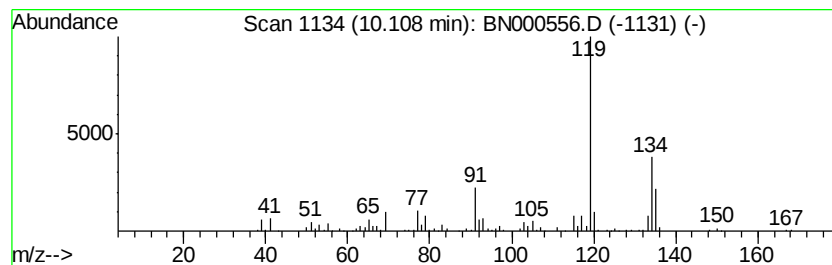
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	7.47 ng/ul	881231	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
DAM41DL

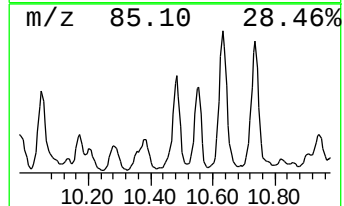
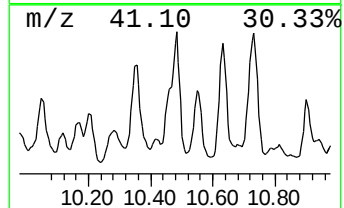
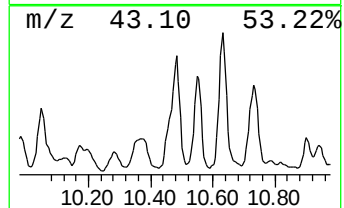
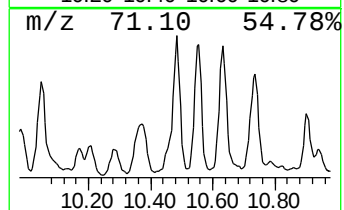
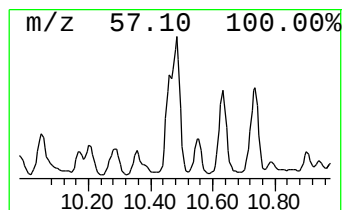
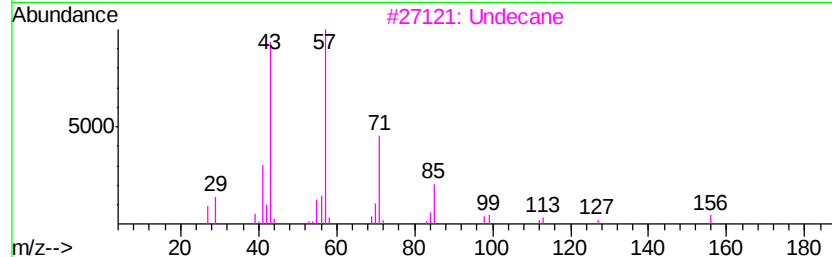
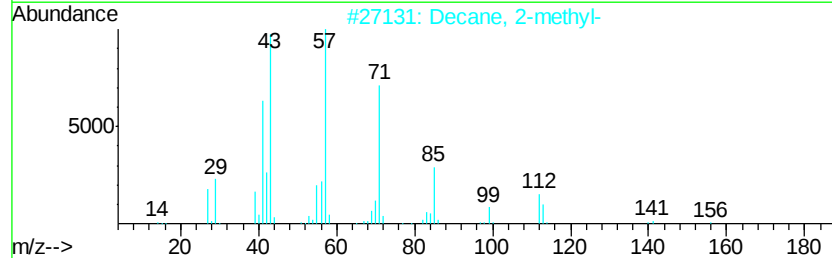
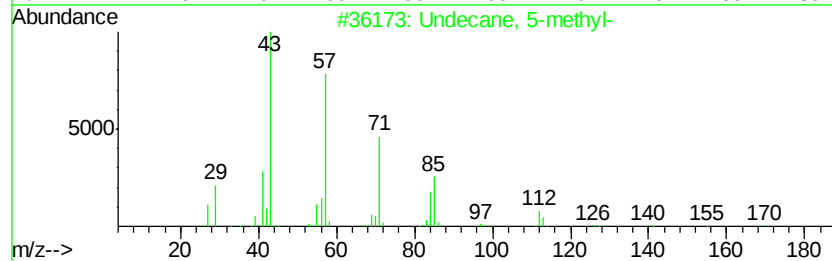
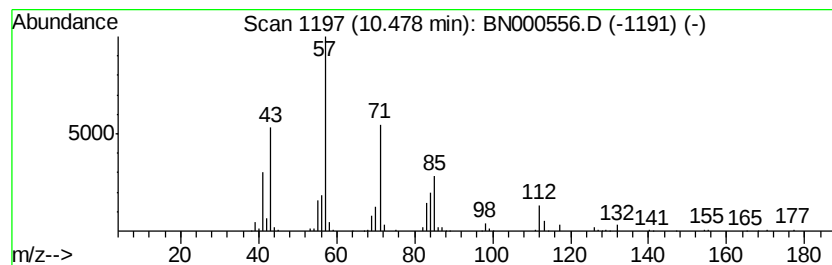
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	14.06 ng/ul	1658350	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2		Decane, 2-methyl-	156	C11H24	006975-98-0	59
3		Undecane	156	C11H24	001120-21-4	59
4		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	53
5		Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
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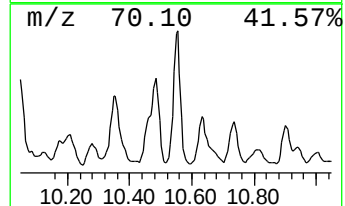
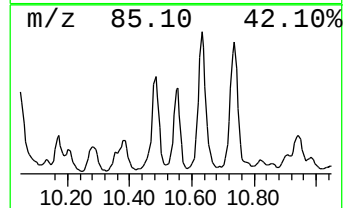
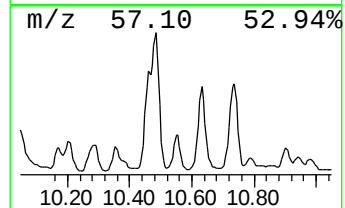
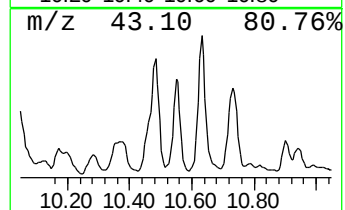
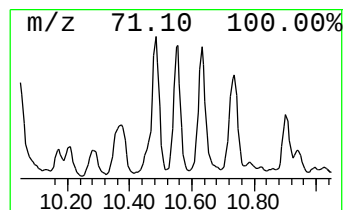
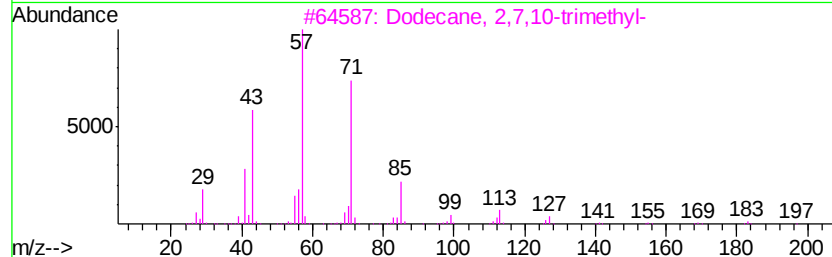
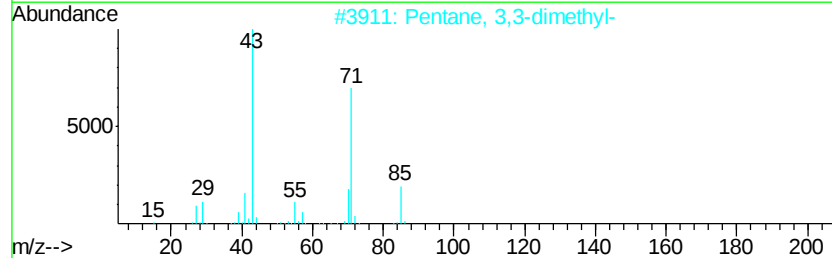
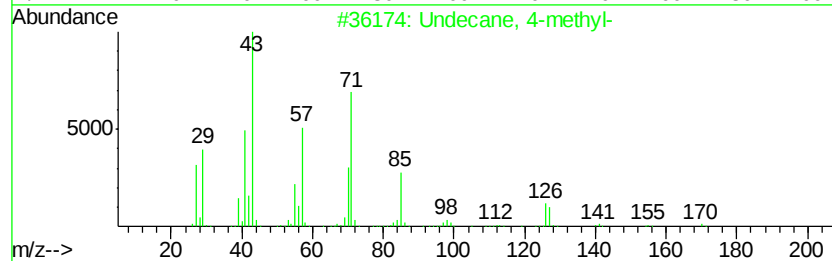
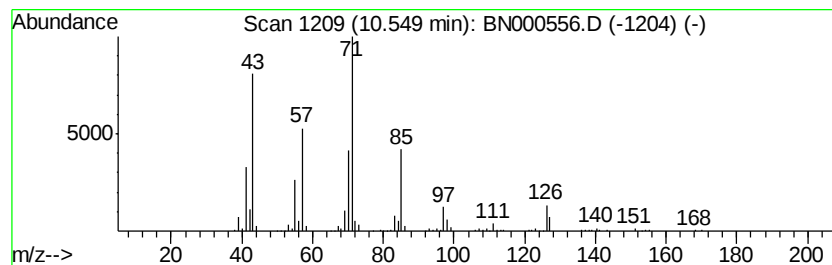
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	7.09 ng/ul	836463	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	78
2		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	50
5		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

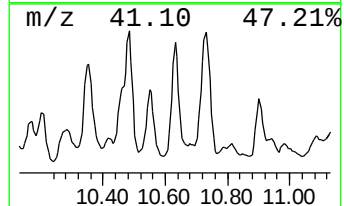
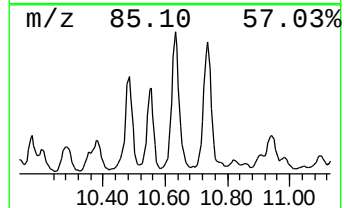
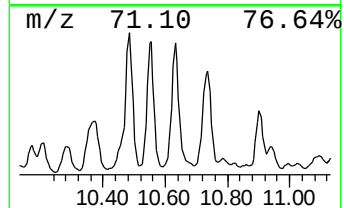
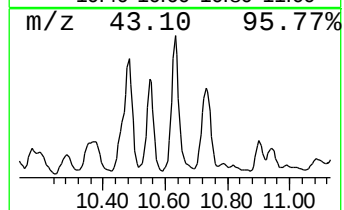
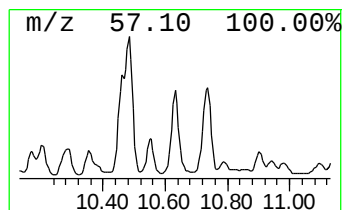
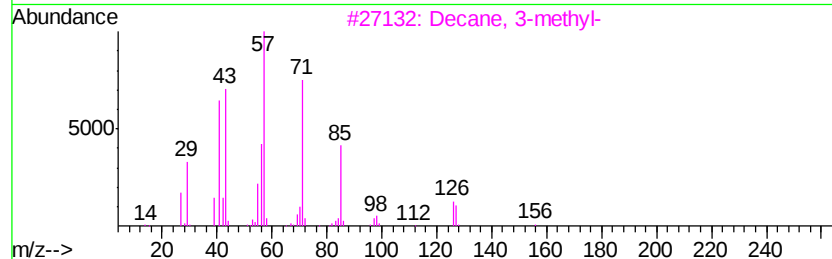
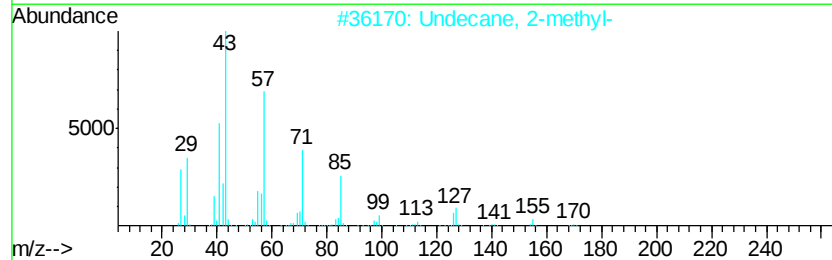
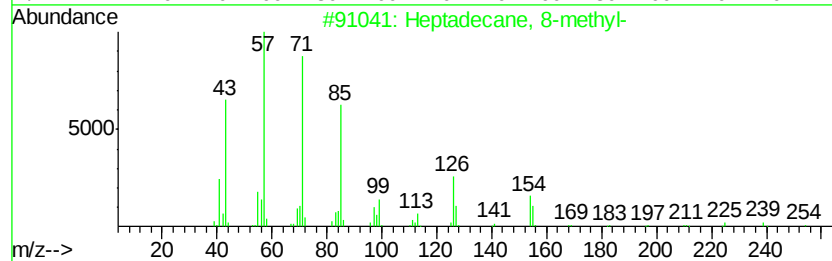
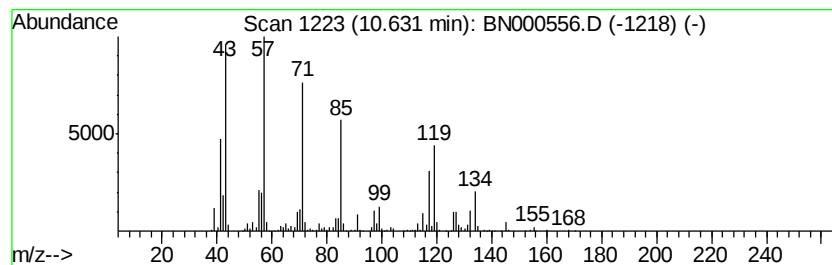
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	11.69 ng/ul	1379570	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	49
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	49
3		Decane, 3-methyl-	156	C11H24	013151-34-3	46
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	43
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

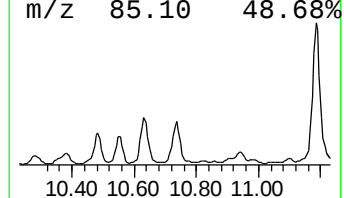
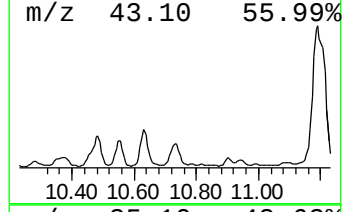
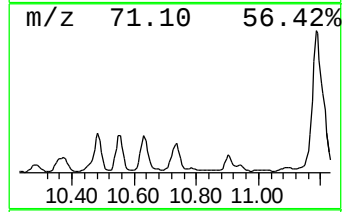
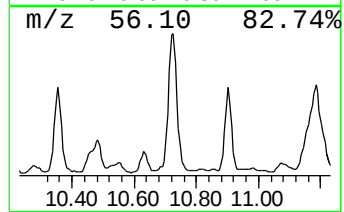
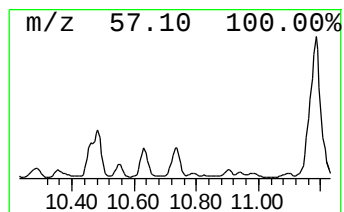
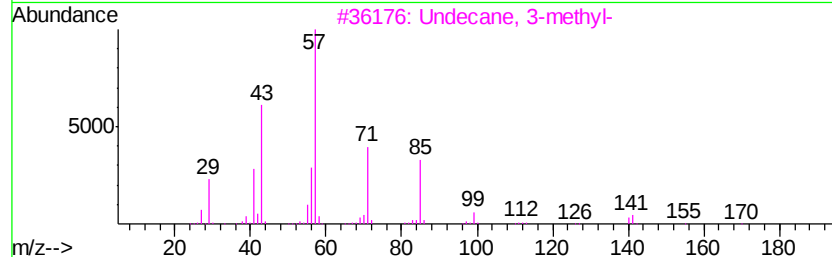
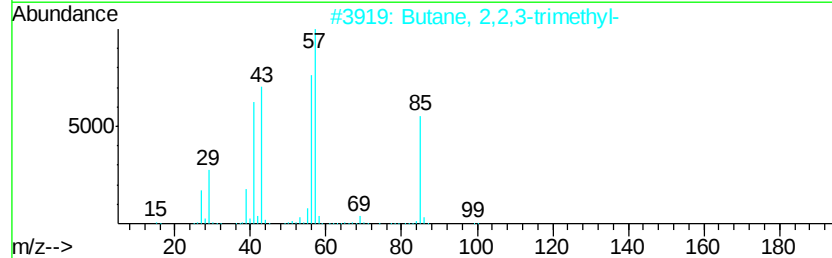
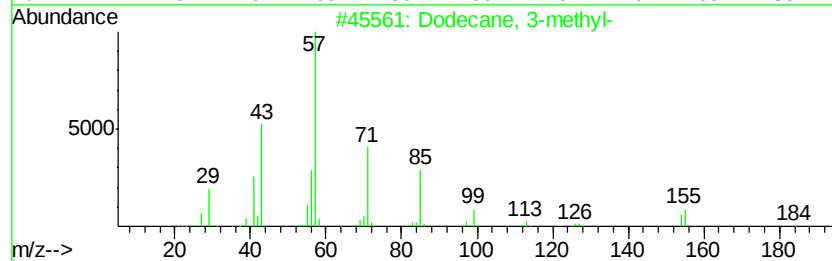
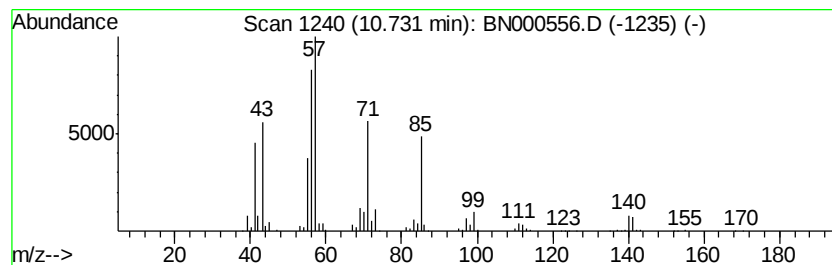
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	11.48 ng/ul	1354520	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4		Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	43
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
DAM41DL

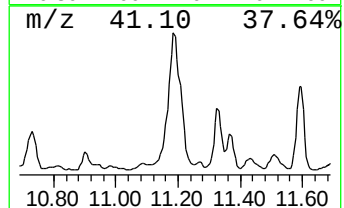
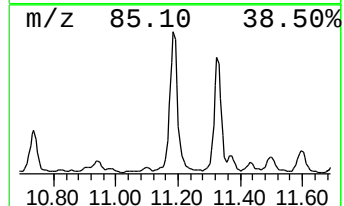
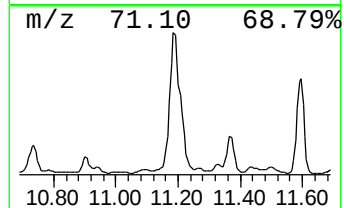
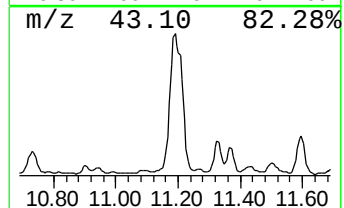
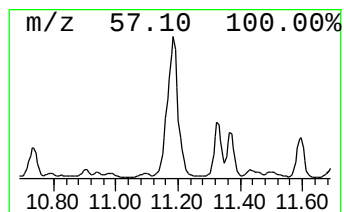
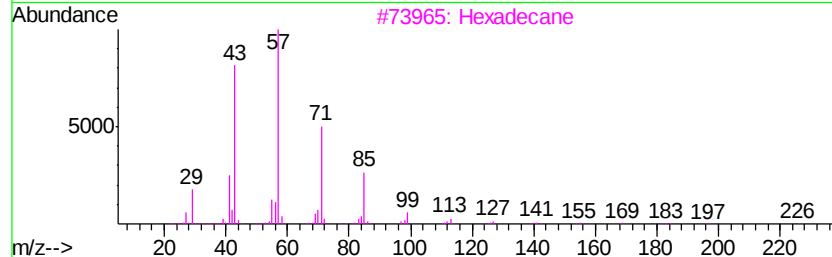
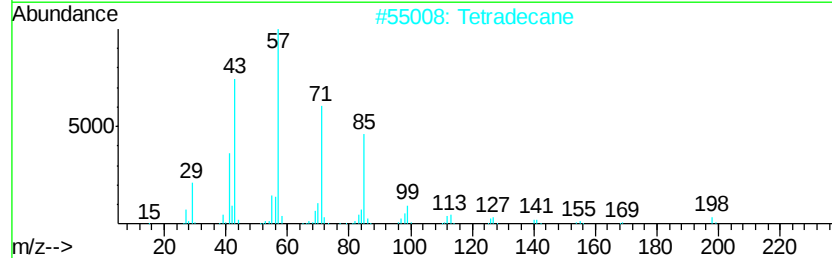
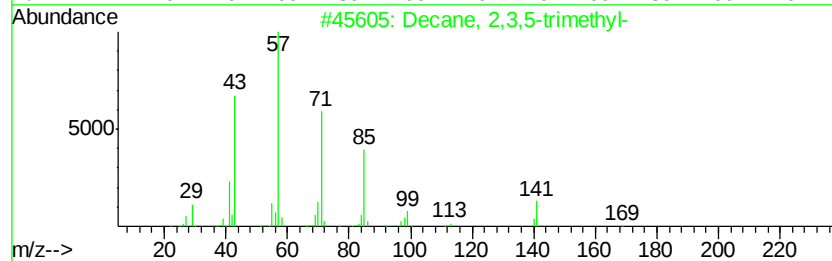
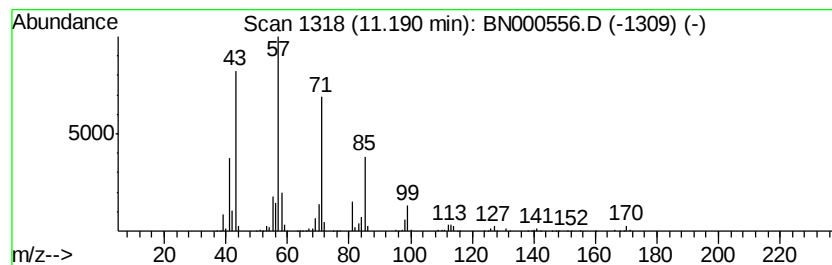
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	44.20 ng/ul	5214260	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
2		Tetradecane	198	C14H30	000629-59-4	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		10-Methylnonadecane	282	C20H42	056862-62-5	64
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

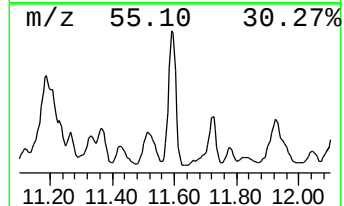
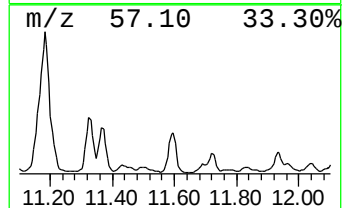
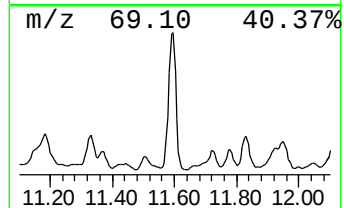
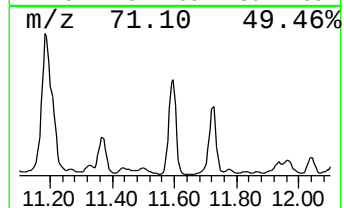
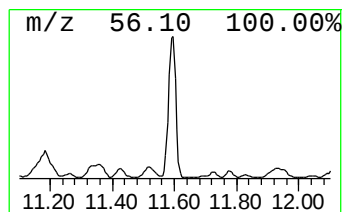
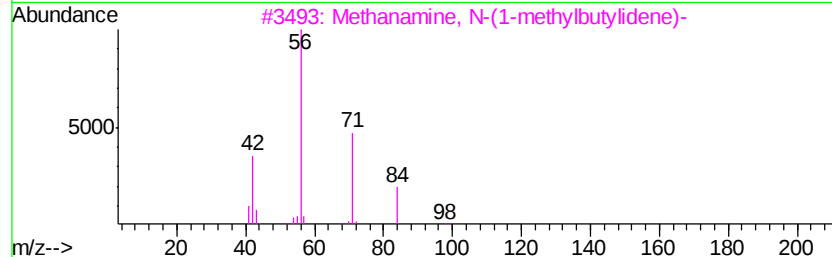
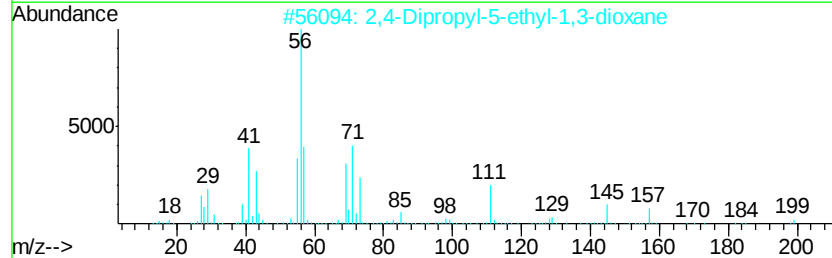
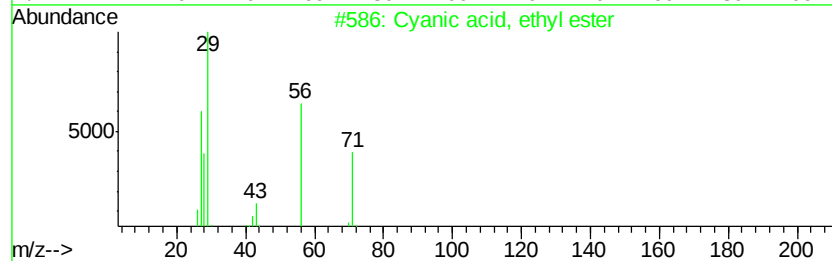
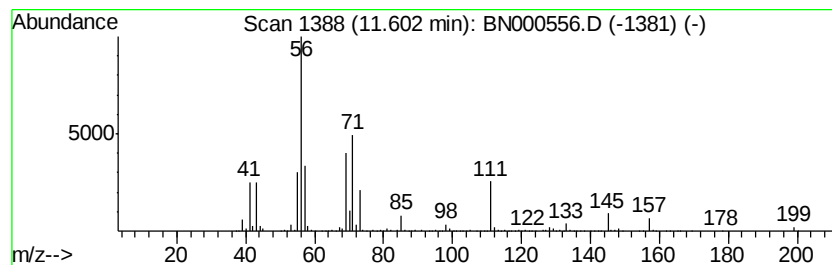
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	29.61 ng/ul	3492680	Naphthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyanoic acid, ethyl ester	71 C3H5NO	000627-48-5 40
2		2,4-Dipropyl-5-ethyl-1,3-dioxane	200 C12H24O2	006413-83-8 38
3		Methanamine, N-(1-methylbutylidene)-	99 C6H13N	022431-09-0 38
4		Pentane, 2,3-dimethyl-	100 C7H16	000565-59-3 36
5		Oxirane, 2,3-bis(1-methylethyl)-	128 C8H16O	054644-32-5 32



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
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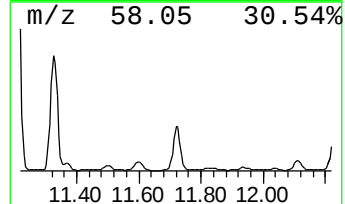
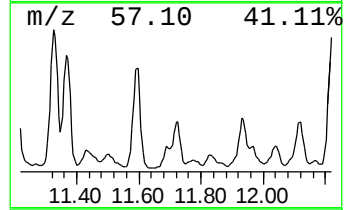
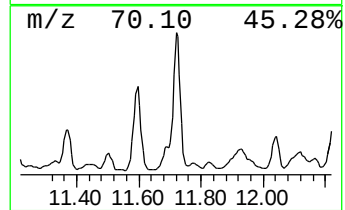
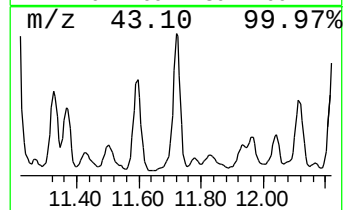
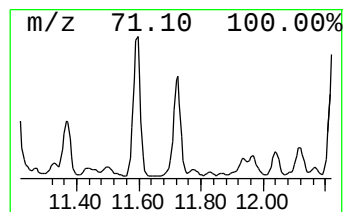
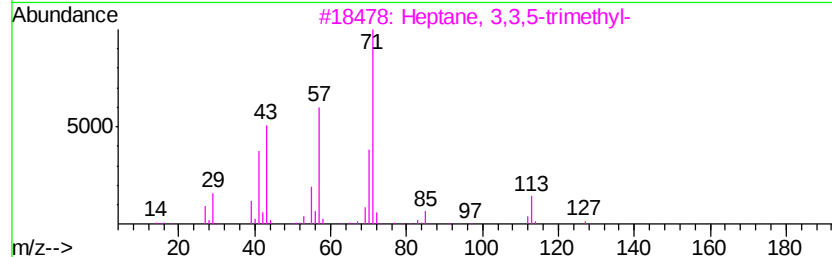
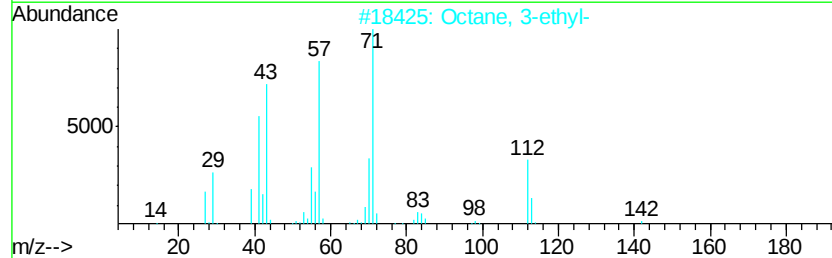
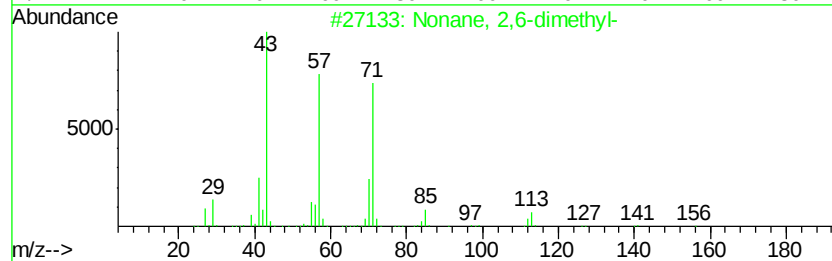
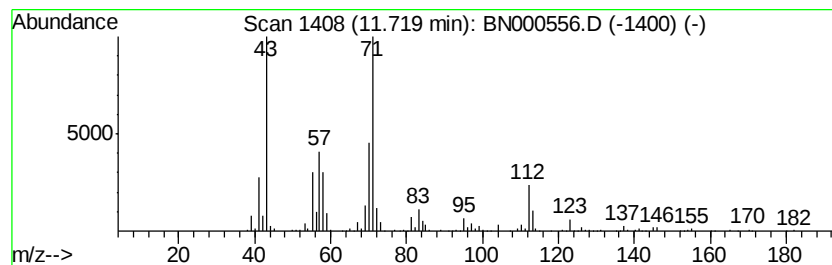
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	14.49 ng/ul	1709330	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	50
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4		1-Methylcyclohexanol	114	C7H14O	000590-67-0	47
5		1-Methylcyclohexanol	114	C7H14O	000590-67-0	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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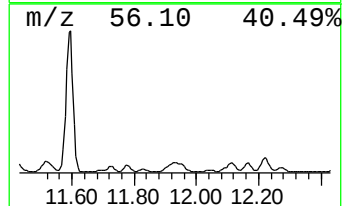
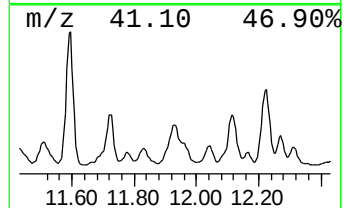
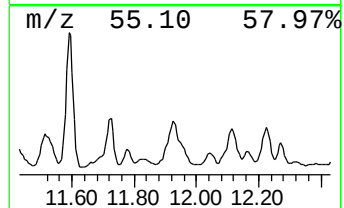
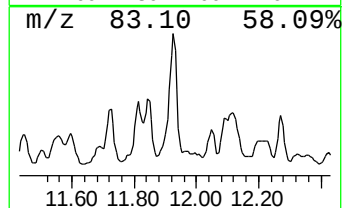
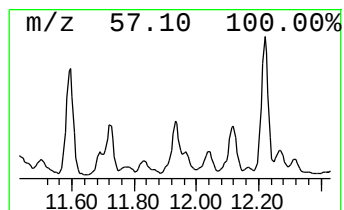
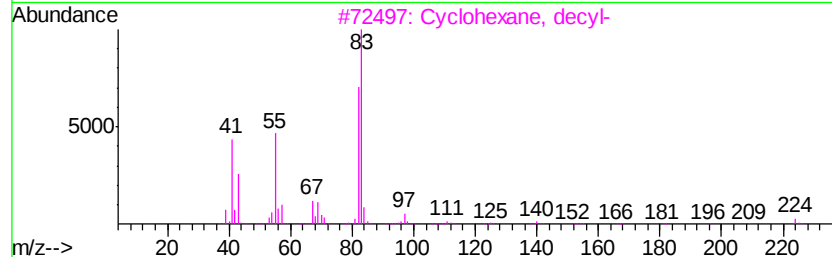
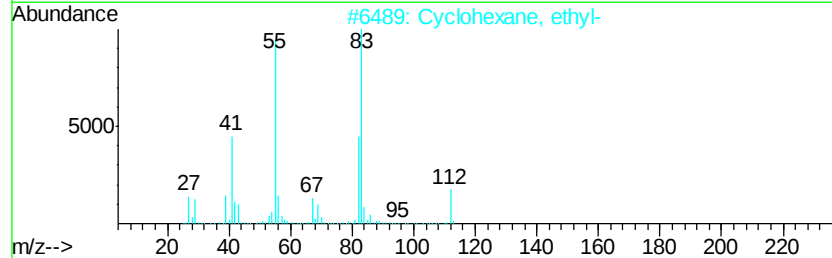
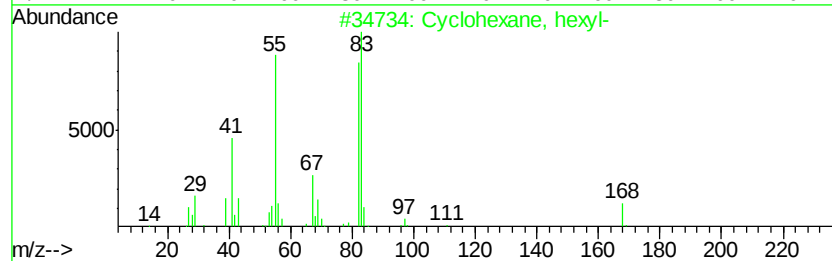
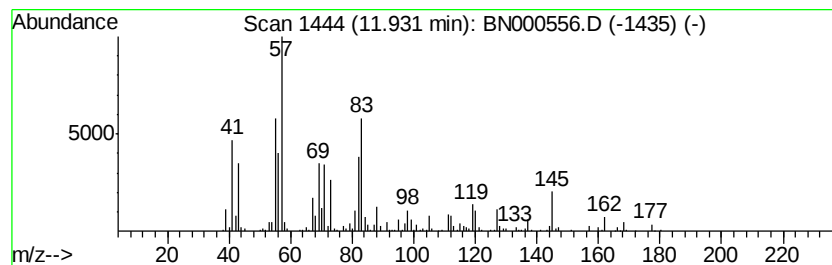
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Cyclic11.93 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	15.62 ng/ul	1842190	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	27
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	27
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	27
5		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

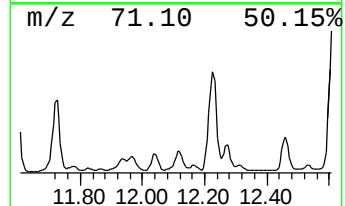
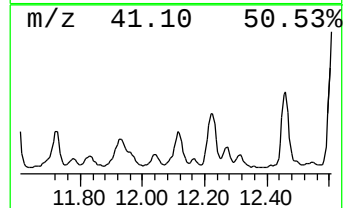
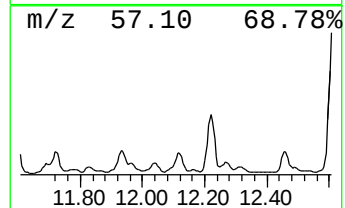
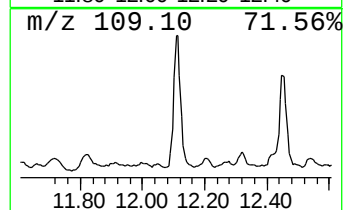
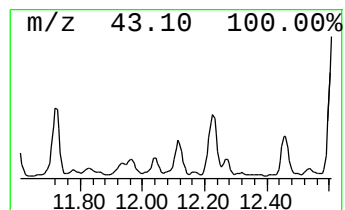
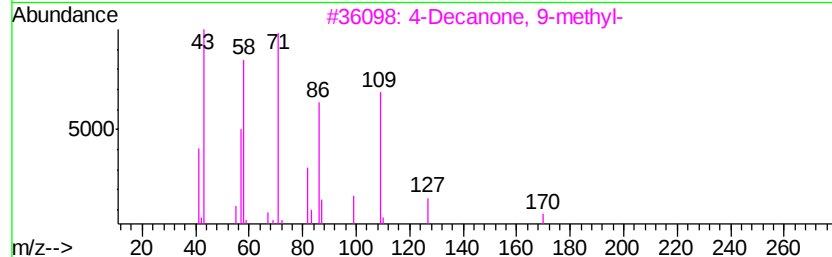
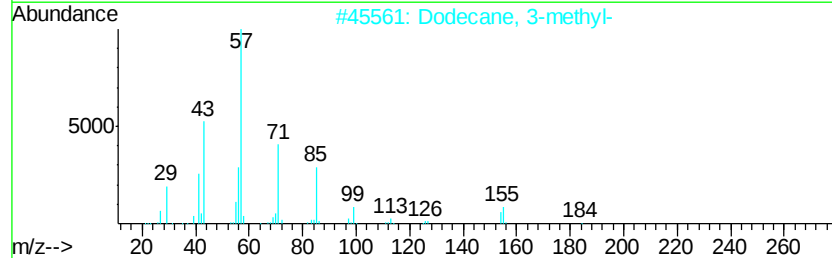
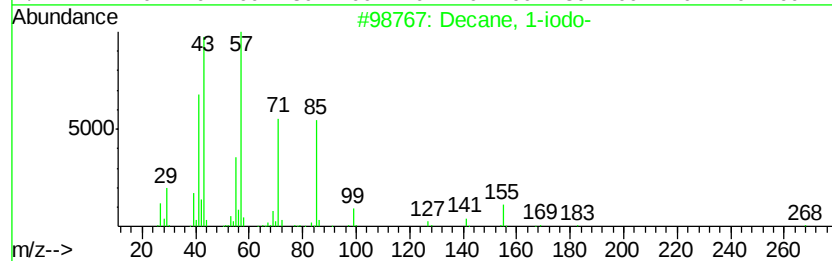
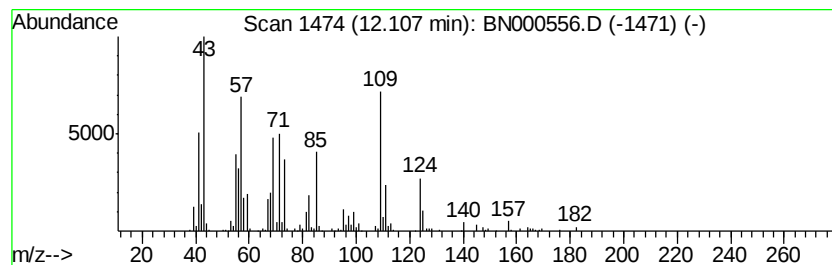
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	11.73 ng/ul	1384320	Napthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3 30
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1 27
3	4-Decanone, 9-methyl-	170	C11H22O	029379-11-1 27
4	Undecane	156	C11H24	001120-21-4 27
5	1-Iodoundecane	282	C11H23I	004282-44-4 27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL

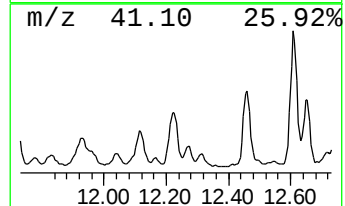
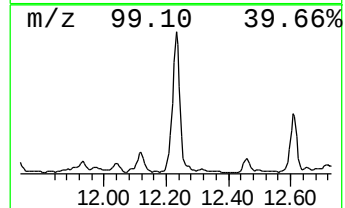
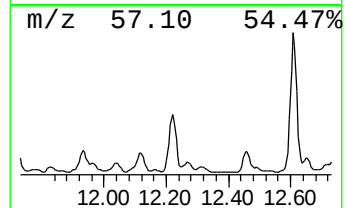
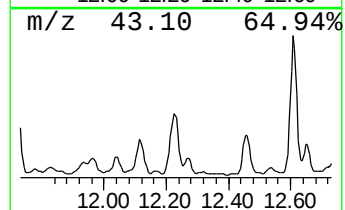
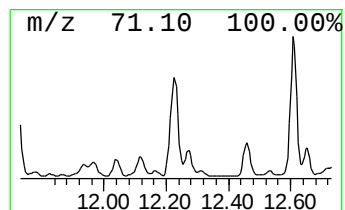
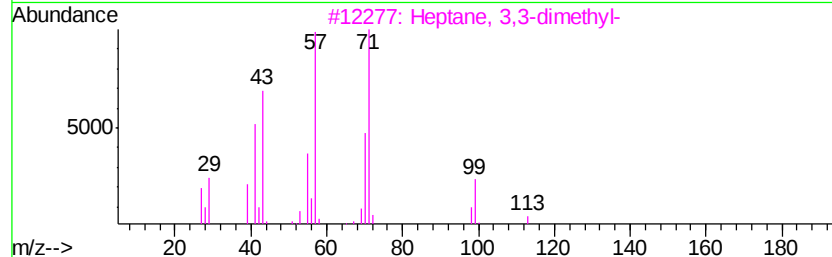
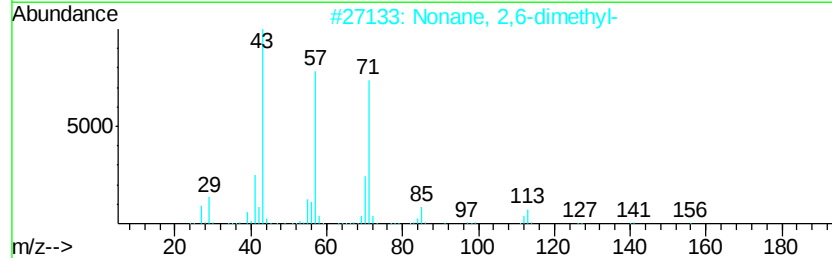
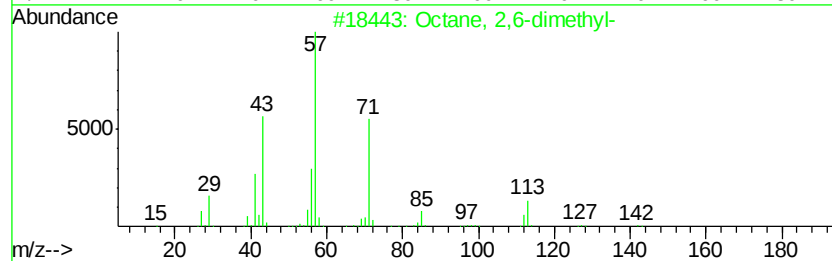
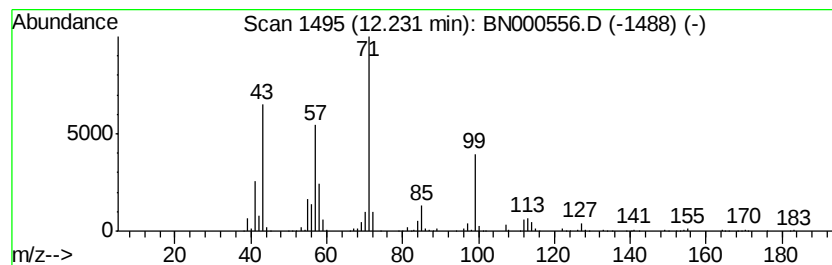
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	18.01 ng/ul	2124480	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	64
4			Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	59
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	55



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL

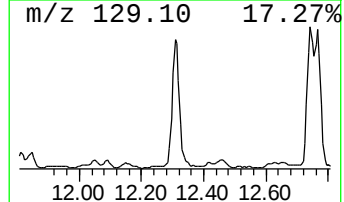
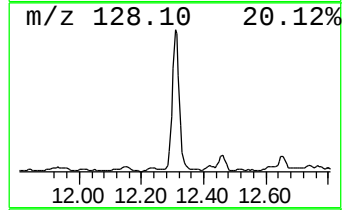
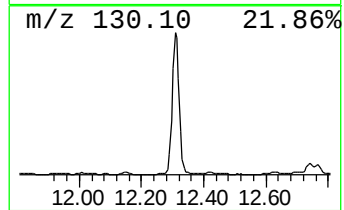
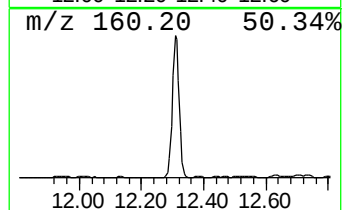
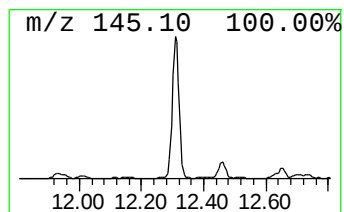
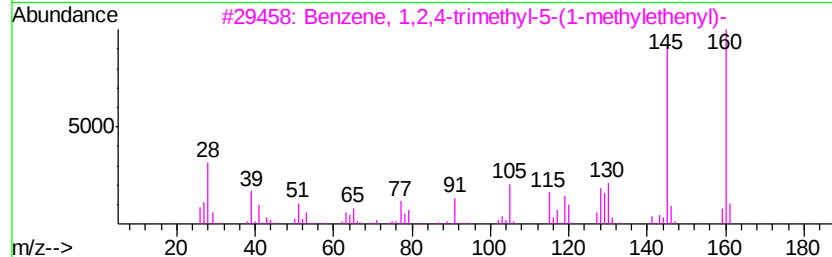
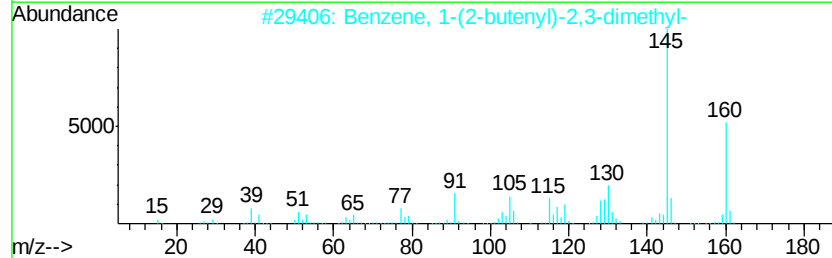
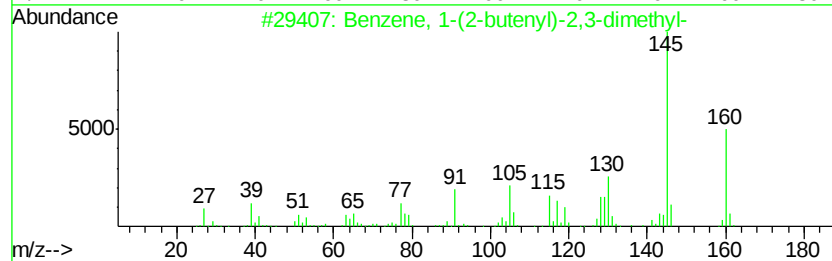
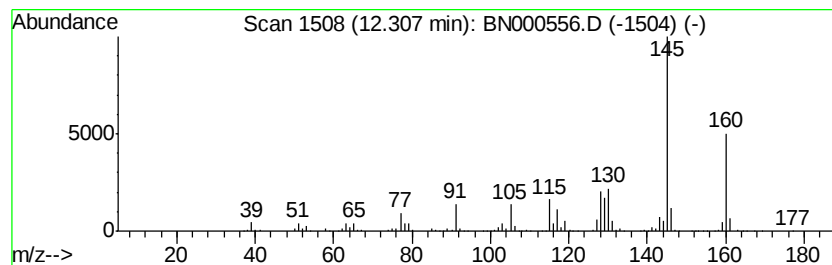
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	25.99 ng/ul	3065430	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
3		Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	94
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	93



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Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

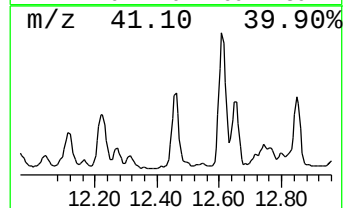
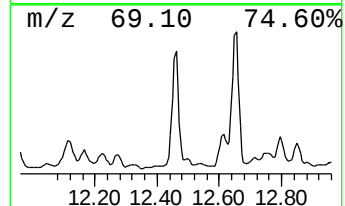
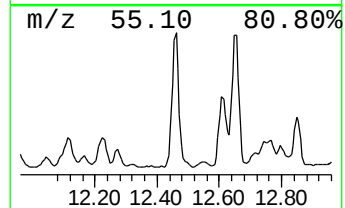
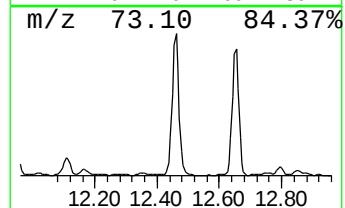
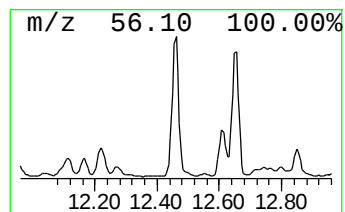
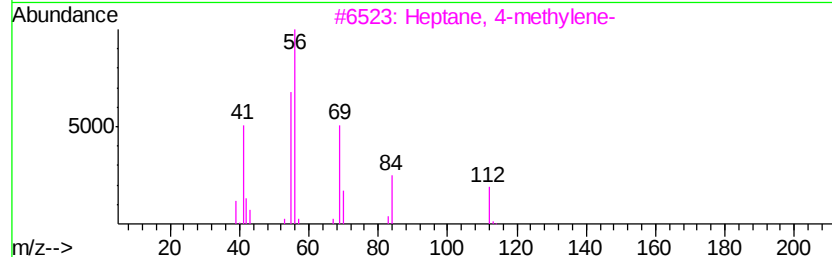
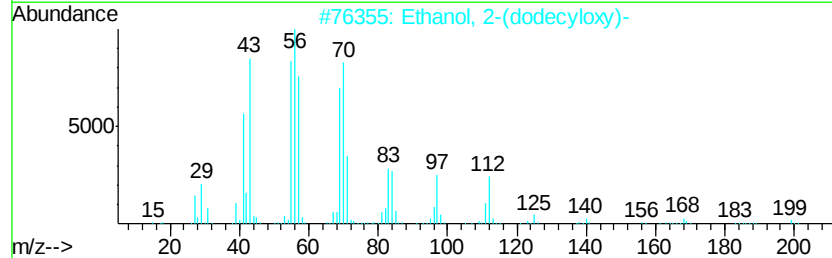
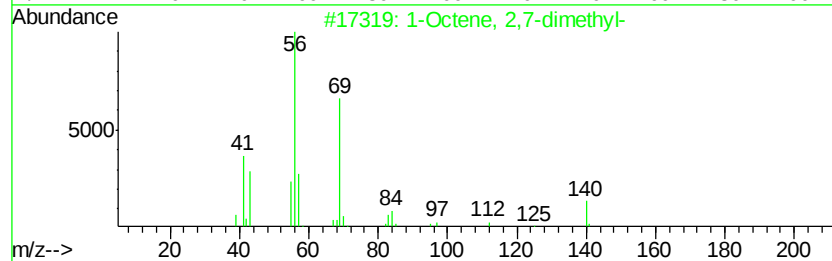
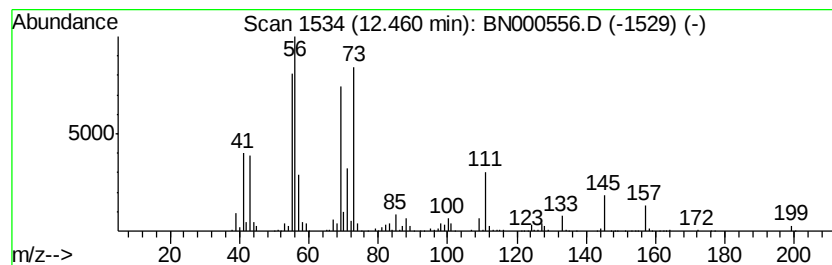
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	23.35 ng/ul	2754890	Napthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5 47
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5 45
3	Heptane, 4-methylene-	112	C8H16	015918-08-8 40
4	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9 40
5	Cyclohexane, 1-ethyl-1,4-dimethyl-	140	C10H20	062238-32-8 35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
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Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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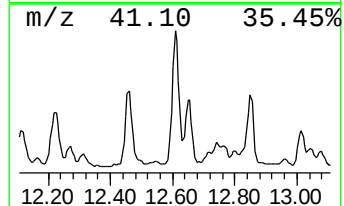
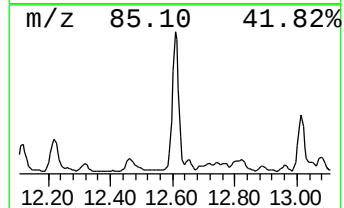
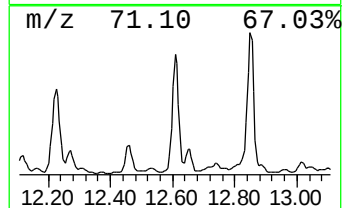
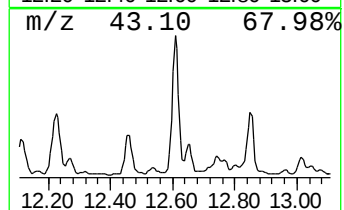
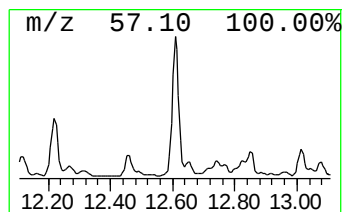
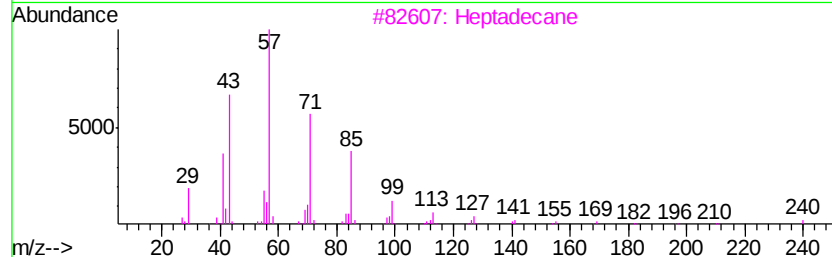
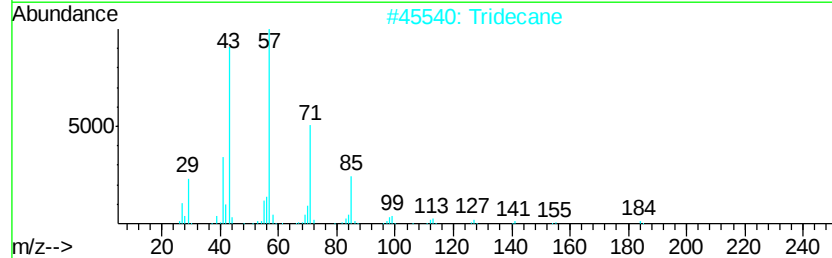
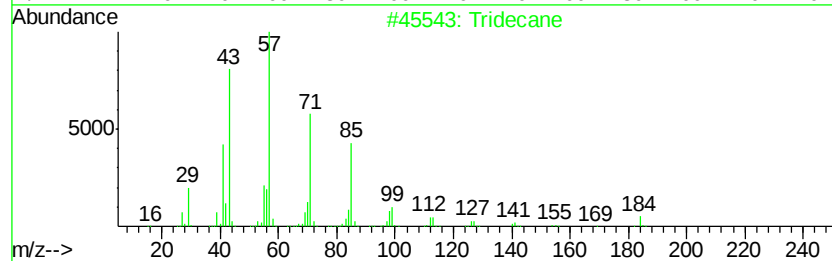
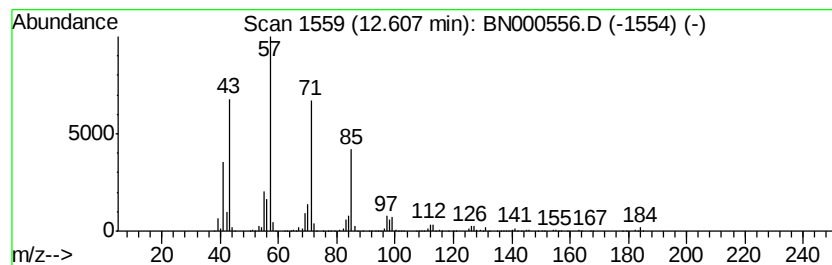
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	30.91 ng/ul	3646510	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Tridecane	184	C13H28	000629-50-5	81
3		Heptadecane	240	C17H36	000629-78-7	78
4		Tridecane	184	C13H28	000629-50-5	76
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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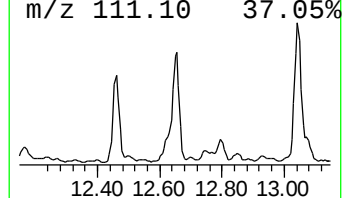
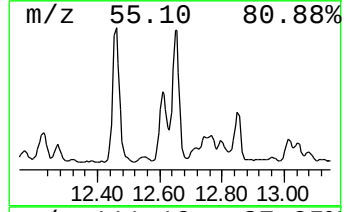
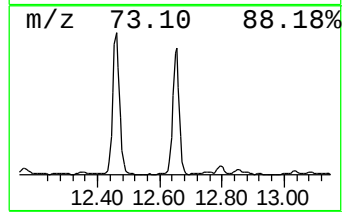
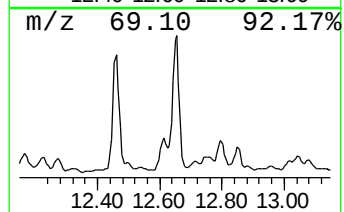
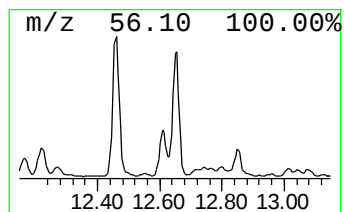
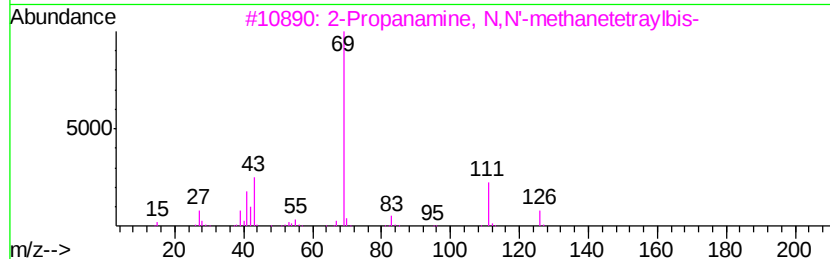
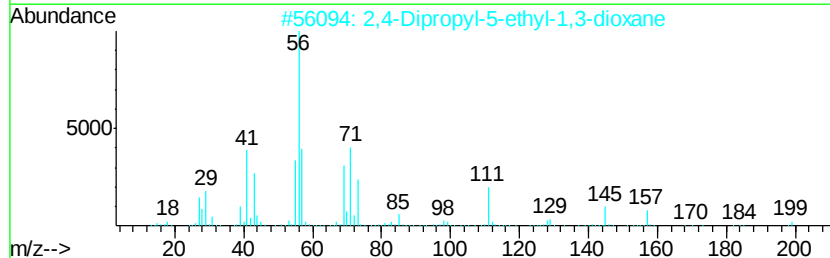
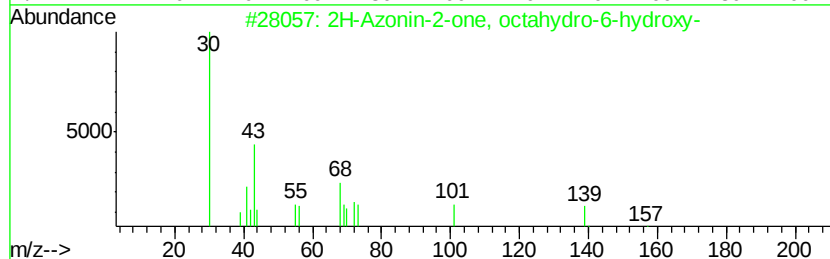
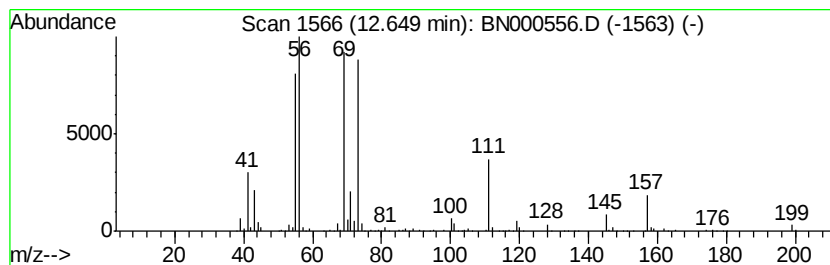
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	18.18 ng/ul	2144680	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Azonin-2-one, octahydro-6-hydroxy-	157	C8H15NO2	023435-07-6	38
2		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	23
3		2-Propanamine, N,N'-methanetetraylbis-	126	C7H14N2	000693-13-0	12
4		Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	10
5		Cyclopentane, bromo-	148	C5H9Br	000137-43-9	9



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Acq On : 23 Mar 2018 00:28
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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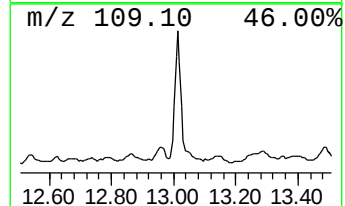
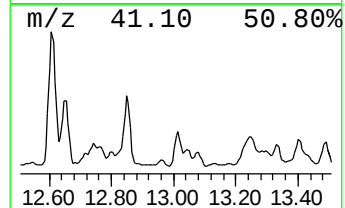
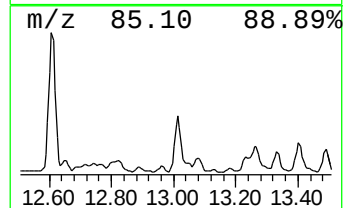
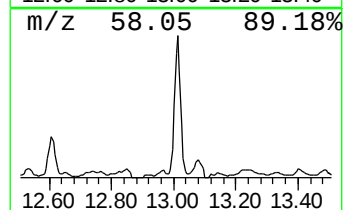
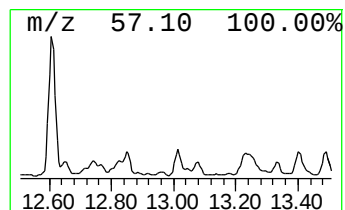
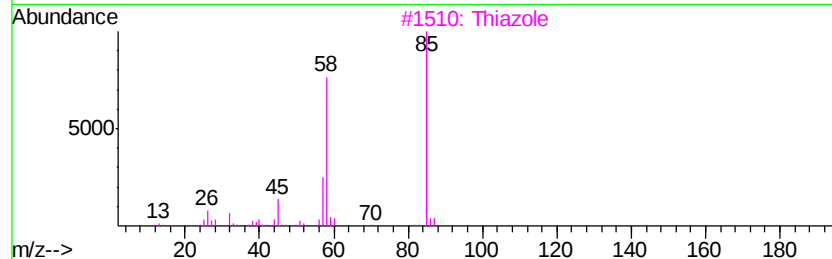
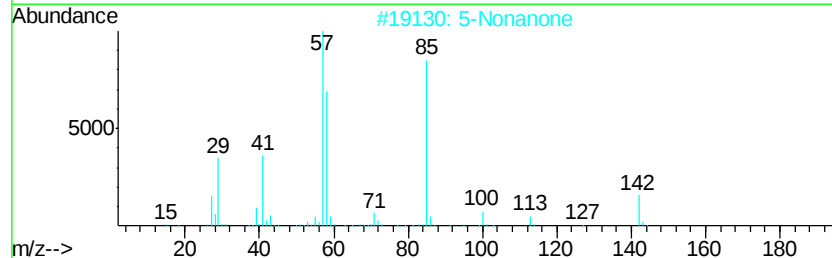
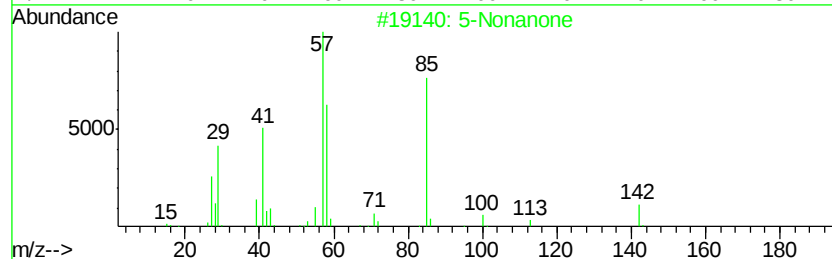
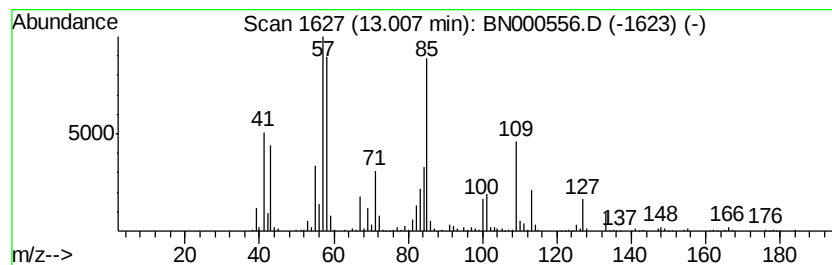
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 unknown-05 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	9.78 ng/ul	1153810	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone			142	C9H18O	000502-56-7	43
2	5-Nonanone			142	C9H18O	000502-56-7	43
3	Thiazole			85	C3H3NS	000288-47-1	38
4	5-Undecanone			170	C11H22O	033083-83-9	38
5	4-Nonanone, 2,6,8-trimethyl-			184	C12H24O	000123-18-2	35



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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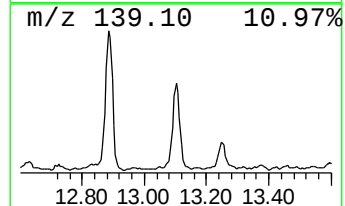
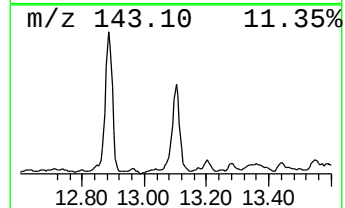
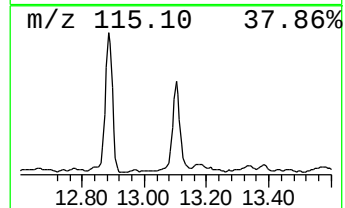
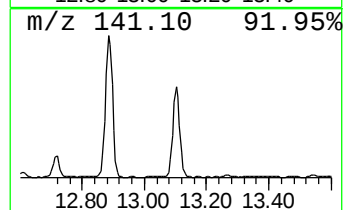
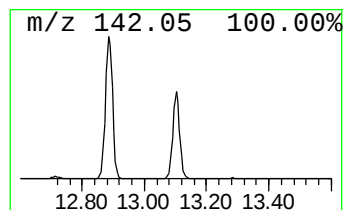
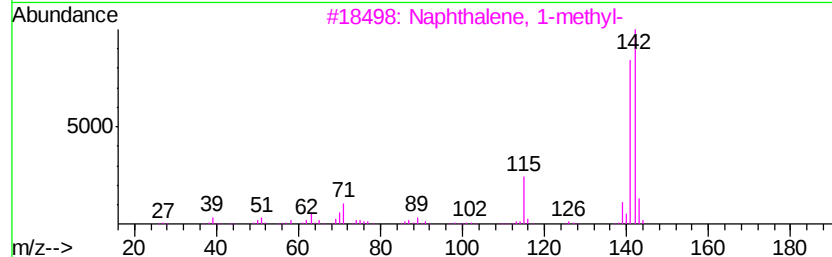
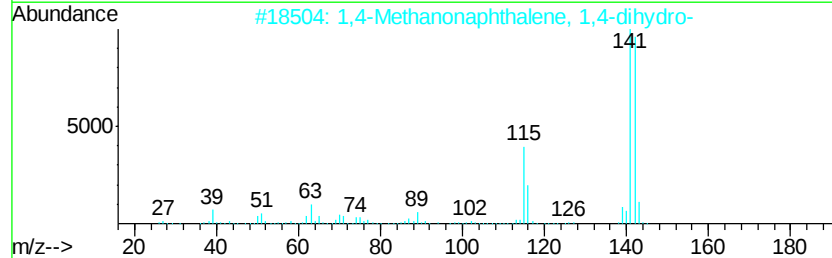
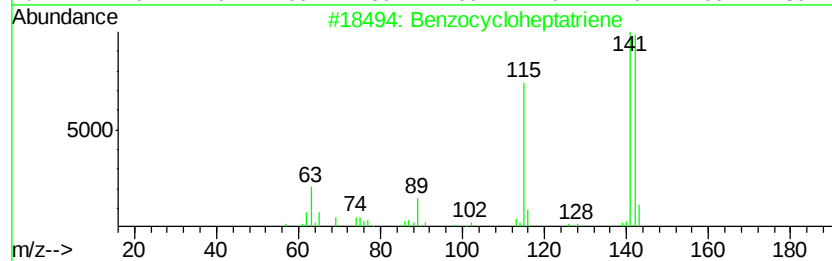
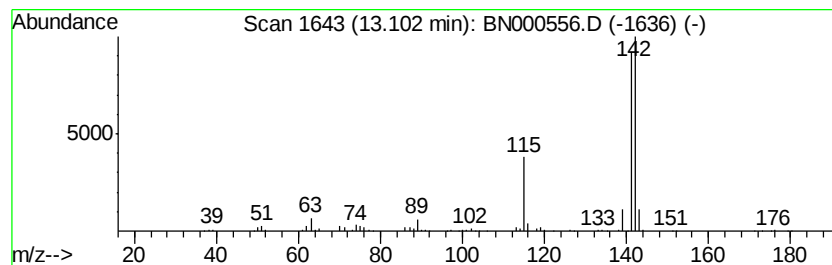
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Benzocycloheptatriene Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	9.00 ng/ul	1061270	Naphthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzocycloheptatriene	142	C11H10	000264-09-5	91
2			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
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Misc :
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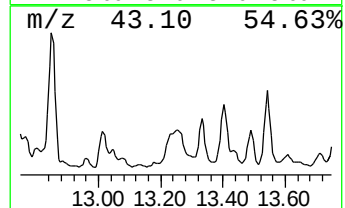
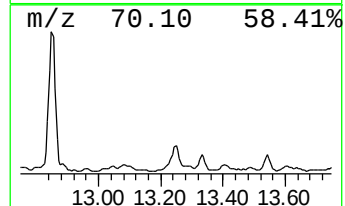
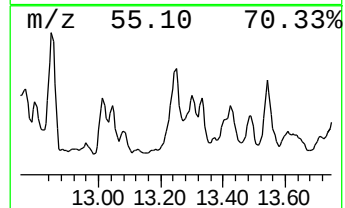
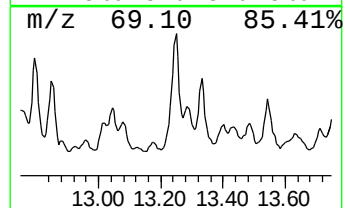
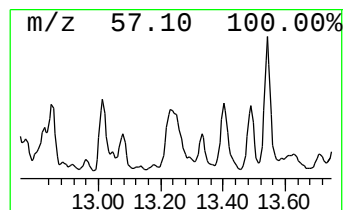
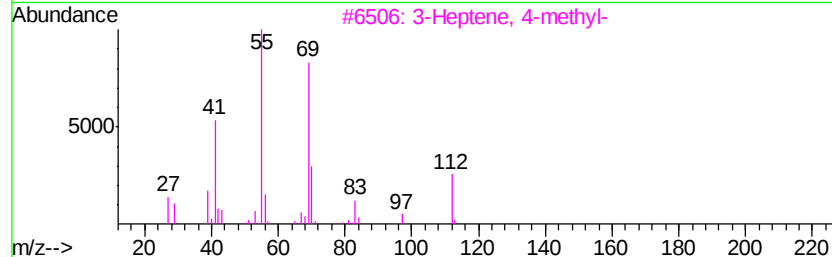
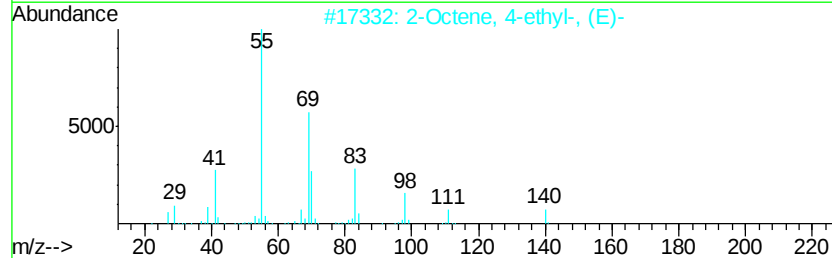
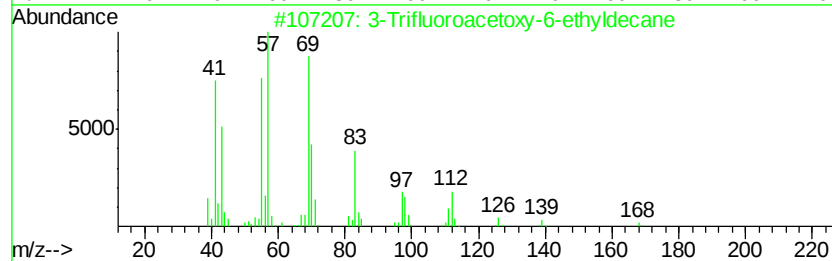
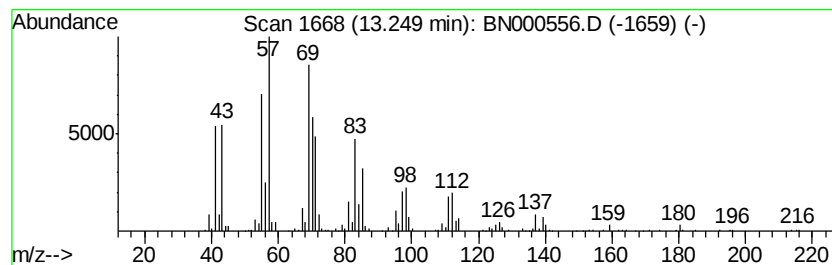
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 3-Trifluoroacetoxy-6-ethylde... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	8.39 ng/ul	1544080	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Trifluoroacetoxv-6-ethyldecane	282	C14H25F3O2	116436-59-0	64
2			2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	49
3			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38
4			Heptane, 4-methylene-	112	C8H16	015918-08-8	38
5			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
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Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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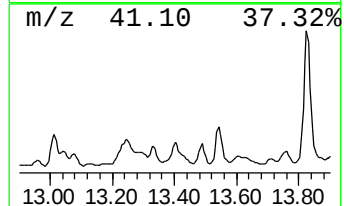
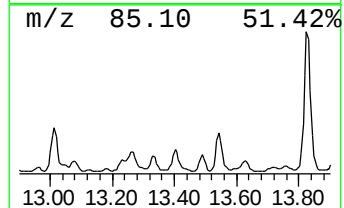
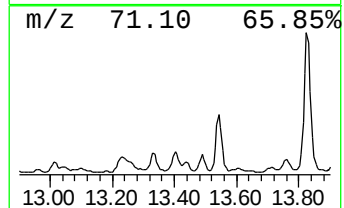
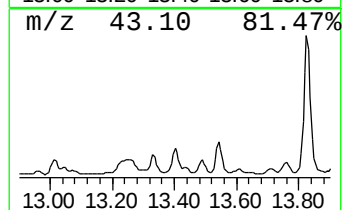
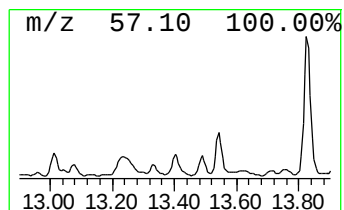
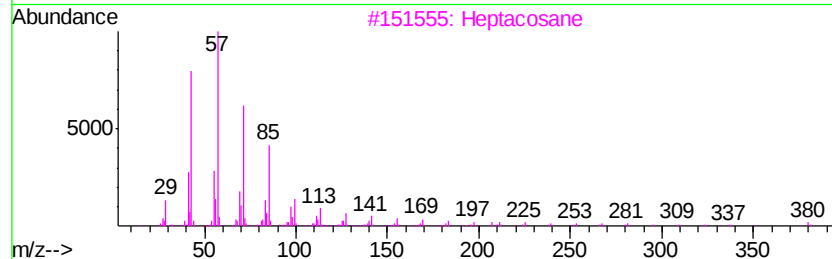
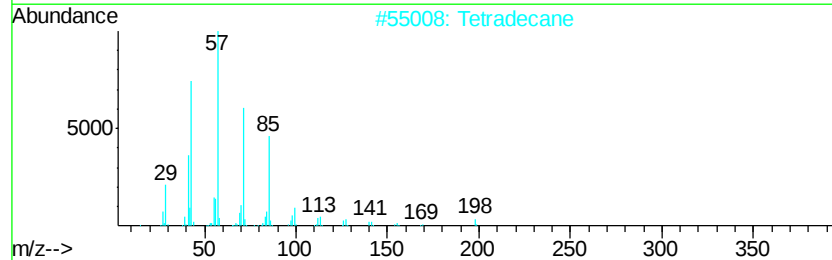
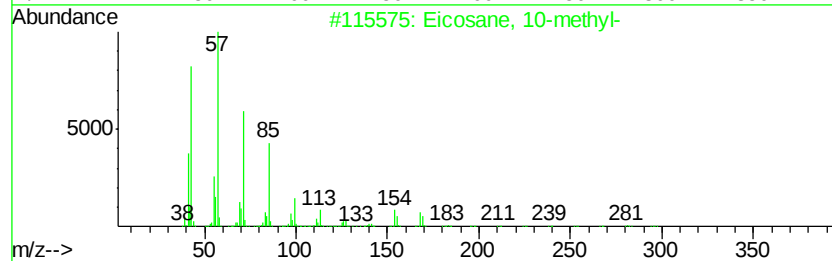
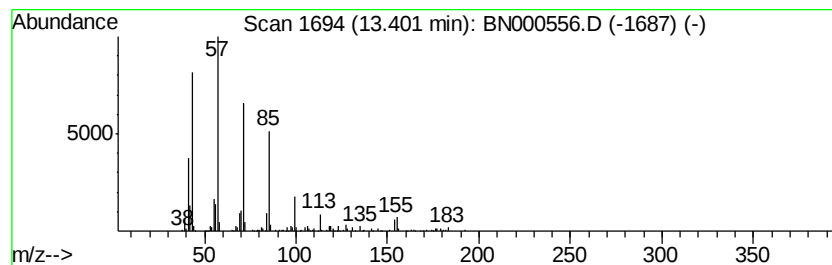
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	6.11 ng/ul	1124410	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
2			Tetradecane	198	C14H30	000629-59-4	78
3			Heptacosane	380	C27H56	000593-49-7	78
4			Decane, 3-methyl-	156	C11H24	013151-34-3	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	59



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

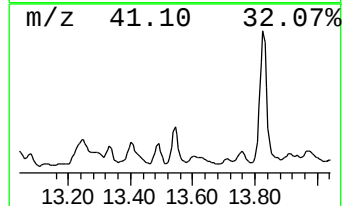
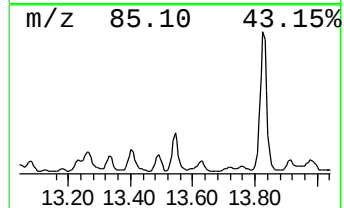
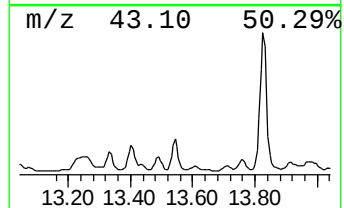
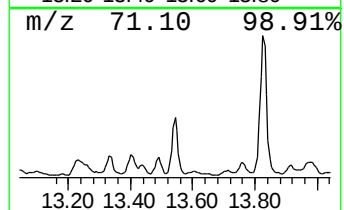
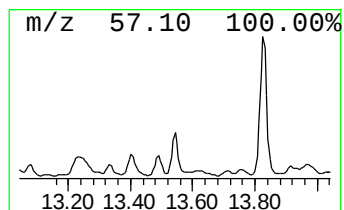
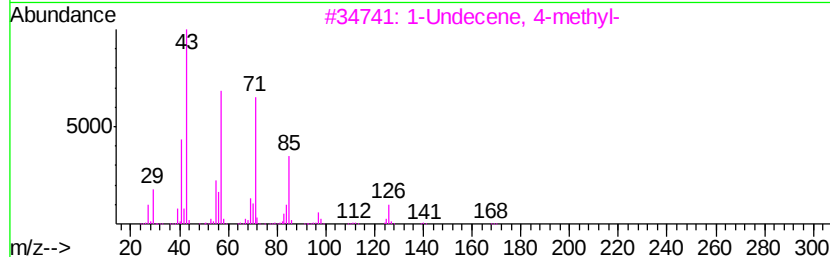
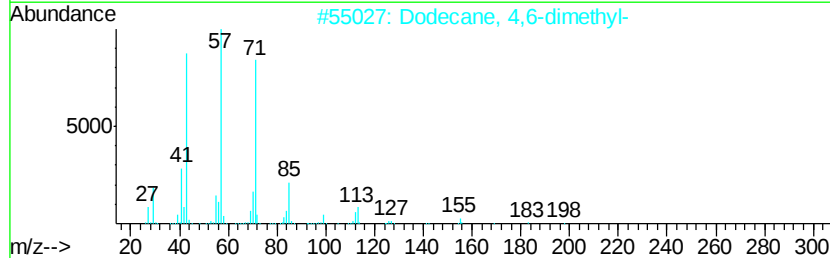
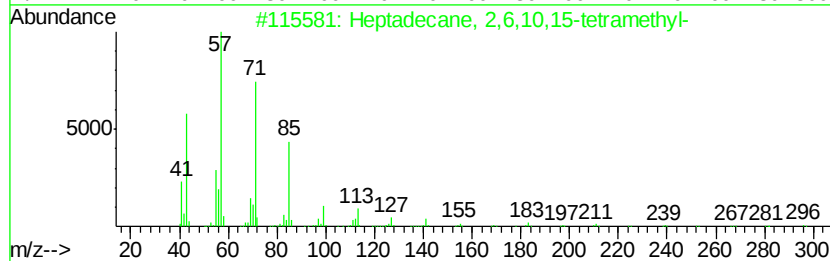
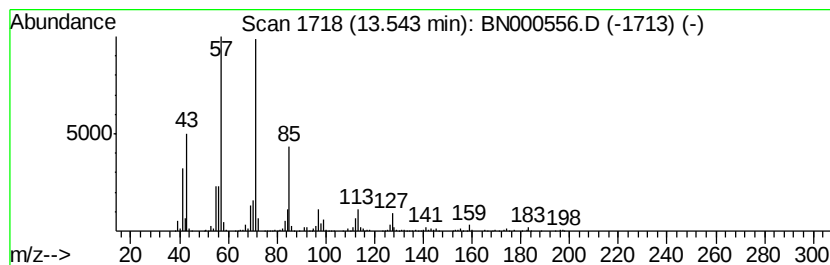
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	7.72 ng/ul	1421530	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	86
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
3		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
4		Hydroxylamine, 0-decyl-	173	C10H23NO	029812-79-1	58
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

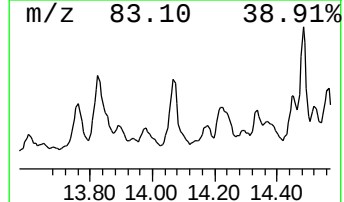
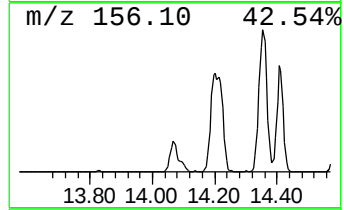
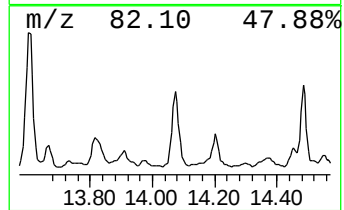
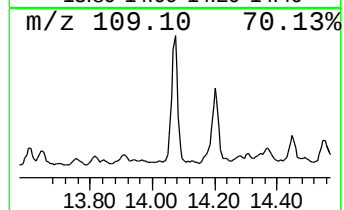
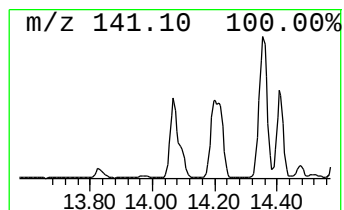
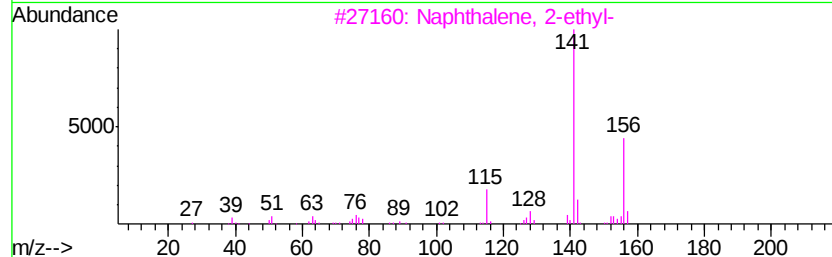
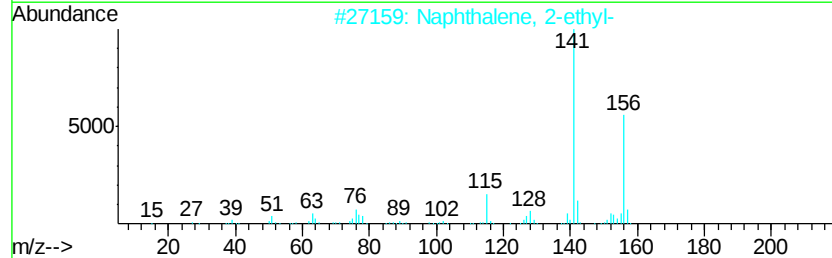
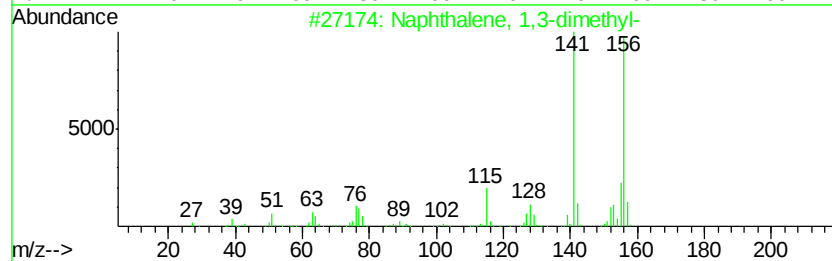
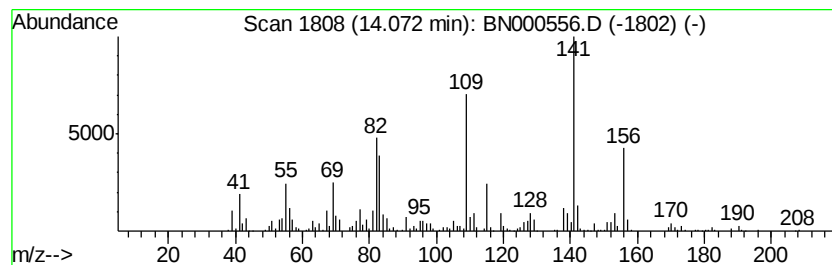
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Naphthalene, 1,3-dimethyl- Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	5.83 ng/ul	1072800	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	60
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

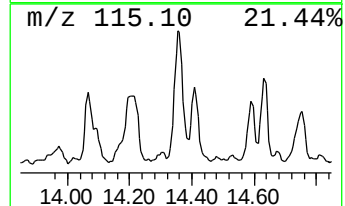
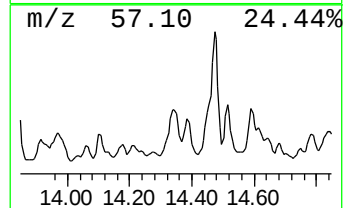
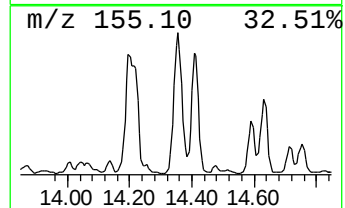
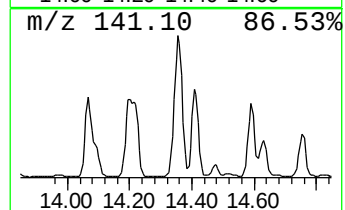
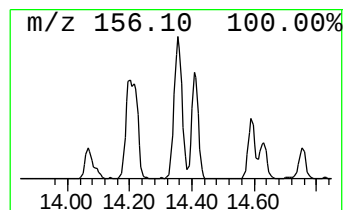
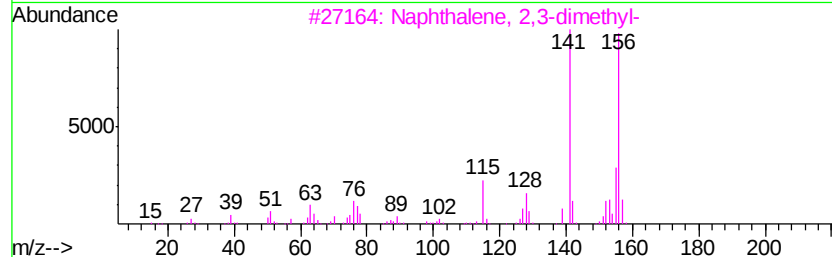
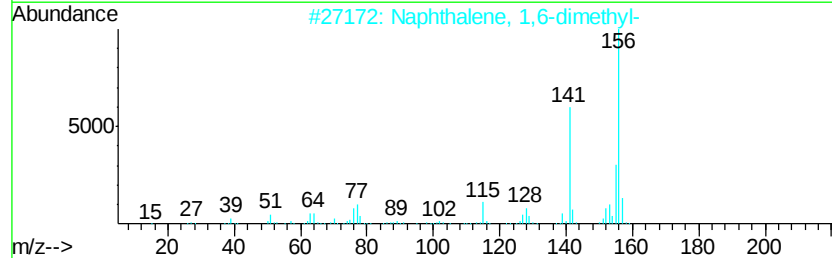
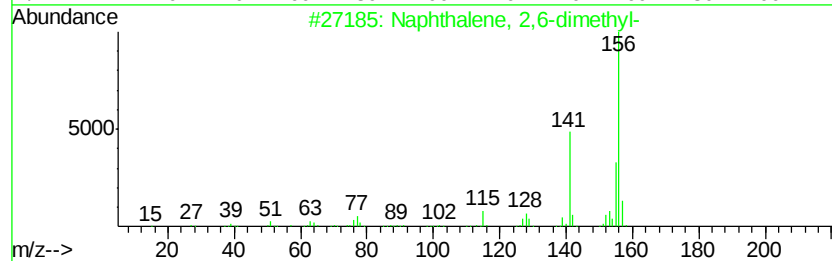
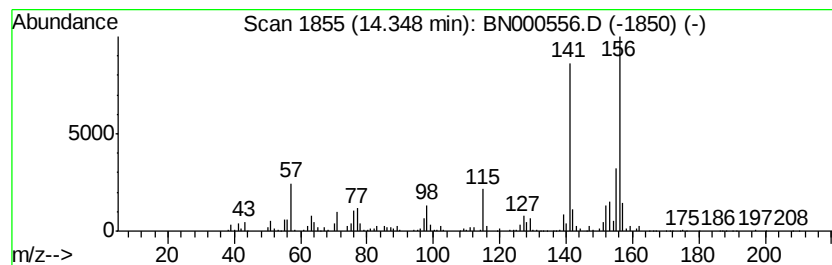
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Naphthalene, 2,6-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	10.78 ng/ul	1984250	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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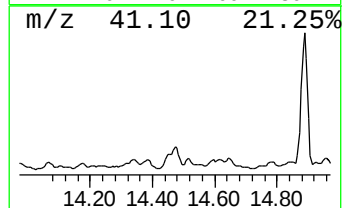
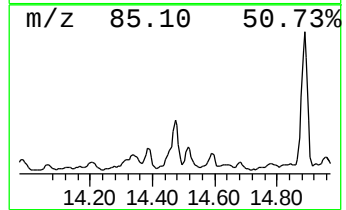
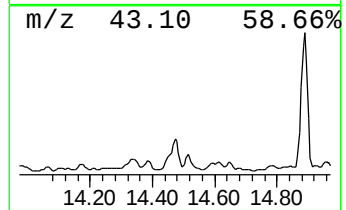
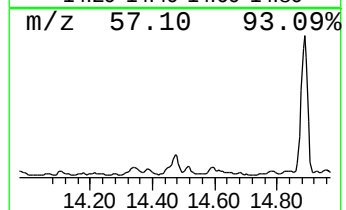
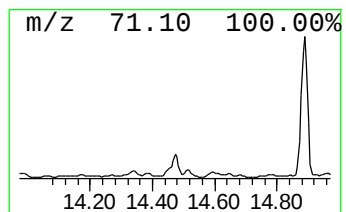
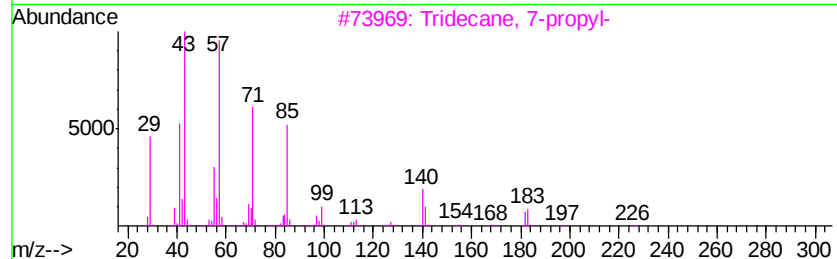
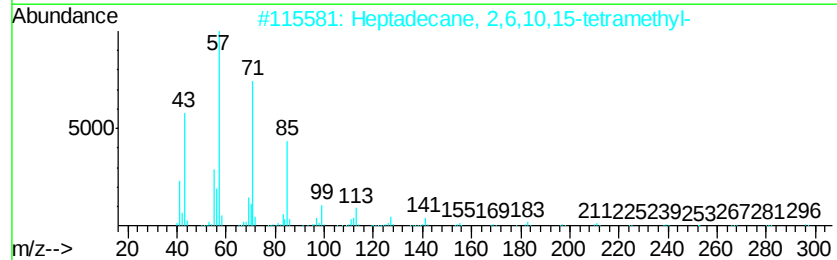
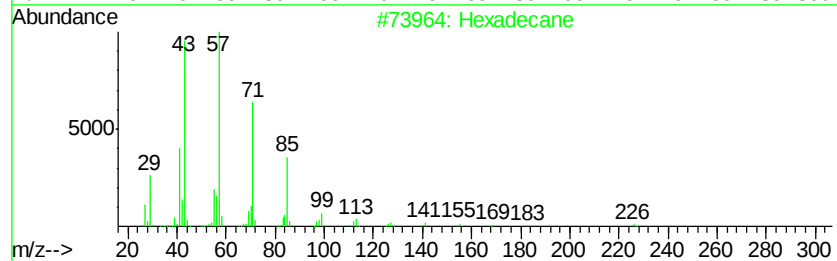
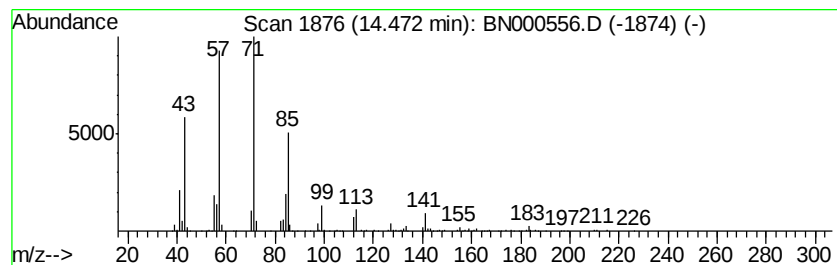
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	7.05 ng/ul	1296410	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	53
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	49
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	47



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
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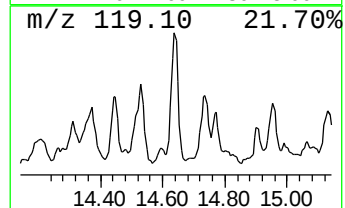
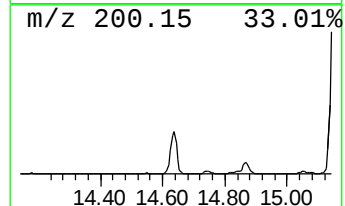
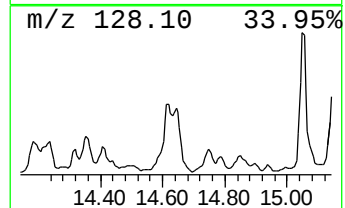
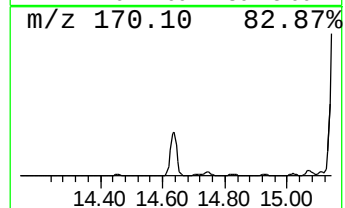
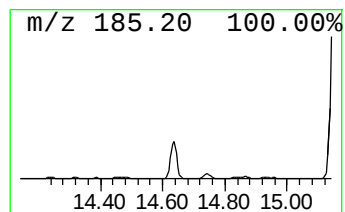
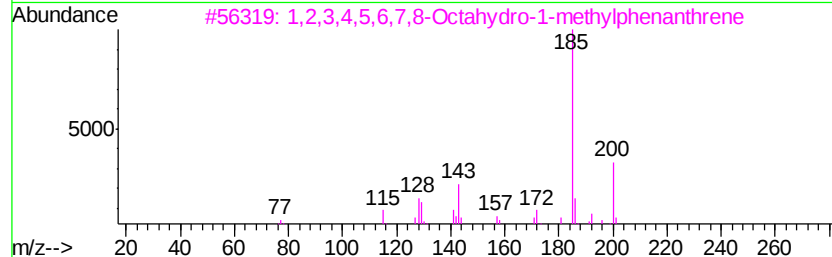
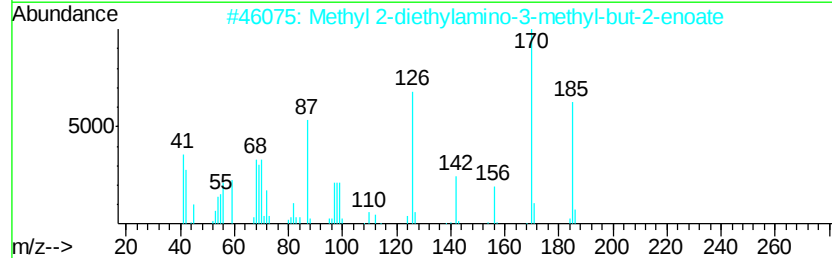
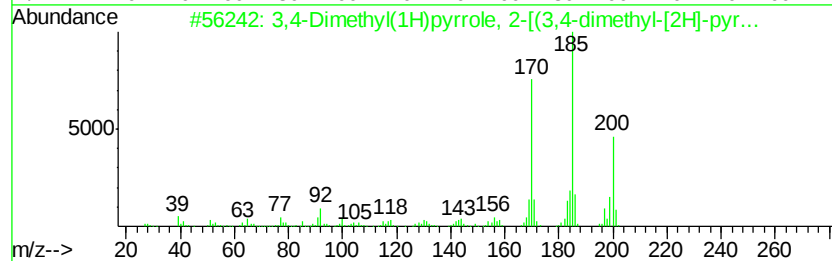
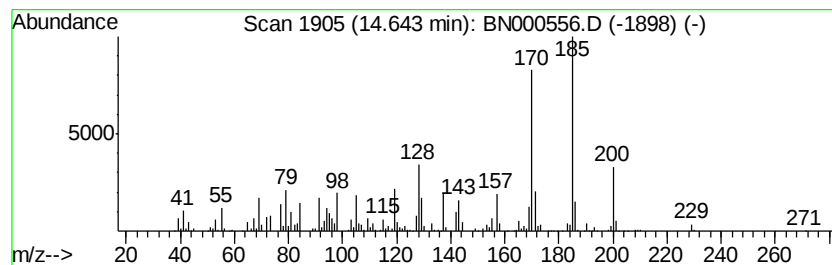
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	13.79 ng/ul	2538390	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	68
2		Methyl 2-diethylamino-3-methyl-b...	185	C10H19N02	075122-81-5	52
3		1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50
4		Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	46
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	43



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

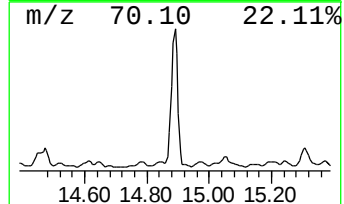
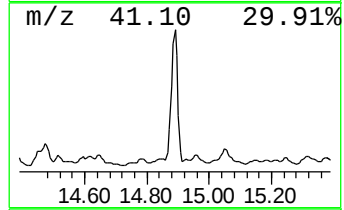
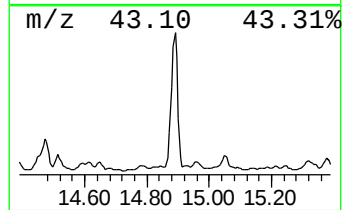
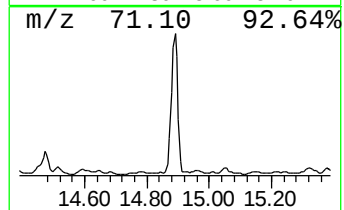
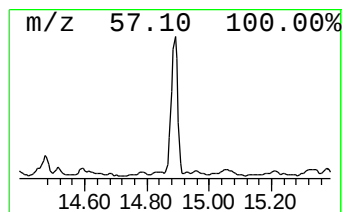
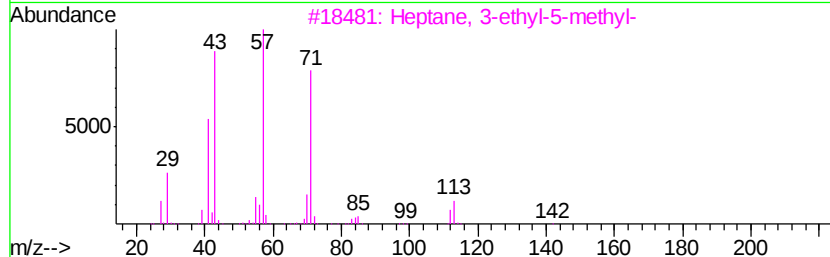
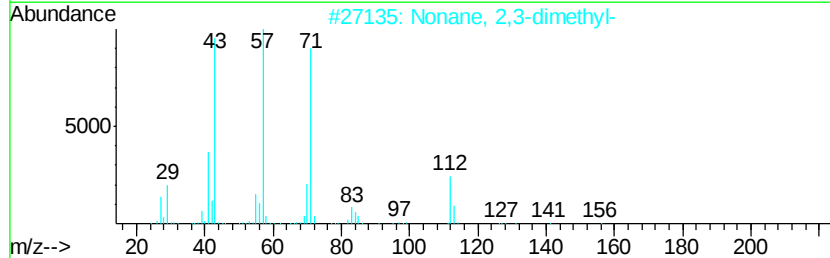
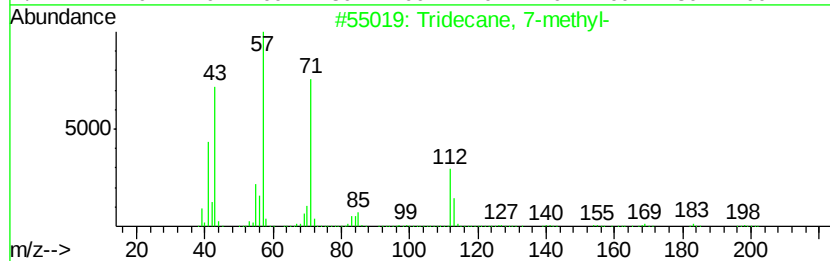
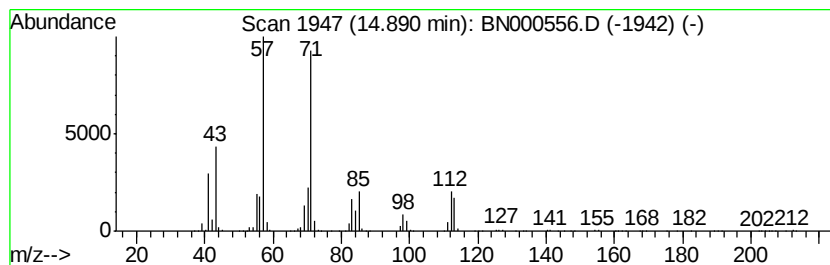
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	47.13 ng/ul	8672450	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	64
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

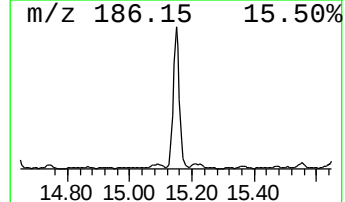
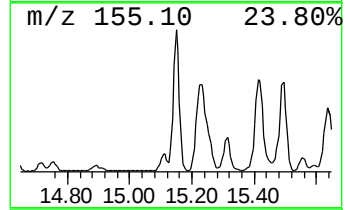
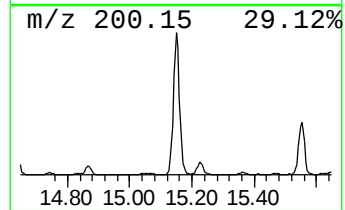
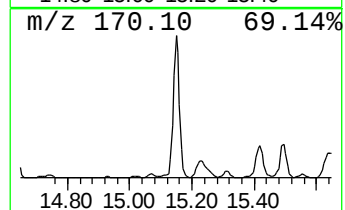
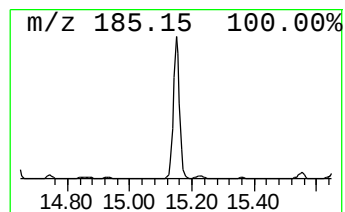
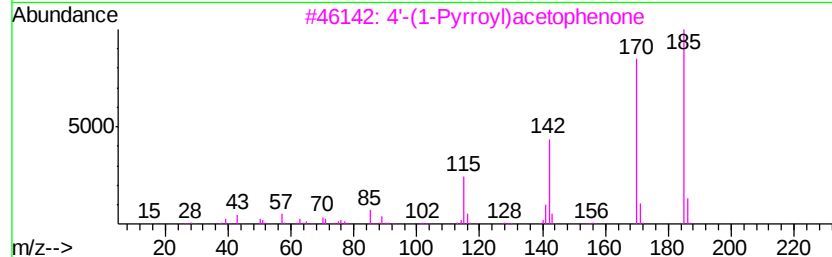
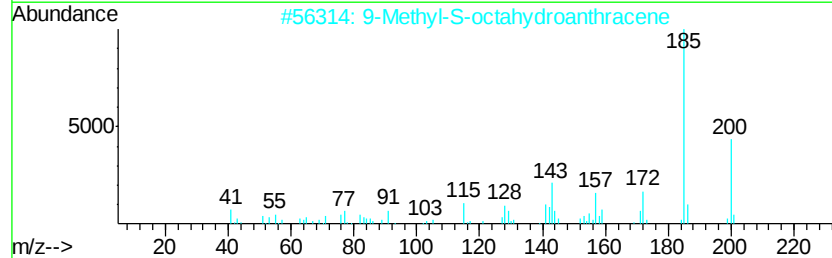
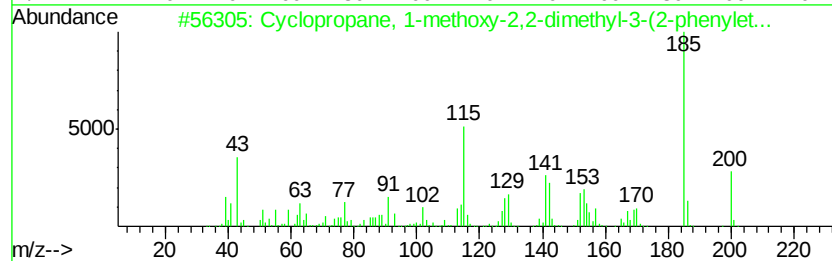
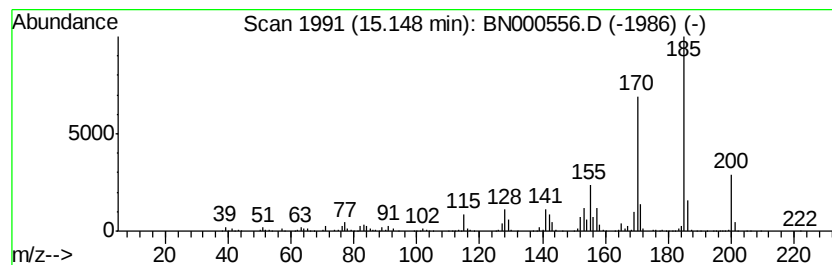
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 Cyclopropane, 1-methoxy-2,2... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	22.66 ng/ul	4169150	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	64
2		9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	60
3		4'-(1-Pyrrovl)acetophenone	185	C12H11NO	022106-37-2	58
4		1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	55
5		1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	55



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

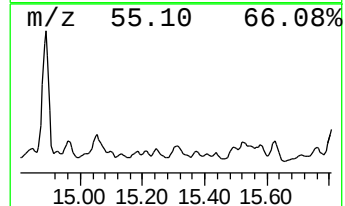
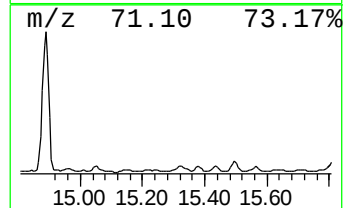
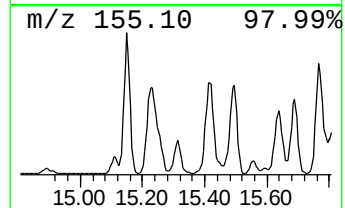
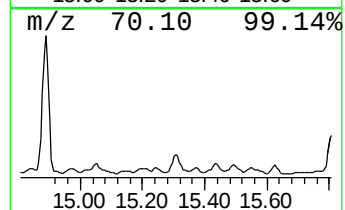
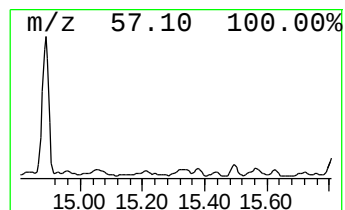
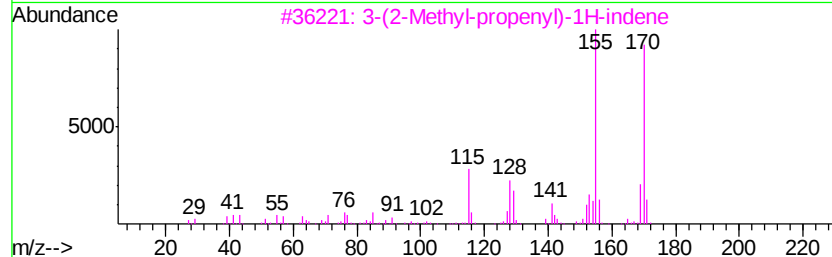
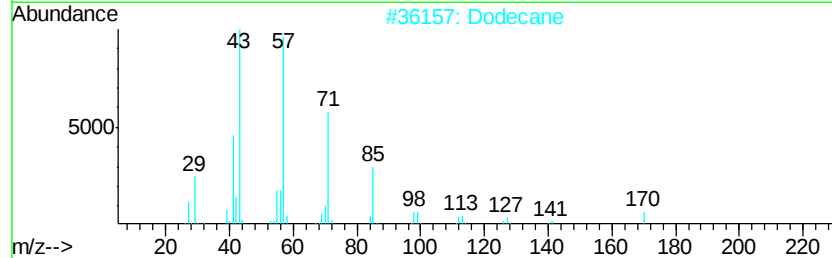
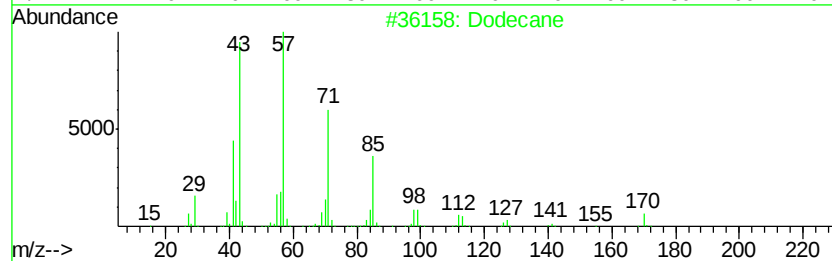
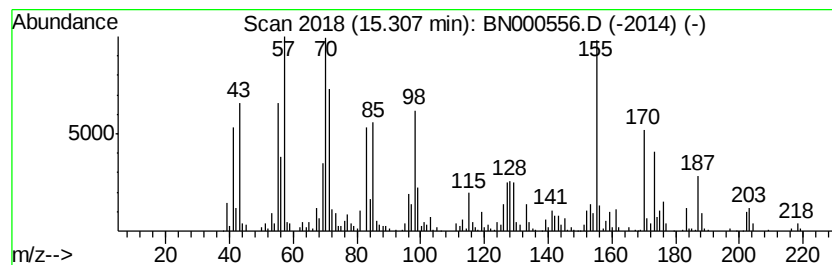
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	7.31 ng/ul	1345870	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	55
2		Dodecane	170	C12H26	000112-40-3	50
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38
5		1'-Acetonaphthone	170	C12H10O	000941-98-0	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

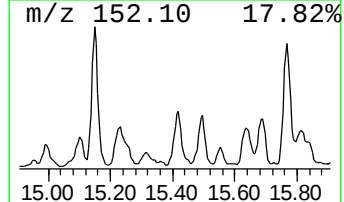
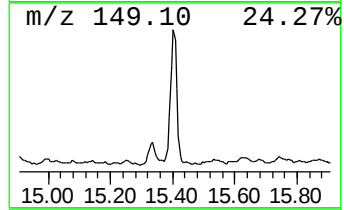
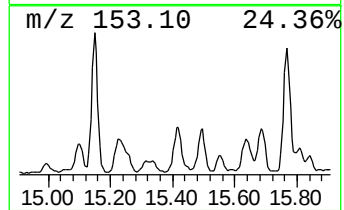
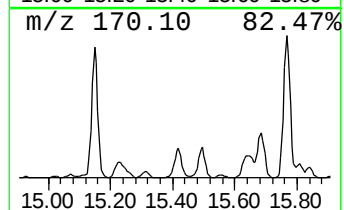
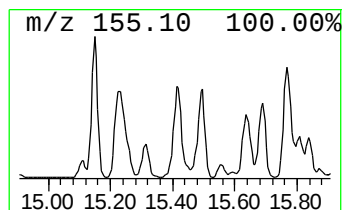
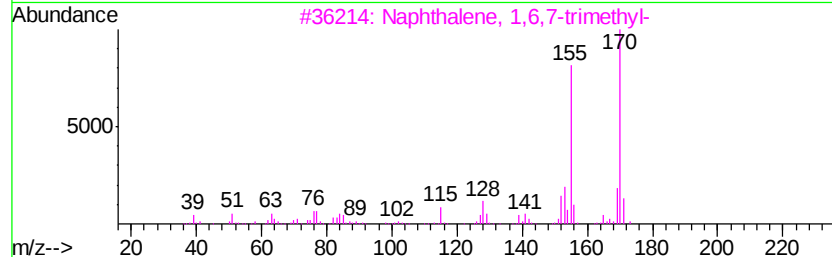
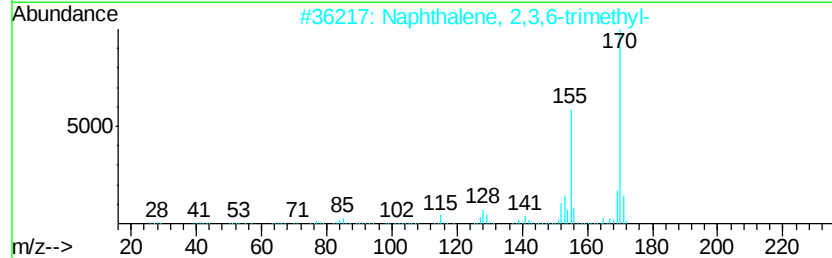
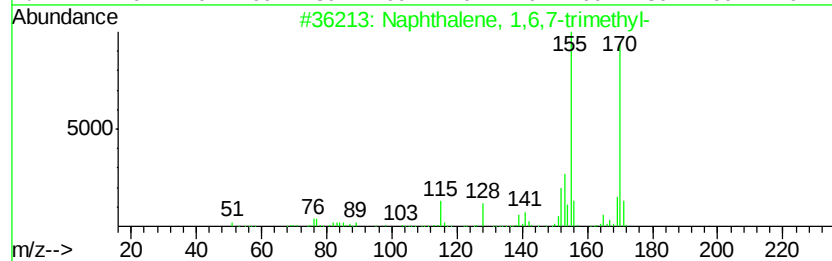
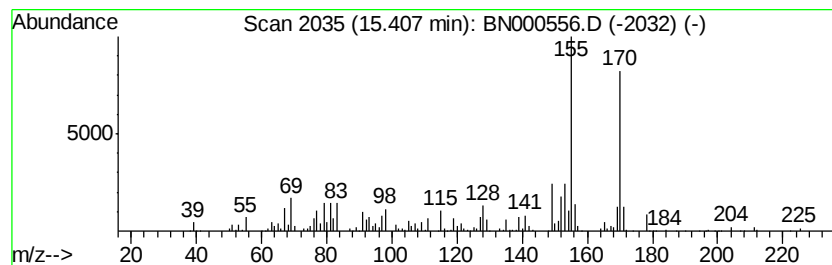
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 Naphthalene, 1,6,7-trimethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	8.71 ng/ul	1603160	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

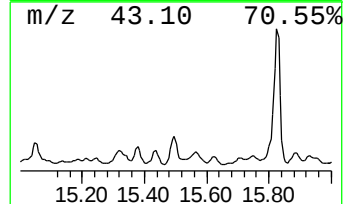
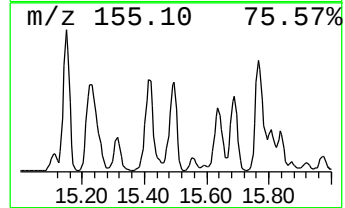
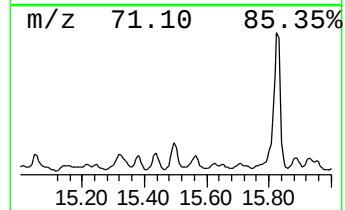
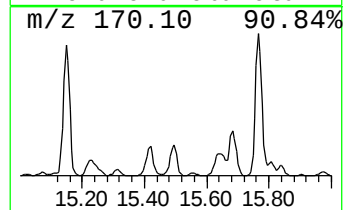
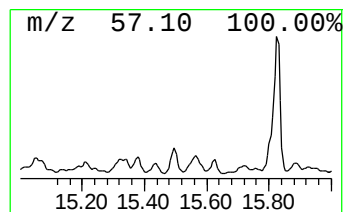
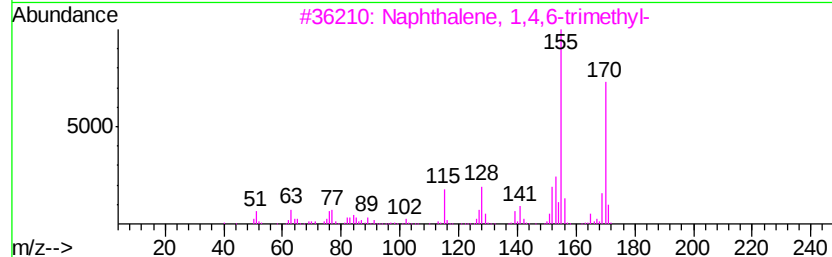
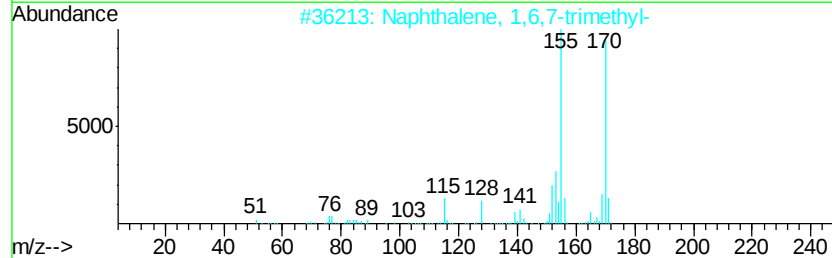
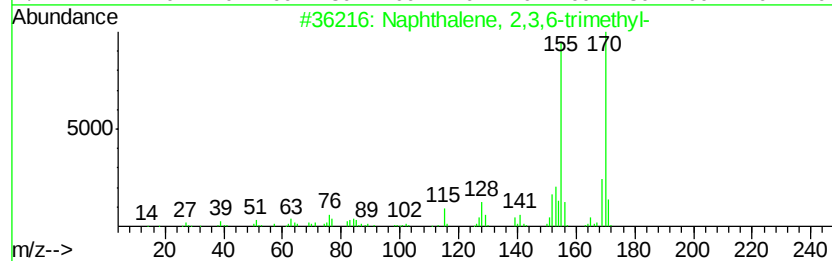
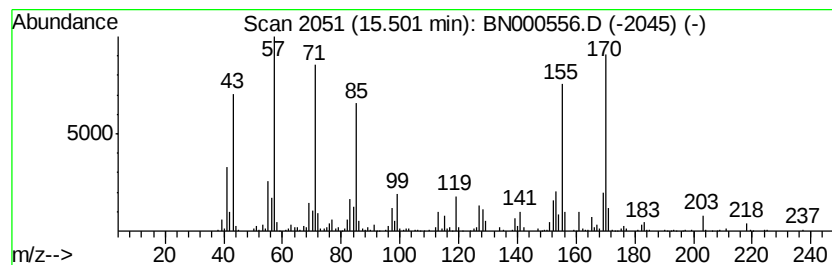
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 Naphthalene, 2,3,6-trimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	9.00 ng/ul	1655680	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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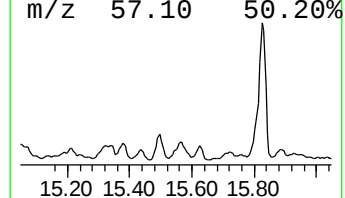
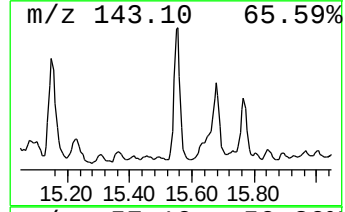
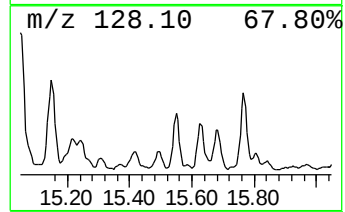
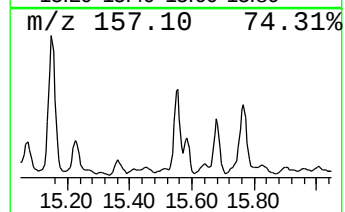
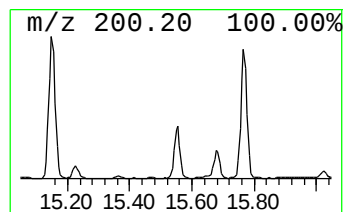
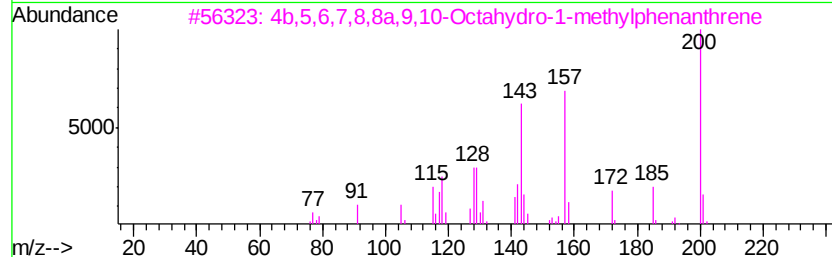
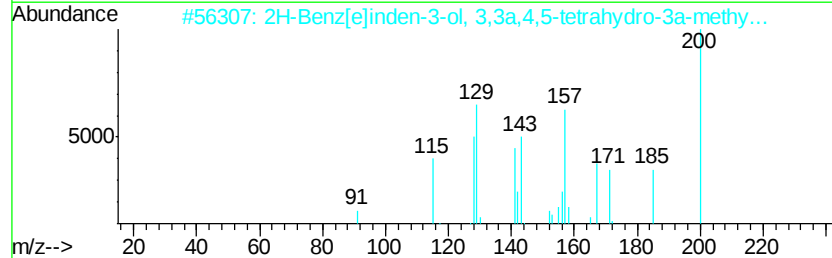
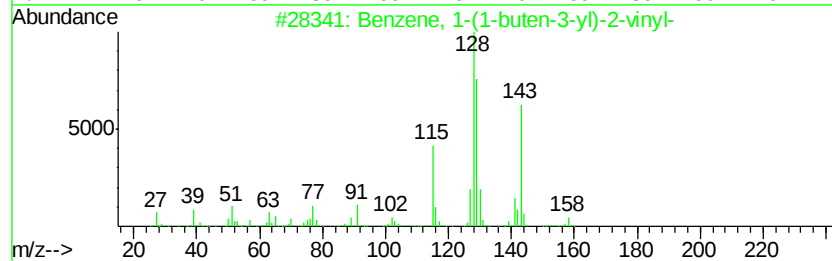
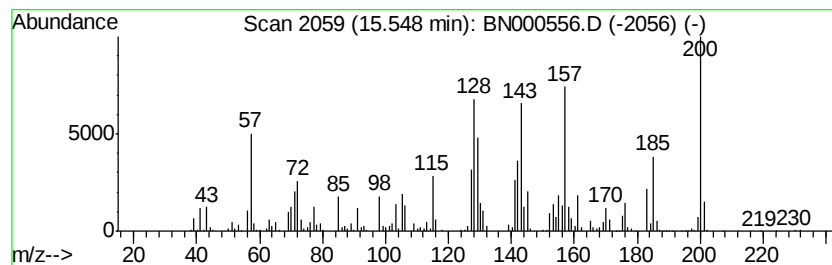
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 Benzene, 1-(1-buten-3-yl)-2... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	10.41 ng/ul	1914800	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-buten-3-yl)-2-vinyl-	158	C12H14	1000162-74-4	66
2		2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	58
3		4b,5,6,7,8,8a,9,10-Octahydro-1-m...	200	C15H20	1000080-19-3	58
4		1H-Indene-1,3(2H)-dione, 2-(2-me...	200	C13H12O2	022123-54-2	38
5		Isolongifolene, 4,5,9,10-dehydro-	200	C15H20	156747-45-4	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

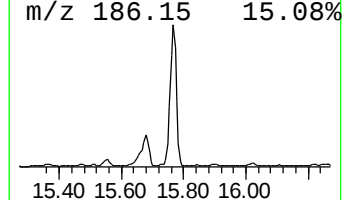
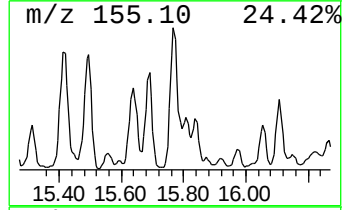
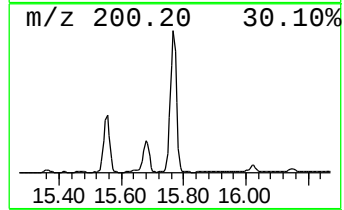
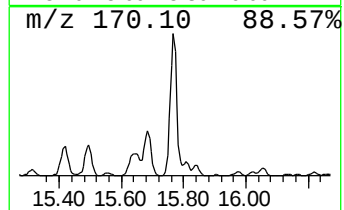
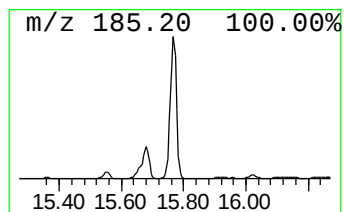
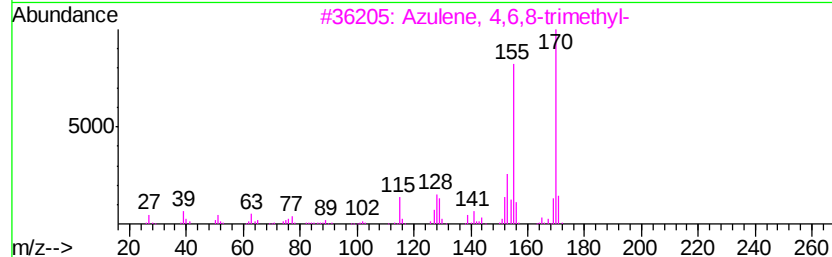
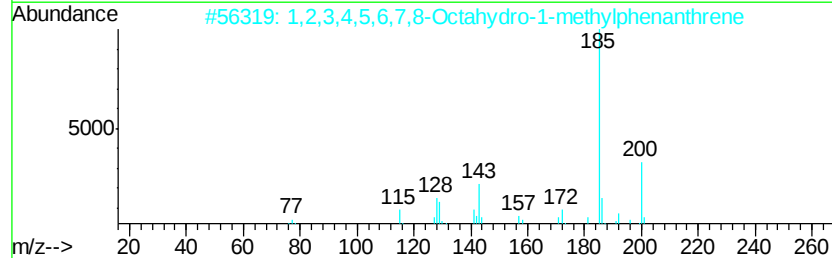
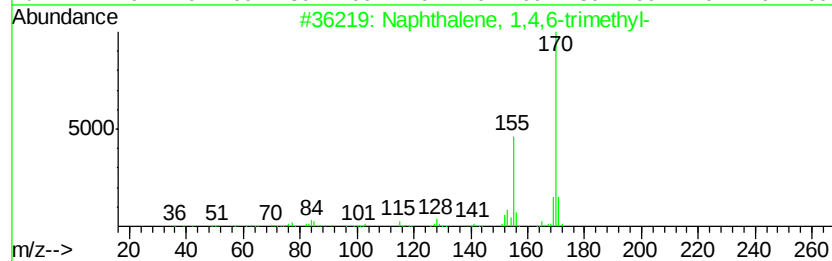
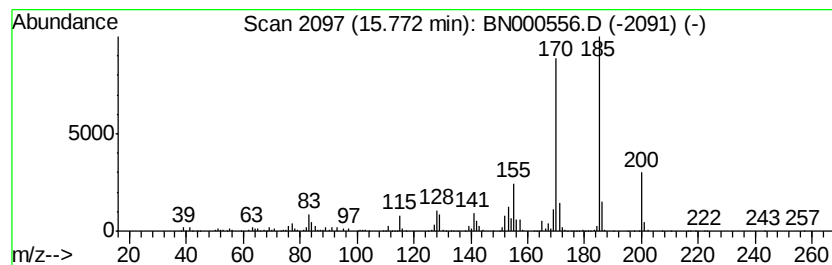
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 Naphthalene, 1,4,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	21.79 ng/ul	4009360	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
2		1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	45



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
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Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

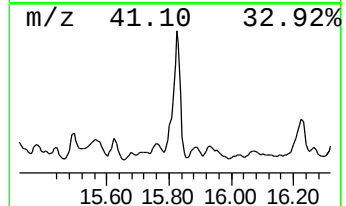
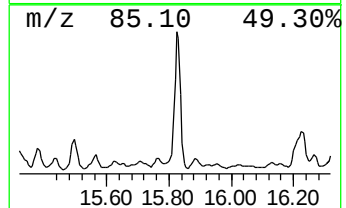
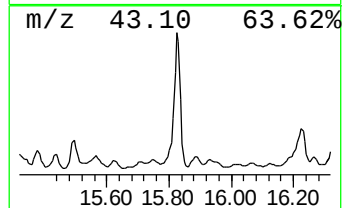
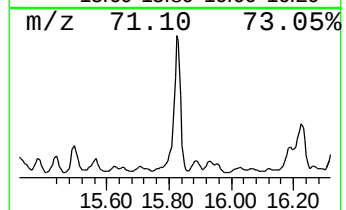
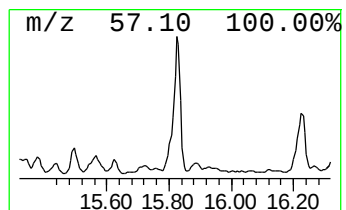
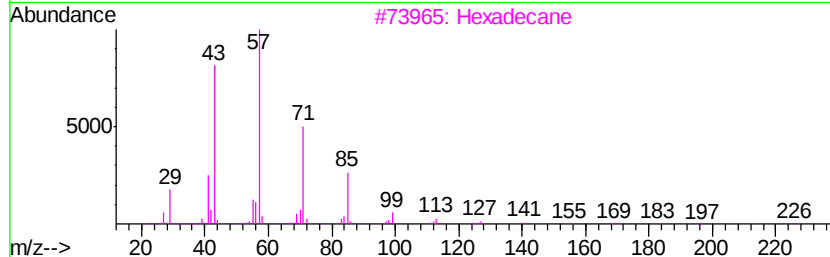
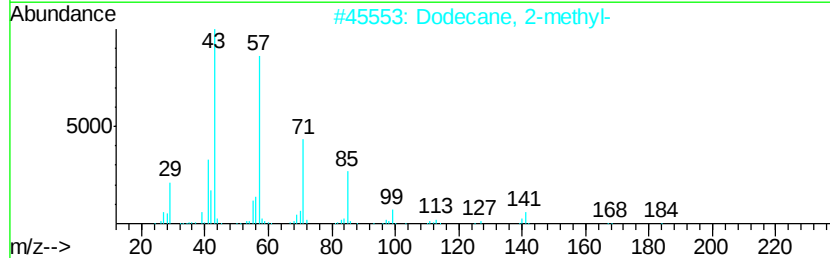
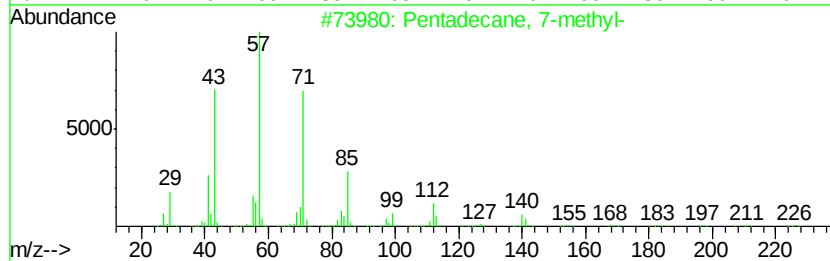
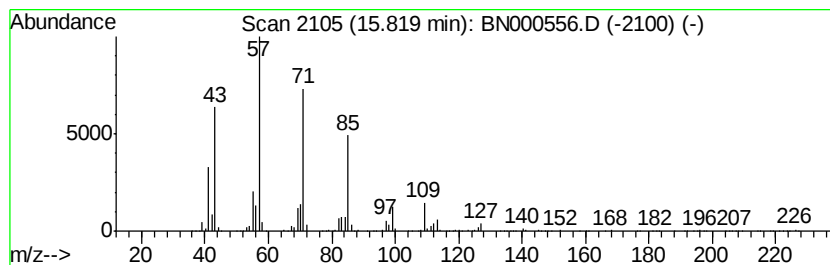
Instrument :
BNA_N
ClientSampleId :
DAM41DL

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 57 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	29.04 ng/ul	5343460	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 91
2		Dodecane, 2-methyl-	184 C13H28	001560-97-0 86
3		Hexadecane	226 C16H34	000544-76-3 72
4		Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9 53
5		1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9 53



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

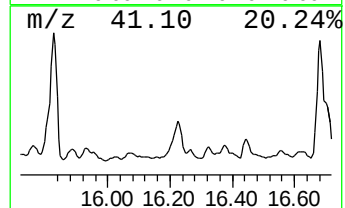
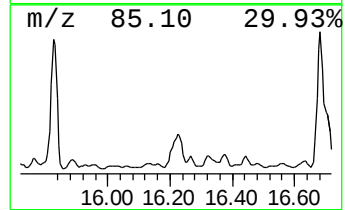
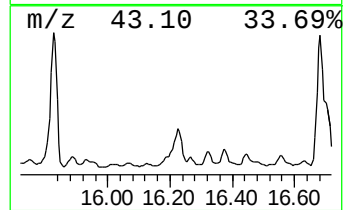
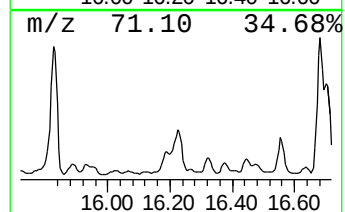
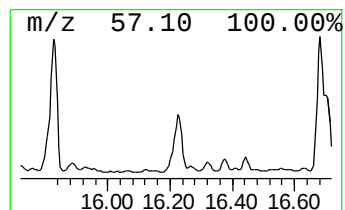
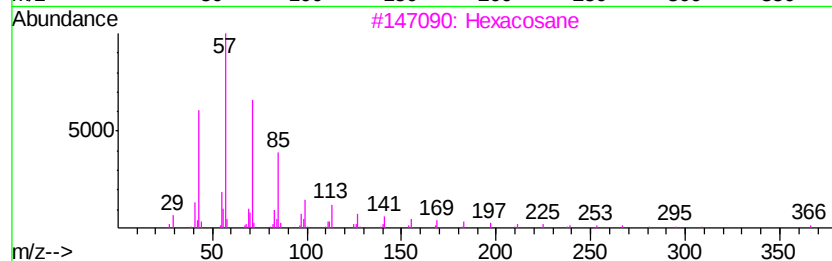
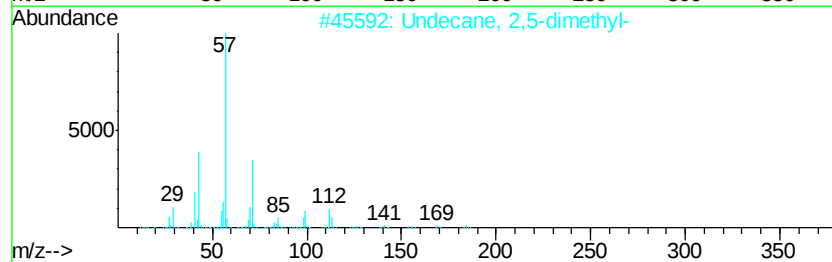
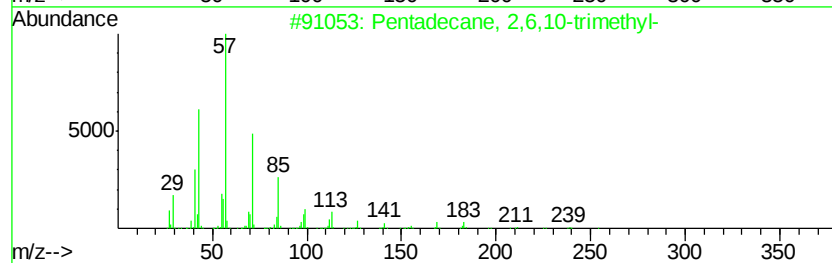
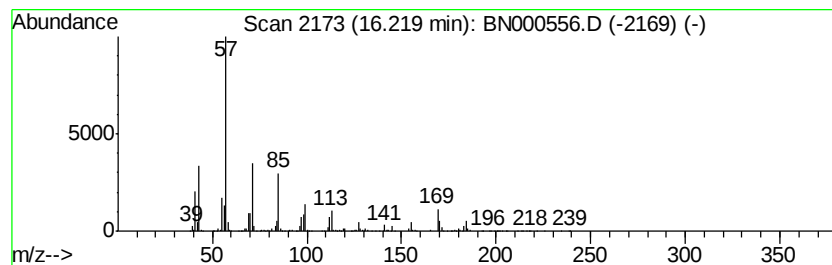
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	8.06 ng/ul	1482430	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
3			Hexacosane	366	C26H54	000630-01-3	58
4			Hentriacontane	437	C31H64	000630-04-6	52
5			Octadecane	254	C18H38	000593-45-3	50



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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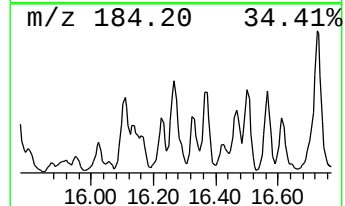
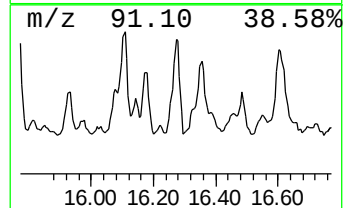
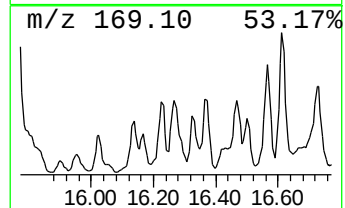
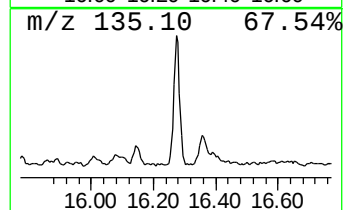
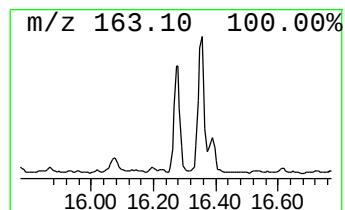
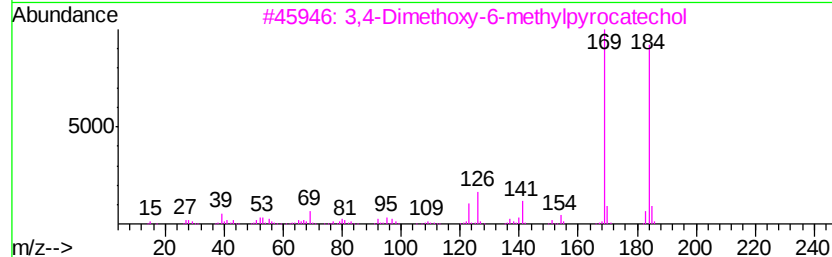
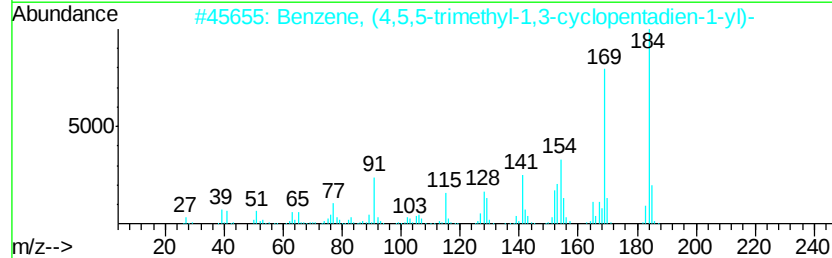
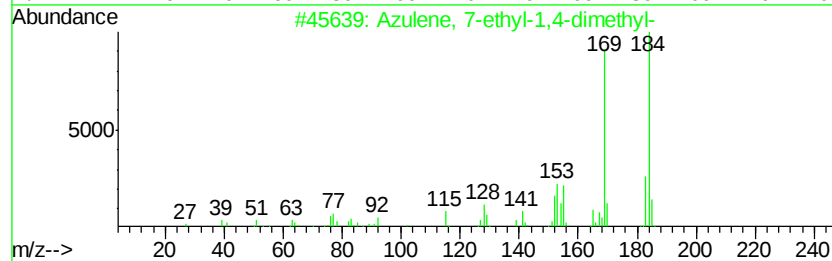
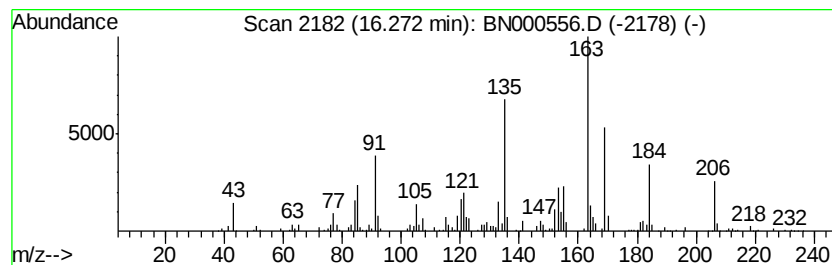
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Quant Title : SVOA CALIBRATION

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

Peak Number 59 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	4.46 ng/ul	820354	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	50
2			Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	46
3			3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	42
4			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	42
5			3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	41



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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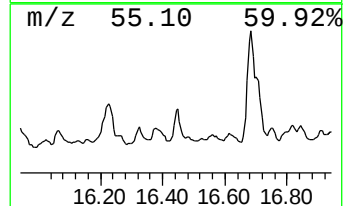
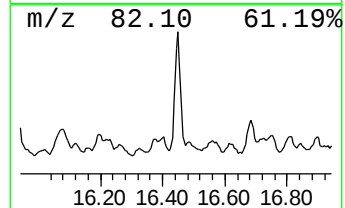
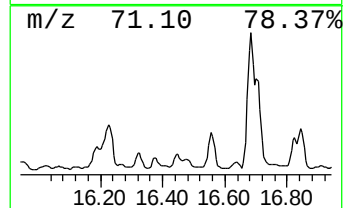
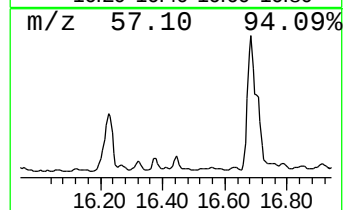
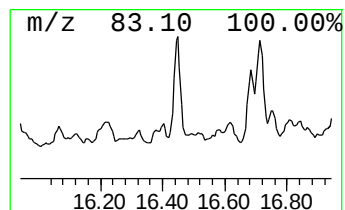
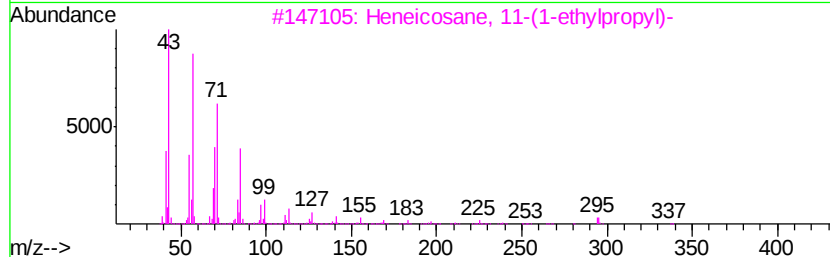
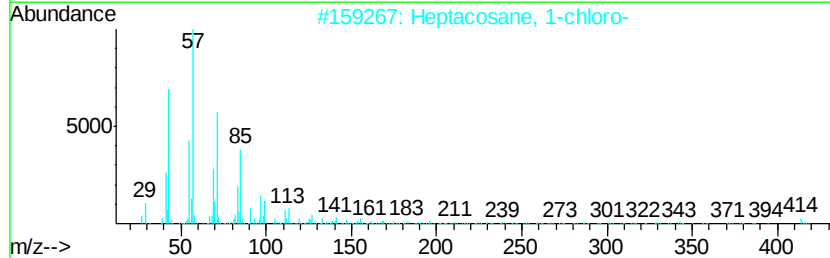
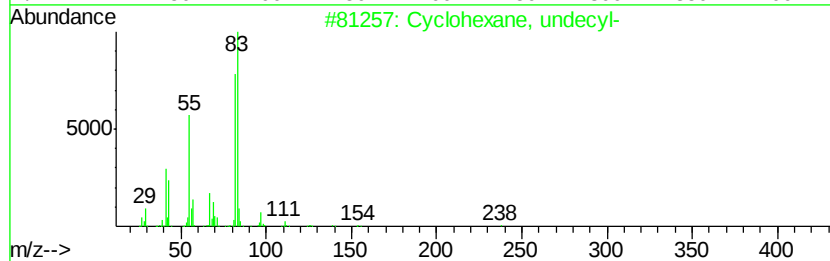
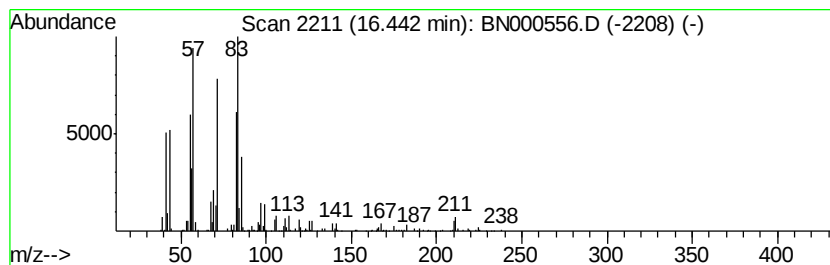
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Quant Title : SVOA CALIBRATION

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

Peak Number 60 (DEL) Alkane: Cyclic16.44 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.07 ng/ul	769099	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	47
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
5			Dodecane	170	C12H26	000112-40-3	45



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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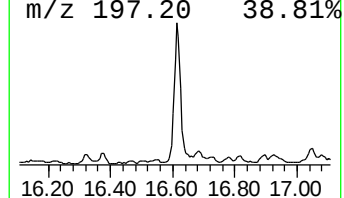
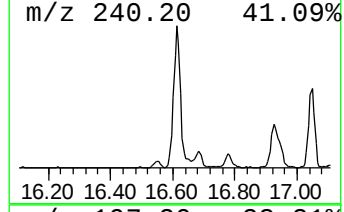
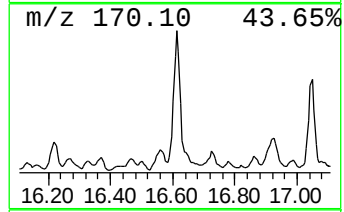
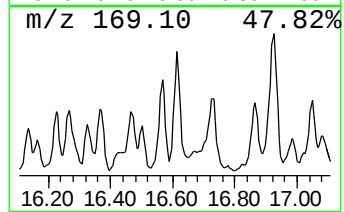
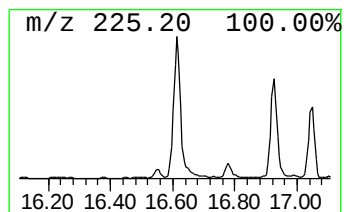
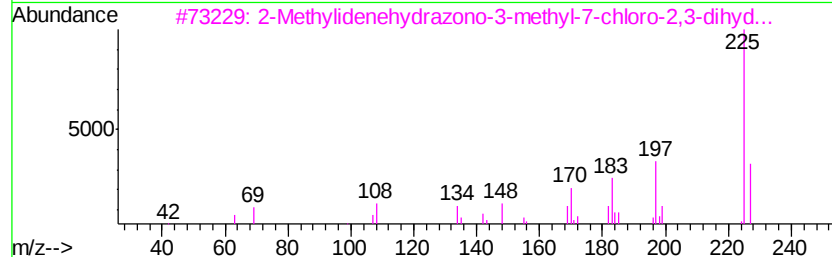
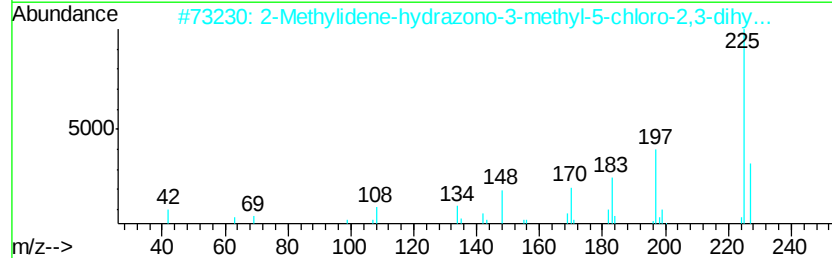
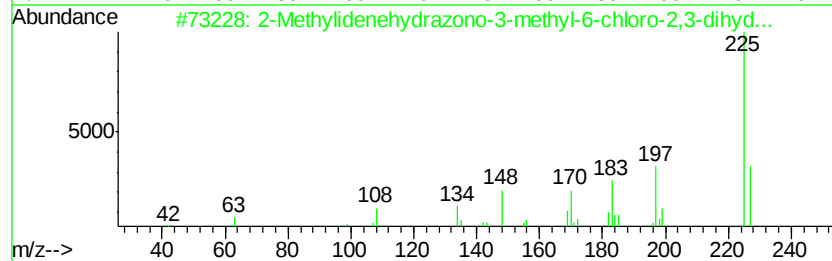
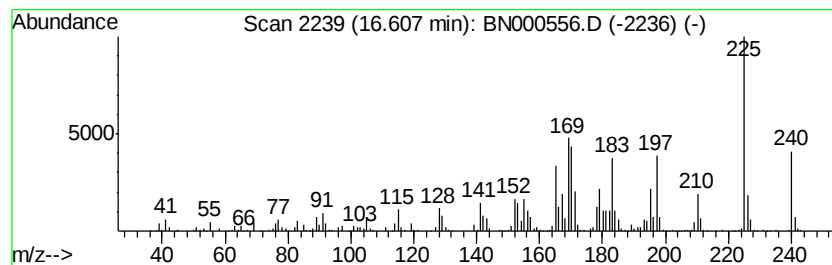
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 61 unknown-06 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	15.73 ng/ul	1710310	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylidenehydrazono-3-methyl-	225	C9H8ClN3S	1000147-91-5	49		
2	2-Methylidene-hydrazono-3-methyl-	225	C9H8ClN3S	1000147-91-3	43		
3	2-Methylidenehydrazono-3-methyl-	225	C9H8ClN3S	1000147-91-6	43		
4	Indolo[2,3-a]quinolizine, 1,2,3,	226	C15H18N2	004802-79-3	40		
5	6,7-Dihydro-2-isopropylamino-8-m	225	C9H15N5O2	1000101-98-2	38		



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

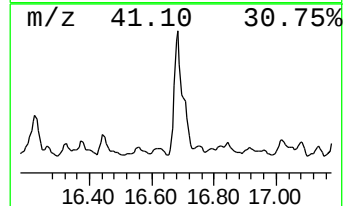
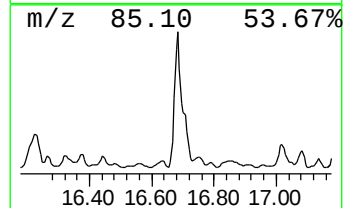
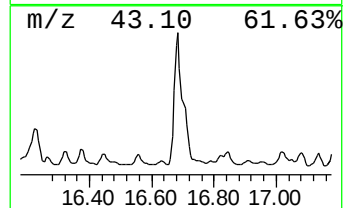
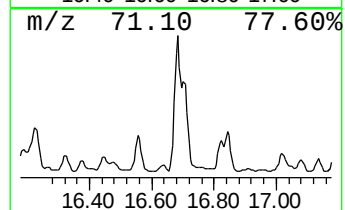
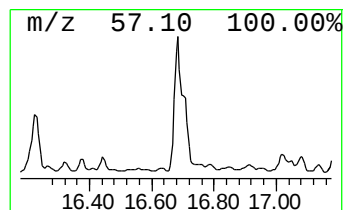
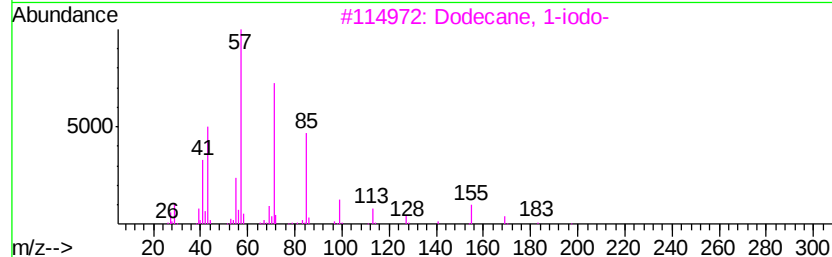
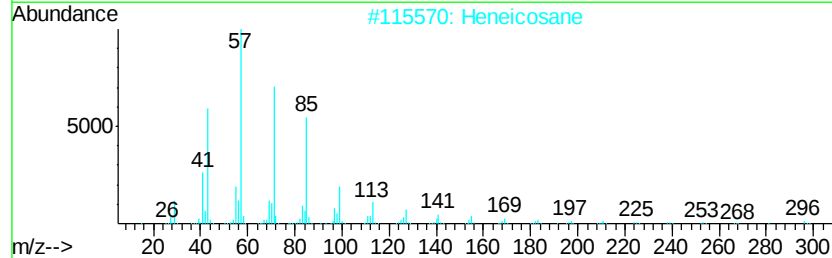
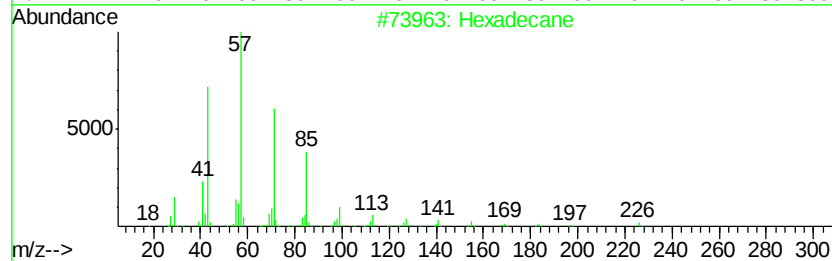
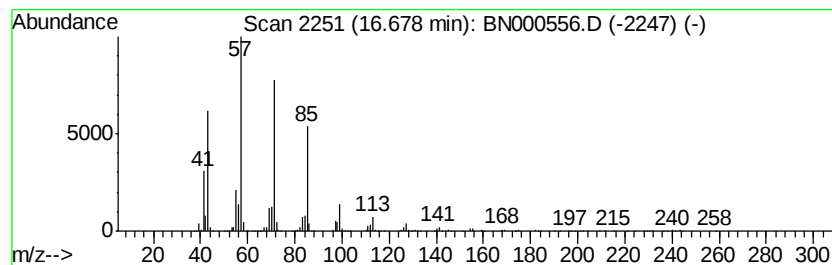
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Quant Title : SVOA CALIBRATION

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

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	36.99 ng/ul	4021830	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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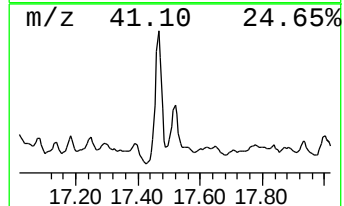
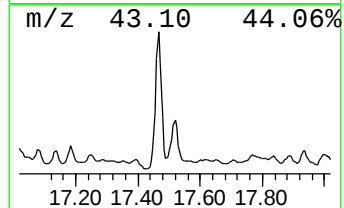
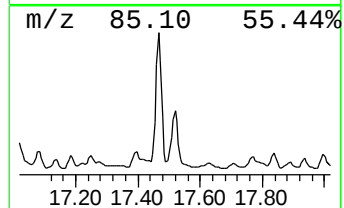
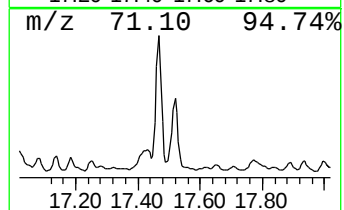
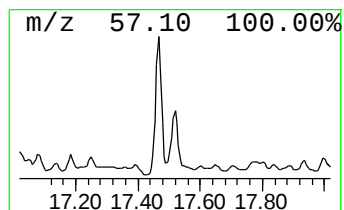
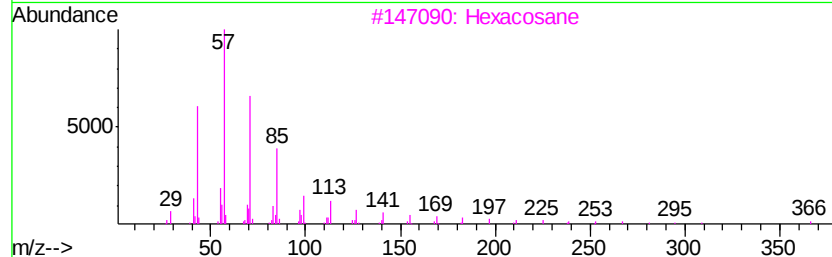
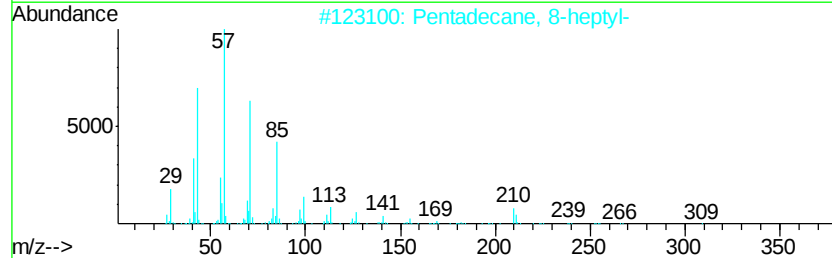
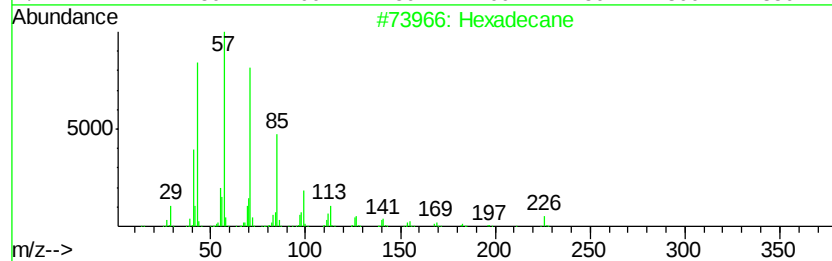
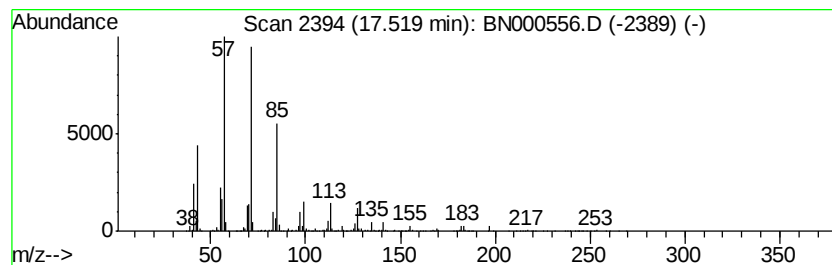
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Quant Title : SVOA CALIBRATION

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

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	18.05 ng/ul	1962090	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Hexacosane	366	C26H54	000630-01-3	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL

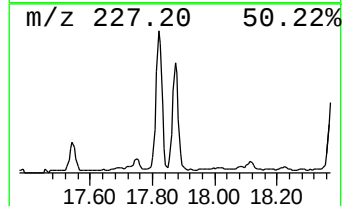
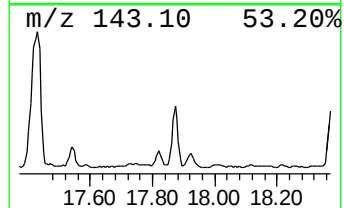
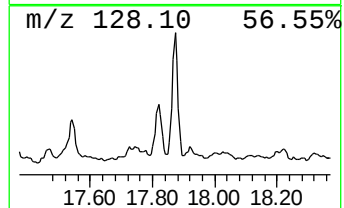
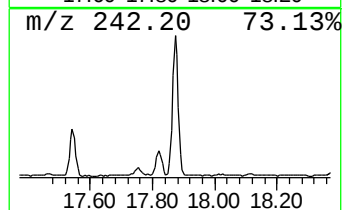
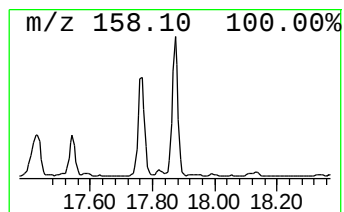
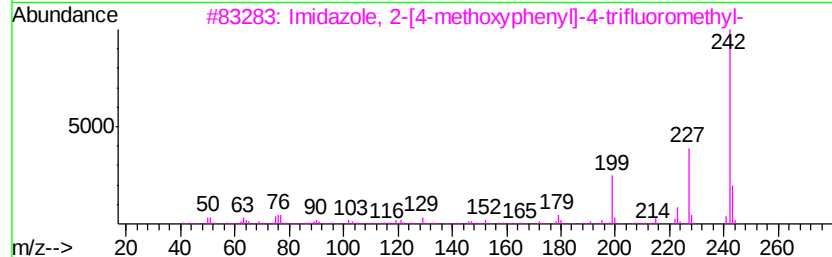
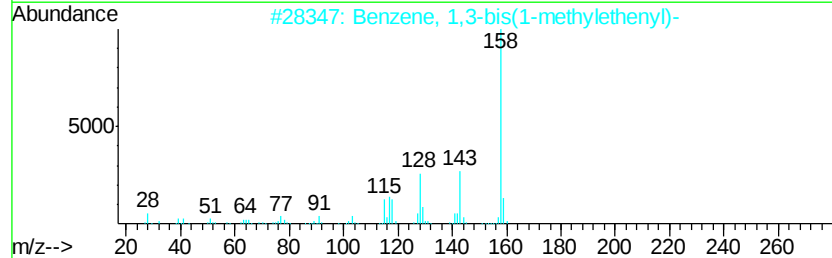
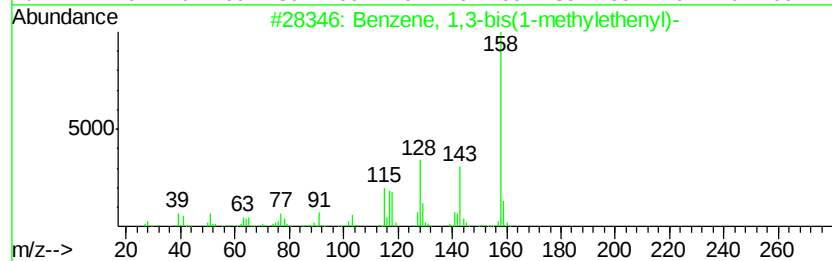
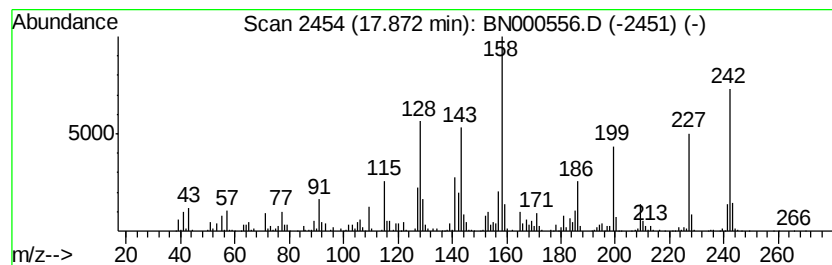
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Quant Title : SVOA CALIBRATION

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

Peak Number 64 unknown-07 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.42 ng/ul	806768	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	42
2			Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	38
3			Imidazole, 2-[4-methoxyphenyl]-4...	242	C11H9F3N2O	033469-37-3	38
4			Hydrazine, 1-naphthalenyl-	158	C10H10N2	002243-55-2	30
5			1,3-Diamino-5,6-dihydro-7-methox...	242	C13H14N4O	037436-49-0	25



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

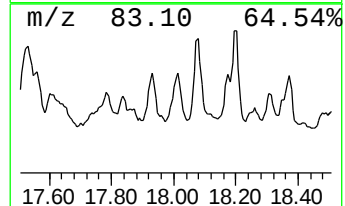
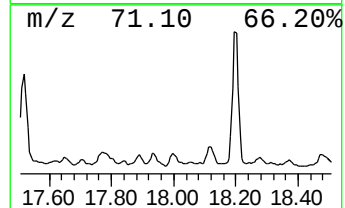
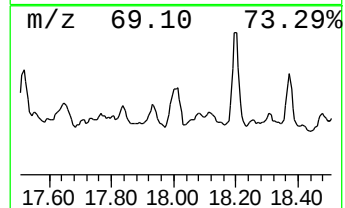
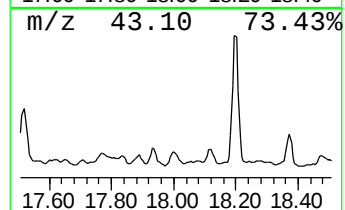
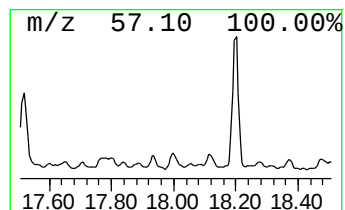
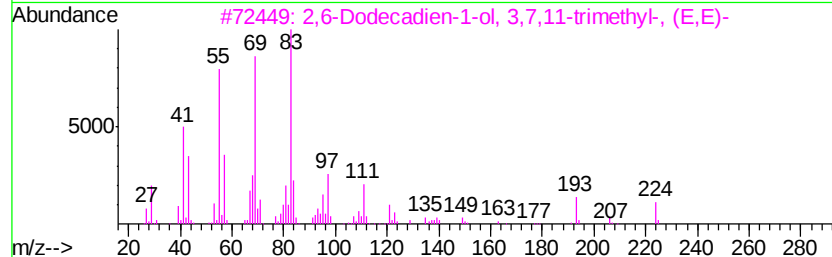
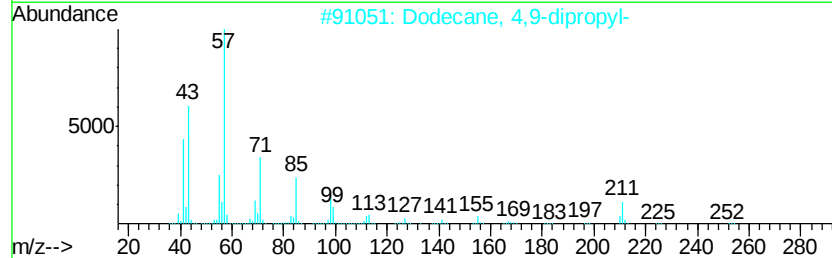
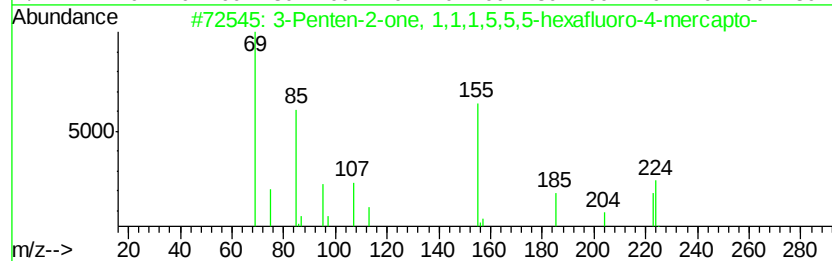
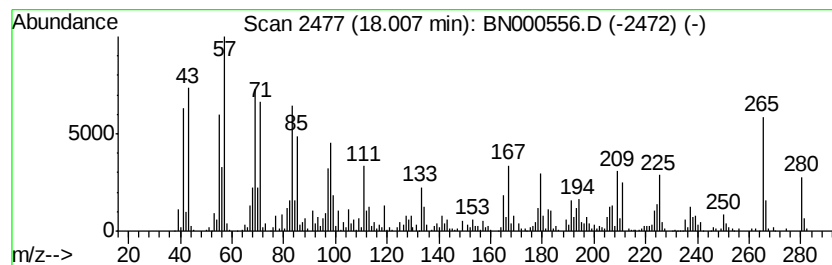
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Quant Title : SVOA CALIBRATION

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

Peak Number 65 unknown-08 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	9.15 ng/ul	994448	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 1,1,1,5,5,5-hexa...	224	C5H2F6OS	056666-70-7	38
2			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	35
3			2,6-Dodecadien-1-ol, 3,7,11-trim...	224	C15H28O	020576-56-1	35
4			3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	27
5			(E)-3-Methyl-2-hexene	98	C7H14	020710-38-7	27



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

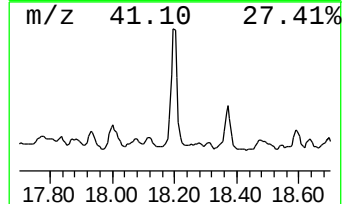
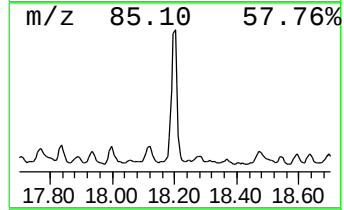
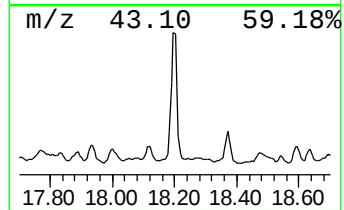
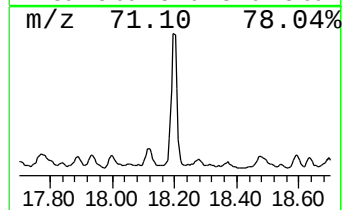
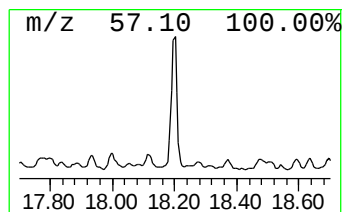
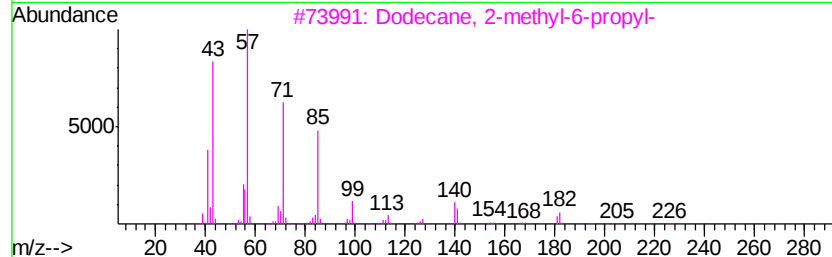
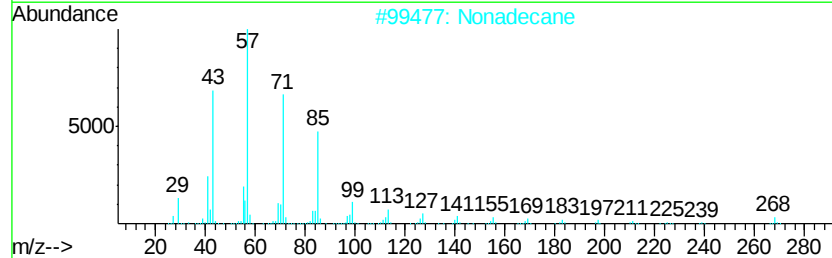
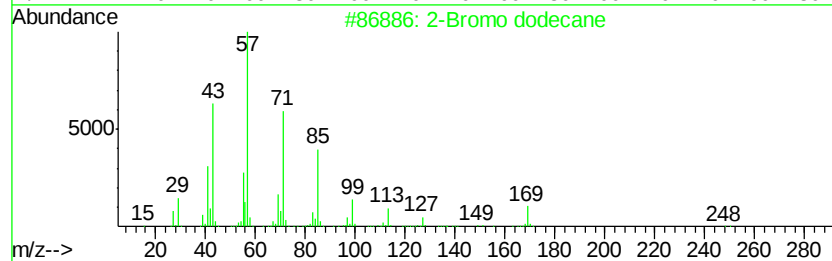
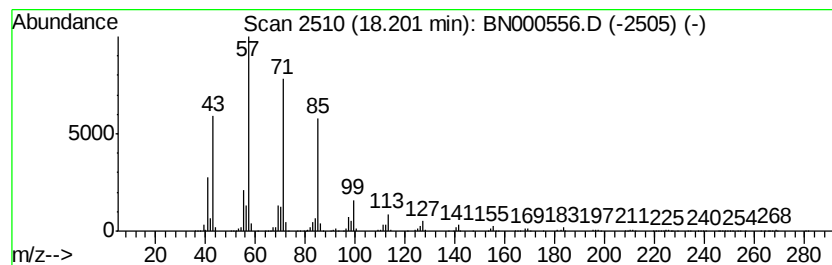
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Quant Title : SVOA CALIBRATION

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

Peak Number 66 2-Bromo dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	28.57 ng/ul	3106580	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

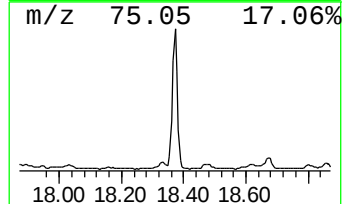
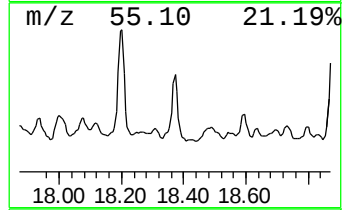
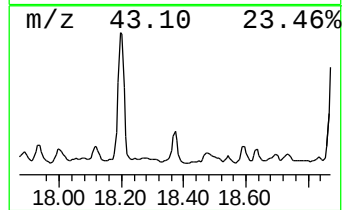
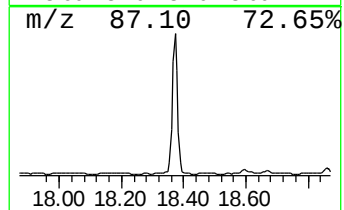
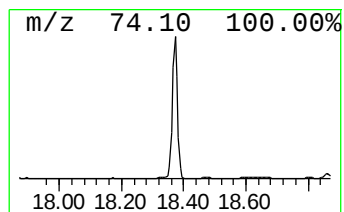
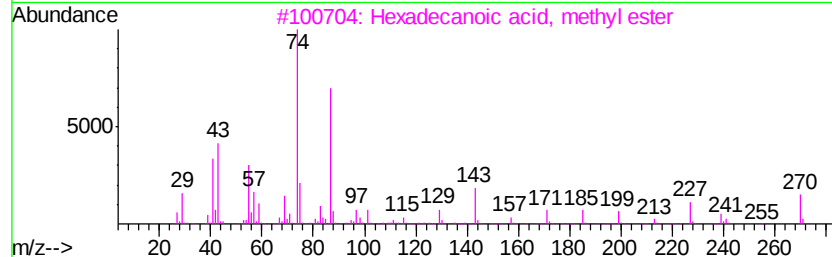
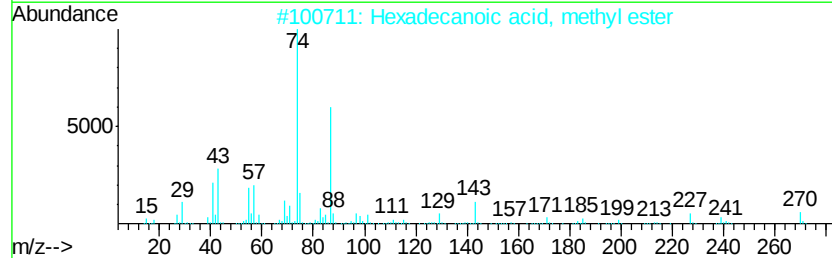
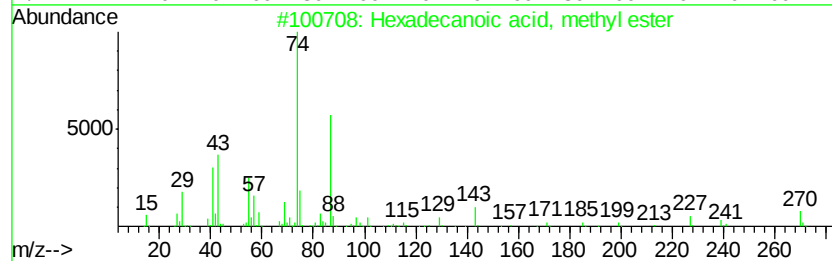
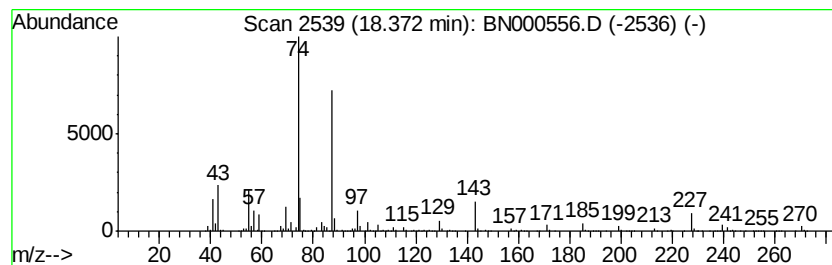
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Quant Title : SVOA CALIBRATION

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

Peak Number 67 Hexadecanoic acid, methyl e... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	12.04 ng/ul	1309280	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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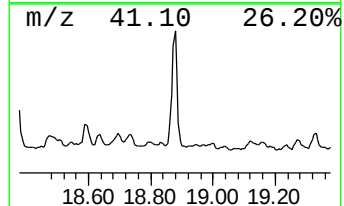
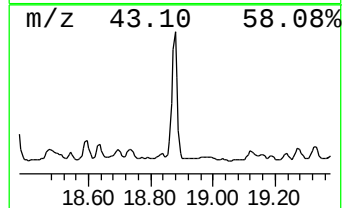
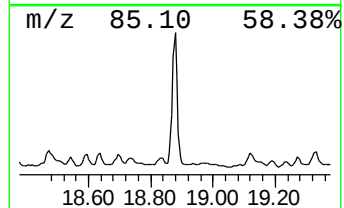
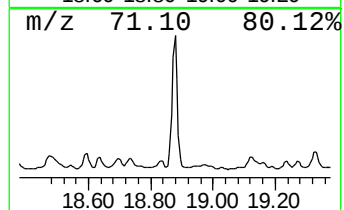
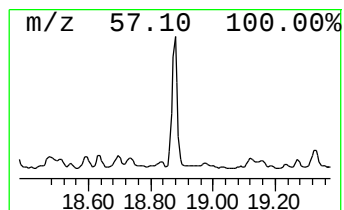
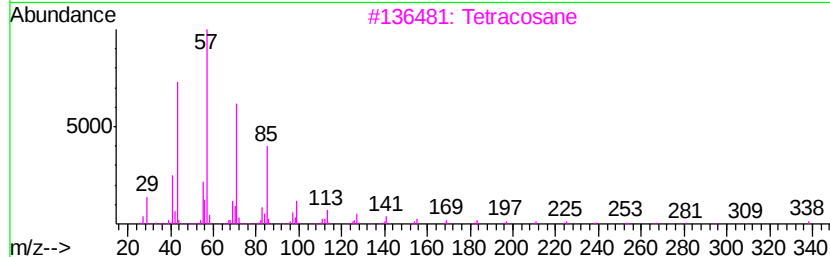
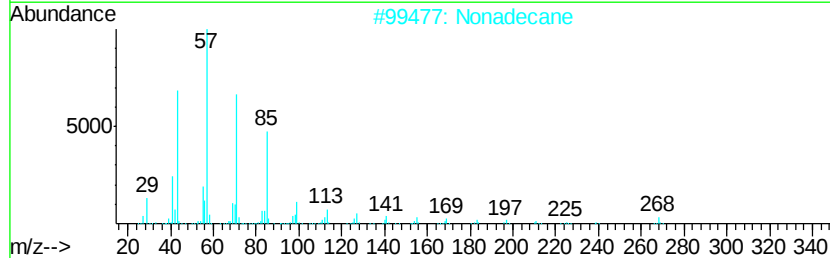
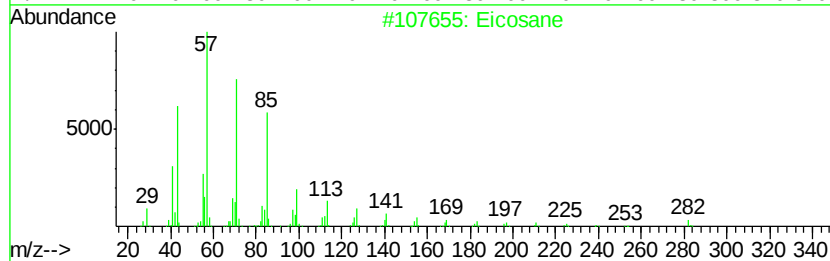
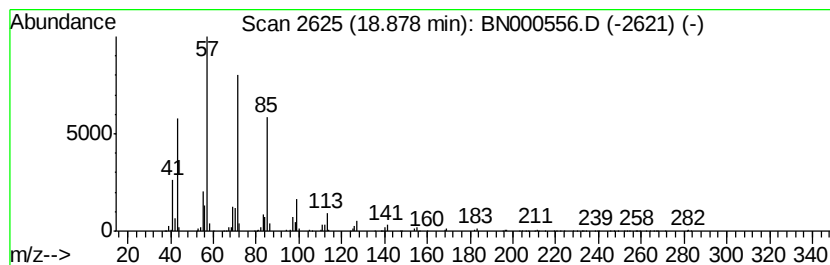
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Quant Title : SVOA CALIBRATION

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

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	19.29 ng/ul	2097670	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Octadecane, 5-methyl-	268	C19H40	025117-35-5	87
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

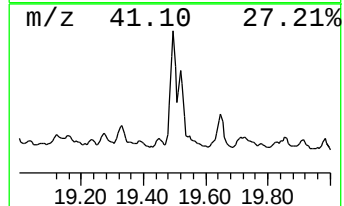
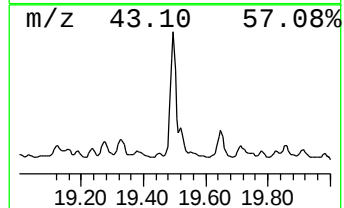
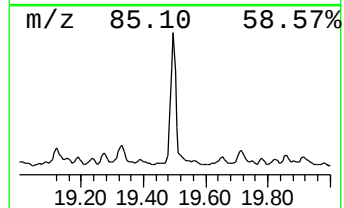
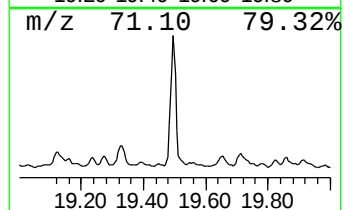
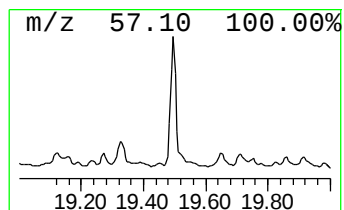
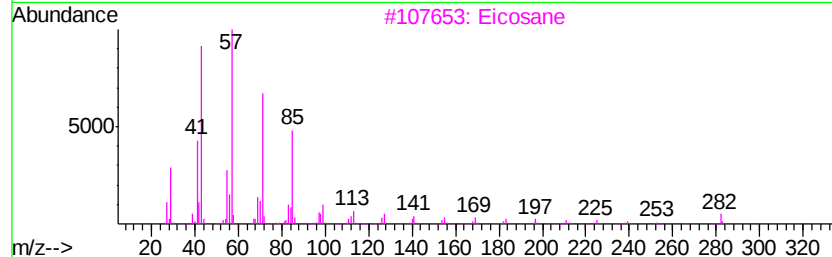
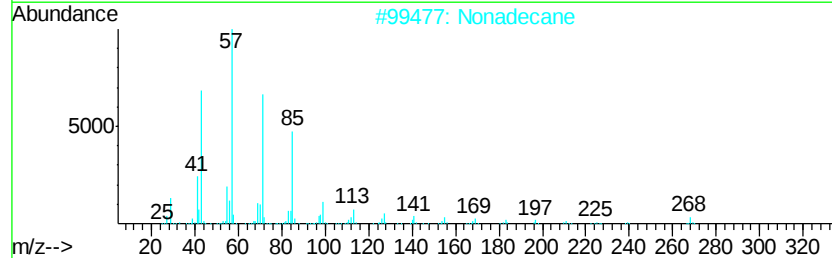
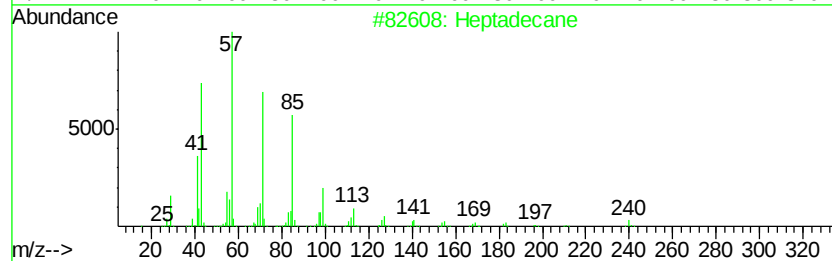
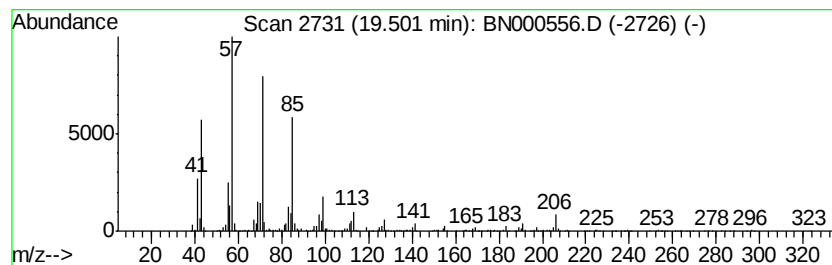
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Quant Title : SVOA CALIBRATION

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

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	17.26 ng/ul	1876250	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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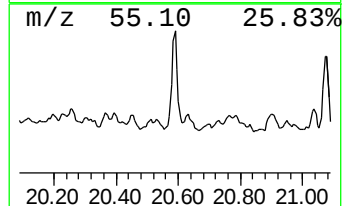
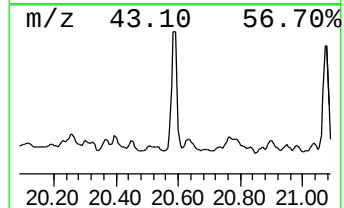
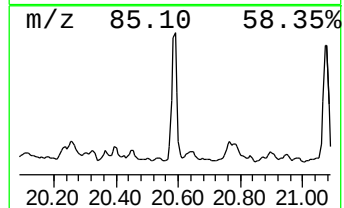
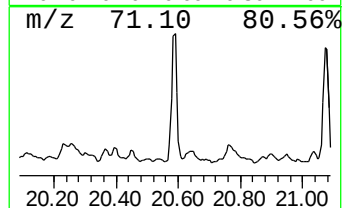
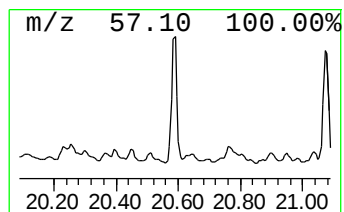
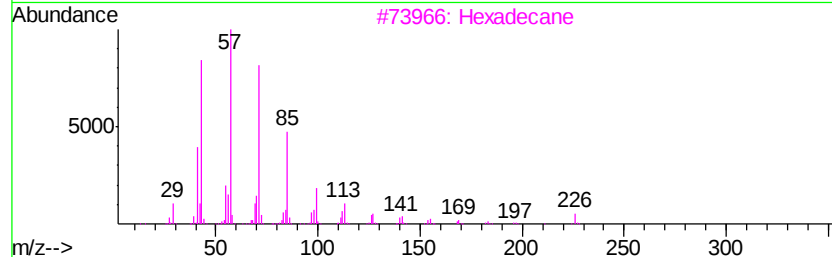
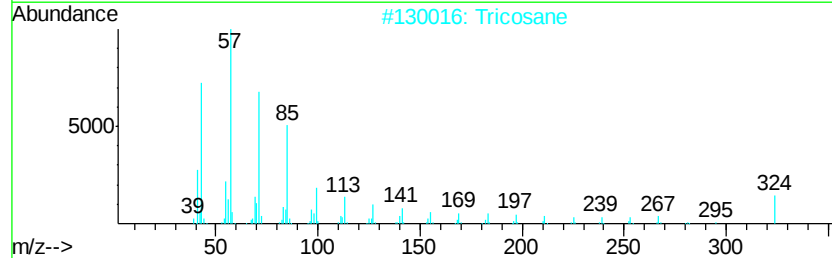
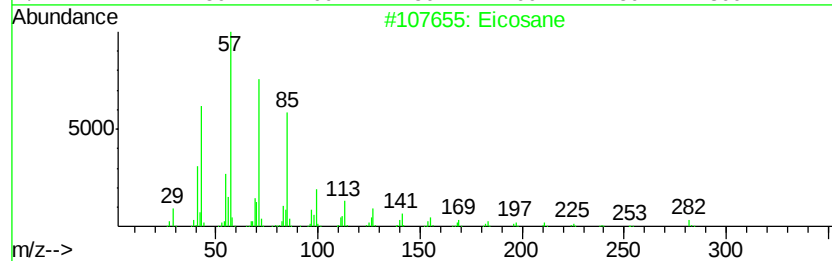
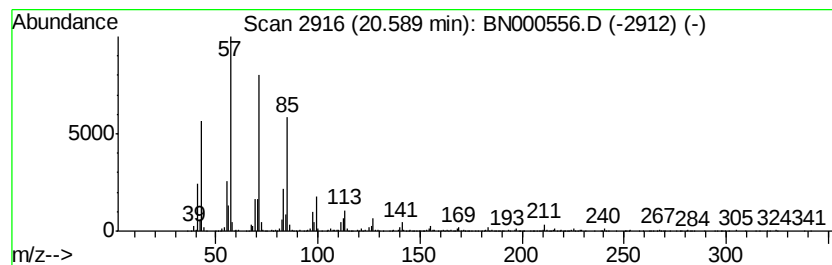
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Quant Title : SVOA CALIBRATION

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

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	9.37 ng/ul	1135690	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tricosane	324	C23H48	000638-67-5	94
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heptadecane	240	C17H36	000629-78-7	83
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAM41DL

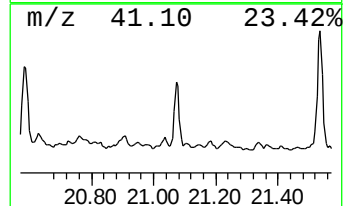
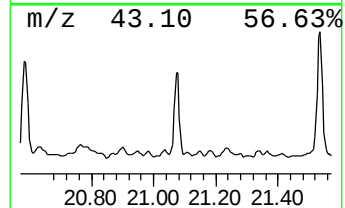
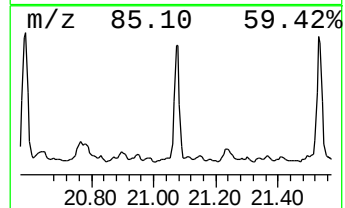
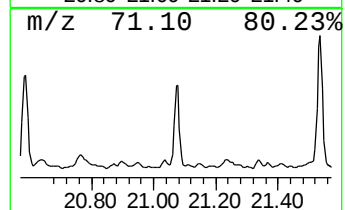
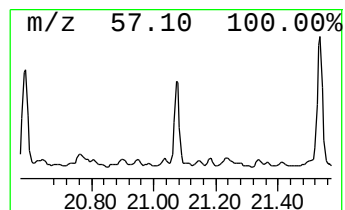
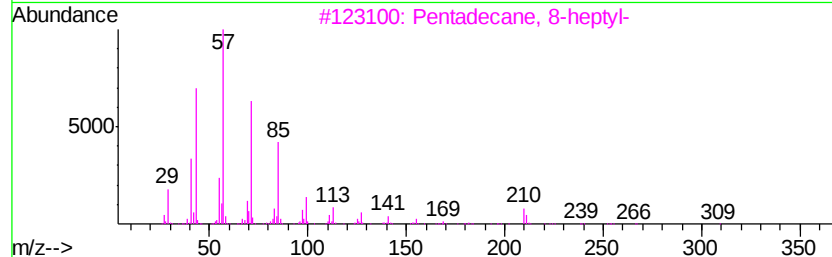
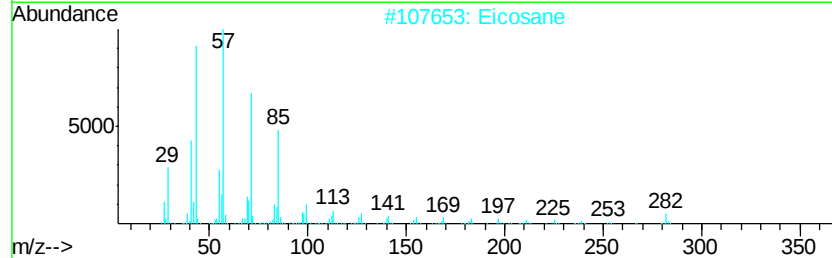
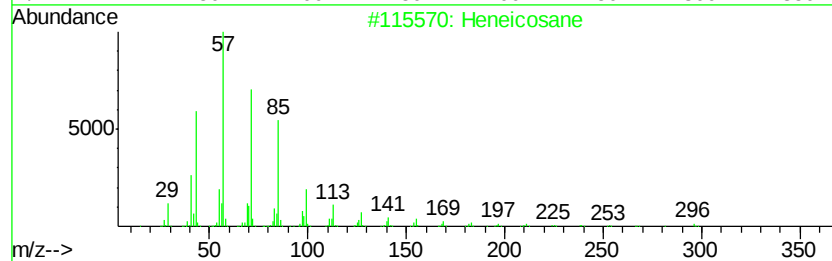
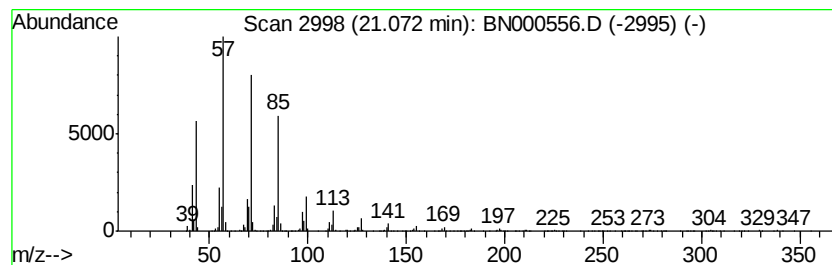
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	6.67 ng/ul	808376	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Eicosane	282	C20H42	000112-95-8	90
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

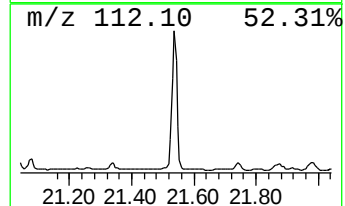
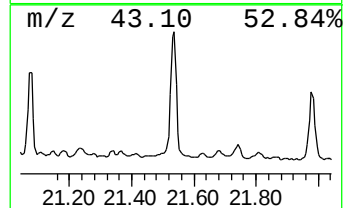
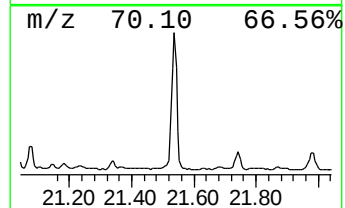
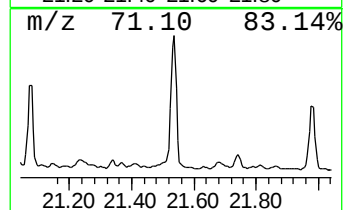
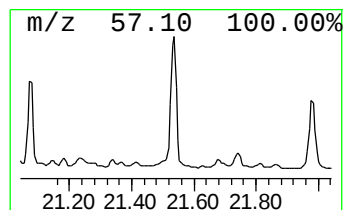
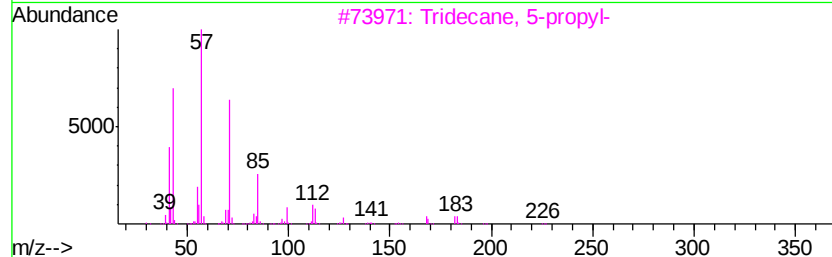
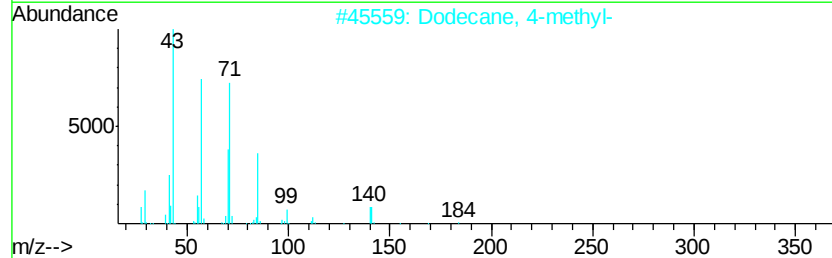
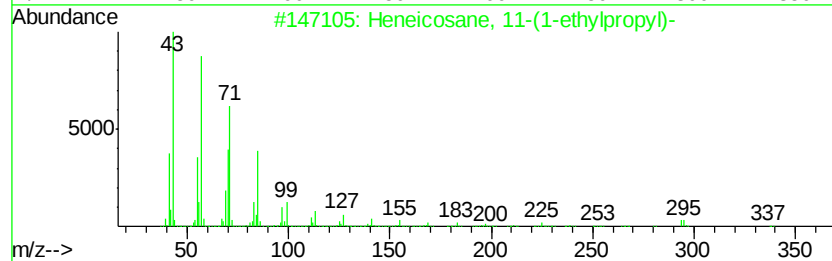
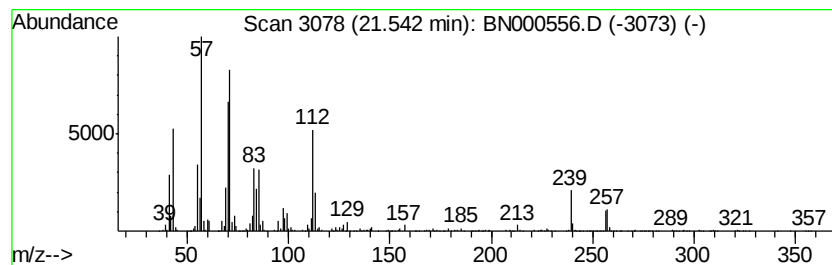
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	15.35 ng/ul	1861510	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	43
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	43
5		Tetratetracontane	619	C44H90	007098-22-8	38



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleID :
DAM41DL

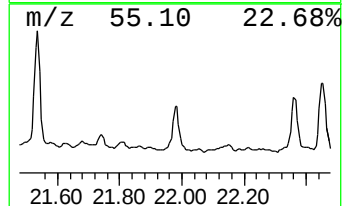
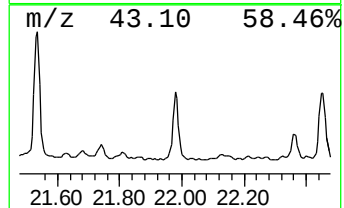
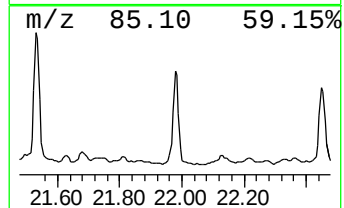
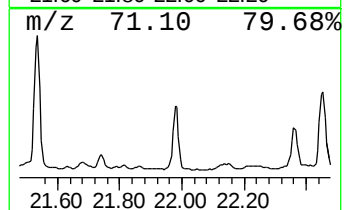
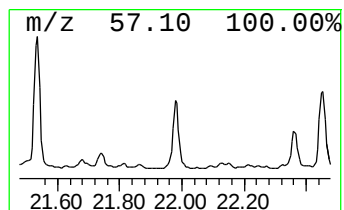
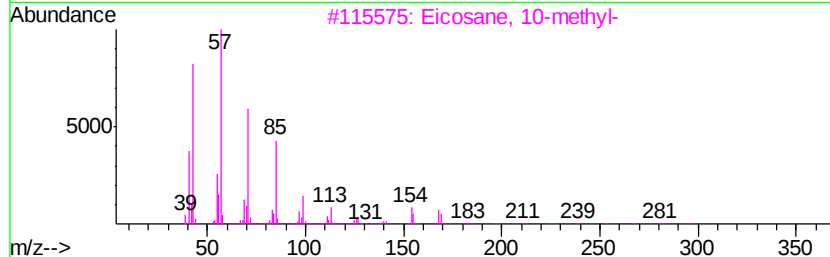
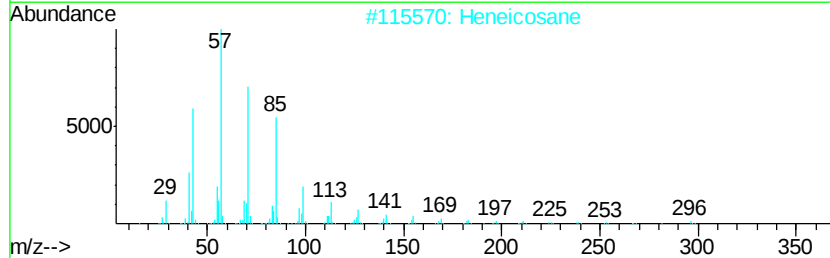
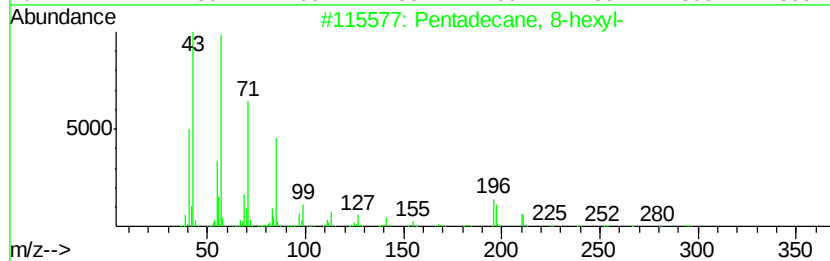
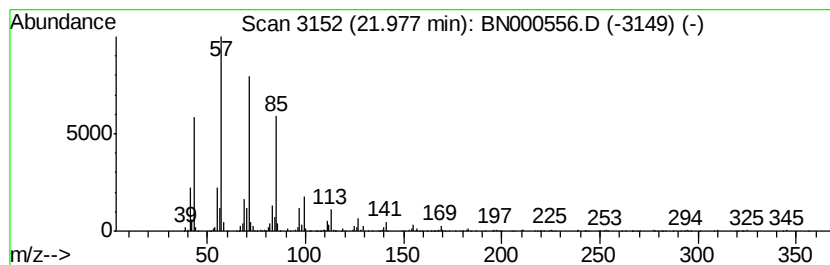
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Quant Title : SVOA CALIBRATION

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

Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	7.29 ng/ul	884032	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4			Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000556.D
Acq On : 23 Mar 2018 00:28
Operator : JU/SJ
Sample : J1905-06DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41DL

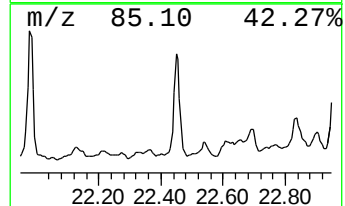
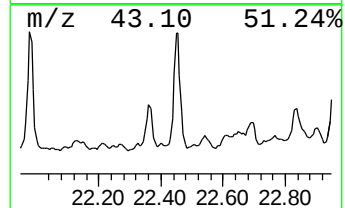
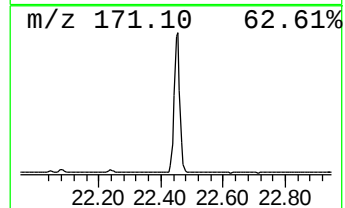
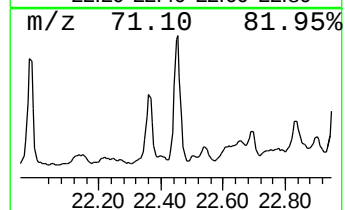
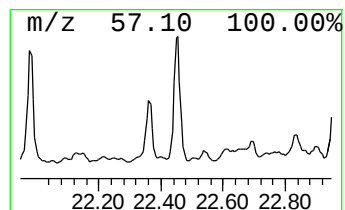
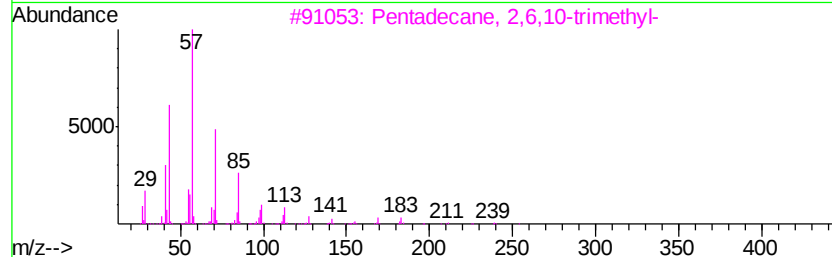
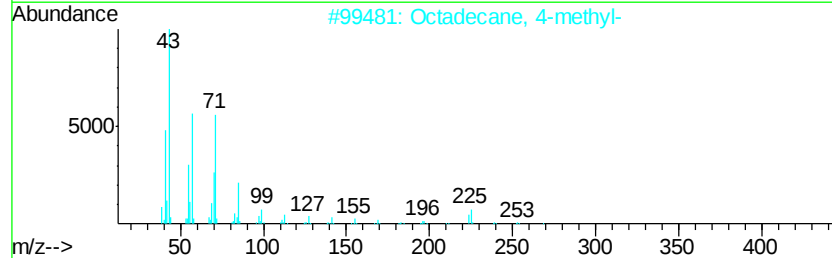
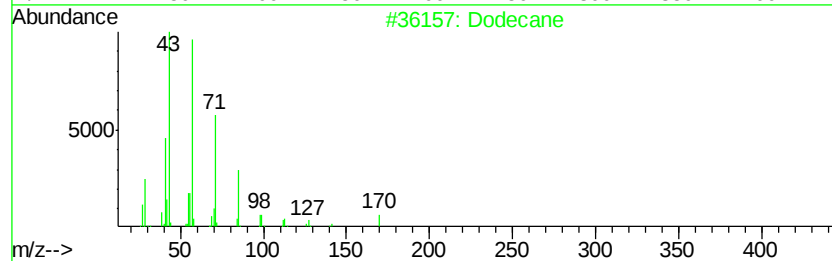
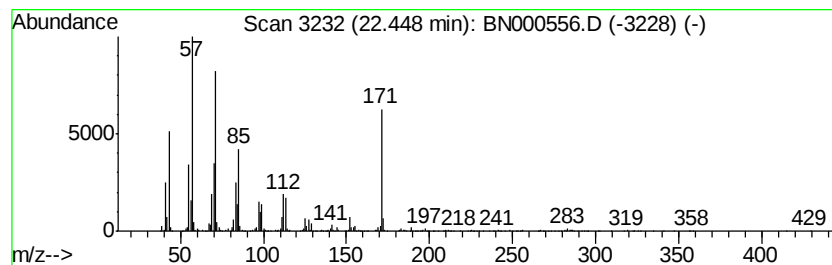
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 78 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	11.19 ng/ul	1356290	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	60
2		Octadecane, 4-methyl-	268	C19H40	010544-95-3	58
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	53
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	52



Data Path : Z:\HPCHEM1\BNA_N\Data\BN032218\
 Data File : BN000556.D
 Acq On : 23 Mar 2018 00:28
 Operator : JU/SJ
 Sample : J1905-06DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM41DL

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...	6.35	37.7	ng/ul	1810270	1	8.41	959666	20.0
(DEL) Alkane: Cyc...	7.00	21.1	ng/ul	1010560	1	8.41	959666	20.0
(DEL) Alkane: Str...	7.35	23.2	ng/ul	1115120	1	8.41	959666	20.0
(DEL) Alkane: Str...	7.41	23.5	ng/ul	1129550	1	8.41	959666	20.0
(DEL) Alkane: Str...	7.53	41.7	ng/ul	2000820	1	8.41	959666	20.0
Benzene, 1-ethyl-...	7.78	17.8	ng/ul	855767	1	8.41	959666	20.0
(DEL) Alkane: Str...	8.01	120.5	ng/ul	5781590	1	8.41	959666	20.0
(DEL) Alkane: Str...	8.36	28.4	ng/ul	1362540	1	8.41	959666	20.0
Benzene, 1,2,3-tr...	8.53	25.9	ng/ul	1245090	1	8.41	959666	20.0
(DEL) Alkane: Str...	8.92	31.5	ng/ul	1513070	1	8.41	959666	20.0
(DEL) Alkane: Str...	8.98	46.8	ng/ul	2247750	1	8.41	959666	20.0
Benzene, 1,2-diet...	9.05	74.3	ng/ul	3567090	1	8.41	959666	20.0
(DEL) Alkane: Str...	9.16	35.0	ng/ul	1679530	1	8.41	959666	20.0
Benzene, 1-methyl...	9.22	19.1	ng/ul	915927	1	8.41	959666	20.0
Benzene, 1-methyl...	9.43	22.9	ng/ul	1097660	1	8.41	959666	20.0
(DEL) Alkane: Str...	9.63	157.7	ng/ul	7568460	1	8.41	959666	20.0
4-Methylphenyl ac...	9.77	38.0	ng/ul	1825440	1	8.41	959666	20.0
Benzene, 4-ethyl-...	9.87	11.5	ng/ul	1355800	2	11.25	2359380	20.0
Benzene, 1,2,4,5-...	10.11	7.5	ng/ul	881231	2	11.25	2359380	20.0
(DEL) Alkane: Str...	10.48	14.1	ng/ul	1658350	2	11.25	2359380	20.0
(DEL) Alkane: Str...	10.55	7.1	ng/ul	836463	2	11.25	2359380	20.0
(DEL) Alkane: Str...	10.63	11.7	ng/ul	1379570	2	11.25	2359380	20.0
(DEL) Alkane: Str...	10.73	11.5	ng/ul	1354520	2	11.25	2359380	20.0
(DEL) Alkane: Str...	11.19	44.2	ng/ul	5214260	2	11.25	2359380	20.0
unknown-01	11.60	29.6	ng/ul	3492680	2	11.25	2359380	20.0
(DEL) Alkane: Str...	11.72	14.5	ng/ul	1709330	2	11.25	2359380	20.0
(DEL) Alkane: Cyc...	11.93	15.6	ng/ul	1842190	2	11.25	2359380	20.0
unknown-02	12.11	11.7	ng/ul	1384320	2	11.25	2359380	20.0
(DEL) Alkane: Str...	12.23	18.0	ng/ul	2124480	2	11.25	2359380	20.0
Benzene, 1-(2-but...	12.31	26.0	ng/ul	3065430	2	11.25	2359380	20.0
unknown-03	12.46	23.4	ng/ul	2754890	2	11.25	2359380	20.0
(DEL) Alkane: Str...	12.61	30.9	ng/ul	3646510	2	11.25	2359380	20.0
unknown-04	12.65	18.2	ng/ul	2144680	2	11.25	2359380	20.0
unknown-05	13.01	9.8	ng/ul	1153810	2	11.25	2359380	20.0
Benzocycloheptatr...	13.10	9.0	ng/ul	1061270	2	11.25	2359380	20.0
3-Trifluoroacetox...	13.25	8.4	ng/ul	1544080	3	15.03	3680340	20.0
(DEL) Alkane: Str...	13.40	6.1	ng/ul	1124410	3	15.03	3680340	20.0
(DEL) Alkane: Str...	13.54	7.7	ng/ul	1421530	3	15.03	3680340	20.0
Naphthalene, 1,3-...	14.07	5.8	ng/ul	1072800	3	15.03	3680340	20.0
Naphthalene, 2,6-...	14.35	10.8	ng/ul	1984250	3	15.03	3680340	20.0
(DEL) Alkane: Str...	14.47	7.0	ng/ul	1296410	3	15.03	3680340	20.0
3,4-Dimethyl(1H)p...	14.64	13.8	ng/ul	2538390	3	15.03	3680340	20.0
(DEL) Alkane: Str...	14.89	47.1	ng/ul	8672450	3	15.03	3680340	20.0
Cyclopropane, 1-m...	15.15	22.7	ng/ul	4169150	3	15.03	3680340	20.0
(DEL) Alkane: Str...	15.31	7.3	ng/ul	1345870	3	15.03	3680340	20.0
Naphthalene, 1,6,...	15.41	8.7	ng/ul	1603160	3	15.03	3680340	20.0
Naphthalene, 2,3,...	15.50	9.0	ng/ul	1655680	3	15.03	3680340	20.0
Benzene, 1-(1-but...	15.55	10.4	ng/ul	1914800	3	15.03	3680340	20.0
Naphthalene, 1,4,...	15.77	21.8	ng/ul	4009360	3	15.03	3680340	20.0

(DEL) Alkane: Str...	15.82	29.0 ng/ul	5343460	3	15.03	3680340	20.0
(DEL) Alkane: Str...	16.22	8.1 ng/ul	1482430	3	15.03	3680340	20.0
Azulene, 7-ethyl-...	16.27	4.5 ng/ul	820354	3	15.03	3680340	20.0
(DEL) Alkane: Cyc...	16.44	7.1 ng/ul	769099	4	17.77	2174500	20.0
unknown-06	16.61	15.7 ng/ul	1710310	4	17.77	2174500	20.0
(DEL) Alkane: Str...	16.68	37.0 ng/ul	4021830	4	17.77	2174500	20.0
(DEL) Alkane: Str...	17.52	18.1 ng/ul	1962090	4	17.77	2174500	20.0
unknown-07	17.87	7.4 ng/ul	806768	4	17.77	2174500	20.0
unknown-08	18.01	9.2 ng/ul	994448	4	17.77	2174500	20.0
2-Bromo dodecane	18.20	28.6 ng/ul	3106580	4	17.77	2174500	20.0
Hexadecanoic acid...	18.37	12.0 ng/ul	1309280	4	17.77	2174500	20.0
(DEL) Alkane: Str...	18.88	19.3 ng/ul	2097670	4	17.77	2174500	20.0
(DEL) Alkane: Str...	19.50	17.3 ng/ul	1876250	4	17.77	2174500	20.0
(DEL) Alkane: Str...	20.59	9.4 ng/ul	1135690	5	21.88	2424680	20.0
(DEL) Alkane: Str...	21.07	6.7 ng/ul	808376	5	21.88	2424680	20.0
(DEL) Alkane: Str...	21.54	15.4 ng/ul	1861510	5	21.88	2424680	20.0
(DEL) Alkane: Str...	21.98	7.3 ng/ul	884032	5	21.88	2424680	20.0
(DEL) Alkane: Str...	22.45	11.2 ng/ul	1356290	5	21.88	2424680	20.0

Instrument :
BNA_N
ClientSampleId :
DAM41DL