

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005542.D
 Acq On : 08 May 2019 21:08
 Operator : JU/SJ
 Sample : K2603-16ME
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ68ME

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	5.164	362	370	377	rVV	1746993	2513377	3.80%	0.285%
2	5.646	445	452	462	rVV2	1240484	2075198	3.14%	0.235%
3	6.758	634	641	649	rVV2	1639935	4053087	6.13%	0.460%
4	7.246	715	724	732	rVV3	4194932	9085412	13.74%	1.031%
5	7.587	773	782	787	rBV2	1259994	2395247	3.62%	0.272%
6	8.116	861	872	879	rBV	7260046	12021600	18.18%	1.364%
7	8.287	897	901	907	rVB	1360133	2152516	3.25%	0.244%
8	8.681	959	968	972	rVV2	1253564	2454846	3.71%	0.279%
9	8.734	972	977	985	rVV2	1346099	2917921	4.41%	0.331%
10	8.811	985	990	993	rVV	3545109	5250977	7.94%	0.596%
11	9.258	1062	1066	1074	rVB2	1014986	2112599	3.19%	0.240%
12	9.446	1089	1098	1103	rBV3	1182673	2317052	3.50%	0.263%
13	9.787	1147	1156	1162	rVV4	3464630	9384843	14.19%	1.065%
14	9.858	1162	1168	1172	rVV	2471925	4915221	7.43%	0.558%
15	9.899	1172	1175	1181	rVV3	1749612	2737227	4.14%	0.311%
16	9.981	1181	1189	1196	rVB2	1788832	3785739	5.72%	0.430%
17	10.346	1244	1251	1256	rVV2	7793565	13504334	20.42%	1.532%
18	10.422	1256	1264	1269	rVV2	25342346	54961728	83.10%	6.236%
19	10.487	1269	1275	1278	rVV2	1480228	3150852	4.76%	0.358%
20	10.528	1278	1282	1287	rVV2	2877580	4425066	6.69%	0.502%
21	11.199	1389	1396	1402	rBV4	1168551	2177611	3.29%	0.247%
22	11.281	1402	1410	1416	rVB4	1534949	3334812	5.04%	0.378%
23	11.393	1416	1429	1434	rBV	3903709	8324718	12.59%	0.945%
24	11.546	1450	1455	1464	rVB2	1483521	2907549	4.40%	0.330%
25	11.804	1492	1499	1506	rBV	8007258	12881587	19.48%	1.462%
26	12.052	1529	1541	1546	rVB	29659579	66142129	100.00%	7.505%
27	12.257	1568	1576	1584	rVB	18314766	34317858	51.89%	3.894%
28	12.487	1611	1615	1622	rVB3	1904457	3839598	5.81%	0.436%
29	12.628	1634	1639	1648	rVB	1782011	3352737	5.07%	0.380%
30	12.716	1649	1654	1658	rBV3	1345377	2461360	3.72%	0.279%
31	12.769	1658	1663	1668	rBV	3967386	5181250	7.83%	0.588%
32	13.069	1704	1714	1725	rBV2	9834458	22393908	33.86%	2.541%
33	13.251	1738	1745	1761	rVB	9796064	20578370	31.11%	2.335%
34	13.393	1761	1769	1770	rBV	10421141	15513694	23.46%	1.760%

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35	13.557	1789	1797	1801	rVV	12202107	23724668	35.87%	2.692%
36	13.610	1801	1806	1809	rVV	8590691	12768146	19.30%	1.449%
37	13.646	1809	1812	1816	rVB	3348918	4114693	6.22%	0.467%
38	13.693	1816	1820	1822	rBV5	1393875	2256696	3.41%	0.256%
39	13.728	1822	1826	1830	rVB3	4694594	6888975	10.42%	0.782%
40	13.787	1830	1836	1840	rBV2	6226137	11663484	17.63%	1.323%
41	13.922	1854	1859	1860	rBV	3789037	4906090	7.42%	0.557%
42	13.951	1860	1864	1870	rVB	13136316	21036314	31.80%	2.387%
43	14.151	1892	1898	1902	rBV	11097771	14810041	22.39%	1.680%
44	14.210	1902	1908	1916	rBV3	4778557	10915318	16.50%	1.239%
45	14.287	1917	1921	1924	rBV2	2176369	3339354	5.05%	0.379%
46	14.446	1942	1948	1958	rVB	3987413	9307670	14.07%	1.056%
47	14.634	1970	1980	1987	rVV2	5068084	13371158	20.22%	1.517%
48	14.710	1988	1993	1997	rVV	4891182	7269735	10.99%	0.825%
49	14.775	2000	2004	2009	rVB	4186620	5773891	8.73%	0.655%
50	14.840	2010	2015	2022	rBV3	4803938	10305732	15.58%	1.169%
51	14.910	2023	2027	2030	rVB	3360961	4314504	6.52%	0.490%
52	15.028	2039	2047	2050	rBV3	2578540	6318535	9.55%	0.717%
53	15.110	2056	2061	2065	rVB	9476485	11749562	17.76%	1.333%
54	15.228	2076	2081	2086	rVB2	6773881	11591055	17.52%	1.315%
55	15.293	2086	2092	2103	rBV	9598894	19825944	29.97%	2.250%
56	15.516	2122	2130	2135	rBV2	6617400	12546394	18.97%	1.424%
57	15.669	2152	2156	2157	rBV2	1598836	2120706	3.21%	0.241%
58	15.698	2158	2161	2164	rVV	2276829	3167420	4.79%	0.359%
59	15.975	2202	2208	2210	rBV2	6716923	10736624	16.23%	1.218%
60	15.998	2210	2212	2216	rVB	7694514	8992628	13.60%	1.020%
61	16.292	2255	2262	2266	rBV2	2652742	6930785	10.48%	0.786%
62	16.340	2267	2270	2274	rVV	3689888	5117518	7.74%	0.581%
63	16.381	2274	2277	2282	rVB3	1721769	2630815	3.98%	0.299%
64	16.440	2282	2287	2291	rBV4	2009209	3122777	4.72%	0.354%
65	16.769	2339	2343	2345	rVV	4425102	5594529	8.46%	0.635%
66	16.816	2345	2351	2362	rVB2	5695068	13439317	20.32%	1.525%
67	16.987	2376	2380	2382	rBV	2603785	3810695	5.76%	0.432%
68	17.045	2383	2390	2394	rVV	24532575	45029936	68.08%	5.109%
69	17.087	2394	2397	2400	rVV2	5400032	8070890	12.20%	0.916%
70	17.122	2400	2403	2409	rVV	7488634	10071015	15.23%	1.143%
71	17.187	2409	2414	2418	rVV3	1752210	3176427	4.80%	0.360%

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72	17.234	2418	2422	2428	rVV3	1584126	3169745	4.79%	0.360%
73	17.422	2451	2454	2461	rVB	1631438	2553684	3.86%	0.290%
74	17.504	2464	2468	2472	rVB	4361664	5242577	7.93%	0.595%
75	17.569	2475	2479	2483	rBV2	1450256	2118181	3.20%	0.240%
76	17.710	2499	2503	2509	rVB	1207898	2100114	3.18%	0.238%
77	17.863	2524	2529	2533	rVV	7654932	11161967	16.88%	1.267%
78	17.916	2533	2538	2542	rVB	8339912	11628430	17.58%	1.319%
79	17.992	2547	2551	2556	rVV	2829781	5190167	7.85%	0.589%
80	18.057	2556	2562	2566	rVV2	7927448	14917891	22.55%	1.693%
81	18.098	2566	2569	2575	rVB	5238636	7031292	10.63%	0.798%
82	18.198	2583	2586	2593	rBV2	2759398	3469282	5.25%	0.394%
83	18.369	2611	2615	2619	rVV	3063206	4177802	6.32%	0.474%
84	18.669	2662	2666	2670	rVV	2382334	2962190	4.48%	0.336%
85	18.792	2682	2687	2692	rBV3	3352413	5506398	8.33%	0.625%
86	18.845	2692	2696	2701	rVV4	3467961	5804135	8.78%	0.659%
87	19.063	2728	2733	2741	rVB	8424512	11184067	16.91%	1.269%
88	19.210	2754	2758	2763	rVB	2956788	4039626	6.11%	0.458%
89	19.398	2785	2790	2792	rBV	5939309	8540365	12.91%	0.969%
90	19.428	2792	2795	2805	rVB	11152861	16262658	24.59%	1.845%
91	19.757	2847	2851	2860	rVB4	1334926	3276850	4.95%	0.372%
92	19.928	2877	2880	2884	rVB	2520536	3296260	4.98%	0.374%
93	20.028	2894	2897	2903	rVB2	2394403	3199995	4.84%	0.363%
94	20.275	2935	2939	2948	rVB	1810685	3173304	4.80%	0.360%
95	21.204	3091	3097	3102	rBV3	5134003	10698712	16.18%	1.214%
96	21.245	3102	3104	3116	rVB	3178423	4453350	6.73%	0.505%
97	22.769	3356	3363	3381	rVB2	1366851	4046104	6.12%	0.459%
98	23.274	3443	3449	3453	rVV2	2818566	5280807	7.98%	0.599%
99	23.316	3453	3456	3463	rVB	1774649	2932338	4.43%	0.333%
100	23.410	3466	3472	3478	rBV	1983970	3461858	5.23%	0.393%

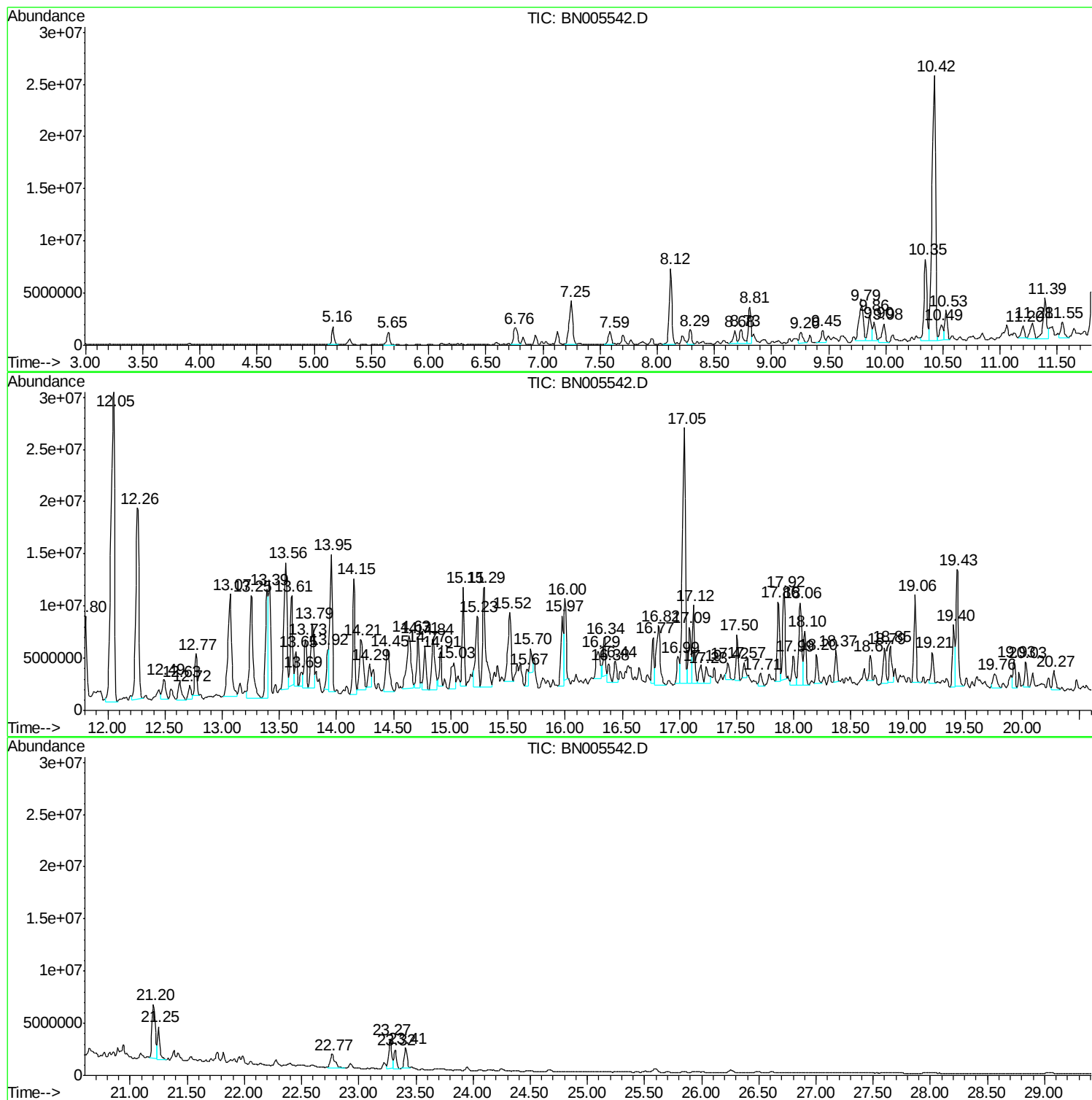
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Misc :
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Instrument :
BNA_N
ClientSampleId :
GAJ68ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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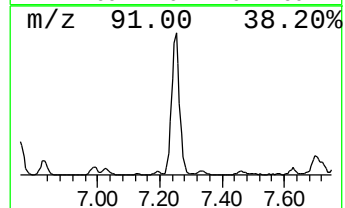
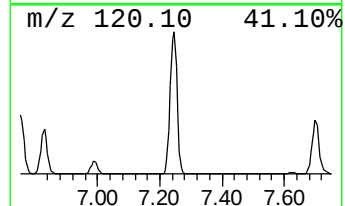
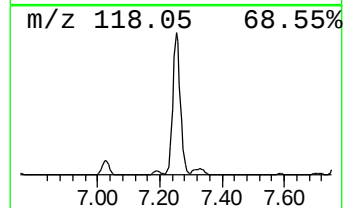
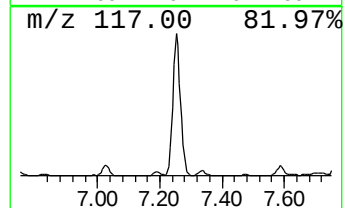
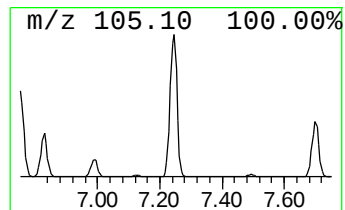
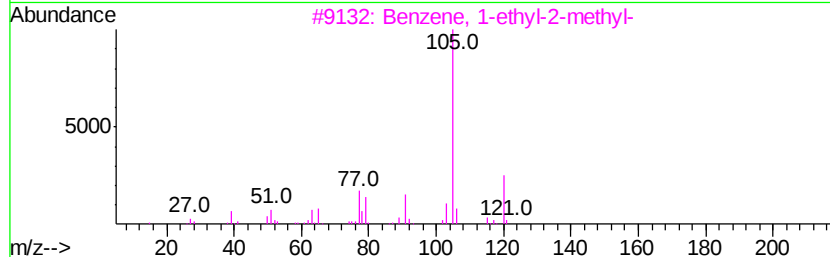
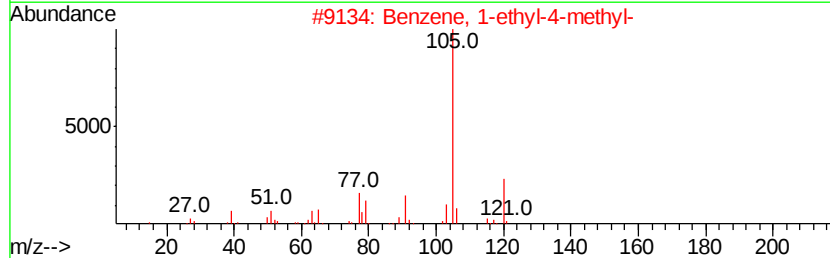
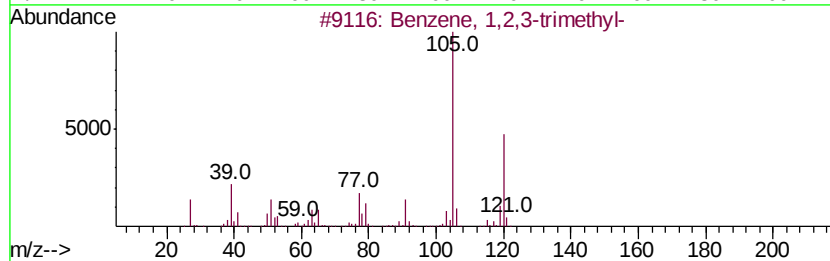
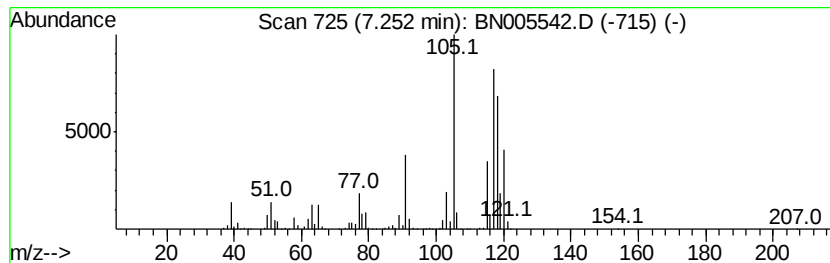
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	75.86 ng/ul	9085410	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	42
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	41
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	38



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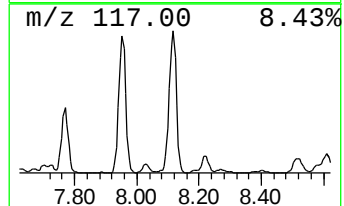
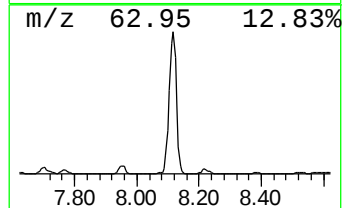
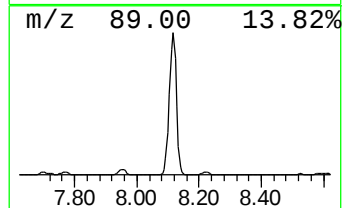
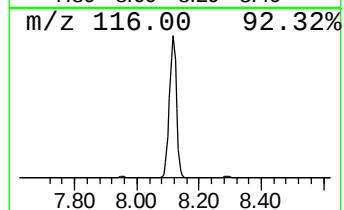
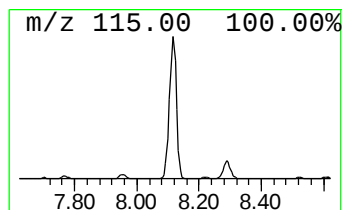
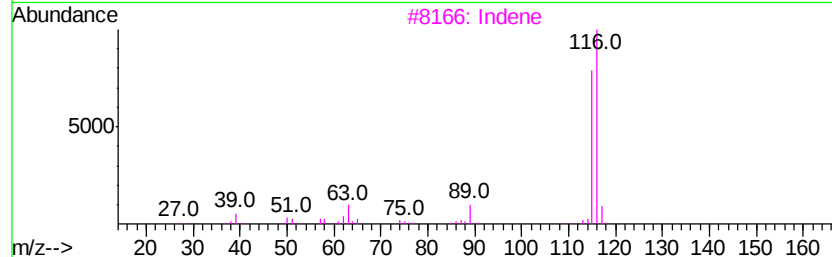
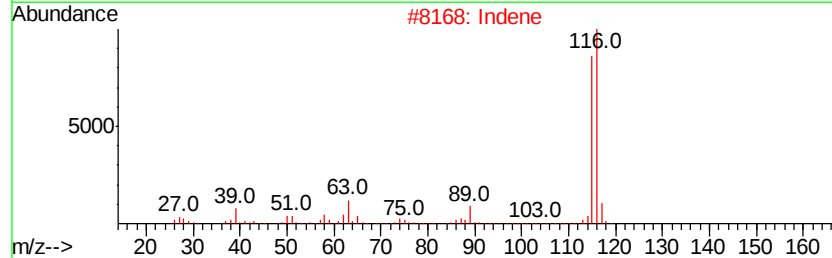
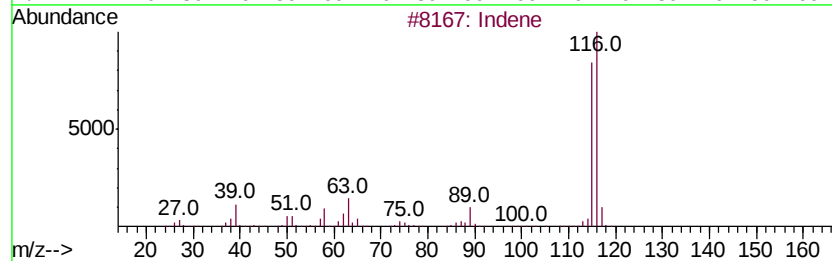
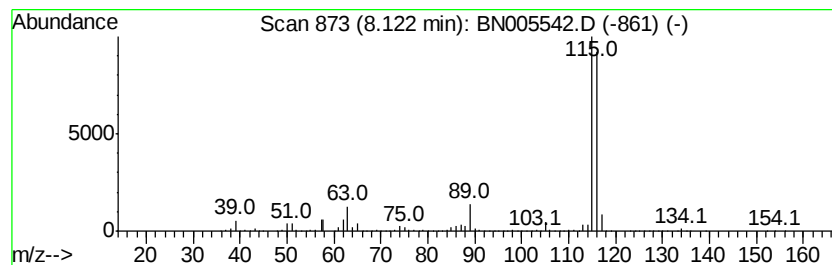
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	100.38 ng/ul	12021600	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	95
2		Indene	116	C9H8	000095-13-6	95
3		Indene	116	C9H8	000095-13-6	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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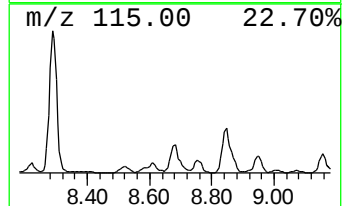
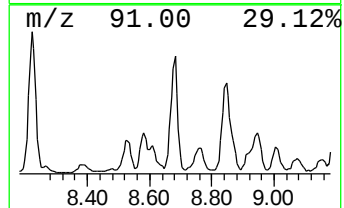
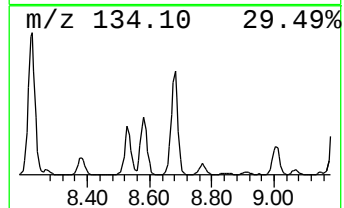
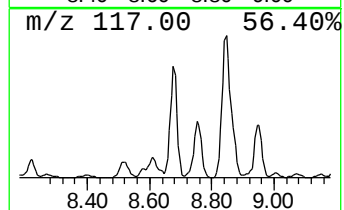
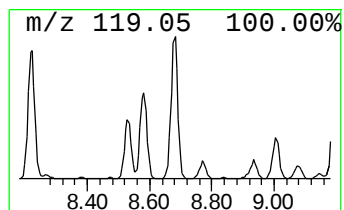
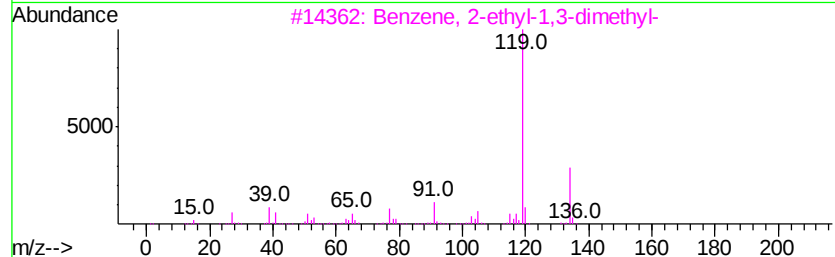
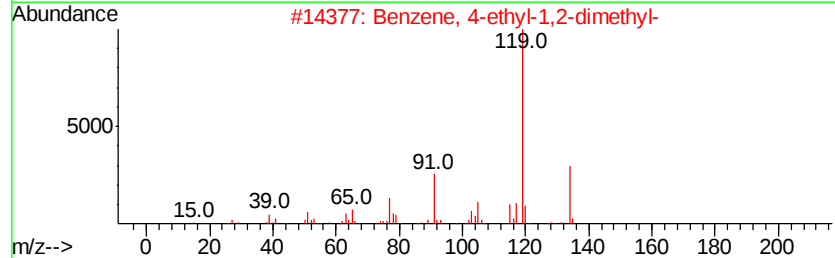
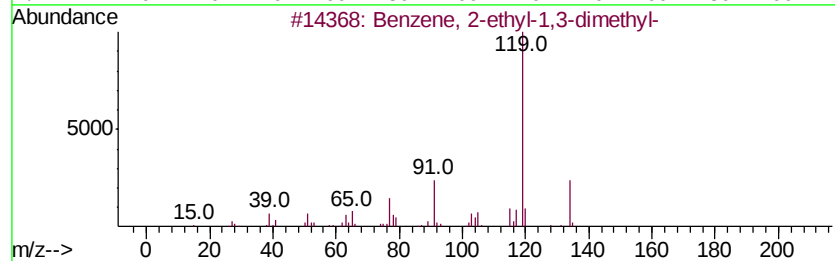
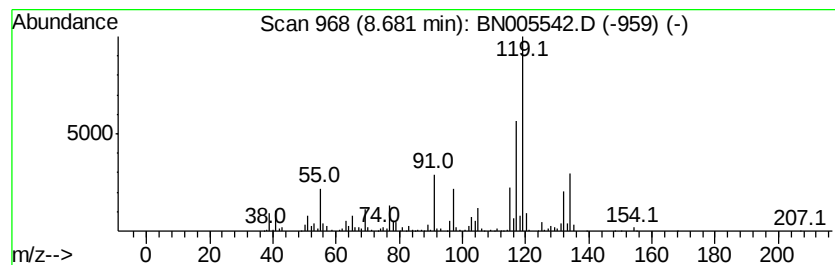
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	20.50 ng/ul	2454850	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

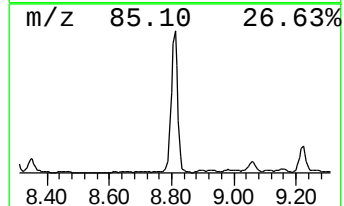
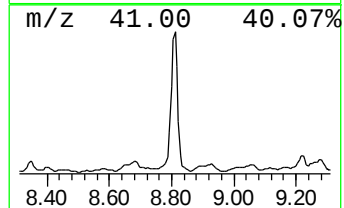
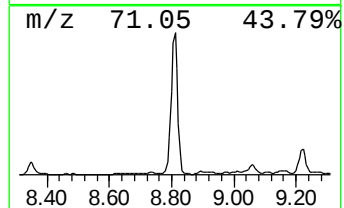
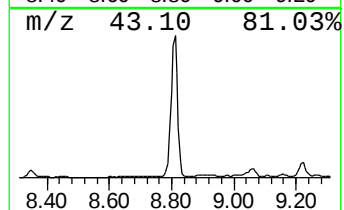
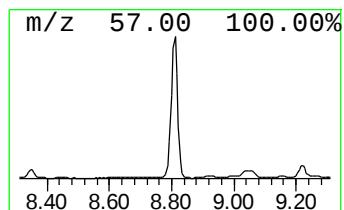
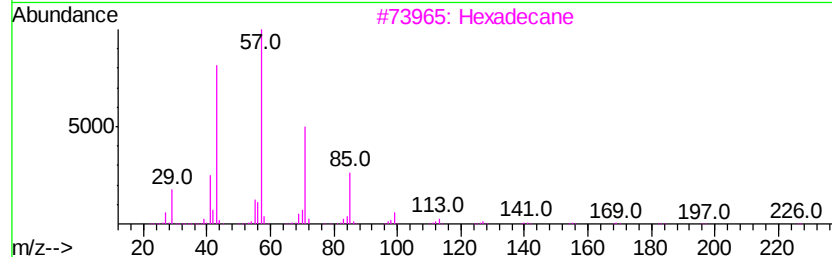
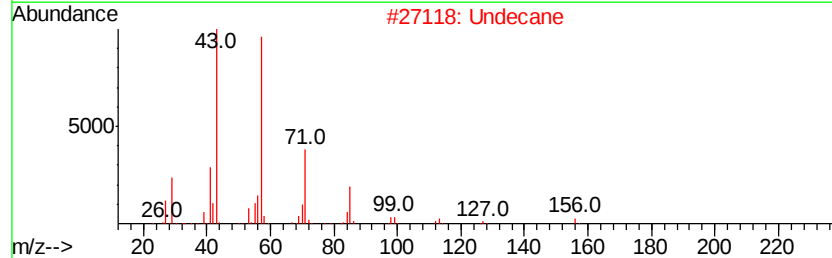
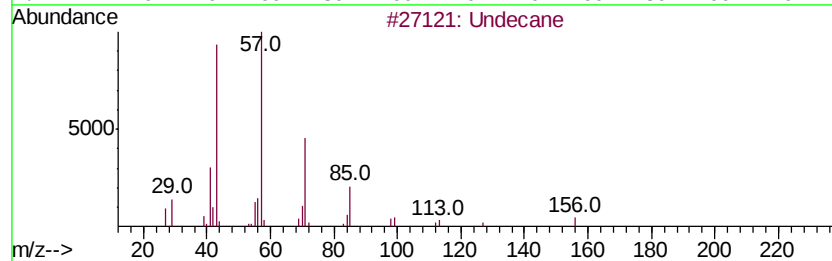
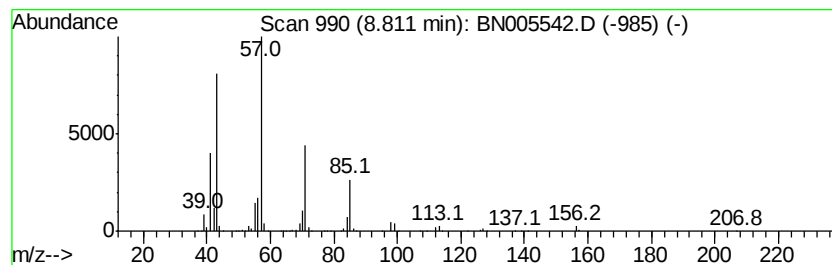
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	43.85 ng/ul	5250980	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Undecane	156	C11H24	001120-21-4	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Undecane	156	C11H24	001120-21-4	87
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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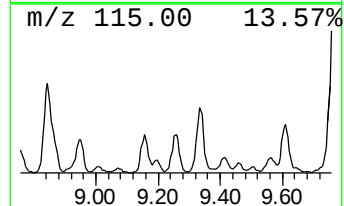
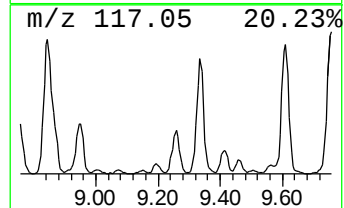
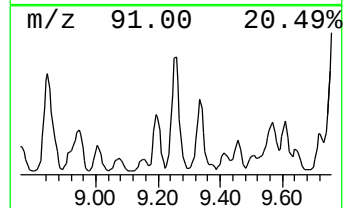
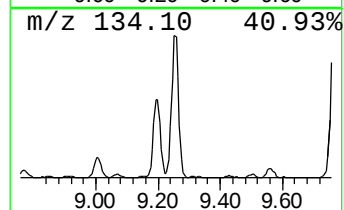
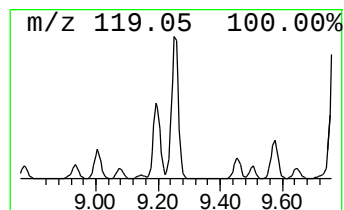
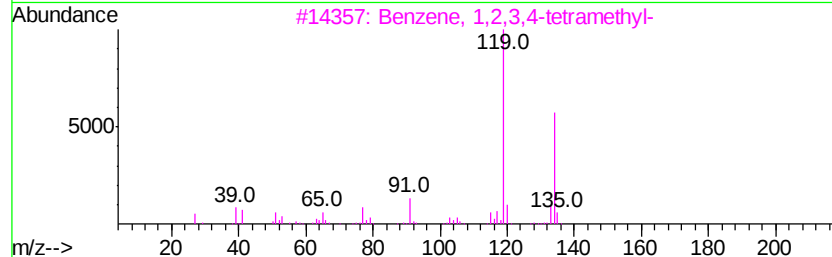
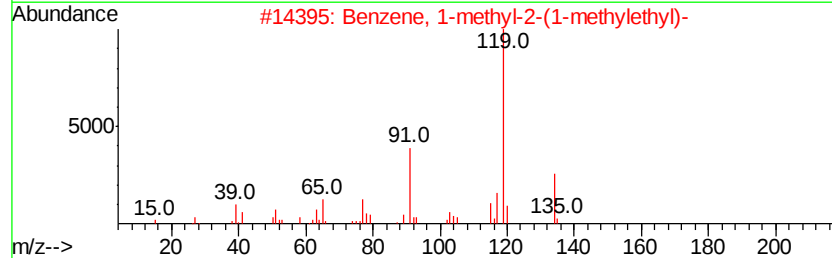
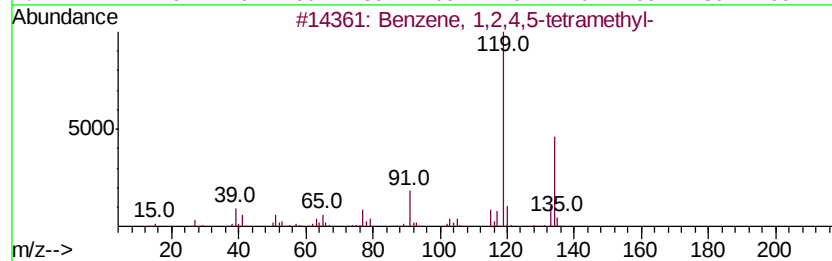
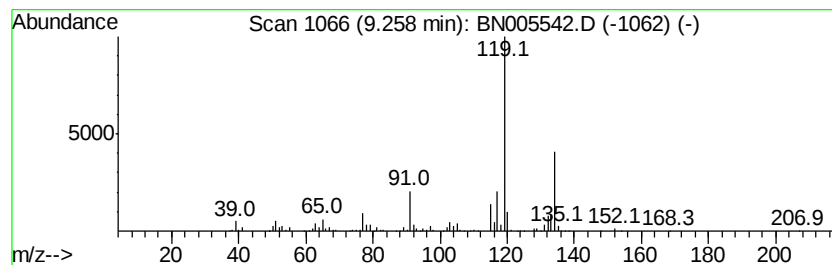
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	3.13 ng/ul	2112600	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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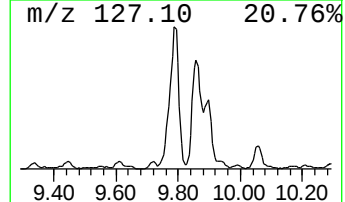
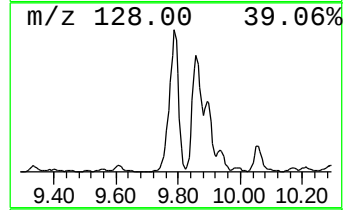
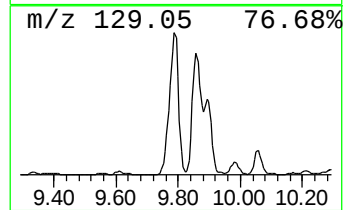
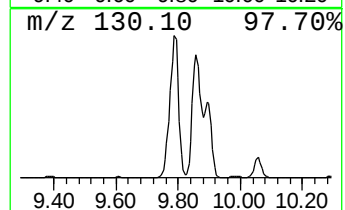
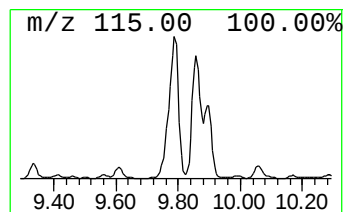
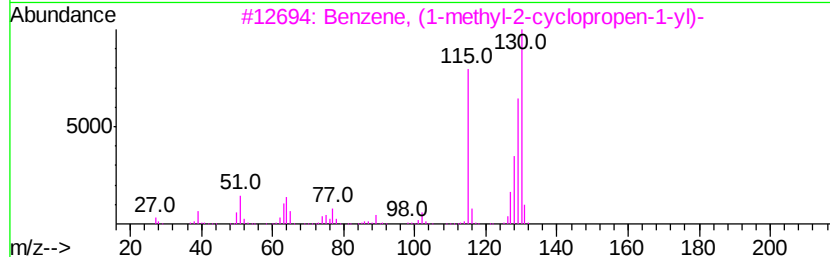
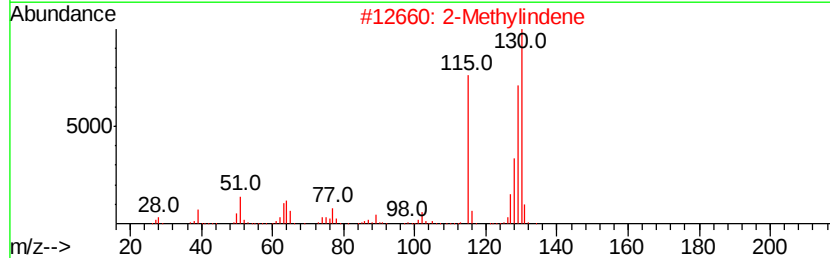
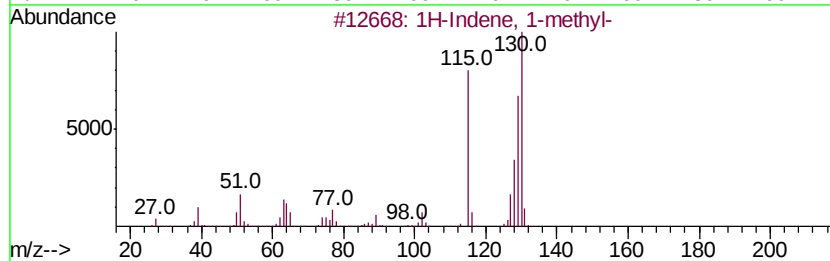
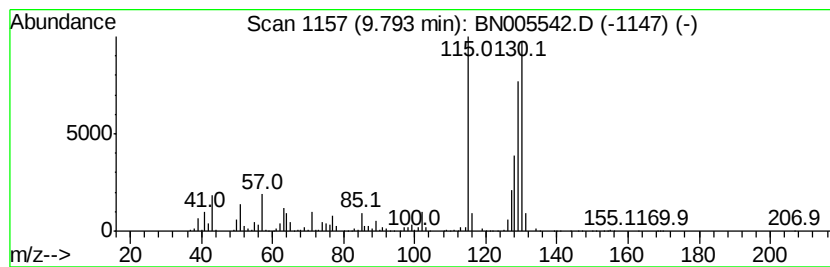
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	13.90 ng/ul	9384840	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		2-Methylindene	130	C10H10	002177-47-1	93
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	93
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
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Sample : K2603-16ME
Misc :
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ClientSampleId :
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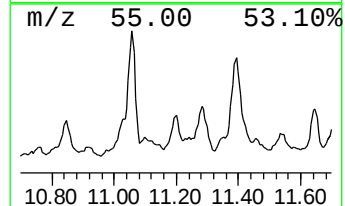
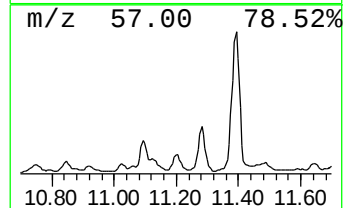
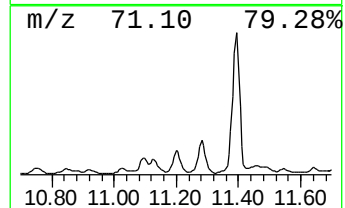
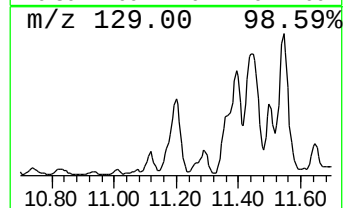
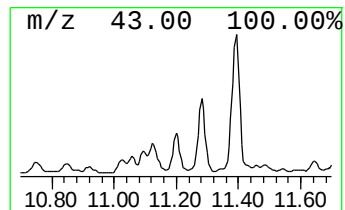
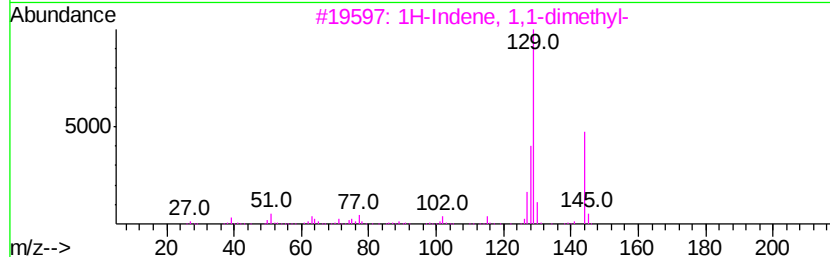
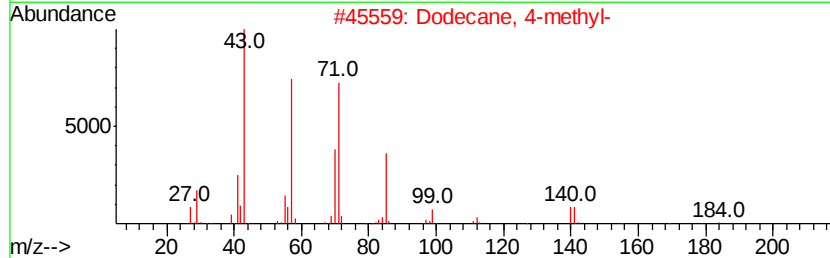
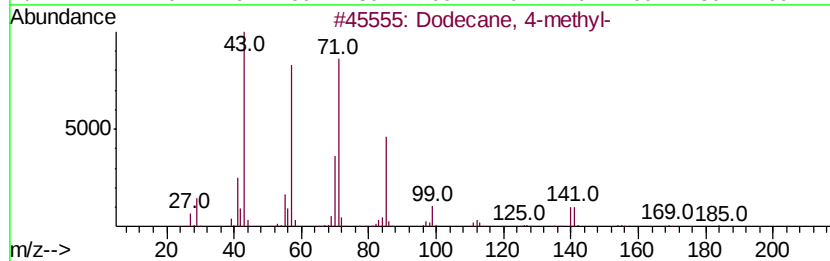
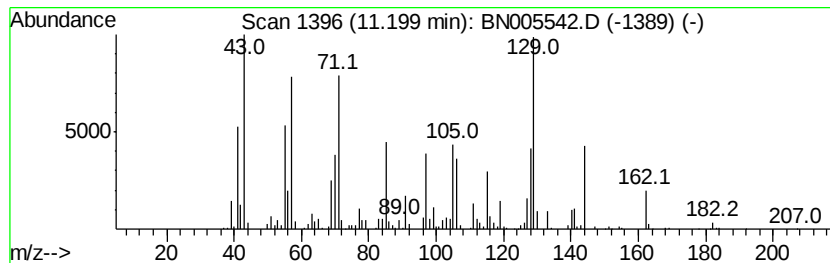
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.23 ng/ul	2177610	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
3		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	42
4		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	42
5		1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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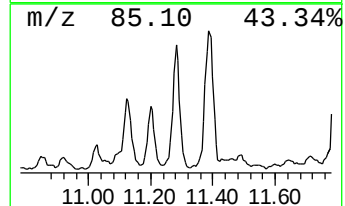
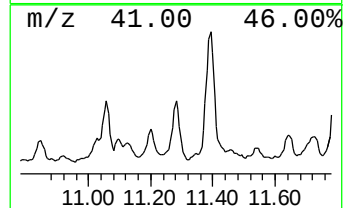
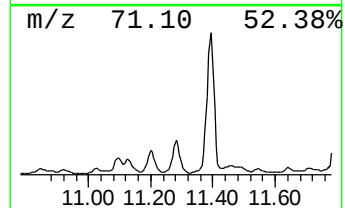
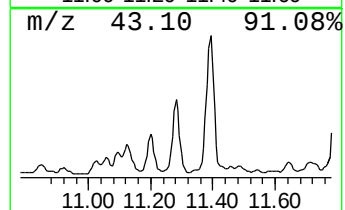
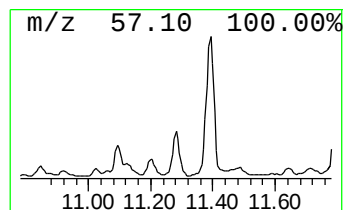
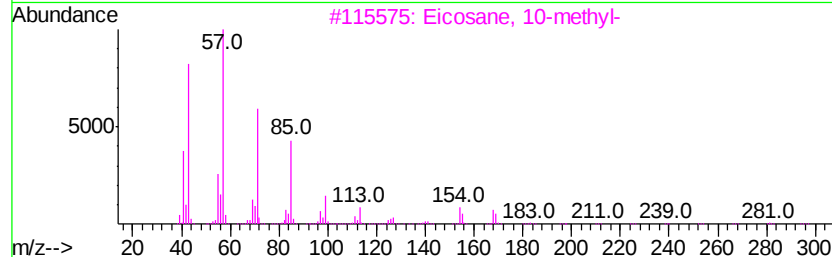
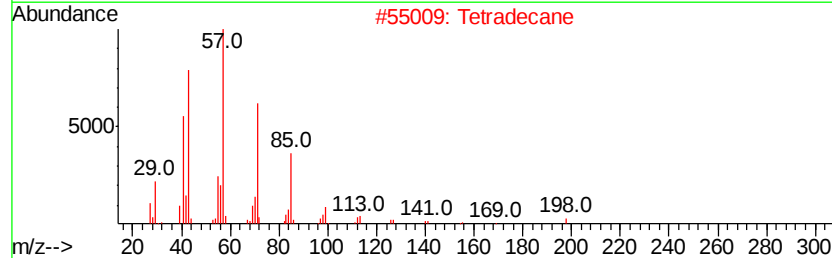
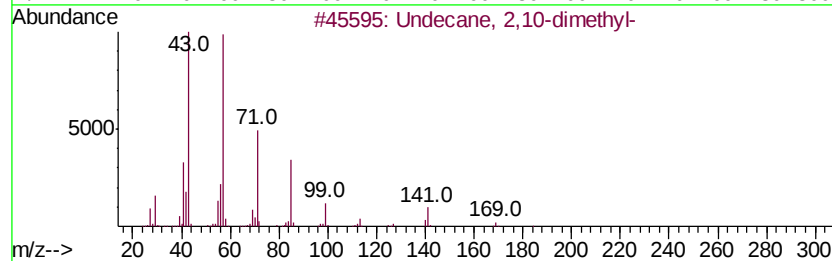
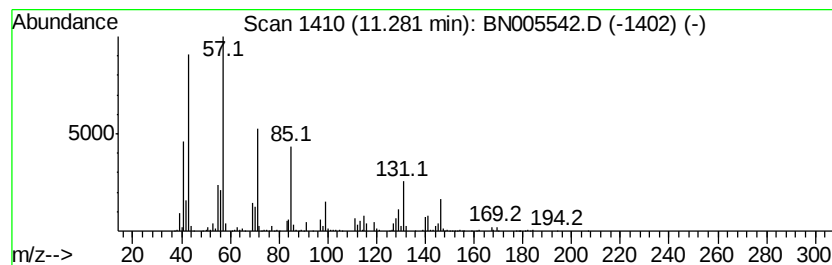
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.94 ng/ul	3334810	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	70
2			Tetradecane	198	C14H30	000629-59-4	58
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4			Tetracosane	338	C24H50	000646-31-1	52
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
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Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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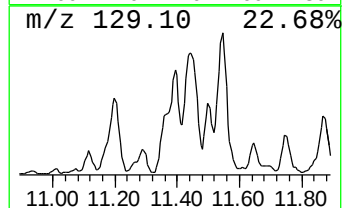
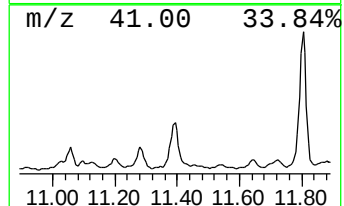
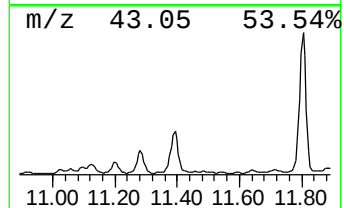
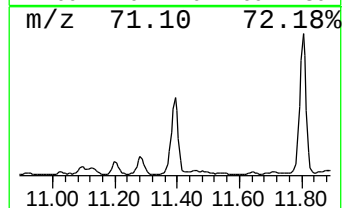
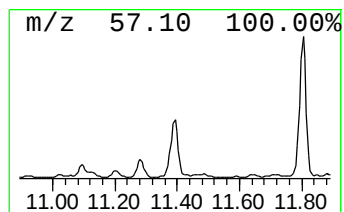
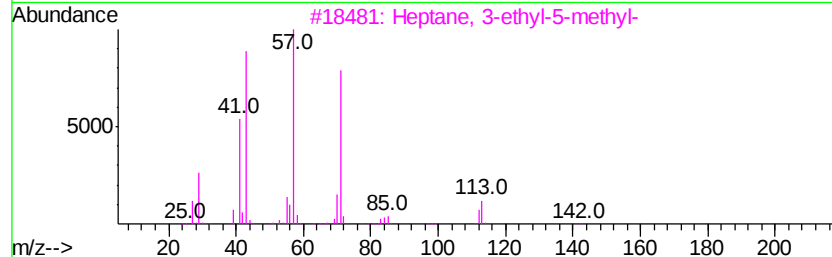
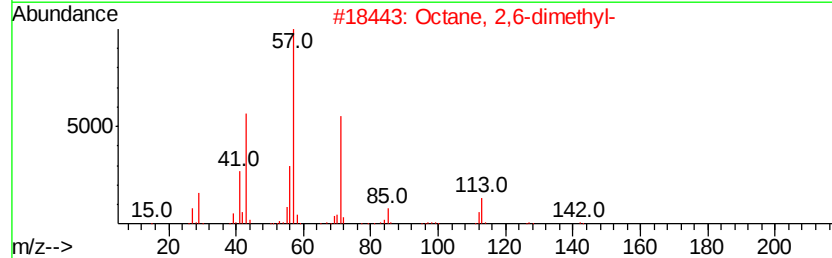
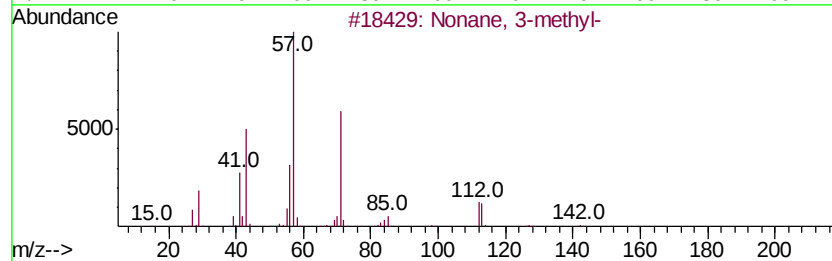
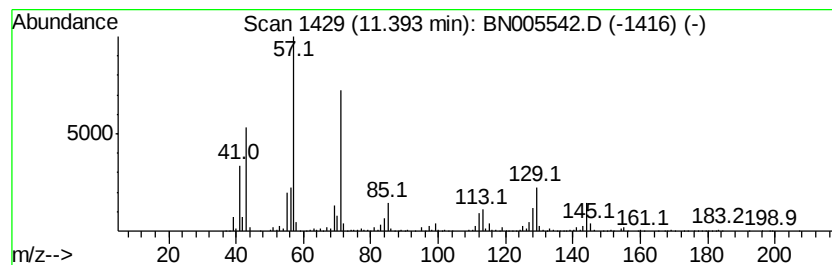
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	12.33 ng/ul	8324720	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	46
5		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
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Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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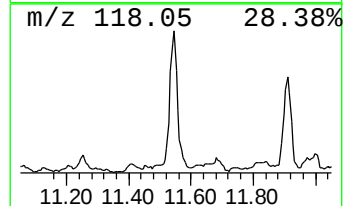
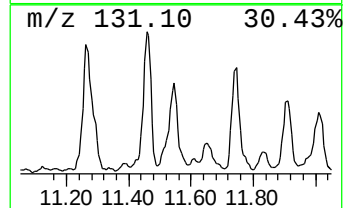
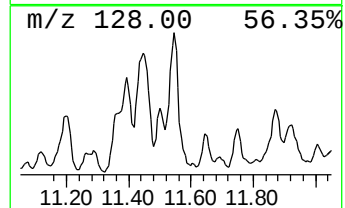
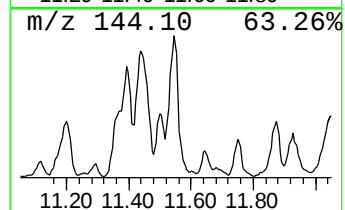
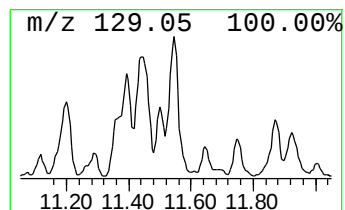
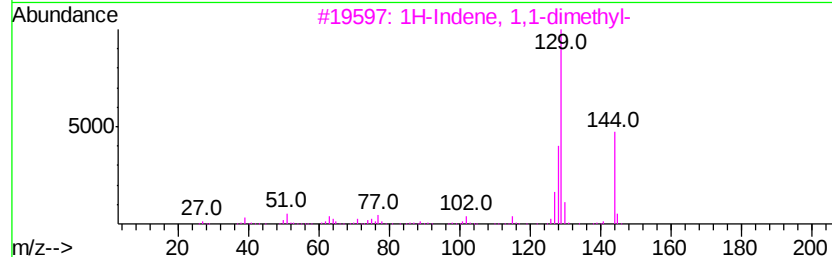
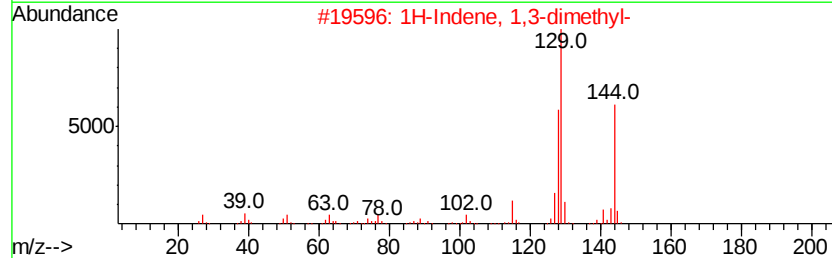
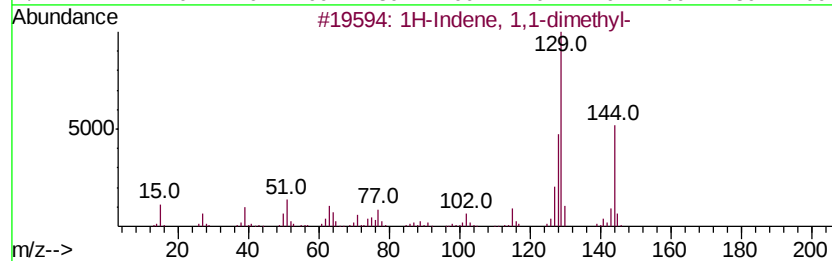
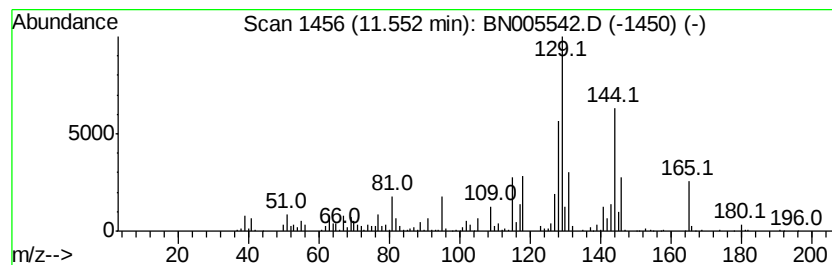
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Indene, 1,1-dimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.31 ng/ul	2907550	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
2		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	83
3		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
4		1H-Cyclopropa[blnaphthalene, 1a,...	144	C11H12	006571-72-8	64
5		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

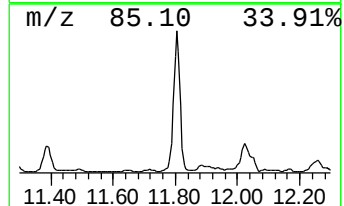
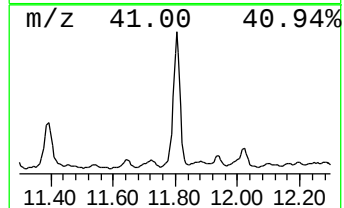
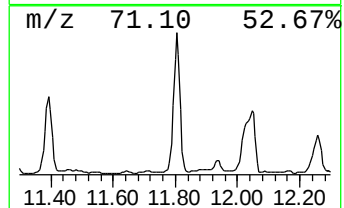
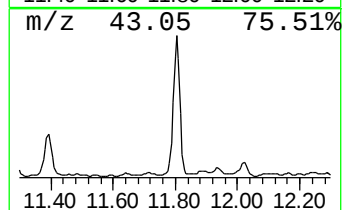
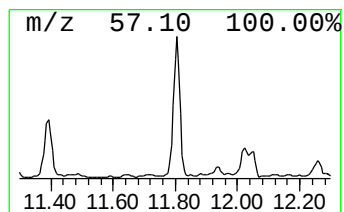
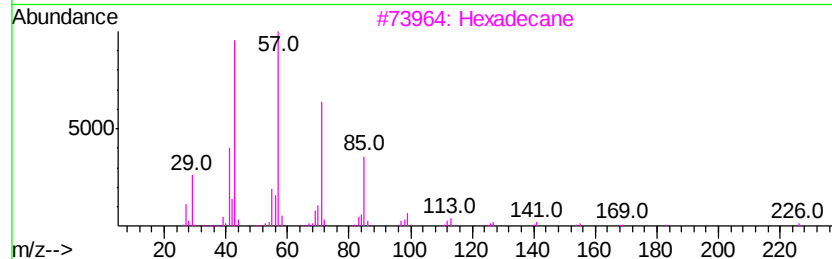
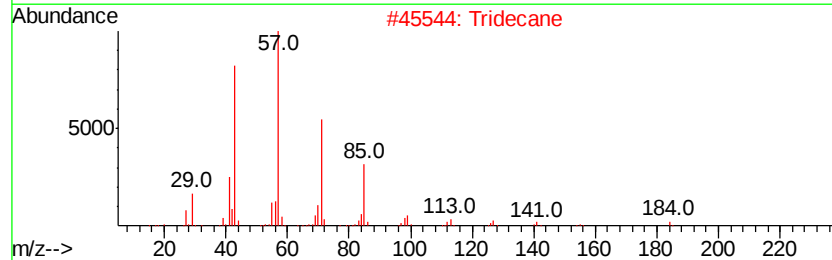
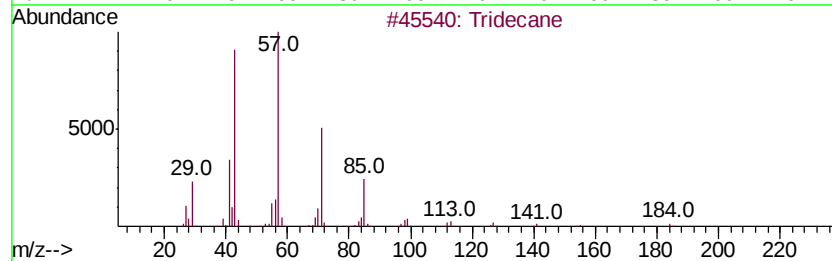
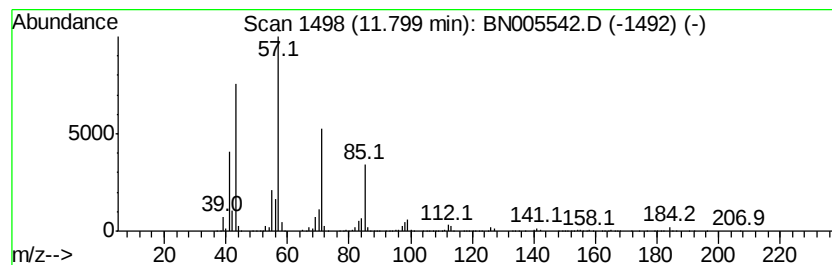
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	19.08 ng/ul	12881600	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tridecane	184	C13H28	000629-50-5	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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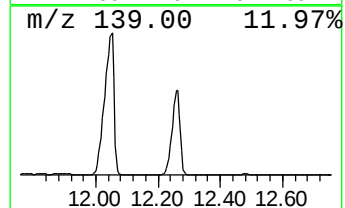
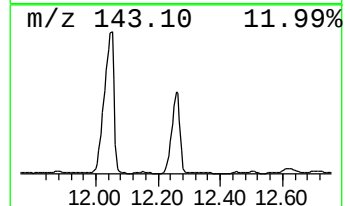
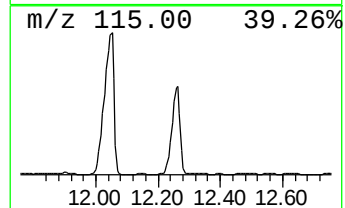
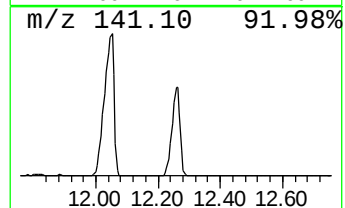
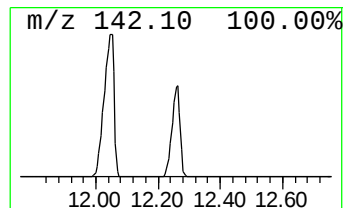
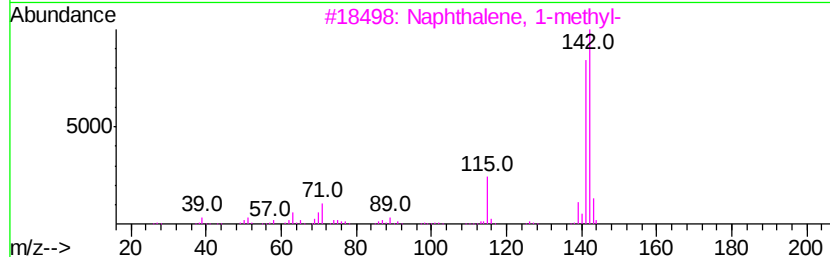
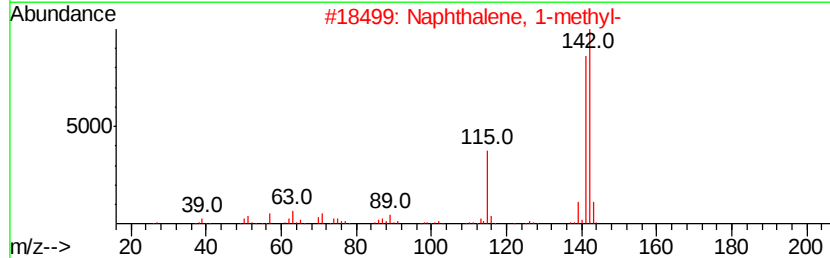
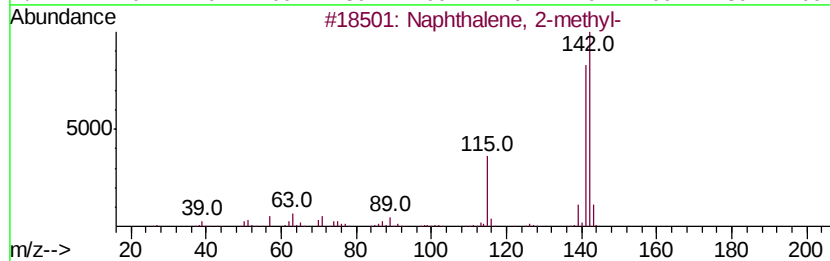
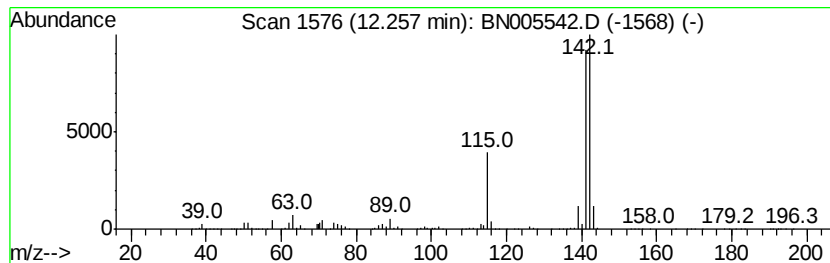
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	50.83 ng/ul	34317900	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
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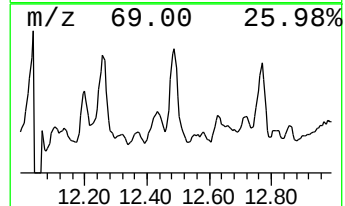
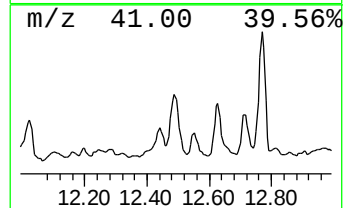
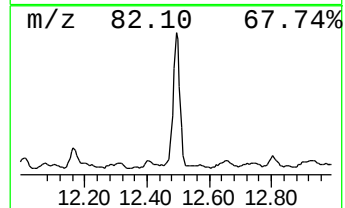
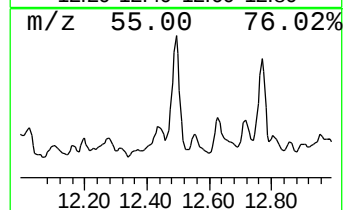
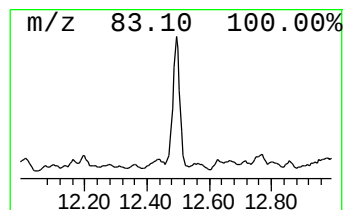
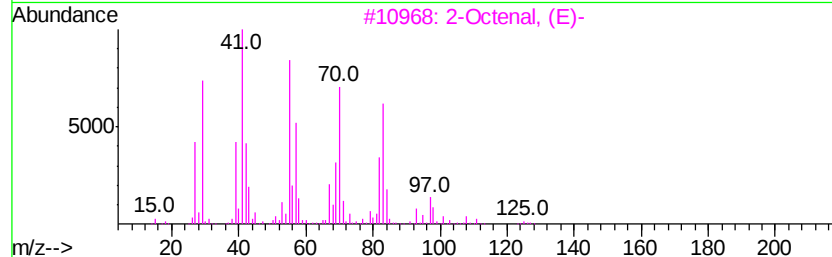
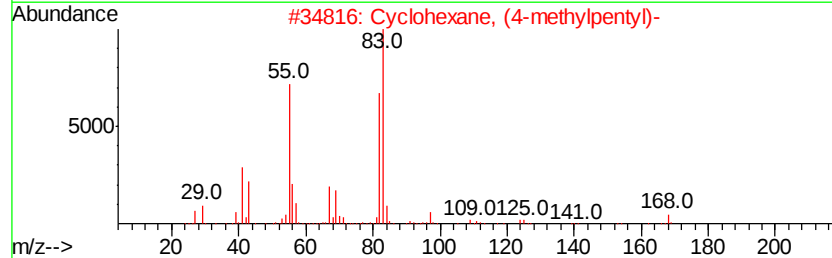
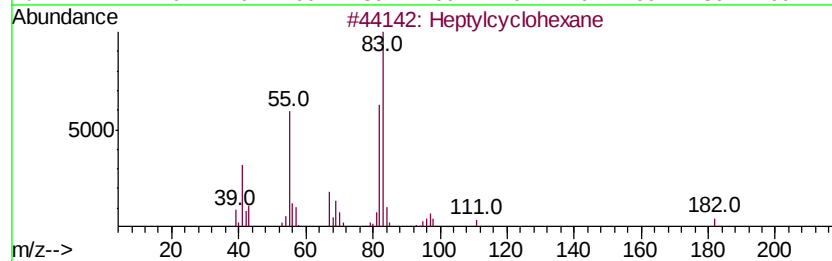
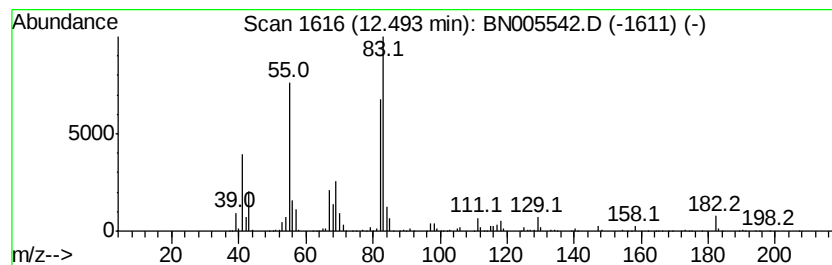
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic12.49 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.04 ng/ul	3839600	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptylcyclohexane	182 C13H26	005617-41-4 64
2		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 59
3		2-Octenal, (E)-	126 C8H14O	002548-87-0 53
4		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 52
5		Cyclohexane, propyl-	126 C9H18	001678-92-8 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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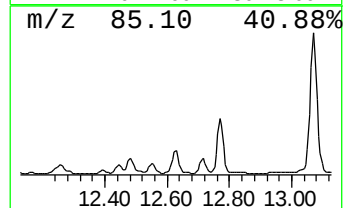
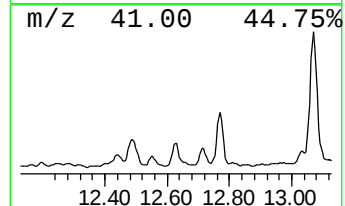
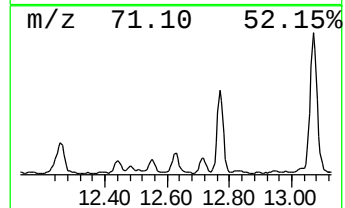
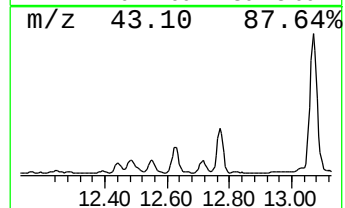
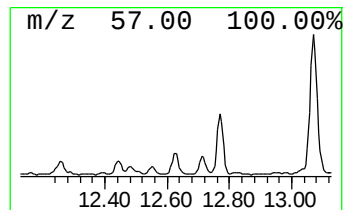
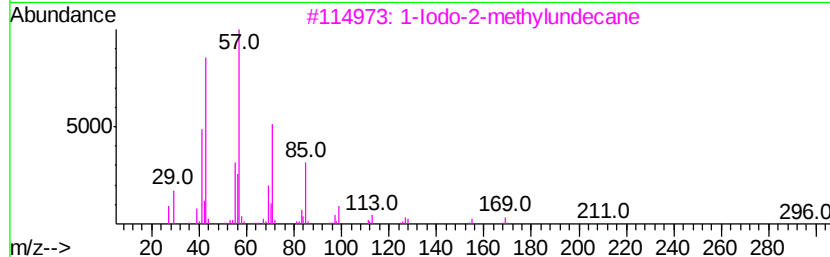
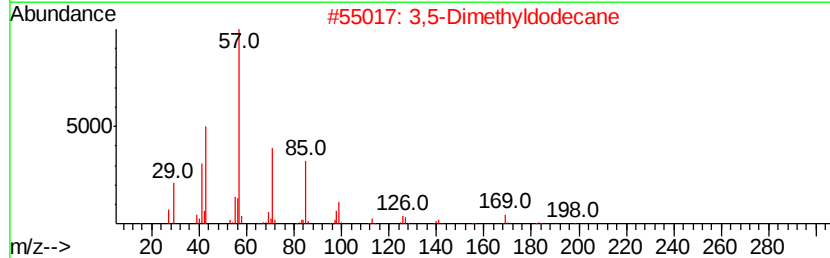
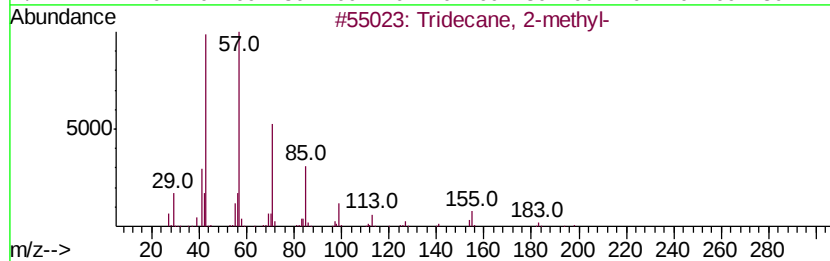
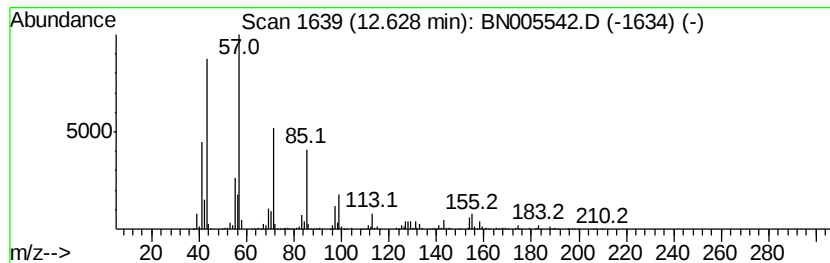
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.14 ng/ul	3352740	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	74
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	68
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

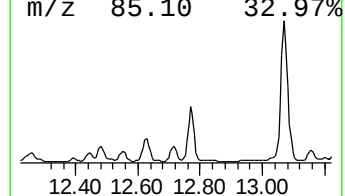
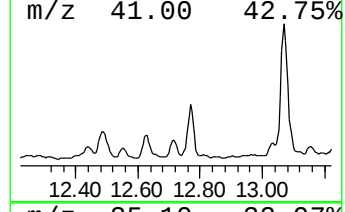
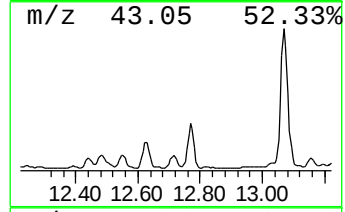
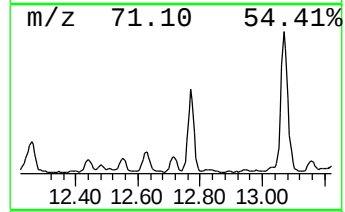
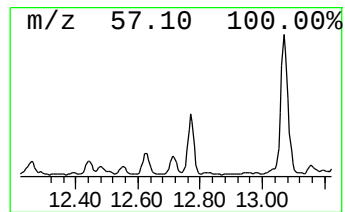
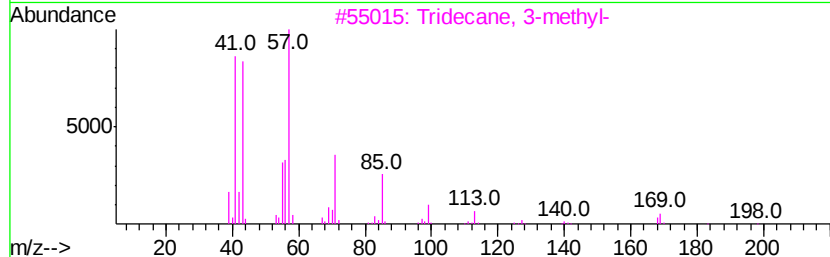
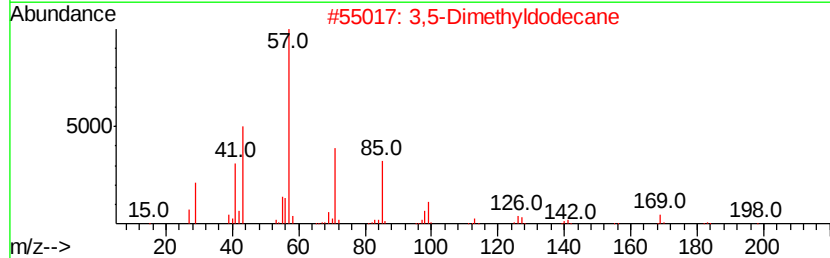
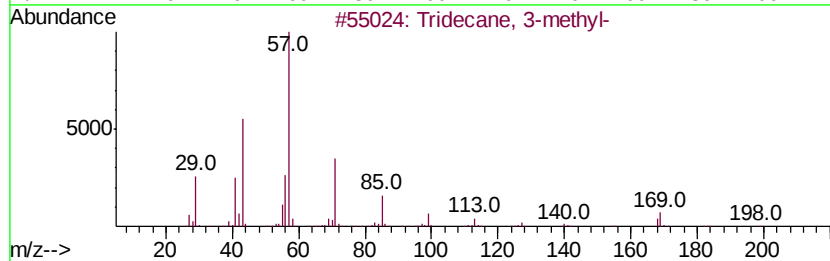
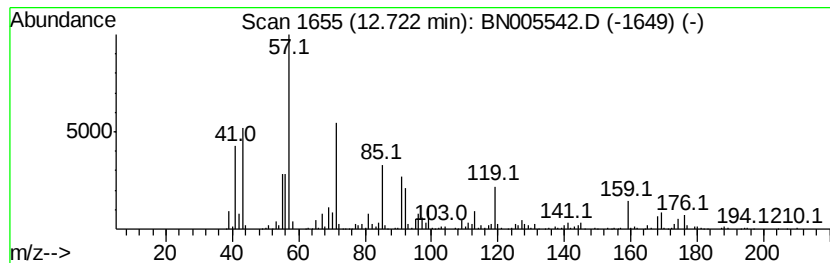
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.51 ng/ul	2461360	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	96
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	89
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	76
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
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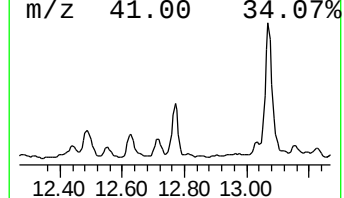
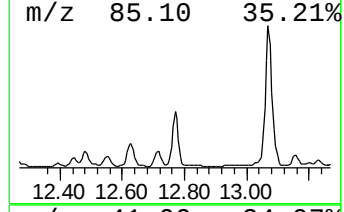
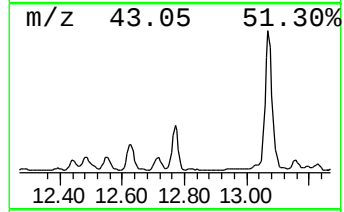
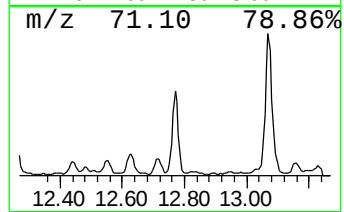
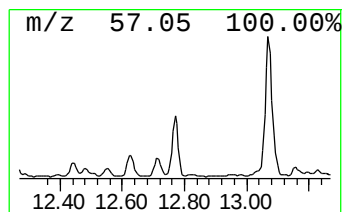
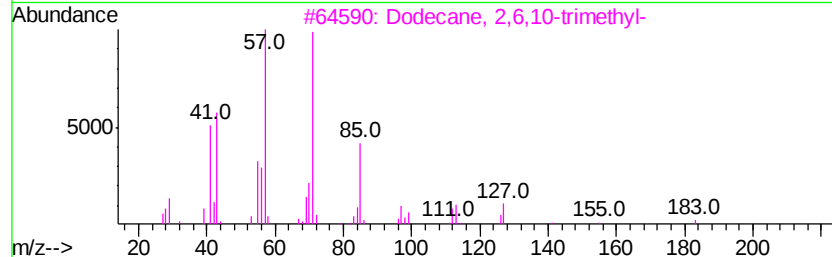
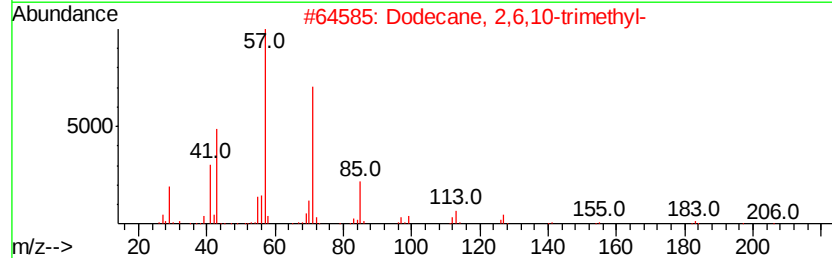
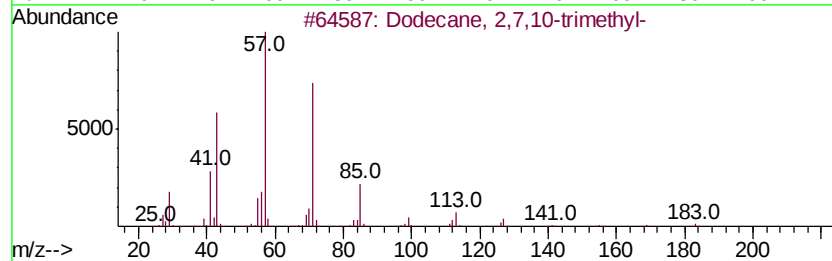
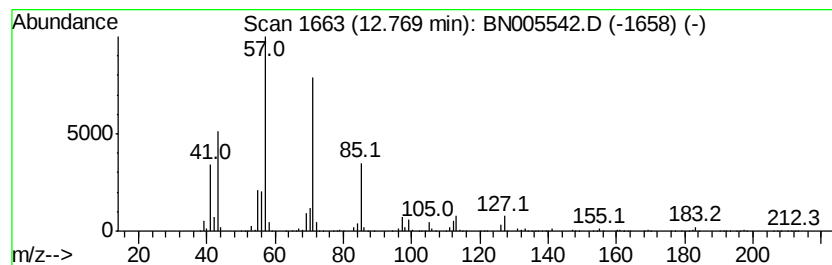
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	9.49 ng/ul	5181250	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

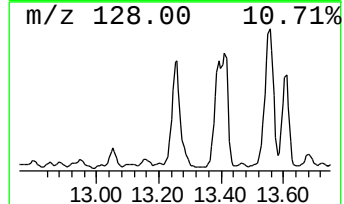
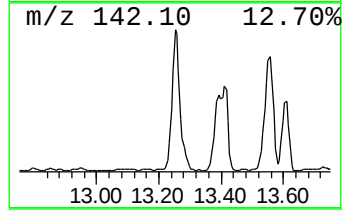
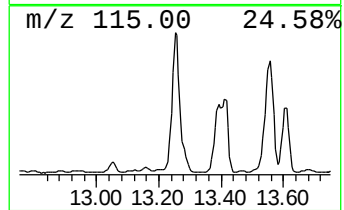
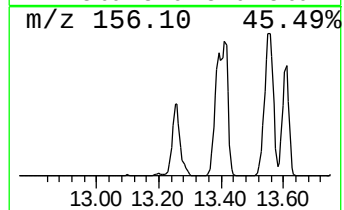
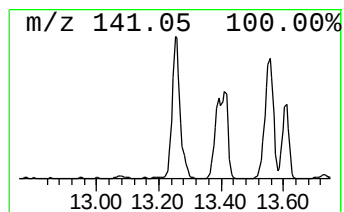
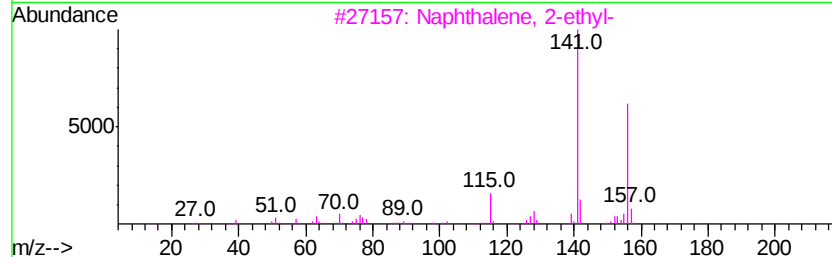
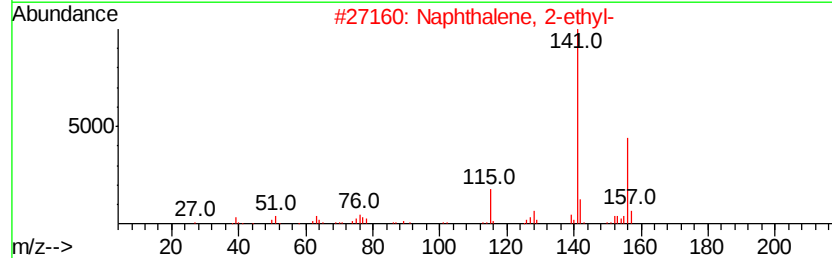
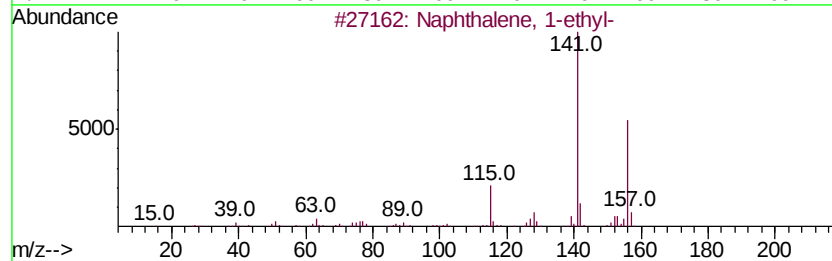
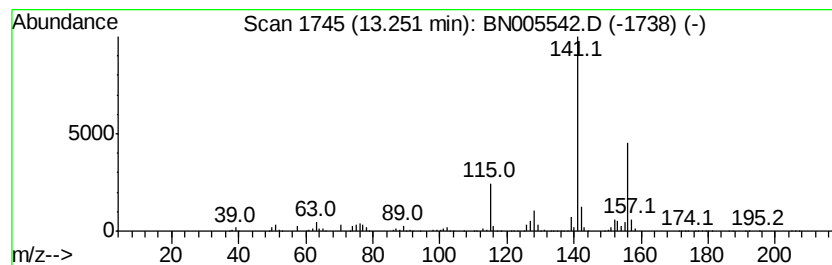
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	37.71 ng/ul	20578400	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

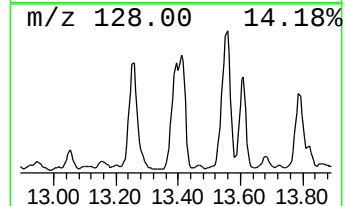
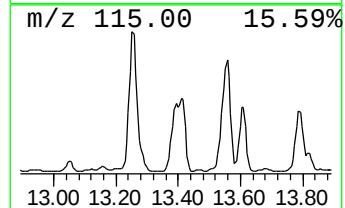
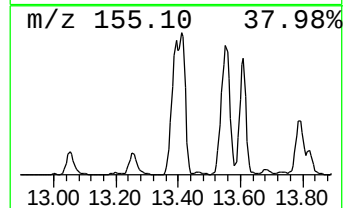
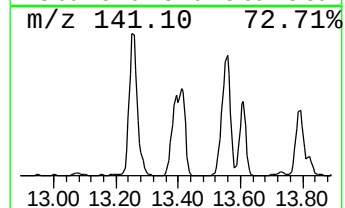
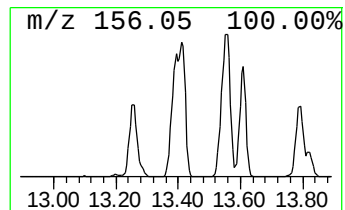
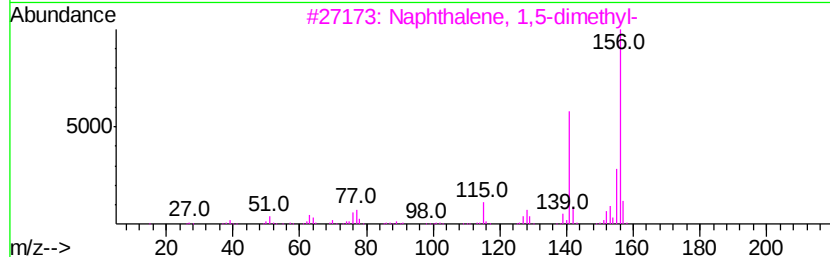
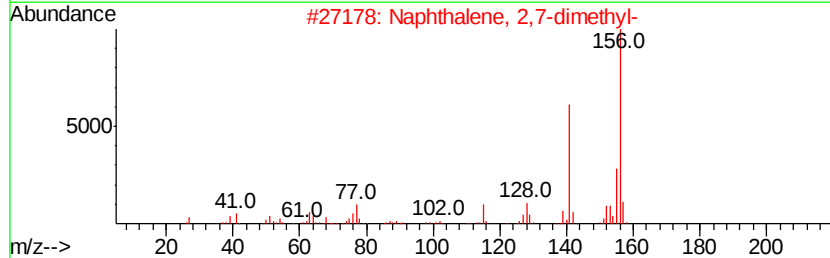
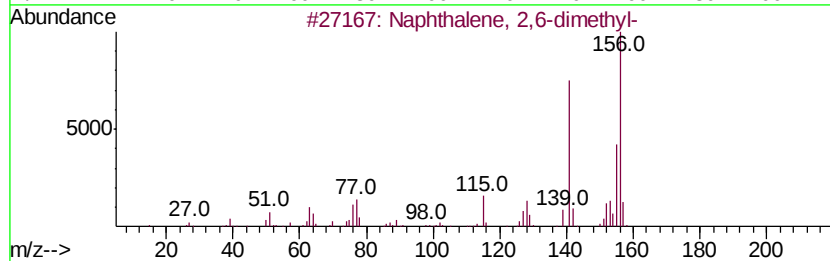
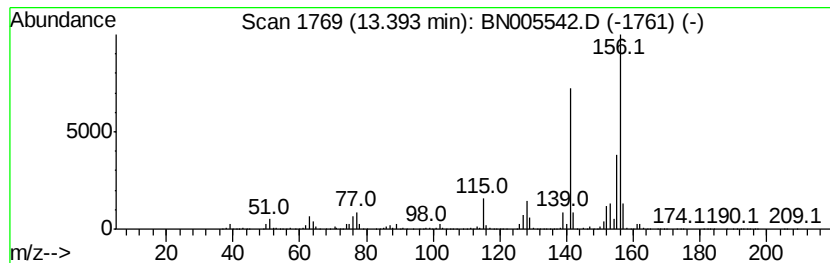
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	28.43 ng/ul	15513700	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

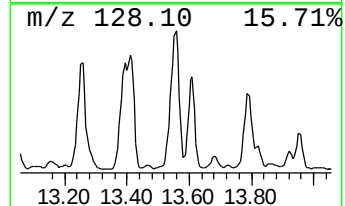
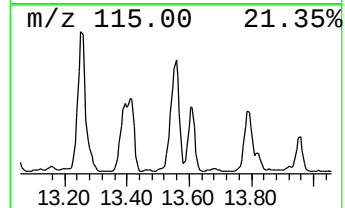
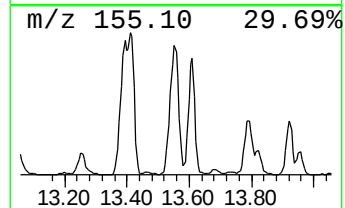
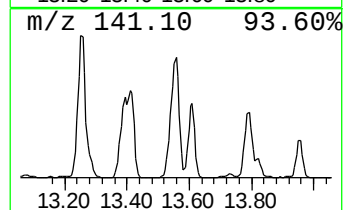
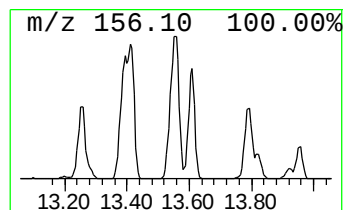
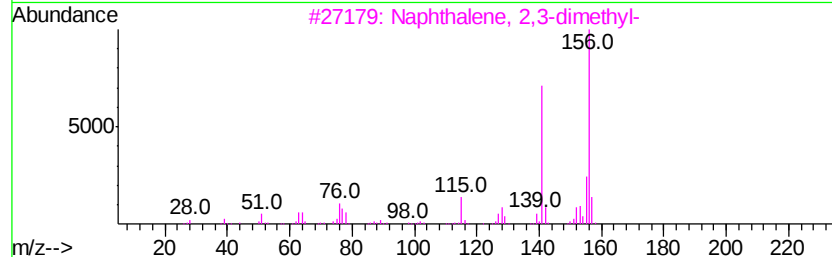
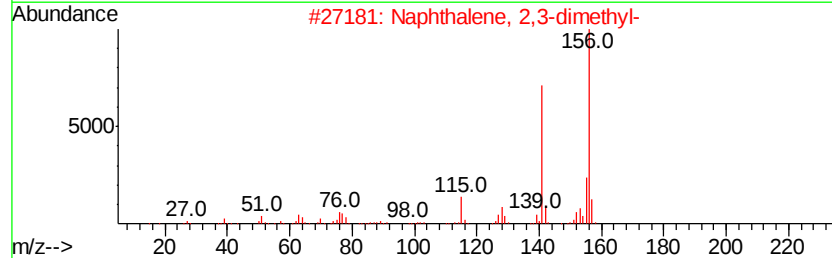
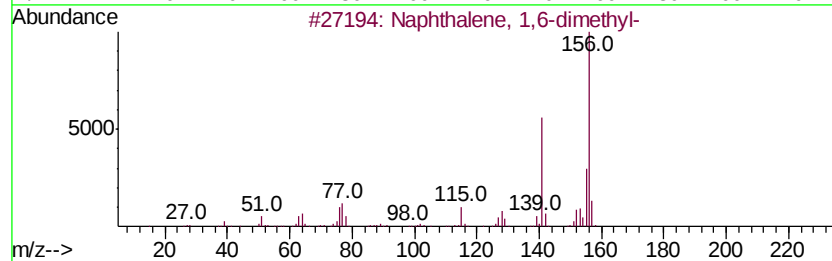
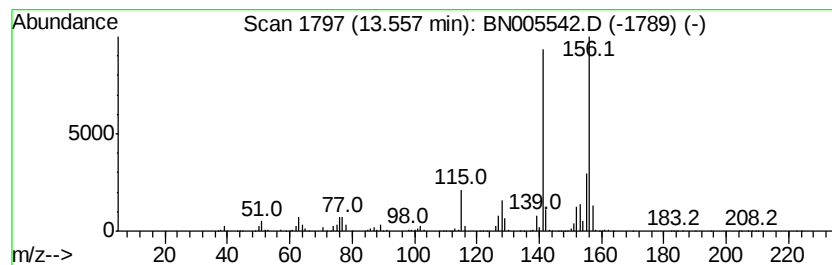
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	43.47 ng/ul	23724700	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

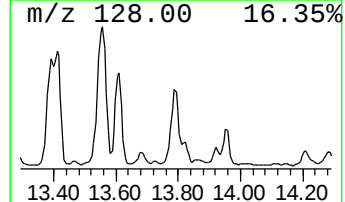
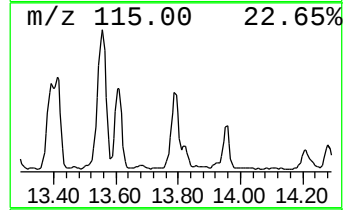
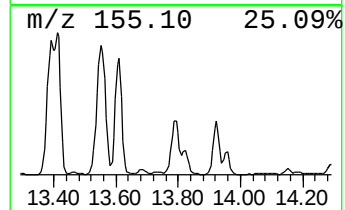
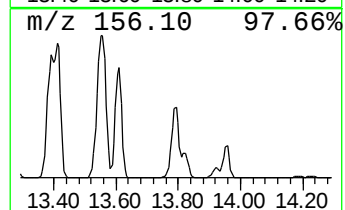
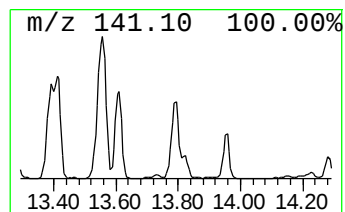
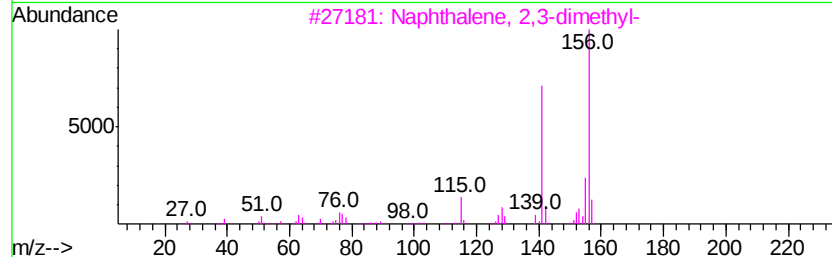
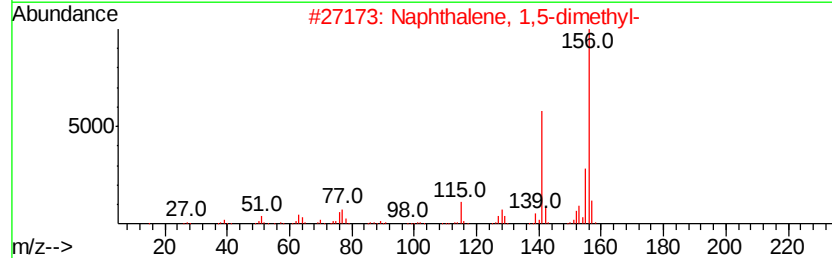
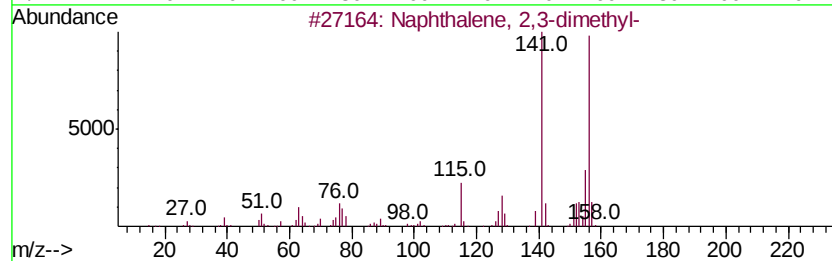
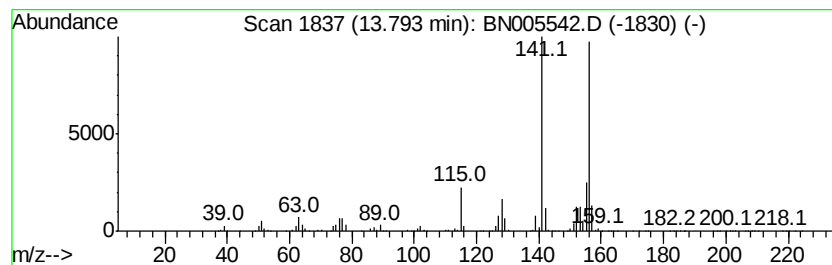
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	21.37 ng/ul	11663500	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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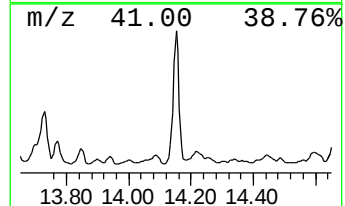
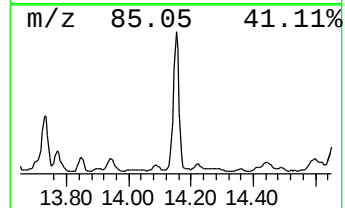
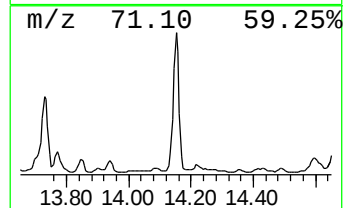
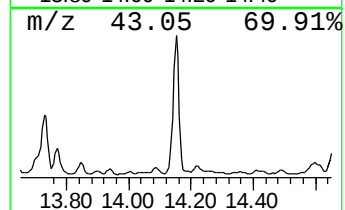
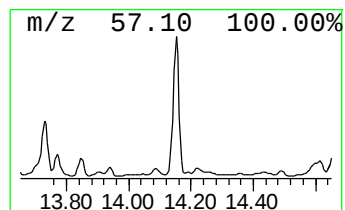
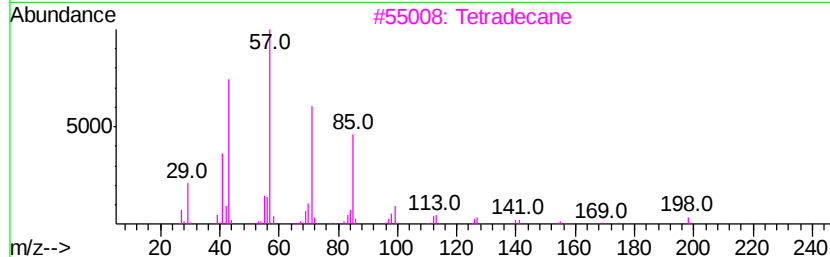
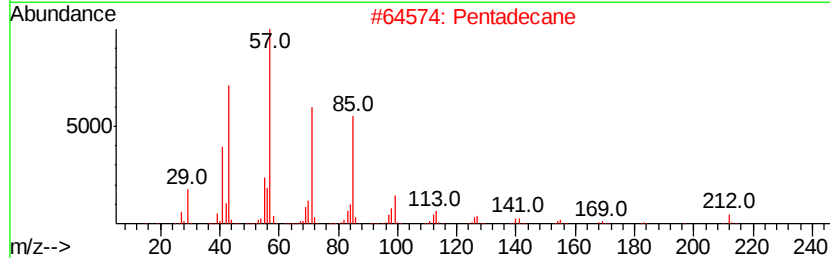
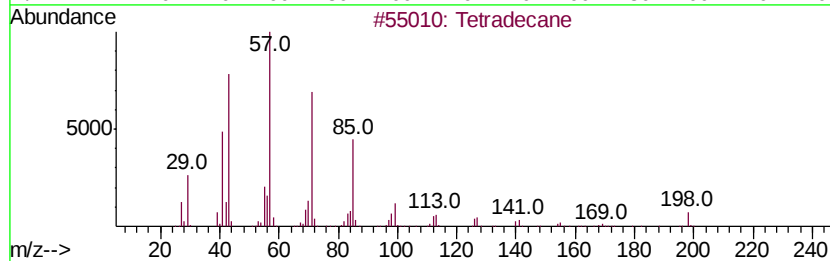
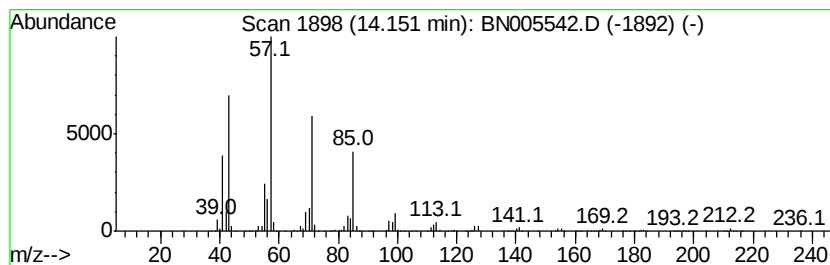
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	27.14 ng/ul	14810000	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Pentadecane	212	C15H32	000629-62-9	95
3		Tetradecane	198	C14H30	000629-59-4	95
4		Tetradecane	198	C14H30	000629-59-4	94
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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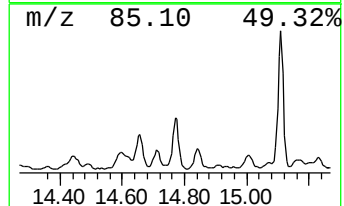
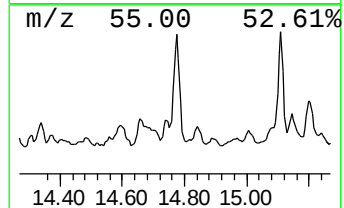
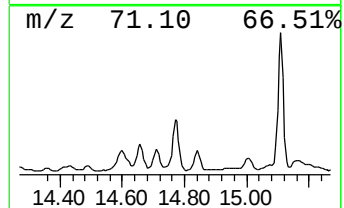
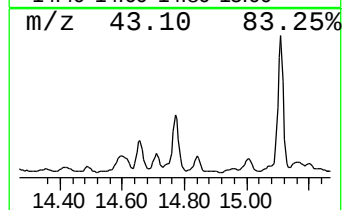
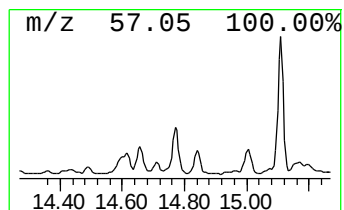
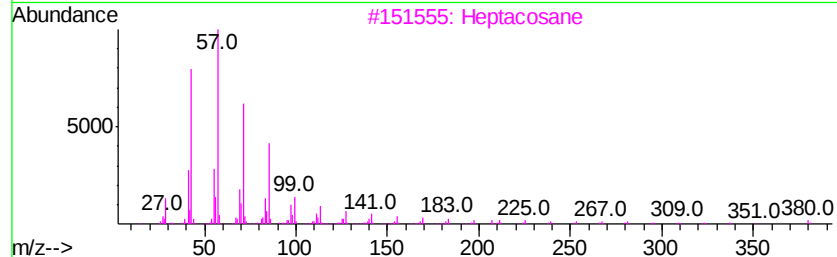
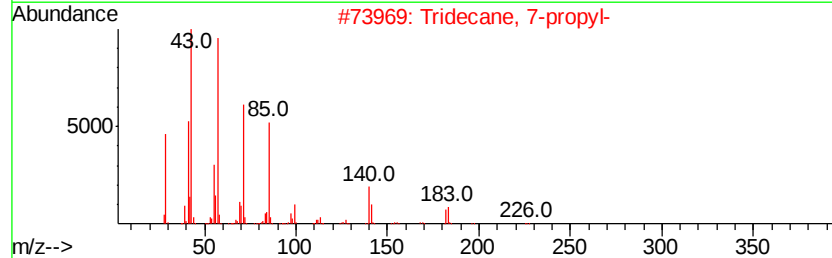
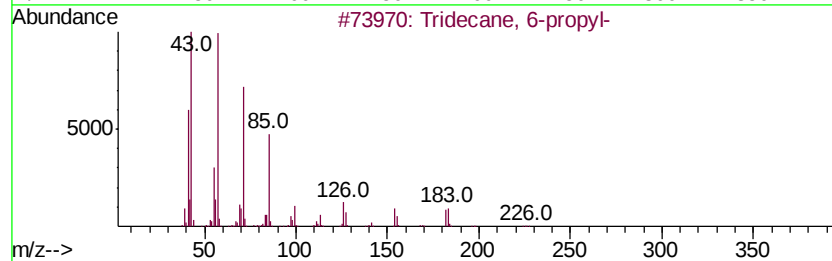
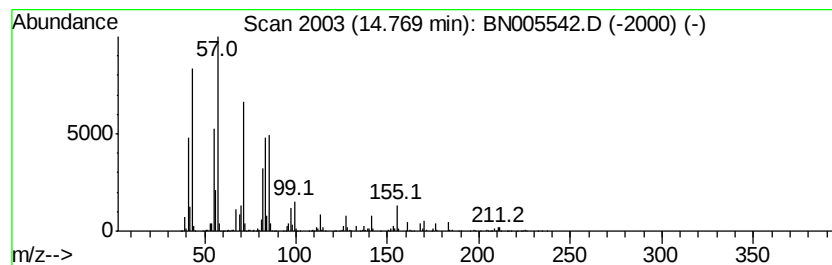
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	10.58 ng/ul	5773890	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	55
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	52
3		Heptacosane	380	C27H56	000593-49-7	43
4		Dodecane	170	C12H26	000112-40-3	41
5		Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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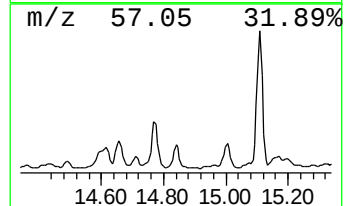
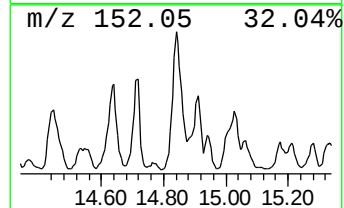
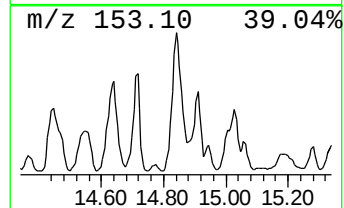
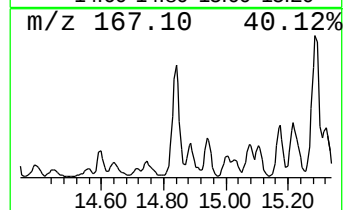
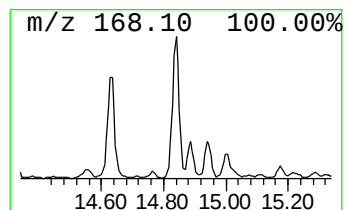
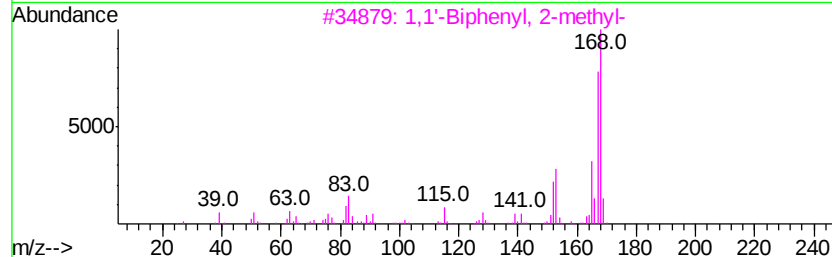
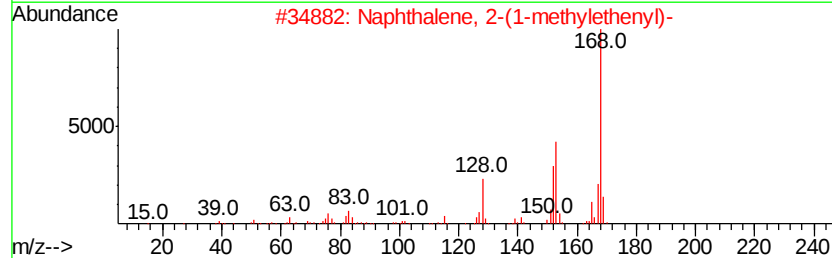
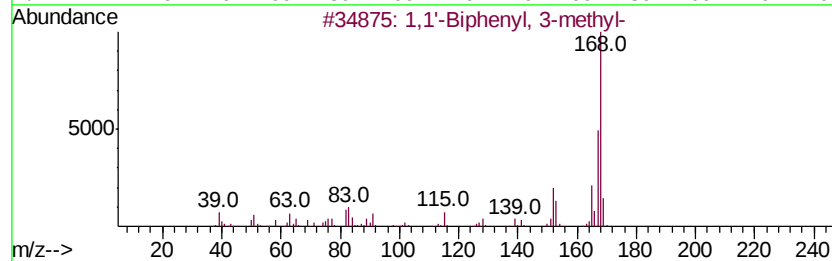
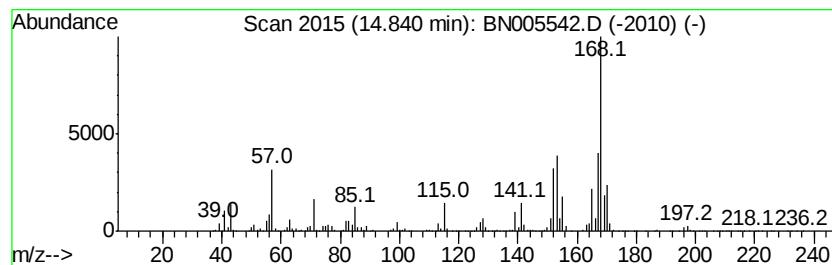
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	18.88 ng/ul	10305700	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
2			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

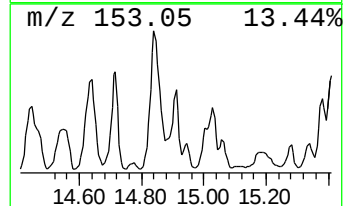
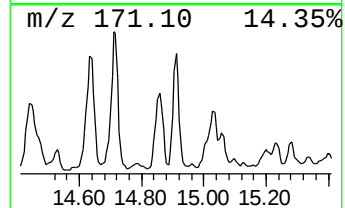
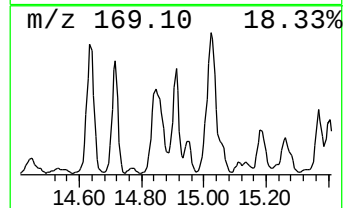
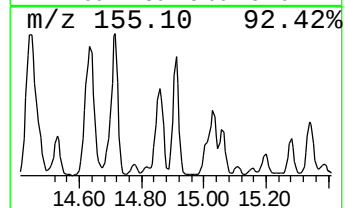
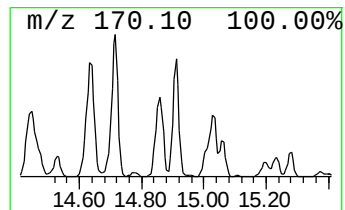
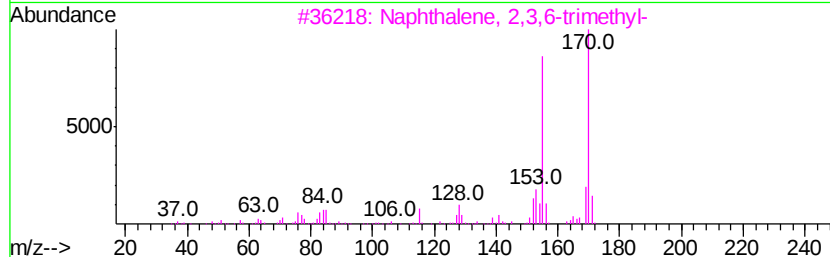
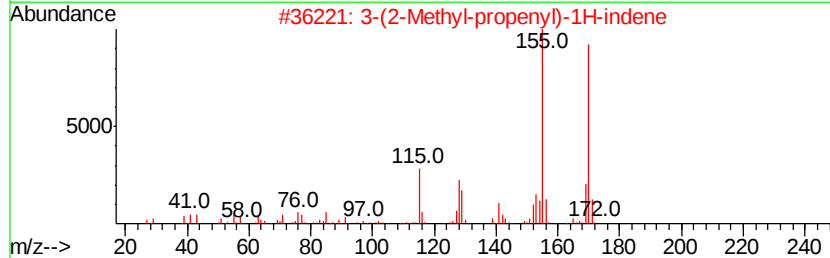
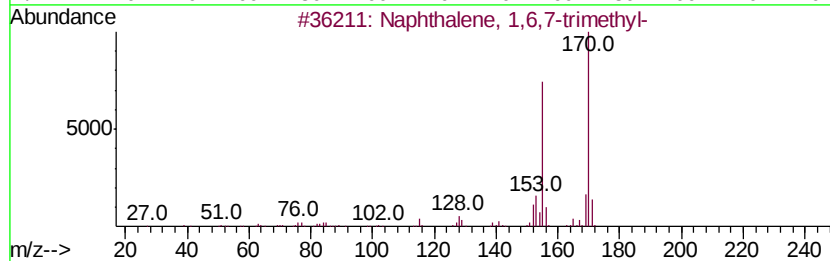
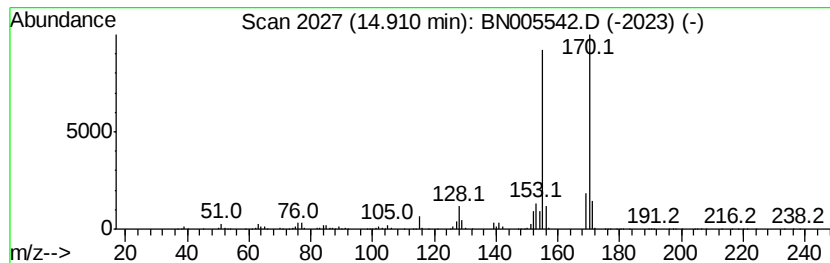
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Naphthalene, 1,6,7-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	7.91 ng/ul	4314500	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

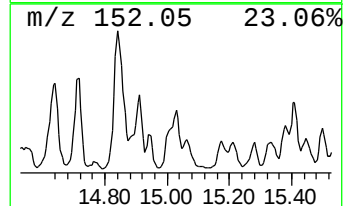
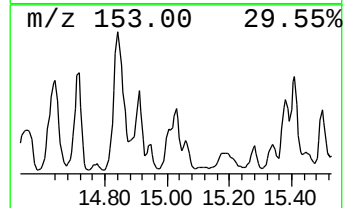
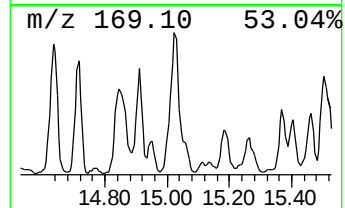
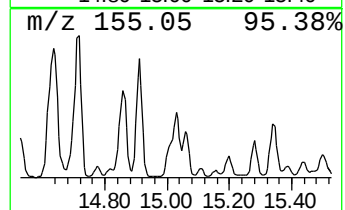
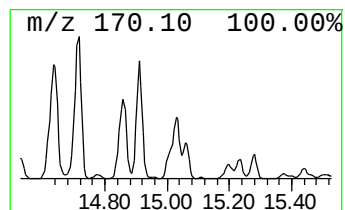
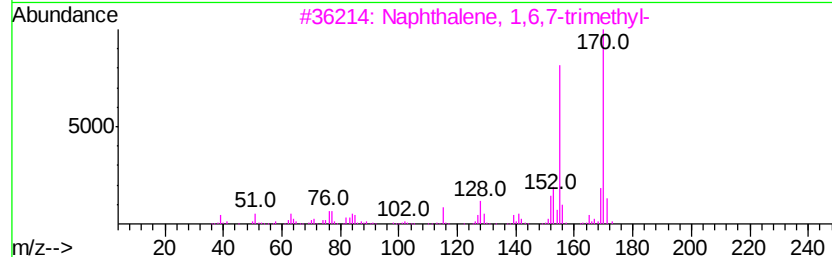
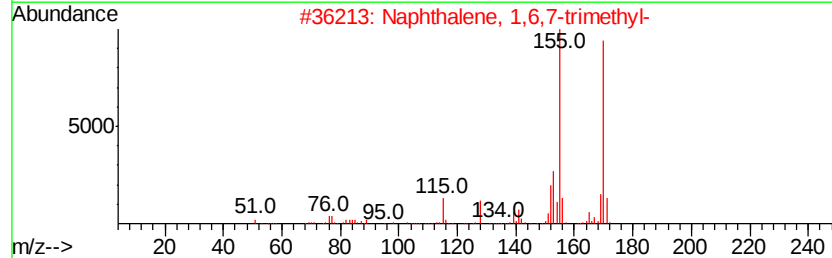
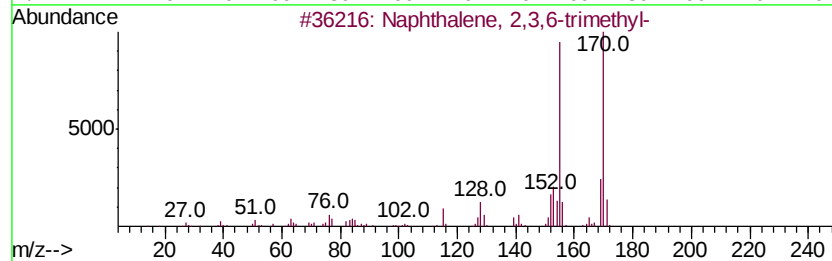
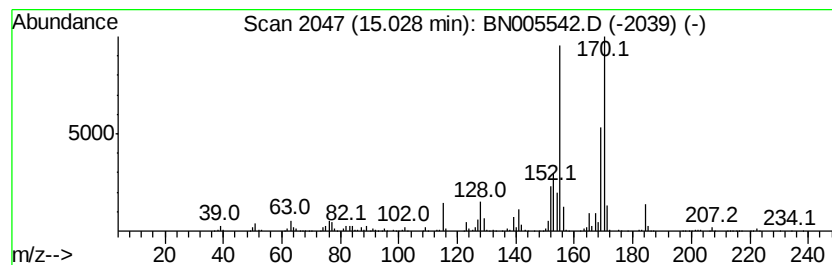
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	11.58 ng/ul	6318540	Acenaphthene-d10	14.23

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	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

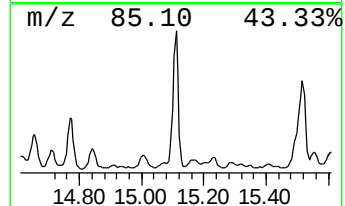
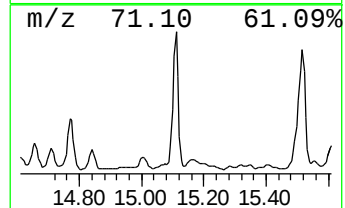
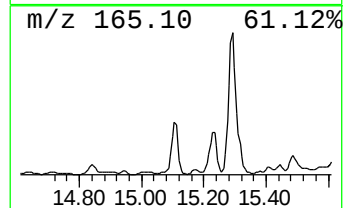
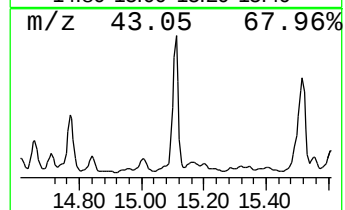
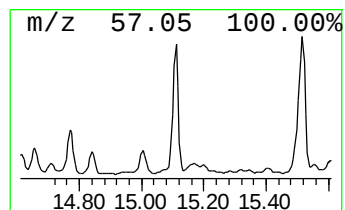
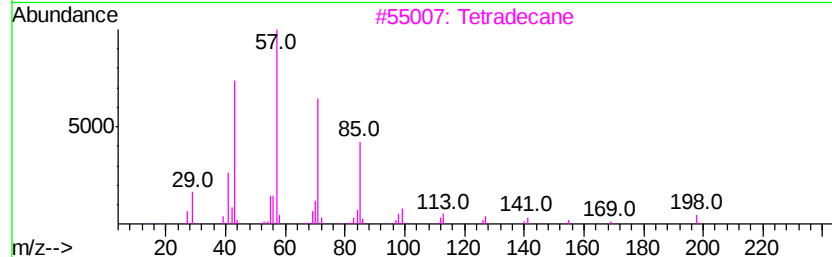
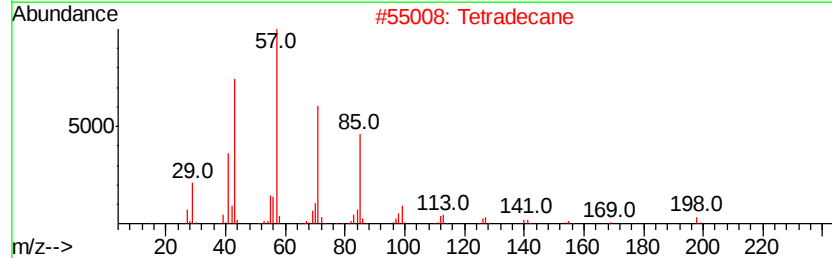
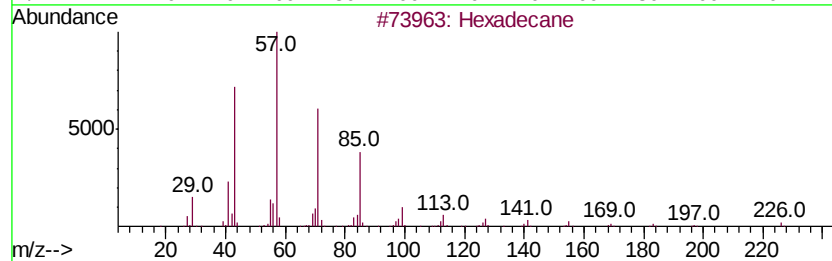
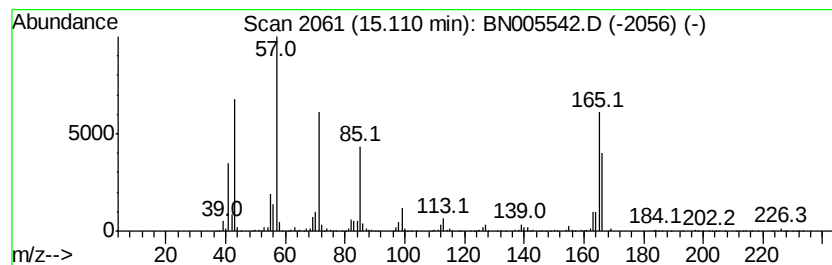
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	21.53 ng/ul	11749600	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Tetradecane	198	C14H30	000629-59-4	45
3		Tetradecane	198	C14H30	000629-59-4	45
4		Pentadecane	212	C15H32	000629-62-9	45
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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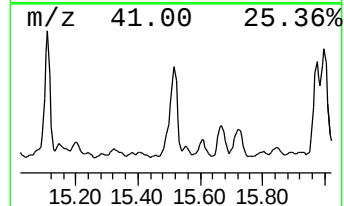
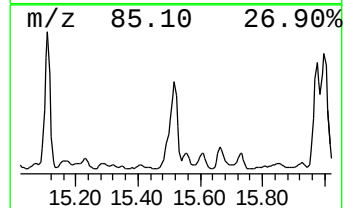
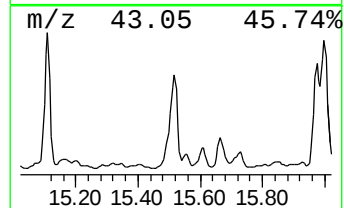
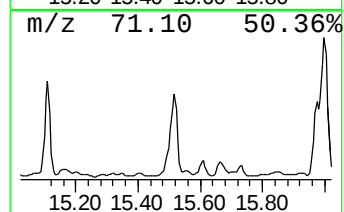
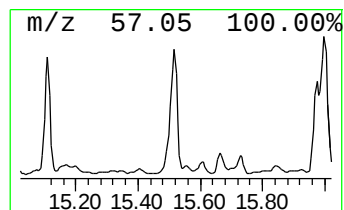
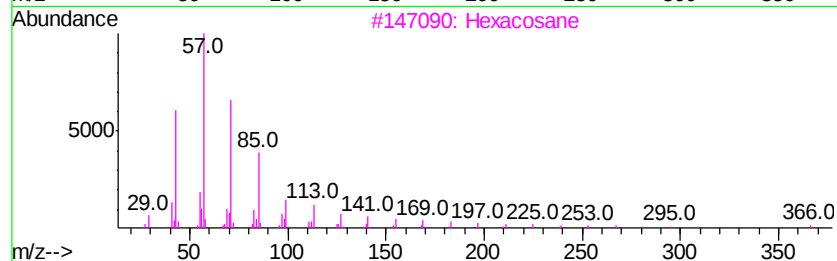
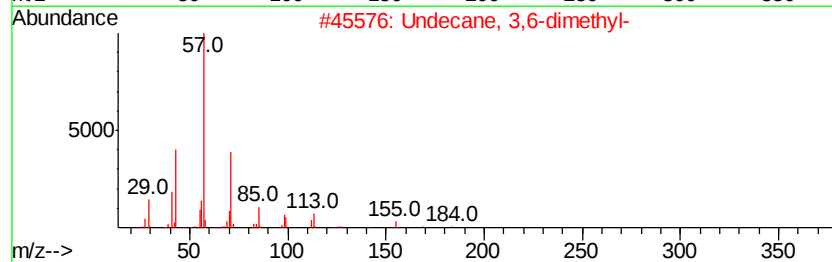
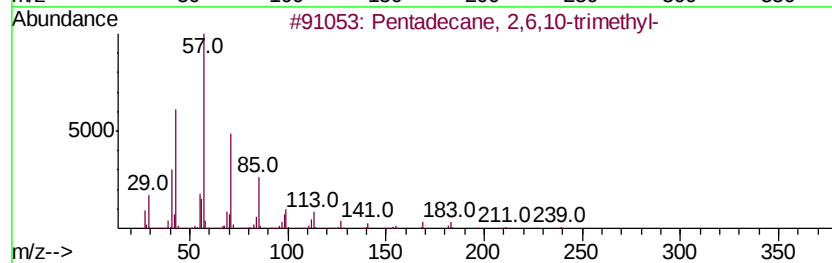
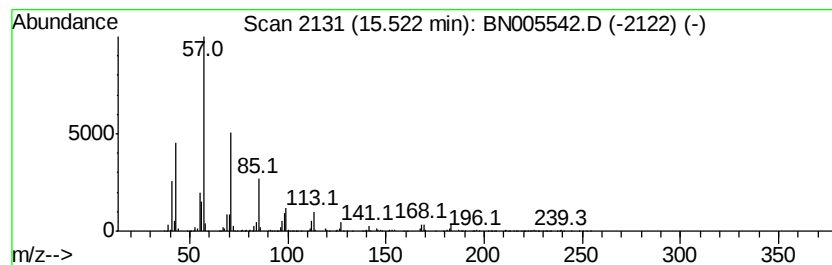
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	22.99 ng/ul	12546400	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	98
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3		Hexacosane	366	C26H54	000630-01-3	72
4		Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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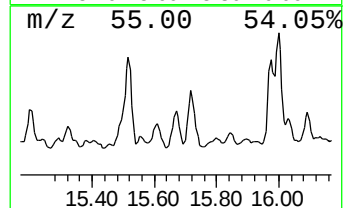
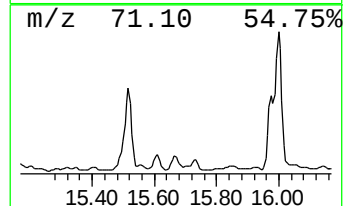
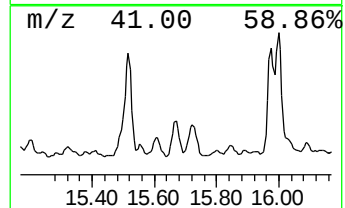
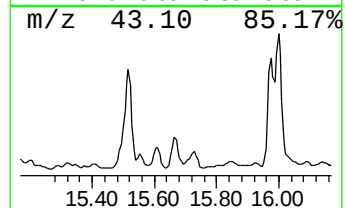
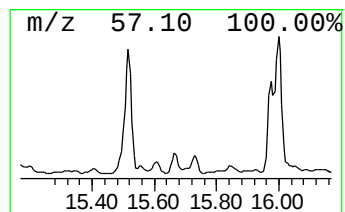
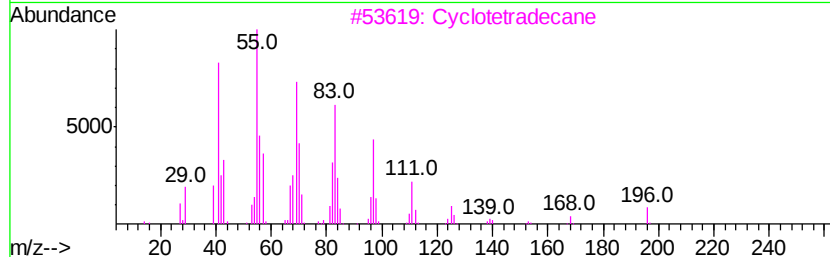
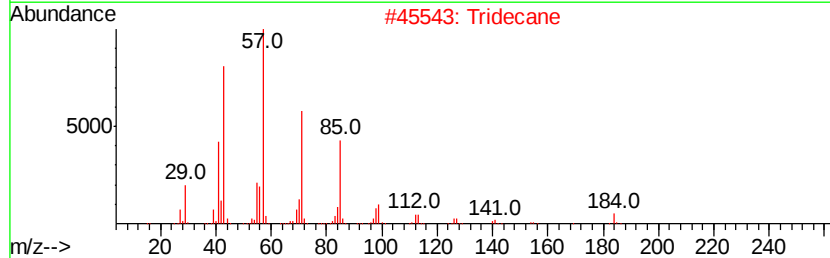
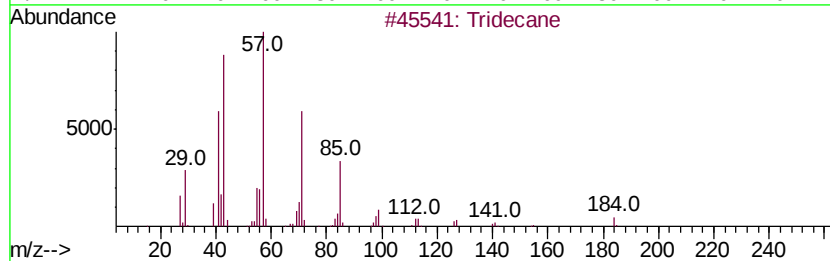
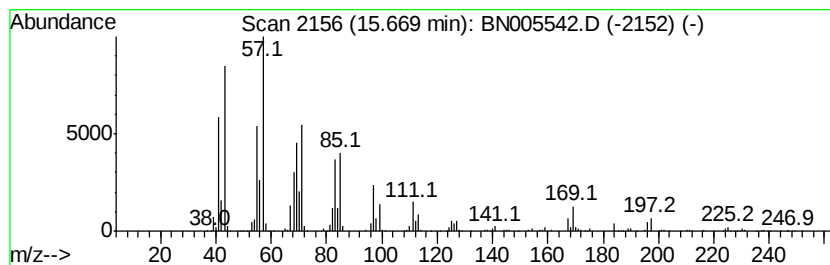
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	11.13 ng/ul	2120710	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Cyclotetradecane	196	C14H28	000295-17-0	72
4		Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	60
5		Tridecane	184	C13H28	000629-50-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

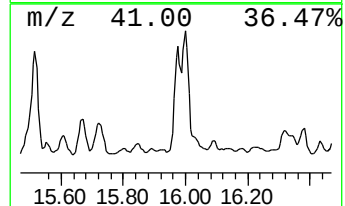
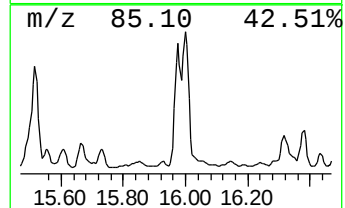
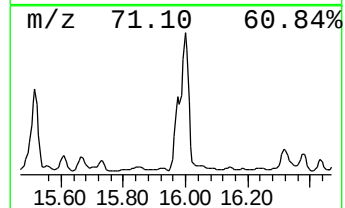
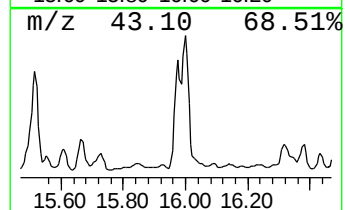
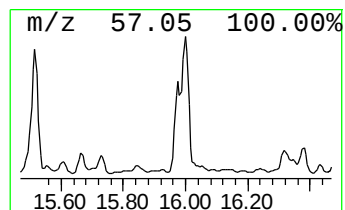
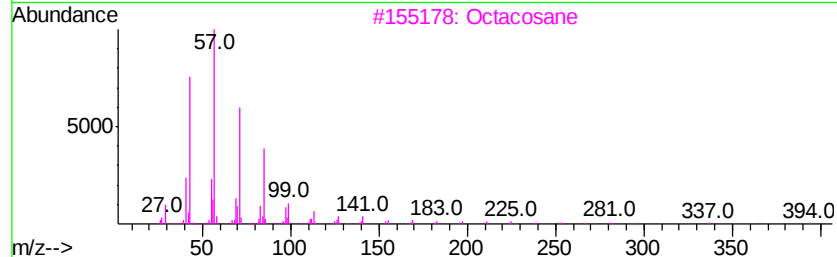
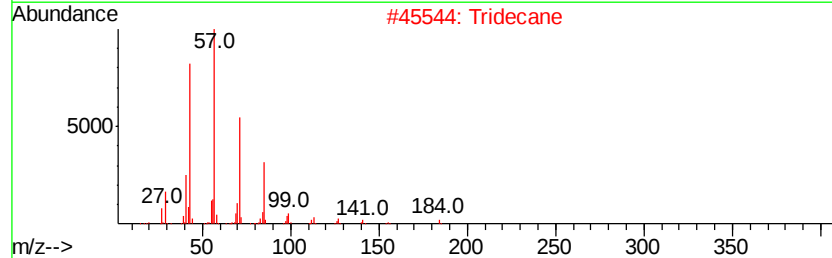
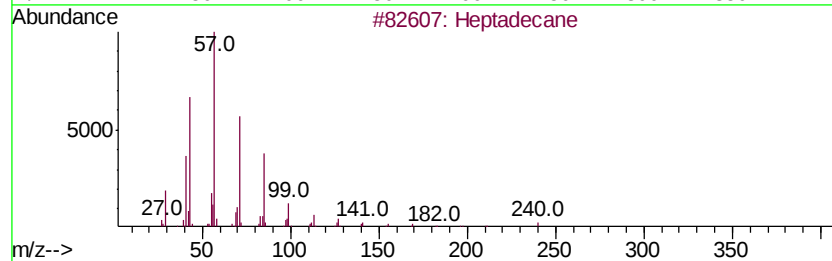
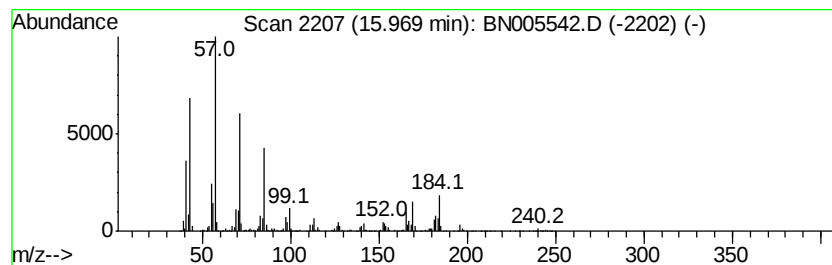
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	56.35 ng/ul	10736600	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Tridecane	184	C13H28	000629-50-5	93
3		Octacosane	394	C28H58	000630-02-4	81
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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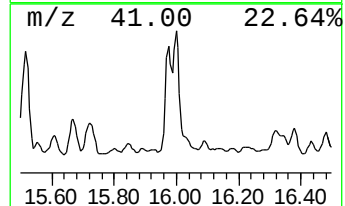
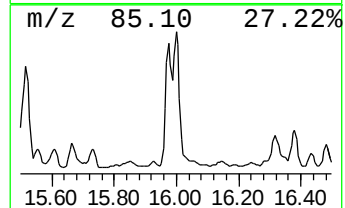
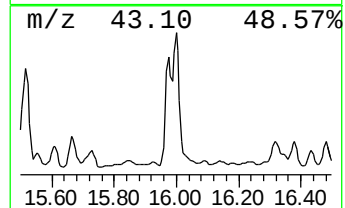
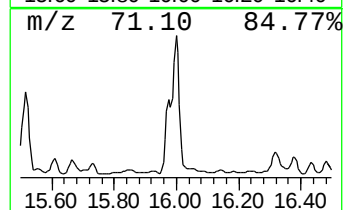
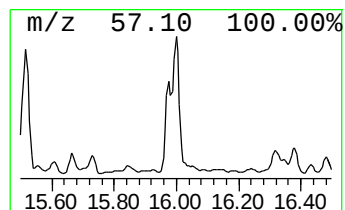
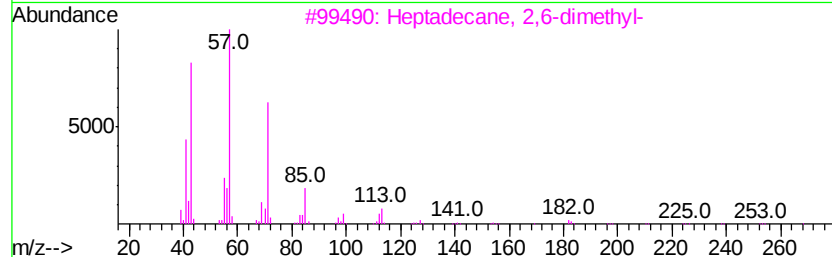
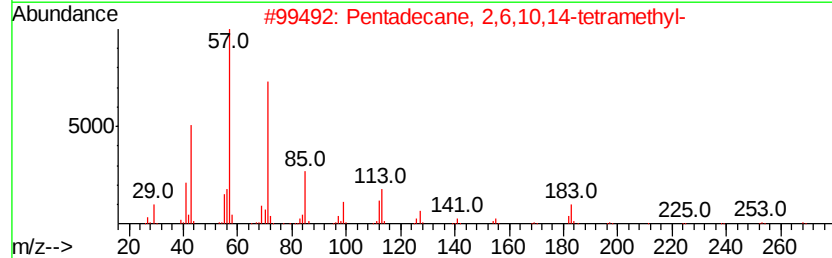
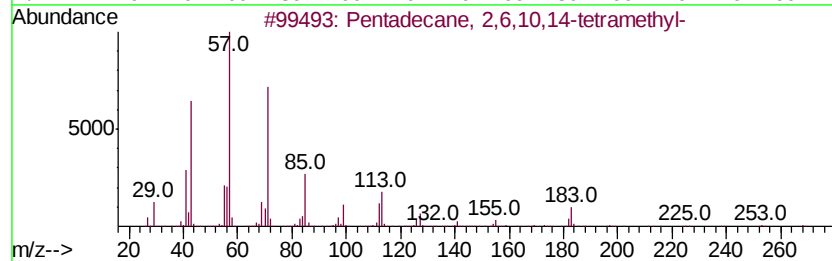
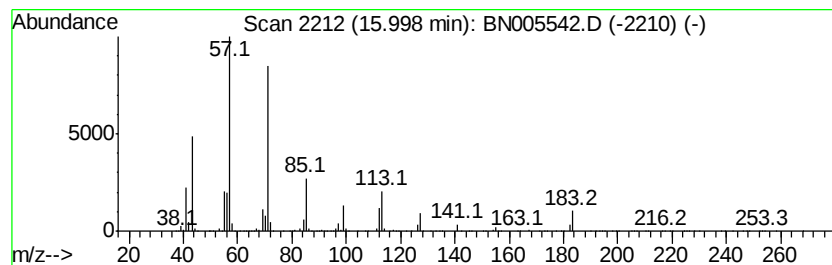
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	47.20 ng/ul	8992630	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

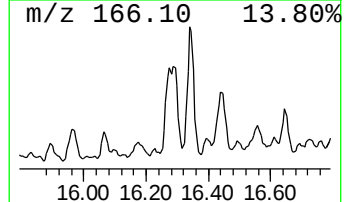
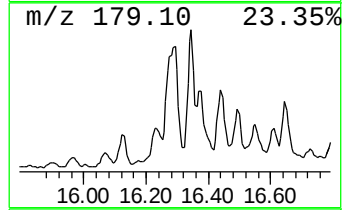
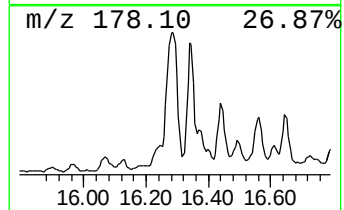
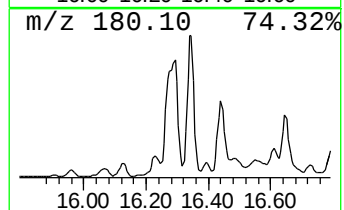
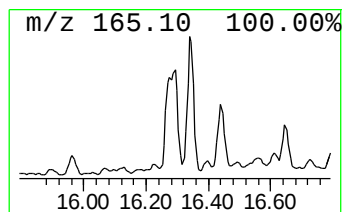
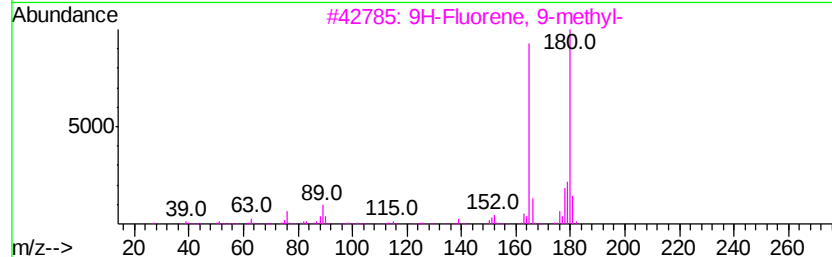
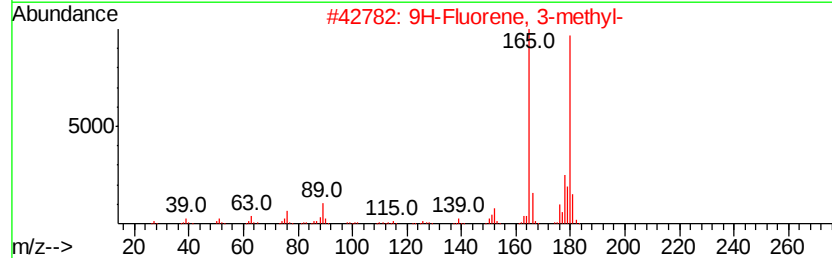
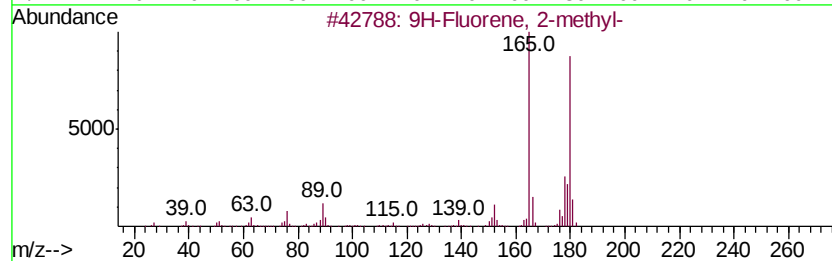
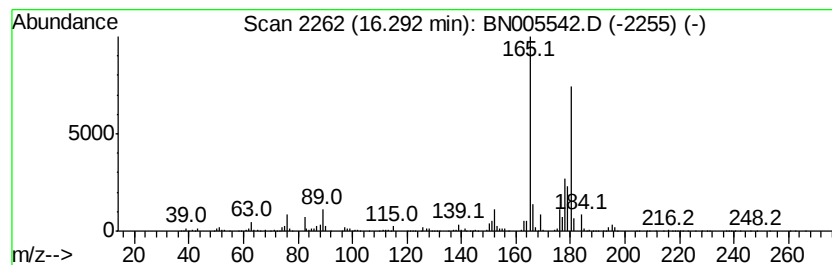
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	36.38 ng/ul	6930790	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

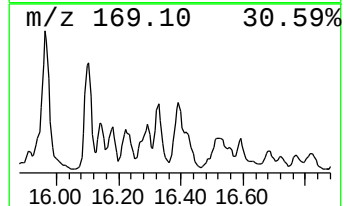
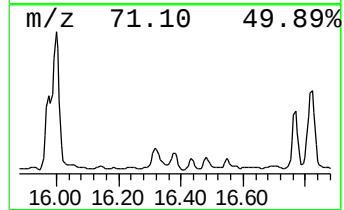
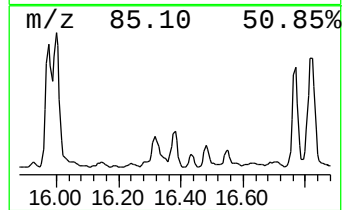
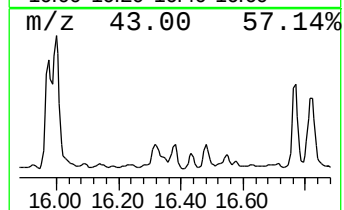
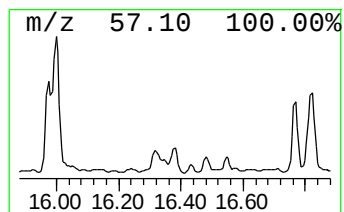
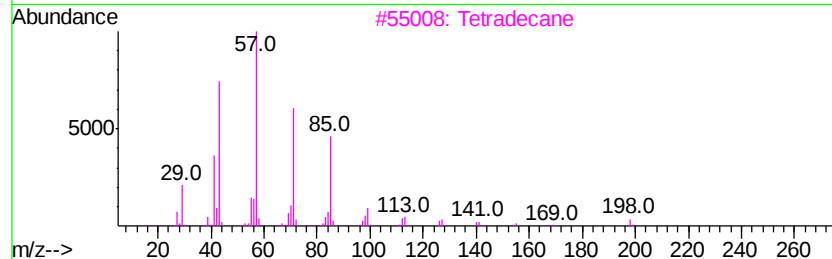
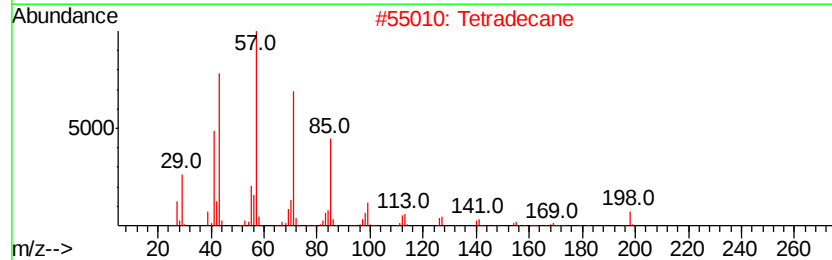
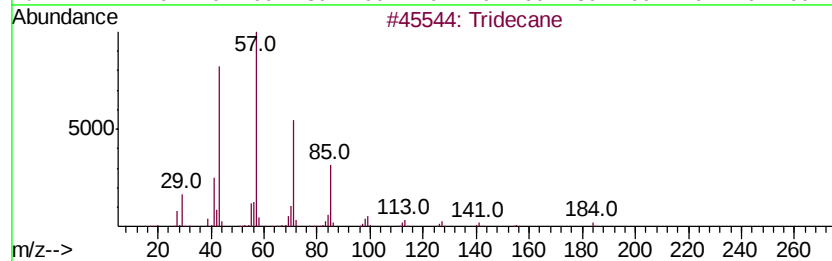
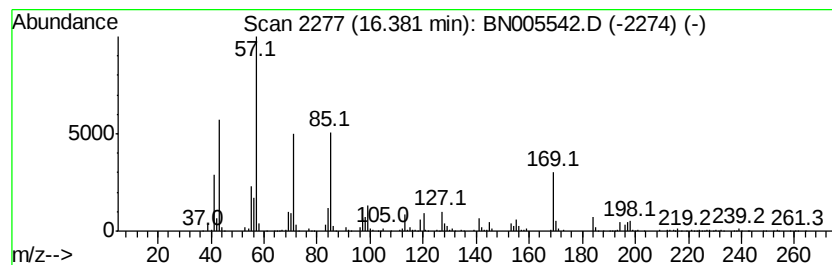
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	13.81 ng/ul	2630820	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	70
2		Tetradecane	198	C14H30	000629-59-4	64
3		Tetradecane	198	C14H30	000629-59-4	64
4		Tridecane	184	C13H28	000629-50-5	58
5		Tridecane	184	C13H28	000629-50-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

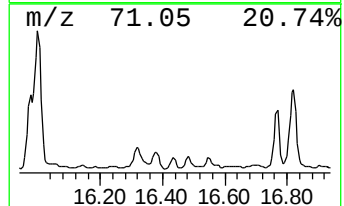
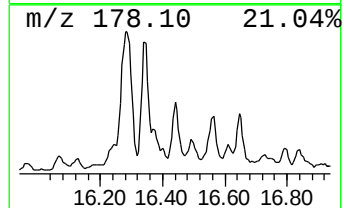
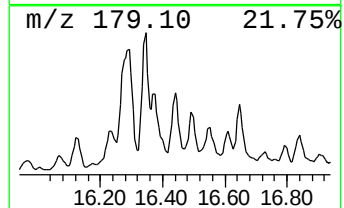
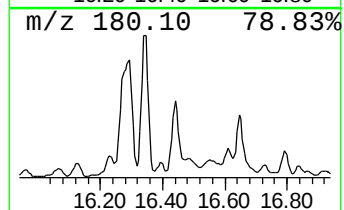
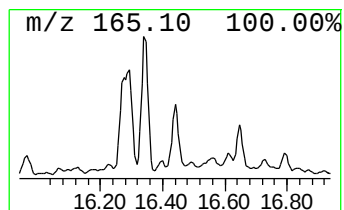
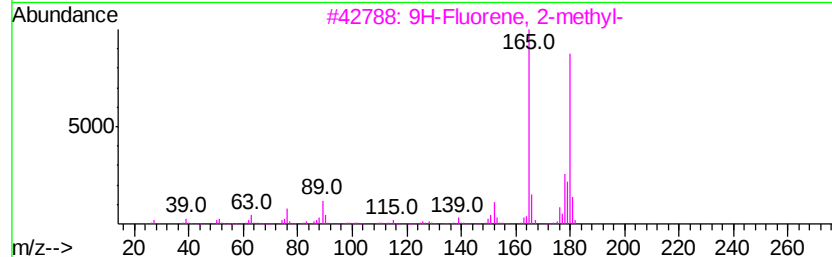
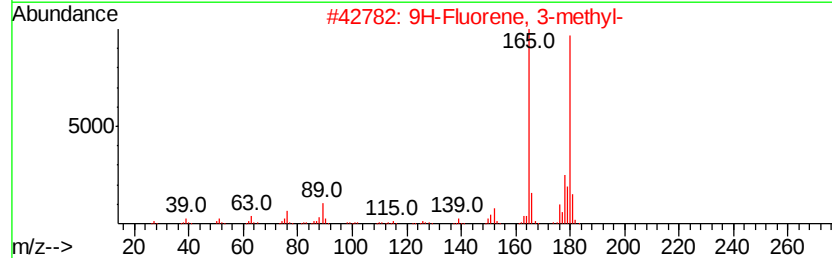
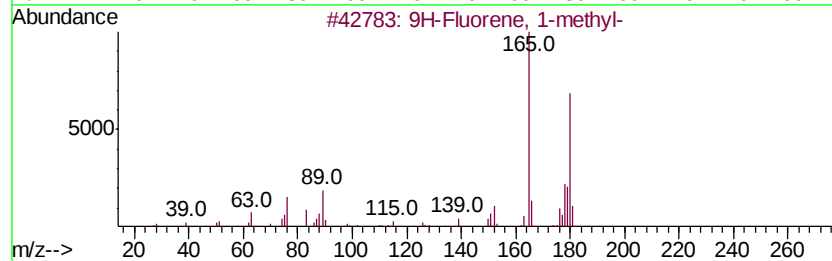
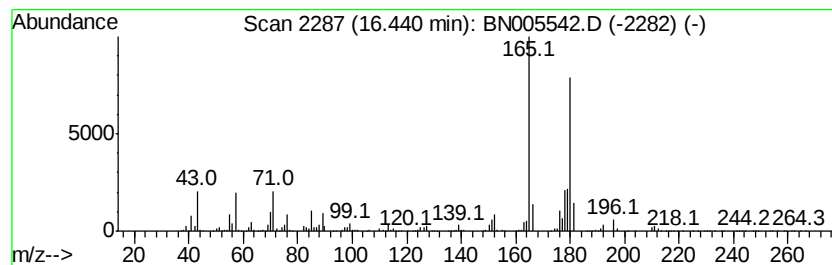
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 9H-Fluorene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	16.39 ng/ul	3122780	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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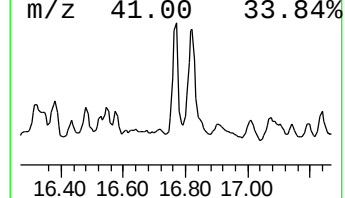
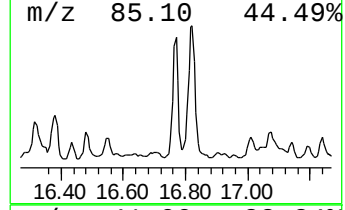
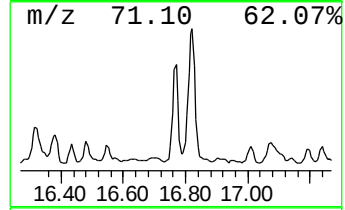
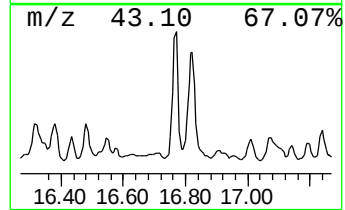
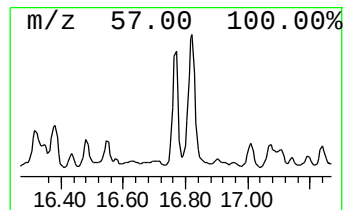
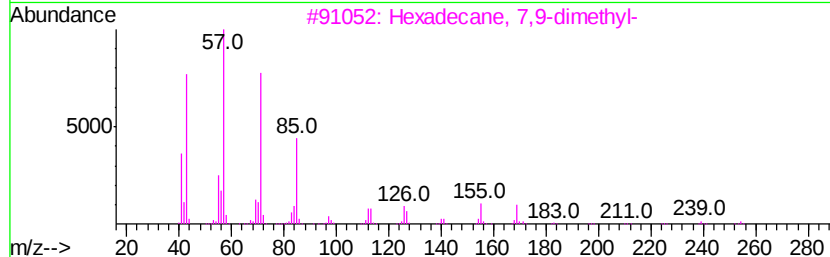
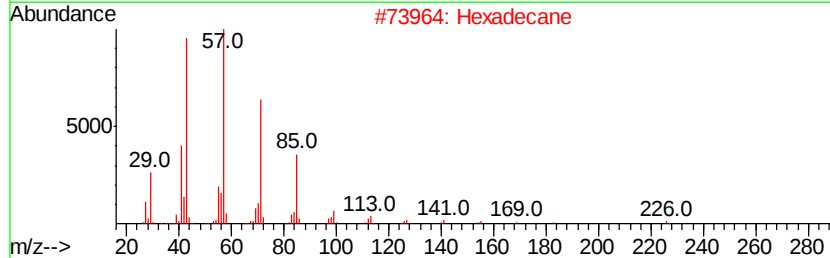
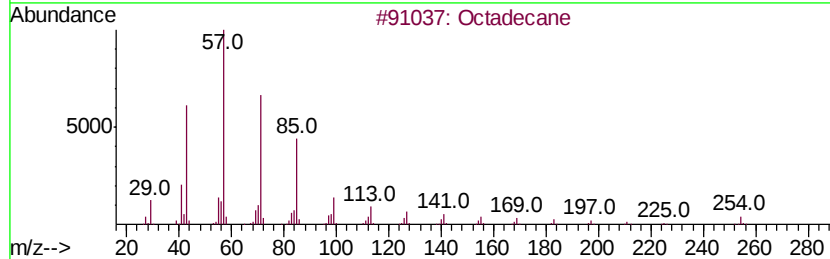
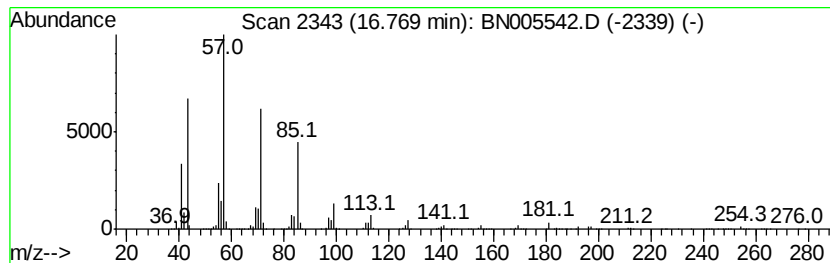
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	29.36 ng/ul	5594530	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
4		Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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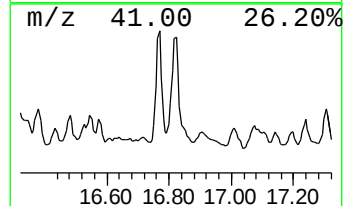
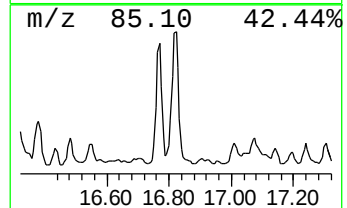
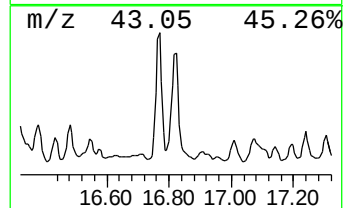
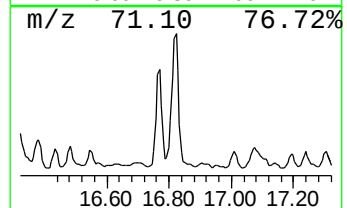
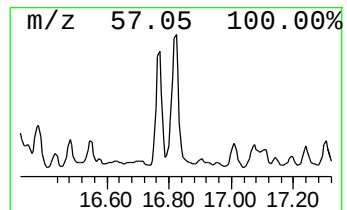
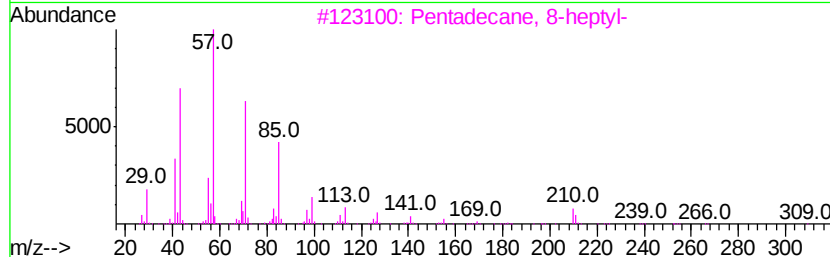
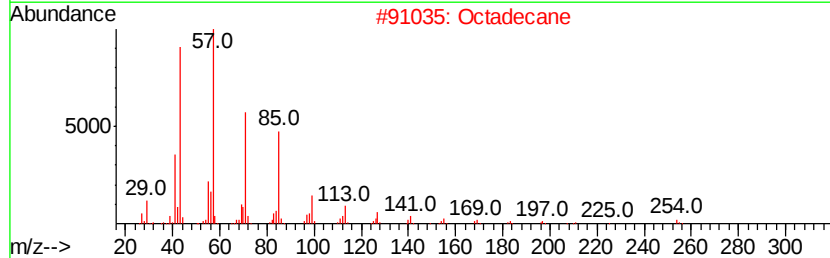
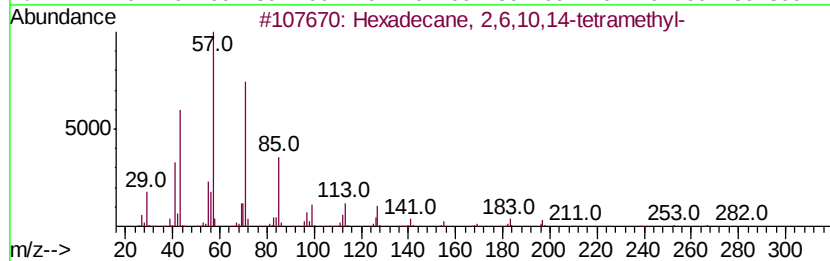
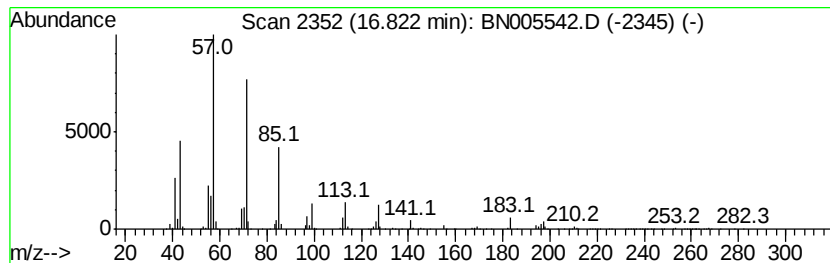
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	70.53 ng/ul	13439300	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2		Octadecane	254	C18H38	000593-45-3	80
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJ68ME

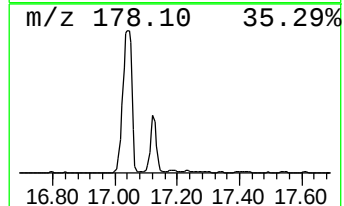
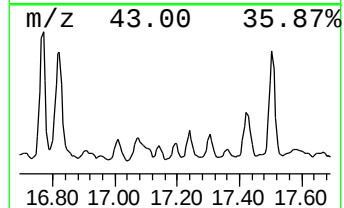
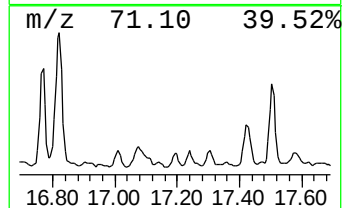
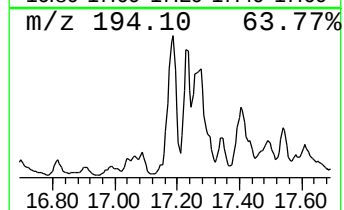
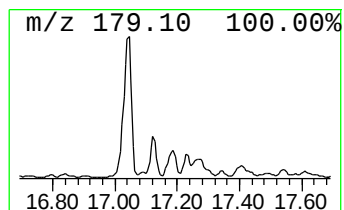
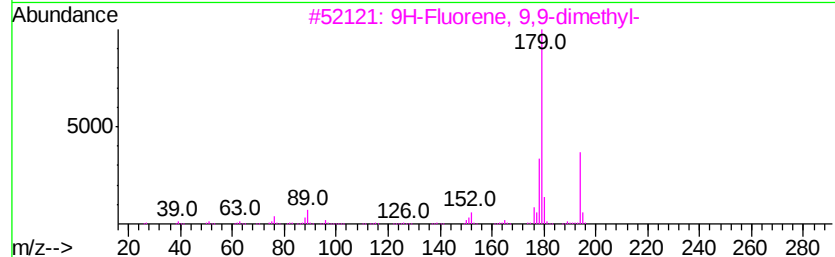
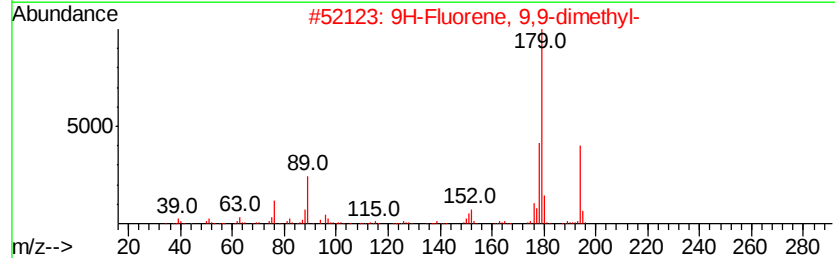
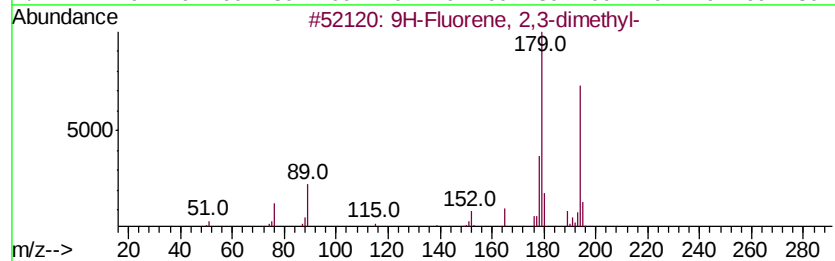
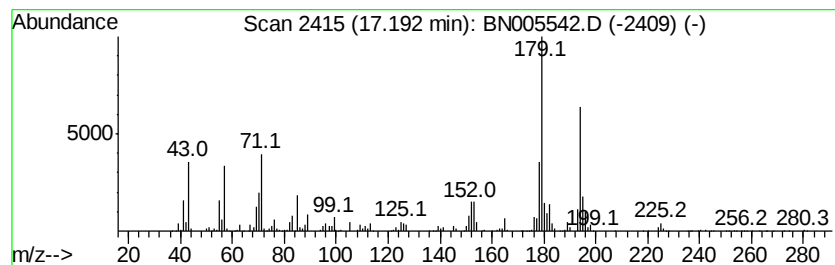
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 9H-Fluorene, 2,3-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	16.67 ng/ul	3176430	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	83
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	81
3		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	81
4		Benzo[h]quinoline	179	C13H9N	000230-27-3	50
5		Benzo[f]quinoline	179	C13H9N	000085-02-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

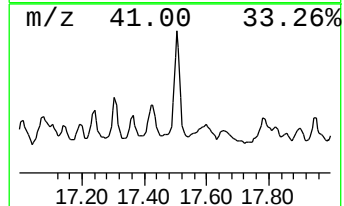
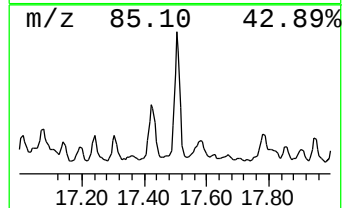
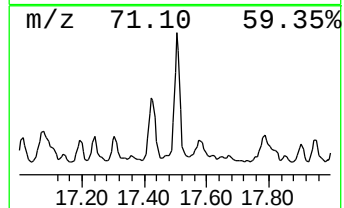
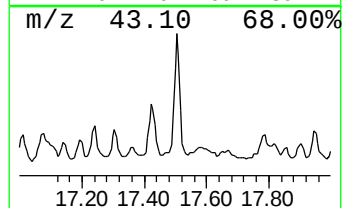
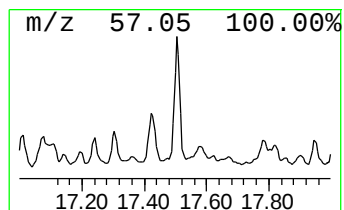
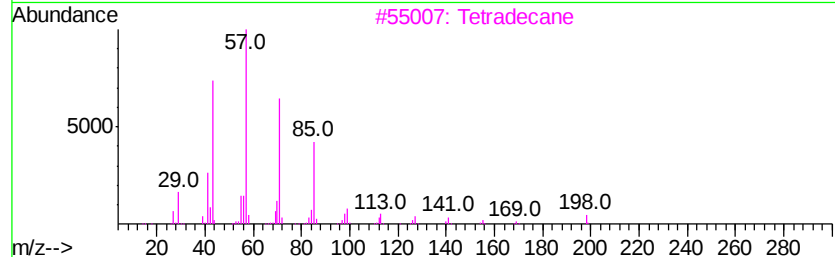
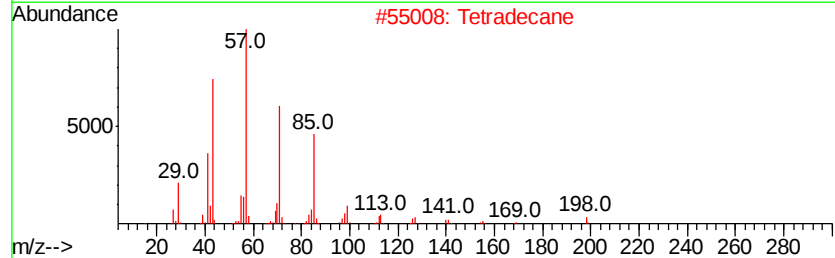
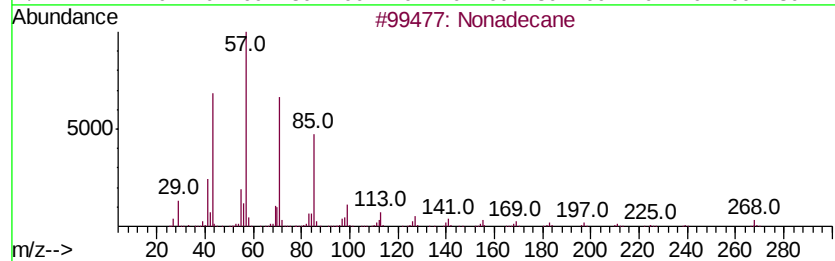
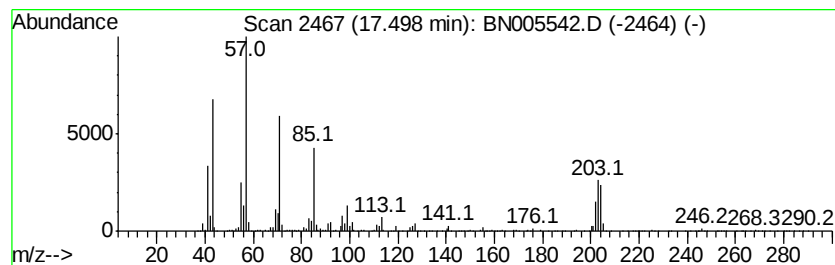
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	27.52 ng/ul	5242580	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Tetradecane	198	C14H30	000629-59-4	53
3		Tetradecane	198	C14H30	000629-59-4	53
4		Heptadecane	240	C17H36	000629-78-7	53
5		Octadecane	254	C18H38	000593-45-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

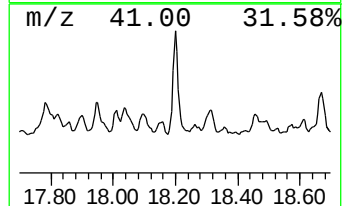
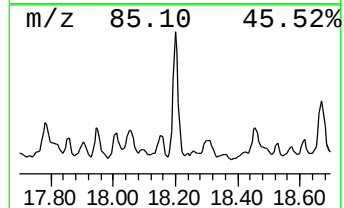
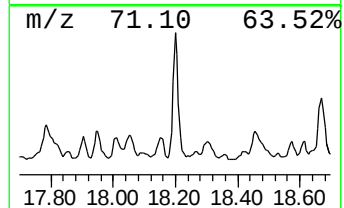
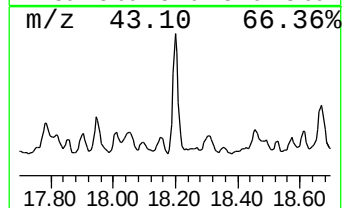
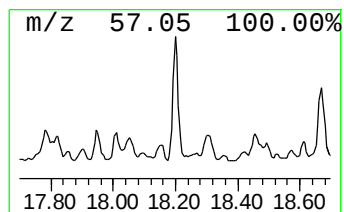
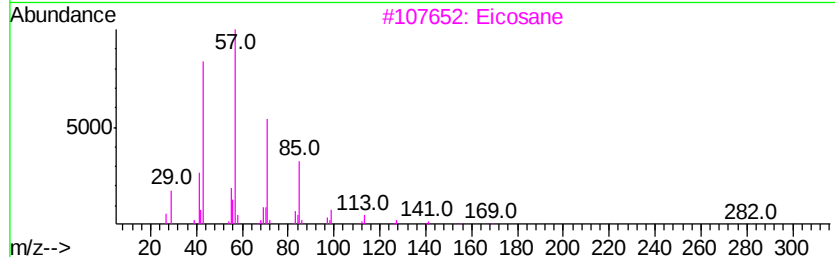
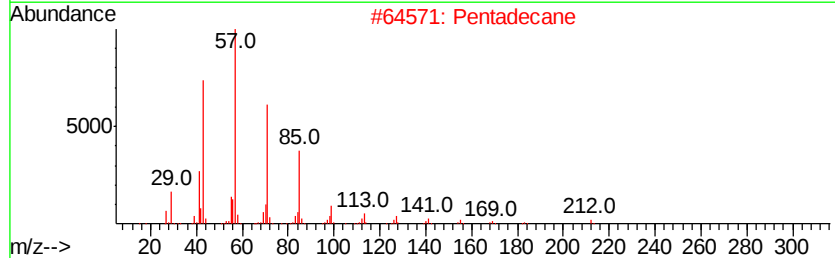
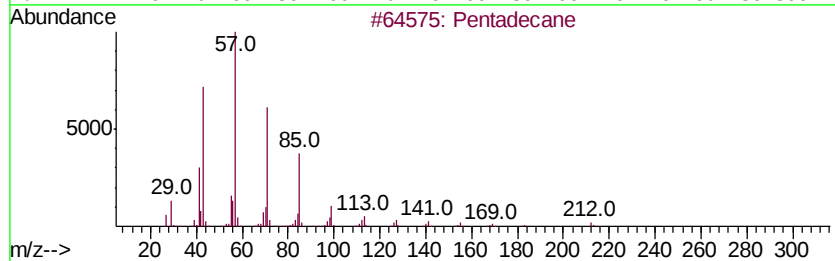
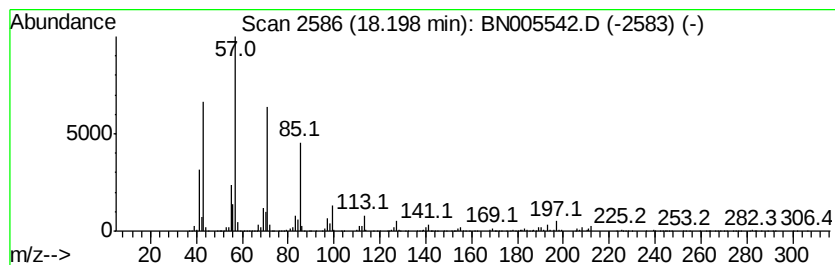
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	18.21 ng/ul	3469280	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	97
3			Eicosane	282	C20H42	000112-95-8	96
4			Pentadecane	212	C15H32	000629-62-9	91
5			Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005542.D
Acq On : 08 May 2019 21:08
Operator : JU/SJ
Sample : K2603-16ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68ME

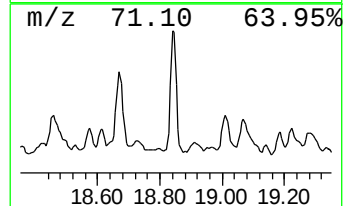
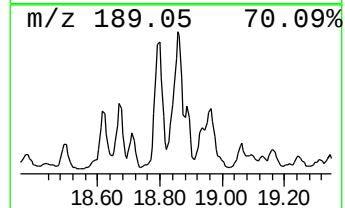
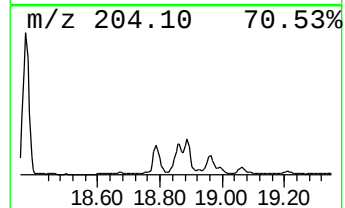
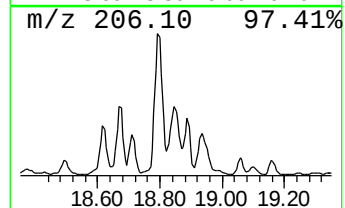
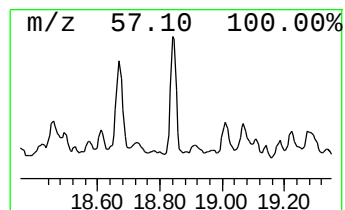
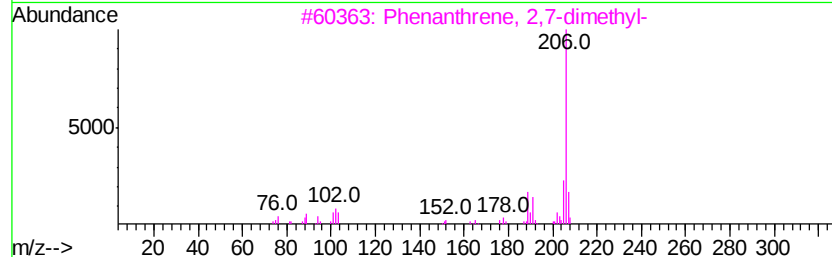
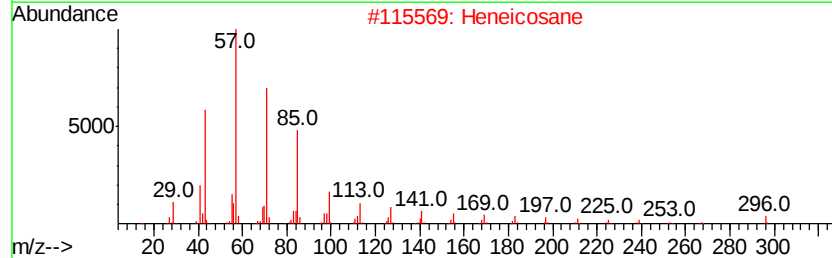
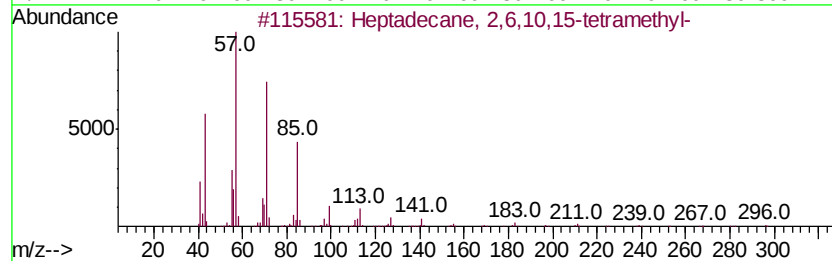
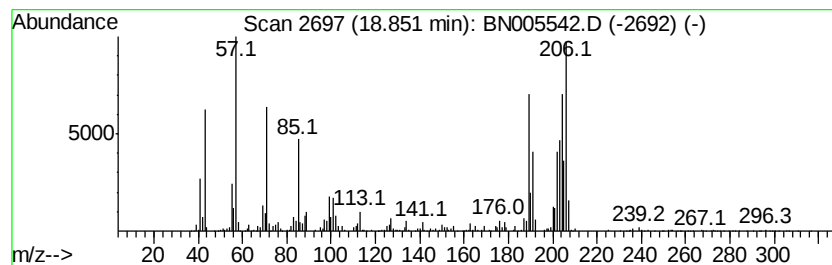
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	30.46 ng/ul	5804140	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Heneicosane	296	C21H44	000629-94-7	59
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
5		Heptadecane	240	C17H36	000629-78-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
 Data File : BN005542.D
 Acq On : 08 May 2019 21:08
 Operator : JU/SJ
 Sample : K2603-16ME
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ68ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
unknown-01	7.25	75.9	ng/ul	9085410	1	7.59	2395250	20.0
Indene	8.12	100.4	ng/ul	12021600	1	7.59	2395250	20.0
Benzene, 2-ethyl-...	8.68	20.5	ng/ul	2454850	1	7.59	2395250	20.0
(DEL) Alkane: Str...	8.81	43.9	ng/ul	5250980	1	7.59	2395250	20.0
Benzene, 1,2,4,5-...	9.26	3.1	ng/ul	2112600	2	10.36	13504300	20.0
1H-Indene, 1-methyl-	9.79	13.9	ng/ul	9384840	2	10.36	13504300	20.0
(DEL) Alkane: Str...	11.20	3.2	ng/ul	2177610	2	10.36	13504300	20.0
(DEL) Alkane: Str...	11.28	4.9	ng/ul	3334810	2	10.36	13504300	20.0
(DEL) Alkane: Str...	11.39	12.3	ng/ul	8324720	2	10.36	13504300	20.0
1H-Indene, 1,1-di...	11.55	4.3	ng/ul	2907550	2	10.36	13504300	20.0
(DEL) Alkane: Str...	11.80	19.1	ng/ul	12881600	2	10.36	13504300	20.0
Naphthalene, 1-me...	12.26	50.8	ng/ul	34317900	2	10.36	13504300	20.0
(DEL) Alkane: Cyc...	12.49	7.0	ng/ul	3839600	3	14.23	10915300	20.0
(DEL) Alkane: Str...	12.63	6.1	ng/ul	3352740	3	14.23	10915300	20.0
(DEL) Alkane: Str...	12.72	4.5	ng/ul	2461360	3	14.23	10915300	20.0
(DEL) Alkane: Str...	12.77	9.5	ng/ul	5181250	3	14.23	10915300	20.0
Naphthalene, 1-et...	13.25	37.7	ng/ul	20578400	3	14.23	10915300	20.0
Naphthalene, 2,6-...	13.39	28.4	ng/ul	15513700	3	14.23	10915300	20.0
Naphthalene, 1,6-...	13.56	43.5	ng/ul	23724700	3	14.23	10915300	20.0
Naphthalene, 2,3-...	13.79	21.4	ng/ul	11663500	3	14.23	10915300	20.0
(DEL) Alkane: Str...	14.15	27.1	ng/ul	14810000	3	14.23	10915300	20.0
(DEL) Alkane: Str...	14.77	10.6	ng/ul	5773890	3	14.23	10915300	20.0
1,1'-Biphenyl, 3-...	14.84	18.9	ng/ul	10305700	3	14.23	10915300	20.0
Naphthalene, 1,6,...	14.91	7.9	ng/ul	4314500	3	14.23	10915300	20.0
Naphthalene, 2,3,...	15.03	11.6	ng/ul	6318540	3	14.23	10915300	20.0
(DEL) Alkane: Str...	15.11	21.5	ng/ul	11749600	3	14.23	10915300	20.0
(DEL) Alkane: Str...	15.52	23.0	ng/ul	12546400	3	14.23	10915300	20.0
(DEL) Alkane: Str...	15.67	11.1	ng/ul	2120710	4	16.99	3810700	20.0
(DEL) Alkane: Str...	15.97	56.4	ng/ul	10736600	4	16.99	3810700	20.0
(DEL) Alkane: Str...	16.00	47.2	ng/ul	8992630	4	16.99	3810700	20.0
9H-Fluorene, 2-me...	16.29	36.4	ng/ul	6930790	4	16.99	3810700	20.0
(DEL) Alkane: Str...	16.38	13.8	ng/ul	2630820	4	16.99	3810700	20.0
9H-Fluorene, 1-me...	16.44	16.4	ng/ul	3122780	4	16.99	3810700	20.0
(DEL) Alkane: Str...	16.77	29.4	ng/ul	5594530	4	16.99	3810700	20.0
(DEL) Alkane: Str...	16.82	70.5	ng/ul	13439300	4	16.99	3810700	20.0
9H-Fluorene, 2,3-...	17.19	16.7	ng/ul	3176430	4	16.99	3810700	20.0
(DEL) Alkane: Str...	17.50	27.5	ng/ul	5242580	4	16.99	3810700	20.0
(DEL) Alkane: Str...	18.20	18.2	ng/ul	3469280	4	16.99	3810700	20.0
(DEL) Alkane: Str...	18.85	30.5	ng/ul	5804140	4	16.99	3810700	20.0