LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.355	490	496	507	rVB2	3980265	6735909	8.78%	1.119%
2	6.619	534	541	548	rBV4	815585	2032398	2.65%	0.338%
3	6.860	570	582	587	rBV4	1599656	3709167	4.83%	0.616%
4	6.913	587	591	596	rVV	1823524	2690250	3.51%	0.447%
5	7.007	602	607	619	rVV3	1618655	4650629	6.06%	0.773%
6	7.113	620	625	633	rVB3	1138171	2136975	2.78%	0.355%
7	7.366	663	668	672	rVV	2760254	4442952	5.79%	0.738%
8	7.419	672	677	682	rVV	2854984	4460840	5.81%	0.741%
9	7.478	682	687	691	rVV	2588661	4141806	5.40%	0.688%
10	7.537	691	697	703	rVV2	4542895	7983942	10.40%	1.327%
11	7.619	703	711	714	rVV	1671971	3228254	4.21%	0.536%
12	7.790	731	740	741	rVV2	1905564	4178994	5.44%	0.694%
13	7.819	741	745	752	rVV2	3024851	6141060	8.00%	1.020%
14	7.884	752	756	764	rVV3	960592	2525479	3.29%	0.420%
15	8.019	772	779	783	rVV	7036235	15220075	19.83%	2.529%
16	8.054	783	785	793	rVV	3051196	4592382	5.98%	0.763%
17	8.372	834	839	844	rVB	3094471	4717439	6.15%	0.784%
18	8.484	849	858	863	rVB	5670824	14051524	18.31%	2.335%
19	8.537	863	867	872	rBV3	1899691	2980450	3.88%	0.495%
20	8.625	877	882	886	rBV	5154017	8165452	10.64%	1.357%
21	8.701	891	895	902	rVV3	1597199	2870265	3.74%	0.477%
22	8.866	914	923	928	rBV	6364359	13385740	17.44%	2.224%
23	8.931	928	934	937	rVV2	2252868	4807886	6.26%	0.799%
24	8.990	937	944	950	rVB2	2790375	6835494	8.91%	1.136%
25	9.060	950	956	964	rBV3	5519166	10730446	13.98%	1.783%
26	9.172	969	975	979	rVV	3024891	5089413	6.63%	0.846%
27	9.225	979	984	989	rVV2	1784197	3433439	4.47%	0.571%
28	9.378	1005	1010	1015	rBV	1650722	3240844	4.22%	0.539%
29	9.431	1015	1019	1025	rVB	1878260	3269641	4.26%	0.543%
30	9.537	1031	1037	1045	rVB3	3127174	6511595	8.48%	1.082%
31	9.648	1046	1056	1061	rBV	7041363	16455123	21.44%	2.734%
32	9.778	1066	1078	1085	rBV9	1938644	8488531	11.06%	1.411%
33	9.854	1086	1091	1099	rVV4	1831278	5556730	7.24%	0.923%
34	10.060	1122	1126	1132	rVB2	1596524	2931312	3.82%	0.487%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

35	10.125	1132	1137	1141	rBV2	1612054	2712296	3.53%	0.451%
36	10.172	1141	1145	1148	rVV2	1483698	2330697	3.04%	0.387%
37	10.213	1148	1152	1158	rVB	1520158	2608411	3.40%	0.433%
38	10.284	1158	1164	1172	rBV4	2200609	6562707	8.55%	1.091%
39	10.360	1172	1177	1184	rVB3	2463971	4704450	6.13%	0.782%
40	10.431	1184	1189	1192	rBV4	1086173	2055188	2.68%	0.342%
41	10.490	1192	1199	1205	rVB2	2225530	5182487	6.75%	0.861%
42	10.560	1205	1211	1218	rBV3	1299545	2769867	3.61%	0.460%
43	10.643	1220	1225	1230	rVV3	2415361	4242009	5.53%	0.705%
44	10.743	1238	1242	1248	rVV2	1448493	2563638	3.34%	0.426%
45	10.907	1264	1270	1274	rBV2	1158630	2222490	2.90%	0.369%
46	11.125	1297	1307	1310	rBV9	839828	2371359	3.09%	0.394%
47	11.201	1310	1320	1322	rBV2	4850771	11089570	14.45%	1.843%
48	11.337	1336	1343	1347	rBV3	2936870	5580092	7.27%	0.927%
49	11.372	1347	1349	1355	rVB2	2396522	3532144	4.60%	0.587%
50	11.601	1382	1388	1397	rBV	5129954	9422038	12.28%	1.566%
51	11.731	1402	1410	1415	rVB	2580049	4357436	5.68%	0.724%
52	11.937	1437	1445	1449	rBV7	1659616	4219634	5.50%	0.701%
53	12.125	1471	1477	1489	rVV8	2100964	6722952	8.76%	1.117%
54	12.231	1489	1495	1500	rVV3	2600081	5052273	6.58%	0.840%
55	12.319	1506	1510	1524	rVB	4315694	7386380	9.62%	1.227%
56	12.466	1530	1535	1545	rVB2	4410054	7238067	9.43%	1.203%
57	12.619	1555	1561	1565	rBV	5023709	8987309	11.71%	1.493%
58	12.660	1565	1568	1575	rVB	3589117	5369664	7.00%	0.892%
59	12.748	1576	1583	1585	rBV2	1718841	3000329	3.91%	0.499%
60	12.854	1597	1601	1605	rVV	1869899	2412724	3.14%	0.401%
61	12.895	1605	1608	1615	rVB	1925173	2861636	3.73%	0.476%
62	13.019	1625	1629	1633	rBV3	2067698	3623191	4.72%	0.602%
63	13.254	1660	1669	1673	rBV7	1163362	3409829	4.44%	0.567%
64	13.548	1714	1719	1726	rBV	2219237	3823591	4.98%	0.635%
65	13.772	1751	1757	1762	rVB2	1718314	2879474	3.75%	0.478%
66	13.836	1762	1768	1778	rBV	5257070	10015143	13.05%	1.664%
67	14.078	1804	1809	1817	rVV3	1660463	3394822	4.42%	0.564%
68	14.219	1822	1833	1843	rBV8	1901709	7076965	9.22%	1.176%
69	14.360	1851	1857	1864	rBV5	1883105	5558835	7.24%	0.924%
70	14.478	1875	1877	1881	rVB3	2221805	2890362	3.77%	0.480%
71	14.642	1902	1905	1911	rVB5	2552869	4248318	5.54%	0.706%

LSC Area Percent Report

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Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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

72	14.748	1919	1923	1928	rBV3	1179848	2144554	2.79%	0.356%
73	14.901	1943	1949	1953	rVB	7533498	13375405	17.43%	2.223%
74	15.054	1968	1975	1982	rVV5	2287751	5233892	6.82%	0.870%
75	15.160	1987	1993	1998	rBV	5449131	8364238	10.90%	1.390%
76	15.331	2015	2022	2028	rBV3	2352864	5711235	7.44%	0.949%
77	15.419	2034	2037	2044	rVV4	1592029	3488046	4.54%	0.580%
78	15.501	2046	2051	2055	rVV2	2395714	3876421	5.05%	0.644%
79	15.566	2057	2062	2070	rVV8	2312805	6010026	7.83%	0.999%
80	15.678	2070	2081	2091	rVV3	9239129	22899705	29.84%	3.805%
81	15.778	2092	2098	2101	rVV2	5610117	9193020	11.98%	1.528%
82	15.836	2101	2108	2114	rVB2	5073161	10099943	13.16%	1.678%
83	16.113	2151	2155	2160	rVB	1485367	2090207	2.72%	0.347%
84	16.230	2169	2175	2179	rVB	2090235	3770347	4.91%	0.627%
85	16.619	2237	2241	2248	rVB2	2612923	4352760	5.67%	0.723%
86	16.689	2248	2253	2255	rBV	4750135	7303843	9.52%	1.214%
87	17.054	2310	2315	2321	rVB5	1538257	2803081	3.65%	0.466%
88	17.501	2372	2391	2395	rBV3	13663368	76751068	100.00%	12.754%
89	17.883	2452	2456	2460	rBV3	1477408	2028045	2.64%	0.337%
90	18.013	2473	2478	2481	rBV3	1122161	2384840	3.11%	0.396%
91	18.207	2506	2511	2519	rVB	3894475	6015746	7.84%	1.000%
92	18.377	2537	2540	2546	rVB	1931610	2475931	3.23%	0.411%
93	18.883	2622	2626	2632	rVB	3217872	4100950	5.34%	0.681%
94	19.501	2727	2731	2733	rBV	2728025	3518665	4.58%	0.585%
95	19.524	2733	2735	2739	rVB2	2509083	2705762	3.53%	0.450%
96	19.654	2751	2757	2762	rVB2	1419750	2325563	3.03%	0.386%
97	20.066	2823	2827	2831	rVB	2141435	2480742	3.23%	0.412%
98	20.589	2912	2916	2921	rBV2	1859636	2317320	3.02%	0.385%
99	21.536	3073	3077	3084	rVB2	3013719	3862099	5.03%	0.642%
100	22.454	3229	3233	3242	rVB2	2293029	3243701	4.23%	0.539%

Sum of corrected areas: 601797968

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
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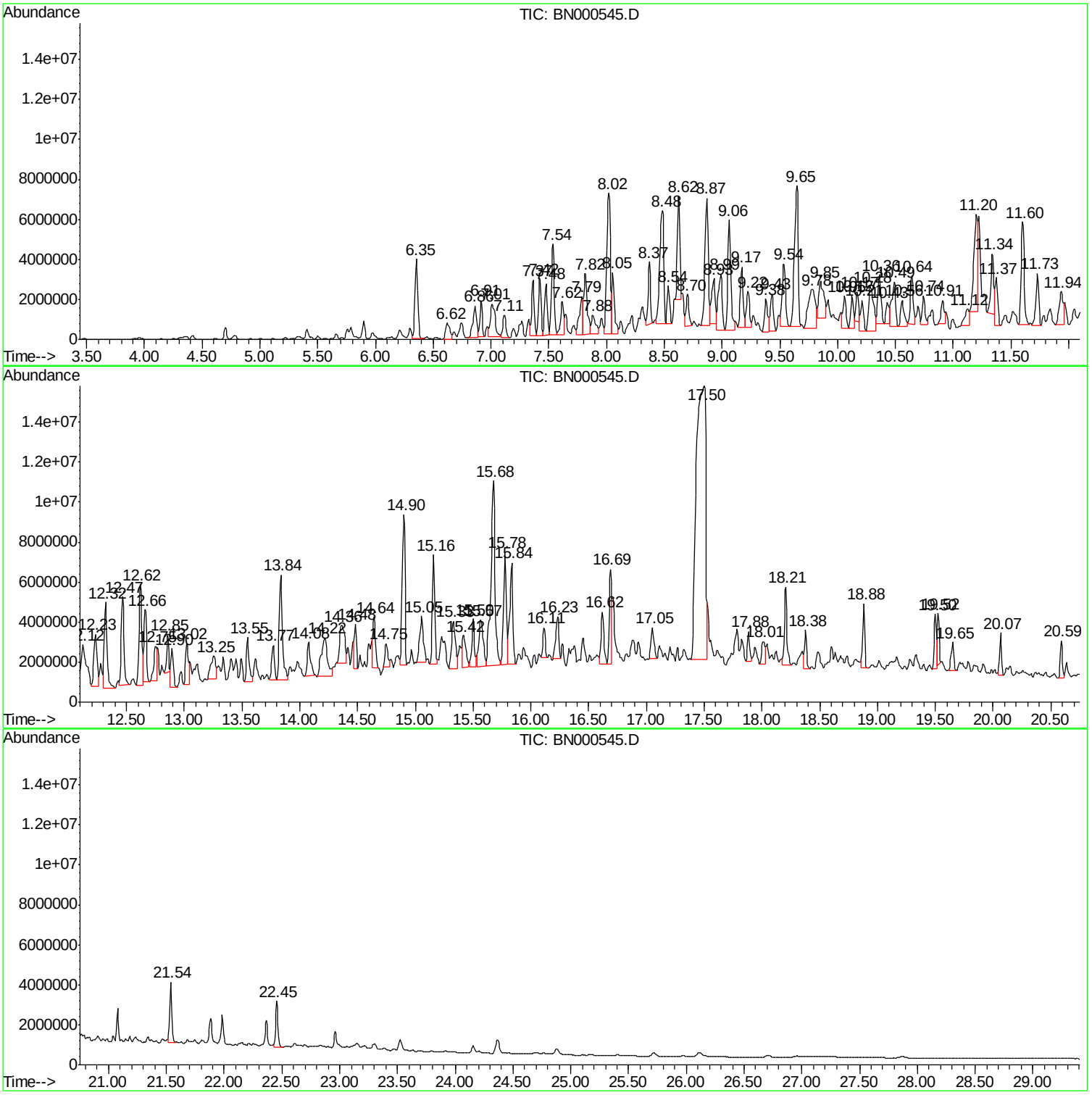
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM51DL

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

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

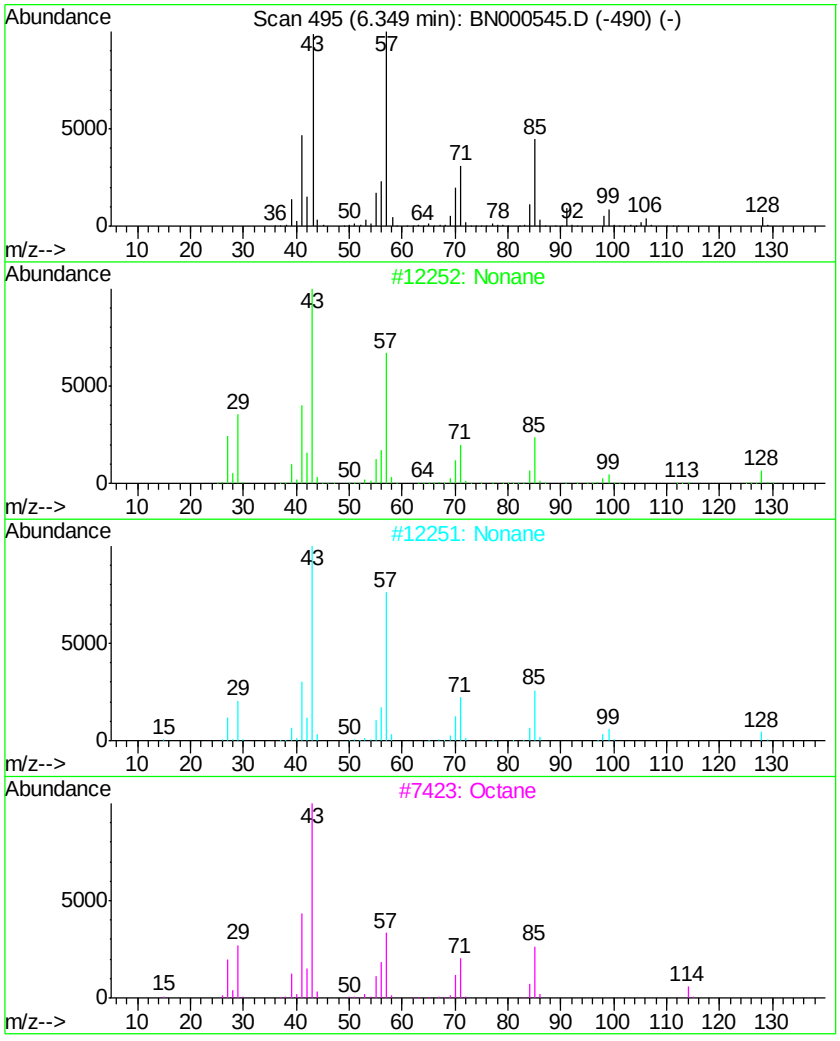
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

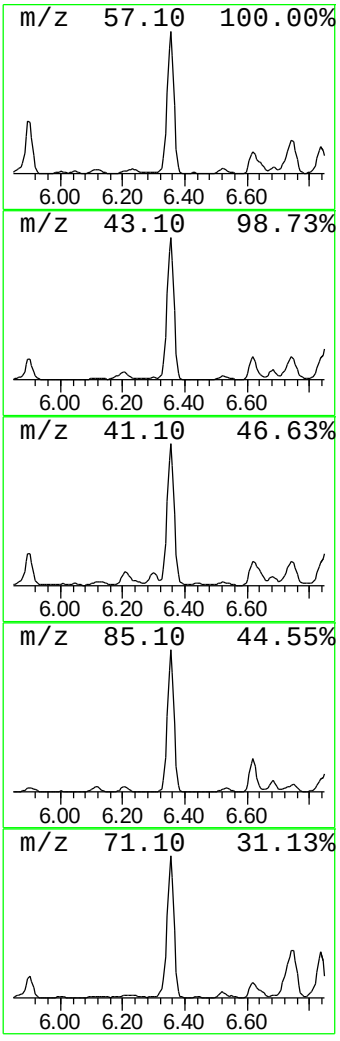
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	28.56 ng/ul	6735910	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	91
3	Octane	114	C8H18	000111-65-9	64
4	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	59
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

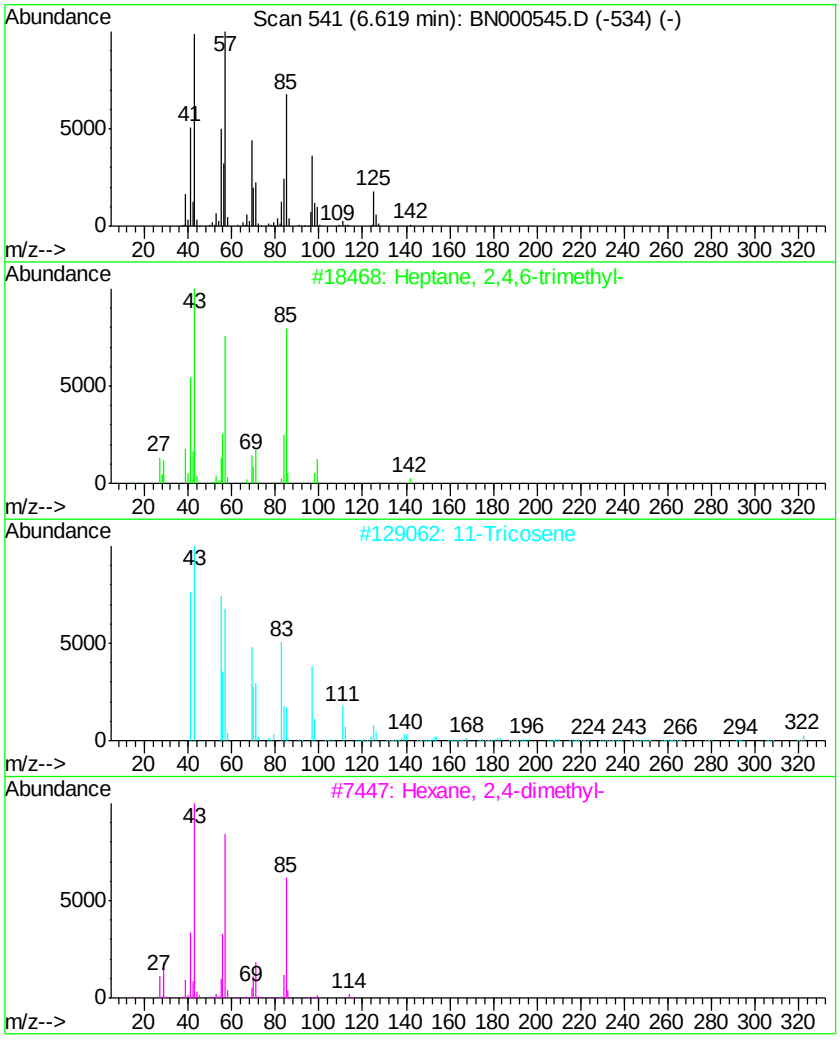
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

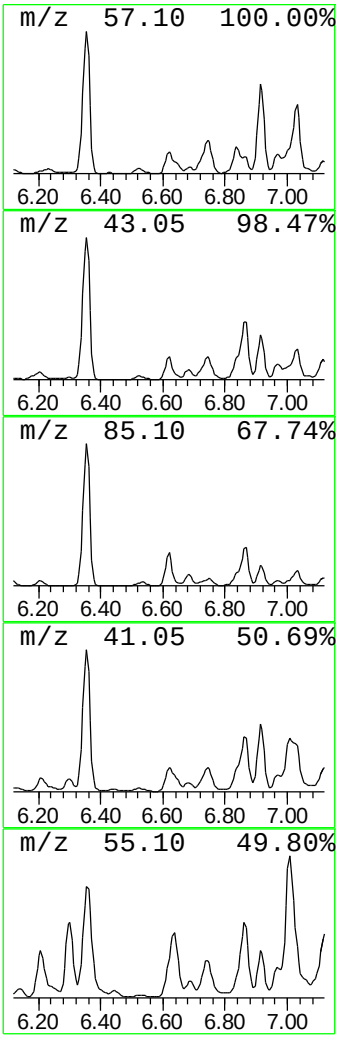
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	8.62 ng/ul	2032400	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	52
2	11-Tricosene	322	C23H46	052078-56-5	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

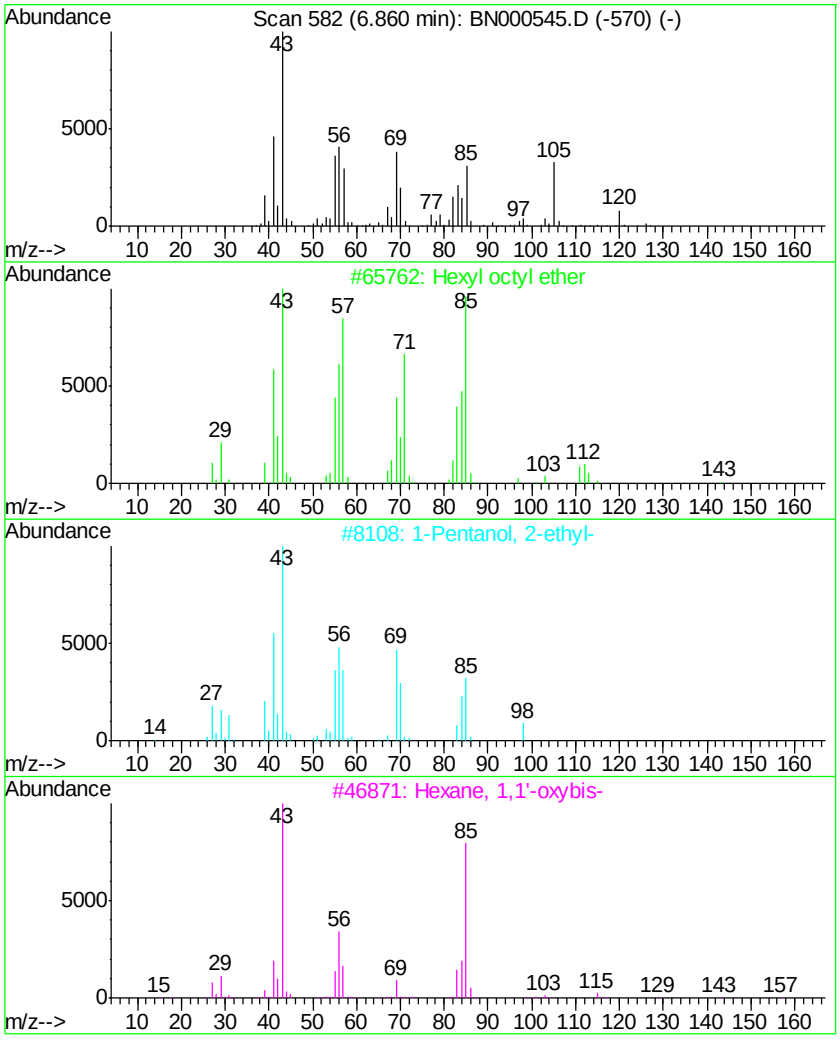
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

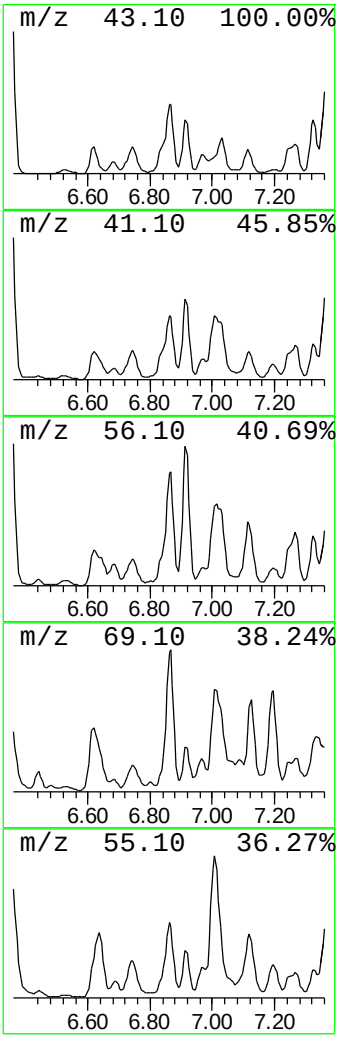
****

Peak Number 3 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	15.73 ng/ul	3709170	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl octyl ether	214	C14H30O	017071-54-4	38
2	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	37
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	35
4	1-Nonene	126	C9H18	000124-11-8	32
5	Isooctanol	130	C8H18O	026952-21-6	32





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

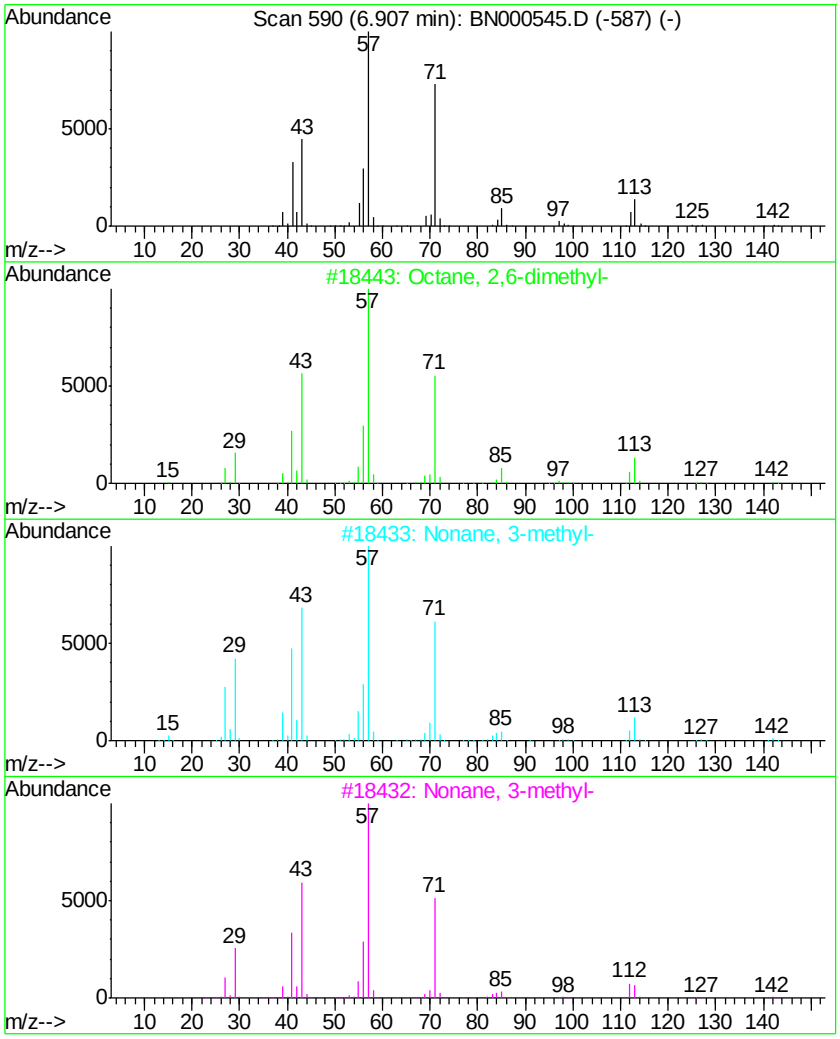
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

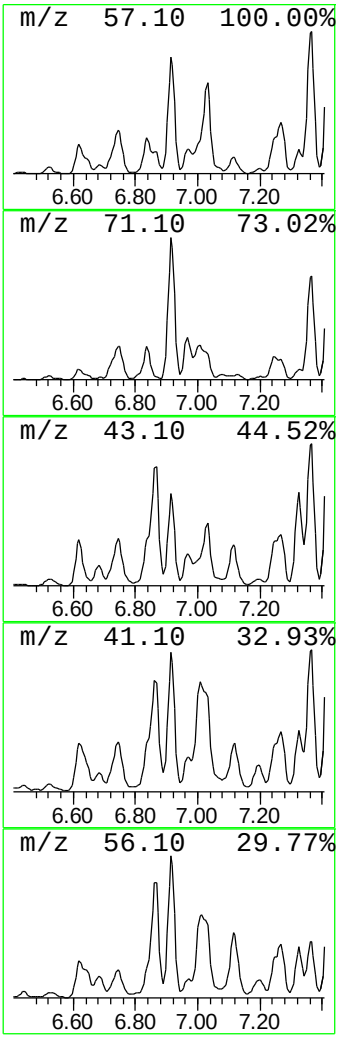
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	11.41 ng/ul	2690250	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	83





Library Search Compound Report

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Data File : BN000545.D
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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

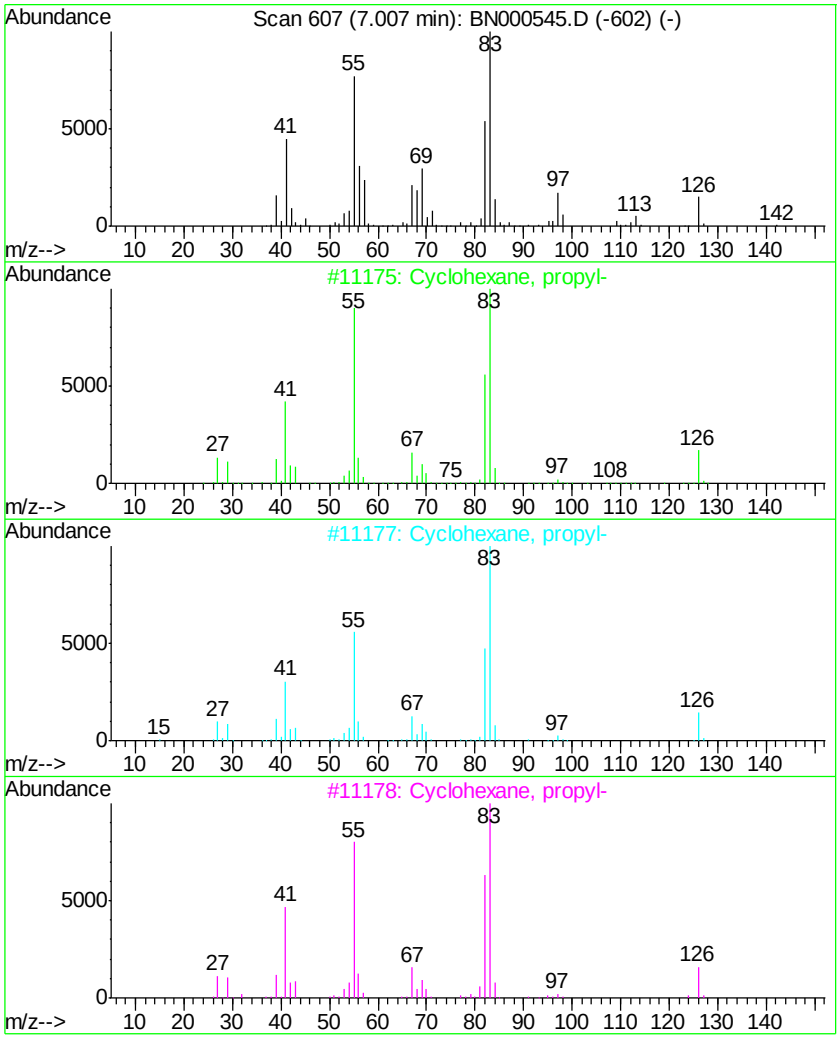
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

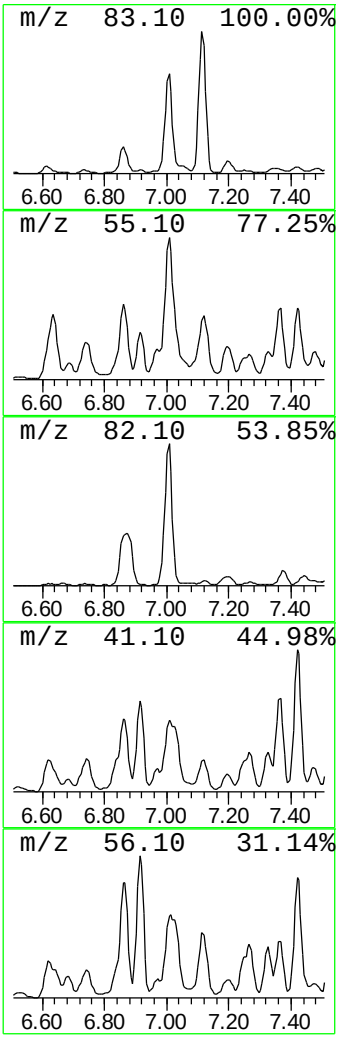
****

Peak Number 5 (DEL) Alkane: Cyclic7.01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	19.72 ng/ul	4650630	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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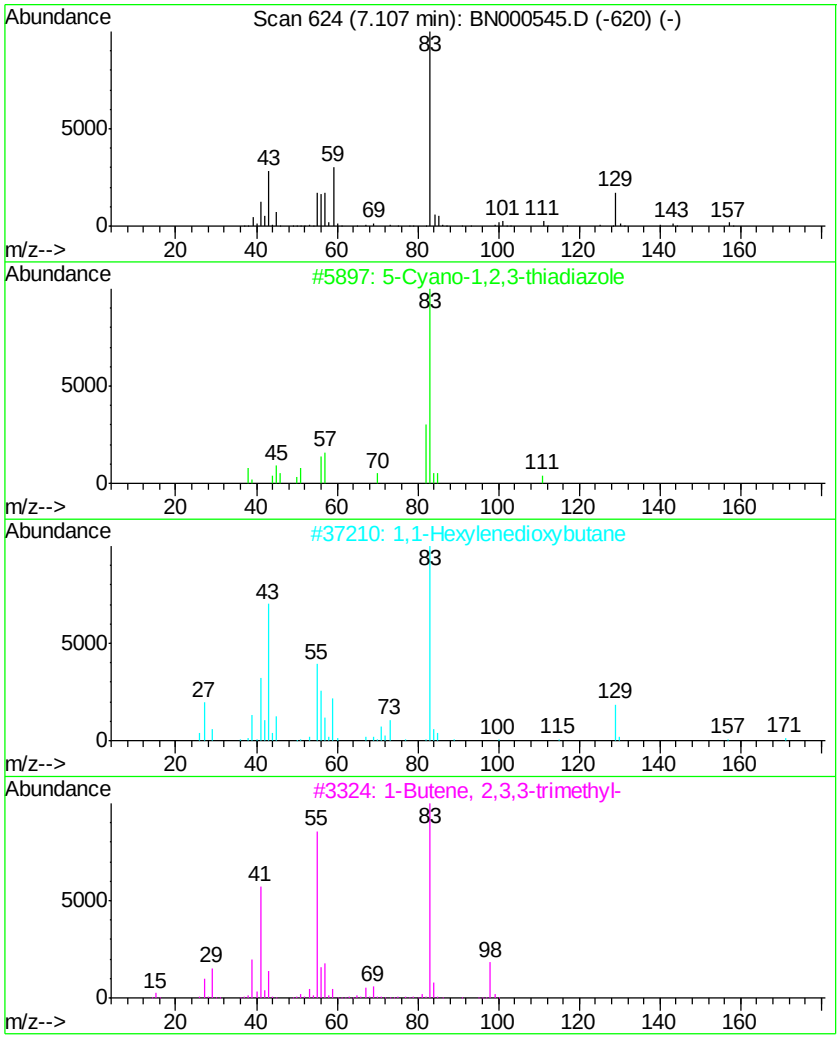
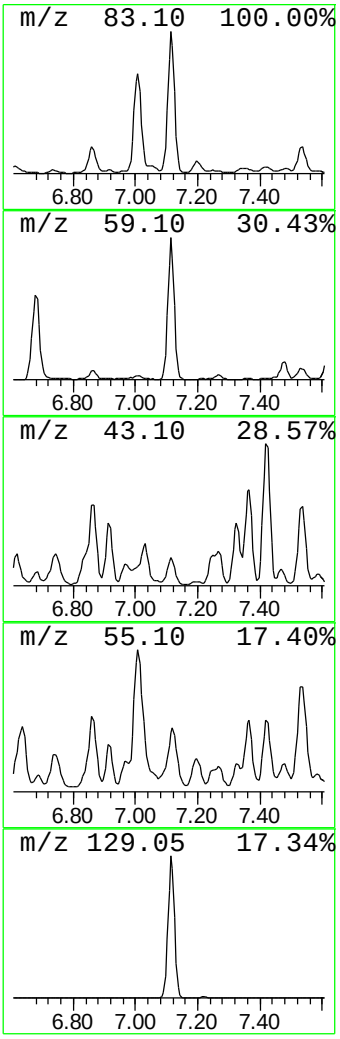
Peak Number 6 5-Cyano-1,2,3-thiadiazole Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	9.06 ng/ul	2136980	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	64
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	64
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	34
4	2-Octen-4-one, 2-methyl-	140	C9H16O	019860-71-0	33
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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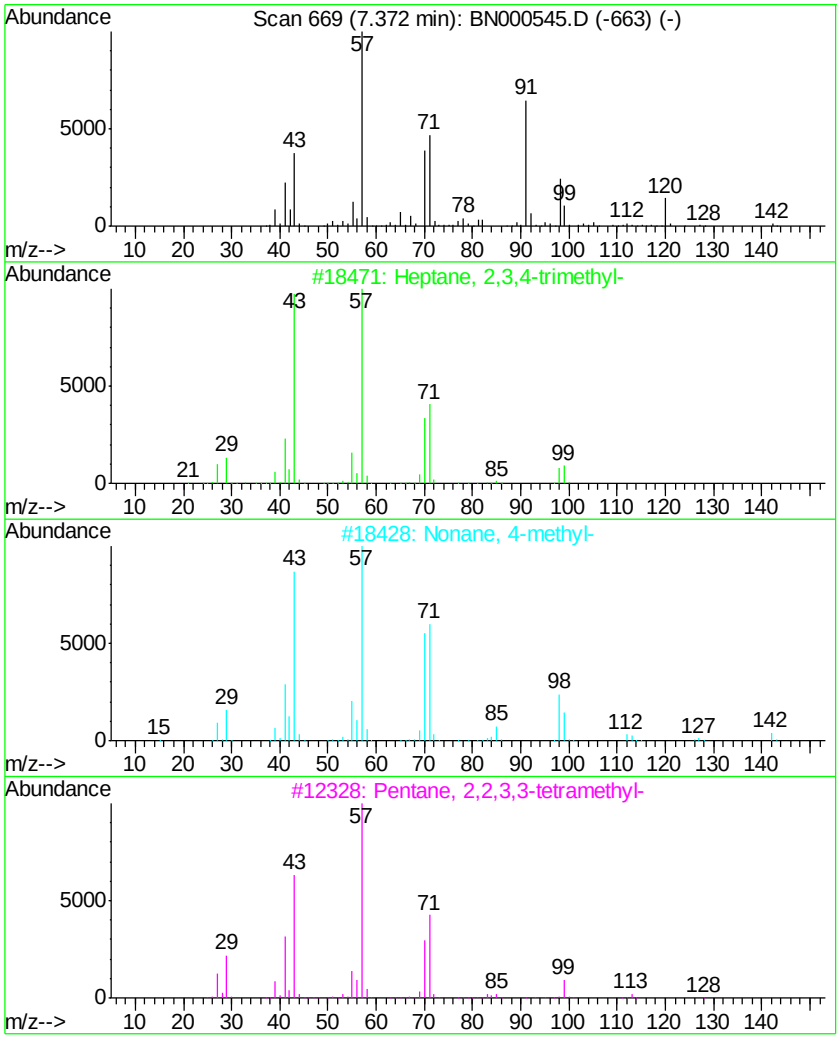
Quant Title : SVOA CALIBRATION

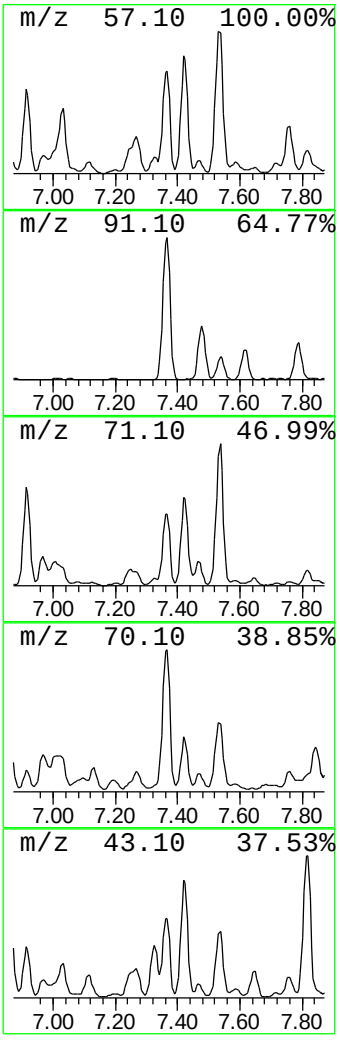
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	18.84 ng/ul	4442950	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	42
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	40





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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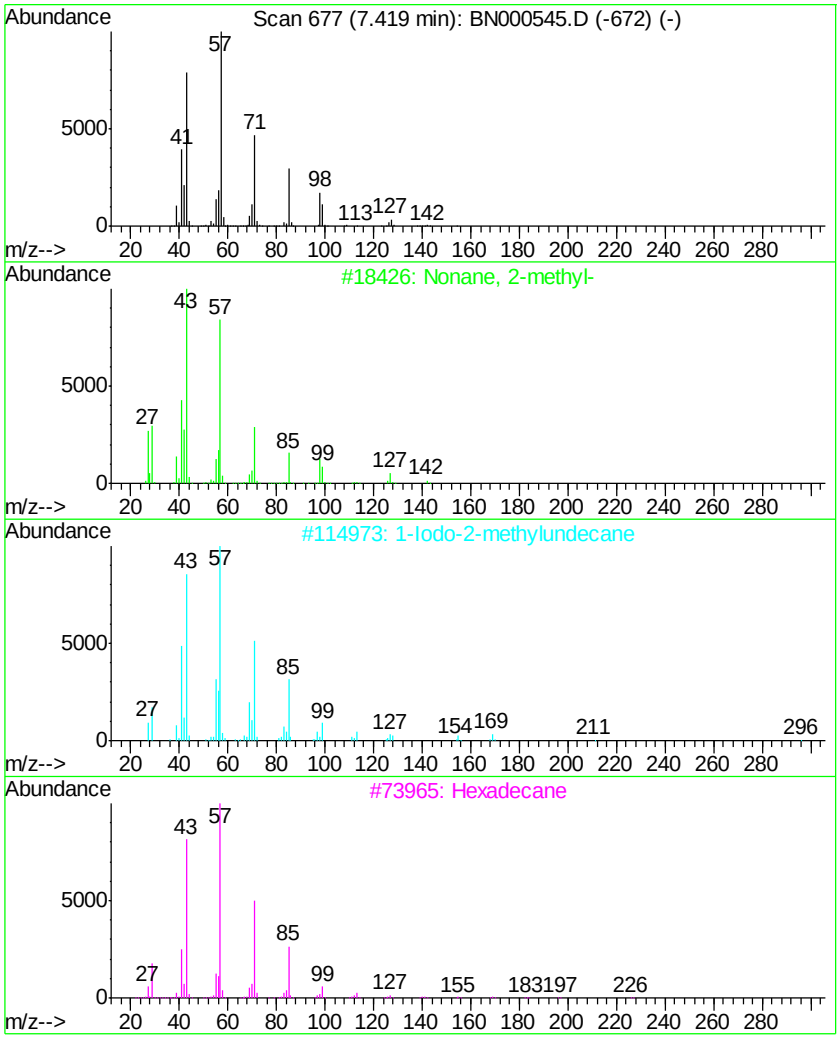
Quant Title : SVOA CALIBRATION

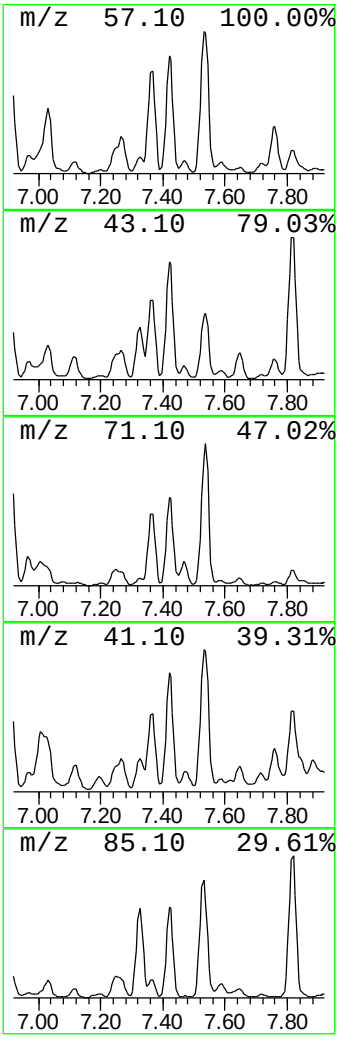
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	18.91 ng/ul	4460840	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	90
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	68
5	Tridecane	184	C13H28	000629-50-5	64





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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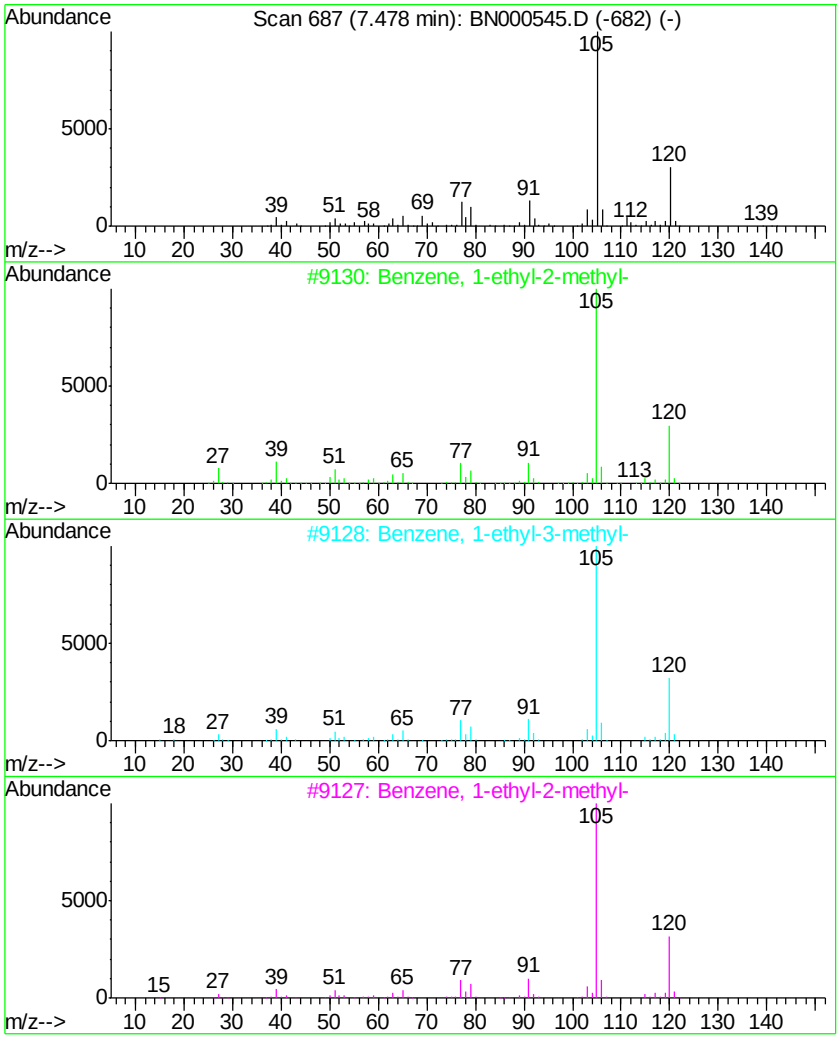
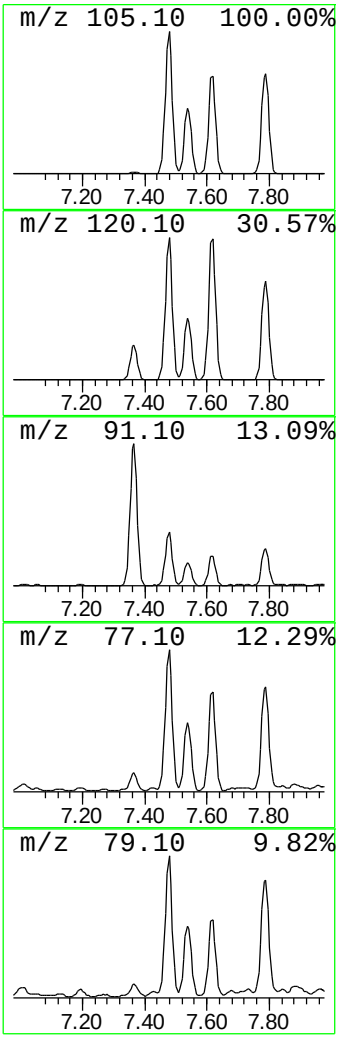
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	17.56 ng/ul	4141810	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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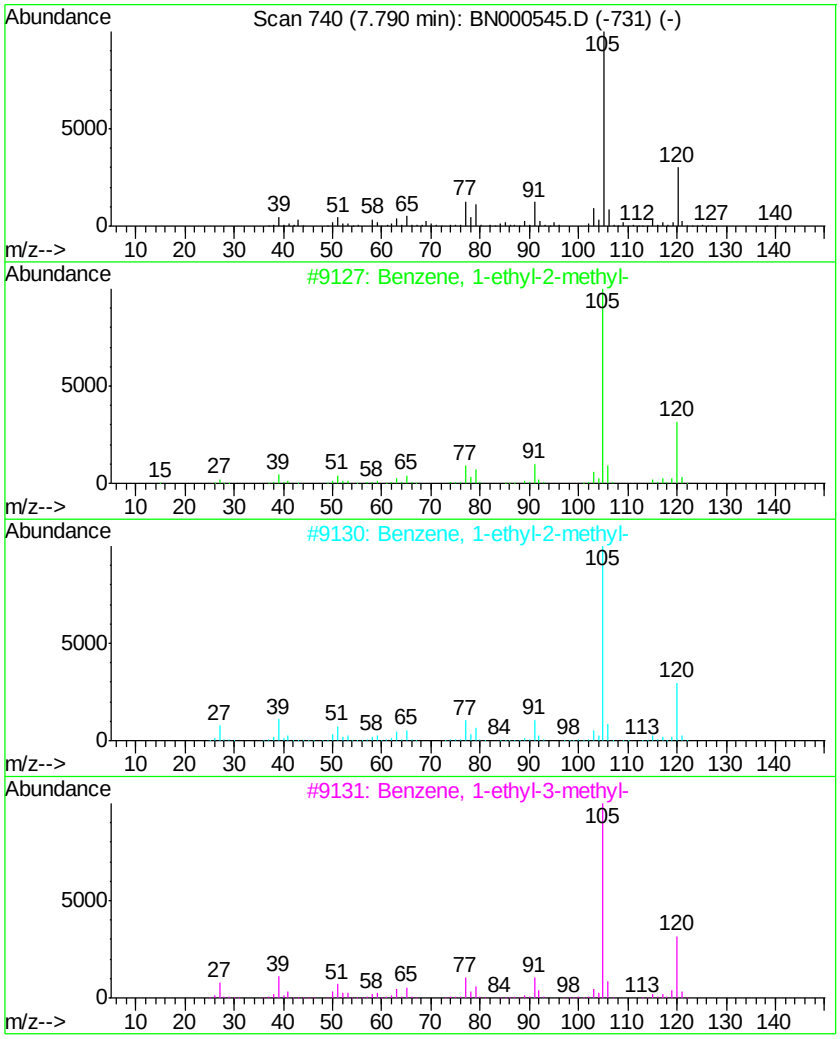
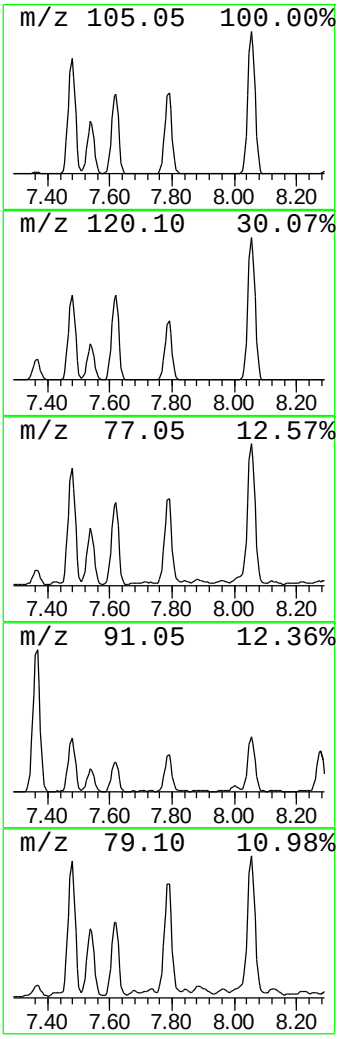
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	17.72 ng/ul	4178990	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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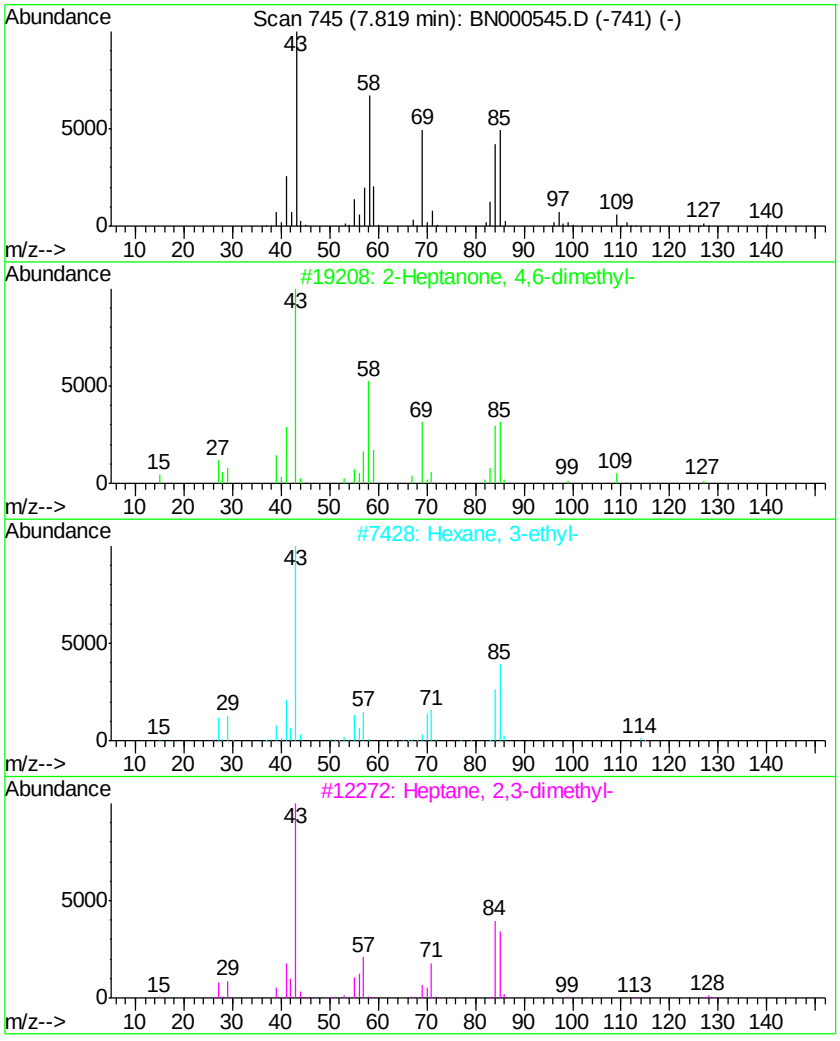
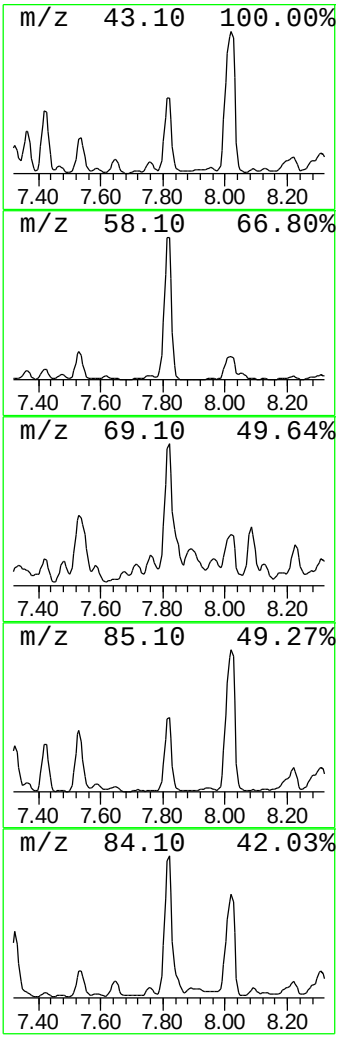
Peak Number 11 2-Heptanone, 4,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	26.04 ng/ul	6141060	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	37
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	35





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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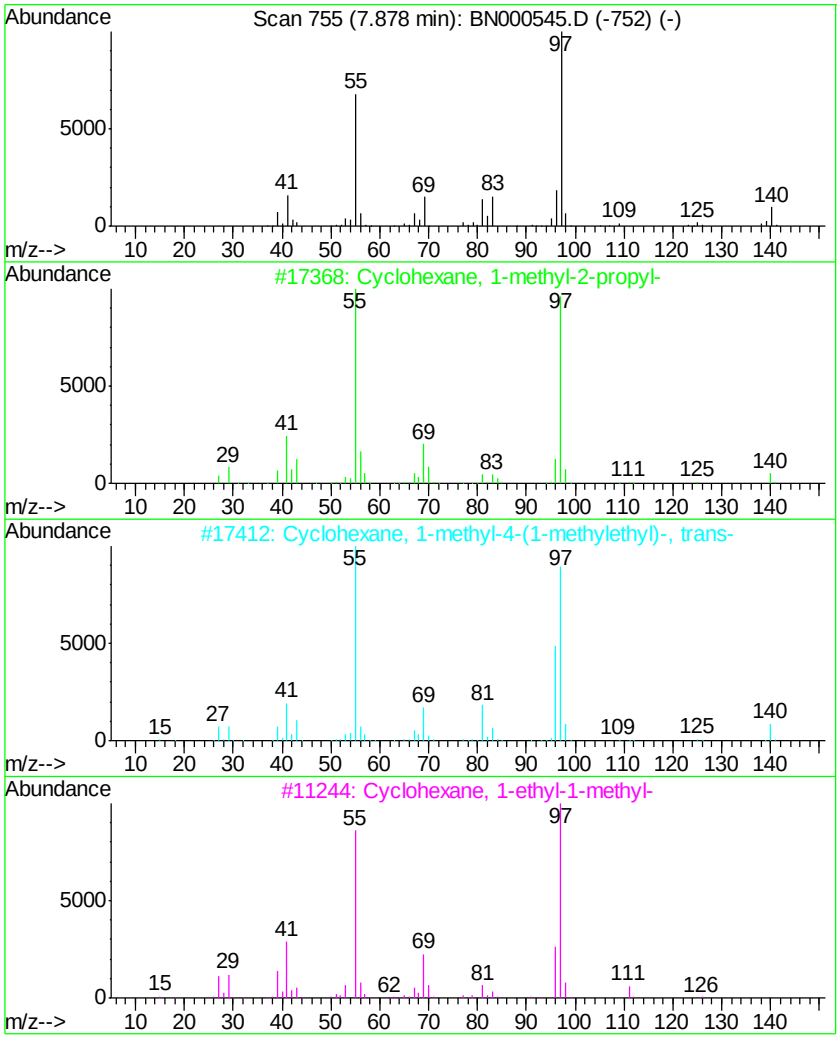
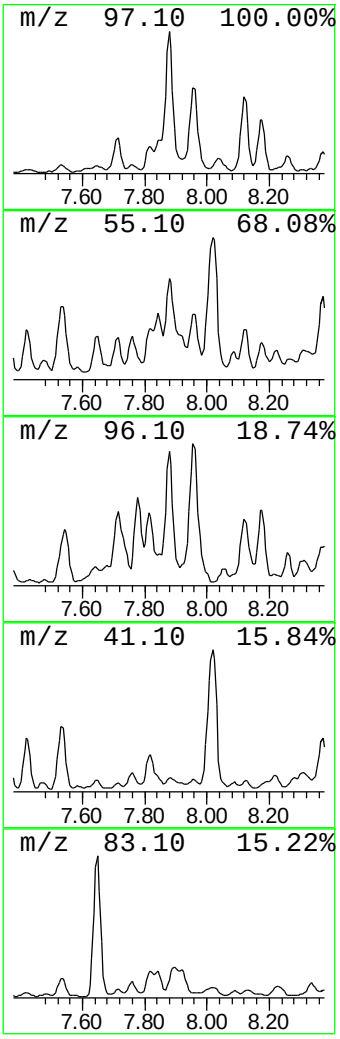
Peak Number 12 (DEL) Alkane: Cyclic7.88 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	10.71 ng/ul	2525480	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
5	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	53





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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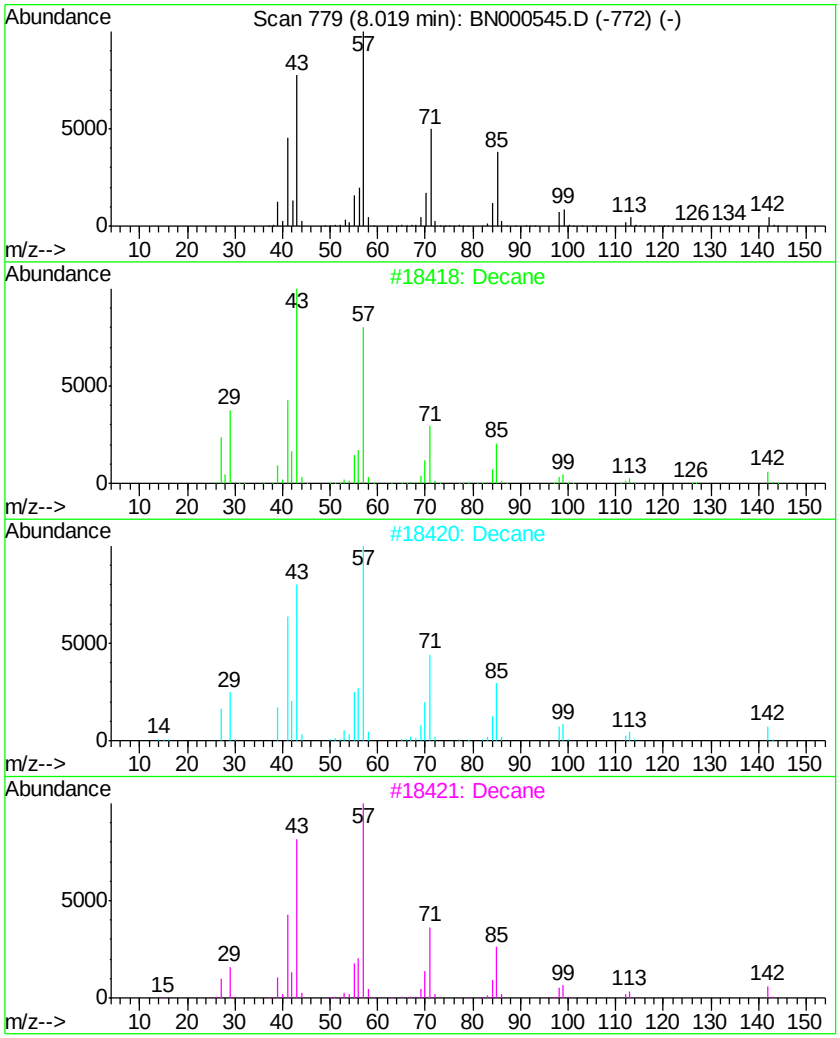
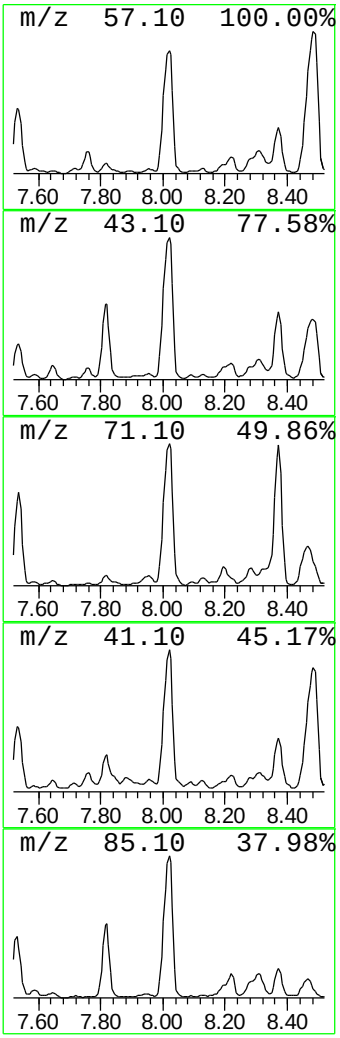
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	64.53 ng/ul	15220100	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	87
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	64





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Quant Title : SVOA CALIBRATION

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

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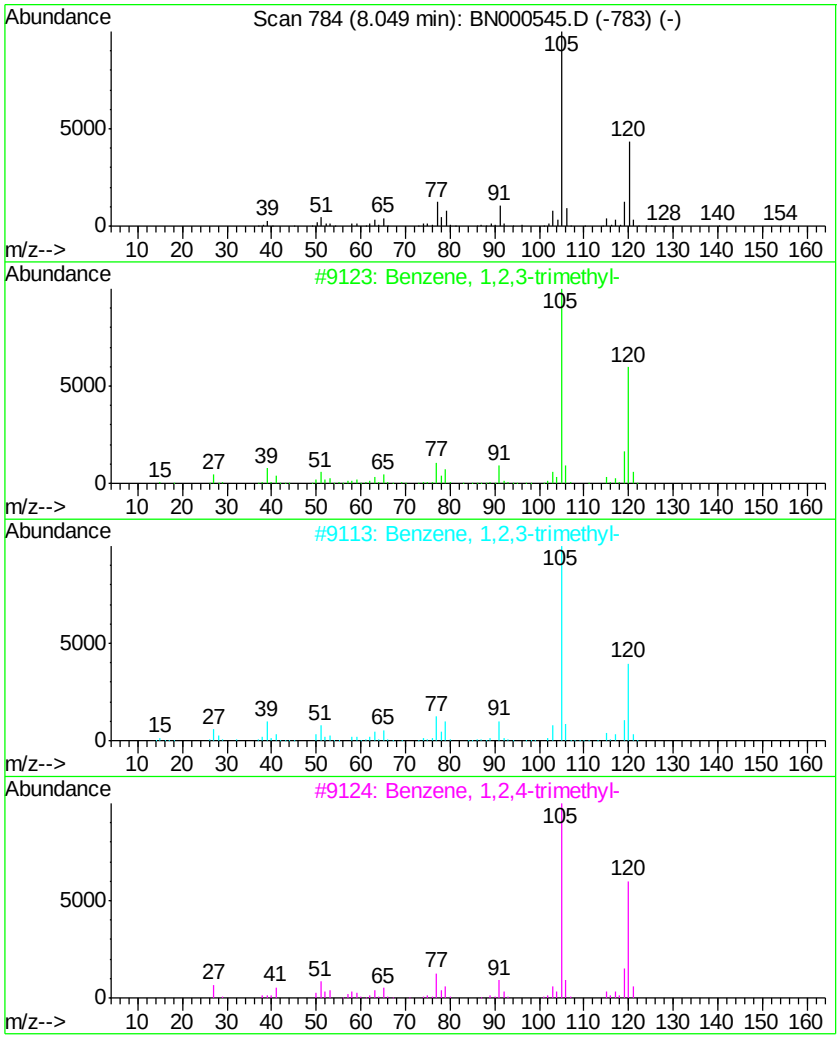
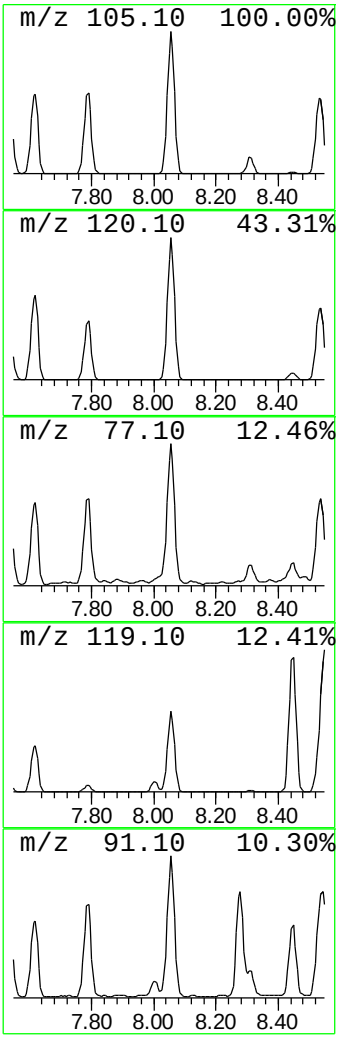
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	19.47 ng/ul	4592380	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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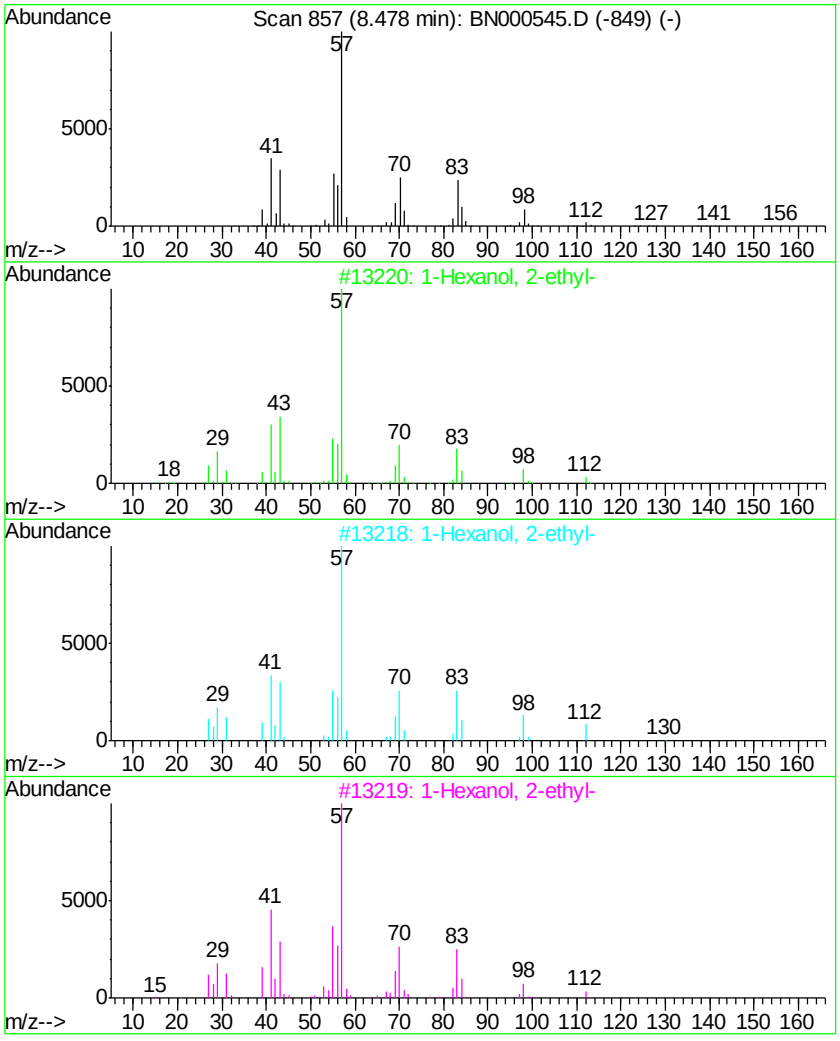
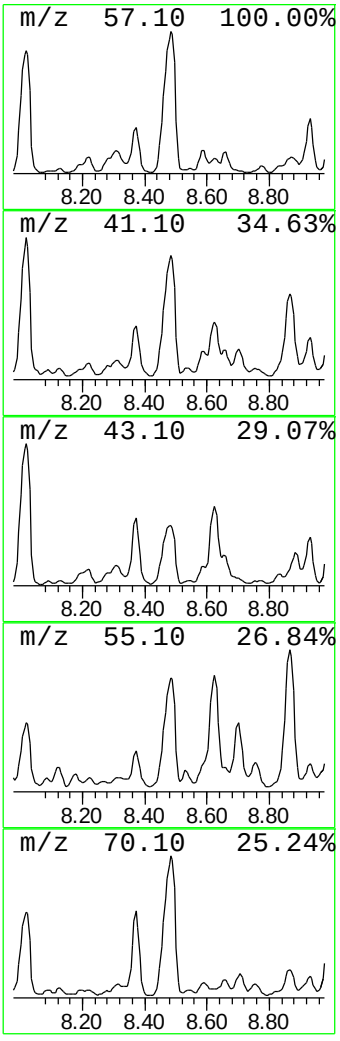
Peak Number 15 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	59.57 ng/ul	14051500	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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Quant Title : SVOA CALIBRATION

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

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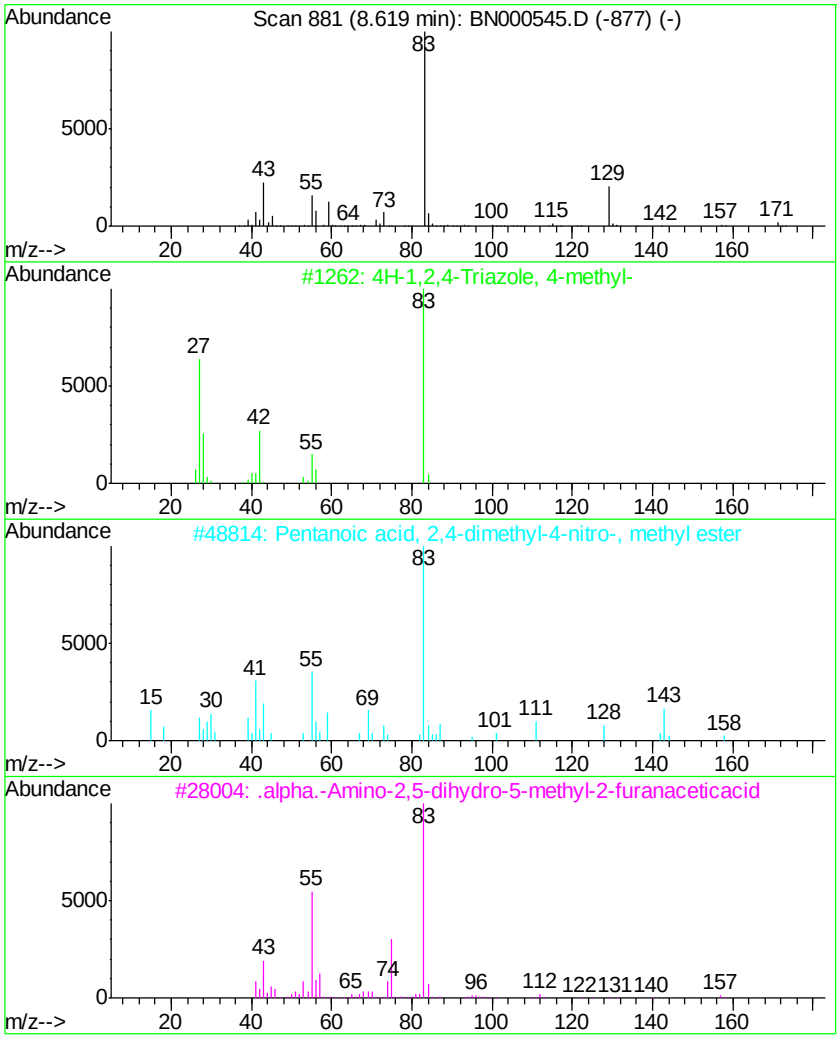
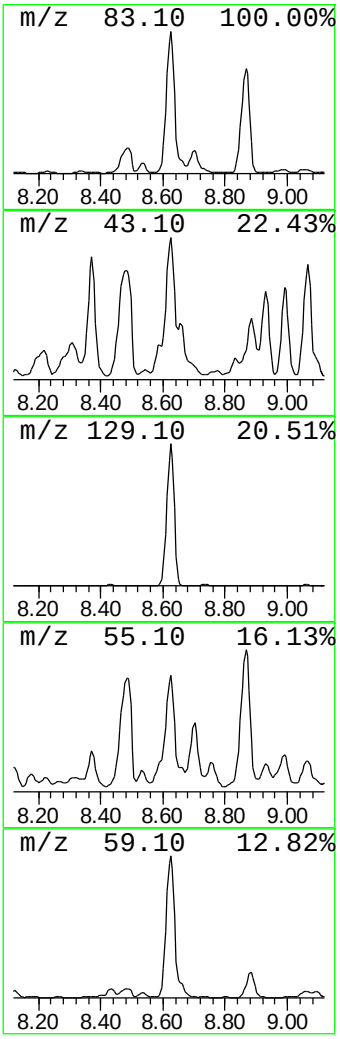
Peak Number 17 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	34.62 ng/ul	8165450	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	40
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
4	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	28
5	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	12





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Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

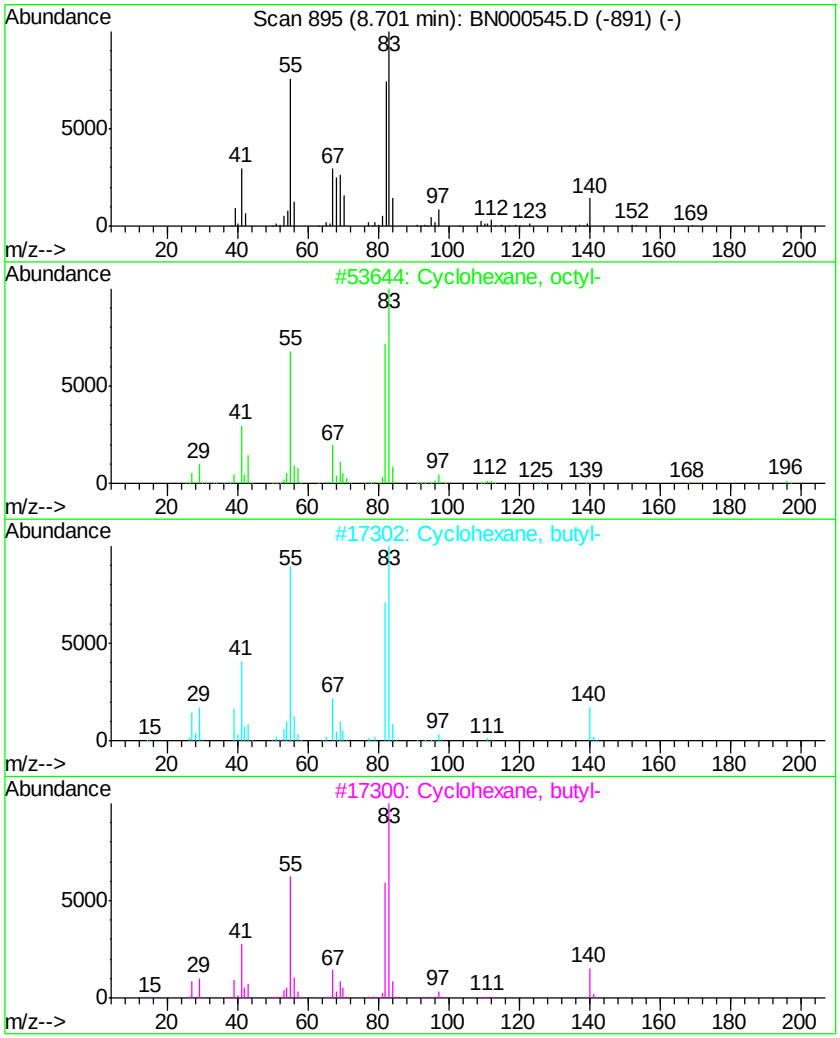
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

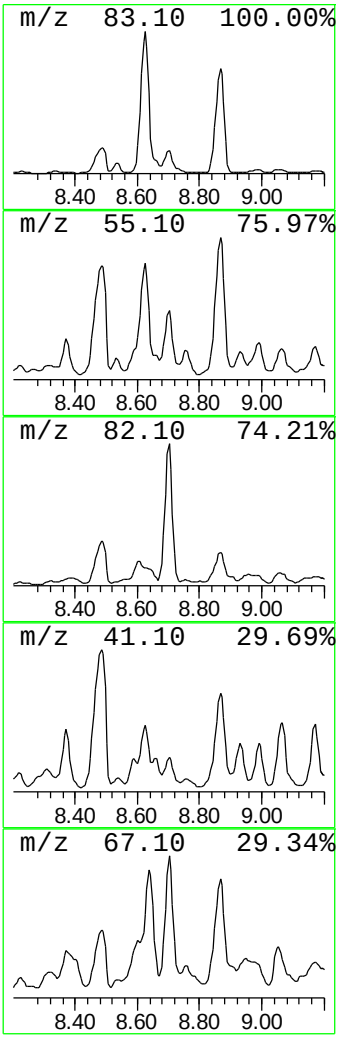
****

Peak Number 18 (DEL) Alkane: Cyclic8.70 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	12.17 ng/ul	2870270	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

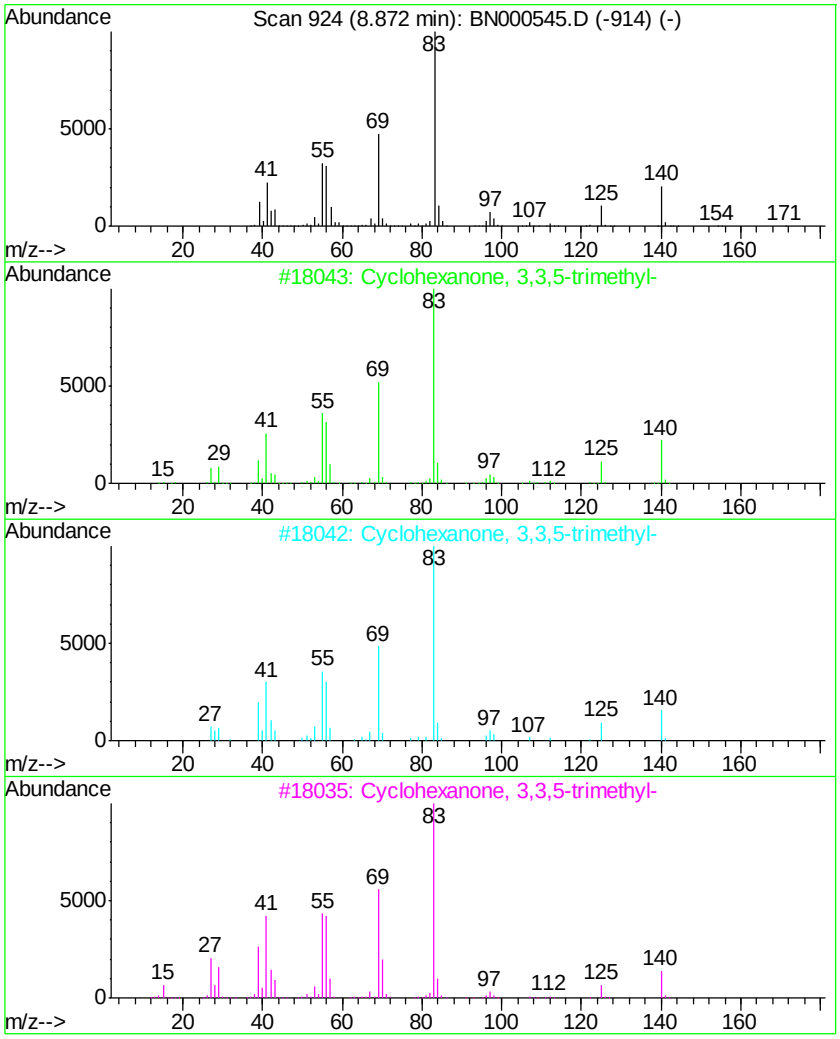
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

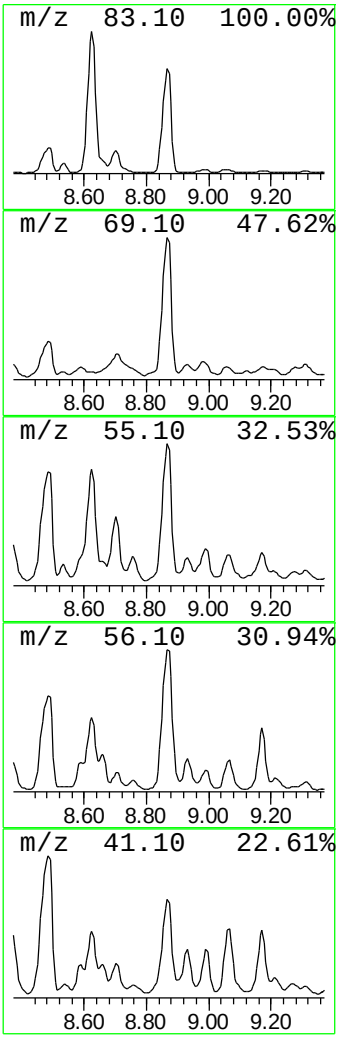
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	56.75 ng/ul	13385700	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	56





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

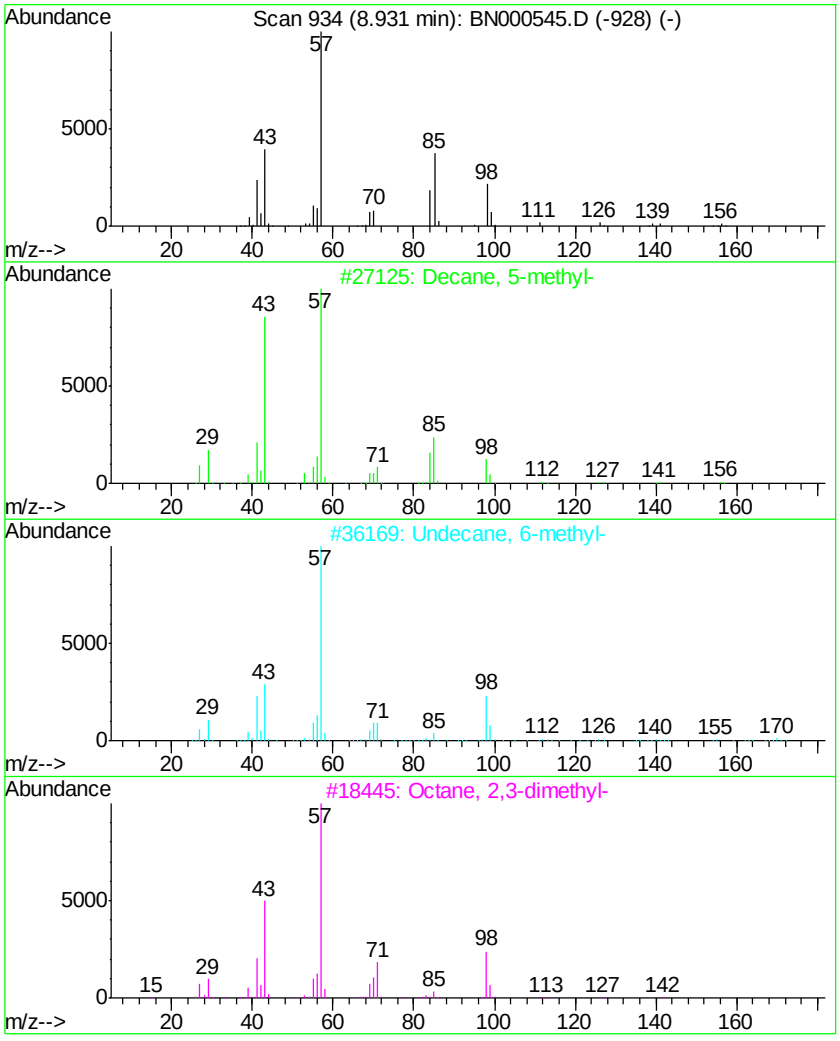
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

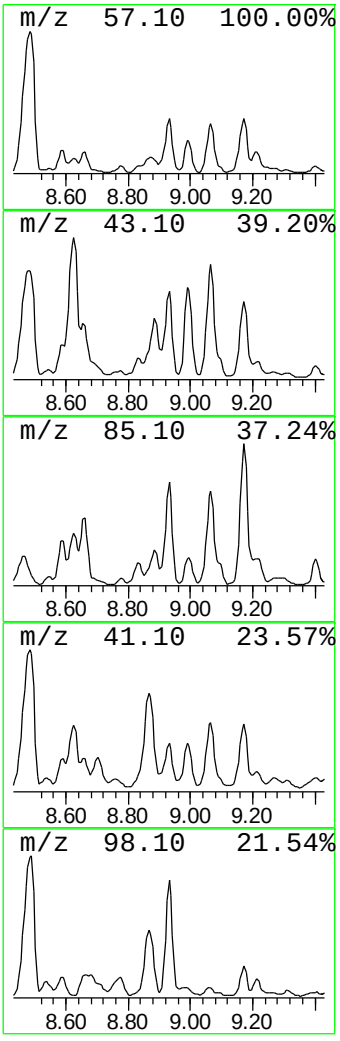
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	20.38 ng/ul	4807890	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	49
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	47
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	43
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

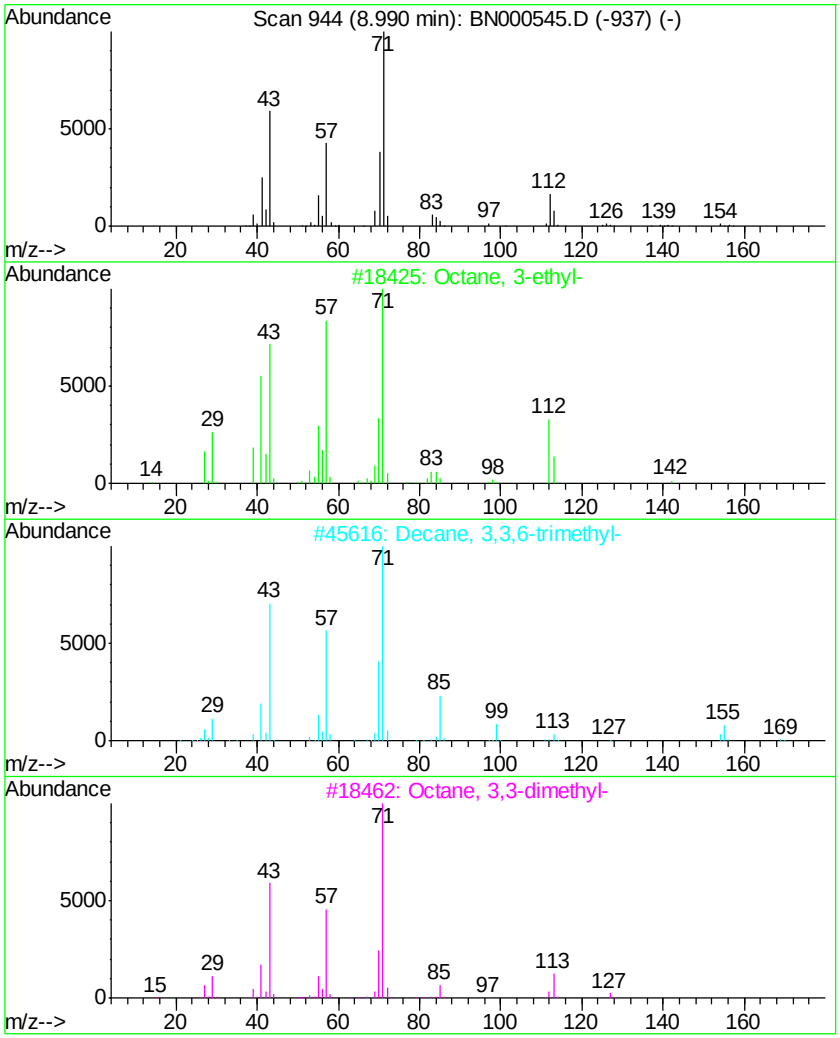
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

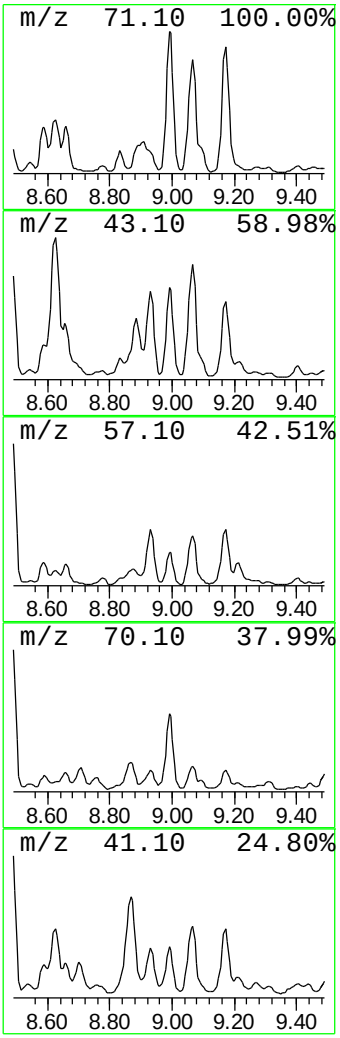
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	28.98 ng/ul	6835490	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	74
2	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	72
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	64
5	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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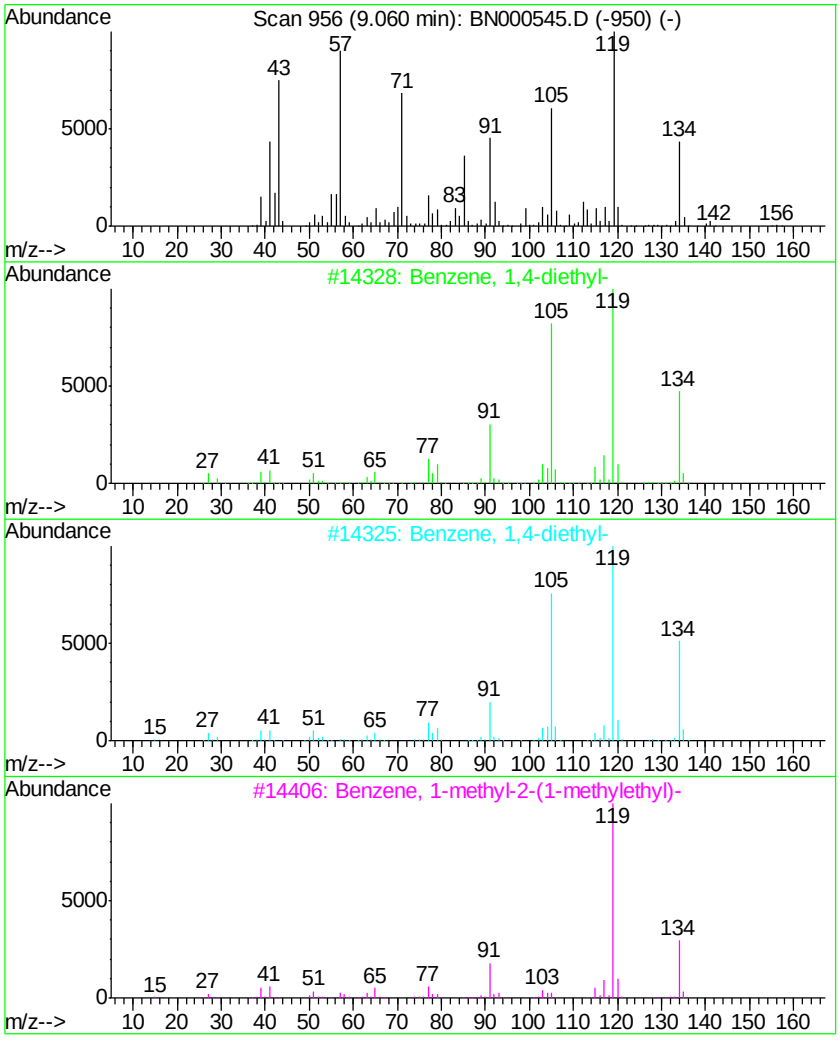
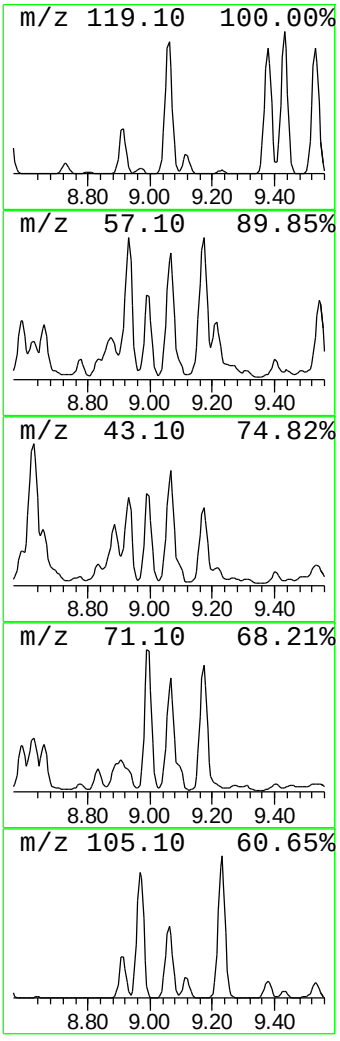
Peak Number 22 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	45.49 ng/ul	10730400	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	83
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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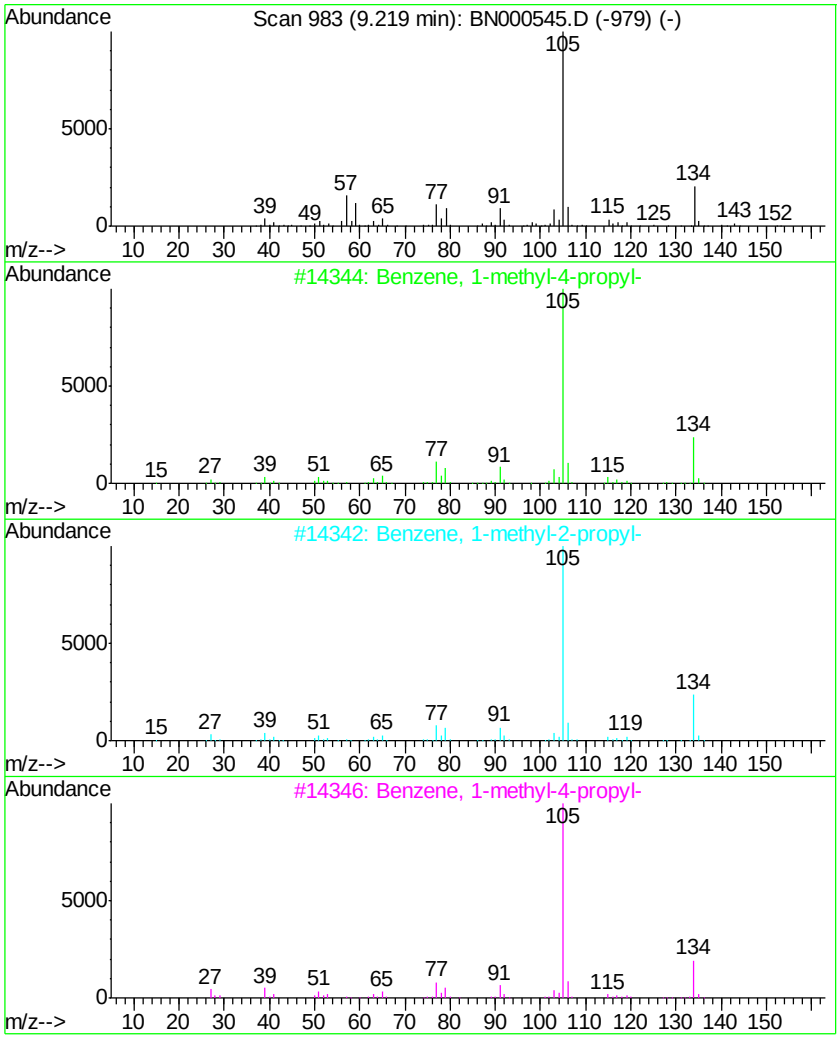
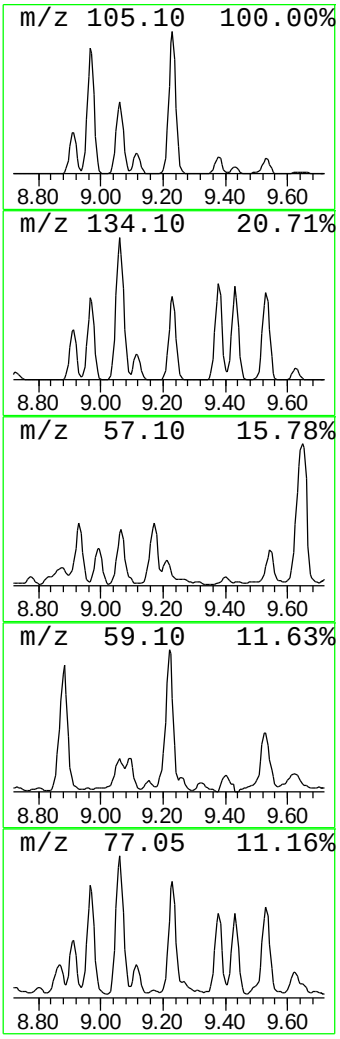
Peak Number 23 Benzene, 1-methyl-4-propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	14.56 ng/ul	3433440	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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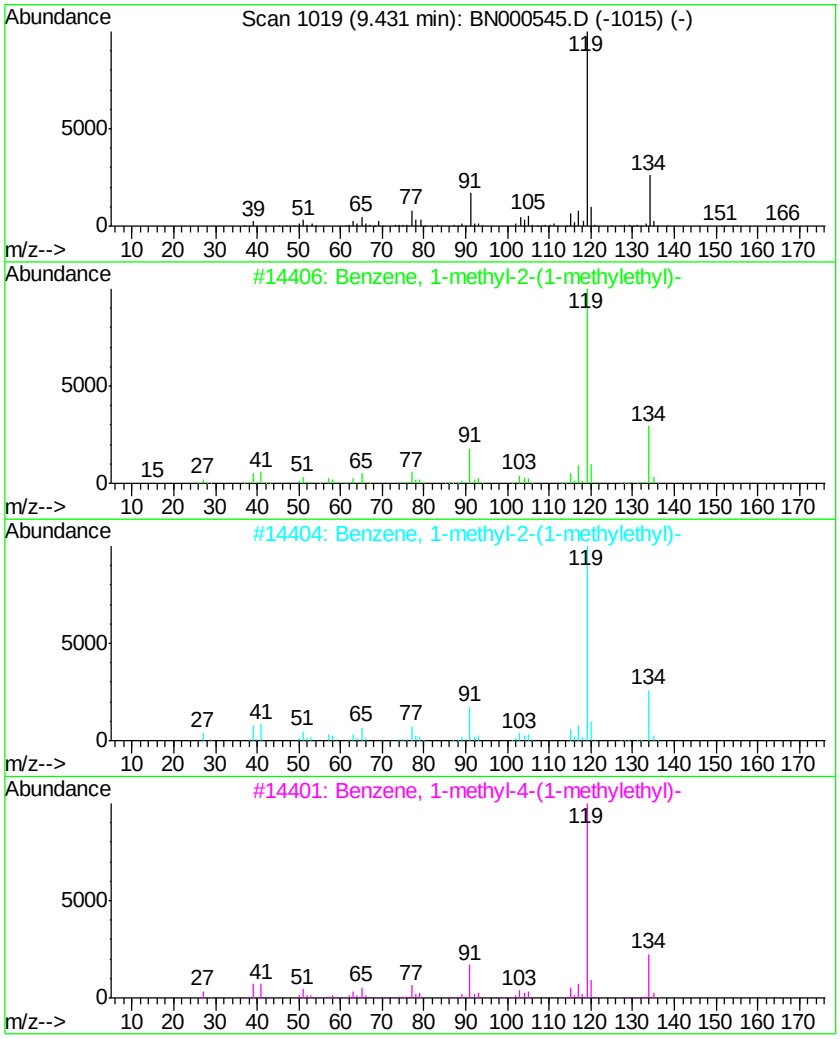
Quant Title : SVOA CALIBRATION

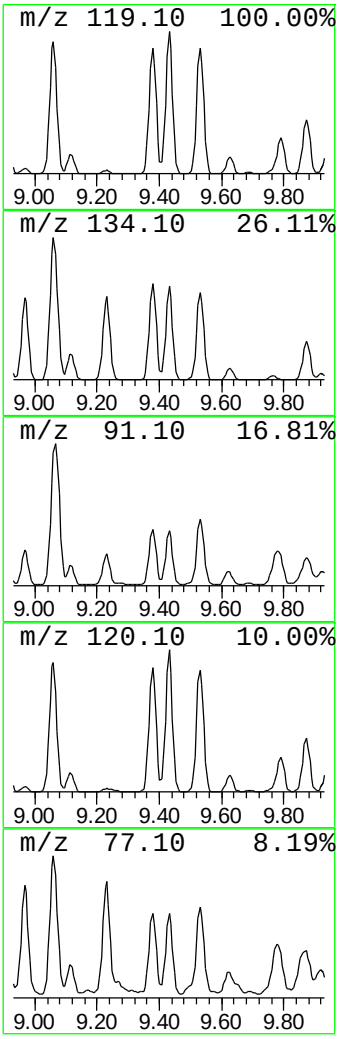
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-methyl-2-(1-meth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	13.86 ng/ul	3269640	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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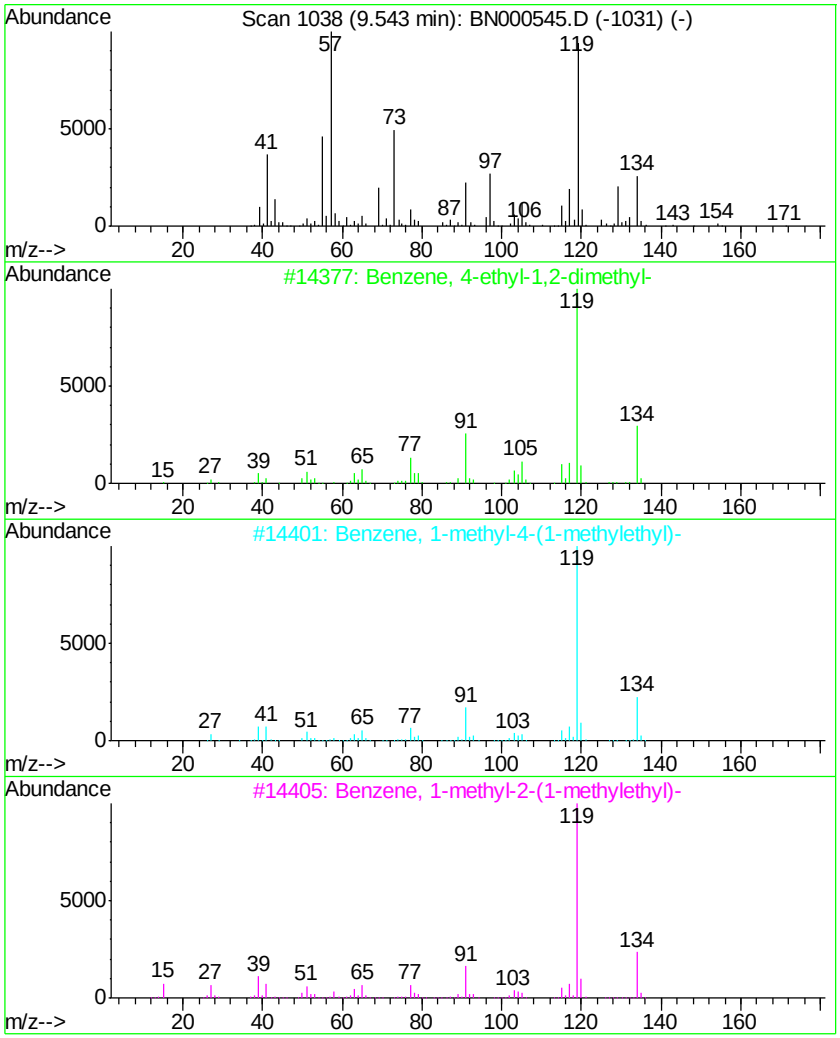
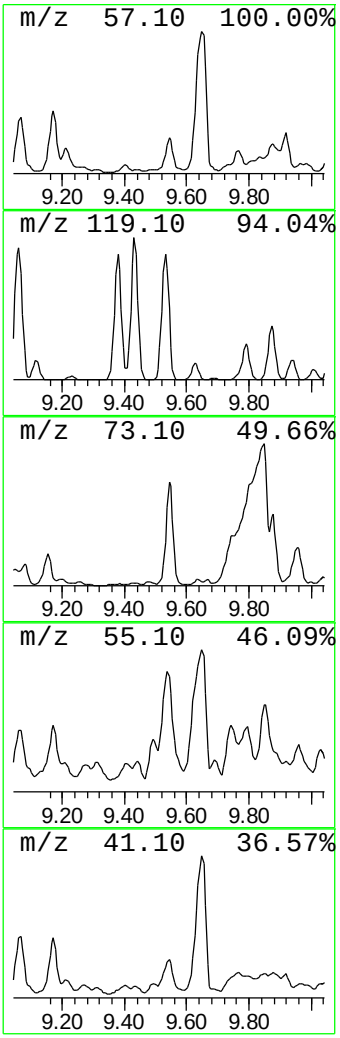
Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	27.61 ng/ul	6511600	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92





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Misc :
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Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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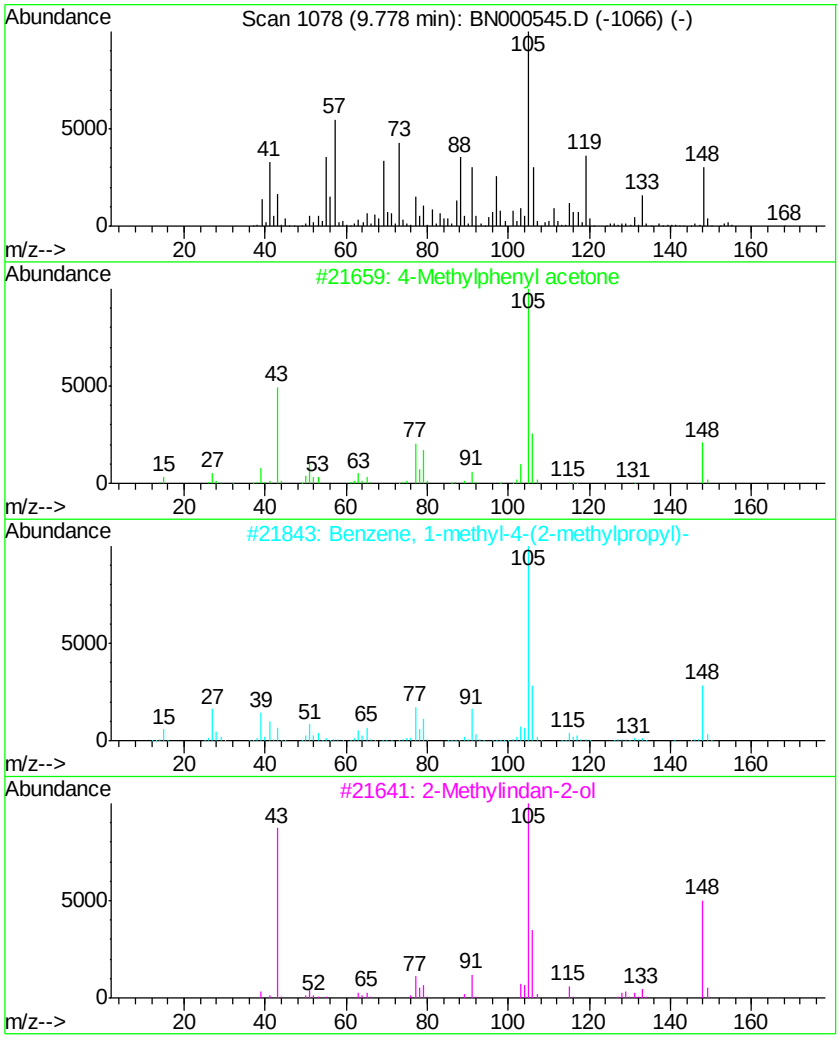
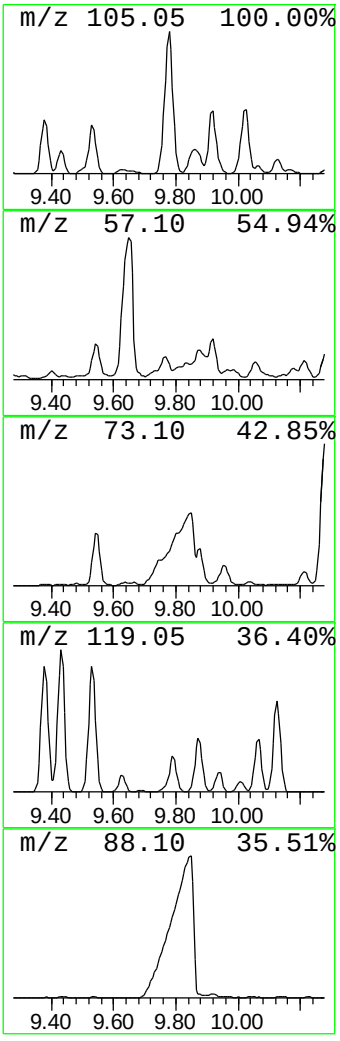
Peak Number 26 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	35.99 ng/ul	8488530	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	35
4	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	27
5	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	27





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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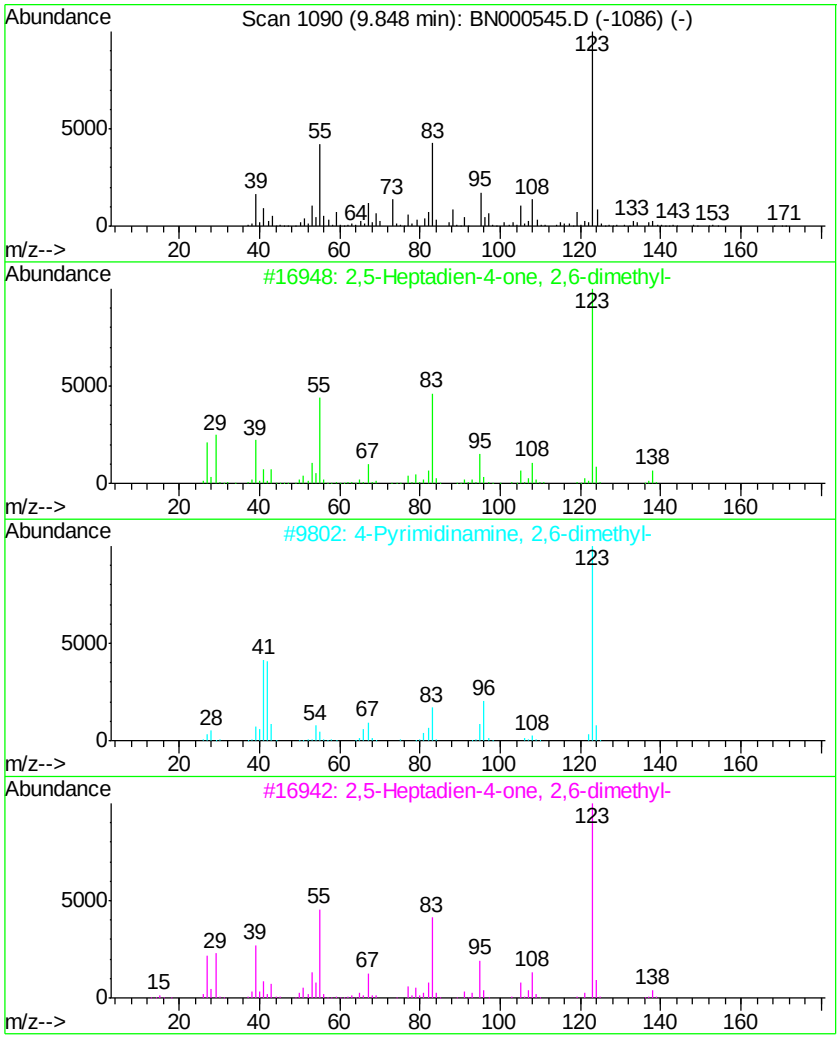
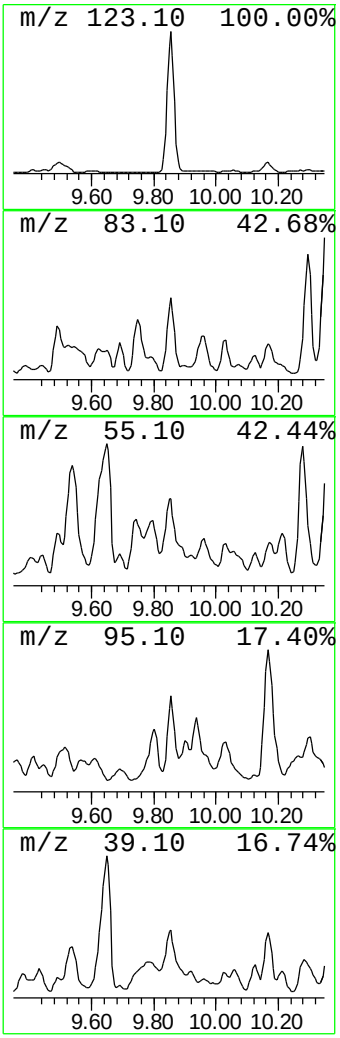
Peak Number 27 2,5-Heptadien-4-one, 2,6-di... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	10.02 ng/ul	5556730	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	64
2	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	43
3	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	43
4	3-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25FO2	1000279-01-9	43
5	2-Cyclopenten-1-one, 3,4,5,5-tet...	138	C9H14O	090611-02-2	43





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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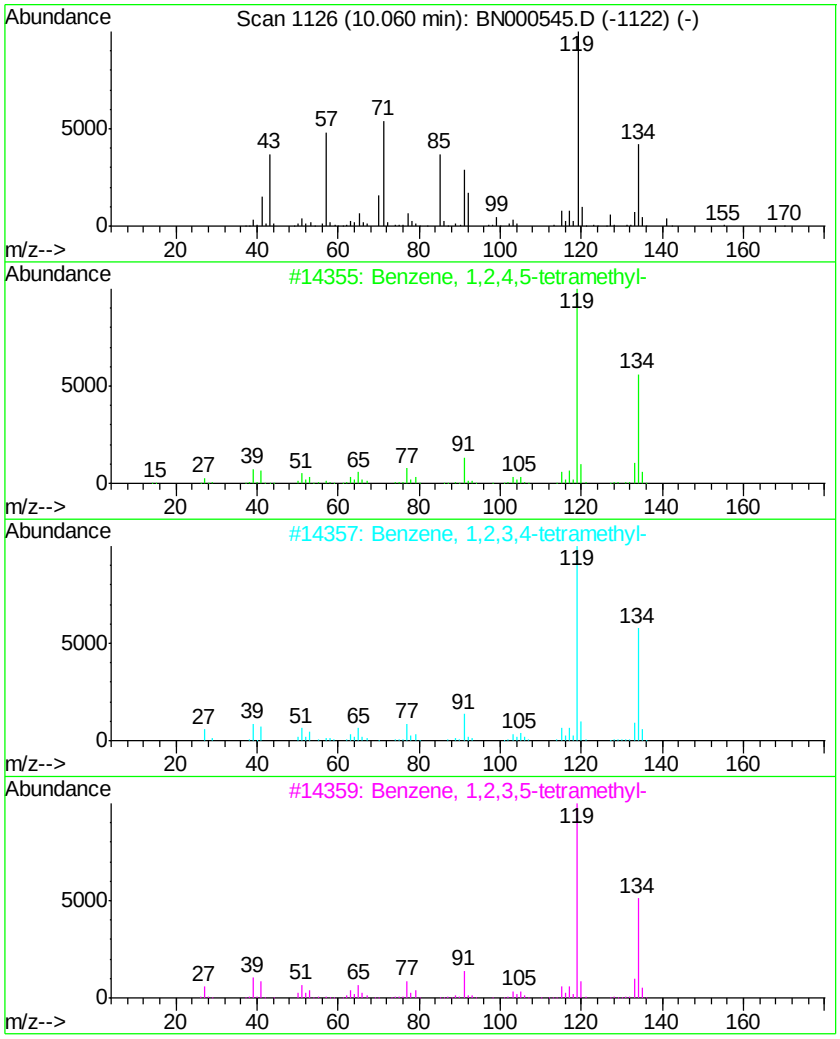
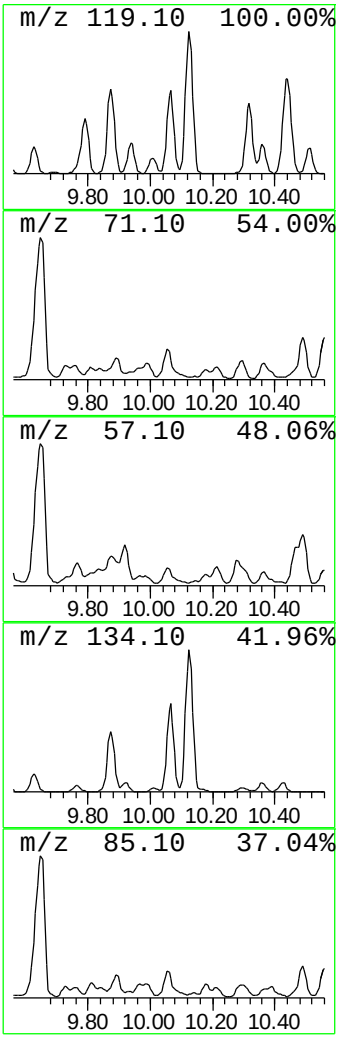
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	5.29 ng/ul	2931310	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64





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Quant Title : SVOA CALIBRATION

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

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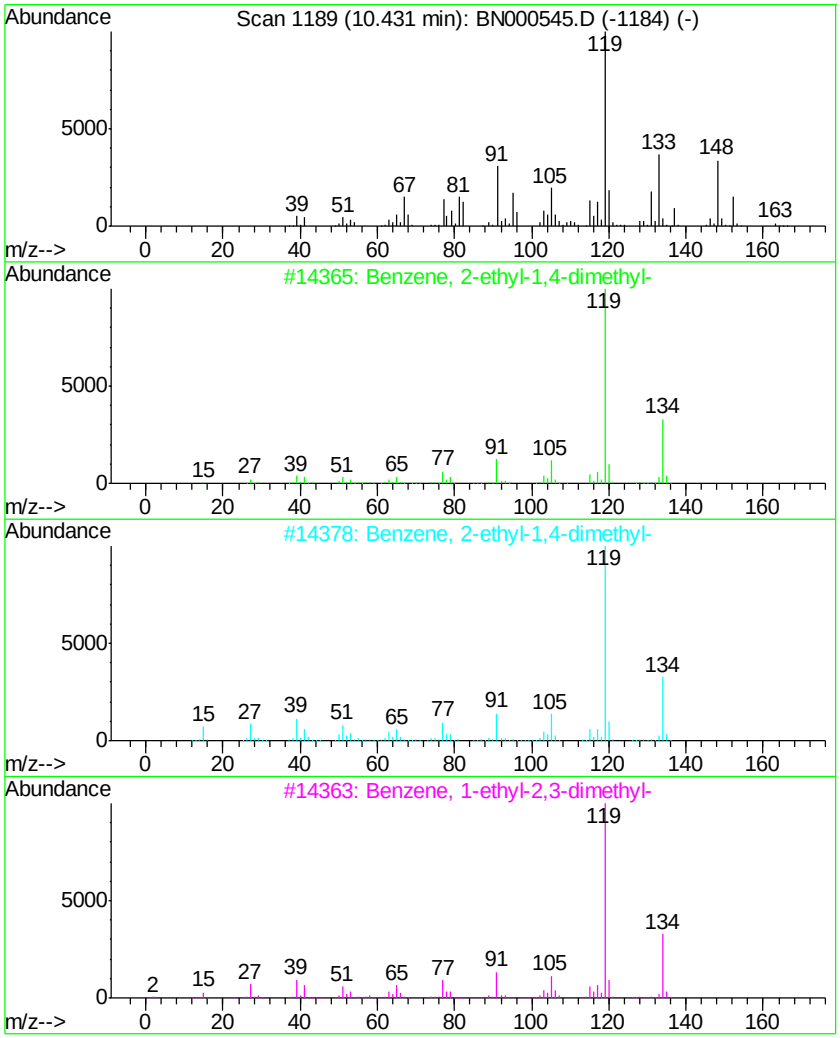
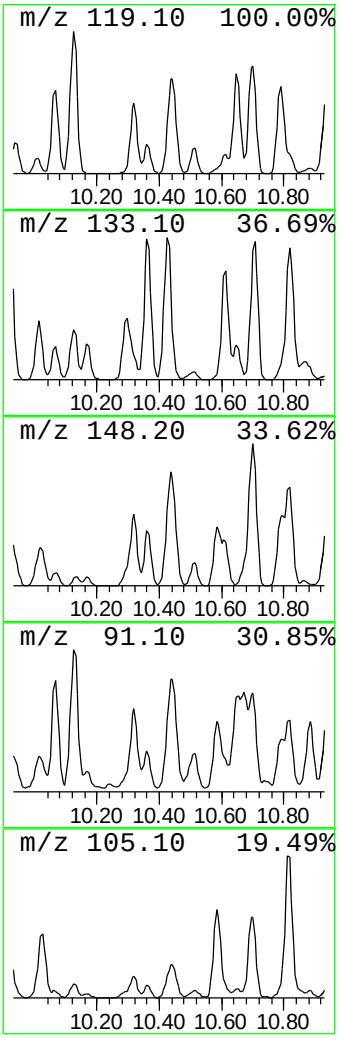
Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.71 ng/ul	2055190	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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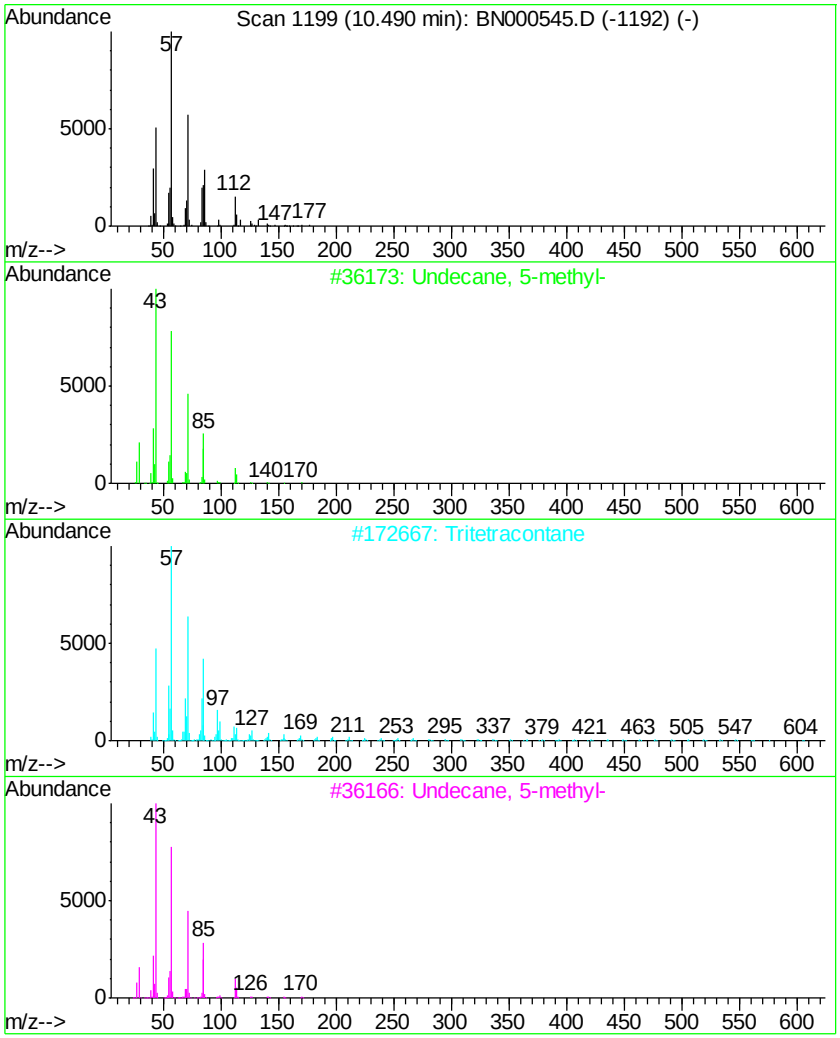
Quant Title : SVOA CALIBRATION

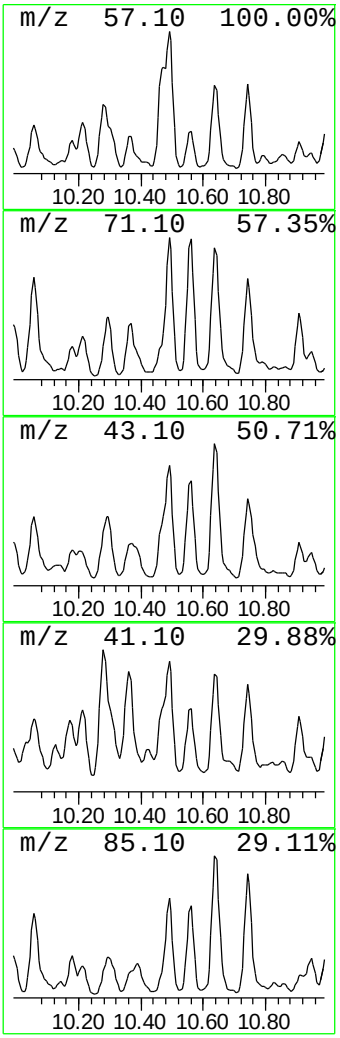
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	9.35 ng/ul	5182490	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
2	Tritetracontane	605	C43H88	007098-21-7	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	53
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

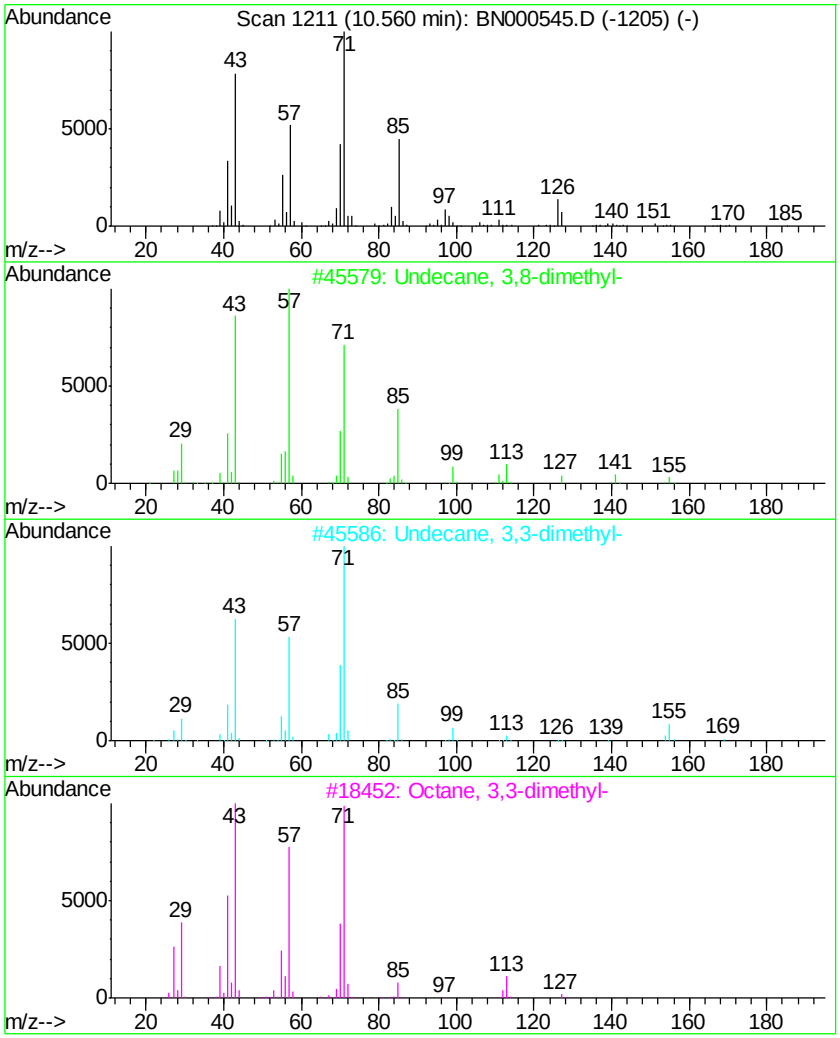
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

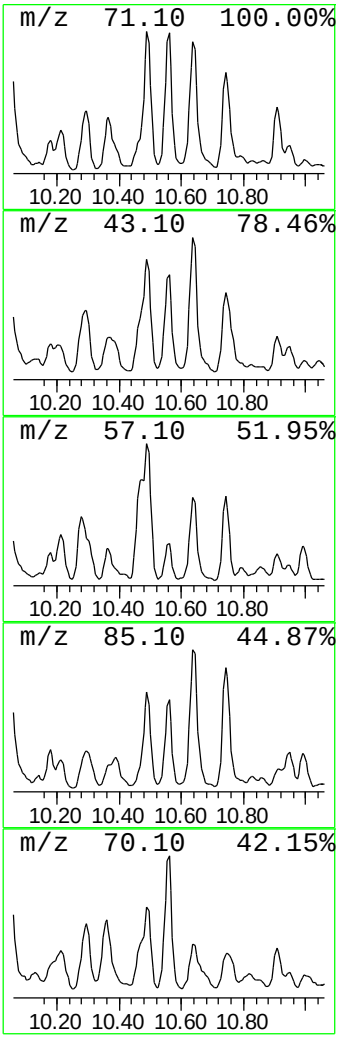
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	5.00 ng/ul	2769870	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
2	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	47
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	47
5	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	47





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

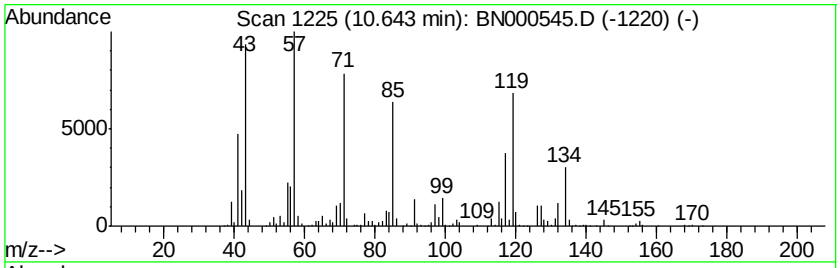
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

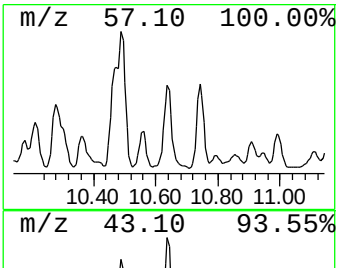
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	7.65 ng/ul	4242010	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	30
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	30
3	Tetradecane	198	C14H30	000629-59-4	30
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

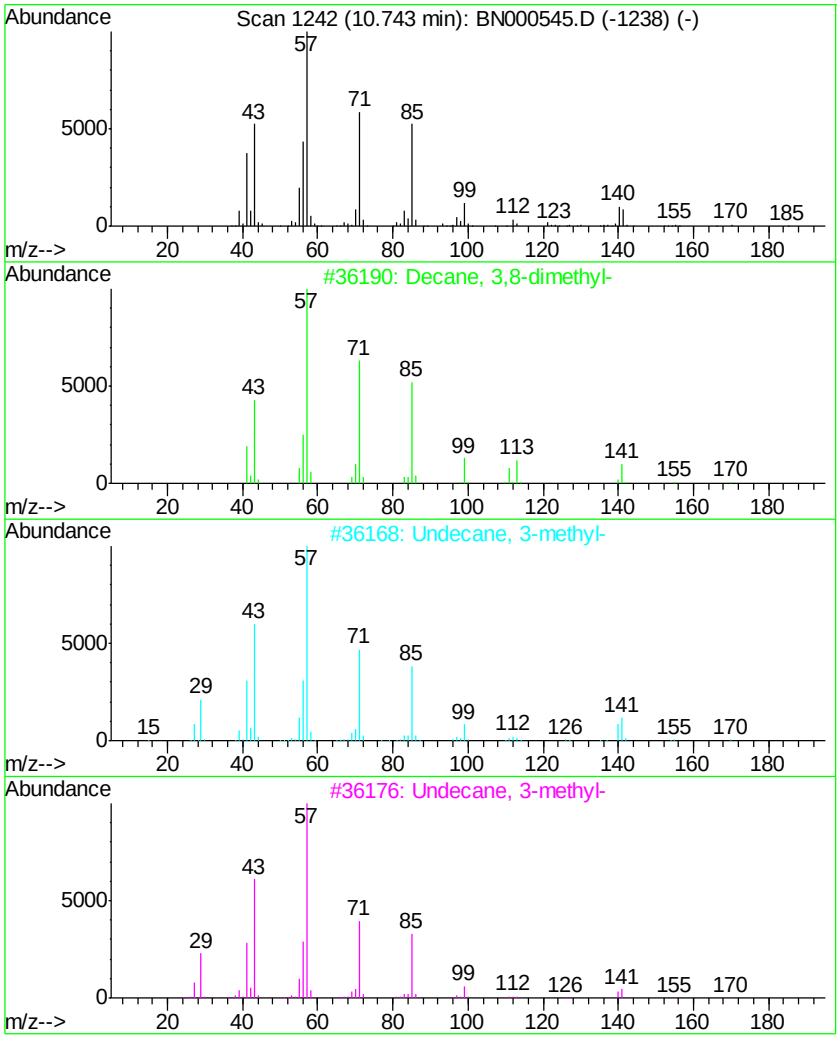
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

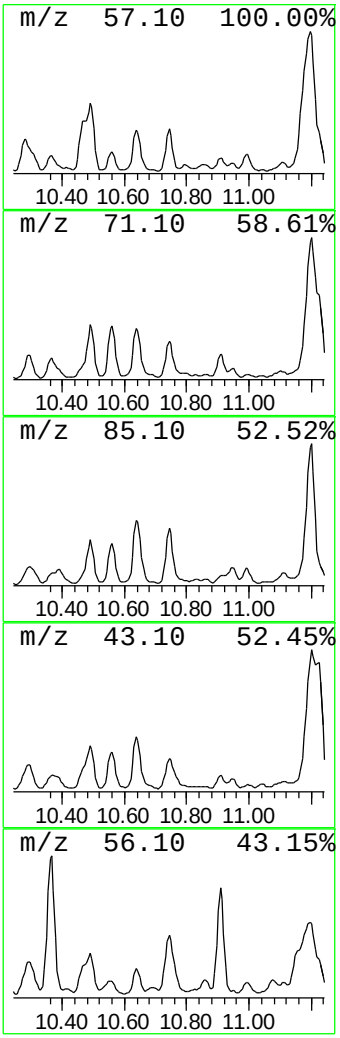
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.62 ng/ul	2563640	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	81
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	50





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

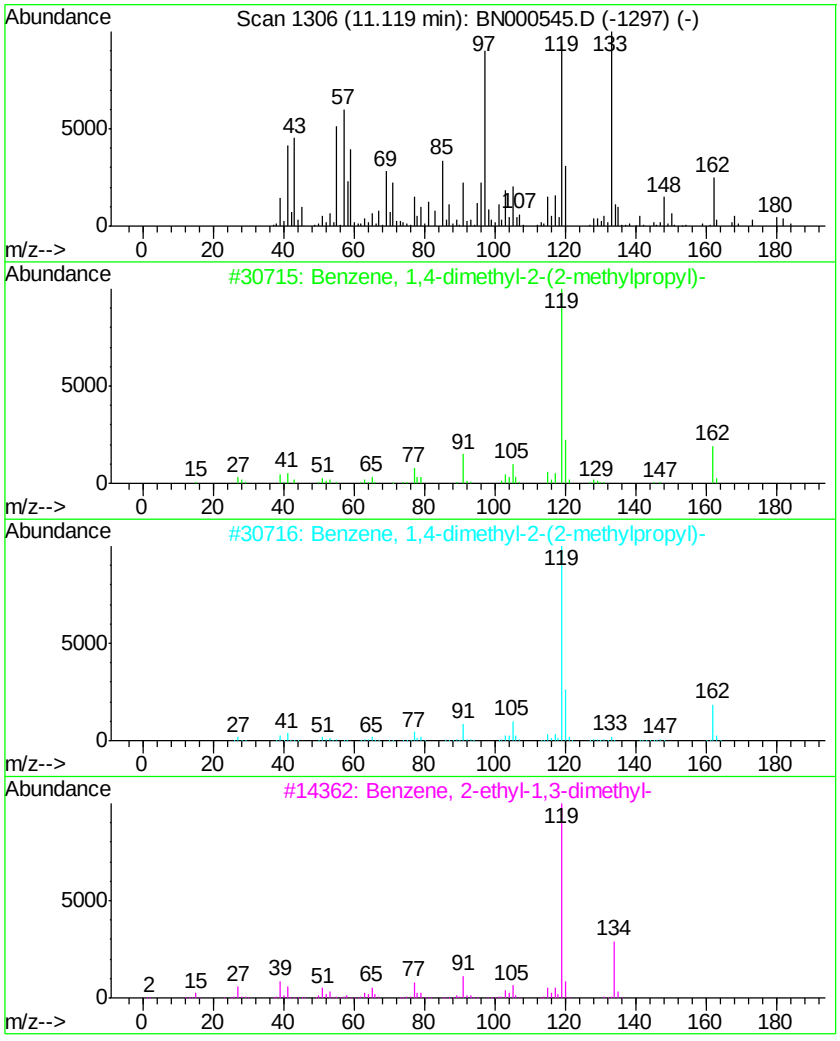
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

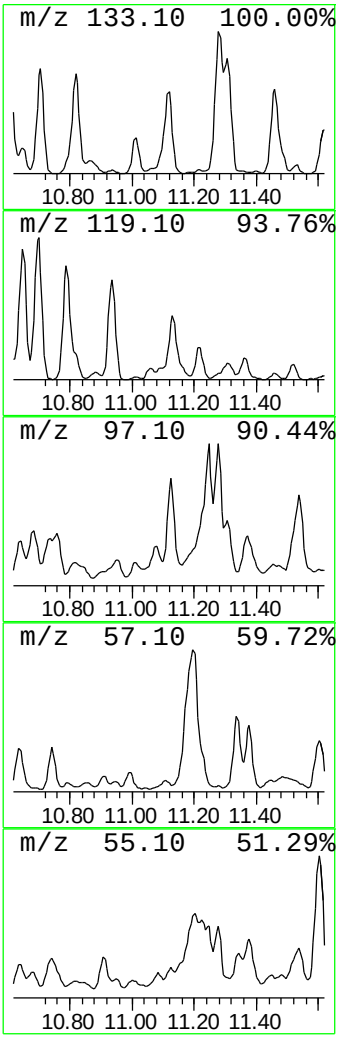
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.28 ng/ul	2371360	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	43
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
4	1,3-Dithiolane, 2-methyl-2-propyl-	162	C7H14S2	057230-59-8	38
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	38





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

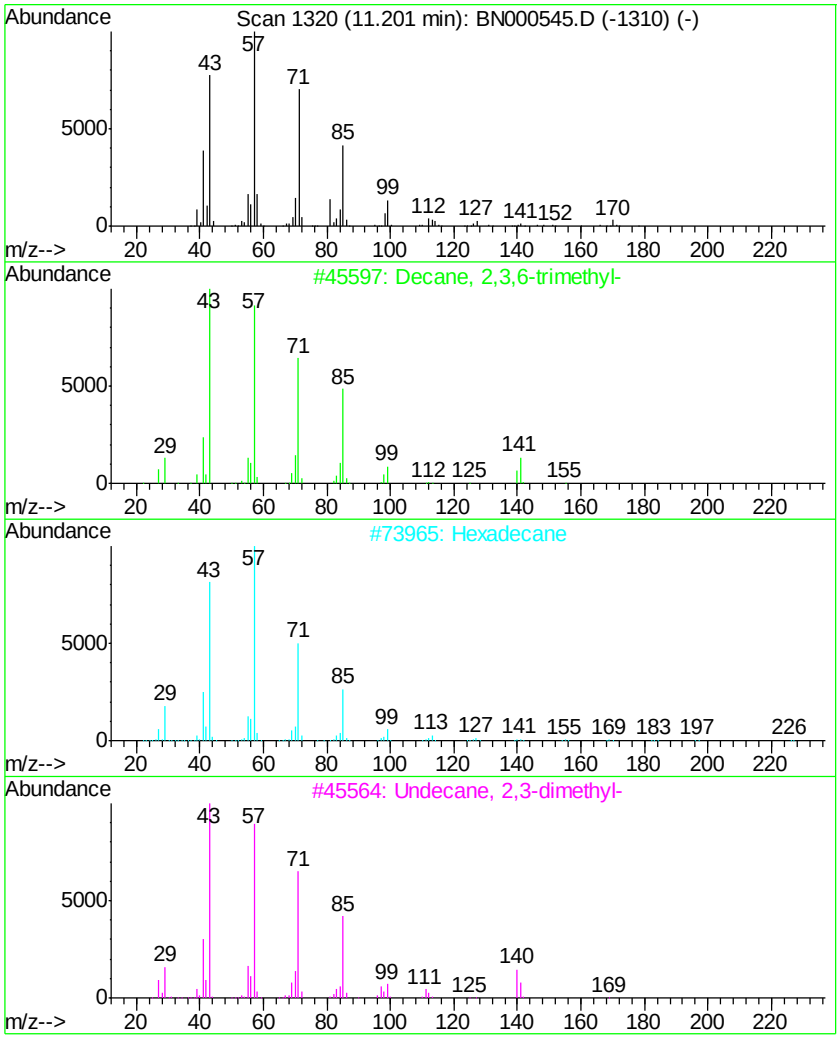
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

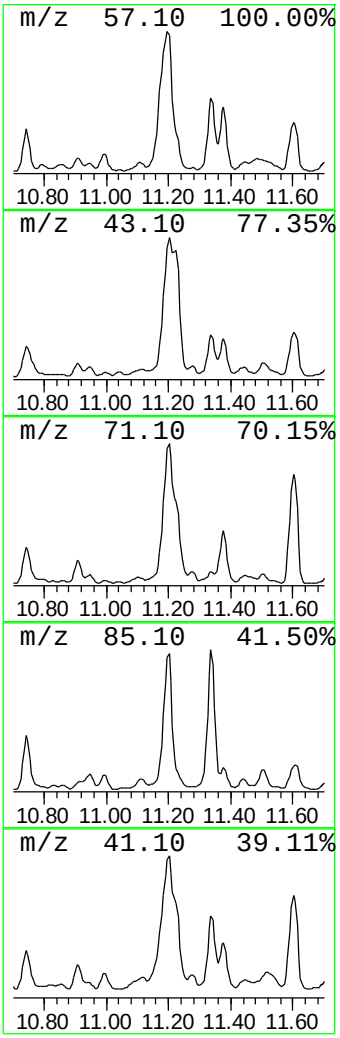
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	20.00 ng/ul	11089600	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
2	Hexadecane	226	C16H34	000544-76-3	78
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5	Tridecane	184	C13H28	000629-50-5	59





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

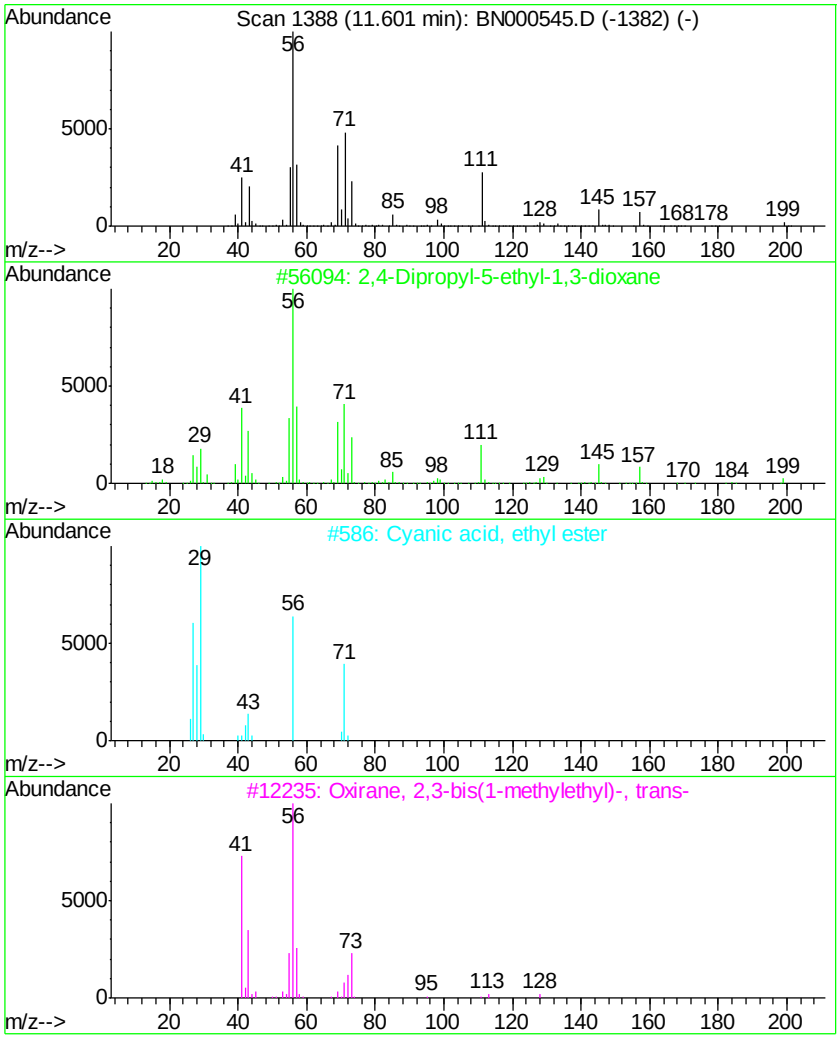
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

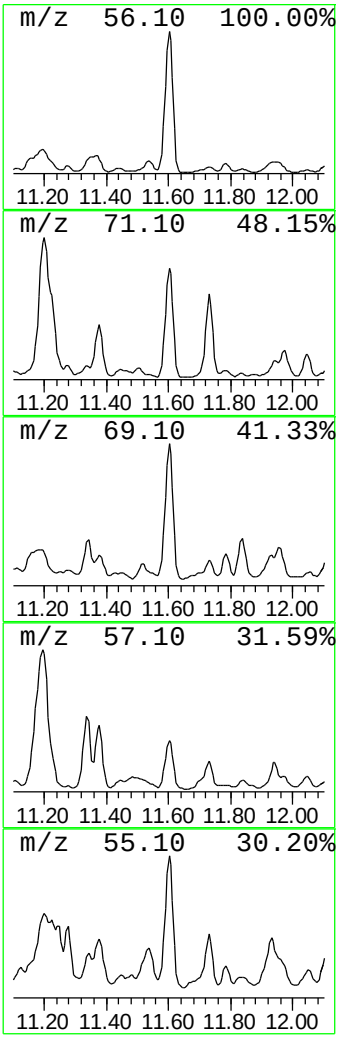
****

Peak Number 36 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	16.99 ng/ul	9422040	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	56
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	52
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
4	Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	40
5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	23





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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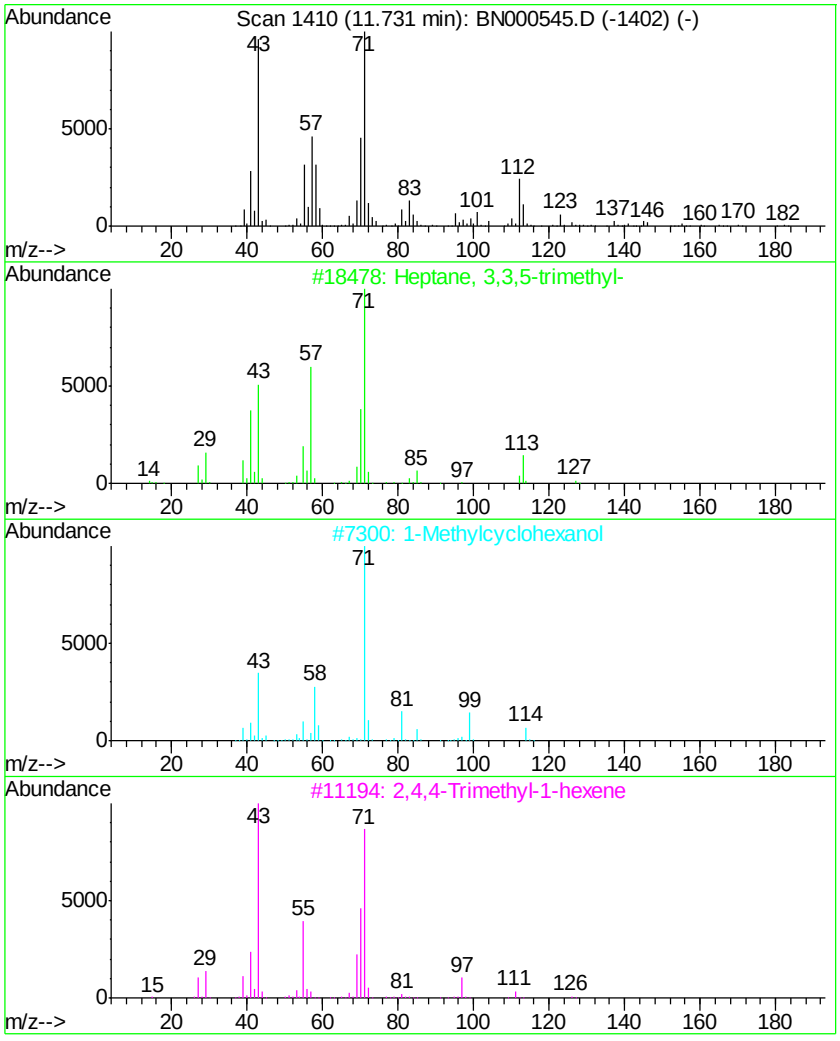
Quant Title : SVOA CALIBRATION

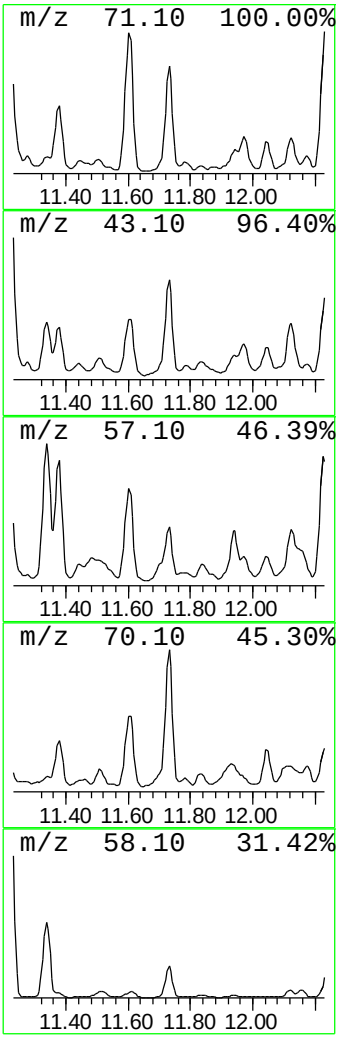
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.86 ng/ul	4357440	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
2	1-Methylcyclohexanol	114	C7H14O	000590-67-0	47
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
4	1-Methylcycloheptanol	128	C8H16O	003761-94-2	47
5	1-Methylcyclohexanol	114	C7H14O	000590-67-0	47





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

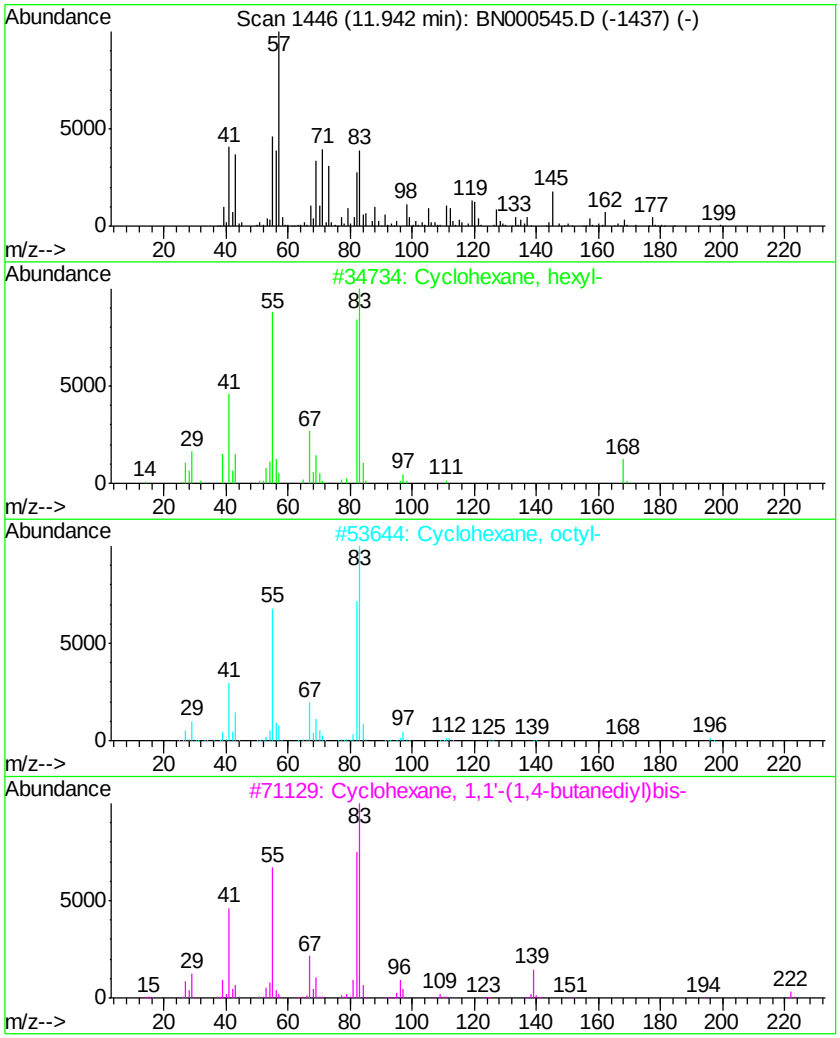
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

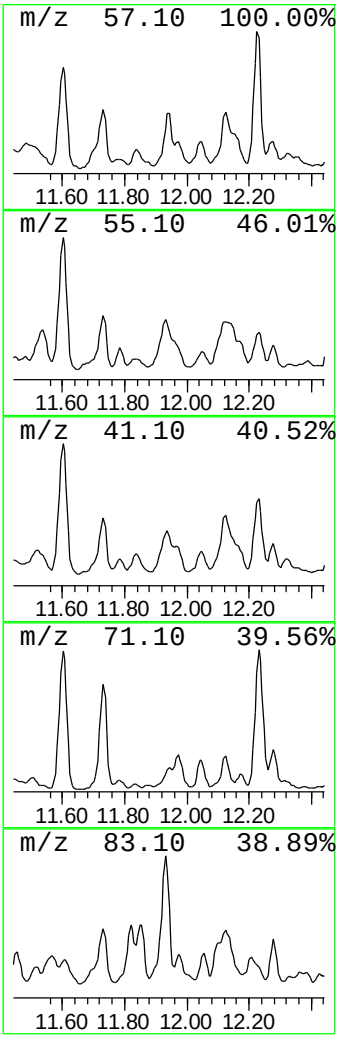
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.61 ng/ul	4219630	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	27
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	27
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	27
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	27





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

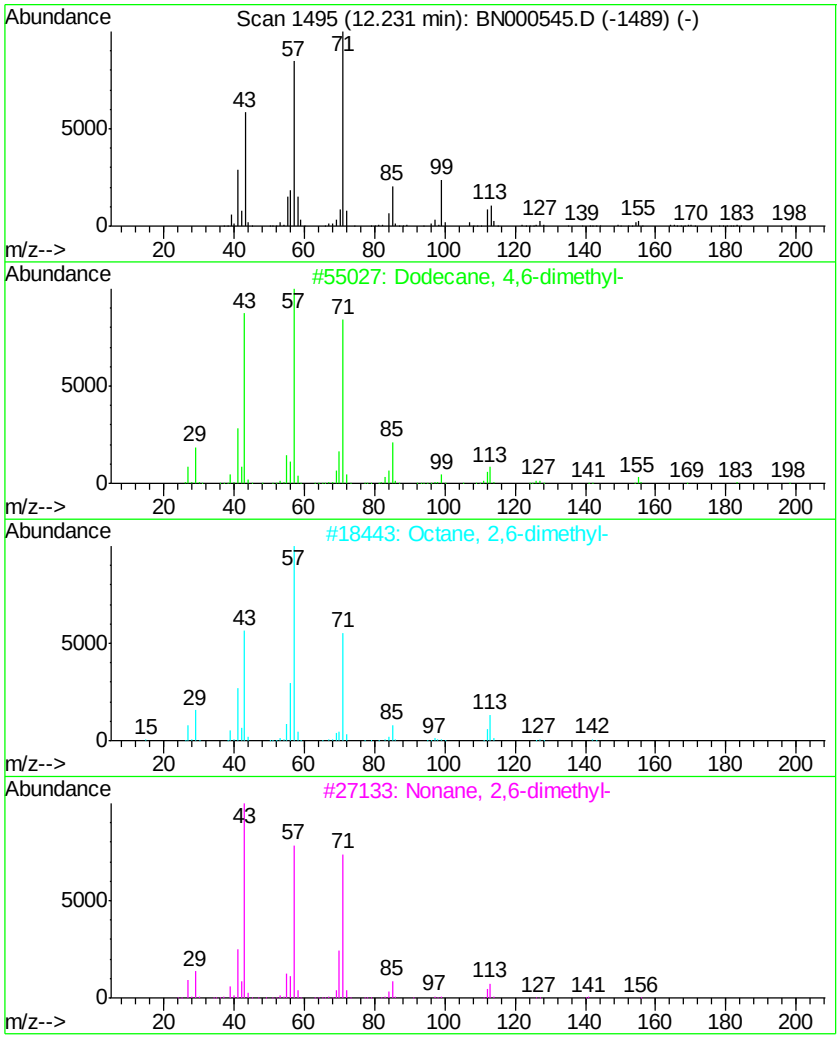
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

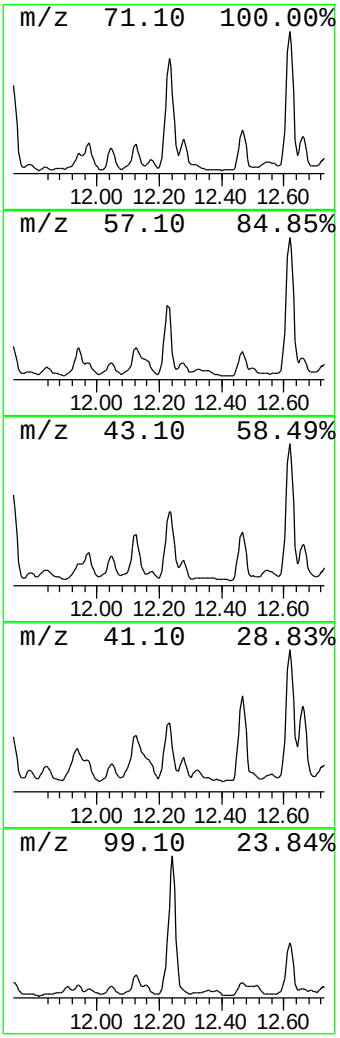
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	9.11 ng/ul	5052270	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
4	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	53
5	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	50





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

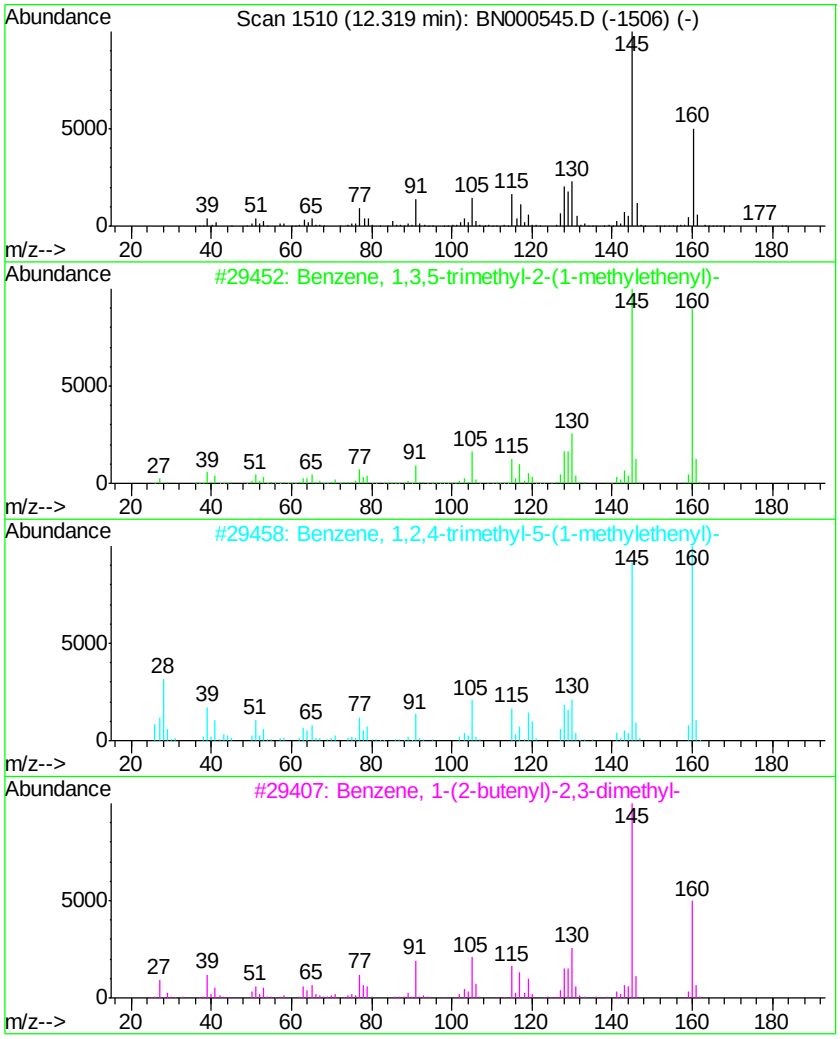
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

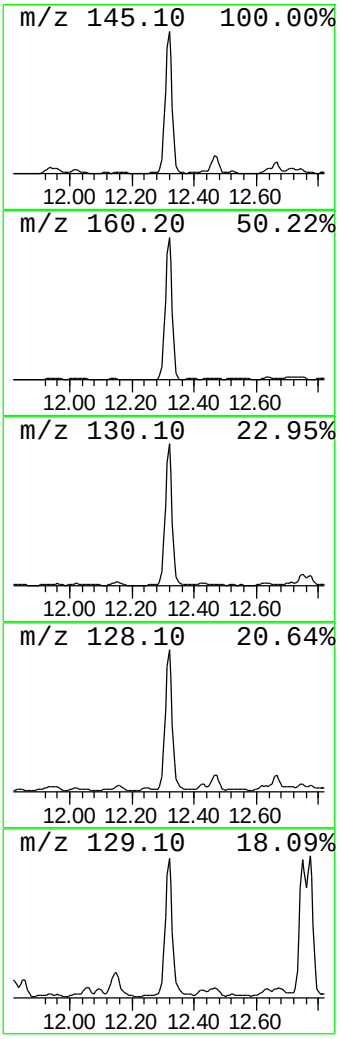
****

Peak Number 41 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	13.32 ng/ul	7386380	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	95
2	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	94
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91





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Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

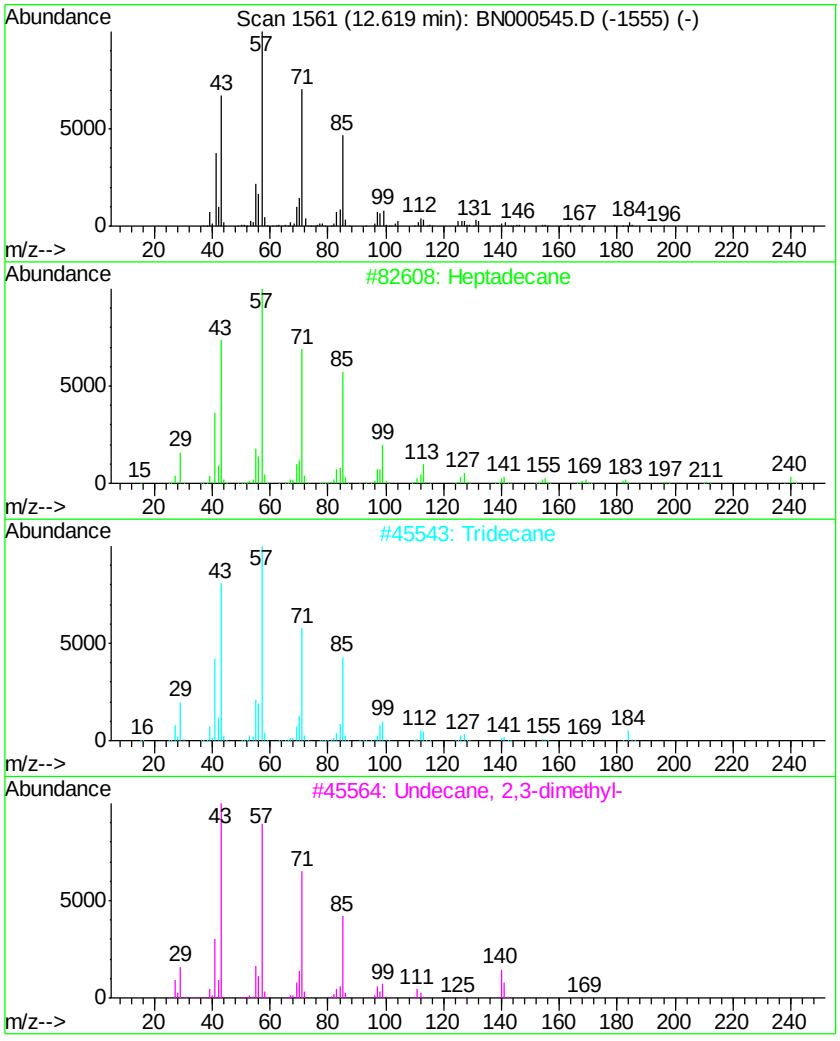
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

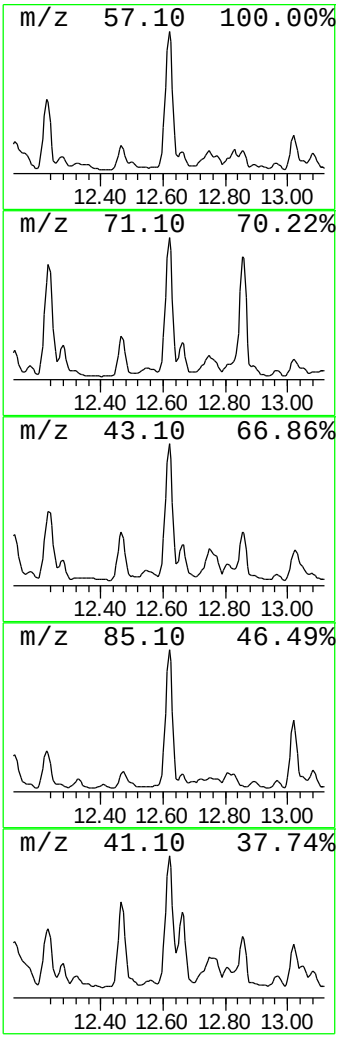
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	16.21 ng/ul	8987310	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
4	Tridecane	184	C13H28	000629-50-5	81
5	Tridecane	184	C13H28	000629-50-5	76





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

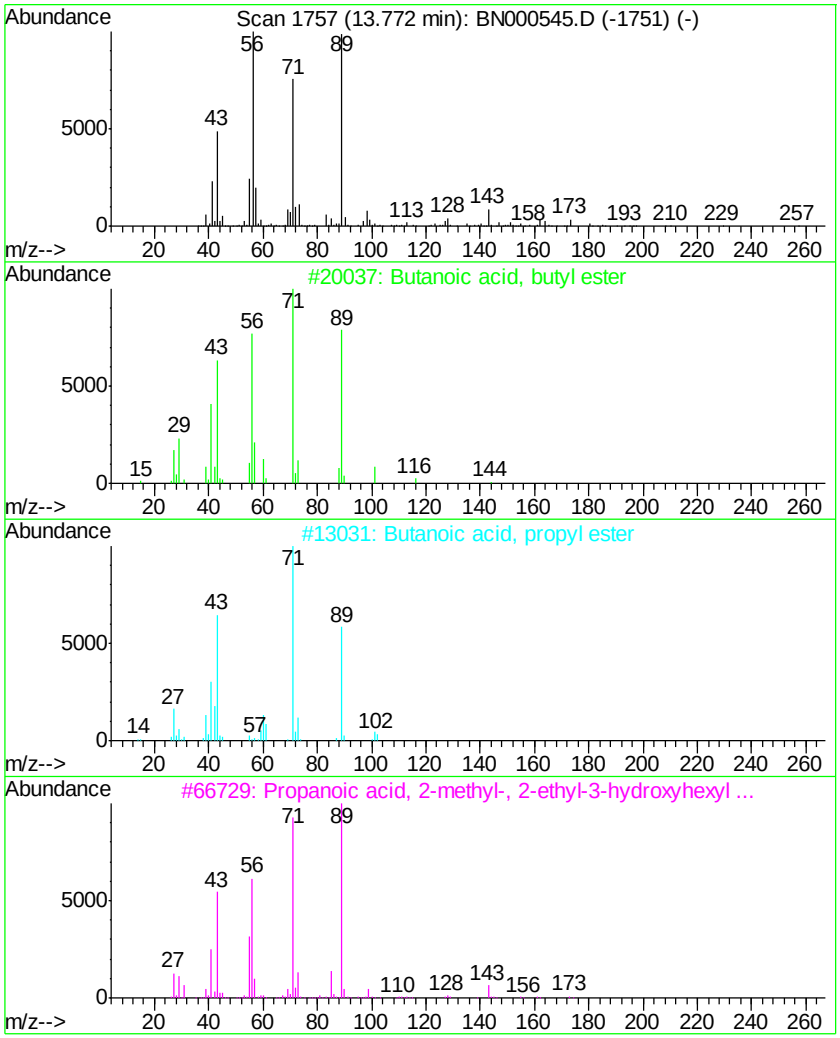
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

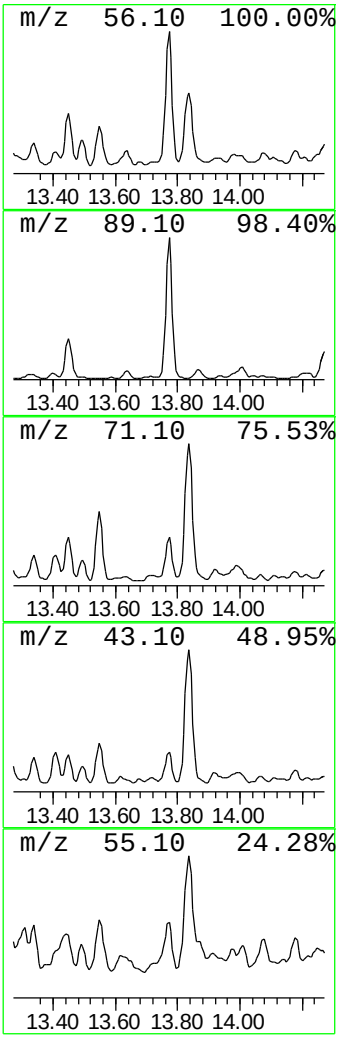
****

Peak Number 48 Butanoic acid, butyl ester Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	11.00 ng/ul	2879470	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	40
4	Butyric acid, pentadecyl ester	298	C19H38O2	125164-51-4	39
5	Butyric acid, hexadecyl ester	312	C20H40O2	006221-99-4	39





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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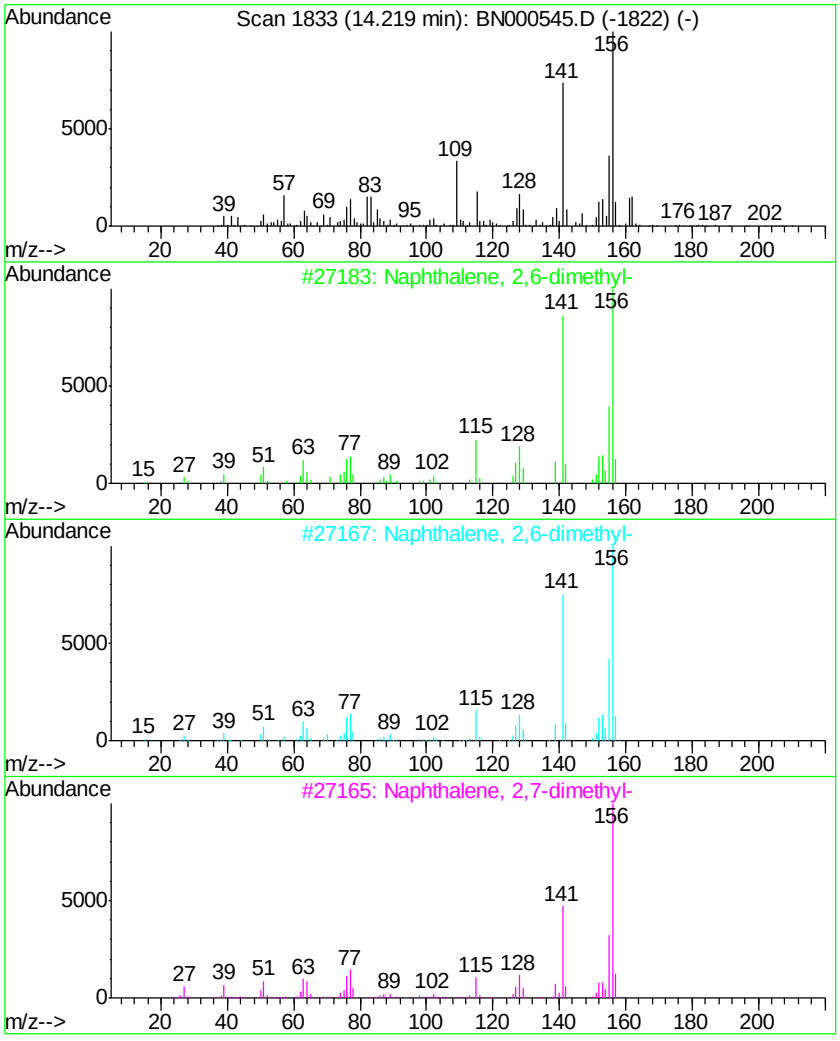
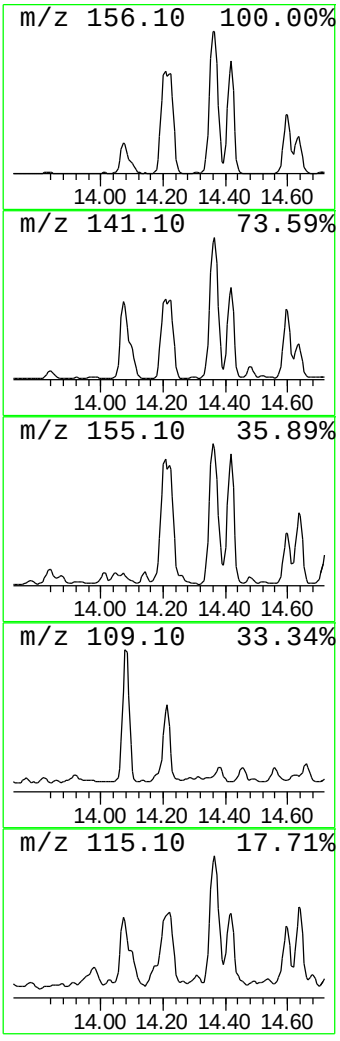
Peak Number 50 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	27.04 ng/ul	7076970	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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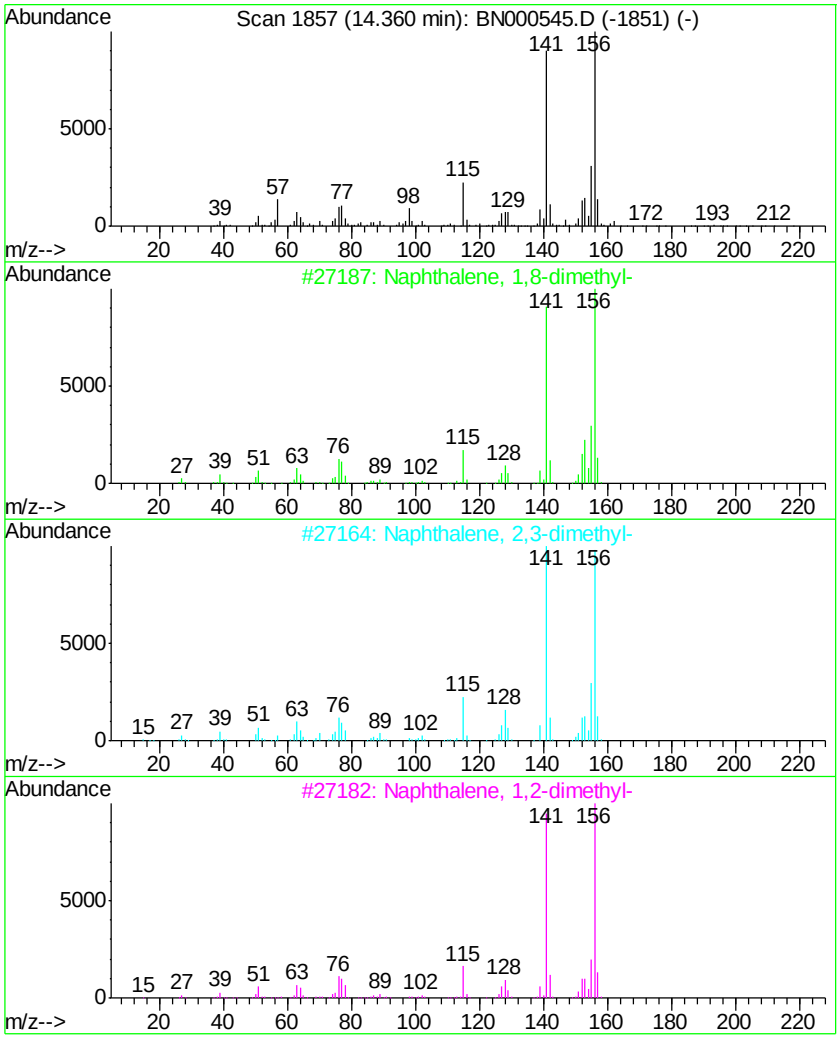
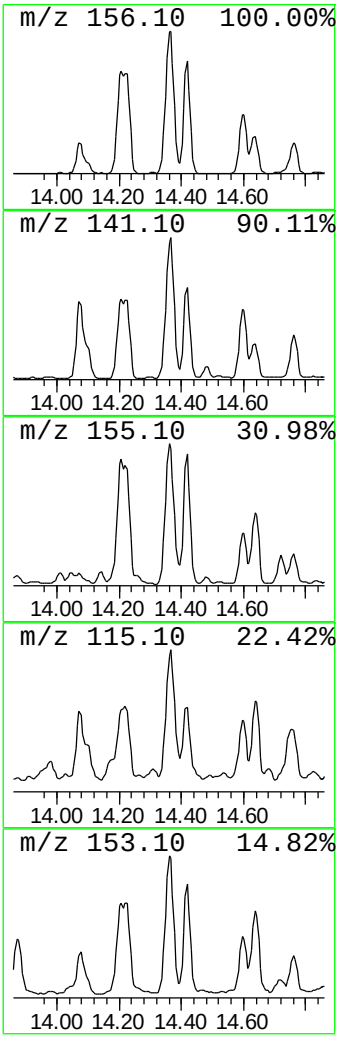
Peak Number 51 Naphthalene, 1,8-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	21.24 ng/ul	5558840	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

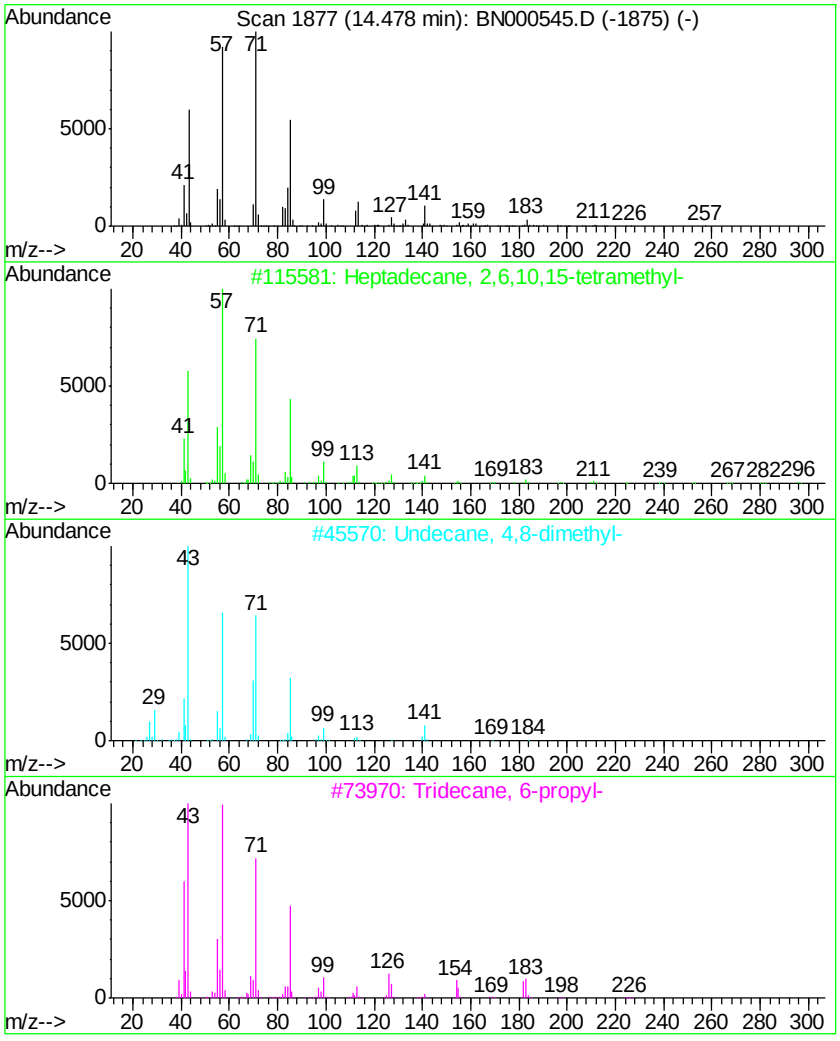
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

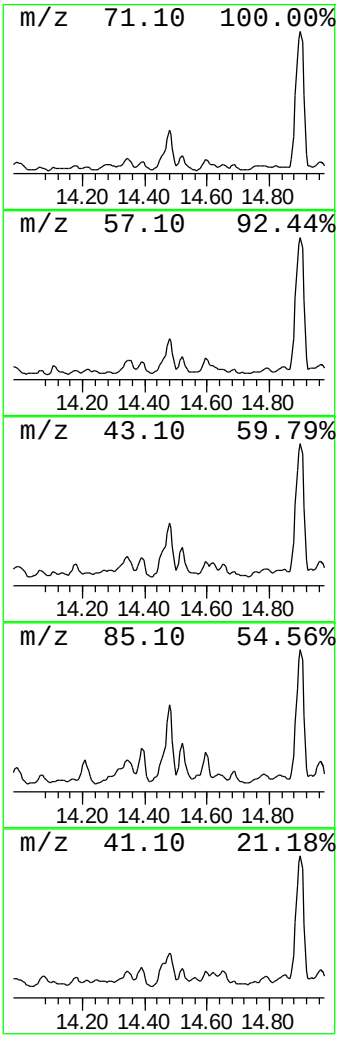
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	11.04 ng/ul	2890360	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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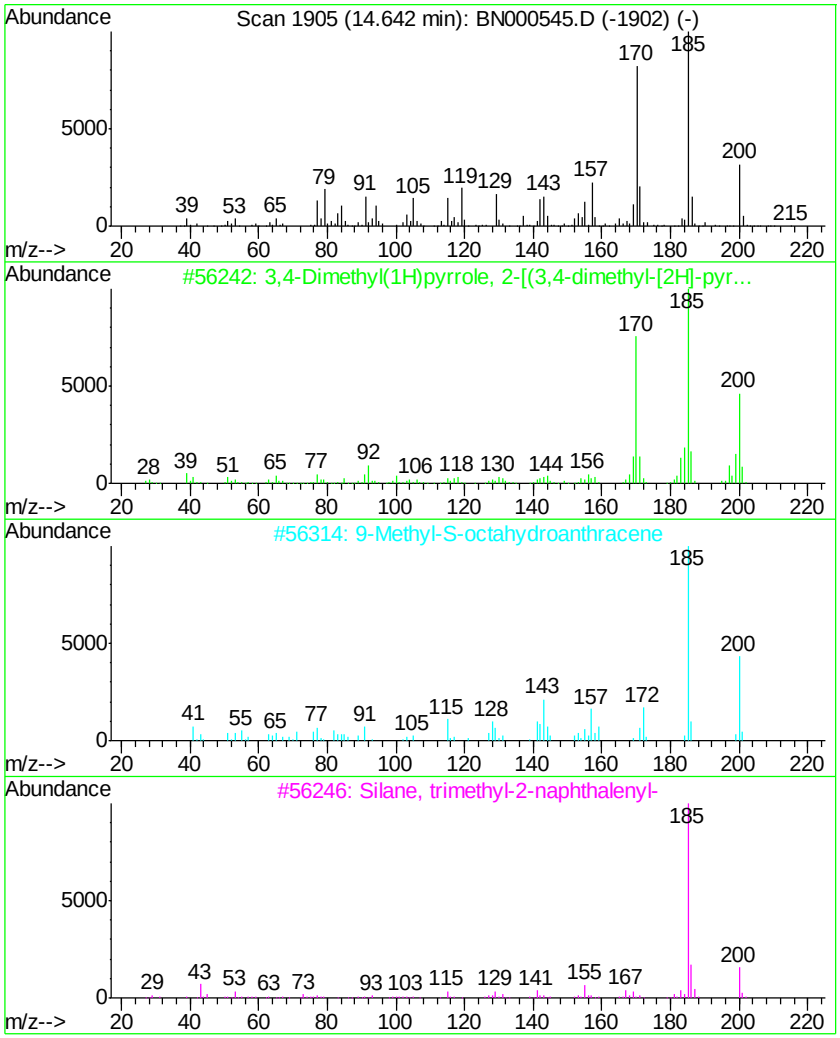
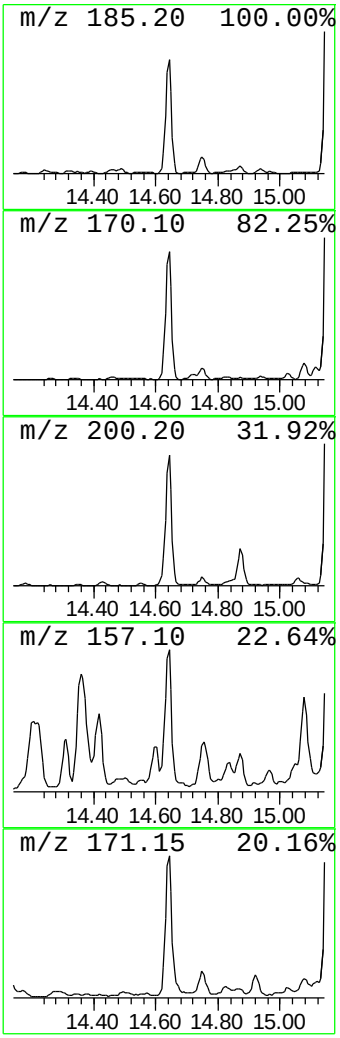
Peak Number 53 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	16.23 ng/ul	4248320	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	68
2	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	45
3	Silane, trimethyl-2-naphthalenyl-	200	C13H16Si	018052-85-2	41
4	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	38
5	Ethanone, 1-(5-methyl-1-phenyl-1...	200	C12H12N2O	006123-63-3	38





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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Quant Title : SVOA CALIBRATION

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

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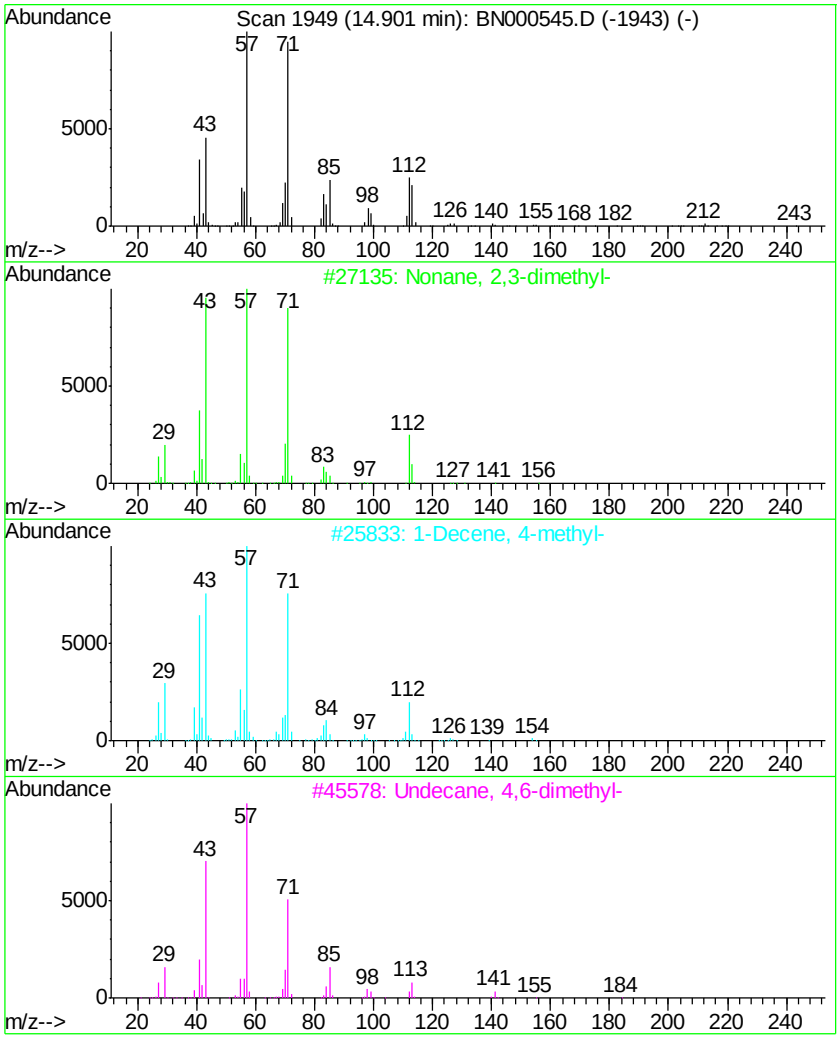
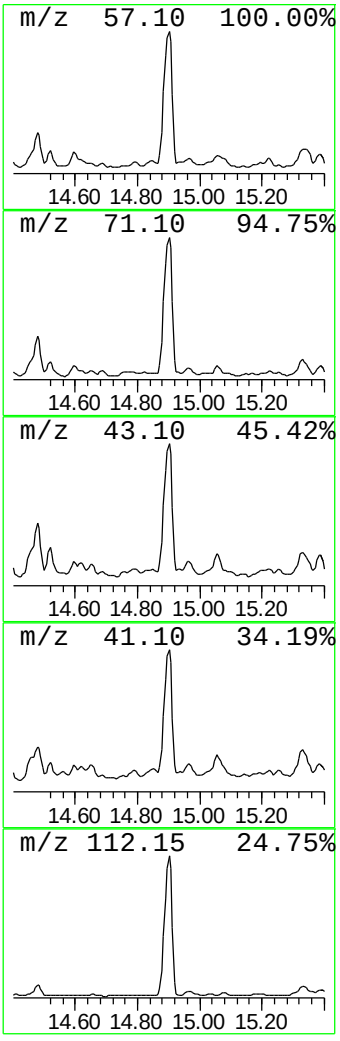
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	51.11 ng/ul	13375400	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	64
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	62
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59





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Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

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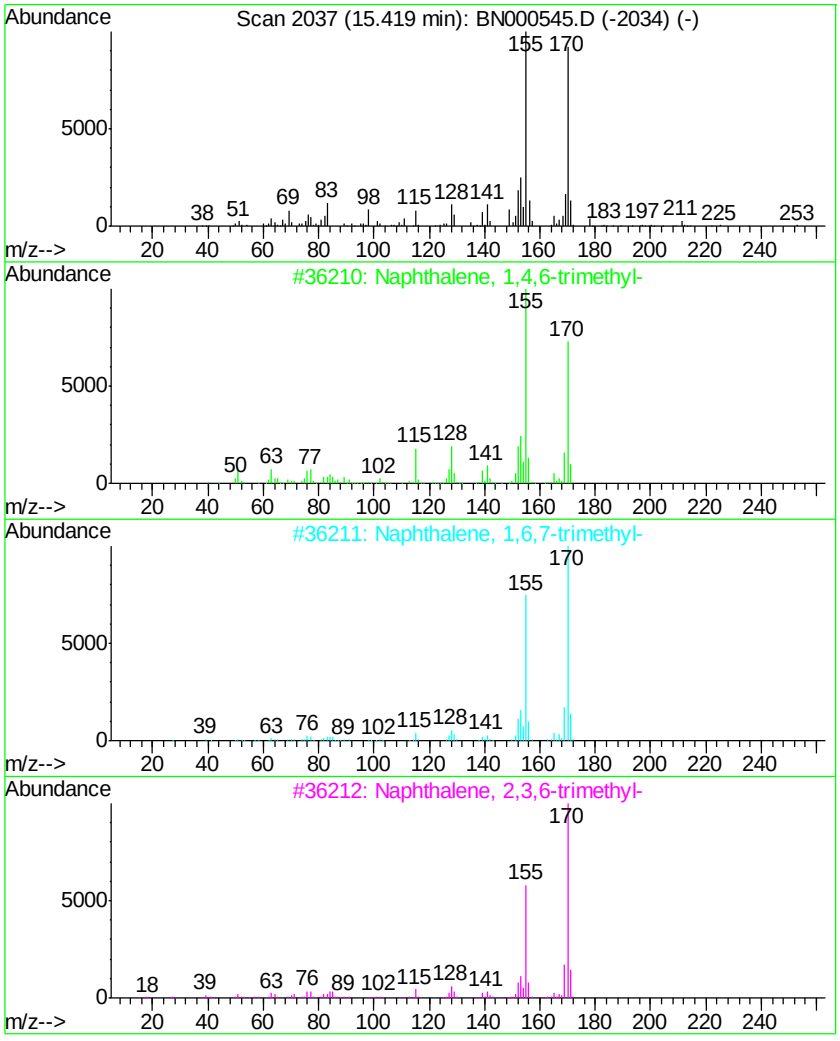
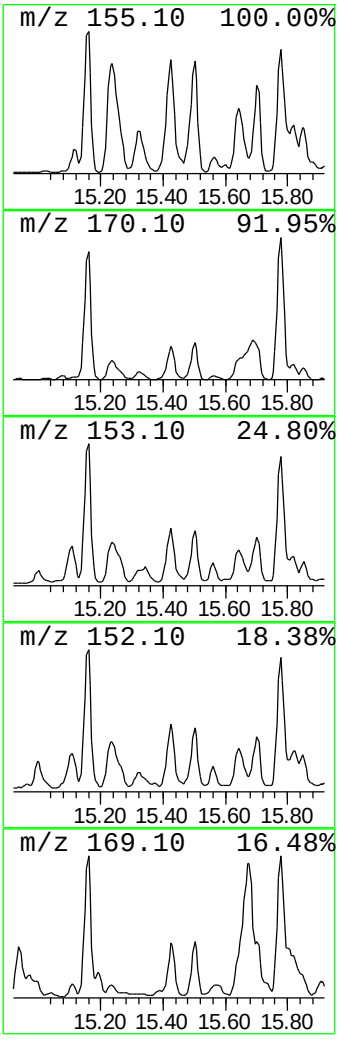
Peak Number 57 Naphthalene, 1,4,6-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	13.33 ng/ul	3488050	Acenaphthene-d10	15.04

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





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Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

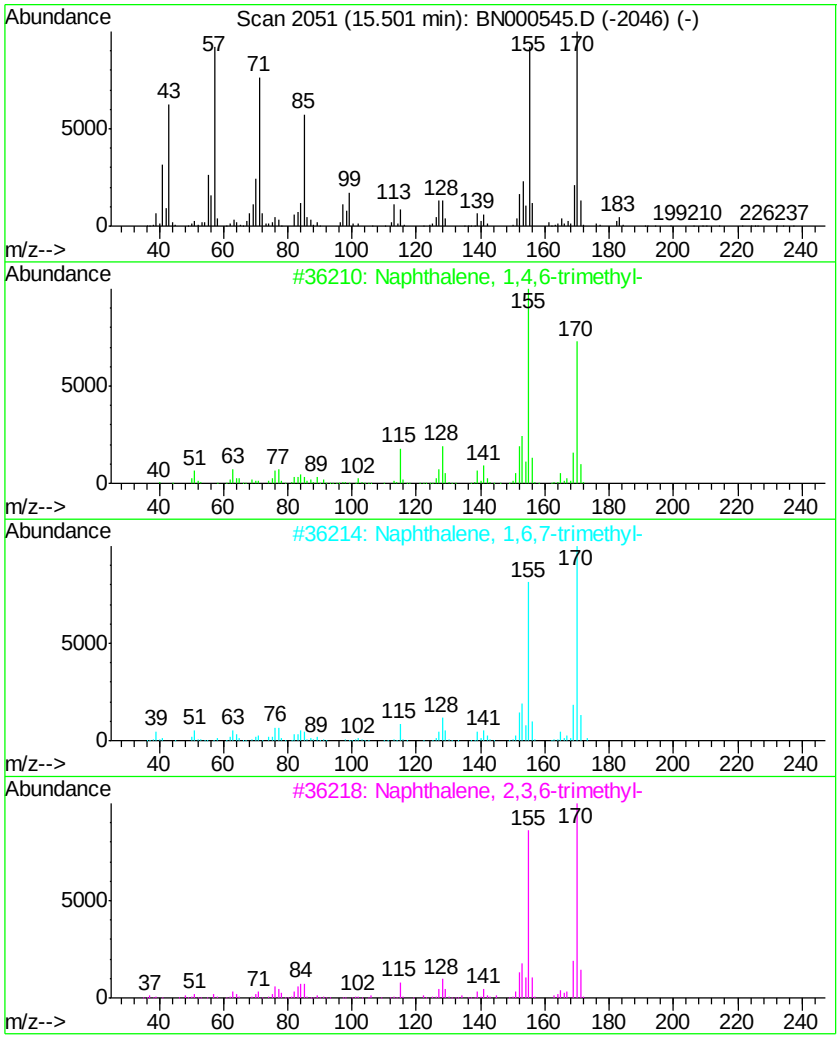
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

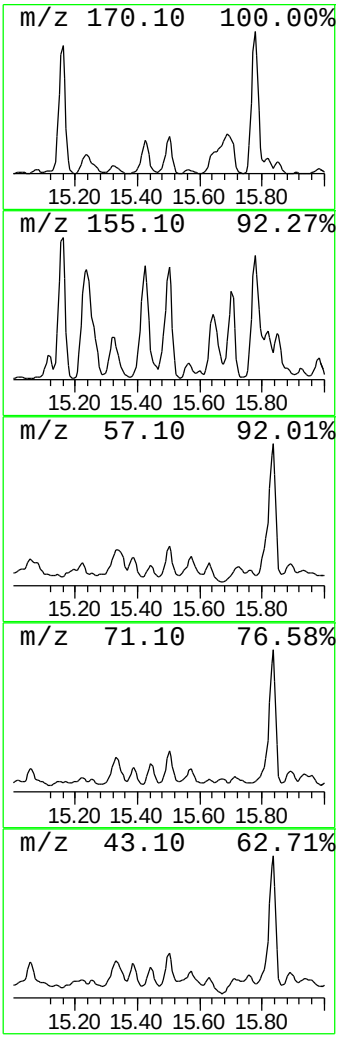
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Naphthalene, 1,6,7-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	14.81 ng/ul	3876420	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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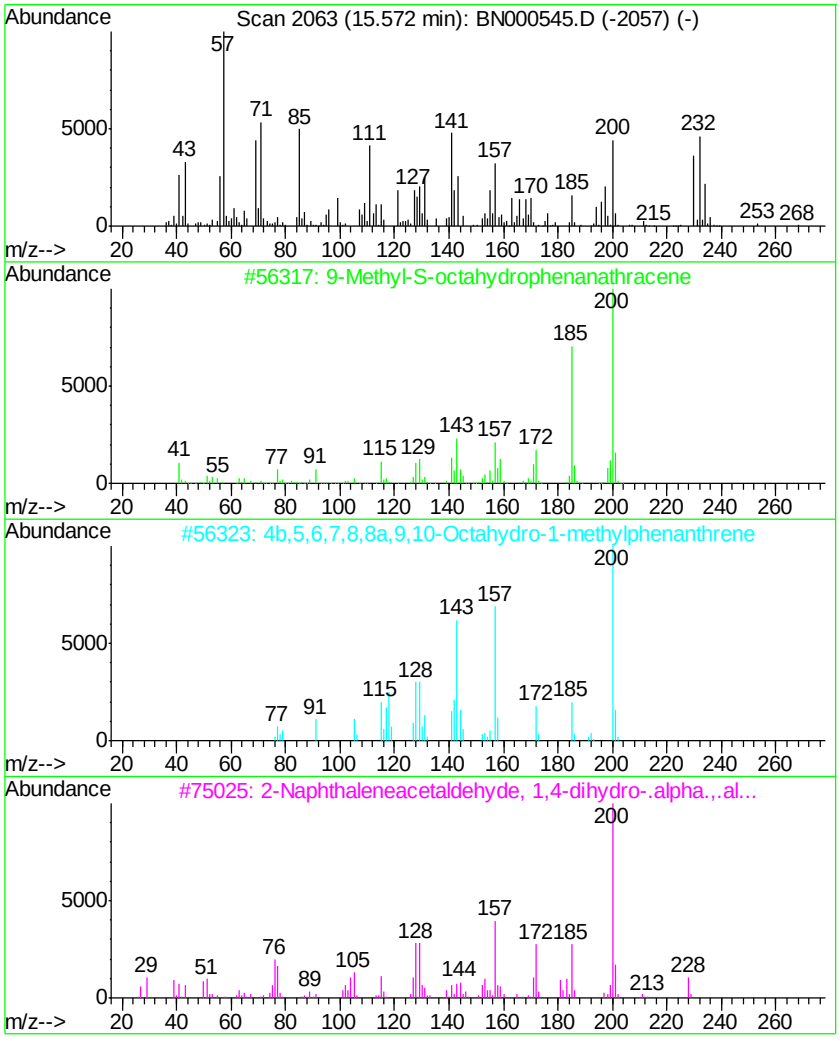
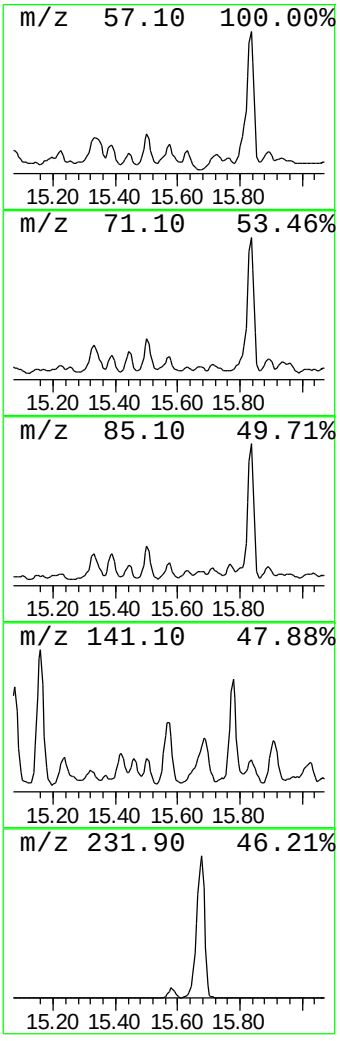
Peak Number 59 9-Methyl-S-octahydrophenana... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	22.97 ng/ul	6010030	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-S-octahydrophenanathracene	200	C15H20	023861-81-6	70
2	4b,5,6,7,8,8a,9,10-Octahydro-1-m...	200	C15H20	1000080-19-3	49
3	2-Naphthaleneacetaldehyde, 1,4-d...	228	C14H12O3	014348-64-2	38
4	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
5	Bicyclo[3.3.1]nonane, 1-phenyl-	200	C15H20	026845-39-6	22





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Instrument : BNA_N
ClientSampleId : DAM51DL

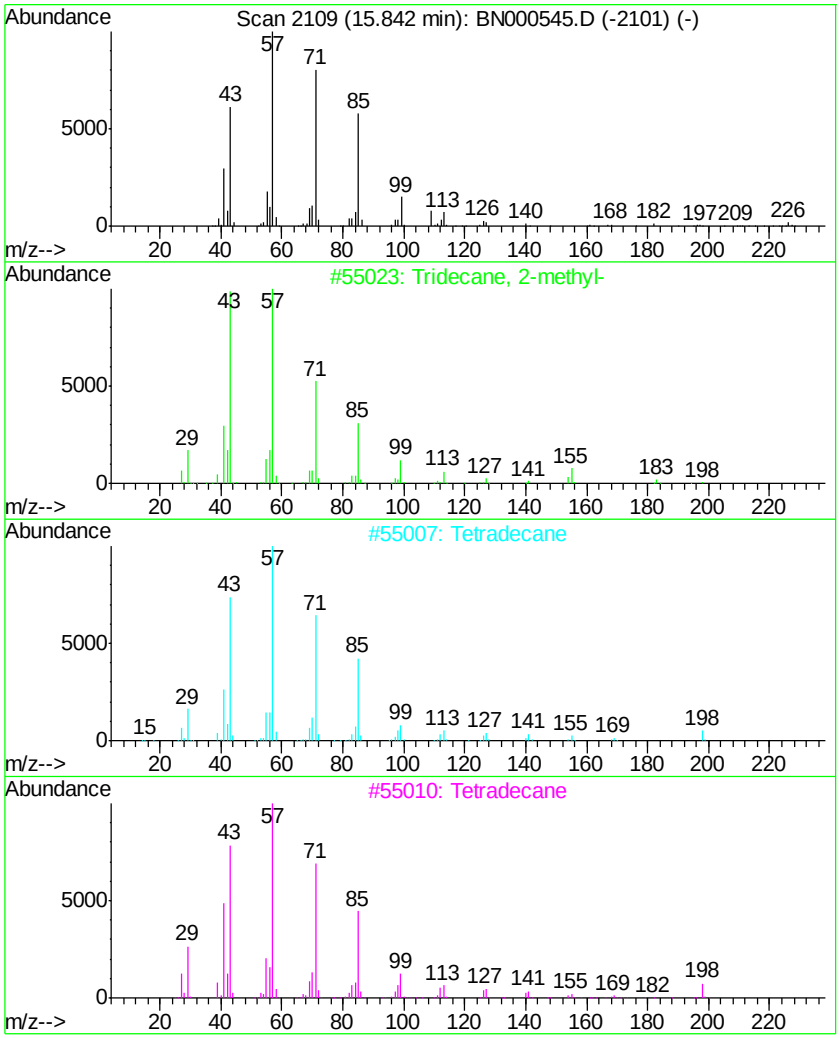
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

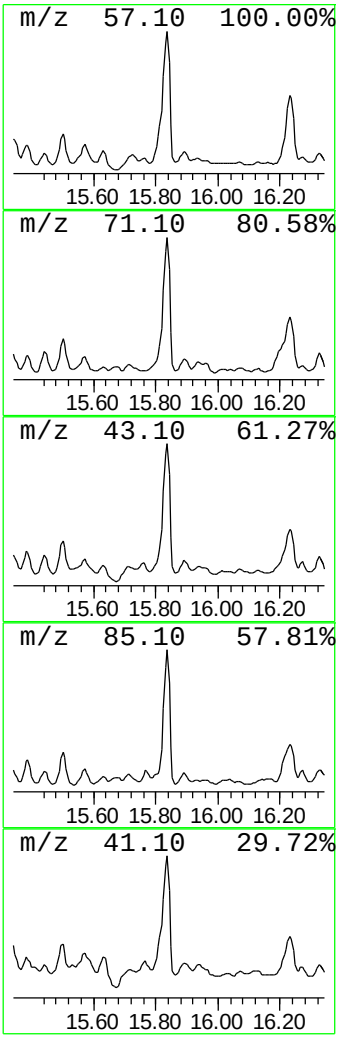
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	38.59 ng/ul	10099900	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

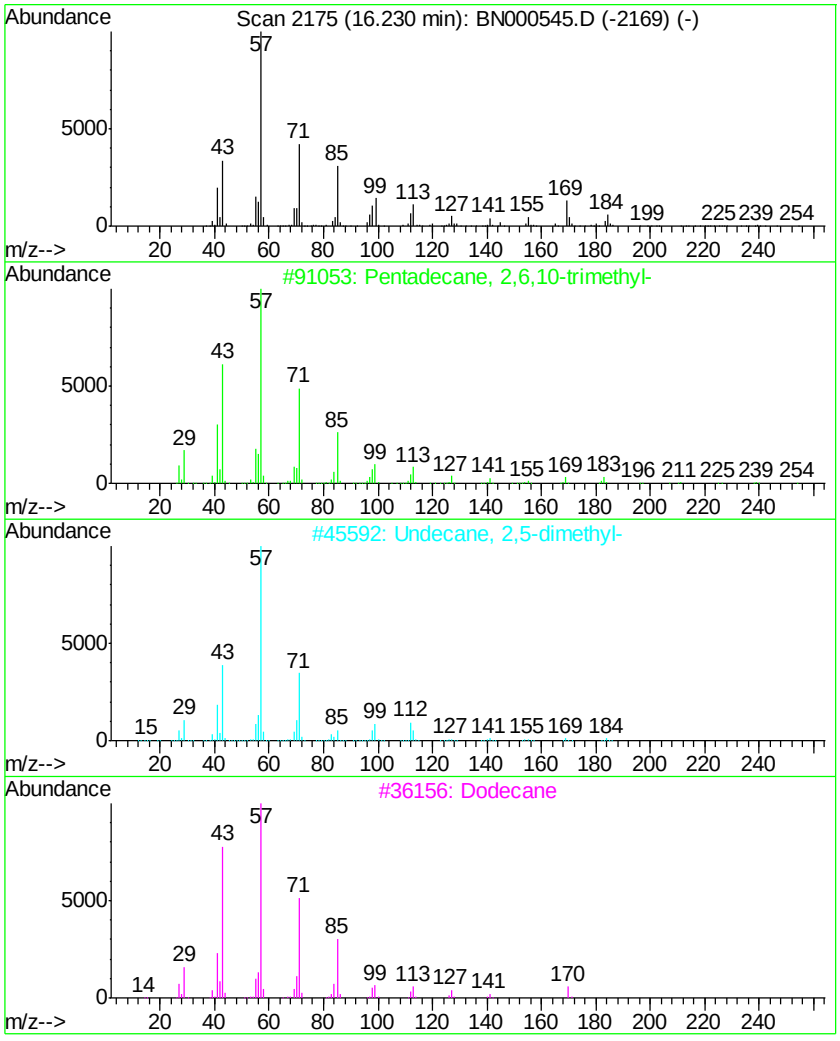
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

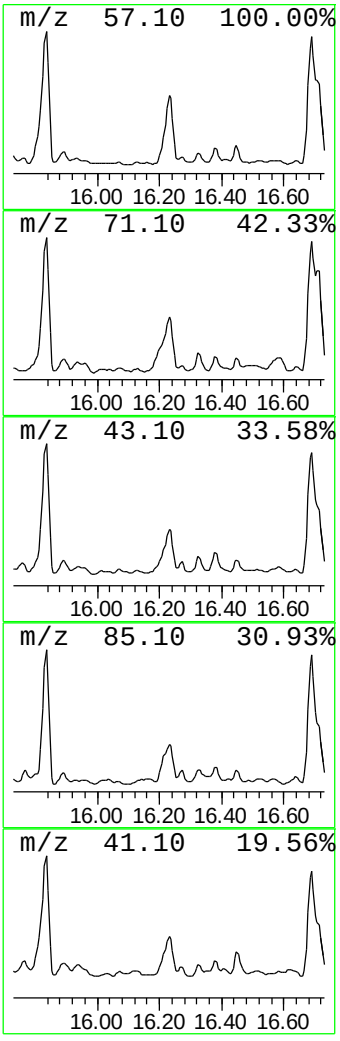
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	14.41 ng/ul	3770350	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	96
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Dodecane	170	C12H26	000112-40-3	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

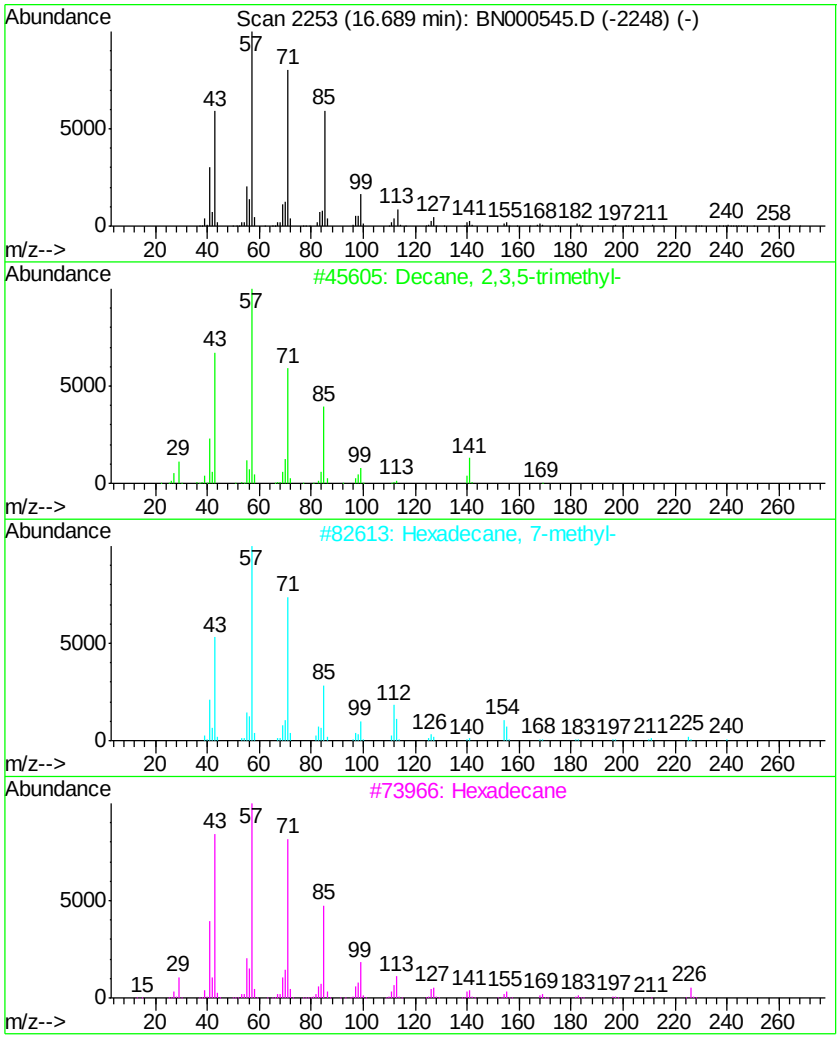
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

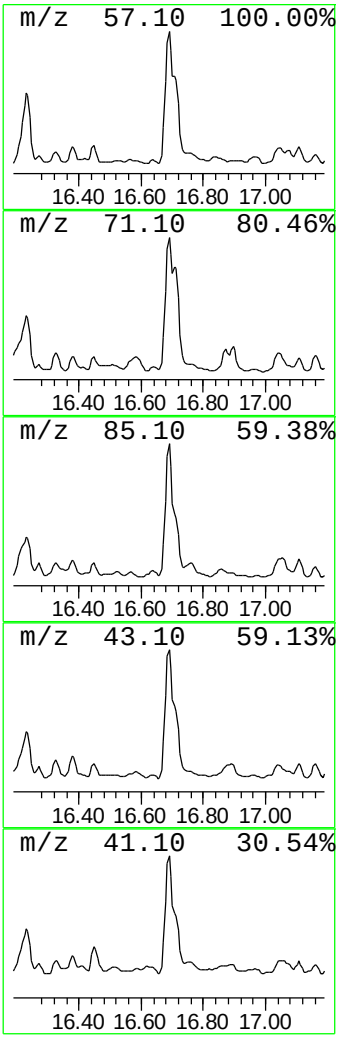
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	72.03 ng/ul	7303840	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	74
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

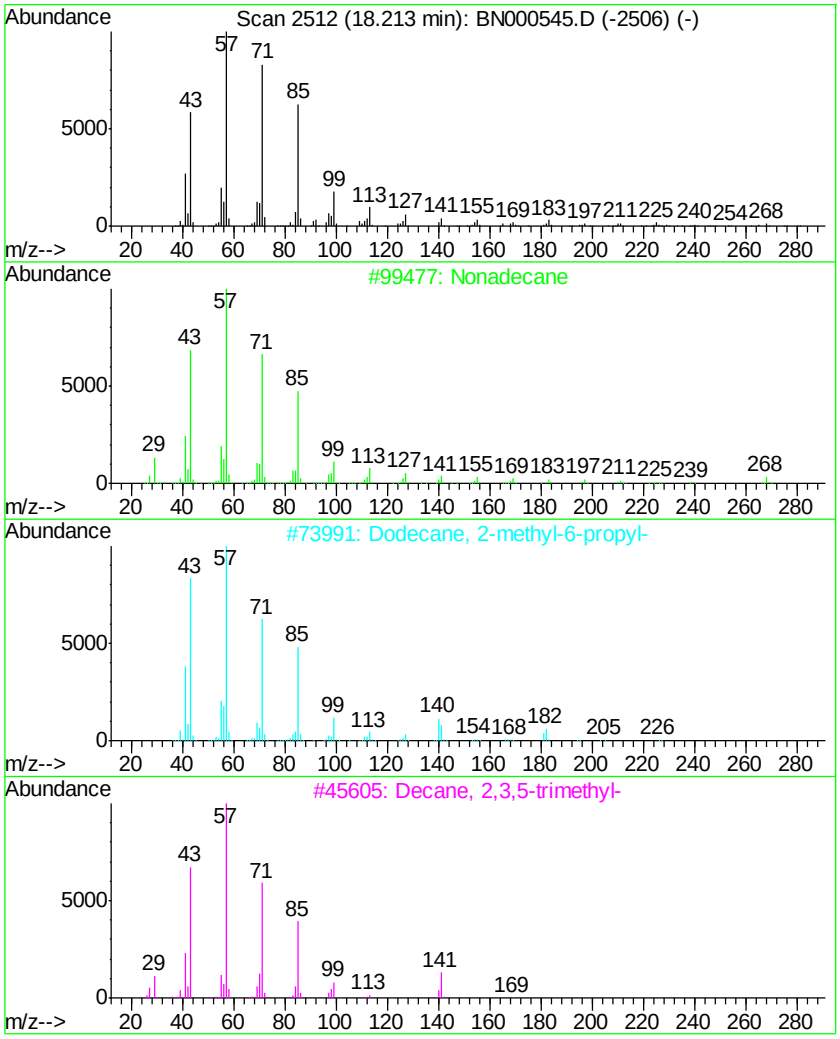
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

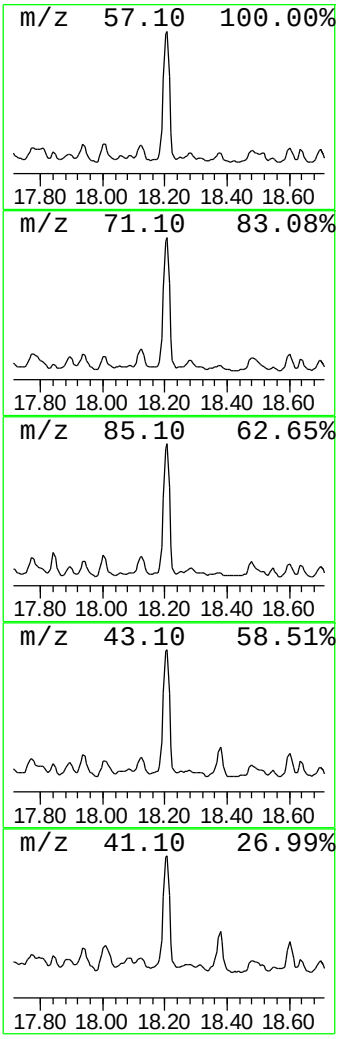
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	59.33 ng/ul	6015750	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Pentadecane	212	C15H32	000629-62-9	80





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

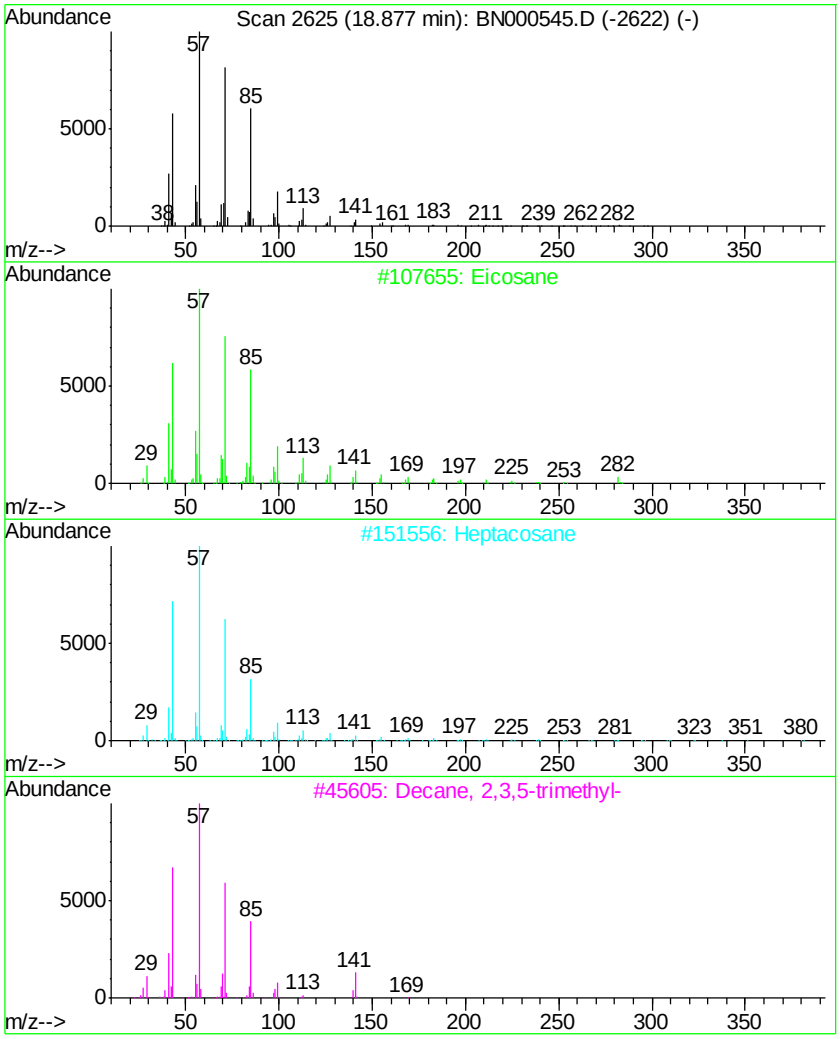
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

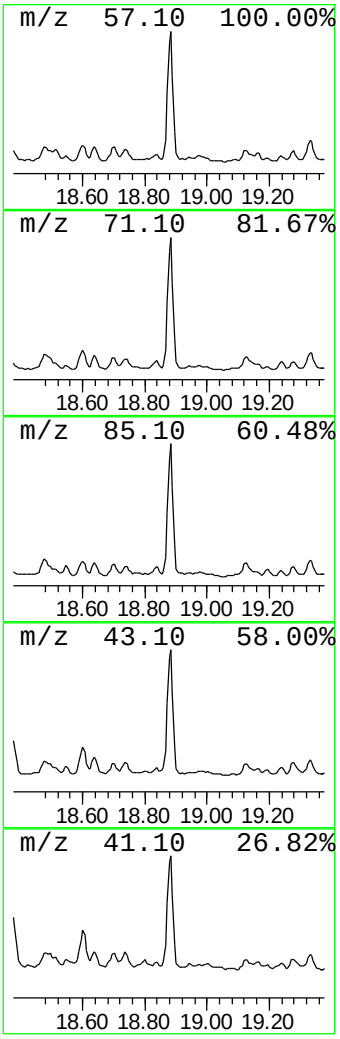
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	40.44 ng/ul	4100950	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

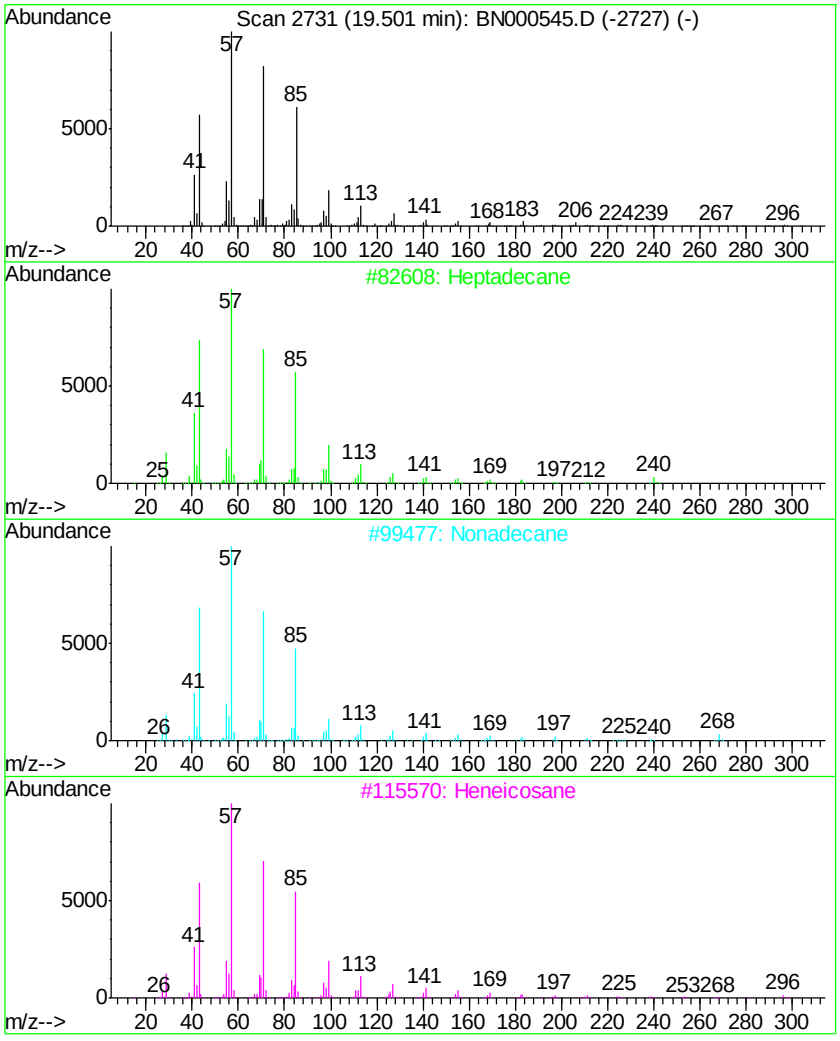
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

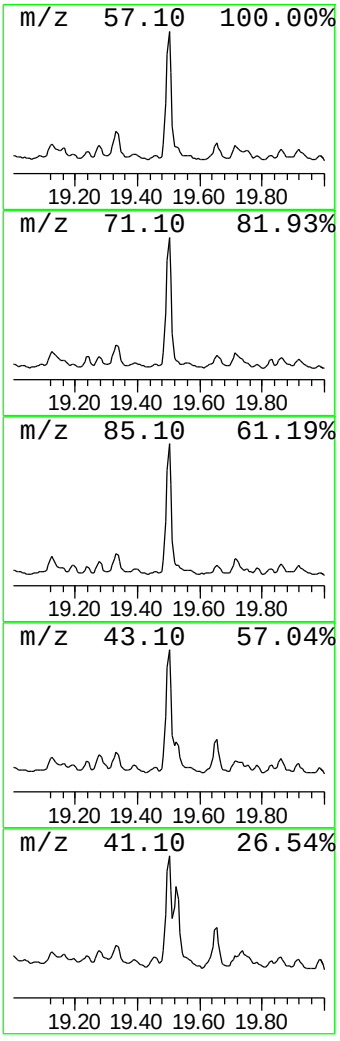
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	34.70 ng/ul	3518670	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

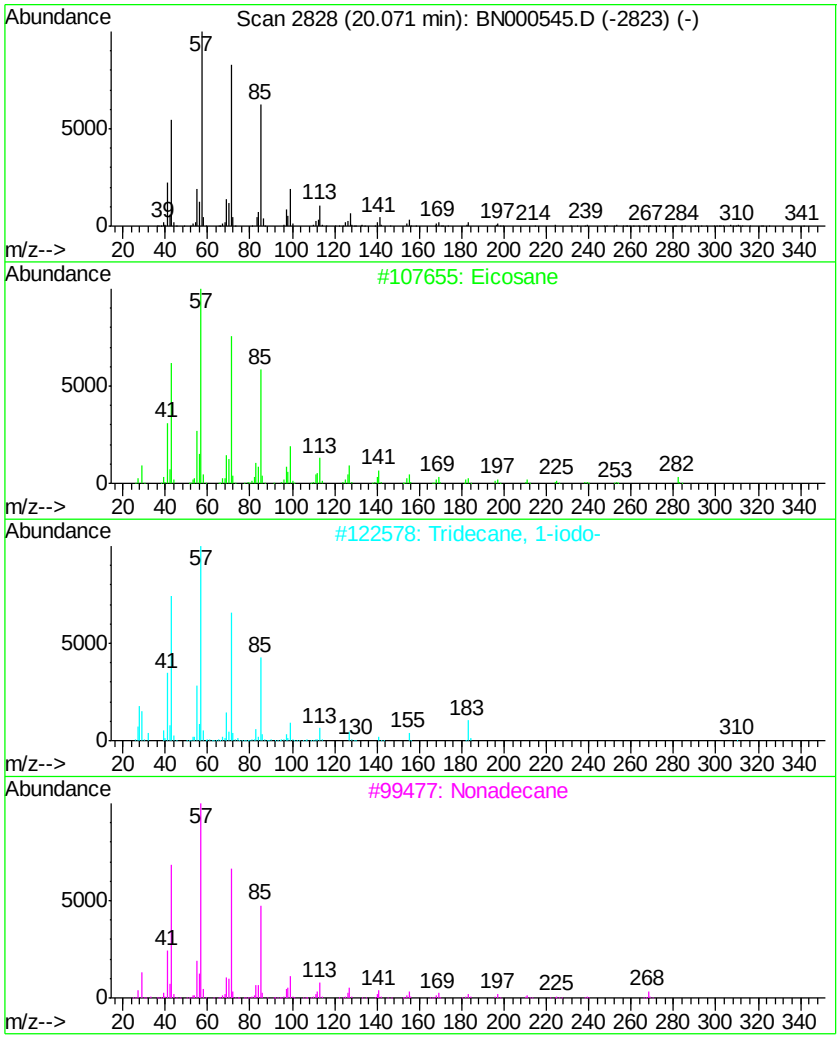
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

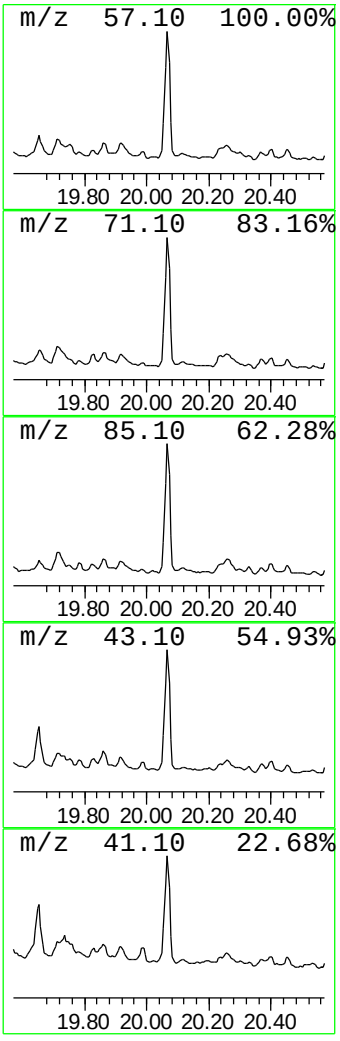
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	12.85 ng/ul	2480740	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Eicosane	282	C20H42	000112-95-8	86





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

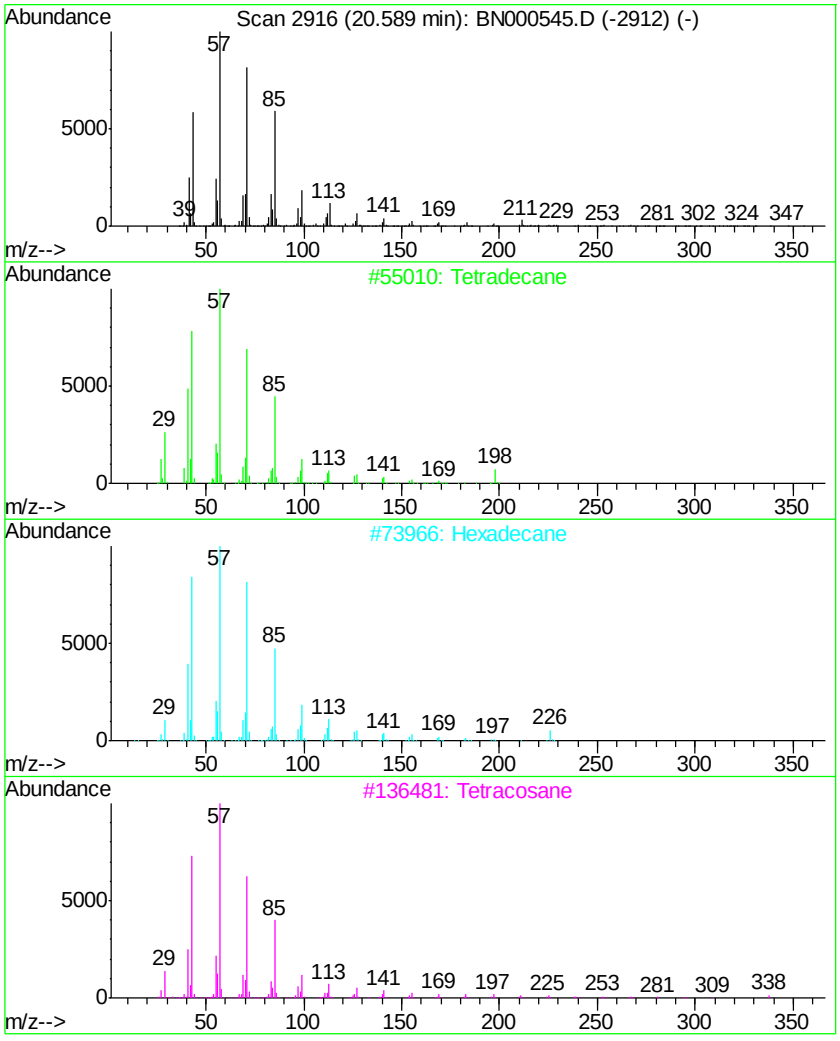
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

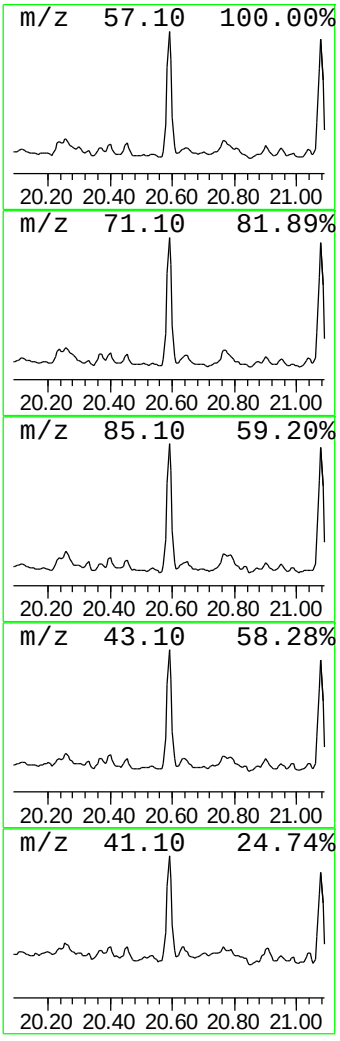
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	12.00 ng/ul	2317320	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Octadecane	254	C18H38	000593-45-3	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

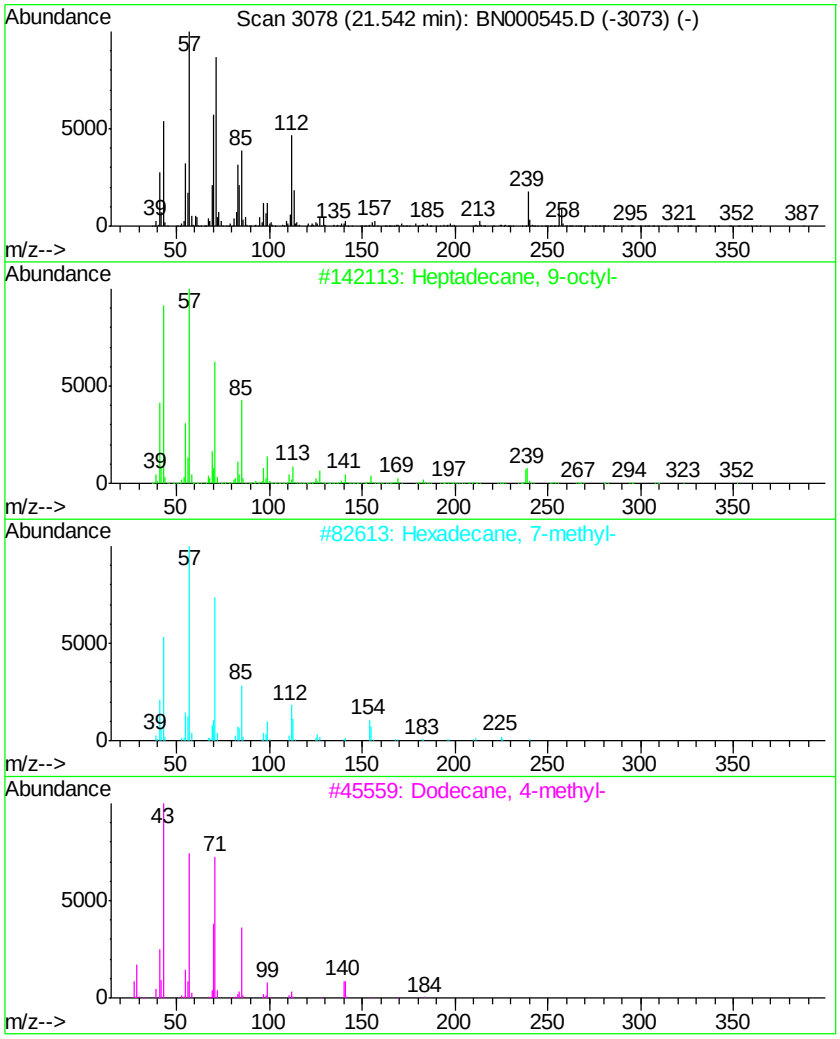
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

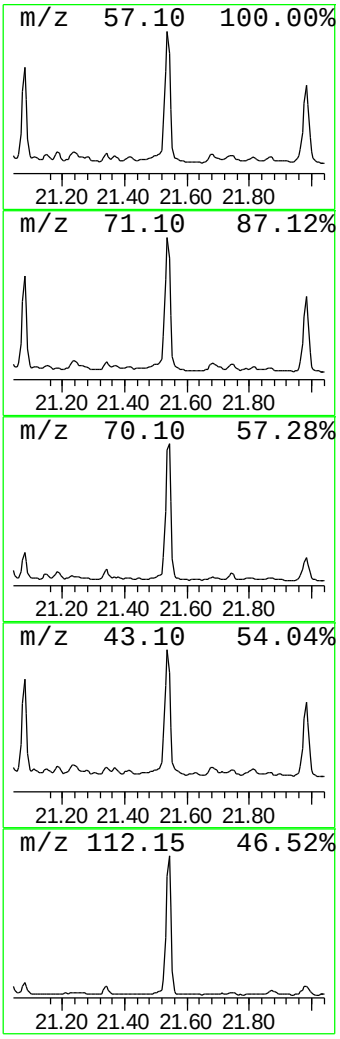
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	20.00 ng/ul	3862100	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	58
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
4	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	53
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	52





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Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

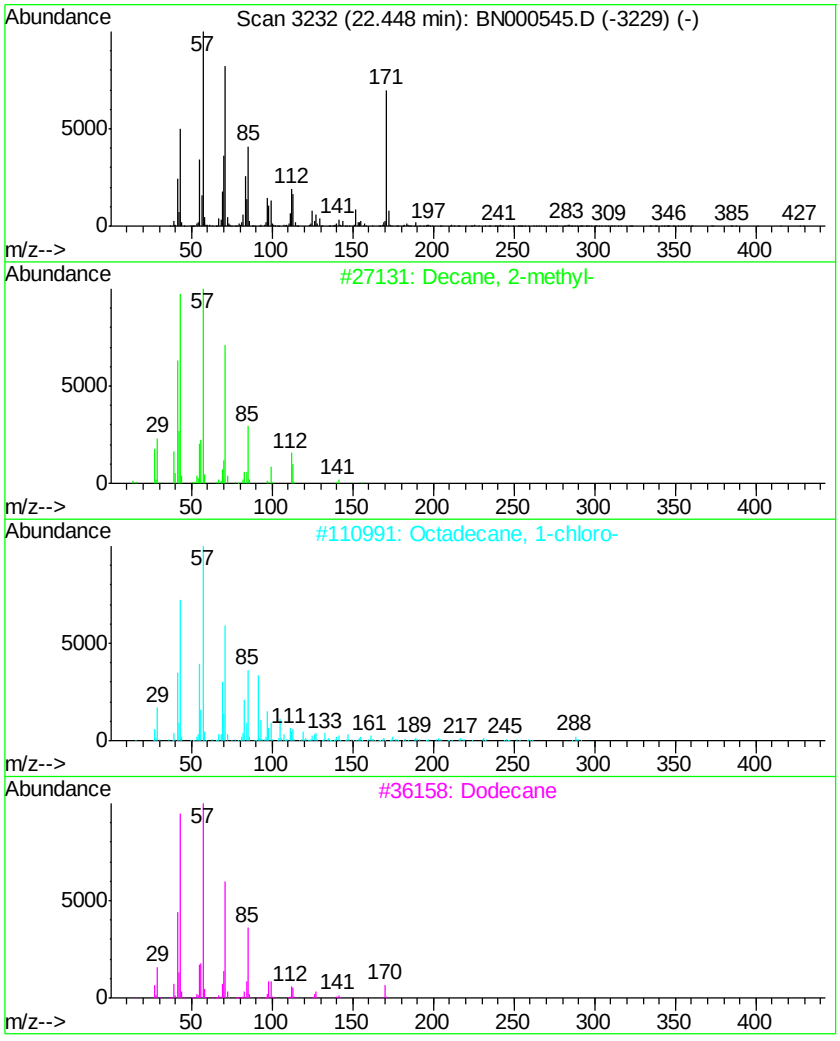
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

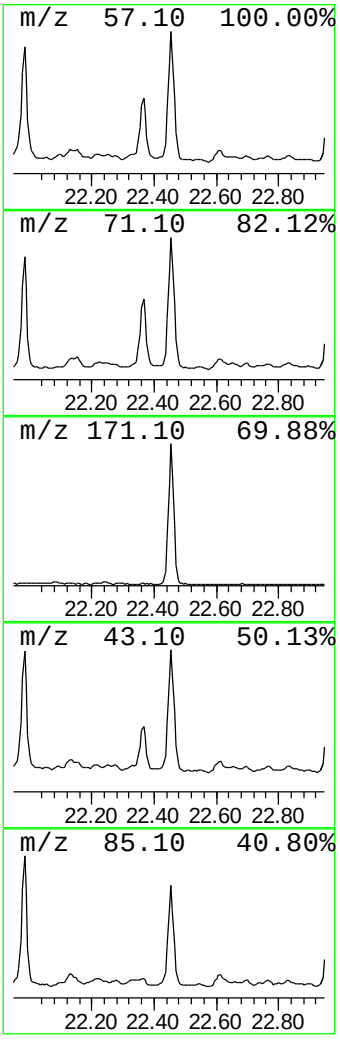
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	16.80 ng/ul	3243700	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	55
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
3	Dodecane	170	C12H26	000112-40-3	45
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	43
5	Dodecane	170	C12H26	000112-40-3	38





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000545.D
Acq On : 22 Mar 2018 17:55
Operator : JU/SJ
Sample : J1905-16DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL

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

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.35	28.6	ng/ul	6735910	1	8.42	4717440	20.0
(DEL) Alkane: Str...	6.62	8.6	ng/ul	2032400	1	8.42	4717440	20.0
unknown-01	6.86	15.7	ng/ul	3709170	1	8.42	4717440	20.0
(DEL) Alkane: Str...	6.91	11.4	ng/ul	2690250	1	8.42	4717440	20.0
(DEL) Alkane: Cyc...	7.01	19.7	ng/ul	4650630	1	8.42	4717440	20.0
5-Cyano-1,2,3-thi...	7.11	9.1	ng/ul	2136980	1	8.42	4717440	20.0
(DEL) Alkane: Str...	7.37	18.8	ng/ul	4442950	1	8.42	4717440	20.0
(DEL) Alkane: Str...	7.42	18.9	ng/ul	4460840	1	8.42	4717440	20.0
Benzene, 1-ethyl-...	7.48	17.6	ng/ul	4141810	1	8.42	4717440	20.0
Benzene, 1-ethyl-...	7.79	17.7	ng/ul	4178990	1	8.42	4717440	20.0
2-Heptanone, 4,6-...	7.82	26.0	ng/ul	6141060	1	8.42	4717440	20.0
(DEL) Alkane: Cyc...	7.88	10.7	ng/ul	2525480	1	8.42	4717440	20.0
(DEL) Alkane: Str...	8.02	64.5	ng/ul	15220100	1	8.42	4717440	20.0
Benzene, 1,2,3-tr...	8.05	19.5	ng/ul	4592380	1	8.42	4717440	20.0
1-Hexanol, 2-ethyl-	8.48	59.6	ng/ul	14051500	1	8.42	4717440	20.0
unknown-02	8.62	34.6	ng/ul	8165450	1	8.42	4717440	20.0
(DEL) Alkane: Cyc...	8.70	12.2	ng/ul	2870270	1	8.42	4717440	20.0
Cyclohexanone, 3,...	8.87	56.8	ng/ul	13385700	1	8.42	4717440	20.0
(DEL) Alkane: Str...	8.93	20.4	ng/ul	4807890	1	8.42	4717440	20.0
(DEL) Alkane: Str...	8.99	29.0	ng/ul	6835490	1	8.42	4717440	20.0
Benzene, 1,4-diet...	9.06	45.5	ng/ul	10730400	1	8.42	4717440	20.0
Benzene, 1-methyl...	9.22	14.6	ng/ul	3433440	1	8.42	4717440	20.0
Benzene, 1-methyl...	9.43	13.9	ng/ul	3269640	1	8.42	4717440	20.0
Benzene, 4-ethyl-...	9.54	27.6	ng/ul	6511600	1	8.42	4717440	20.0
unknown-03	9.78	36.0	ng/ul	8488530	1	8.42	4717440	20.0
2,5-Heptadien-4-o...	9.85	10.0	ng/ul	5556730	2	11.26	11089600	20.0
Benzene, 1,2,4,5-...	10.06	5.3	ng/ul	2931310	2	11.26	11089600	20.0
Benzene, 2-ethyl-...	10.43	3.7	ng/ul	2055190	2	11.26	11089600	20.0
(DEL) Alkane: Str...	10.49	9.3	ng/ul	5182490	2	11.26	11089600	20.0
(DEL) Alkane: Str...	10.56	5.0	ng/ul	2769870	2	11.26	11089600	20.0
(DEL) Alkane: Str...	10.64	7.7	ng/ul	4242010	2	11.26	11089600	20.0
(DEL) Alkane: Str...	10.74	4.6	ng/ul	2563640	2	11.26	11089600	20.0
Benzene, 1,4-dime...	11.12	4.3	ng/ul	2371360	2	11.26	11089600	20.0
(DEL) Alkane: Str...	11.20	20.0	ng/ul	11089600	2	11.26	11089600	20.0
2,4-Dipropyl-5-et...	11.60	17.0	ng/ul	9422040	2	11.26	11089600	20.0
(DEL) Alkane: Str...	11.73	7.9	ng/ul	4357440	2	11.26	11089600	20.0
(DEL) Alkane: Str...	11.94	7.6	ng/ul	4219630	2	11.26	11089600	20.0
(DEL) Alkane: Str...	12.23	9.1	ng/ul	5052270	2	11.26	11089600	20.0
Benzene, 1,3,5-tr...	12.32	13.3	ng/ul	7386380	2	11.26	11089600	20.0
(DEL) Alkane: Str...	12.62	16.2	ng/ul	8987310	2	11.26	11089600	20.0
Butanoic acid, bu...	13.77	11.0	ng/ul	2879470	3	15.04	5233890	20.0
Naphthalene, 2,6-...	14.22	27.0	ng/ul	7076970	3	15.04	5233890	20.0
Naphthalene, 1,8-...	14.36	21.2	ng/ul	5558840	3	15.04	5233890	20.0
(DEL) Alkane: Str...	14.48	11.0	ng/ul	2890360	3	15.04	5233890	20.0
3,4-Dimethyl(1H)p...	14.64	16.2	ng/ul	4248320	3	15.04	5233890	20.0
(DEL) Alkane: Str...	14.90	51.1	ng/ul	13375400	3	15.04	5233890	20.0
Naphthalene, 1,4,...	15.42	13.3	ng/ul	3488050	3	15.04	5233890	20.0
Naphthalene, 1,6,...	15.50	14.8	ng/ul	3876420	3	15.04	5233890	20.0
9-Methyl-S-octahy...	15.57	23.0	ng/ul	6010030	3	15.04	5233890	20.0

(DEL) Alkane: Str...	15.84	38.6	ng/ul	10099900	3	15.04	5233890	20.0	
(DEL) Alkane: Str...	16.23	14.4	ng/ul	3770350	3	15.04	5233890	20.0	
(DEL) Alkane: Str...	16.69	72.0	ng/ul	7303840	4	17.78	2028050	20.0	
(DEL) Alkane: Str...	18.21	59.3	ng/ul	6015750	4	17.78	2028050	20.0	
(DEL) Alkane: Str...	18.88	40.4	ng/ul	4100950	4	17.78	2028050	20.0	
(DEL) Alkane: Str...	19.50	34.7	ng/ul	3518670	4	17.78	2028050	20.0	
(DEL) Alkane: Str...	20.07	12.9	ng/ul	2480740	5	21.88	3862100	20.0	
(DEL) Alkane: Str...	20.59	12.0	ng/ul	2317320	5	21.88	3862100	20.0	
(DEL) Alkane: Str...	21.54	20.0	ng/ul	3862100	5	21.88	3862100	20.0	
(DEL) Alkane: Str...	22.45	16.8	ng/ul	3243700	5	21.88	3862100	20.0	

Instrument :
BNA_N
ClientSampleId :
DAM51DL