LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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	6.349	490	495	507	rVB2	3587182	6146261	11.88%	1.028%
2	6.861	573	582	587	rBV2	2441776	4667367	9.02%	0.781%
3	7.002	602	606	619	rVB4	1238629	3394766	6.56%	0.568%
4	7.361	663	667	672	rVB	2550605	3756331	7.26%	0.628%
5	7.419	672	677	681	rBV	2535321	3639172	7.04%	0.609%
6	7.472	681	686	691	rBV	2787228	4446151	8.60%	0.744%
7	7.531	691	696	702	rVB2	4534608	7640954	14.77%	1.278%
8	7.613	702	710	713	rBV	1930847	3313096	6.41%	0.554%
9	7.784	730	739	741	rBV2	2028440	4954024	9.58%	0.829%
10	7.819	741	745	752	rVB	3943131	6546256	12.66%	1.095%
11	8.013	772	778	782	rBV	6612045	13150447	25.43%	2.200%
12	8.055	782	785	789	rVB	3135618	4160451	8.04%	0.696%
13	8.219	801	813	817	rBV4	834124	2219179	4.29%	0.371%
14	8.366	833	838	843	rVB	2733188	4138407	8.00%	0.692%
15	8.496	843	860	864	rBV	6732696	22915042	44.31%	3.833%
16	8.531	864	866	872	rVB3	2100072	3178912	6.15%	0.532%
17	8.625	877	882	886	rBV	5440552	8469178	16.38%	1.417%
18	8.696	891	894	901	rVB3	1319816	2239141	4.33%	0.375%
19	8.866	915	923	928	rBV2	6332877	13629977	26.35%	2.280%
20	8.925	928	933	937	rVV2	1711336	3334302	6.45%	0.558%
21	8.990	937	944	950	rVB2	2459251	5980812	11.56%	1.001%
22	9.060	950	956	963	rBV2	5425285	10141823	19.61%	1.697%
23	9.166	968	974	979	rVV2	2710870	5013880	9.69%	0.839%
24	9.225	979	984	988	rVV2	1888015	3373898	6.52%	0.564%
25	9.378	1004	1010	1015	rBV	1726379	3671448	7.10%	0.614%
26	9.431	1015	1019	1024	rVB	1912849	3217785	6.22%	0.538%
27	9.531	1031	1036	1045	rVV3	3139131	6510196	12.59%	1.089%
28	9.649	1045	1056	1060	rVV	6910735	16067640	31.07%	2.688%
29	9.784	1066	1079	1085	rBV9	1828107	8196331	15.85%	1.371%
30	9.866	1085	1093	1099	rBV5	1884317	6584209	12.73%	1.101%
31	10.060	1123	1126	1132	rVB2	1501616	2464253	4.76%	0.412%
32	10.125	1132	1137	1140	rBV2	1684792	2730368	5.28%	0.457%
33	10.207	1148	1151	1158	rVB	2018547	3373008	6.52%	0.564%
34	10.284	1158	1164	1167	rBV2	2066739	4478256	8.66%	0.749%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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	10.360	1172	1177	1183	rVV4	2723428	5063323	9.79%	0.847%
36	10.425	1183	1188	1191	rVV4	1247913	2319653	4.49%	0.388%
37	10.490	1192	1199	1205	rVB2	2318879	5642013	10.91%	0.944%
38	10.560	1205	1211	1218	rBV6	1511437	4192051	8.11%	0.701%
39	10.637	1219	1224	1230	rVV3	2461340	4630701	8.95%	0.775%
40	10.743	1238	1242	1247	rVV2	2000532	3635679	7.03%	0.608%
41	10.907	1264	1270	1274	rBV2	1235690	2202861	4.26%	0.369%
42	11.201	1310	1320	1321	rBV4	4498141	9489987	18.35%	1.588%
43	11.337	1340	1343	1347	rVV3	2729176	4514449	8.73%	0.755%
44	11.372	1347	1349	1355	rVB3	2729767	3988748	7.71%	0.667%
45	11.525	1368	1375	1382	rBV7	1158873	3284308	6.35%	0.549%
46	11.601	1382	1388	1397	rVB	6040277	11180305	21.62%	1.870%
47	11.731	1402	1410	1415	rVB	2925350	4898124	9.47%	0.819%
48	11.837	1422	1428	1436	rVB5	1280582	2822514	5.46%	0.472%
49	11.931	1436	1444	1448	rBV5	1724055	4233593	8.19%	0.708%
50	12.119	1472	1476	1481	rVV3	2192688	4439593	8.58%	0.743%
51	12.231	1489	1495	1500	rVV3	2769541	5658346	10.94%	0.947%
52	12.319	1505	1510	1520	rVB	3738782	6347519	12.27%	1.062%
53	12.466	1530	1535	1545	rVB2	5081058	8643423	16.71%	1.446%
54	12.619	1555	1561	1565	rBV	5093784	9447922	18.27%	1.580%
55	12.660	1565	1568	1574	rVB	4073211	5828789	11.27%	0.975%
56	12.748	1576	1583	1585	rBV2	1759296	3161354	6.11%	0.529%
57	12.854	1597	1601	1604	rVB	1807093	2223509	4.30%	0.372%
58	12.890	1604	1607	1614	rVB	1708614	2615172	5.06%	0.437%
59	13.019	1625	1629	1632	rBV	2005181	3102641	6.00%	0.519%
60	13.260	1659	1670	1673	rBV6	1536968	4726253	9.14%	0.791%
61	13.407	1689	1695	1698	rVV3	1176824	2218954	4.29%	0.371%
62	13.448	1699	1702	1706	rVV	1439681	2078367	4.02%	0.348%
63	13.548	1714	1719	1726	rBV2	2340745	4461455	8.63%	0.746%
64	13.619	1726	1731	1738	rVB	1333638	2636753	5.10%	0.441%
65	13.772	1751	1757	1761	rVB	2506870	3939877	7.62%	0.659%
66	13.837	1761	1768	1777	rBV	5288468	10302838	19.92%	1.724%
67	14.078	1803	1809	1821	rVB3	1831503	4529962	8.76%	0.758%
68	14.354	1851	1856	1859	rBV3	1692229	3332625	6.44%	0.557%
69	14.478	1875	1877	1881	rVB3	2447798	3035897	5.87%	0.508%
70	14.642	1902	1905	1915	rVB5	2790976	5521570	10.68%	0.924%
71	14.742	1917	1922	1927	rBV3	1733238	3064528	5.93%	0.513%

LSC Area Percent Report

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Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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	14.901	1943	1949	1953	rVB	7865011	14414406	27.87%	2.411%
73	15.054	1968	1975	1986	rVB6	2694968	6527131	12.62%	1.092%
74	15.154	1987	1992	1997	rBV	5211684	8266637	15.98%	1.383%
75	15.331	2016	2022	2028	rBV7	1950324	5124903	9.91%	0.857%
76	15.419	2033	2037	2046	rVB4	2114019	4597134	8.89%	0.769%
77	15.501	2046	2051	2055	rBV3	2593130	4023149	7.78%	0.673%
78	15.566	2055	2062	2070	rVV9	2423115	7270109	14.06%	1.216%
79	15.684	2070	2082	2091	rVV2	11304712	31262700	60.45%	5.230%
80	15.778	2092	2098	2101	rVV2	5286933	8786497	16.99%	1.470%
81	15.831	2101	2107	2114	rVB2	5170709	10334182	19.98%	1.729%
82	15.937	2122	2125	2136	rVB7	1095347	2520097	4.87%	0.422%
83	16.231	2169	2175	2179	rVB	2241594	3785718	7.32%	0.633%
84	16.619	2237	2241	2247	rVB2	2820412	4290914	8.30%	0.718%
85	16.689	2248	2253	2255	rBV	4957227	7982145	15.43%	1.335%
86	16.931	2291	2294	2303	rVB5	1587087	2424941	4.69%	0.406%
87	17.048	2309	2314	2321	rBV4	1868203	3480544	6.73%	0.582%
88	17.472	2372	2386	2388	rBV4	13084443	51718998	100.00%	8.652%
89	17.889	2453	2457	2461	rBV3	1581398	2111207	4.08%	0.353%
90	18.013	2473	2478	2481	rBV4	1193713	2472488	4.78%	0.414%
91	18.207	2506	2511	2519	rVB	4206245	6448396	12.47%	1.079%
92	18.883	2622	2626	2633	rVB	3502851	4466146	8.64%	0.747%
93	19.501	2726	2731	2733	rBV	3029767	3915432	7.57%	0.655%
94	20.066	2823	2827	2831	rVB	2417530	2816929	5.45%	0.471%
95	20.589	2912	2916	2920	rBV2	2125122	2605639	5.04%	0.436%
96	21.536	3073	3077	3084	rVB2	3454267	4404265	8.52%	0.737%
97	21.883	3132	3136	3146	rVB2	1148793	2172308	4.20%	0.363%
98	21.983	3149	3153	3160	rVB2	1676684	2460399	4.76%	0.412%
99	22.366	3213	3218	3226	rVV2	1408903	2175682	4.21%	0.364%
100	22.454	3229	3233	3239	rVB2	2569015	3763571	7.28%	0.630%

Sum of corrected areas: 597781644

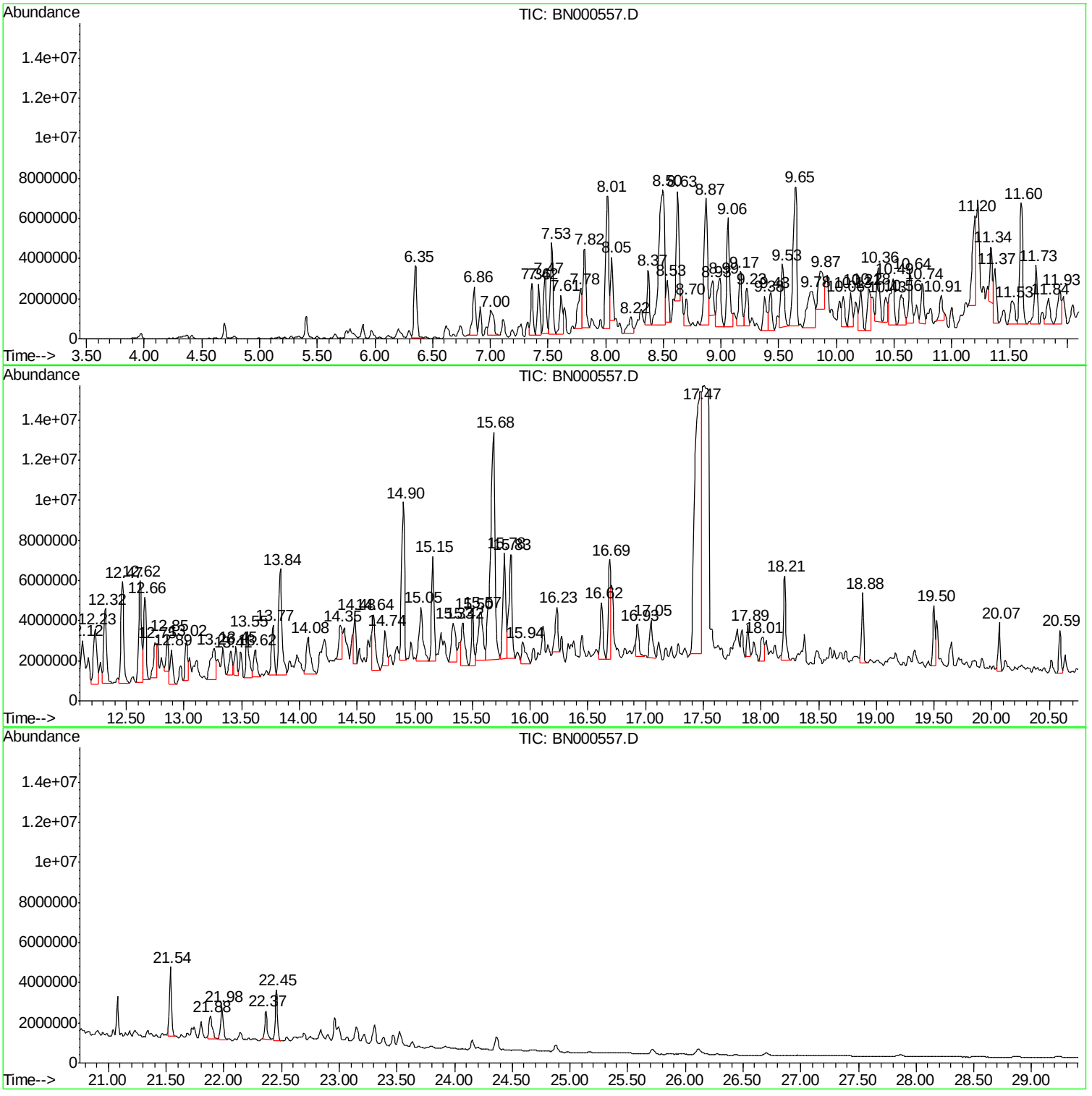
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM42DL

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 : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

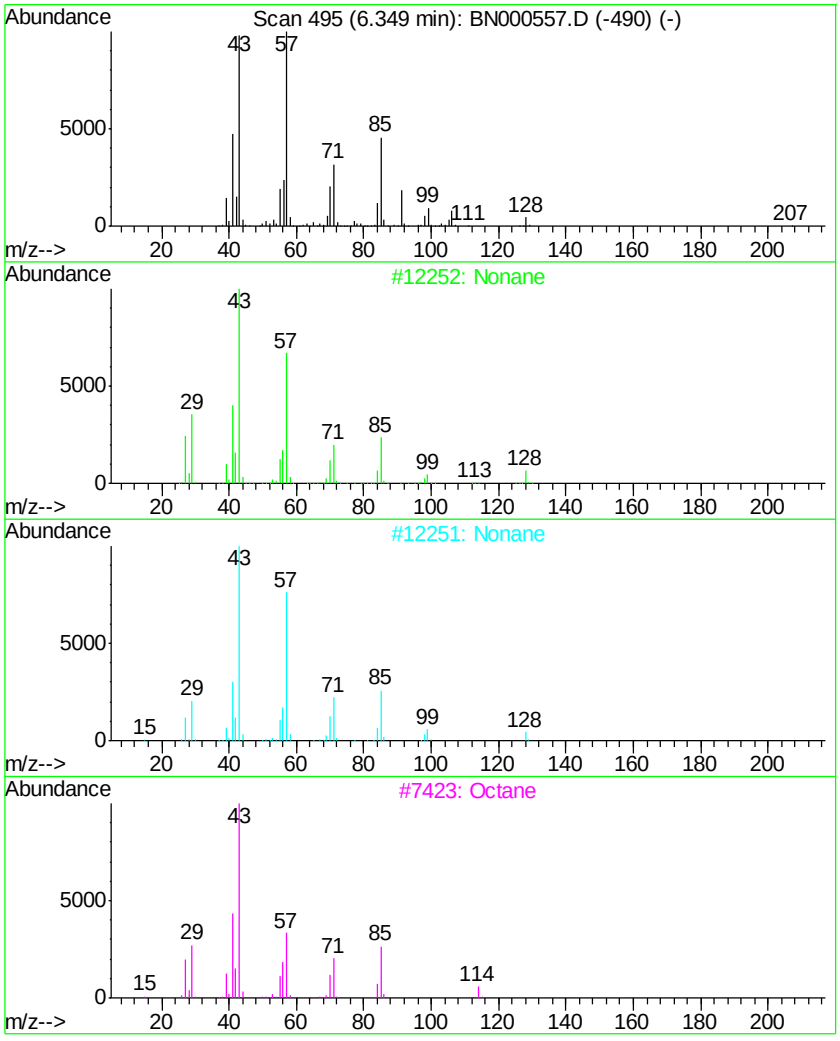
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

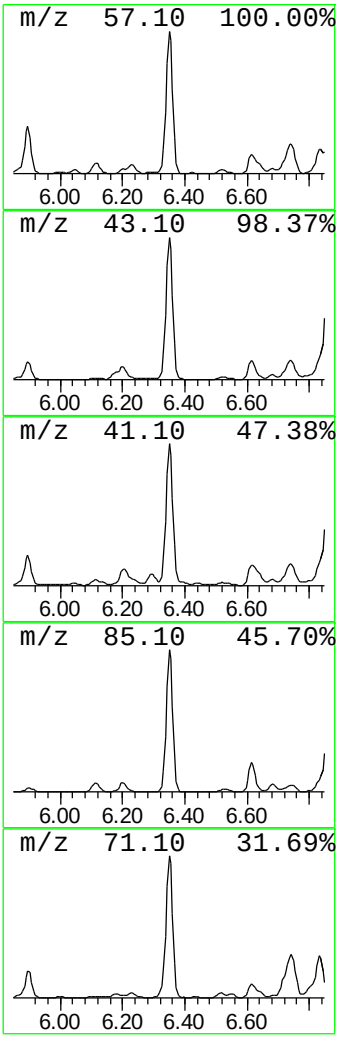
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	29.70 ng/ul	6146260	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	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

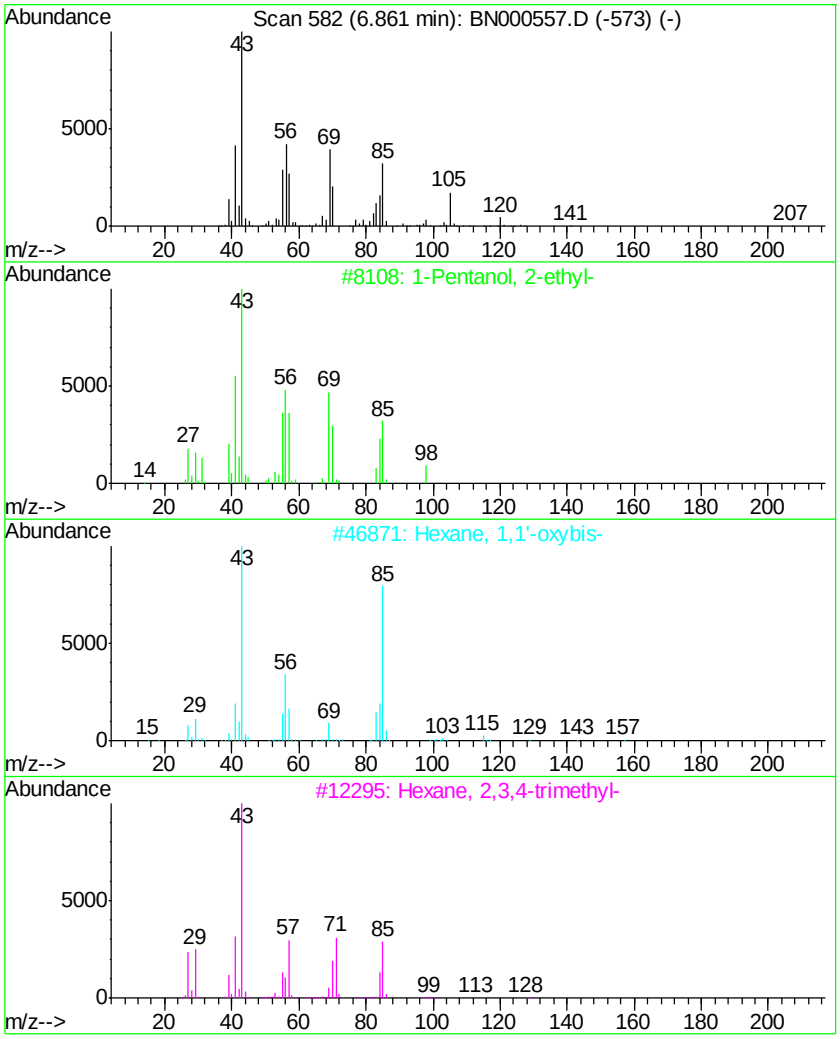
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

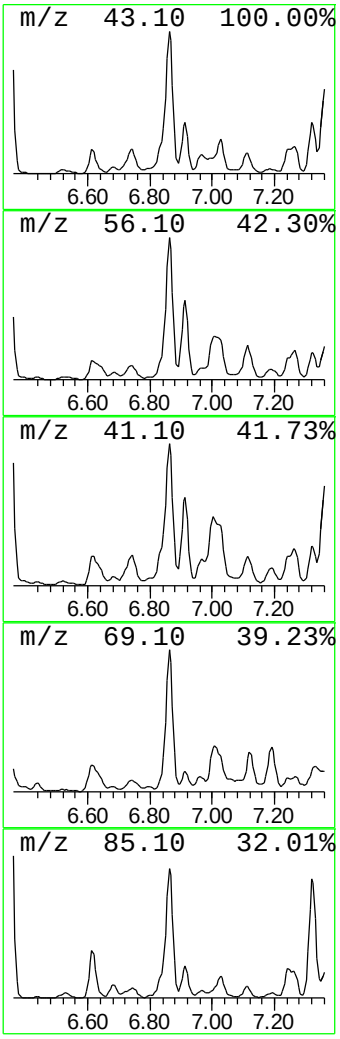
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Pentanol, 2-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	22.56 ng/ul	4667370	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	64
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	53
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
4	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	43
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	42





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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

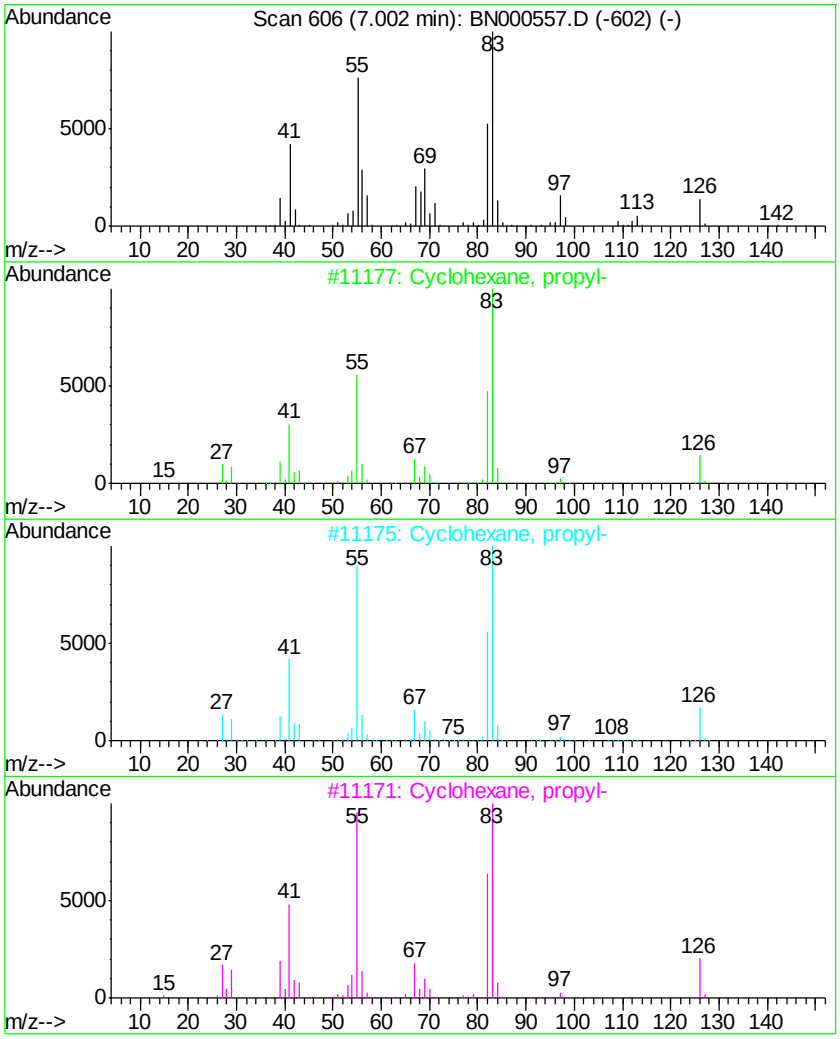
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

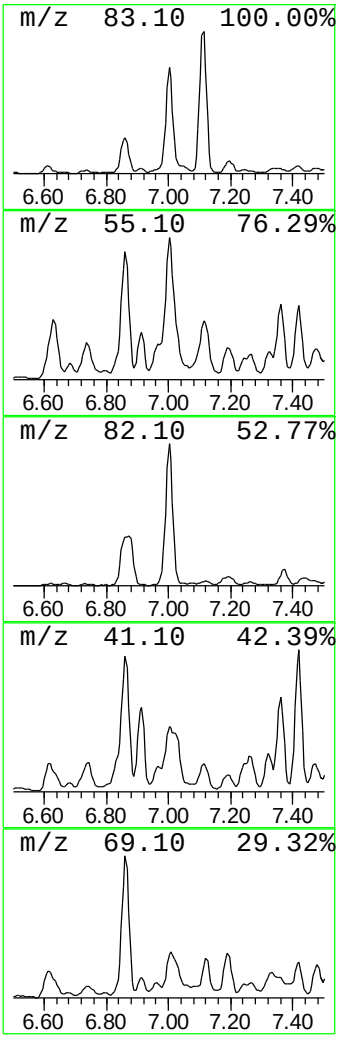
****

Peak Number 3 (DEL) Alkane: Cyclic7.00 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	16.41 ng/ul	3394770	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, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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

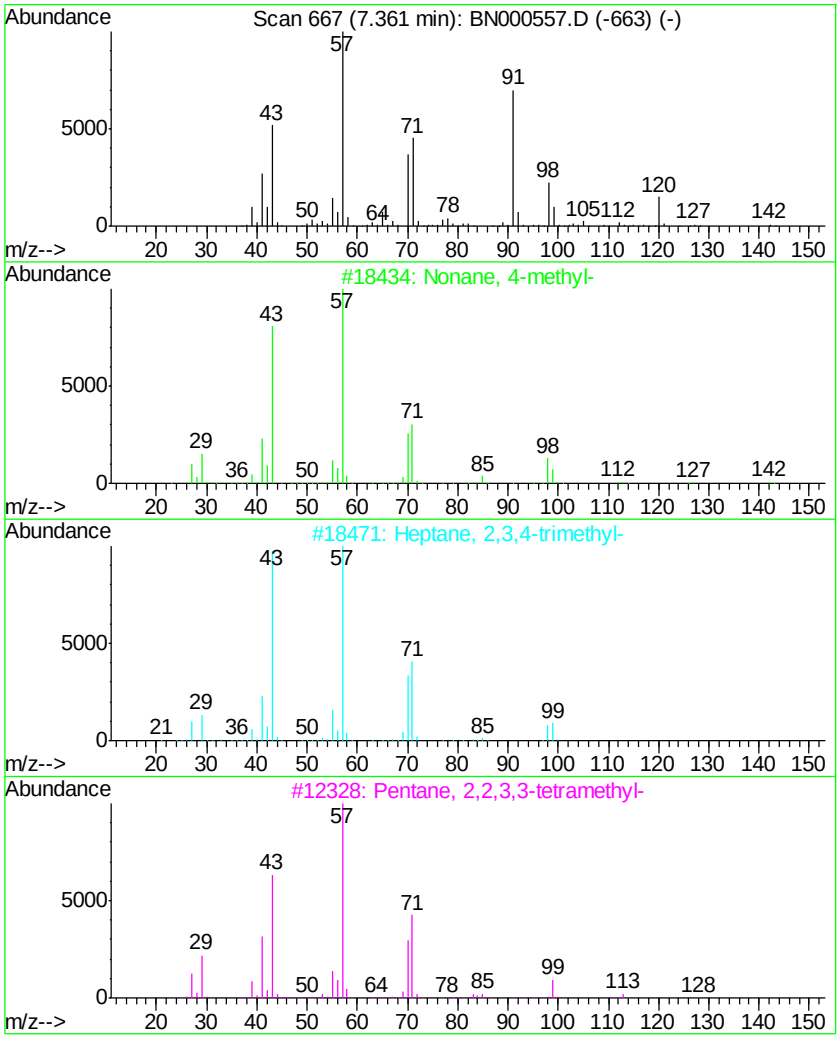
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

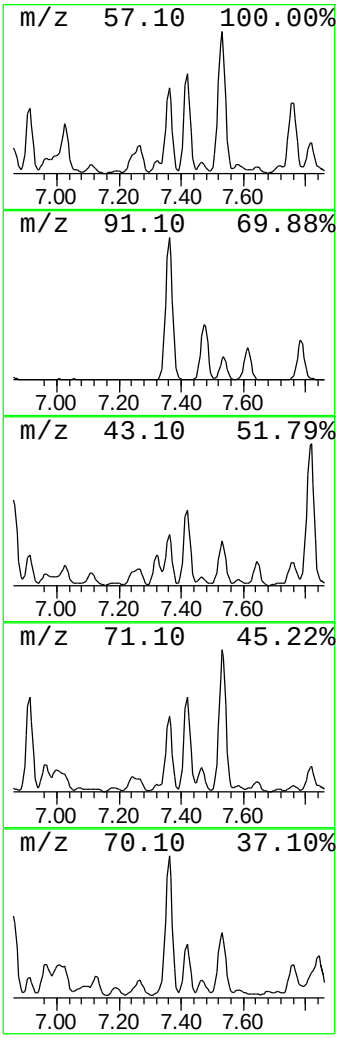
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	18.15 ng/ul	3756330	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

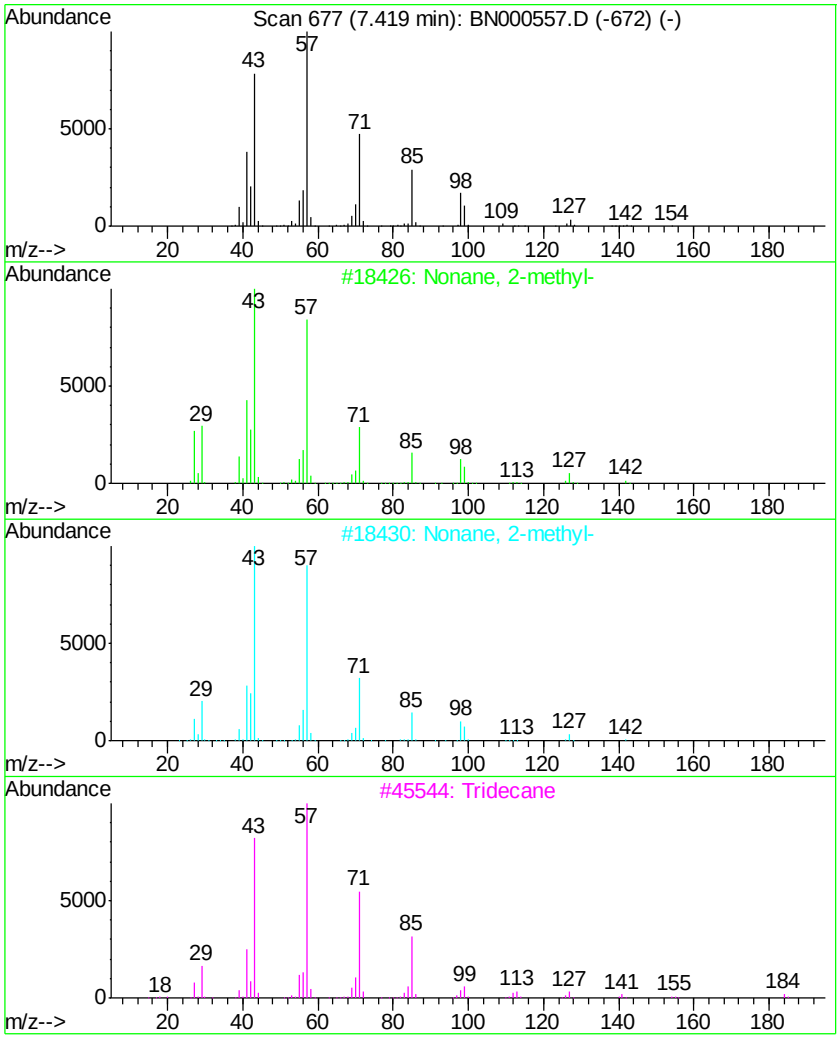
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

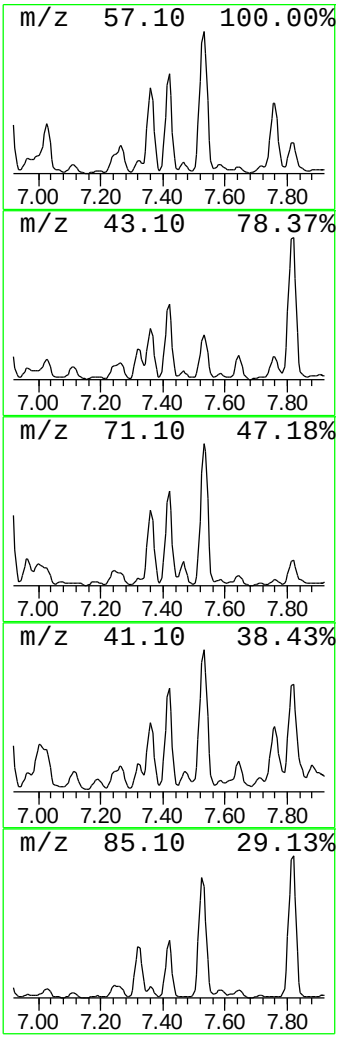
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	17.59 ng/ul	3639170	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	86
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	81
3	Tridecane	184	C13H28	000629-50-5	64
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5	Tridecane	184	C13H28	000629-50-5	59





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

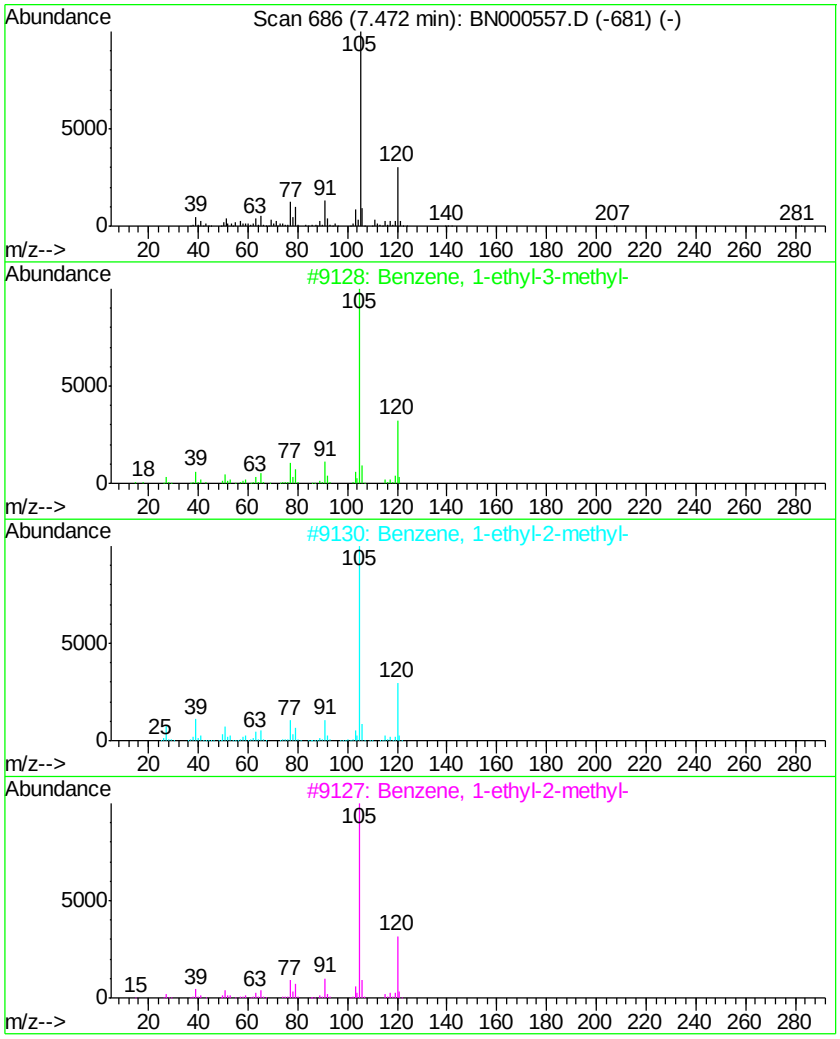
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

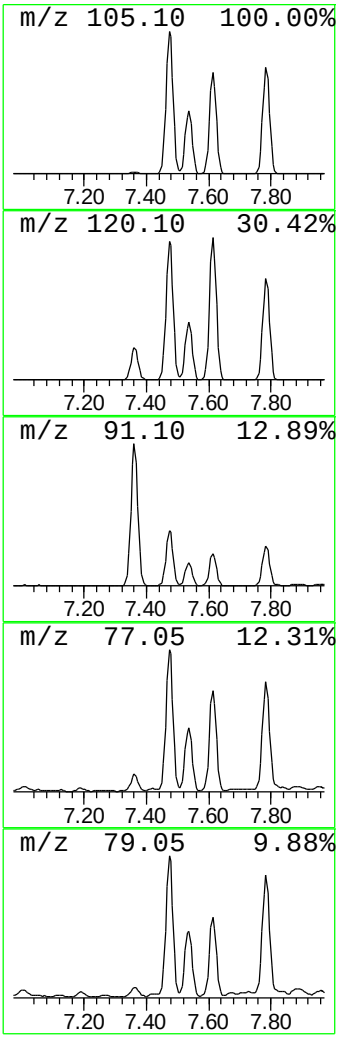
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	21.49 ng/ul	4446150	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

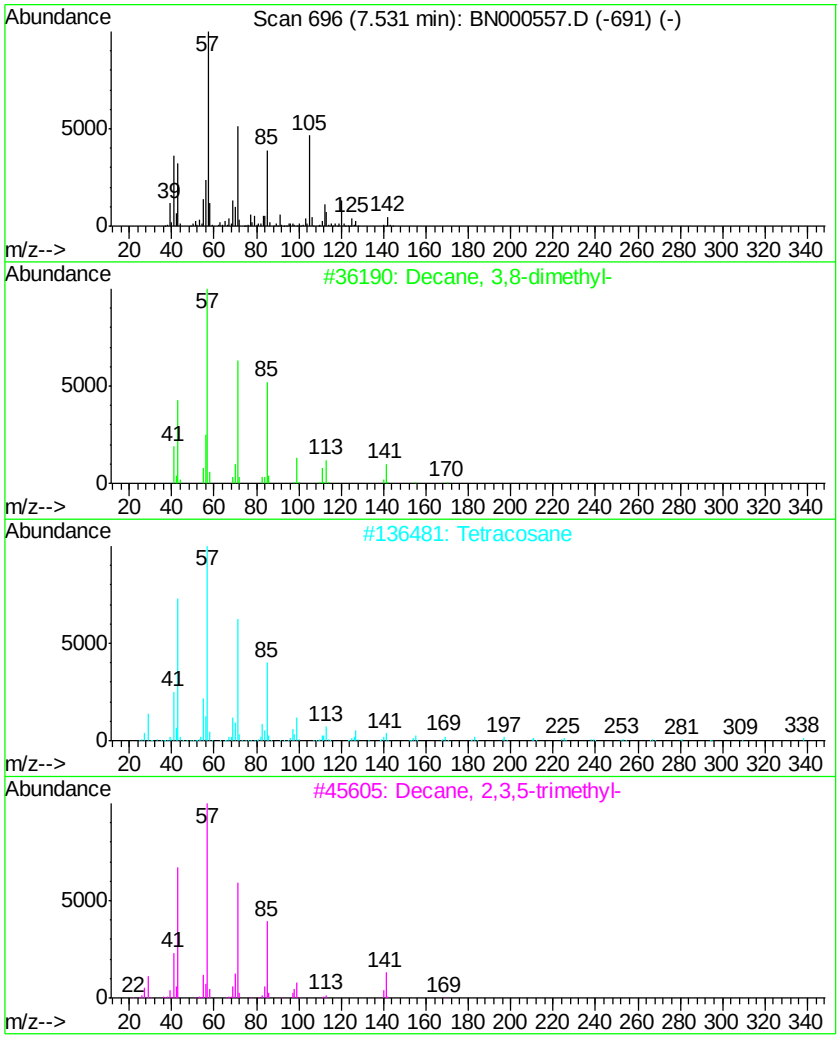
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

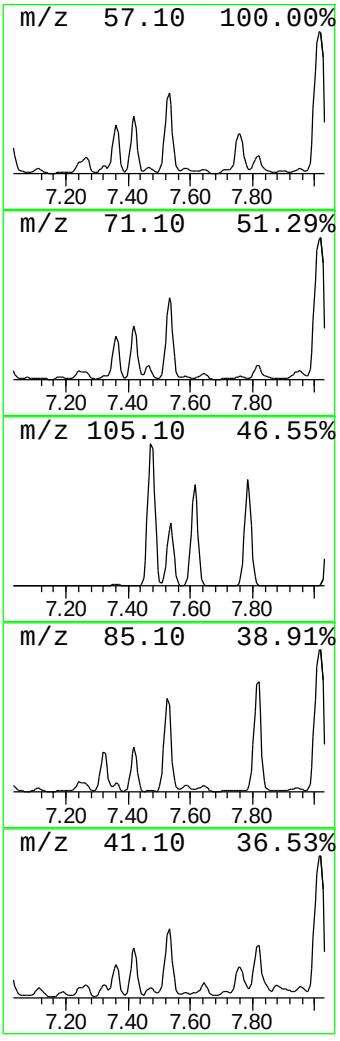
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	36.93 ng/ul	7640950	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
2	Tetracosane	338	C24H50	000646-31-1	50
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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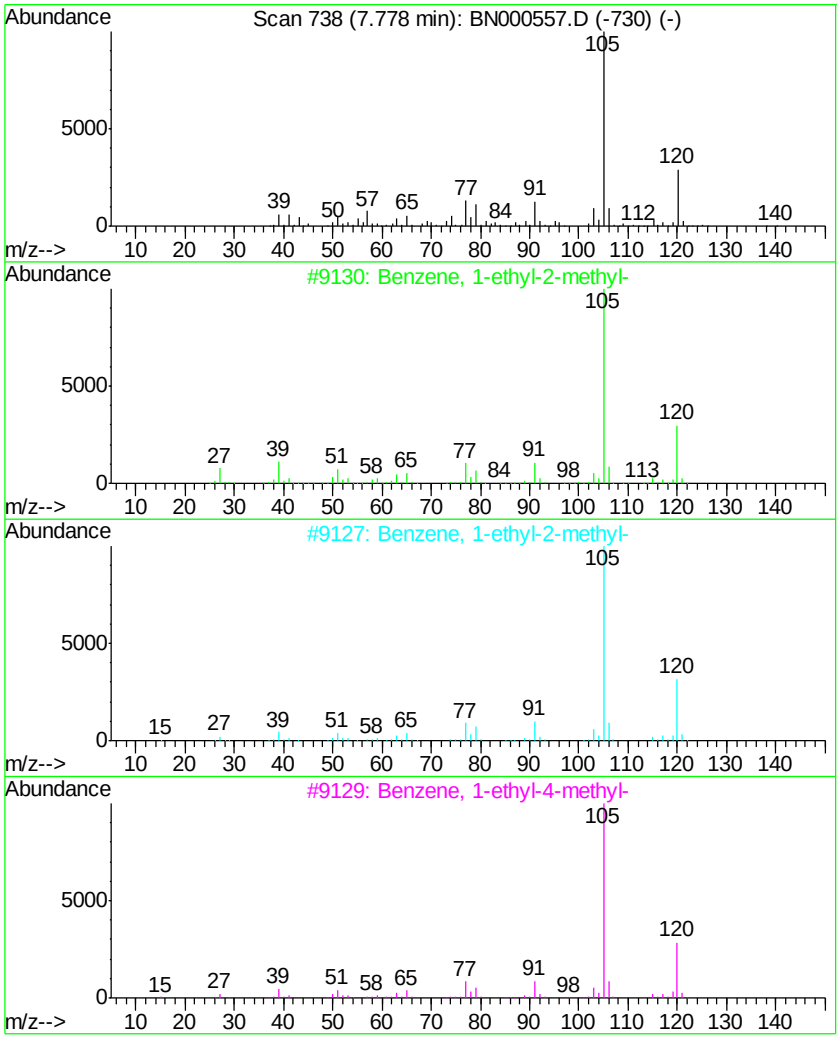
Quant Title : SVOA CALIBRATION

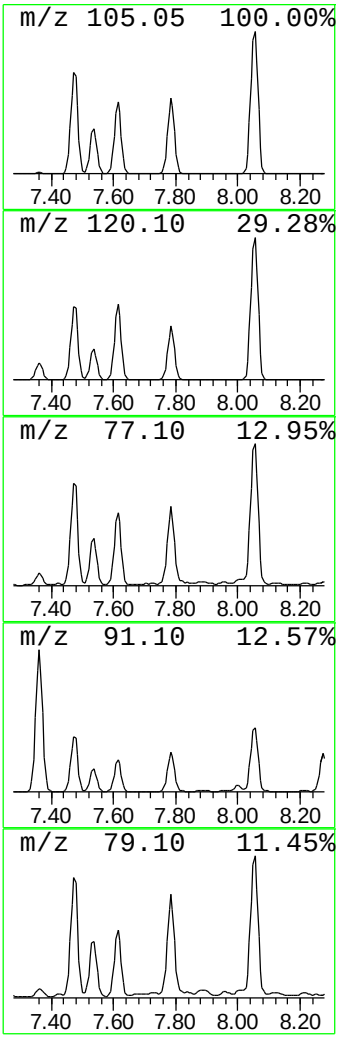
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	23.94 ng/ul	4954020	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-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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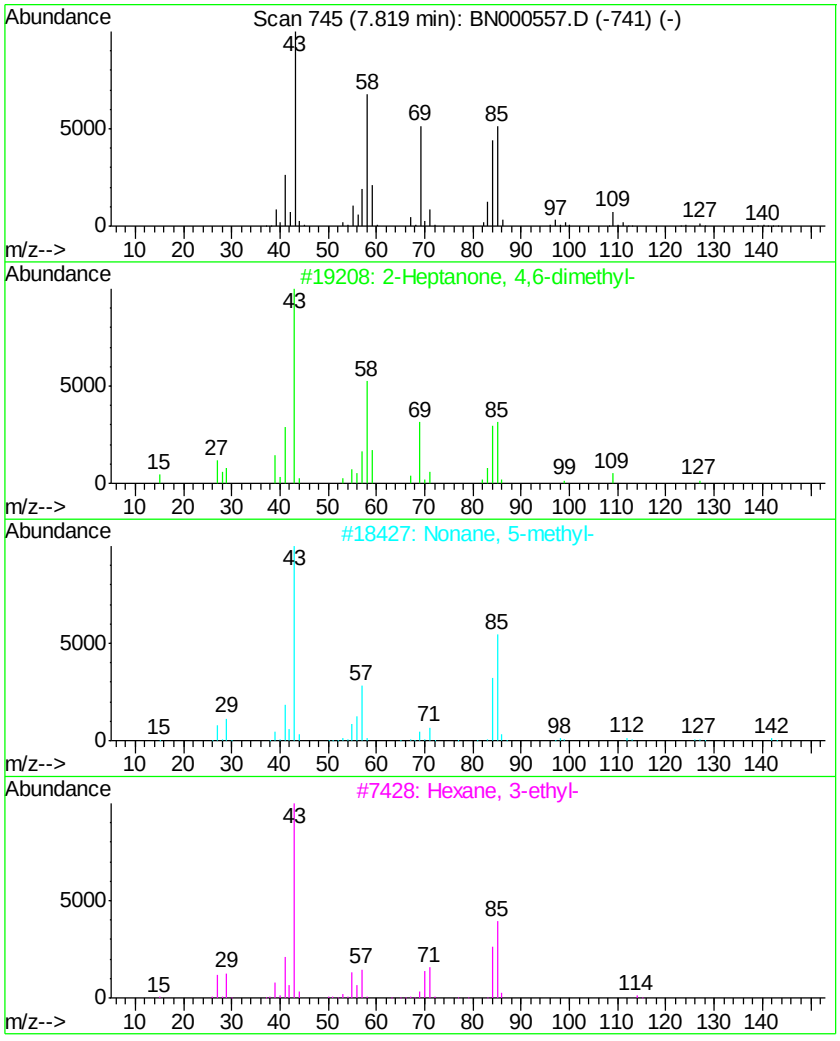
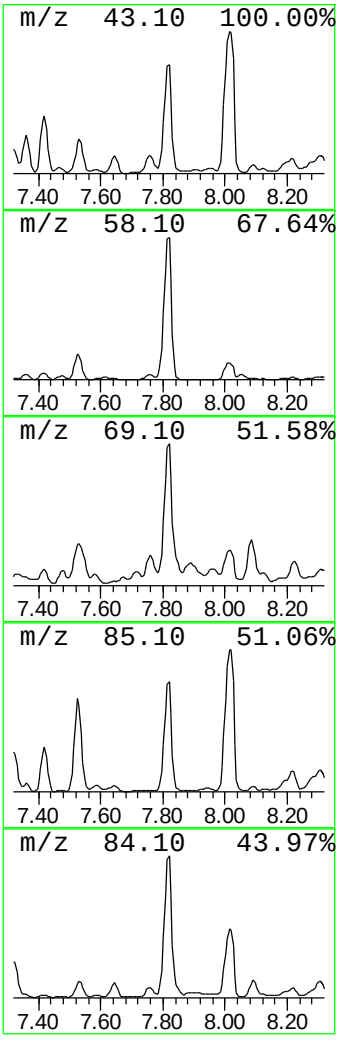
Peak Number 9 2-Heptanone, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	31.64 ng/ul	6546260	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	72
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	43
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
5	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	37





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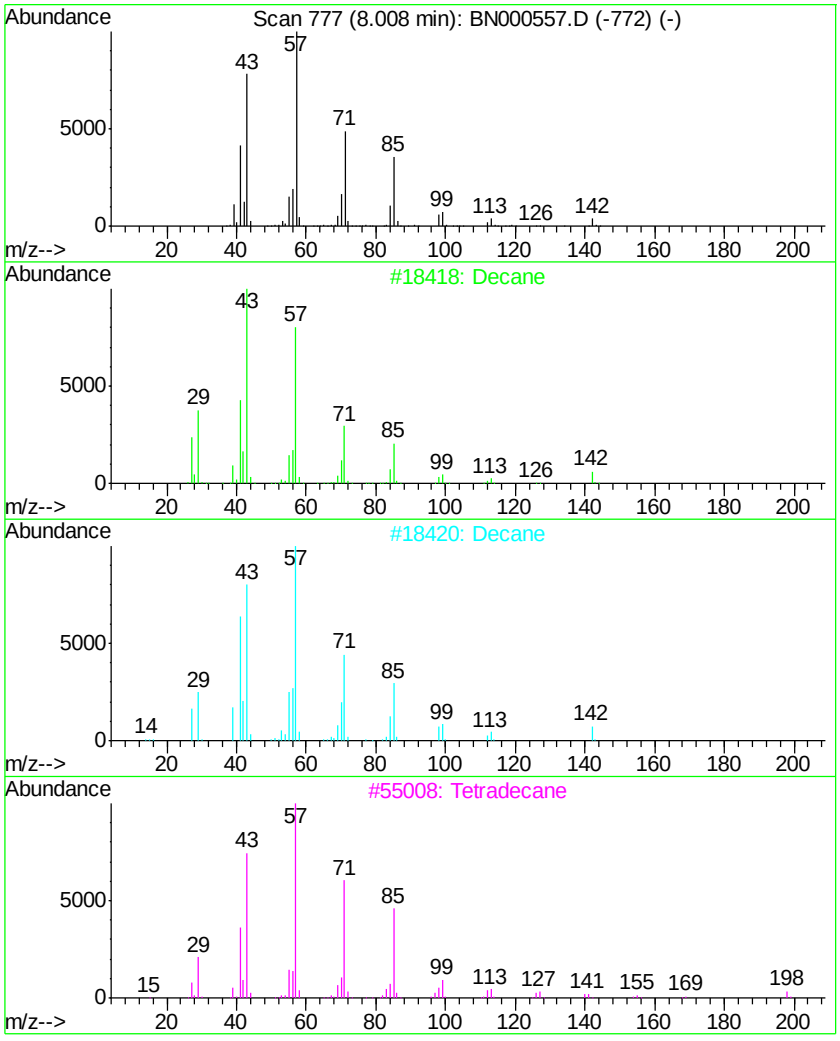
Quant Title : SVOA CALIBRATION

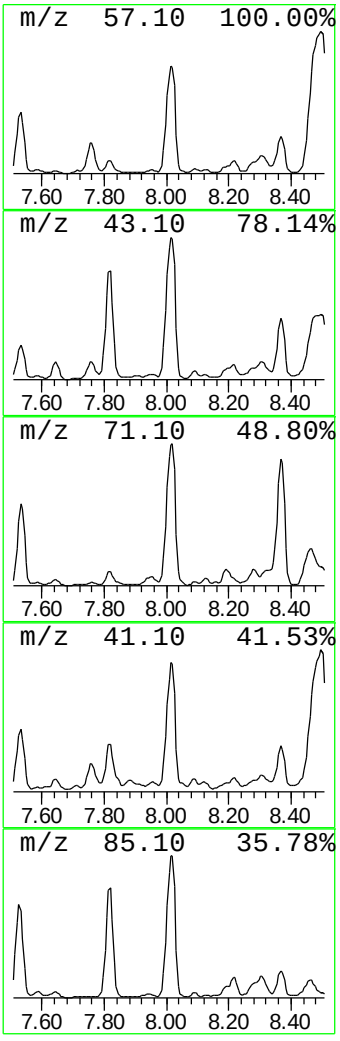
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	63.55 ng/ul	13150400	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	Tetradecane	198	C14H30	000629-59-4	78
4	Decane	142	C10H22	000124-18-5	76
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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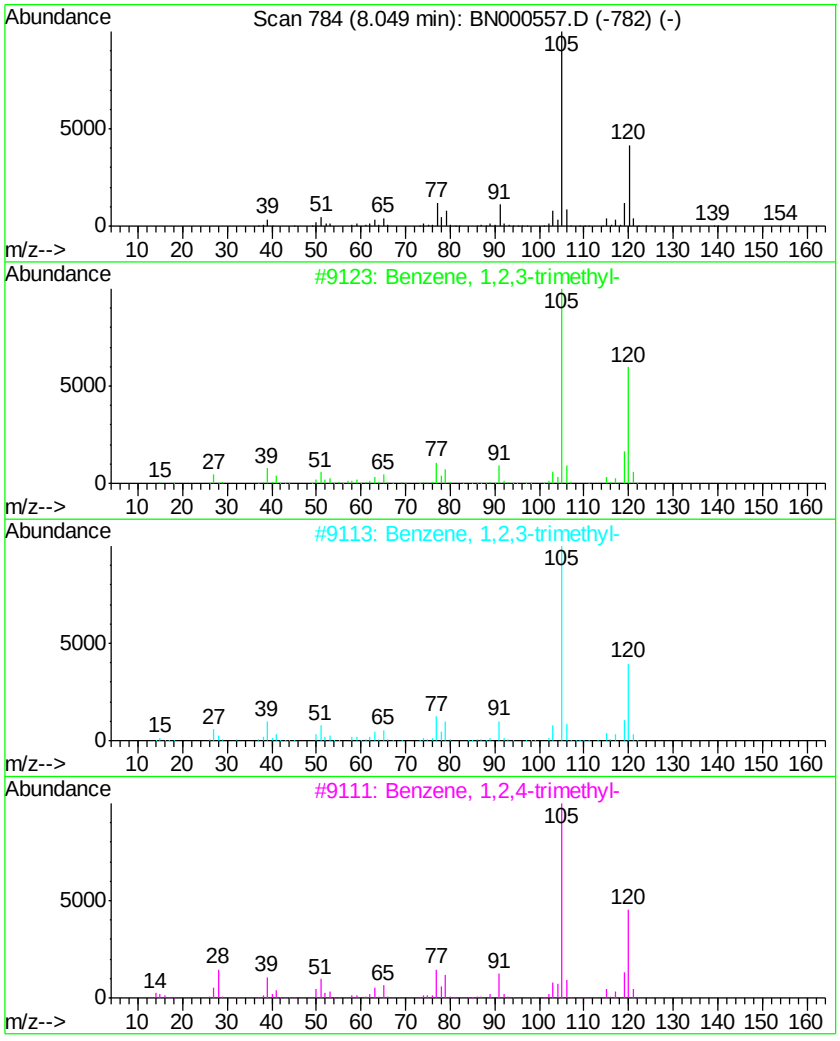
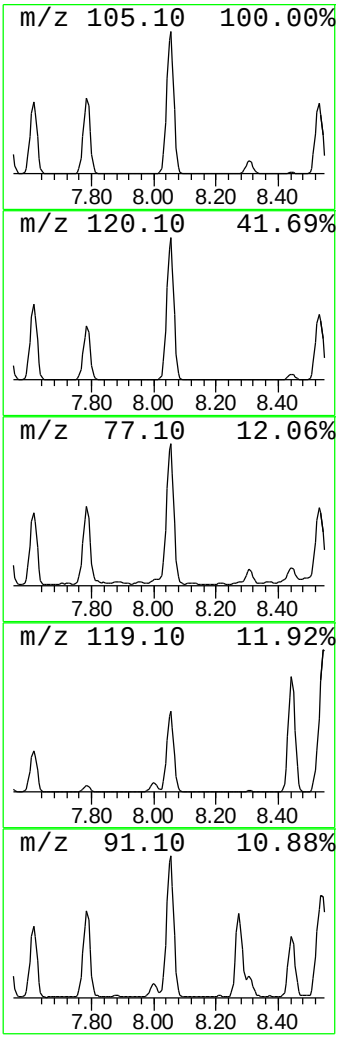
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	20.11 ng/ul	4160450	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	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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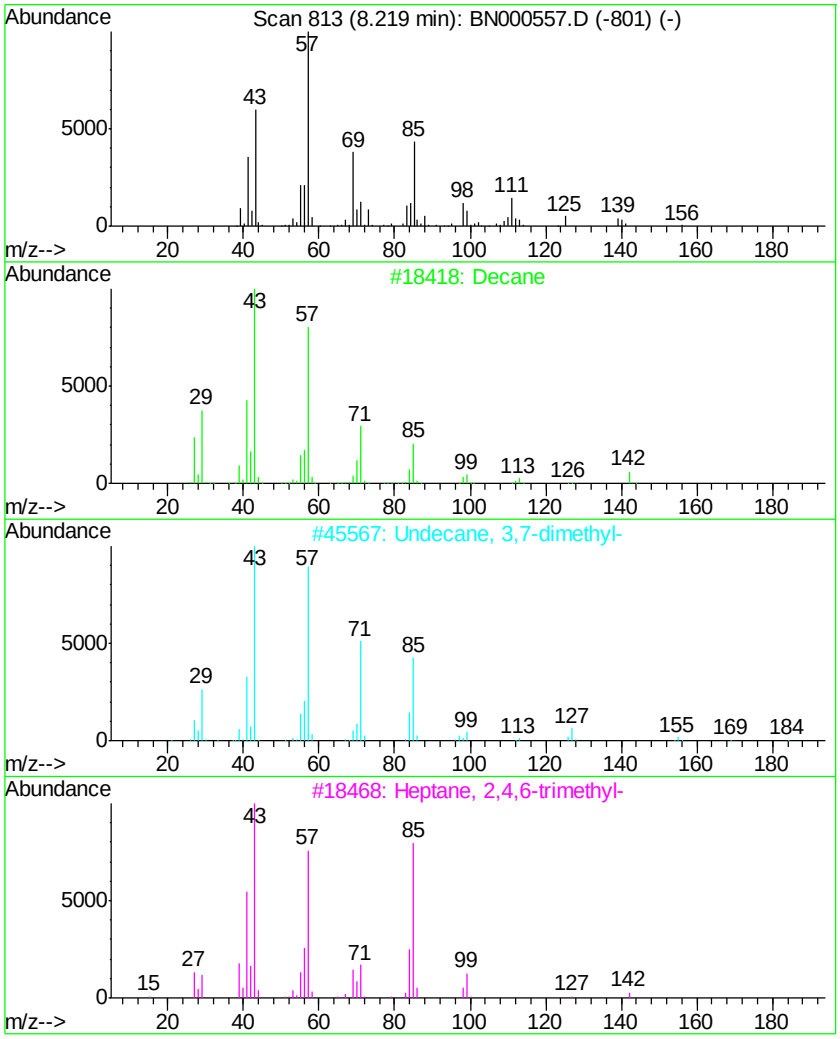
Quant Title : SVOA CALIBRATION

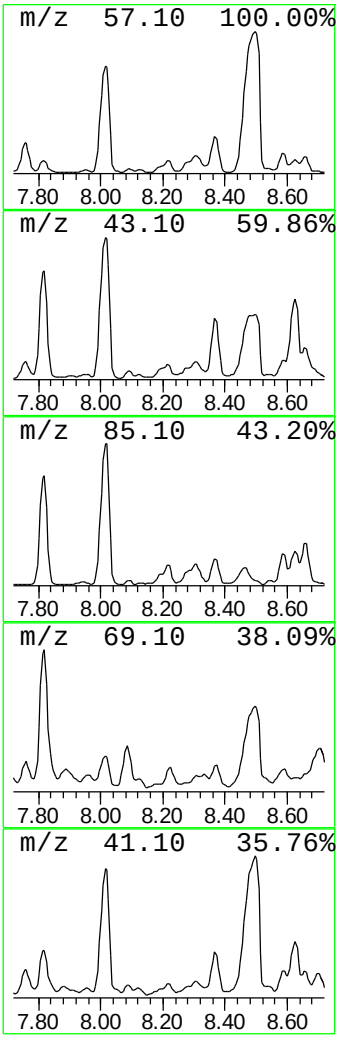
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	10.72 ng/ul	2219180	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	59
2	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47





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Sample : J1905-07DL 5X
Misc :
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Instrument : BNA_N
ClientSampleId : DAM42DL

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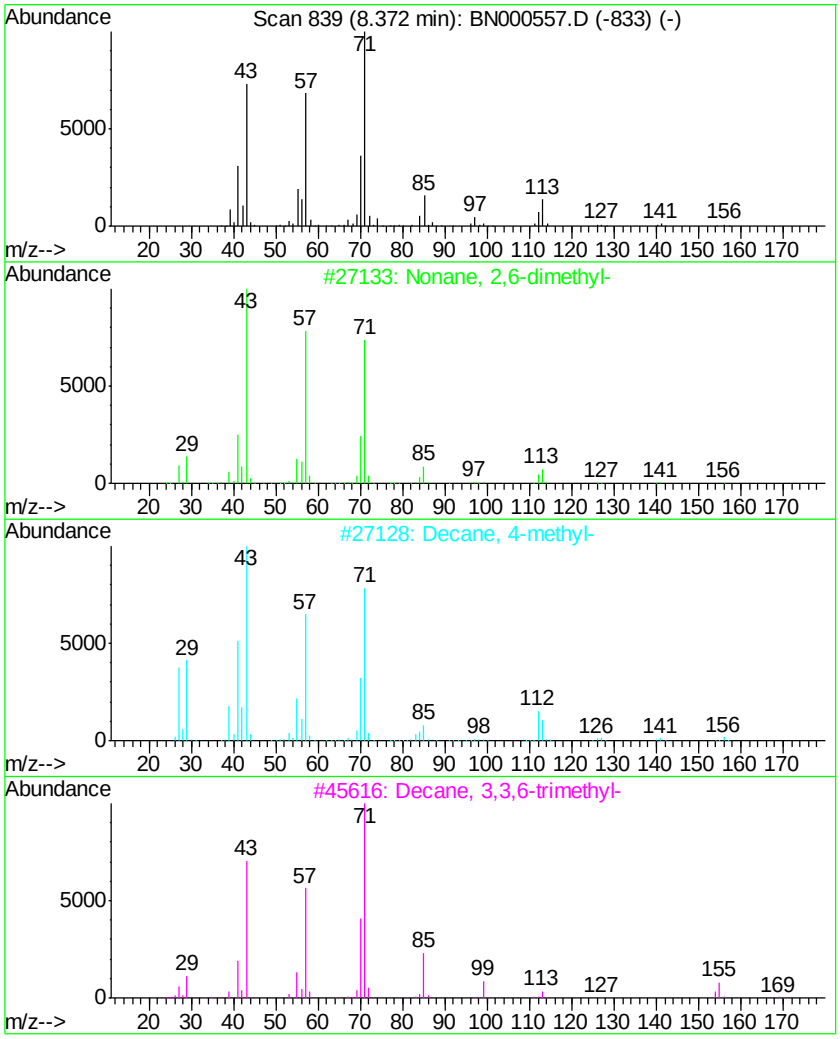
Quant Title : SVOA CALIBRATION

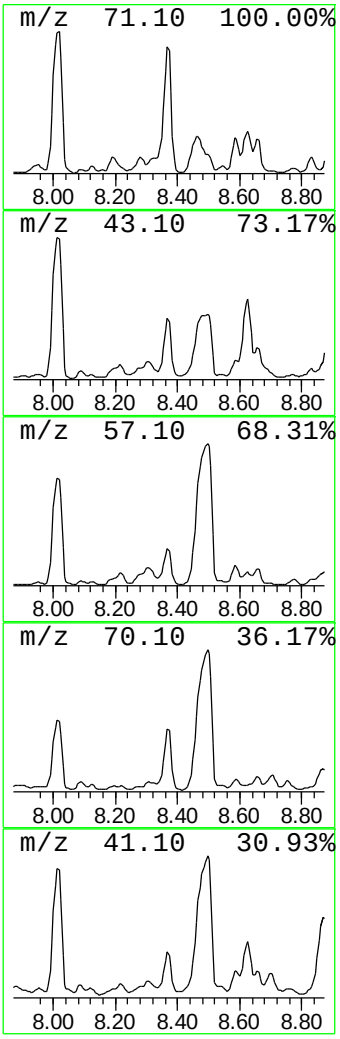
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	20.00 ng/ul	4138410	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2	Decane, 4-methyl-	156	C11H24	002847-72-5	78
3	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	72
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	64





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Misc :
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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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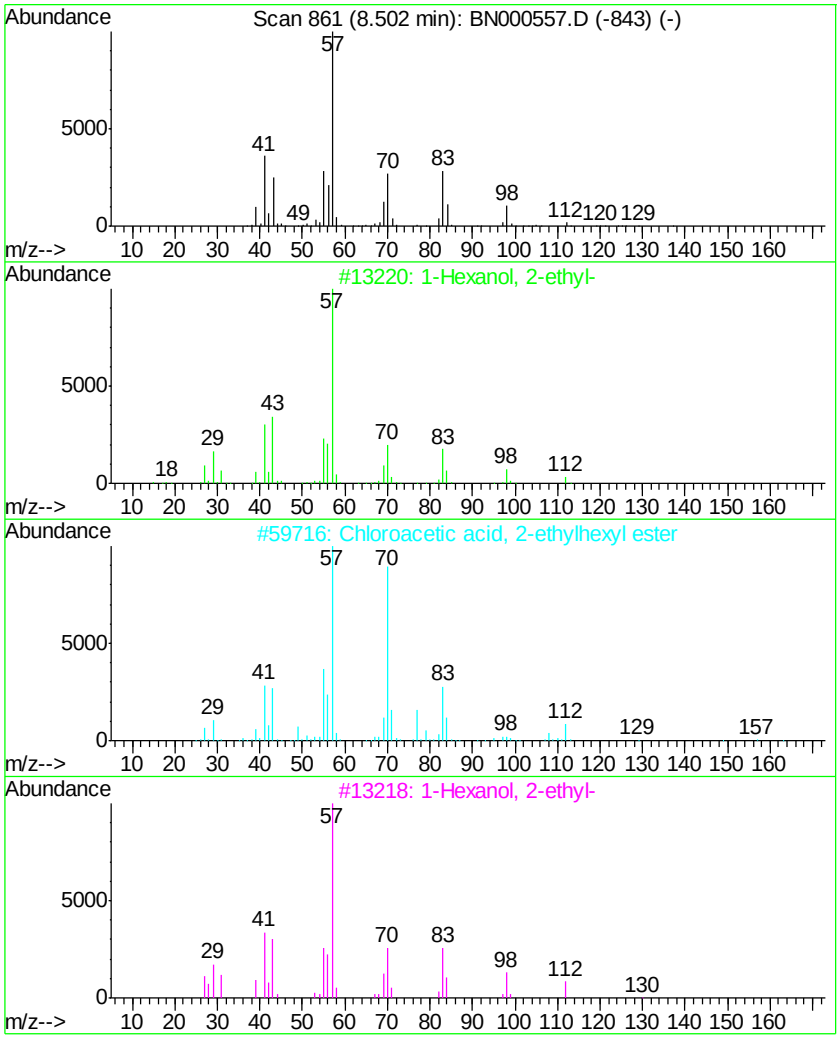
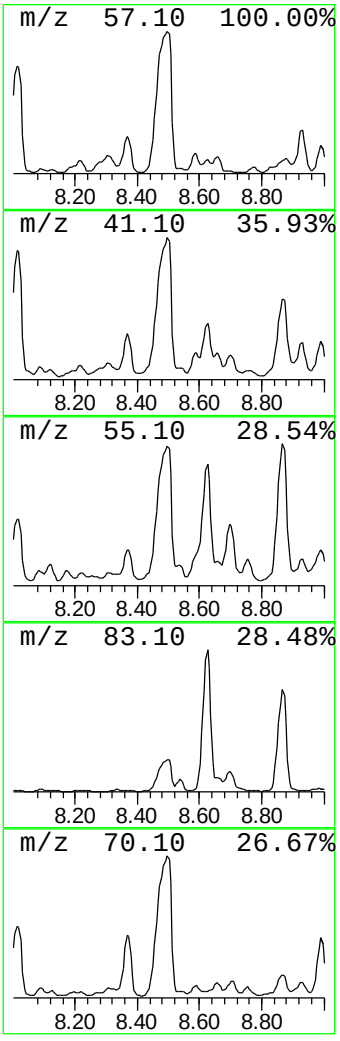
Peak Number 14 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	110.74 ng/ul	22915000	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	72
2	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





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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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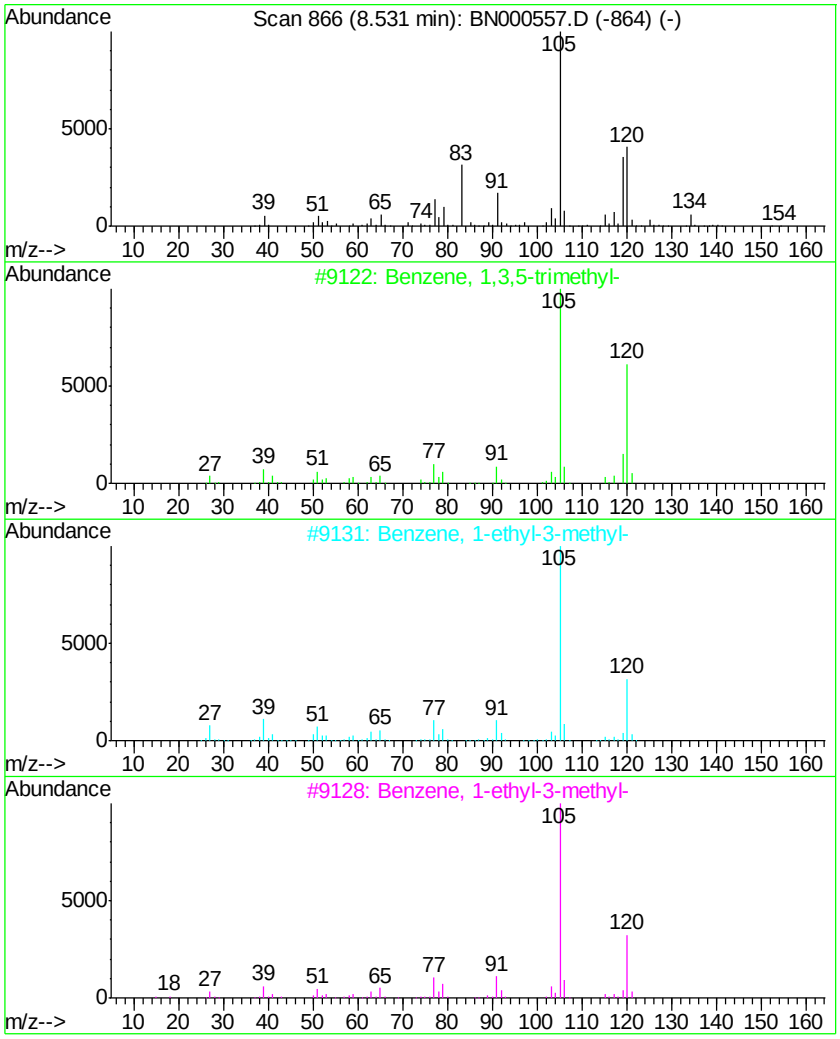
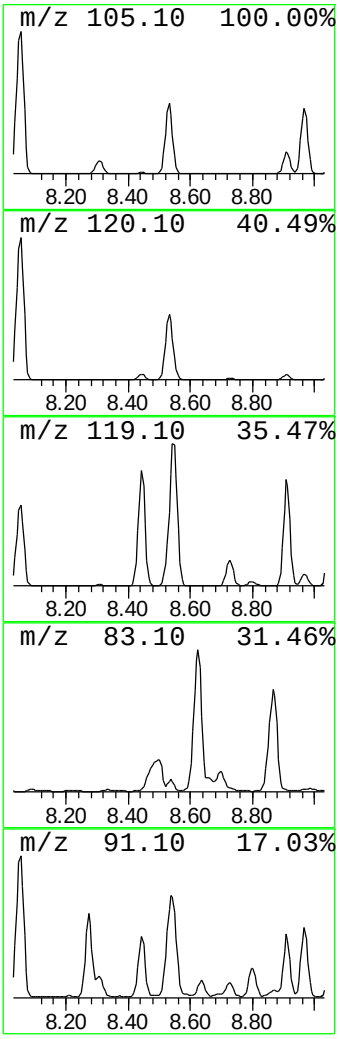
Peak Number 15 Benzene, 1,3,5-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	15.36 ng/ul	3178910	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60





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Quant Title : SVOA CALIBRATION

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

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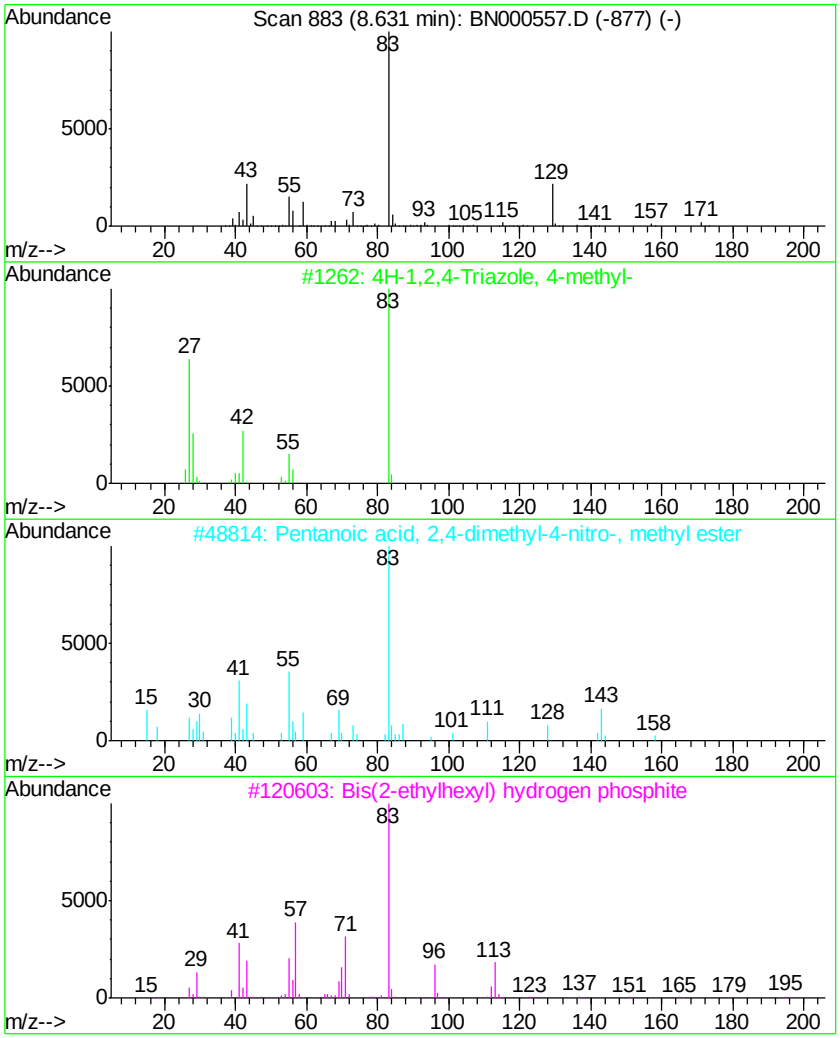
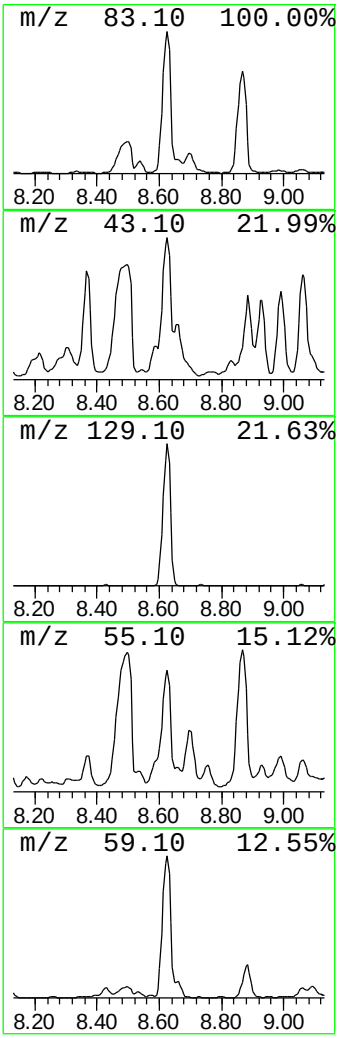
Peak Number 16 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	40.93 ng/ul	8469180	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	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	33
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	28





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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

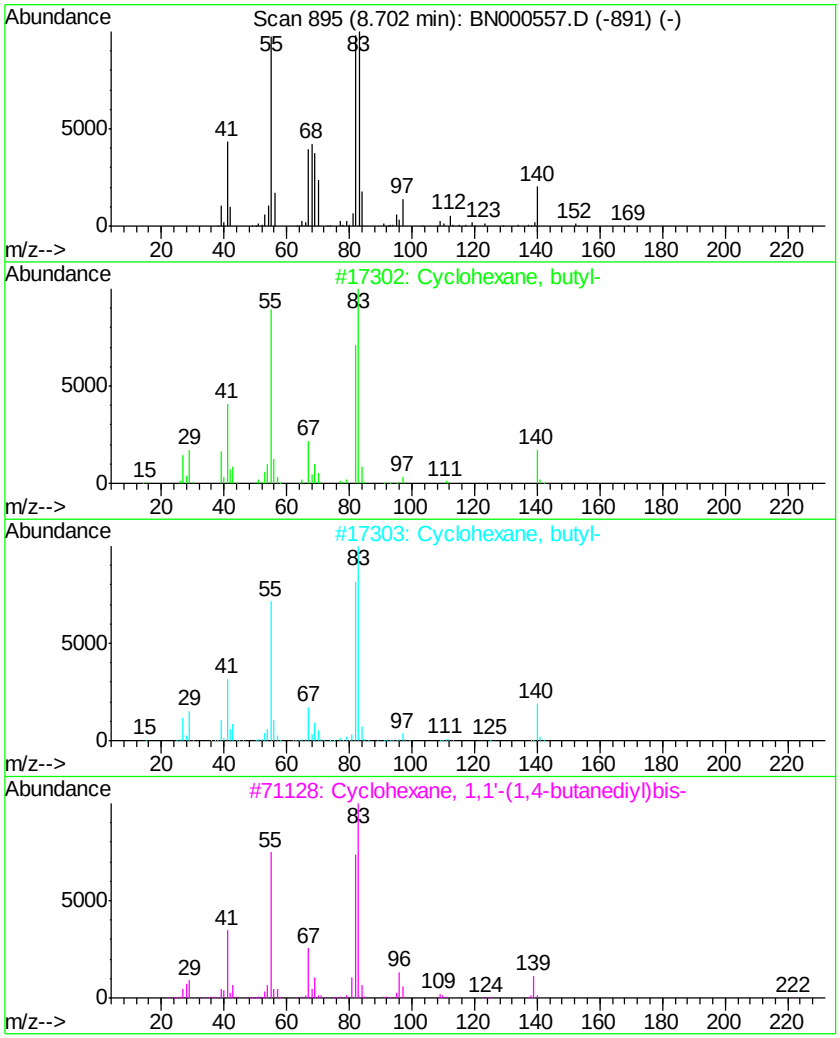
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

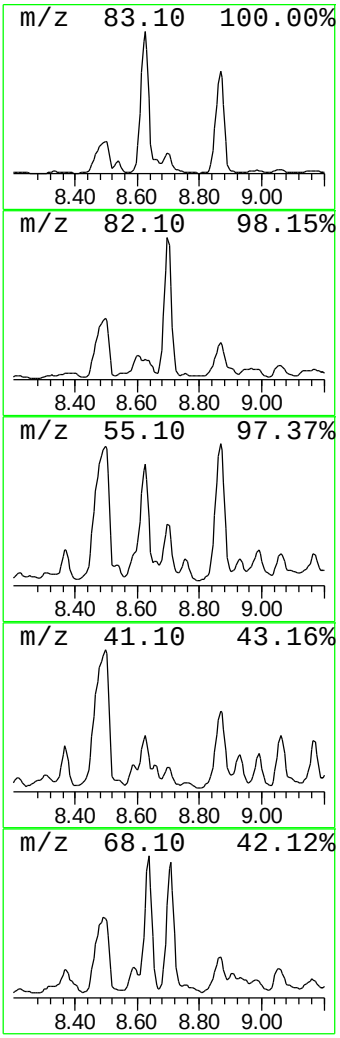
****

Peak Number 17 (DEL) Alkane: Cyclic8.70 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	10.82 ng/ul	2239140	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	64





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

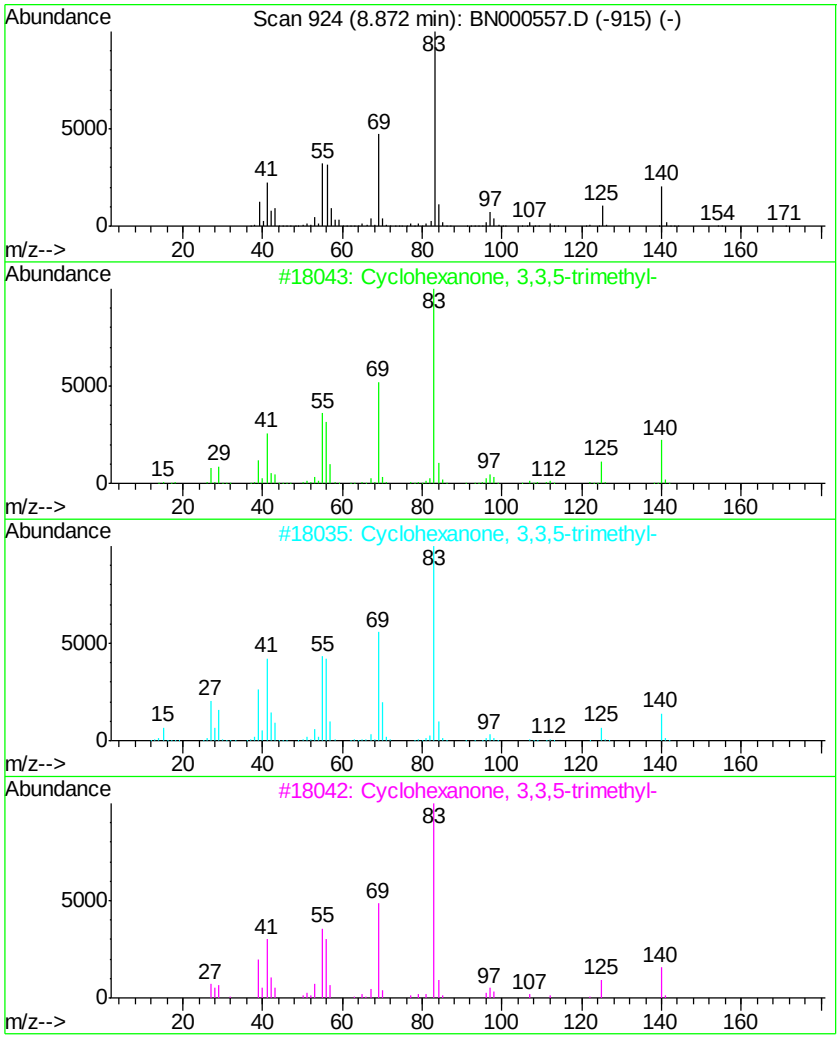
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

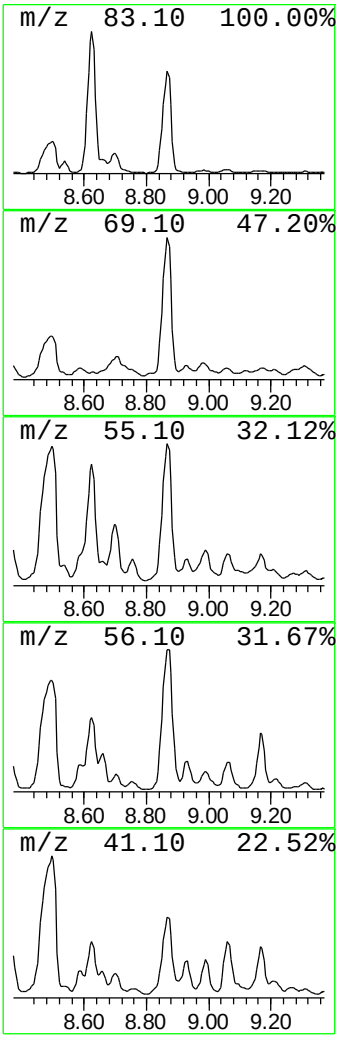
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	65.87 ng/ul	13630000	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	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
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	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	59





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

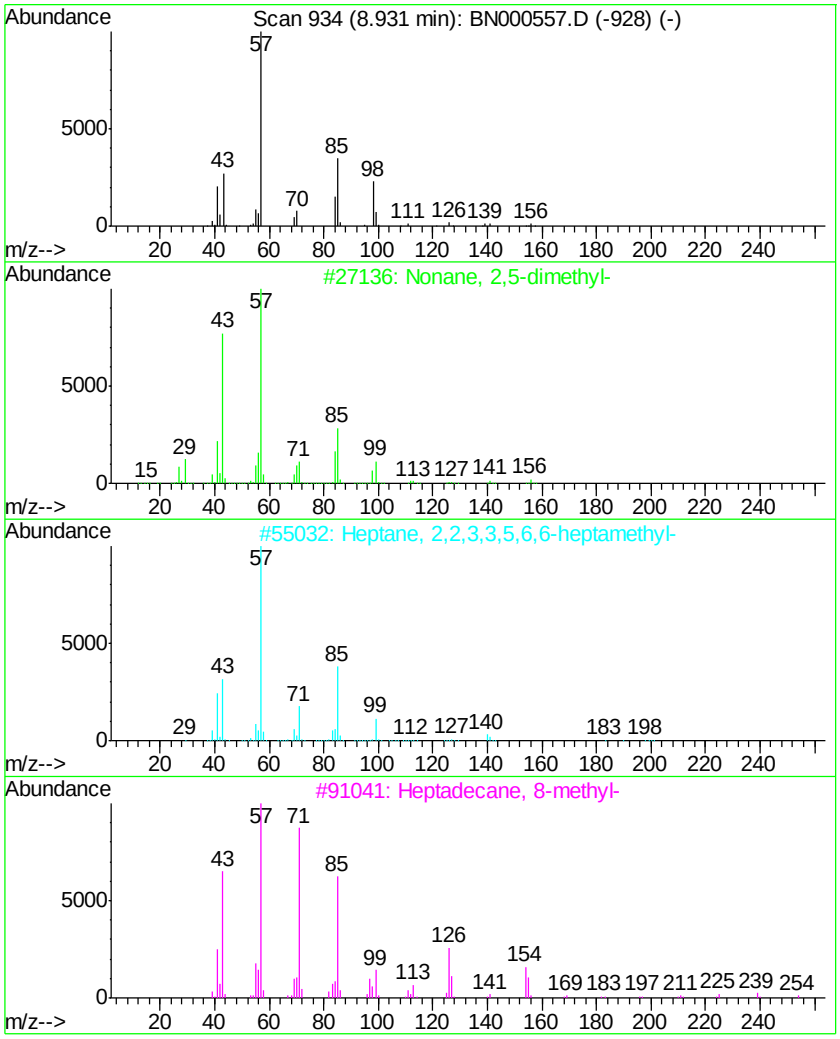
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

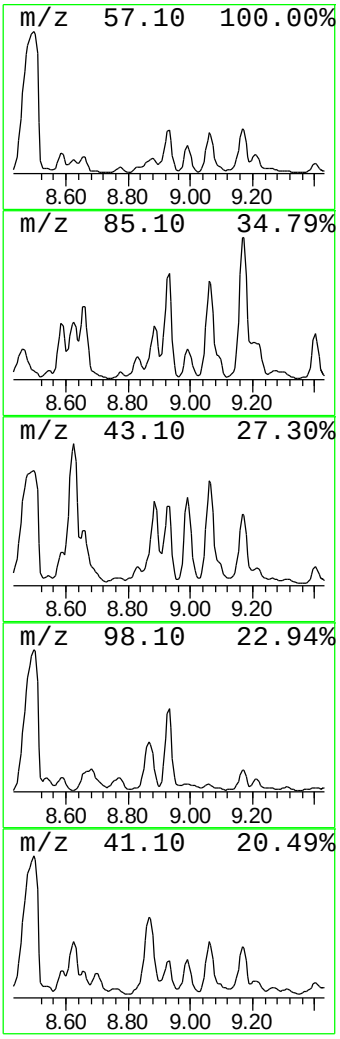
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	16.11 ng/ul	3334300	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	47
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43
4	Decane, 5-methyl-	156	C11H24	013151-35-4	43
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	43





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

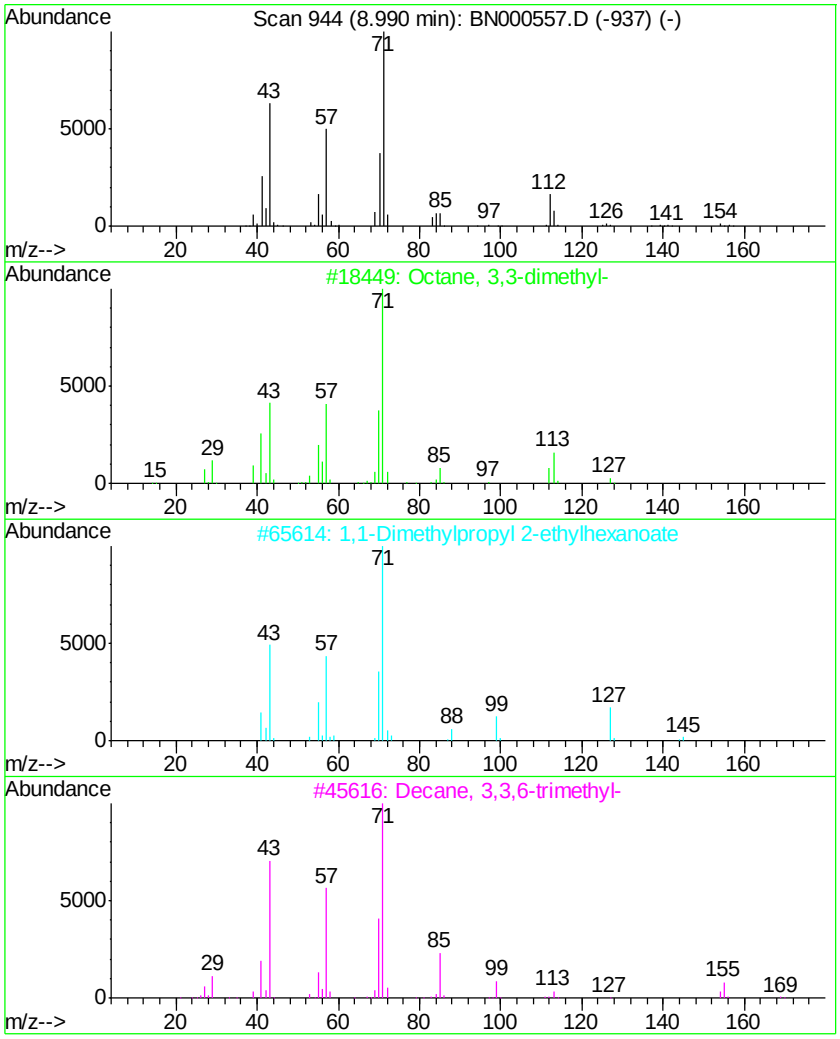
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

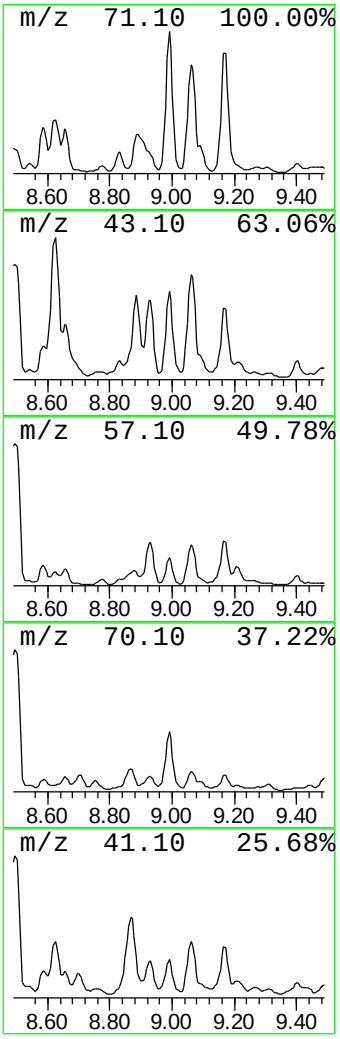
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	28.90 ng/ul	5980810	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	64
3	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	64
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	64
5	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	64





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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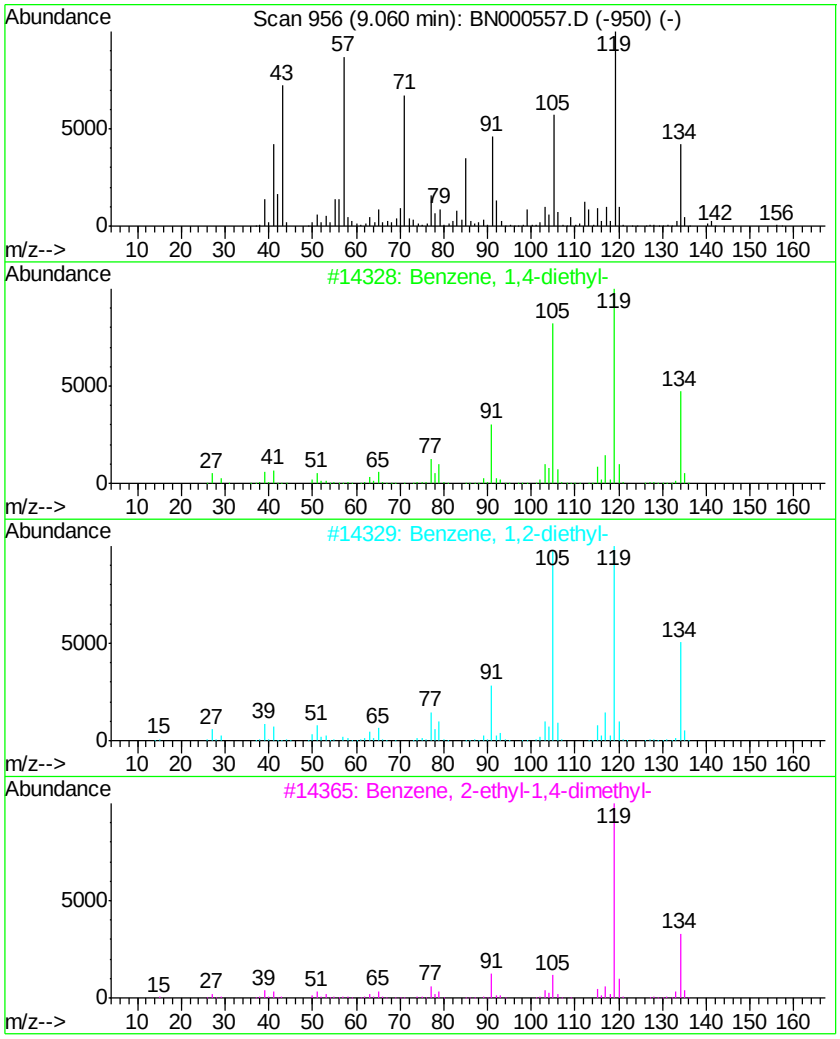
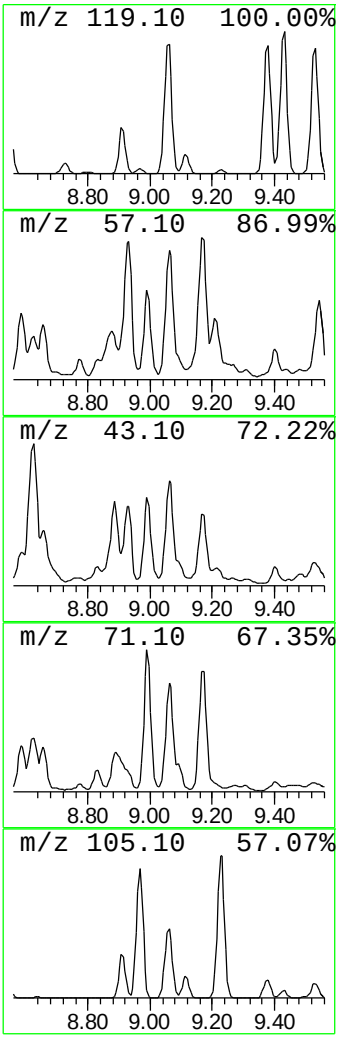
Peak Number 21 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	49.01 ng/ul	10141800	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, 1,2-diethyl-	134	C10H14	000135-01-3	80
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	78





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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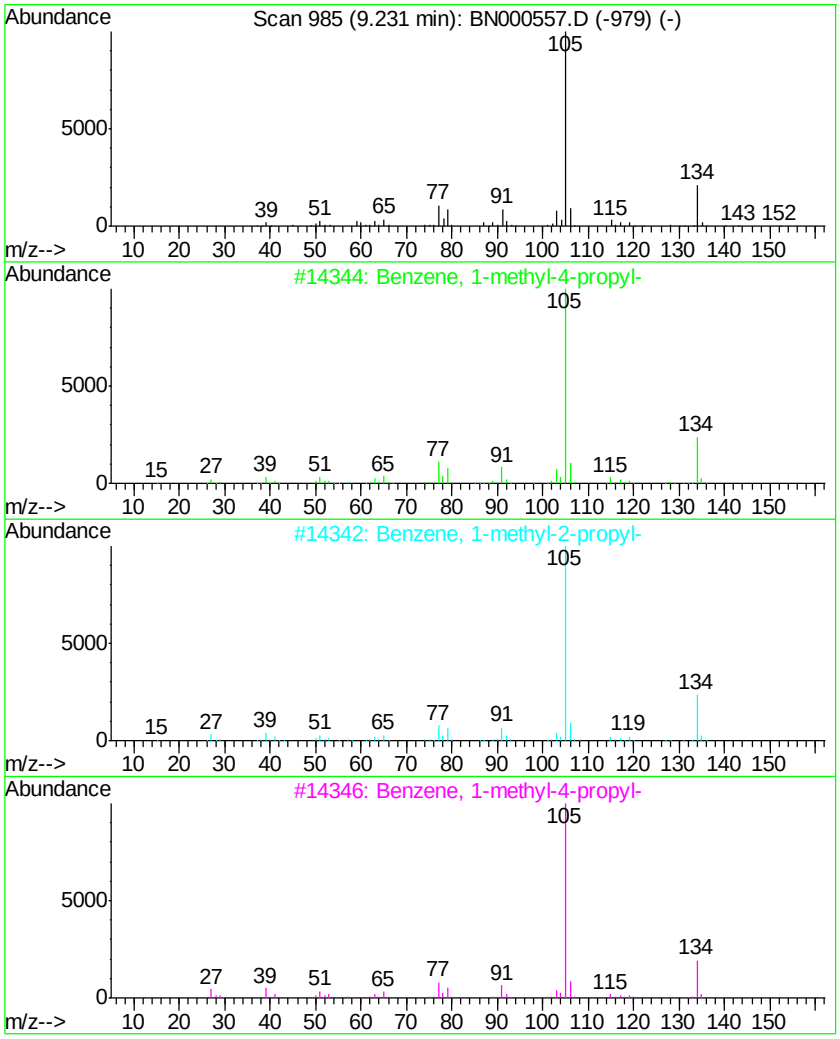
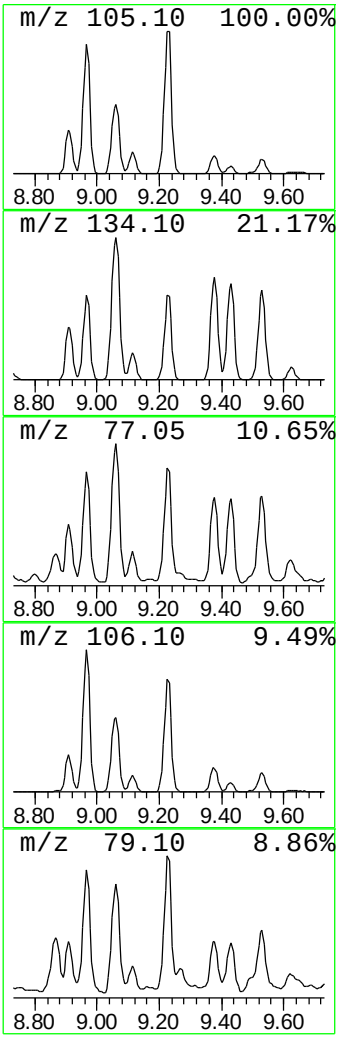
Peak Number 22 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	16.31 ng/ul	3373900	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	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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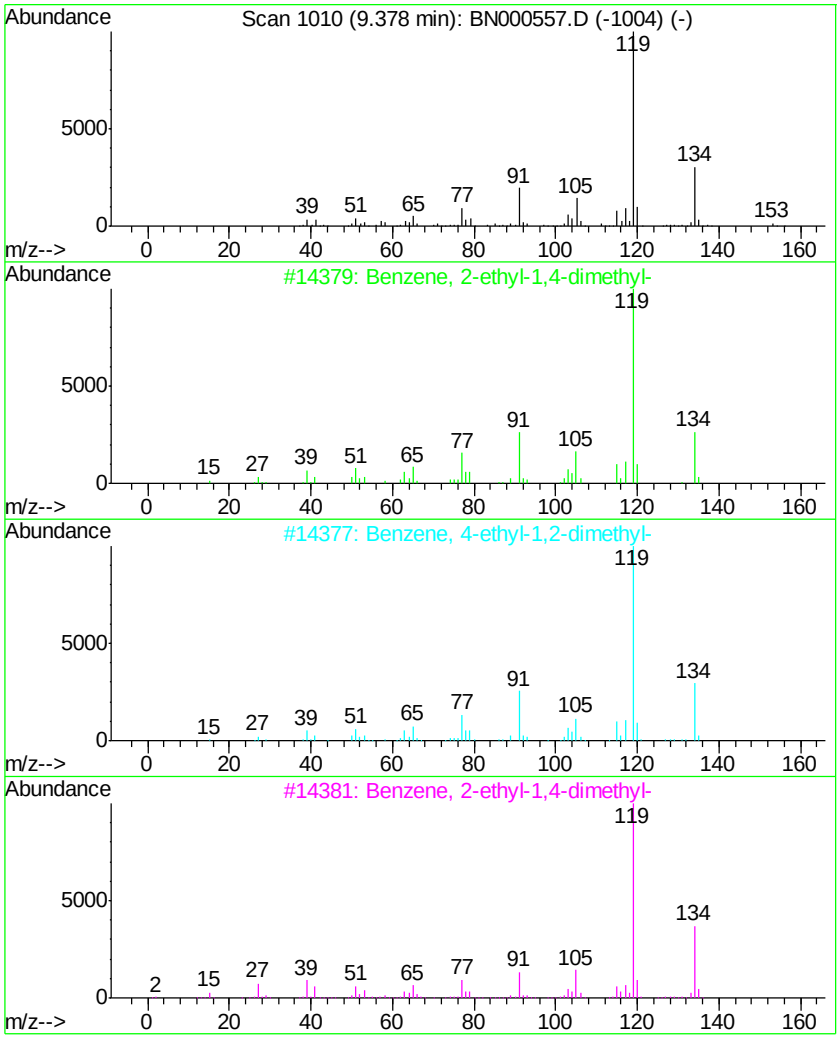
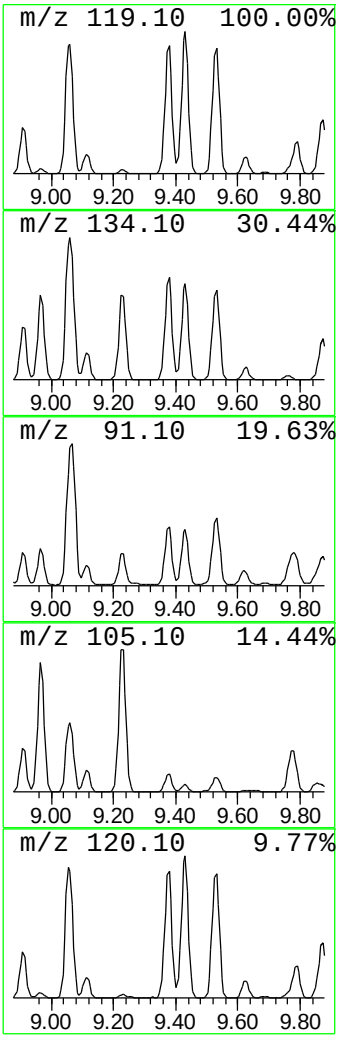
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	17.74 ng/ul	3671450	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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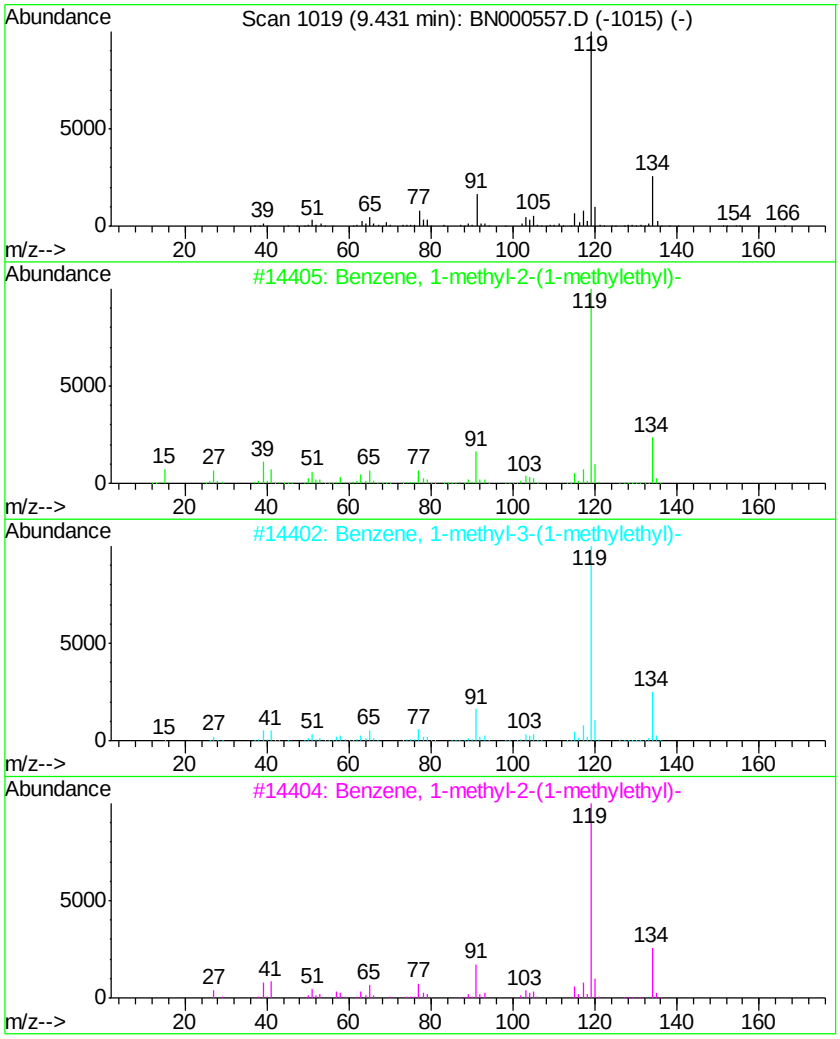
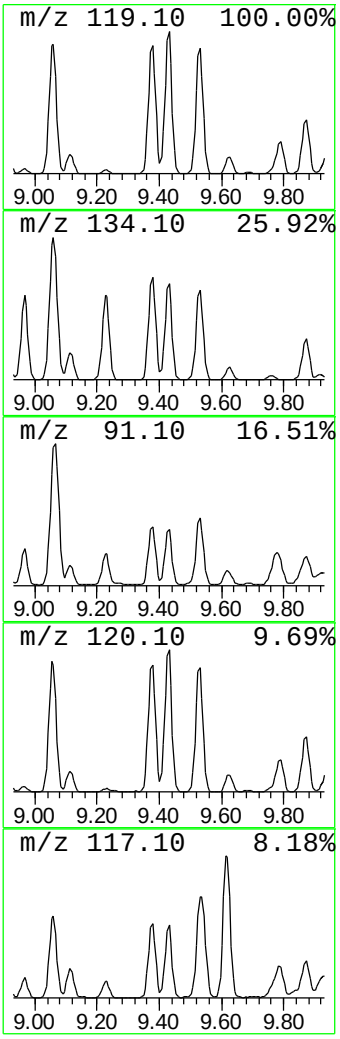
Peak Number 24 Benzene, 1-methyl-2-(1-meth... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	15.55 ng/ul	3217790	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-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97





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Sample : J1905-07DL 5X
Misc :
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Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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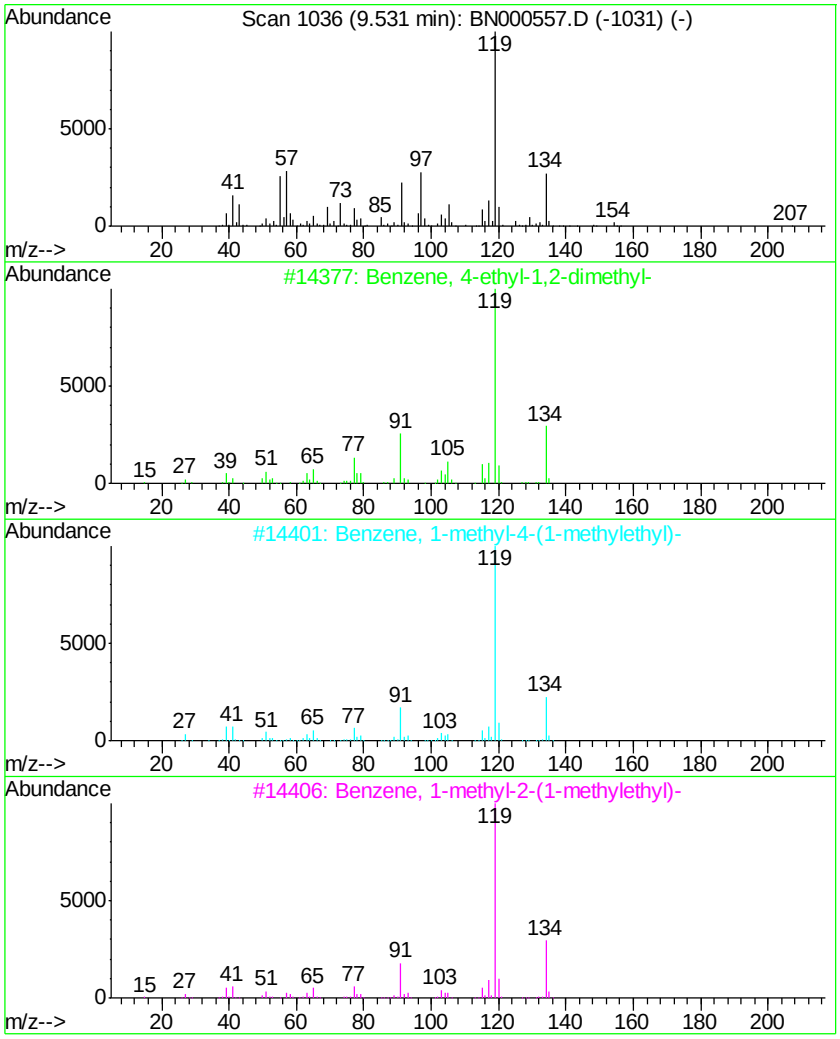
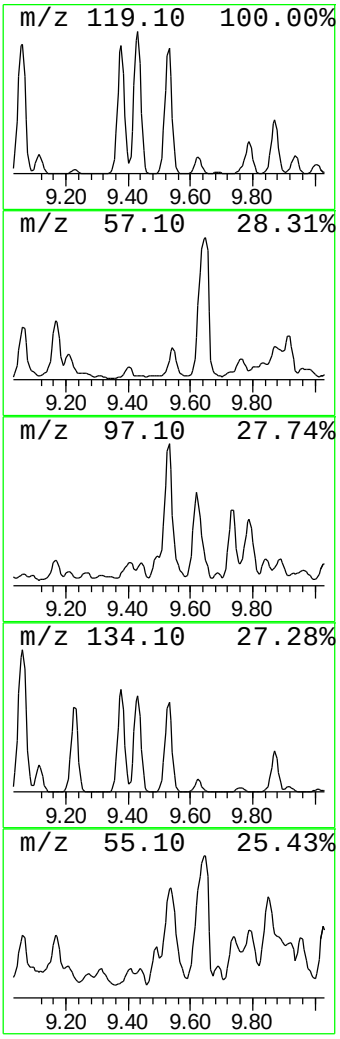
Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	31.46 ng/ul	6510200	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	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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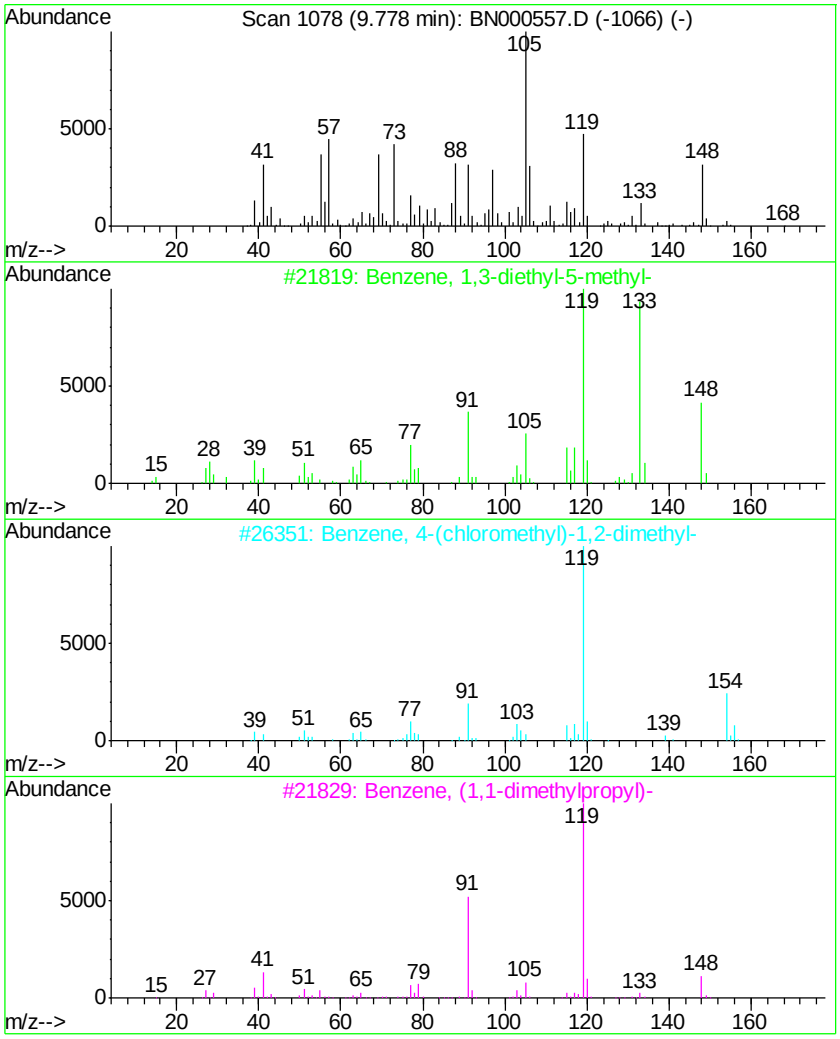
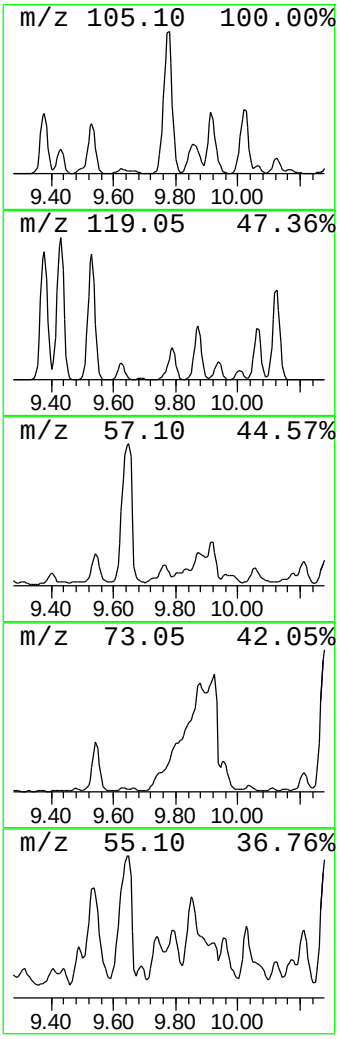
Peak Number 26 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	39.61 ng/ul	8196330	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
5	Benzene, 2-chloro-1,3,5-trimethyl-	154	C9H11Cl	001667-04-5	30





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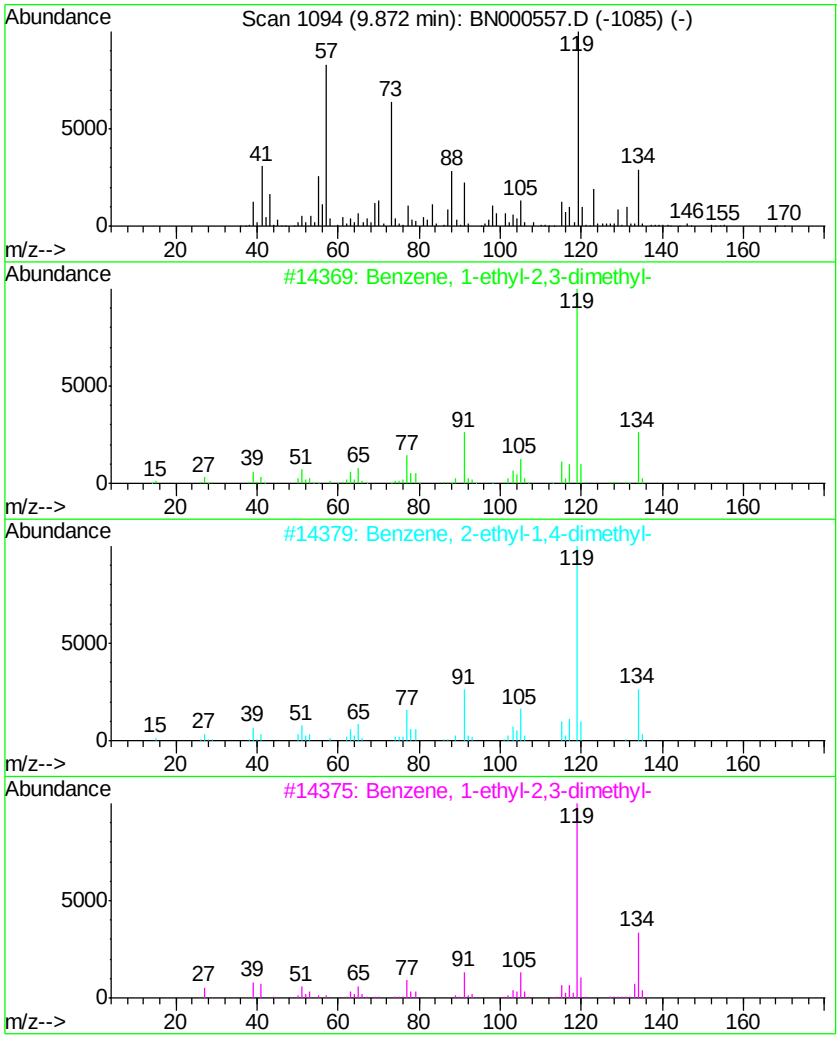
Quant Title : SVOA CALIBRATION

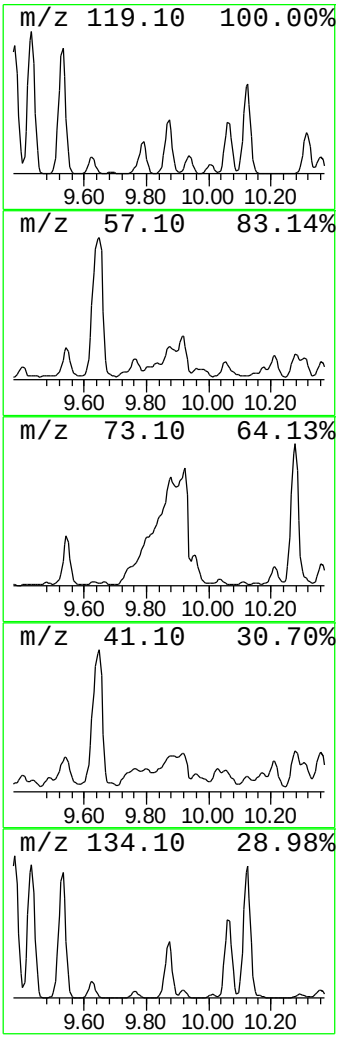
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	13.88 ng/ul	6584210	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50





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Quant Title : SVOA CALIBRATION

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

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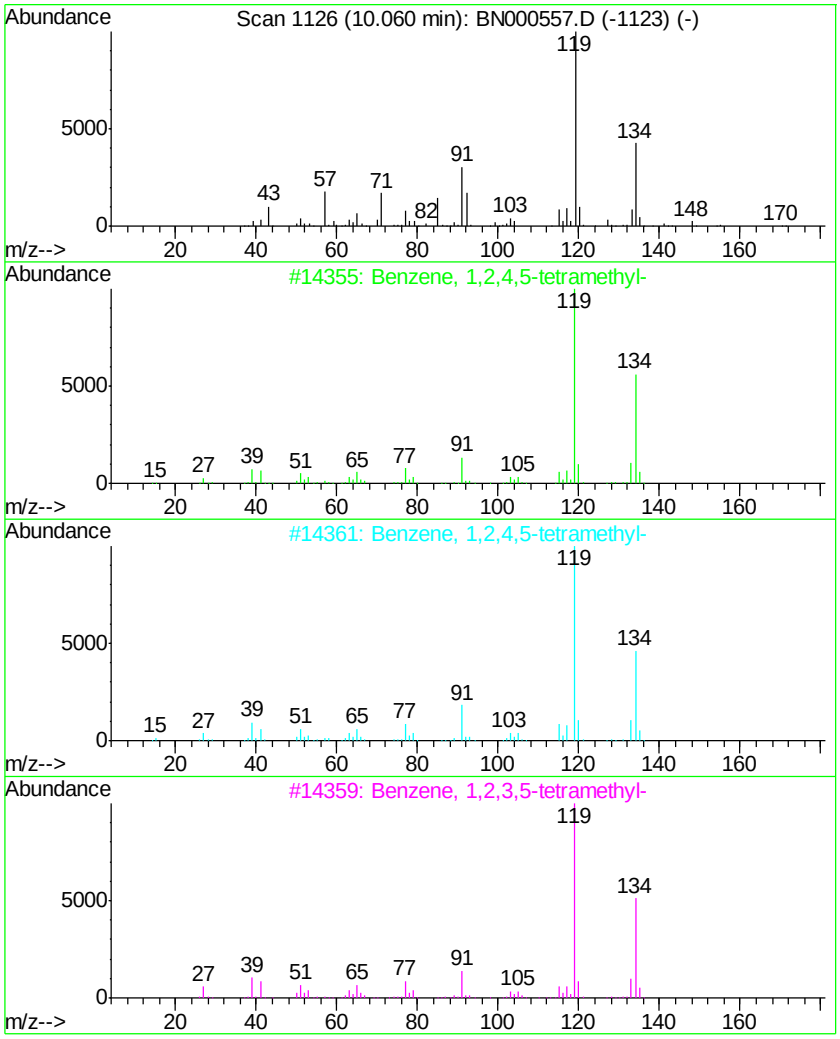
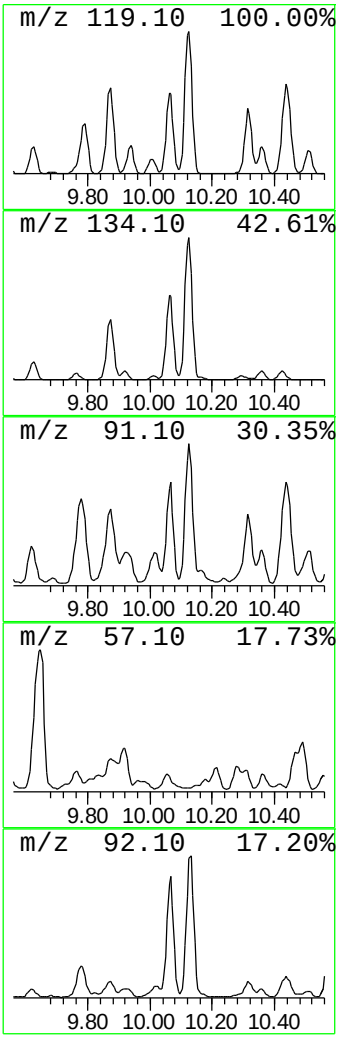
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	5.19 ng/ul	2464250	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	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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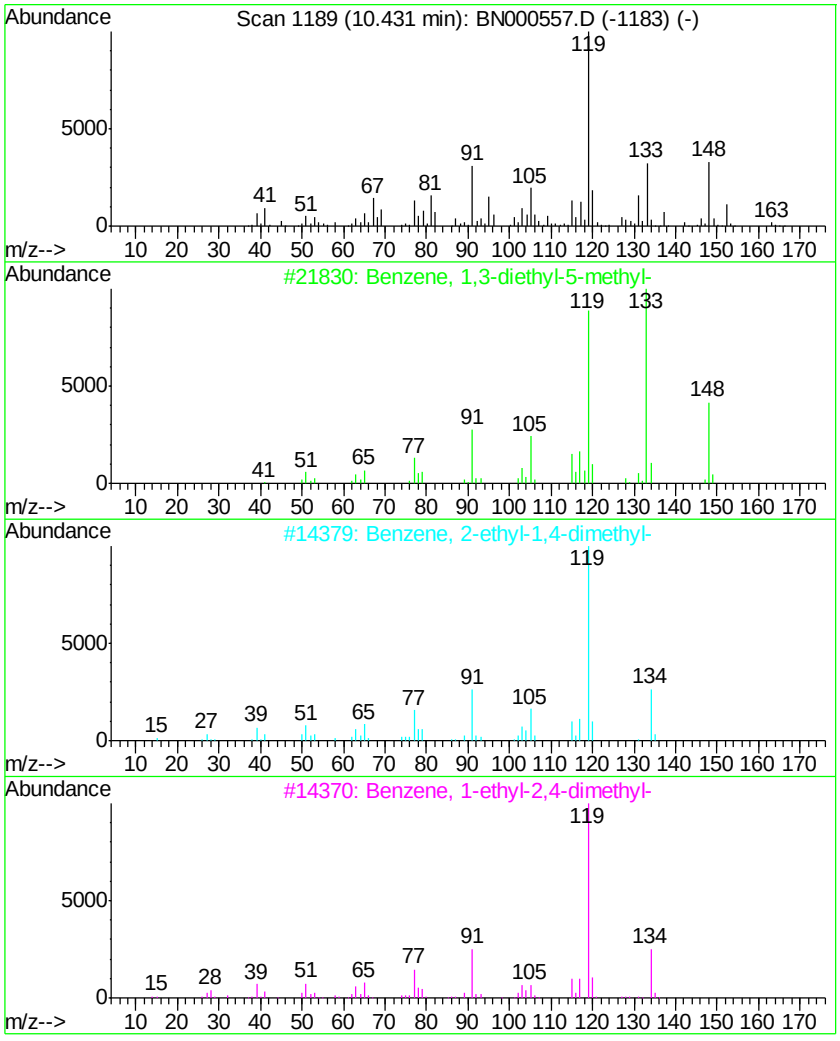
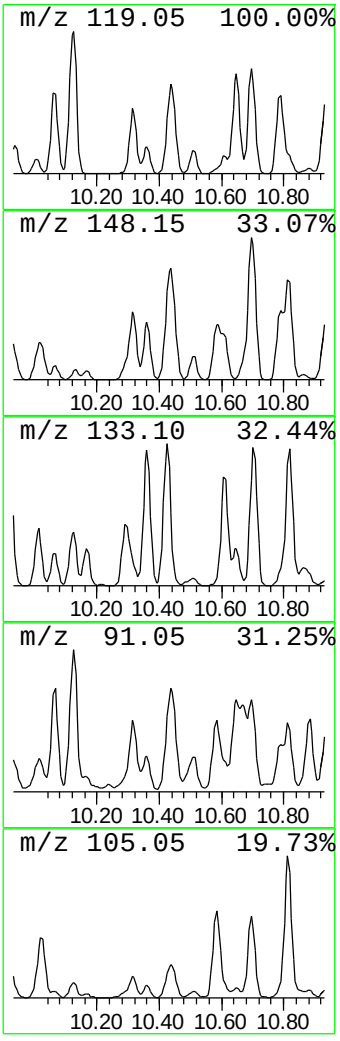
Peak Number 29 unknown-02 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	4.89 ng/ul	2319650	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	42
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	42
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

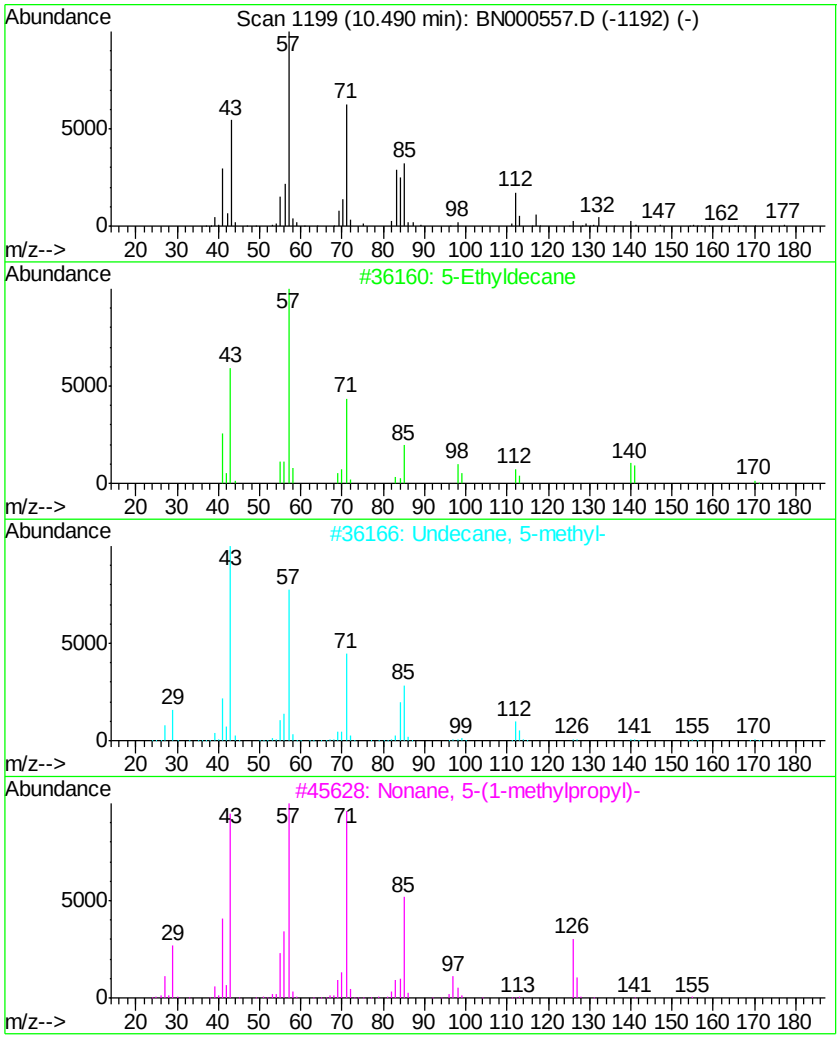
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

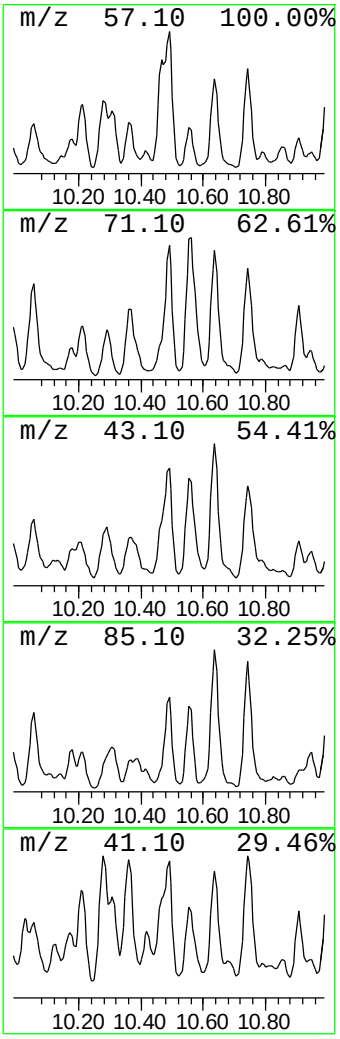
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	11.89 ng/ul	5642010	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	53
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	47
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	47
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	47





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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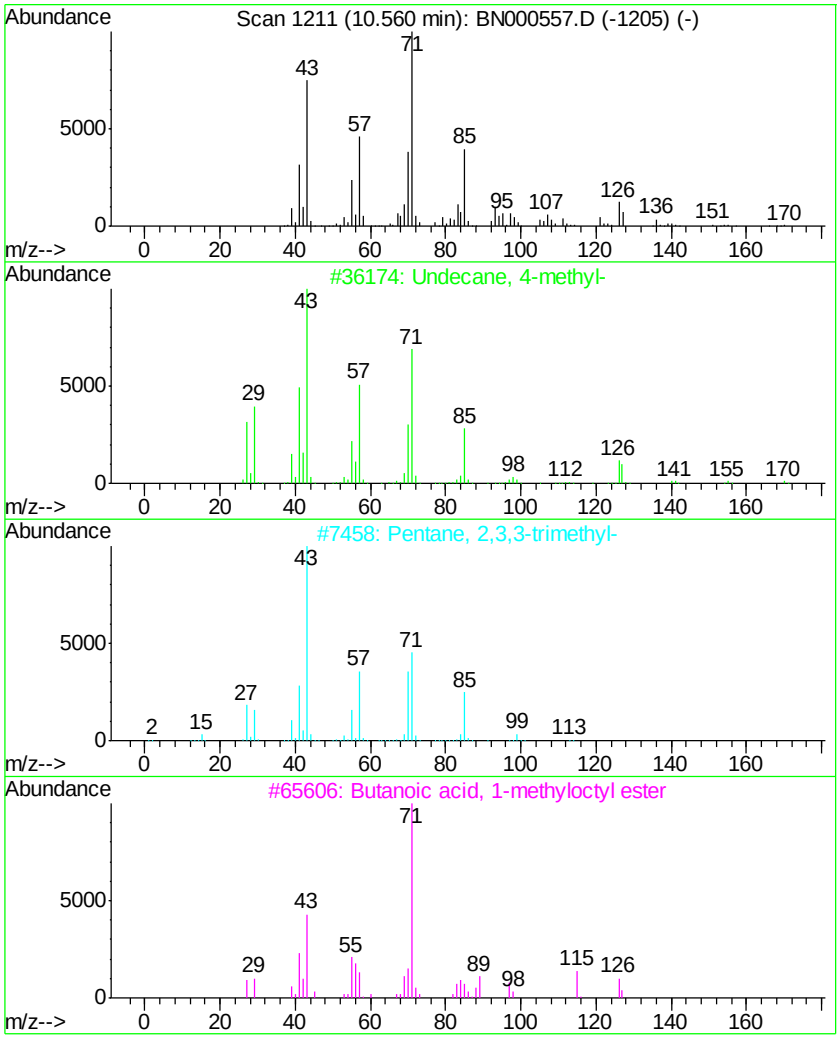
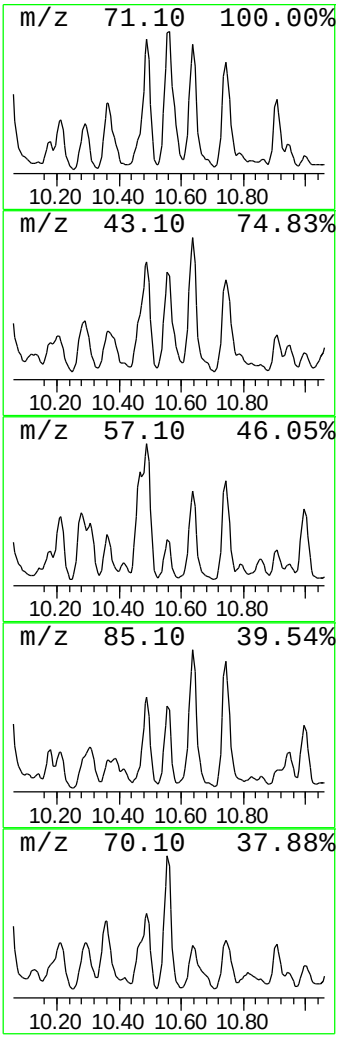
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	8.83 ng/ul	4192050	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50
3	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	47
4	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	43
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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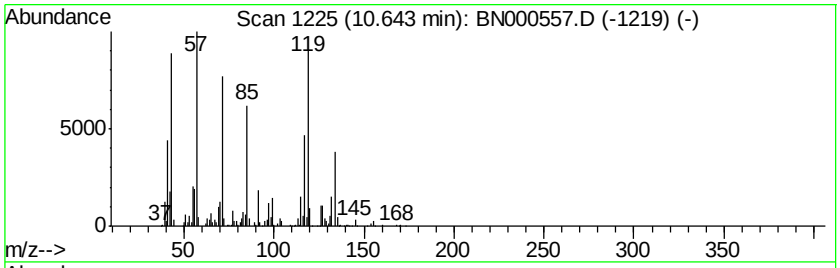
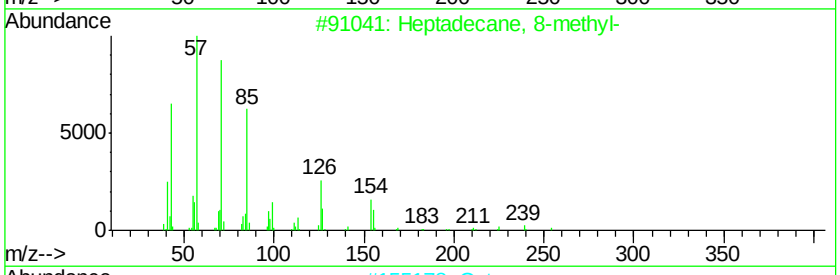
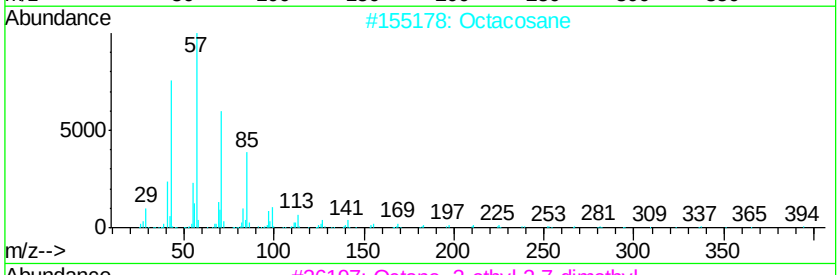
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 65

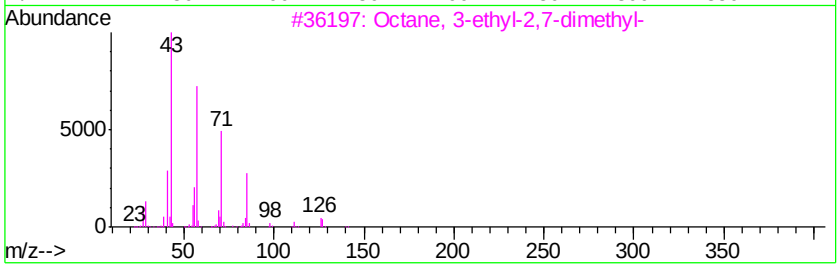
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	9.76 ng/ul	4630700	Naphthalene-d8	11.26

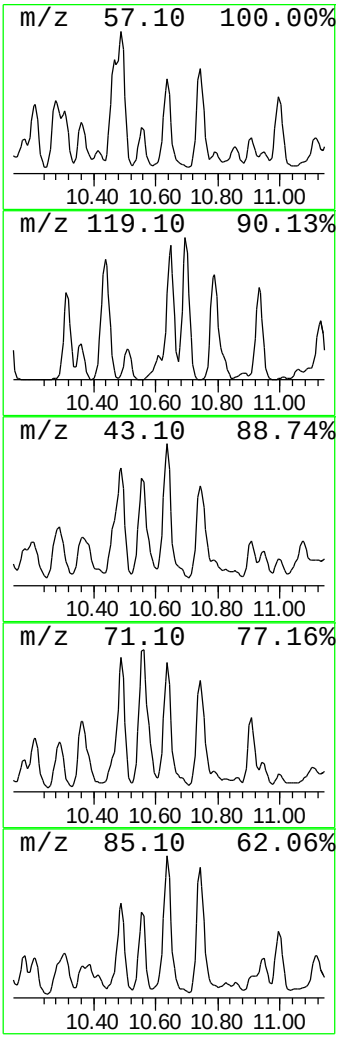
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	49
2	Octacosane	394	C28H58	000630-02-4	47
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	43
5	Hexadecane	226	C16H34	000544-76-3	38











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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

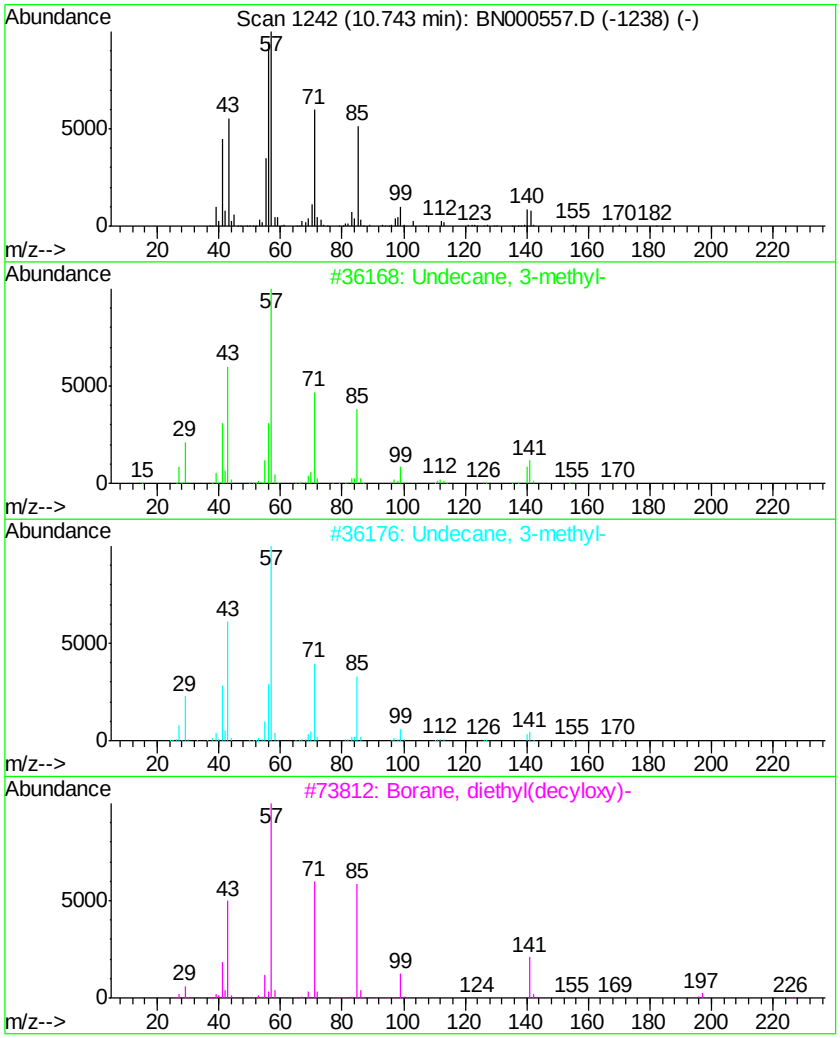
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

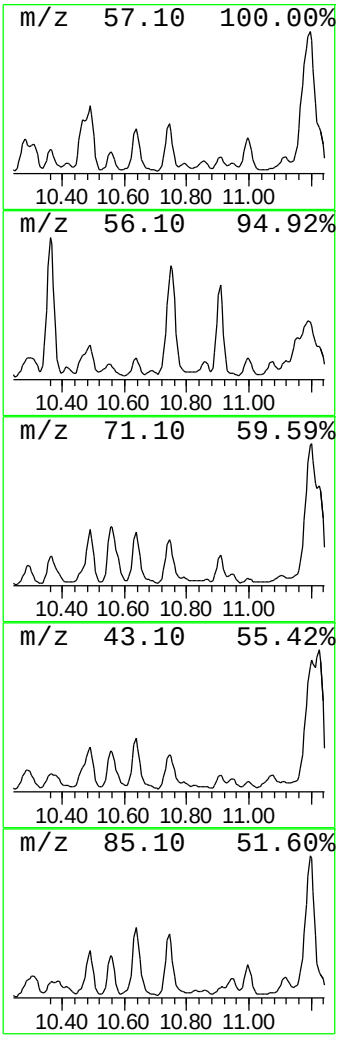
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	7.66 ng/ul	3635680	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	43
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38





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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

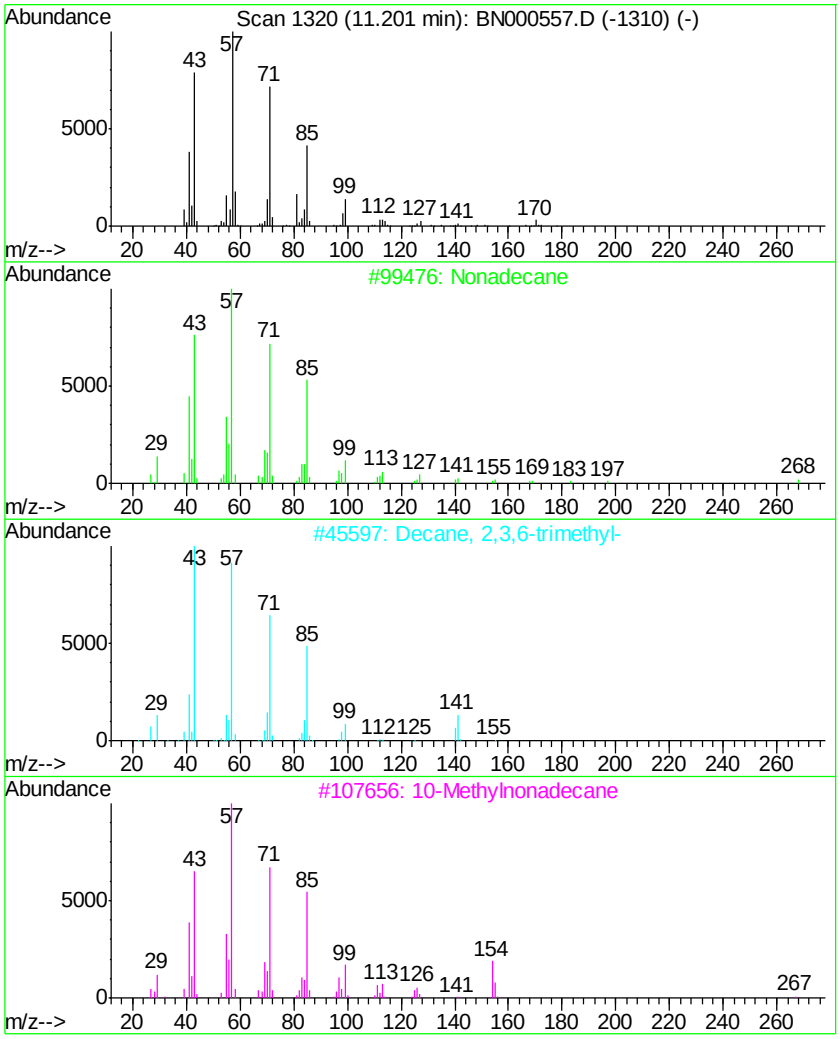
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

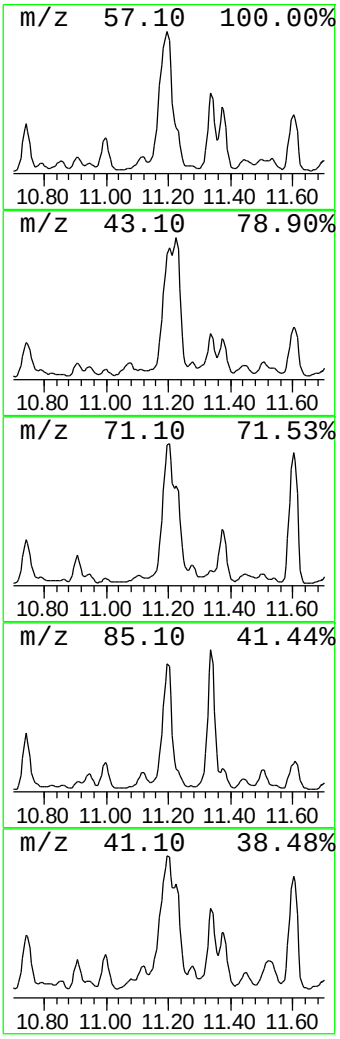
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	20.00 ng/ul	9489990	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
3	10-Methylnonadecane	282	C20H42	056862-62-5	78
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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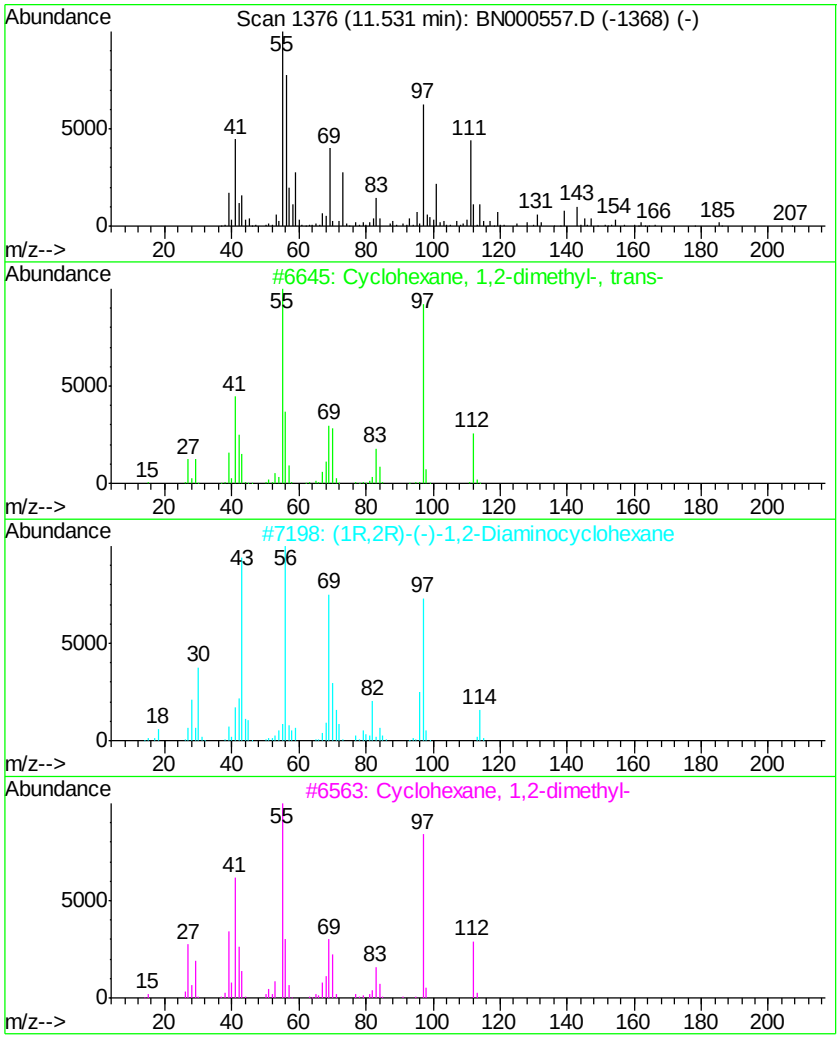
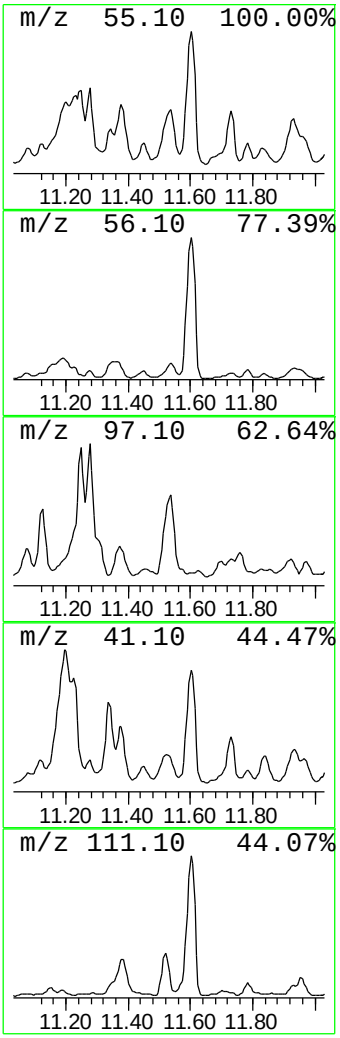
Peak Number 35 (DEL) Alkane: Cyclic11.53 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.92 ng/ul	3284310	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	35
2	(1R,2R)-(-)-1,2-Diaminocyclohexane	114	C6H14N2	020439-47-8	25
3	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	20
4	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	18
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	18





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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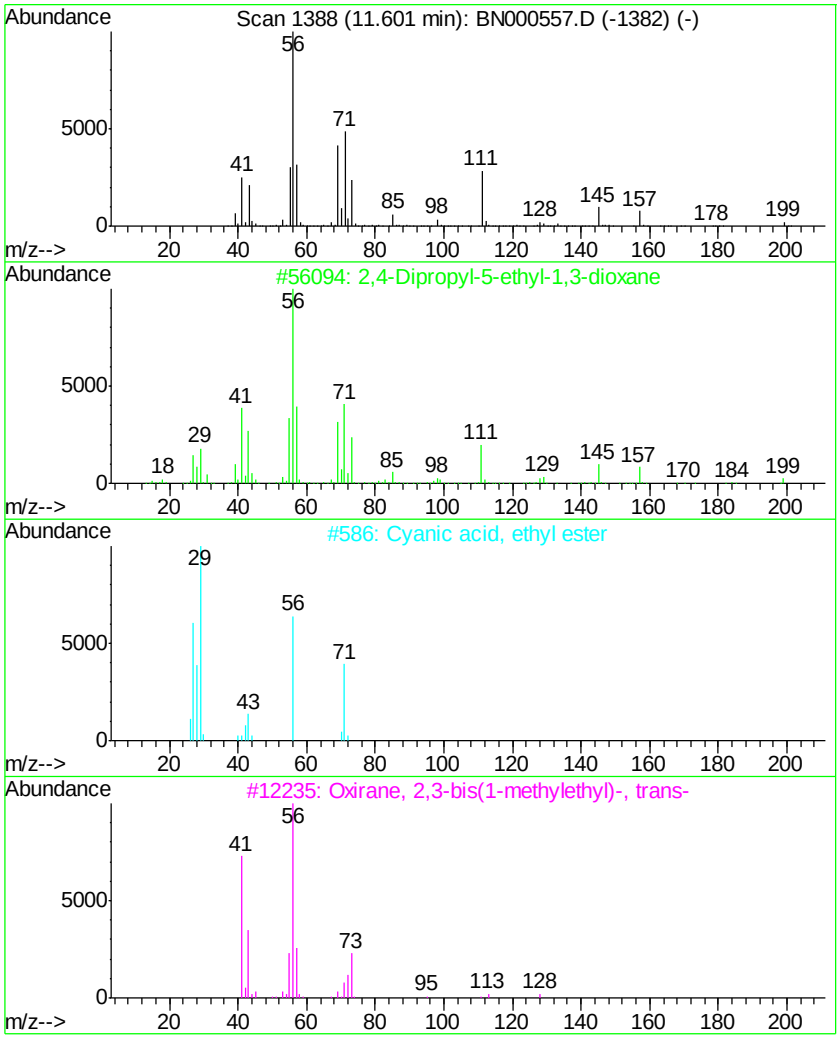
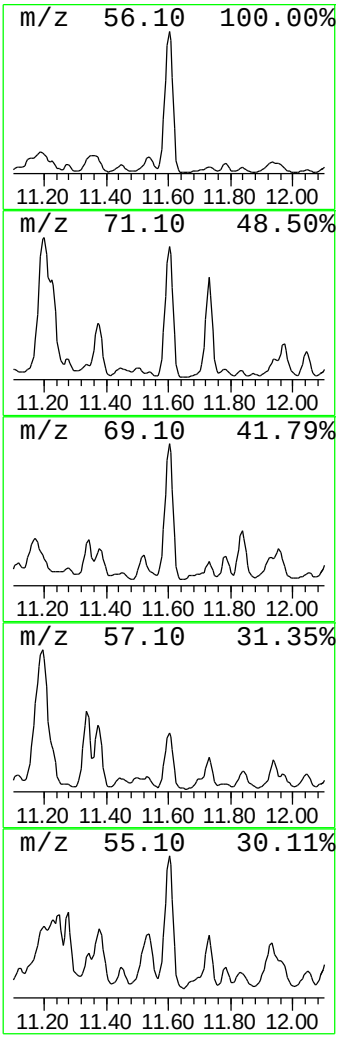
Peak Number 36 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	23.56 ng/ul	11180300	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	64
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	52
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
4	Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	38
5	1-Decene, 2-methyl-	154	C11H22	013151-27-4	17





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Sample : J1905-07DL 5X
Misc :
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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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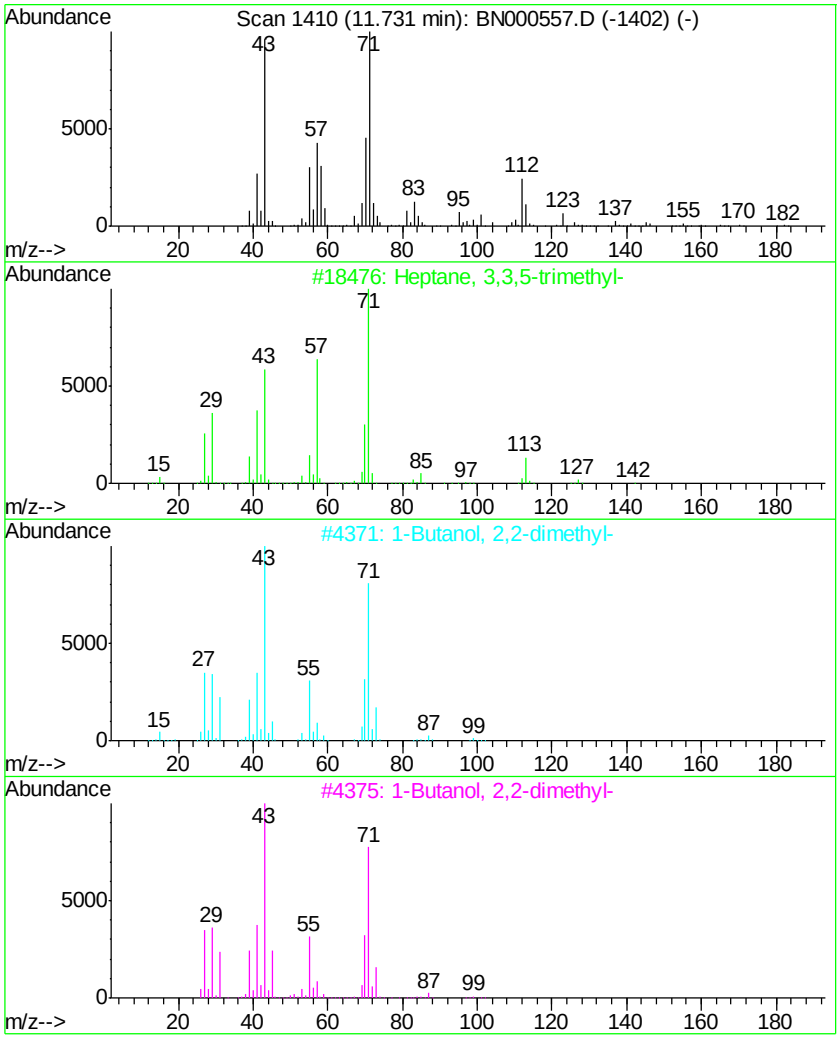
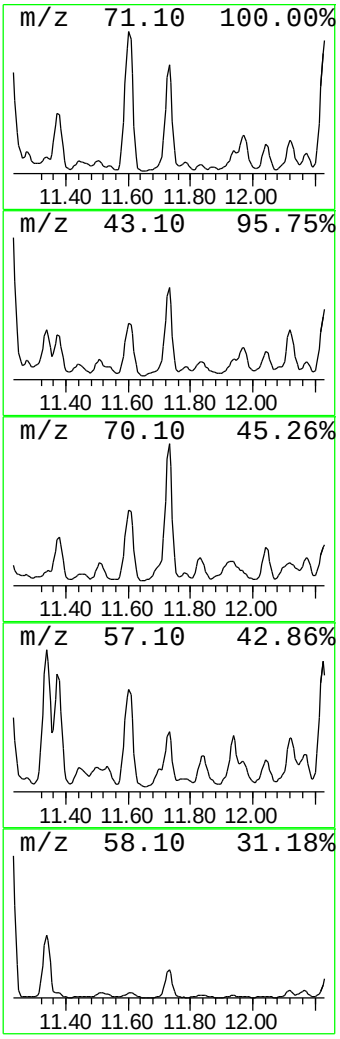
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	10.32 ng/ul	4898120	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
2	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	50
3	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	50
4	2,4-Pentanedione, 3-butyl-	156	C9H16O2	001540-36-9	50
5	1-Methylcycloheptanol	128	C8H16O	003761-94-2	50





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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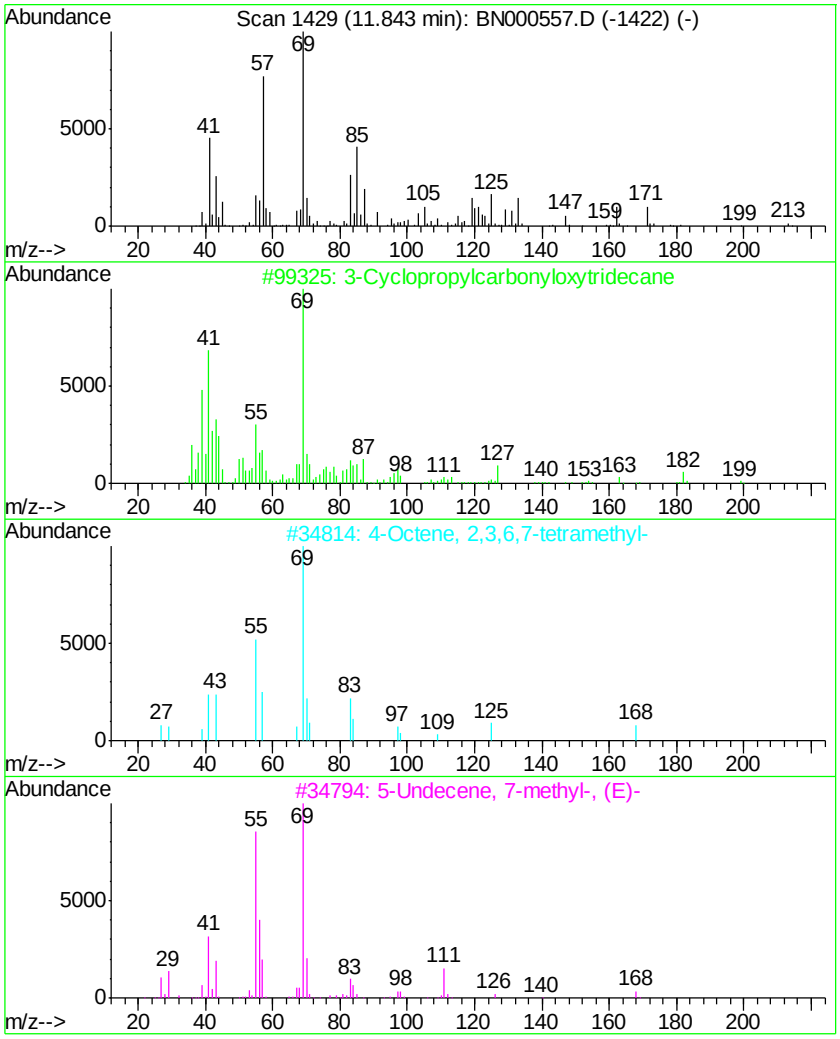
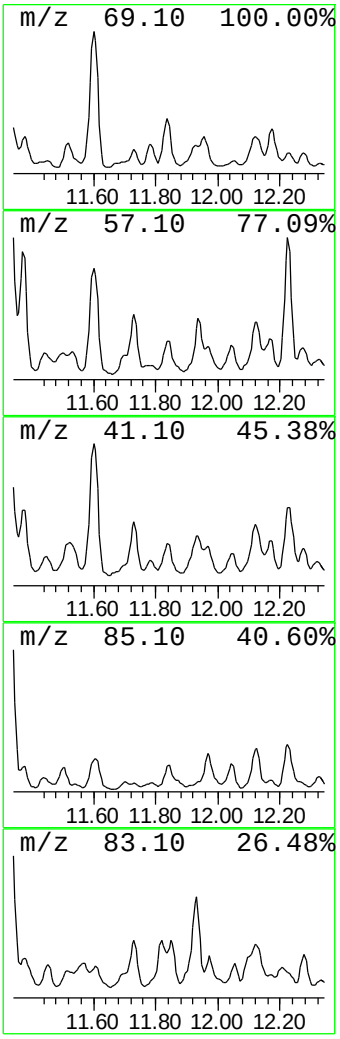
Peak Number 38 unknown-03 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.95 ng/ul	2822510	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopropylcarbonyloxytridecane	268	C17H32O2	1000245-58-4	38
2	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	38
3	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	38
4	3-Cyclopropylcarbonyloxydodecane	254	C16H30O2	1000245-58-1	37
5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	37





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Quant Title : SVOA CALIBRATION

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

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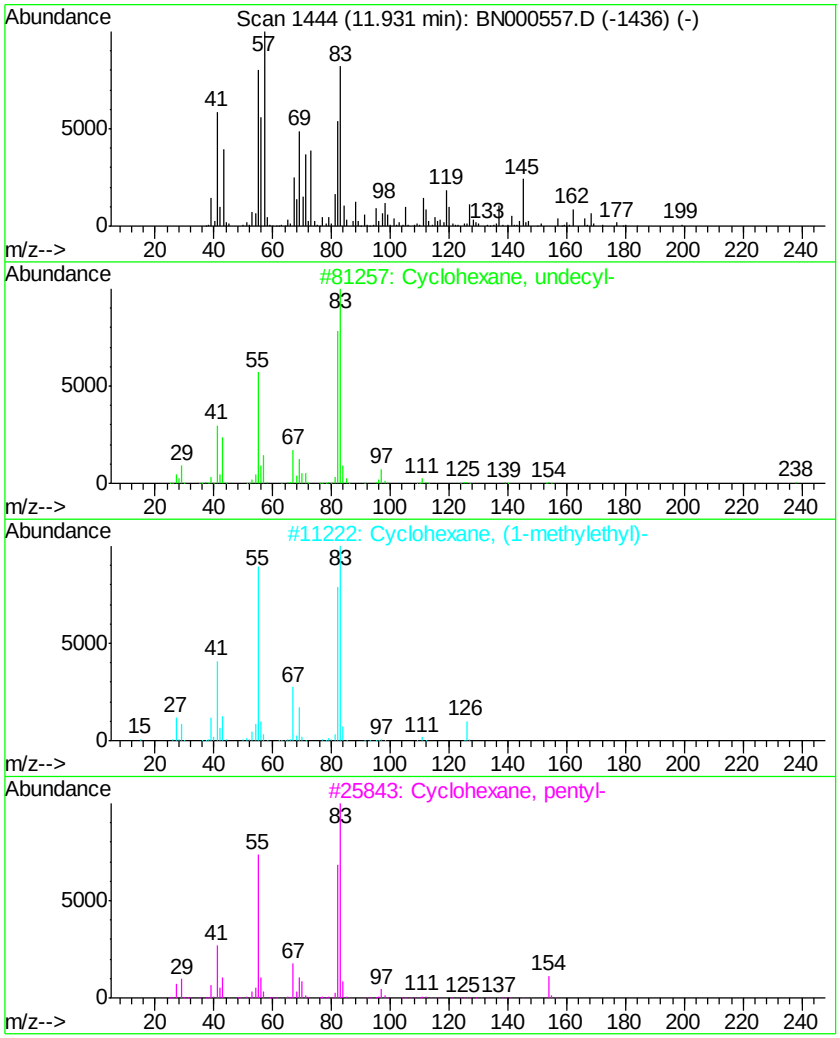
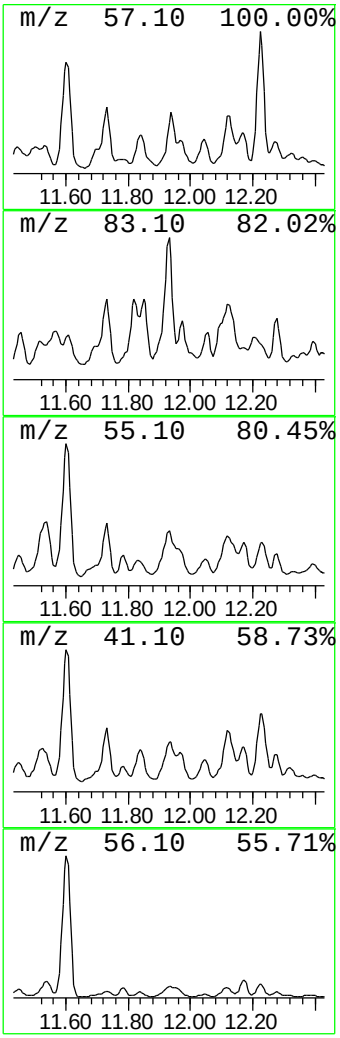
Peak Number 39 (DEL) Alkane: Cyclic11.93 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	8.92 ng/ul	4233590	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	43
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
5	2-Octenal, (E)-	126	C8H14O	002548-87-0	43





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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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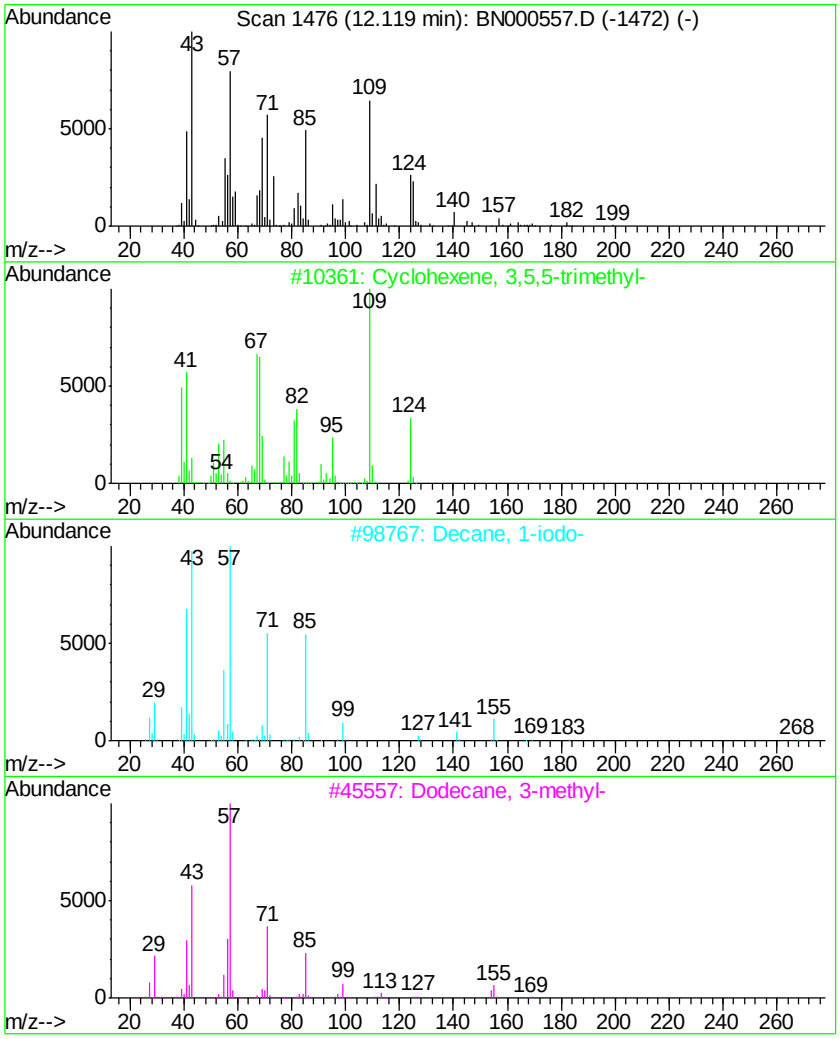
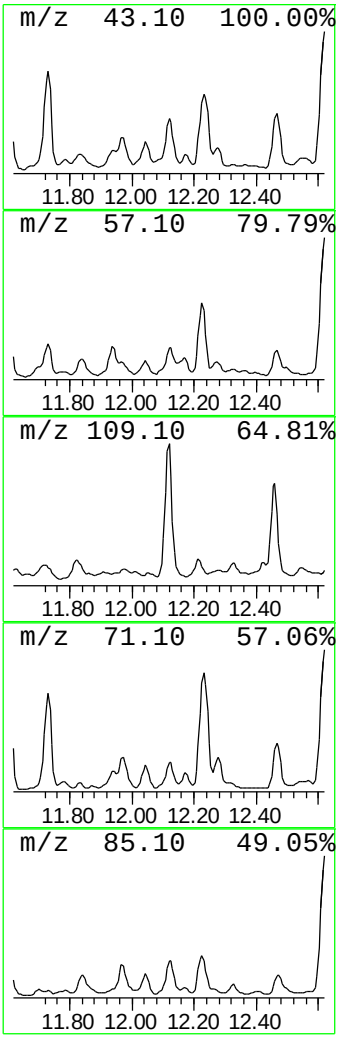
Peak Number 40 unknown-04 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.36 ng/ul	4439590	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	35
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	30
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	27
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	27
5	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	27





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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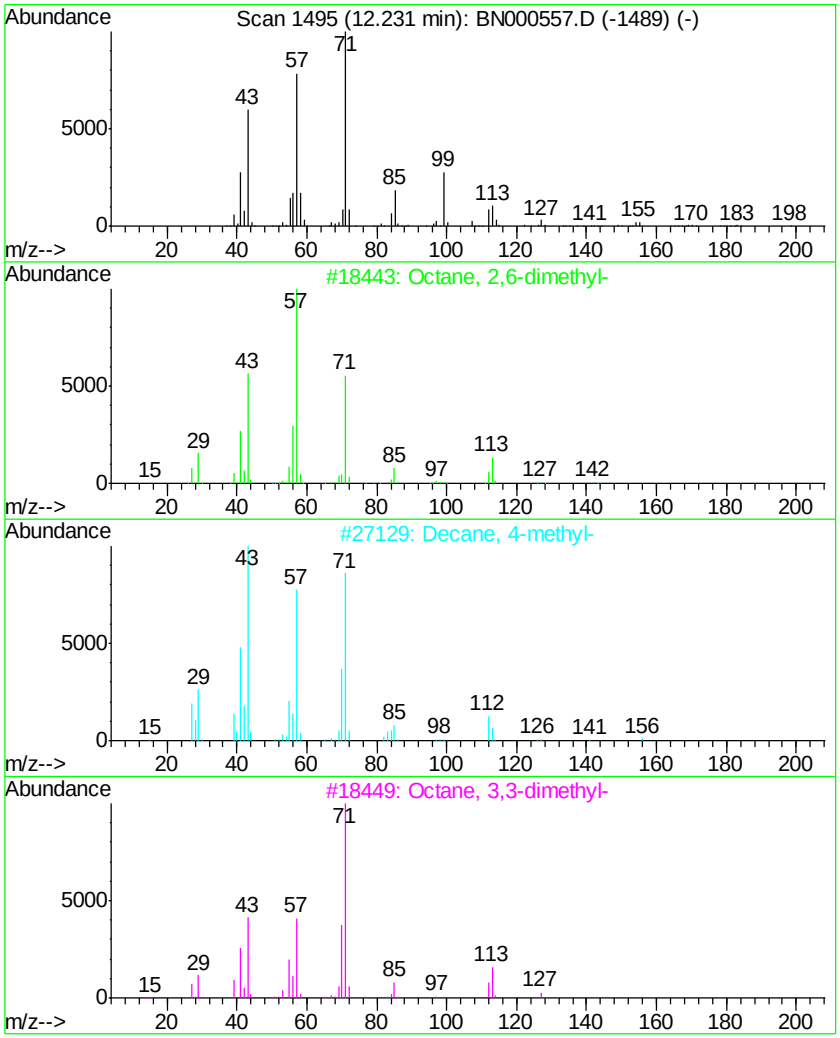
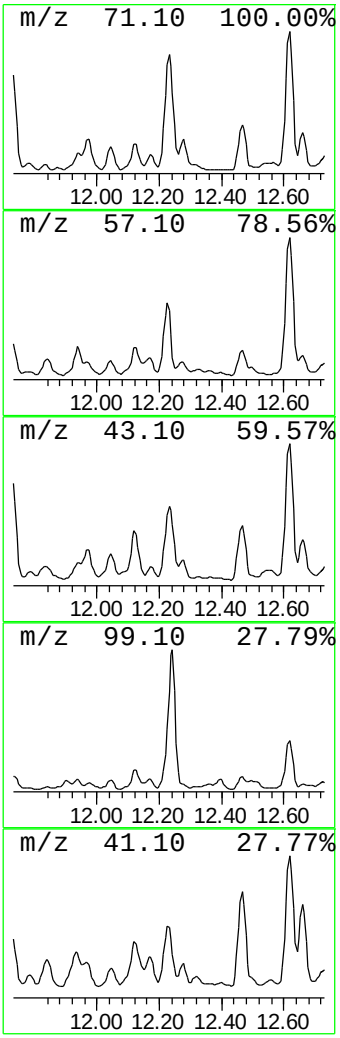
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	11.92 ng/ul	5658350	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Decane, 4-methyl-	156	C11H24	002847-72-5	59
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
4	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	53
5	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	52





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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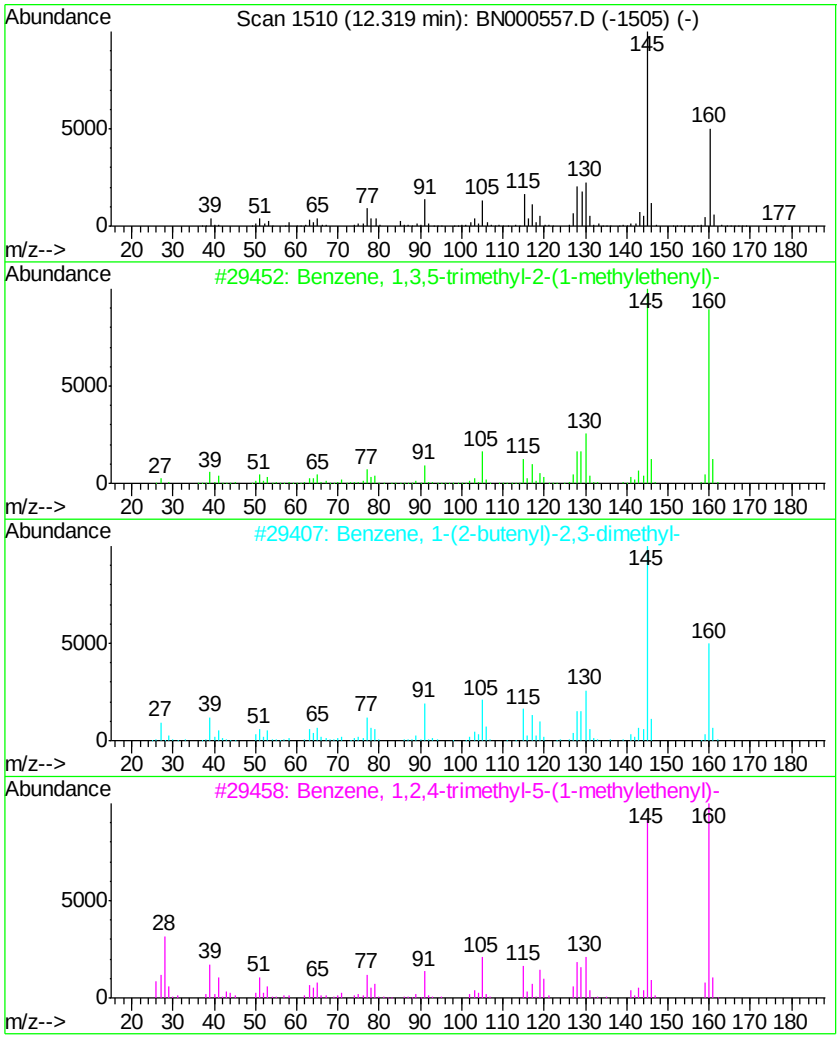
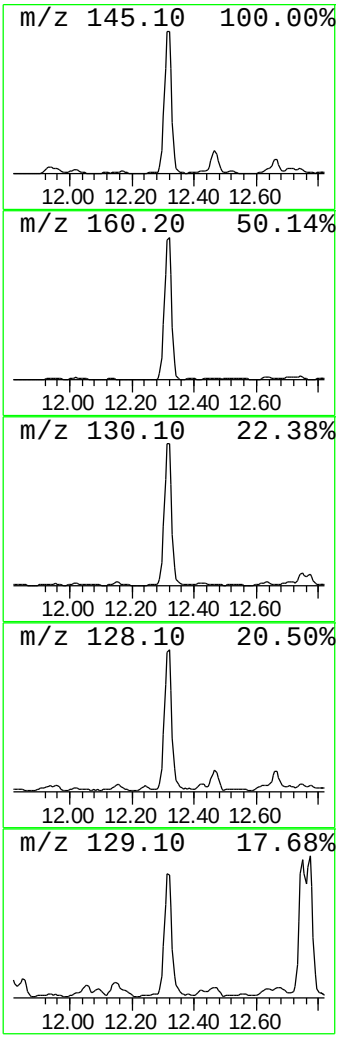
Peak Number 42 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	13.38 ng/ul	6347520	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	94
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	94
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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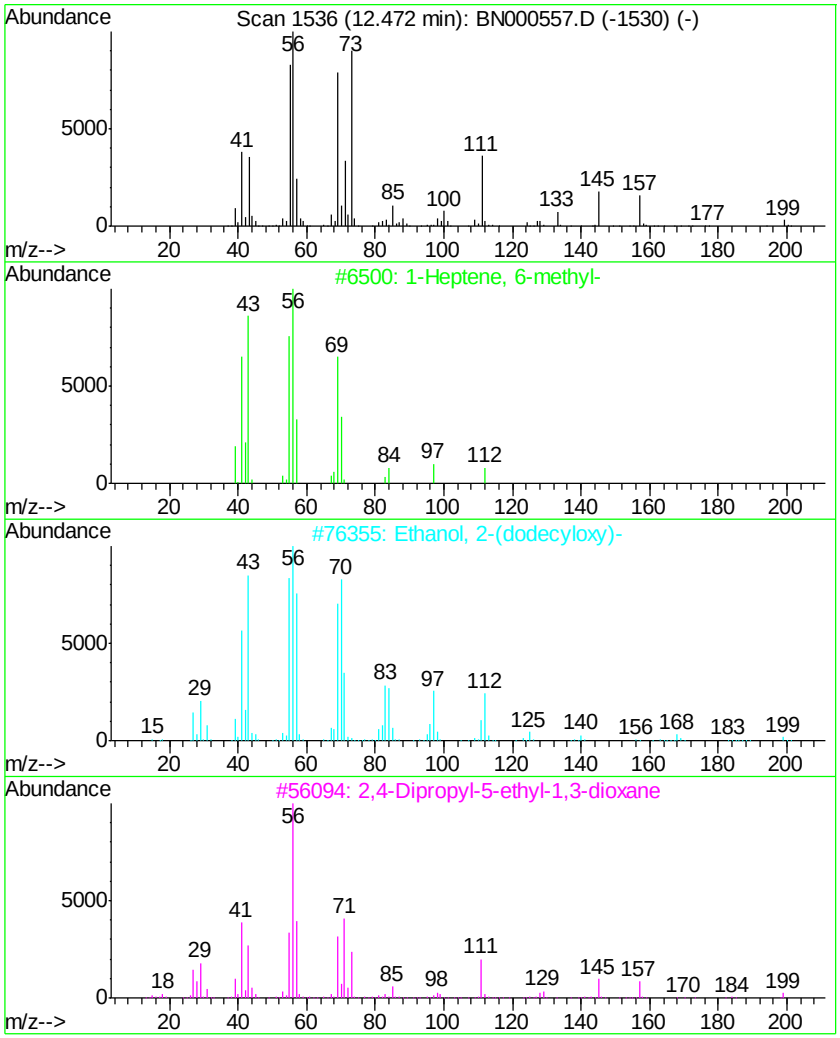
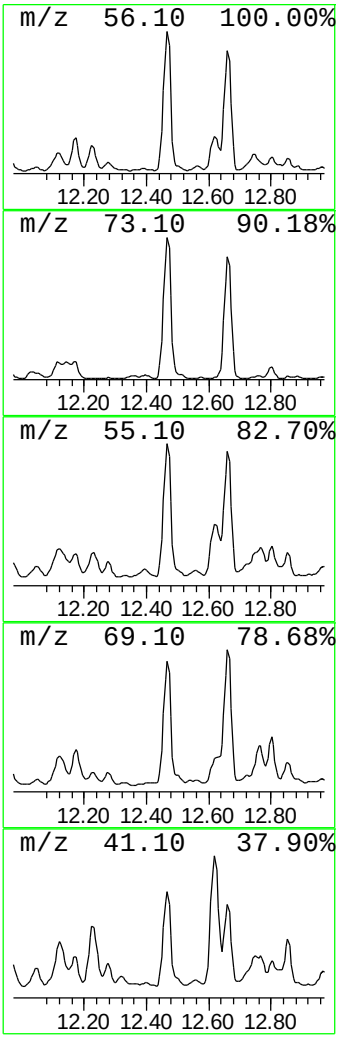
Peak Number 43 (DEL) Alkane: Cyclic12.47 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	18.22 ng/ul	8643420	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	50
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	45
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	35
5	Decane, 4-methylene-	154	C11H22	024949-41-5	27





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
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Instrument : BNA_N
ClientSampleId : DAM42DL

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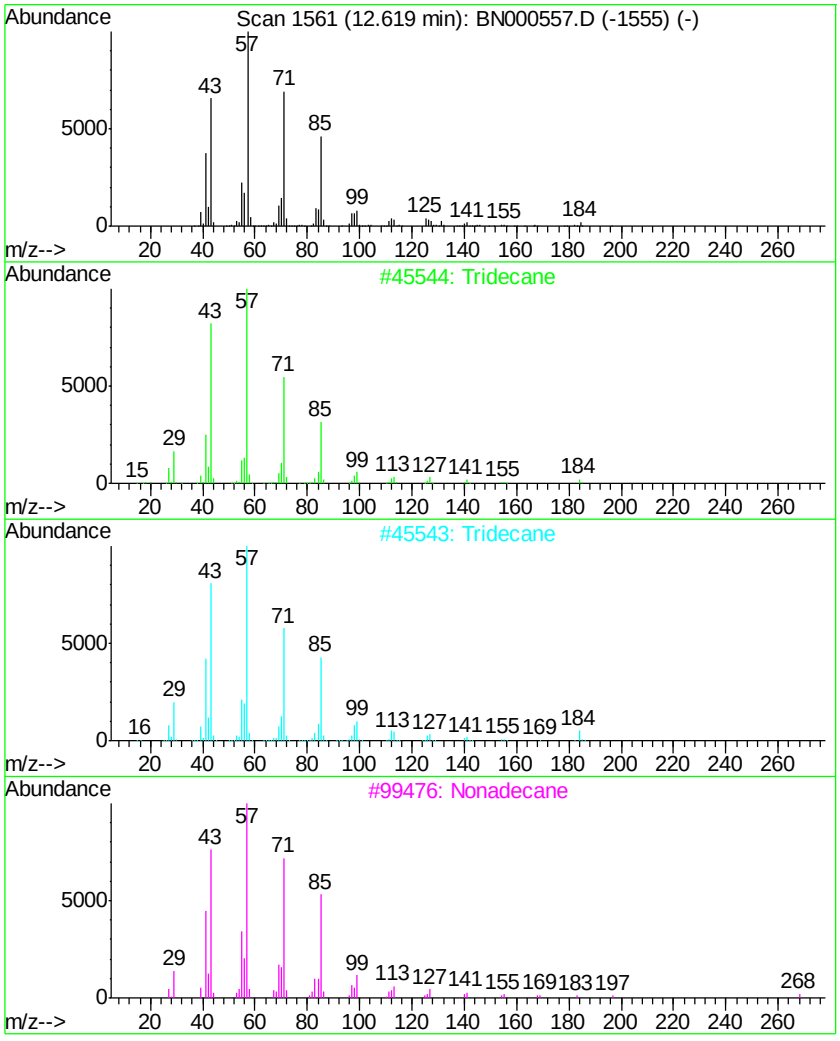
Quant Title : SVOA CALIBRATION

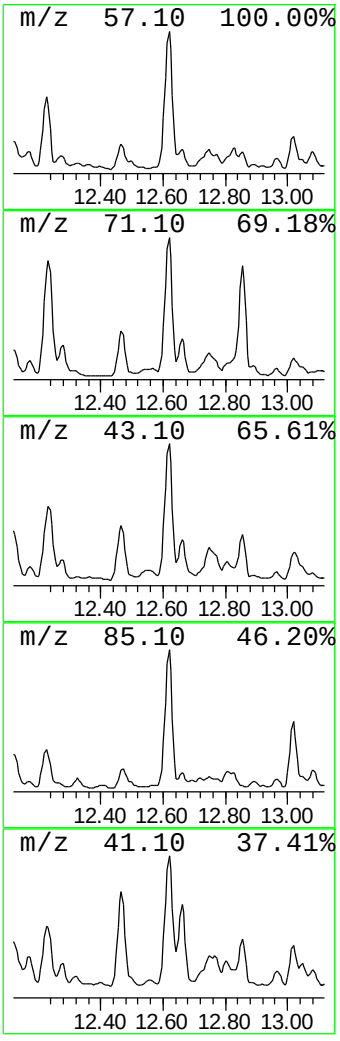
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	19.91 ng/ul	9447920	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tridecane	184	C13H28	000629-50-5	76
5	Dodecane	170	C12H26	000112-40-3	64





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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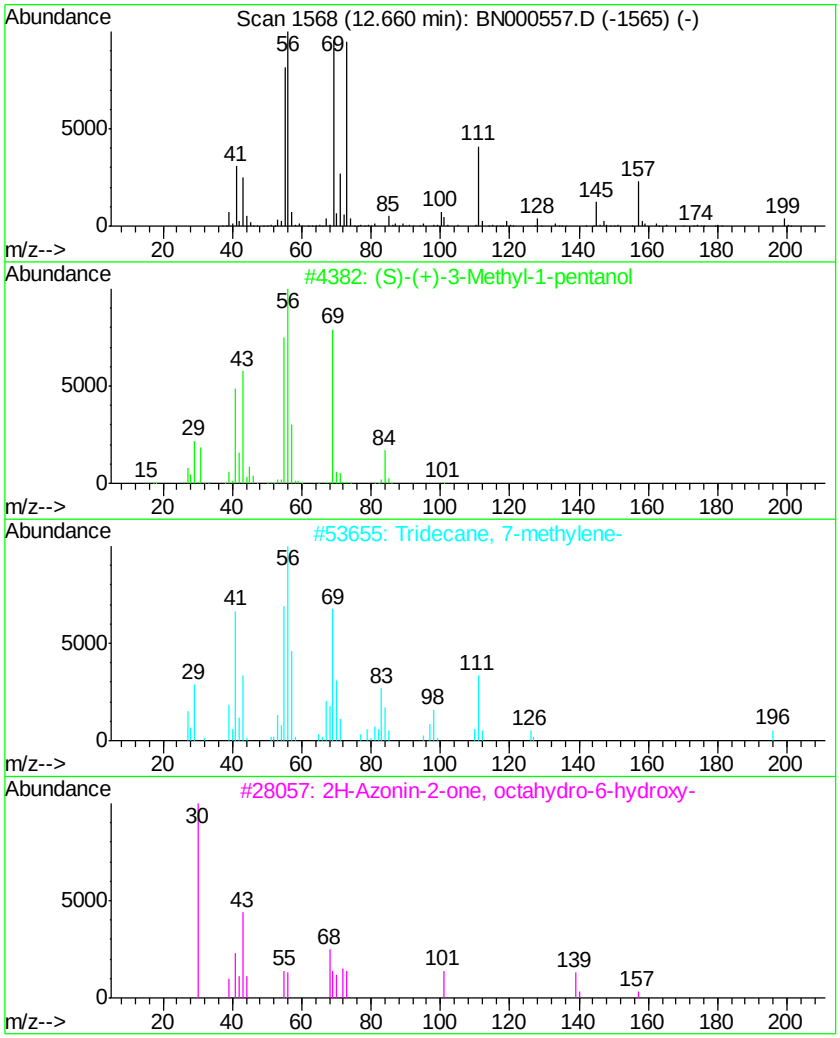
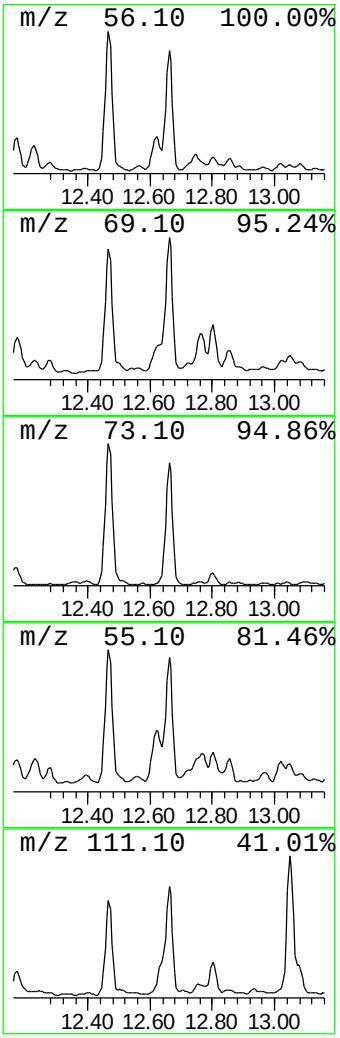
Peak Number 45 unknown-05 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	12.28 ng/ul	5828790	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	38
2	Tridecane, 7-methylene-	196	C14H28	019780-80-4	38
3	2H-Azonin-2-one, octahydro-6-hyd...	157	C8H15NO2	023435-07-6	36
4	4-Undecene, 10-methyl-, (E)-	168	C12H24	074630-60-7	28
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	23





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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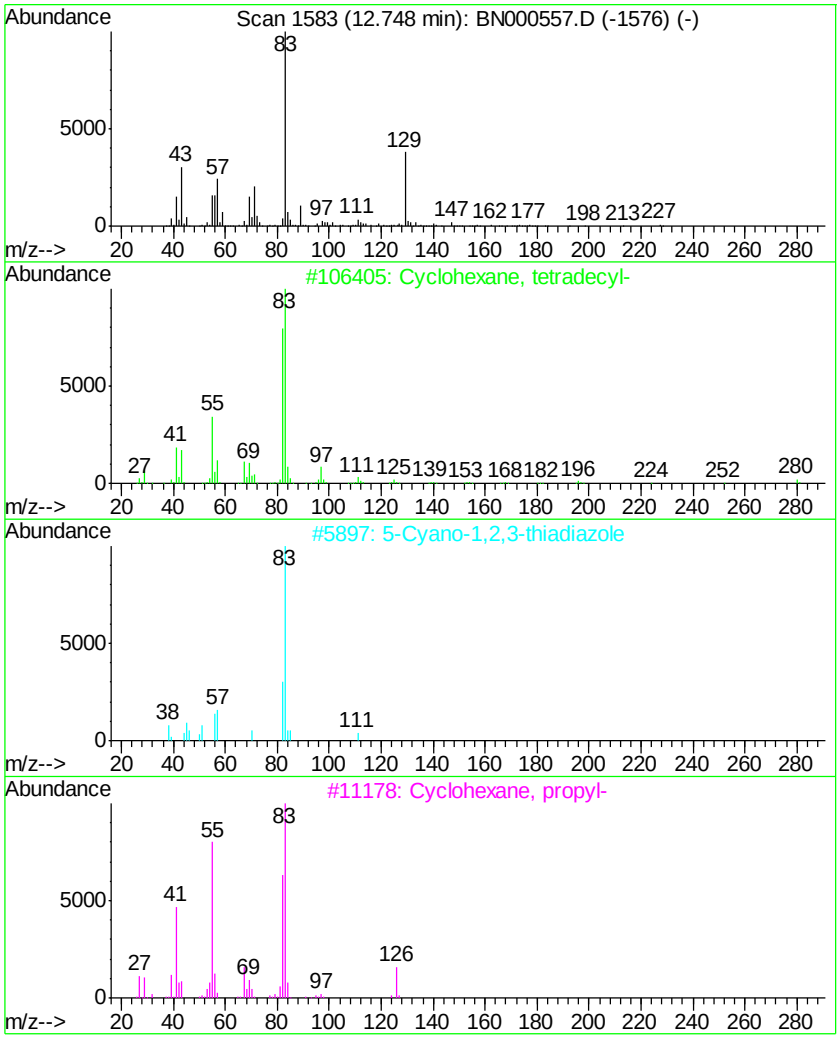
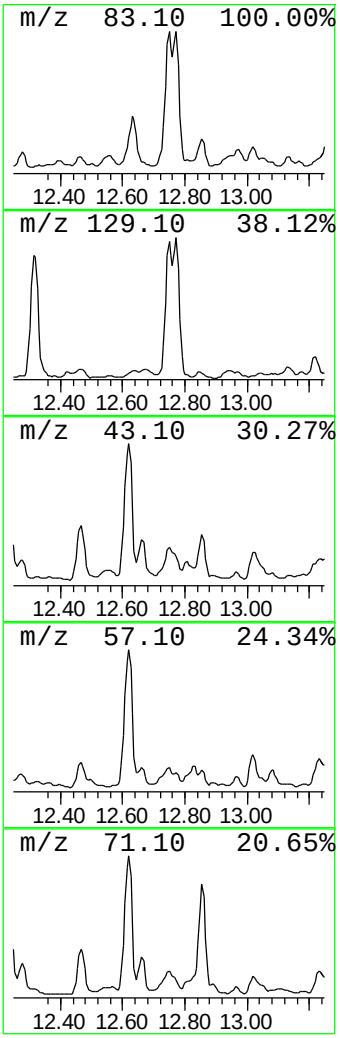
Peak Number 46 (DEL) Alkane: Cyclic12.75 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	6.66 ng/ul	3161350	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	43
2	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	38
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	3-Methyl-2-butenoic acid, 4-hexa...	324	C21H40O2	1000282-89-8	37
5	3-Methyl-2-butenoic acid, 4-trid...	282	C18H34O2	1000279-25-4	37





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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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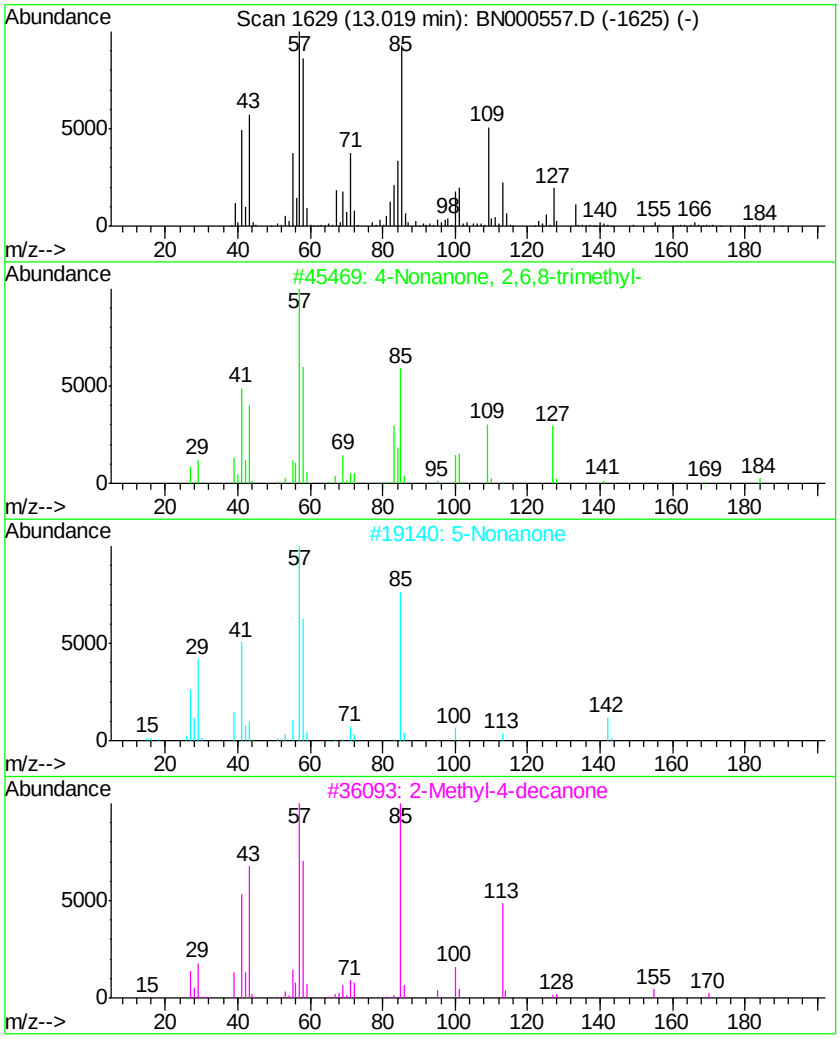
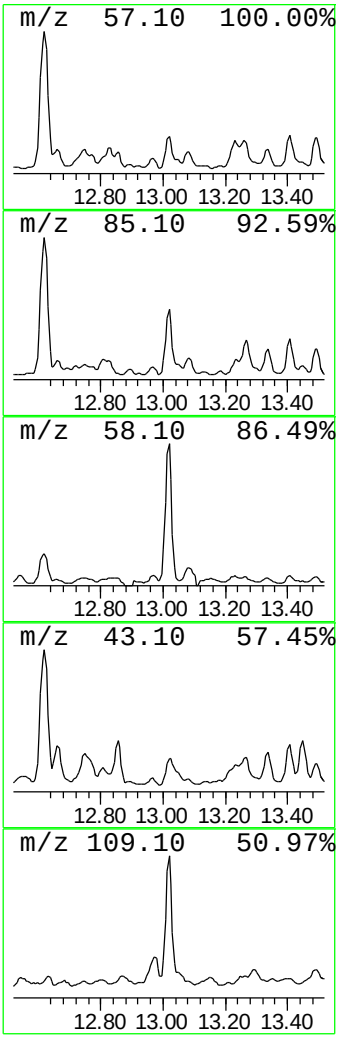
Peak Number 47 unknown-06 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.54 ng/ul	3102640	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	47
2	5-Nonanone	142	C9H18O	000502-56-7	43
3	2-Methyl-4-decanone	170	C11H22O	006628-25-7	38
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	30
5	2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	22





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Sample : J1905-07DL 5X
Misc :
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Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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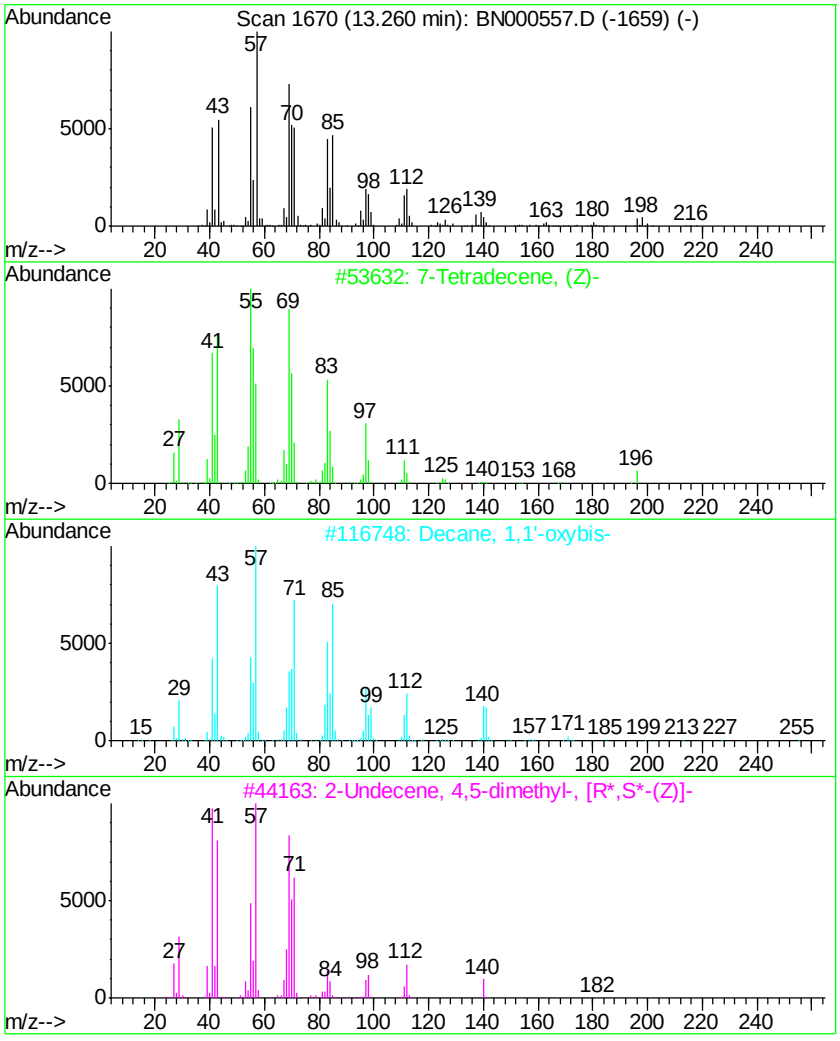
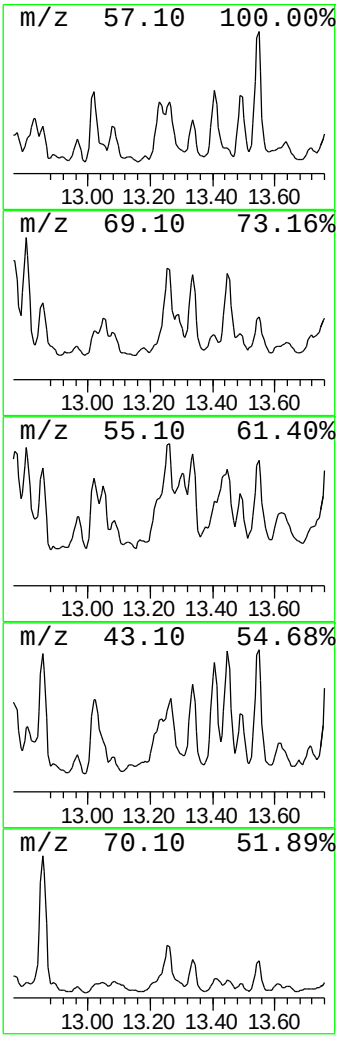
Peak Number 48 (DEL) Alkane: Cyclic13.26 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	14.48 ng/ul	4726250	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	58
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	53
3	2-Undecene, 4,5-dimethyl-, [R*,S...	182	C13H26	055170-93-9	52
4	Heptane, 4-methylene-	112	C8H16	015918-08-8	30
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

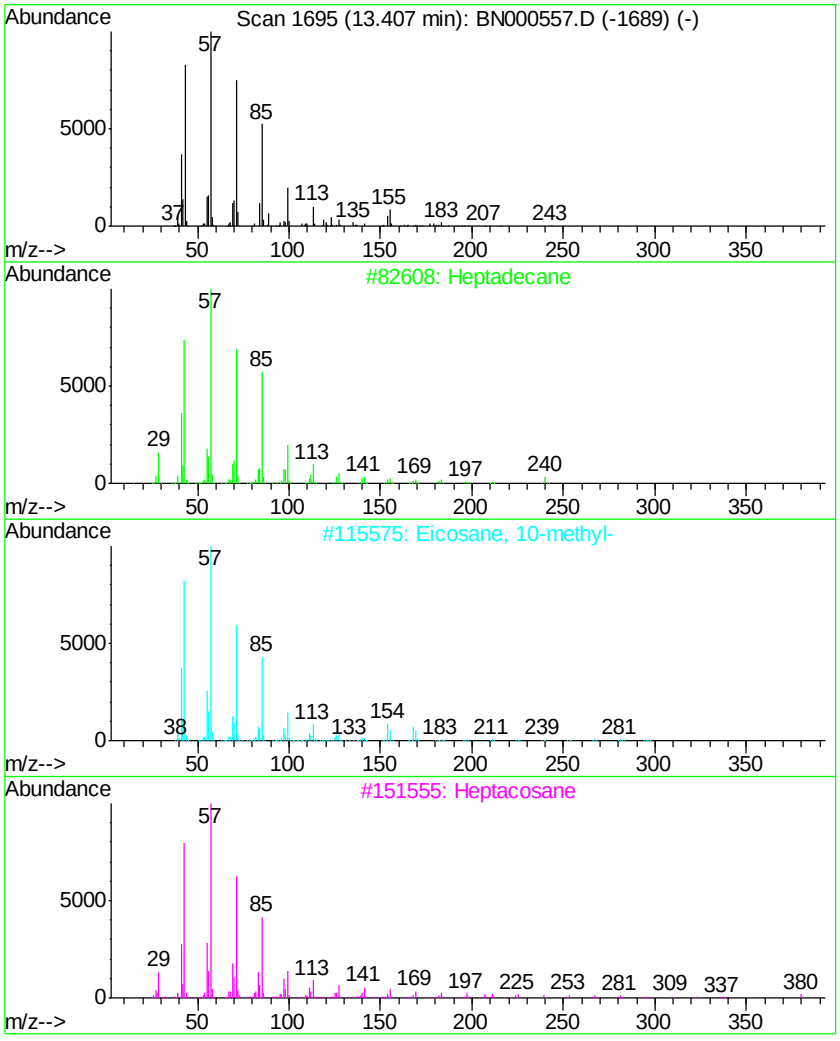
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

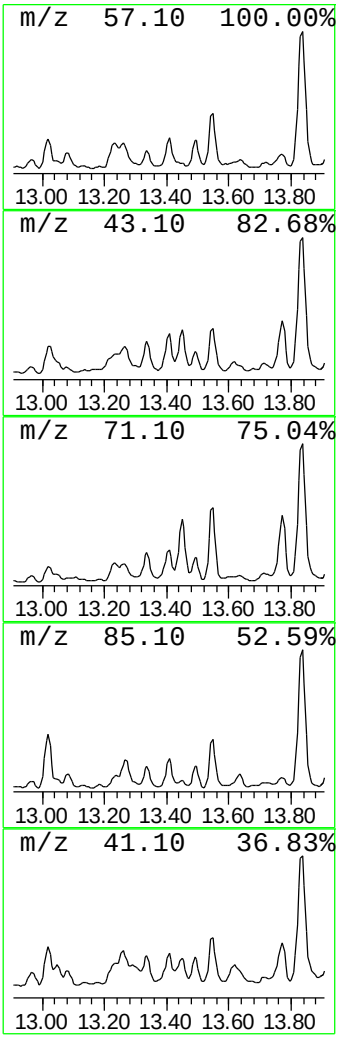
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	6.80 ng/ul	2218950	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Tetratriacontane	479	C34H70	014167-59-0	78





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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Quant Title : SVOA CALIBRATION

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

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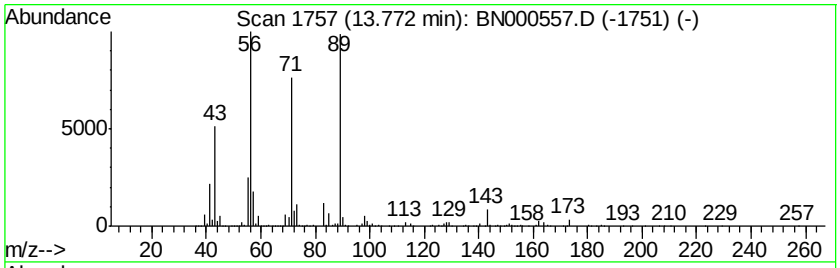
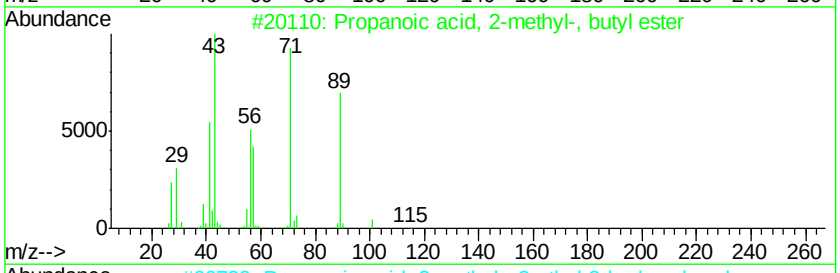
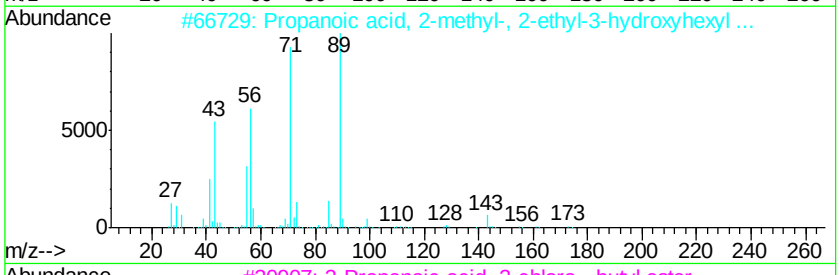
Peak Number 50 Propanoic acid, 2-methyl-, ... Concentration Rank 57

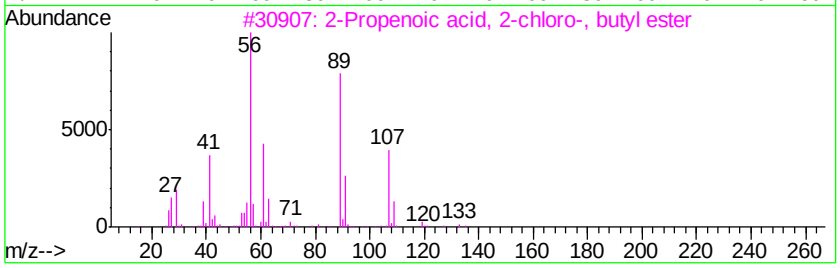
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	12.07 ng/ul	3939880	Acenaphthene-d10	15.04

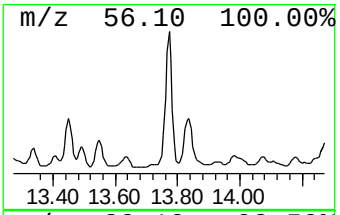
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	64
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
3	2-Propenoic acid, 2-chloro-, but...	162	C7H11ClO2	013401-85-9	45
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	39
5	3-Hydroxymyristic acid	244	C14H28O3	001961-72-4	39

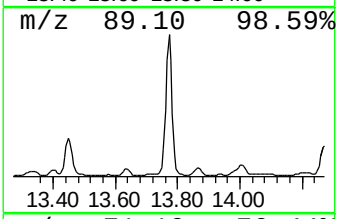


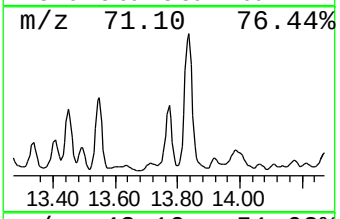


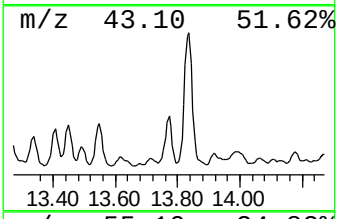


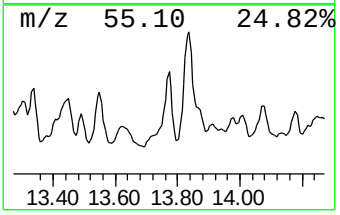












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Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

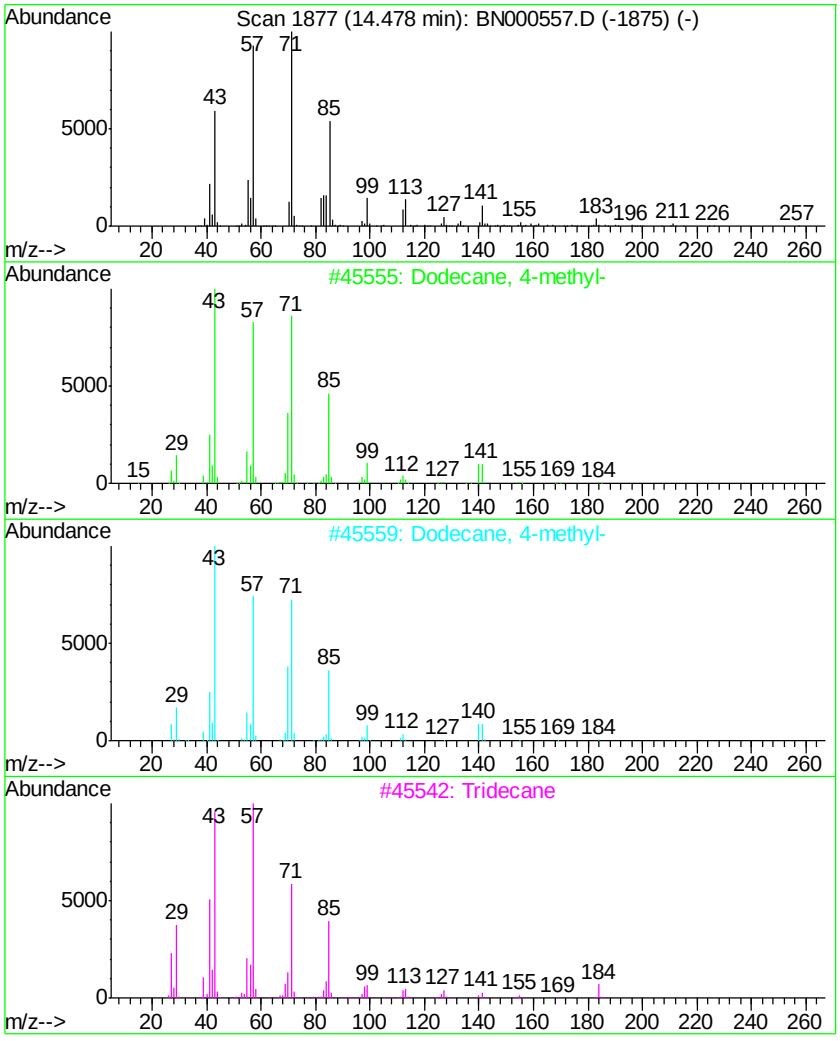
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

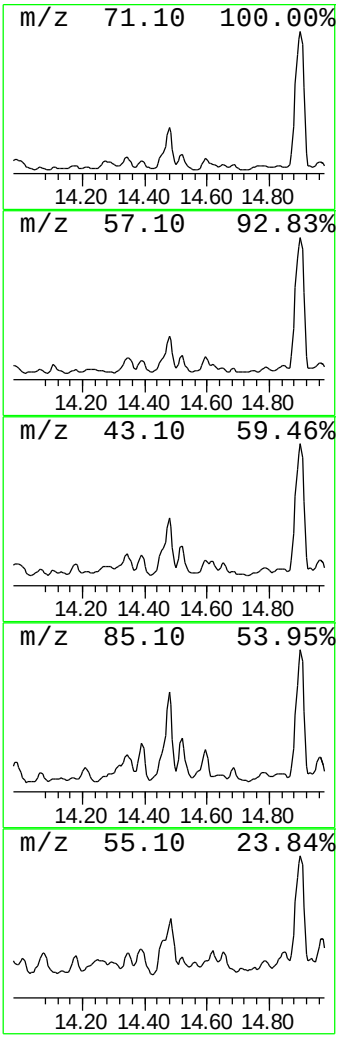
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	9.30 ng/ul	3035900	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
3	Tridecane	184	C13H28	000629-50-5	70
4	Tridecane	184	C13H28	000629-50-5	62
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59





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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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

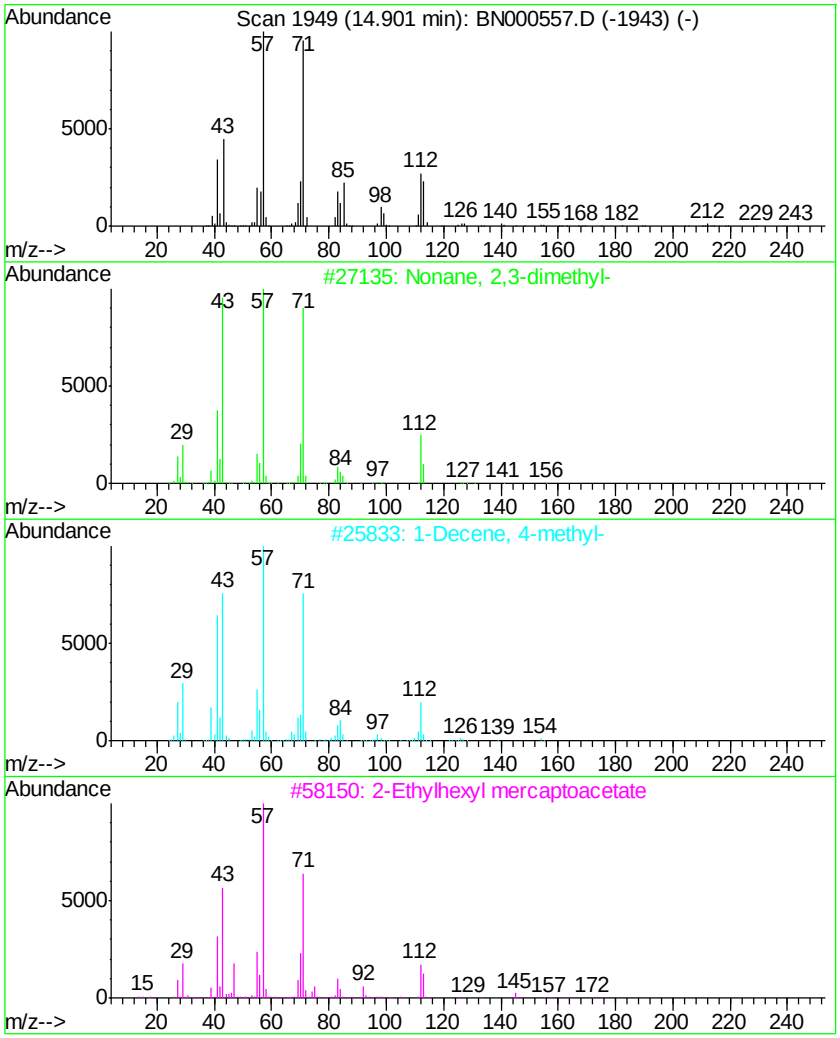
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

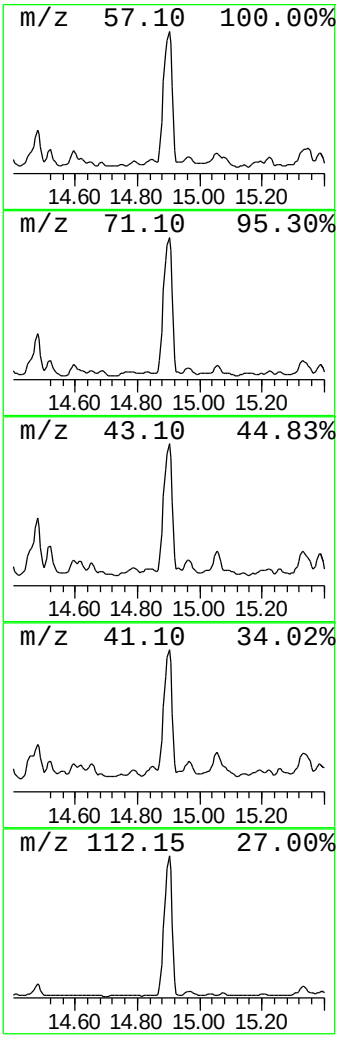
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	44.17 ng/ul	14414400	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	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	59
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53





Library Search Compound Report

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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

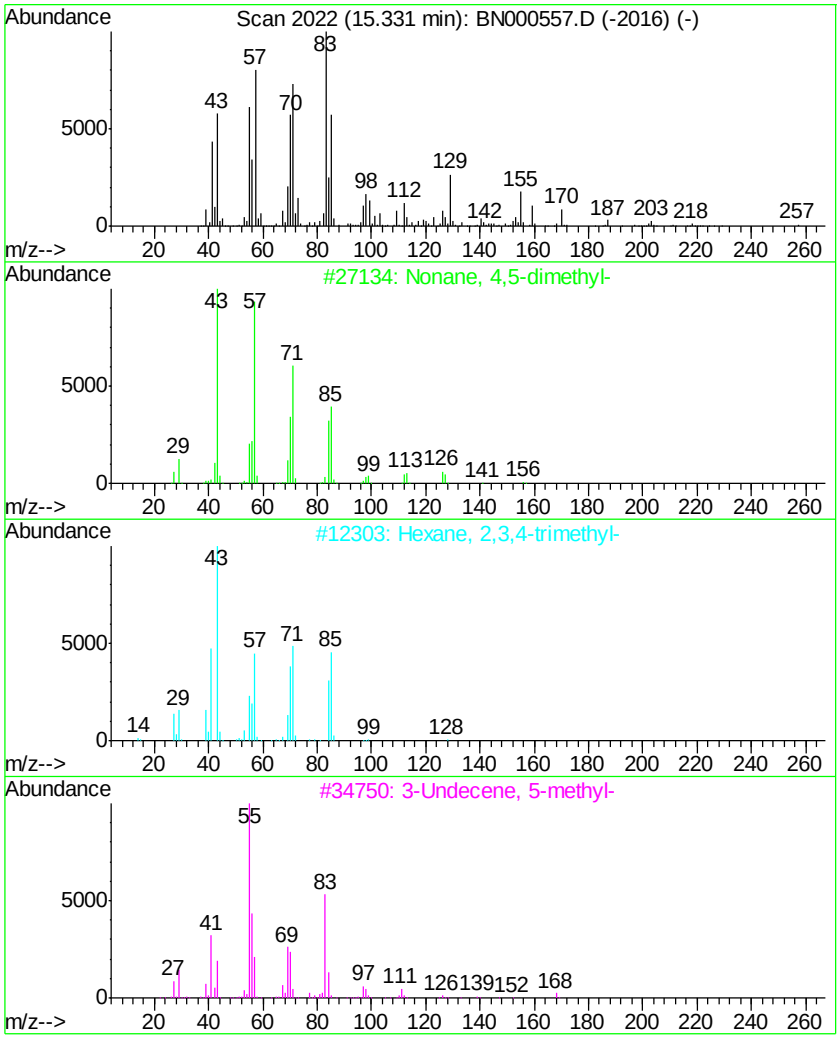
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

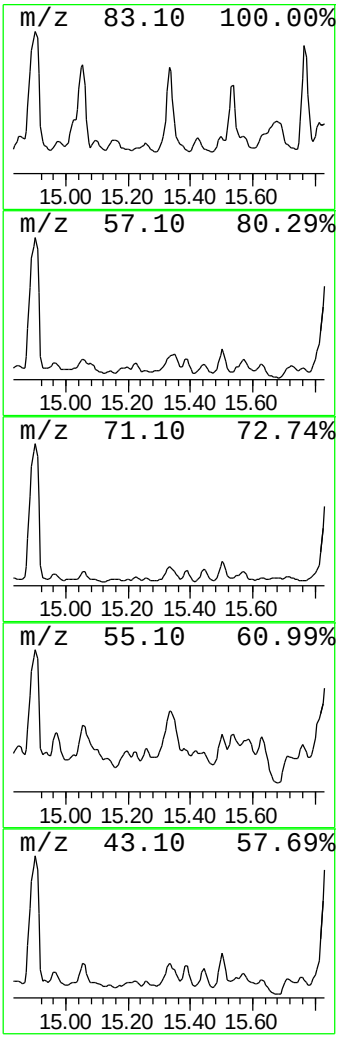
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	15.70 ng/ul	5124900	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
3	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	35
4	Dodecane	170	C12H26	000112-40-3	30
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	27





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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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

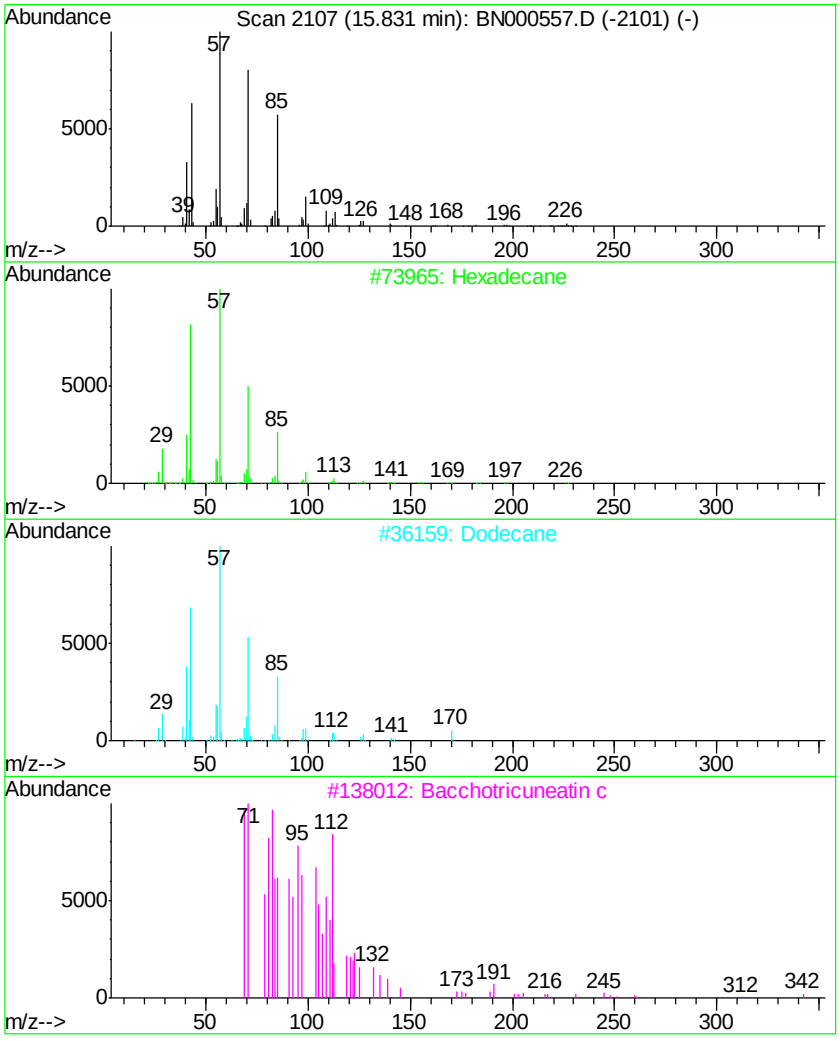
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

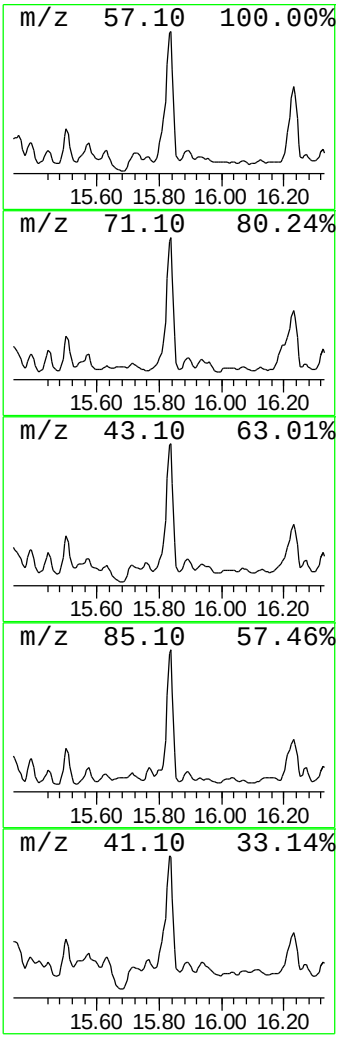
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	31.67 ng/ul	10334200	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Dodecane	170	C12H26	000112-40-3	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





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Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

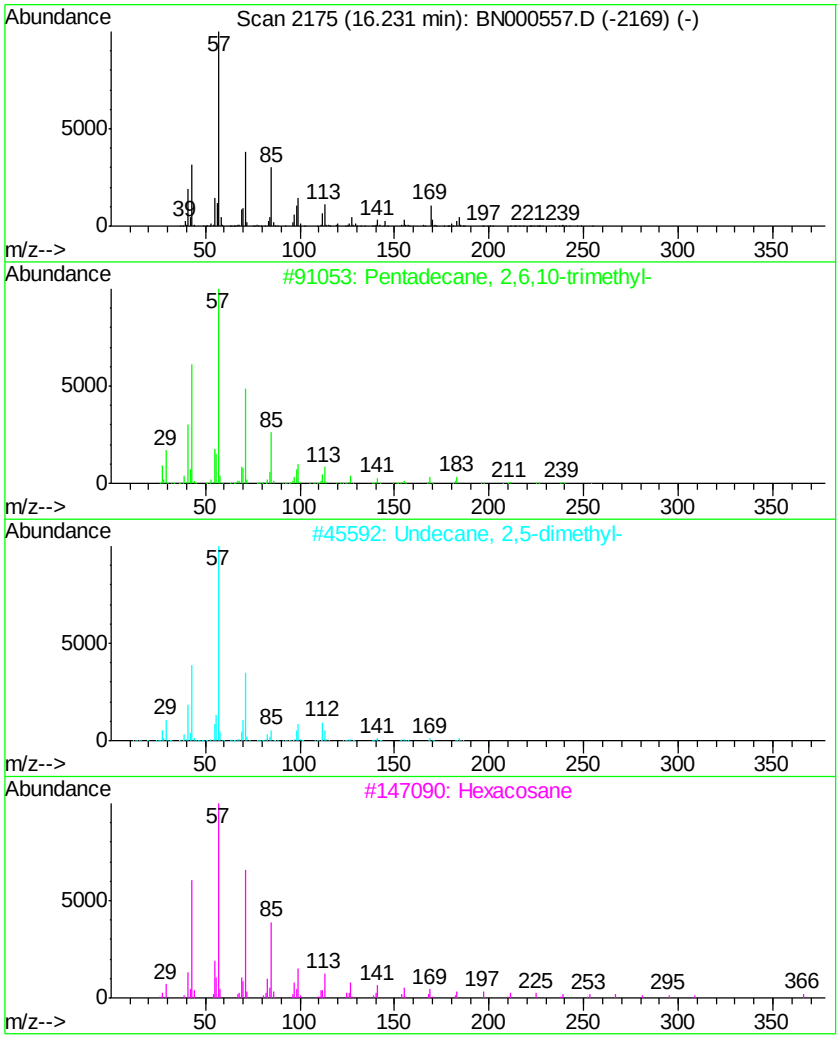
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

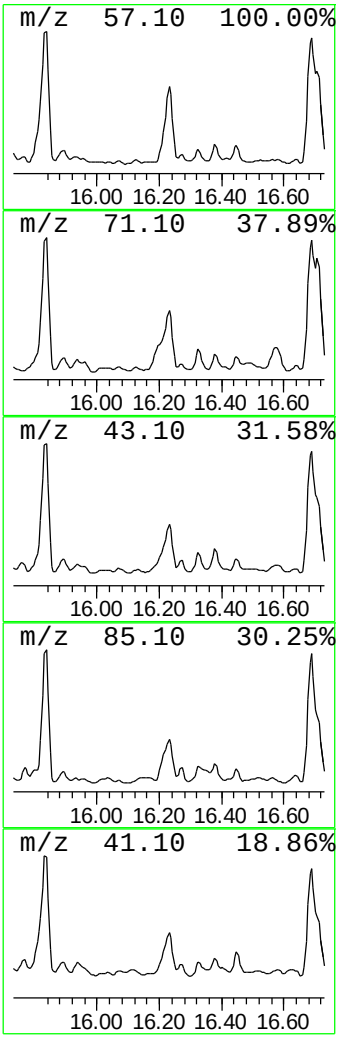
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	11.60 ng/ul	3785720	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
3	Hexacosane	366	C26H54	000630-01-3	53
4	Octacosane	394	C28H58	000630-02-4	53
5	Hentriacontane	437	C31H64	000630-04-6	52





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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

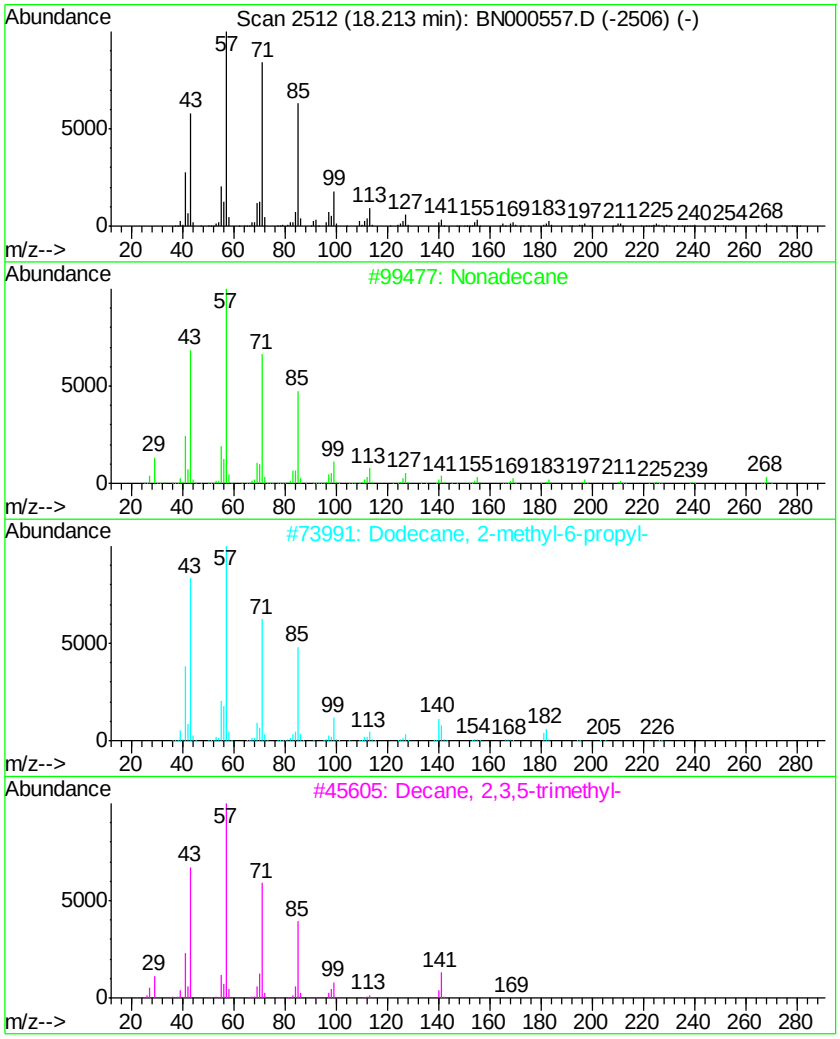
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

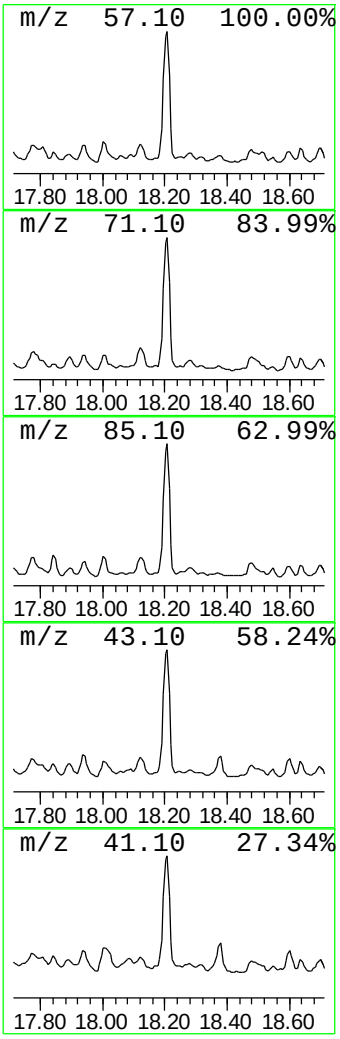
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	61.09 ng/ul	6448400	Phenanthrene-d10	17.80

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	Pentadecane	212	C15H32	000629-62-9	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

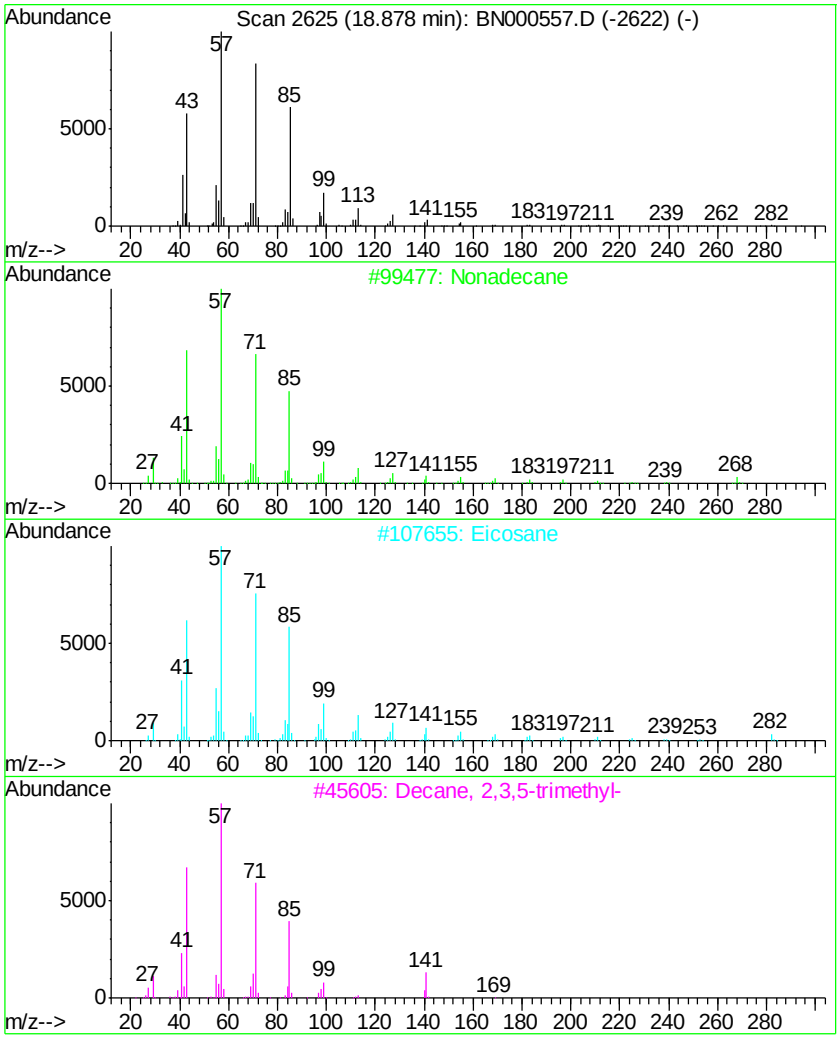
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

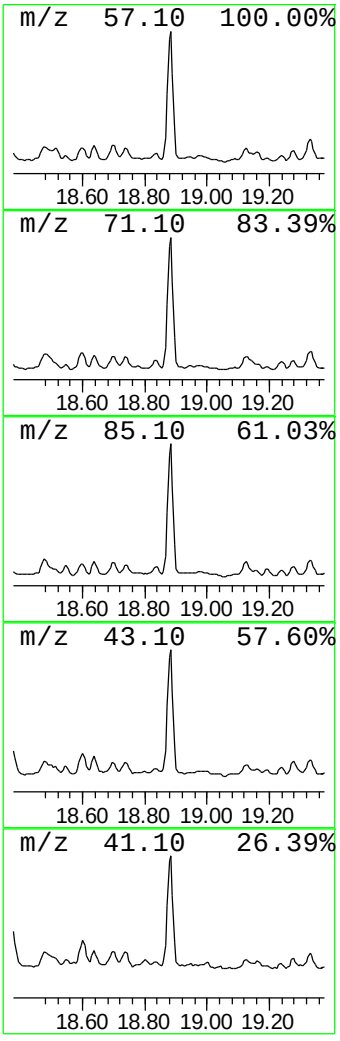
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	42.31 ng/ul	4466150	Phenanthrene-d10	17.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Heptadecane	240	C17H36	000629-78-7	68





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Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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

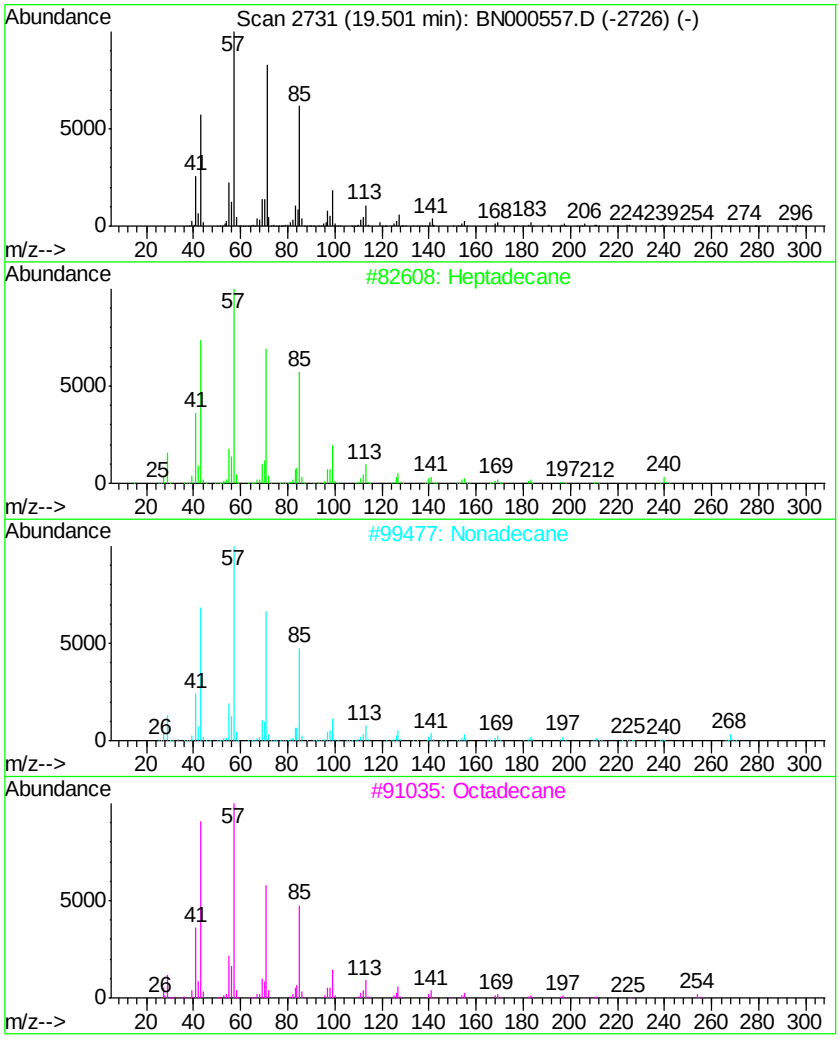
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

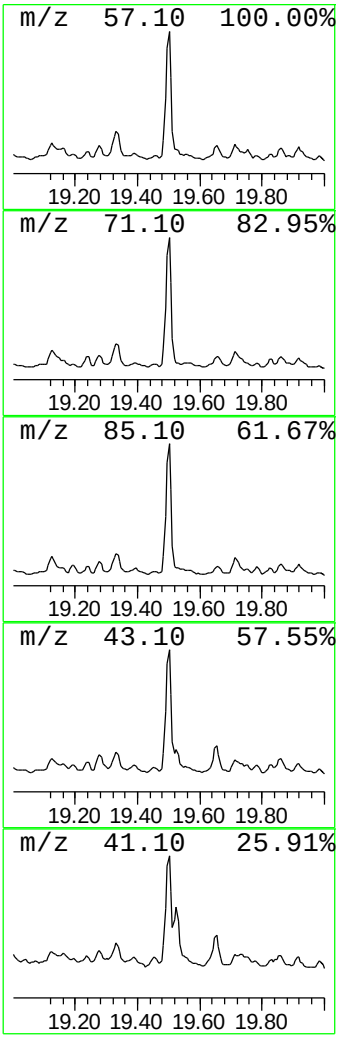
****

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	37.09 ng/ul	3915430	Phenanthrene-d10	17.80

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	Octadecane	254	C18H38	000593-45-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

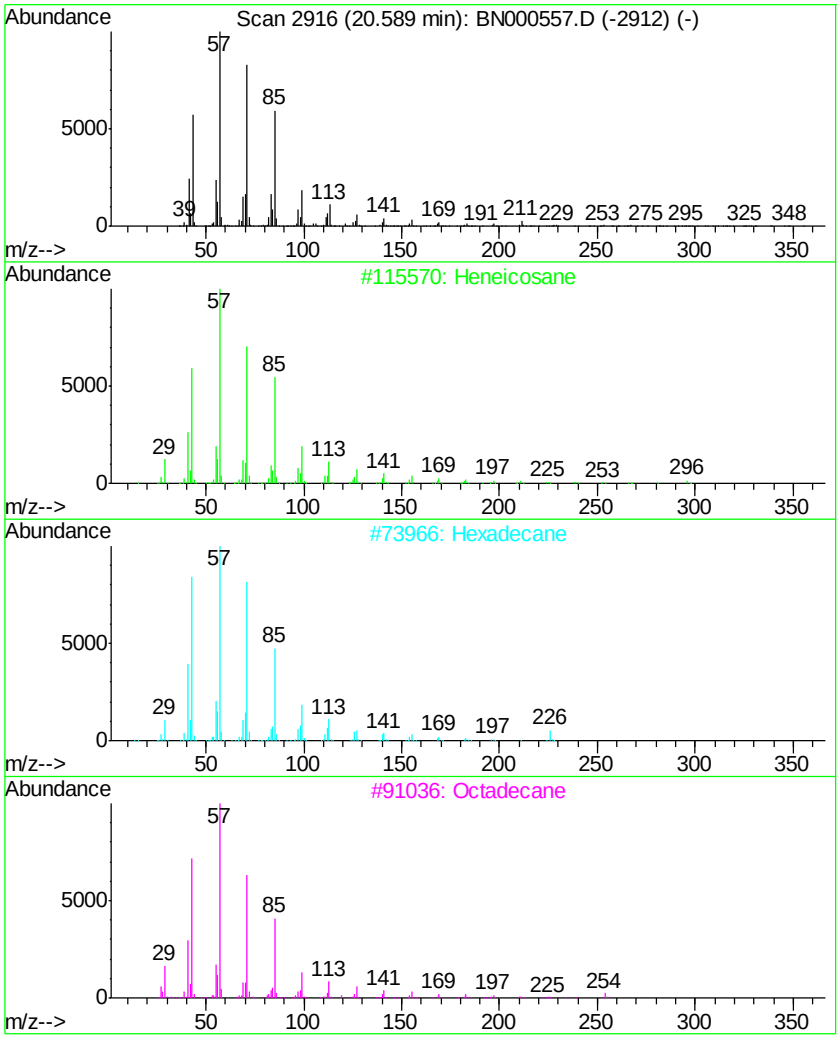
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

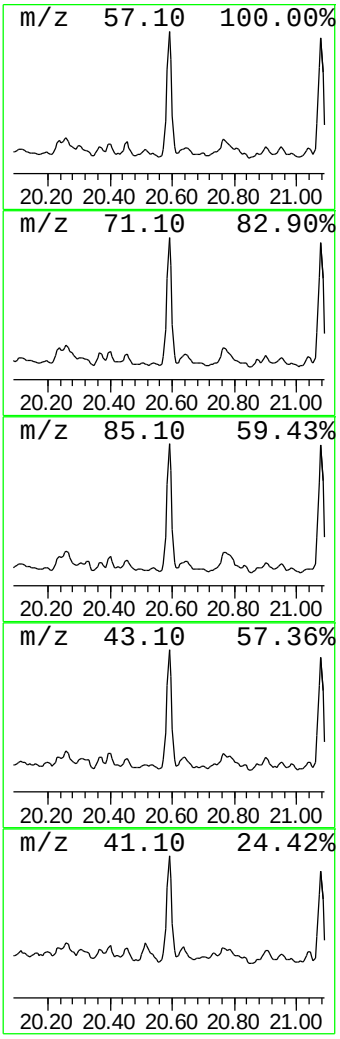
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	23.99 ng/ul	2605640	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

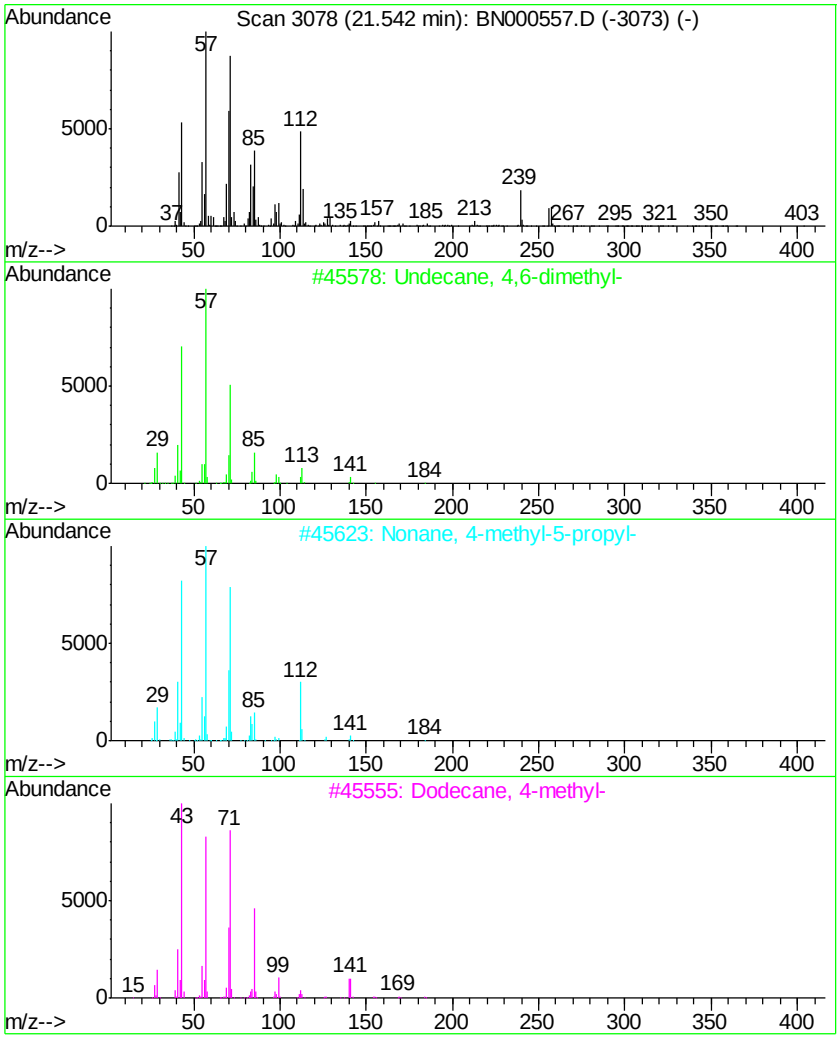
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

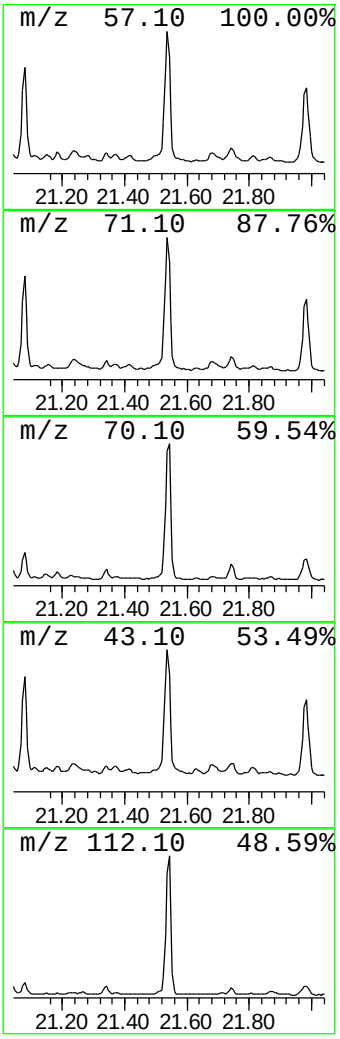
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	40.55 ng/ul	4404270	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	86
2	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	70
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	59
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

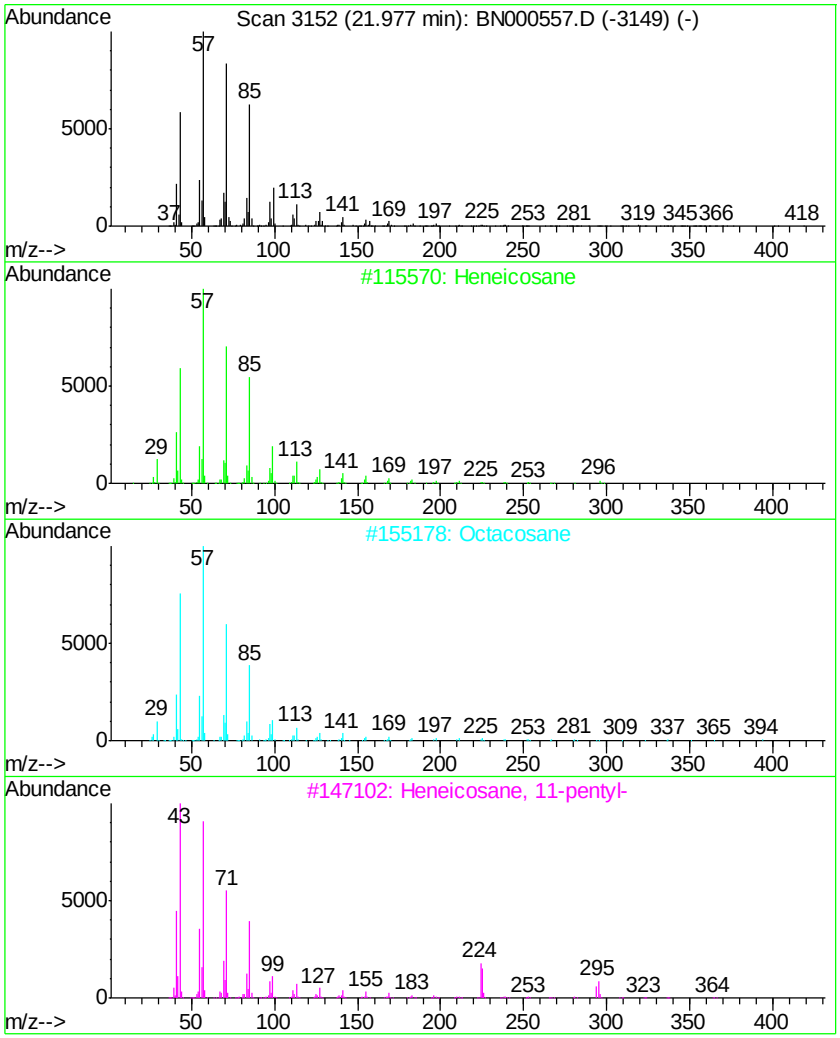
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

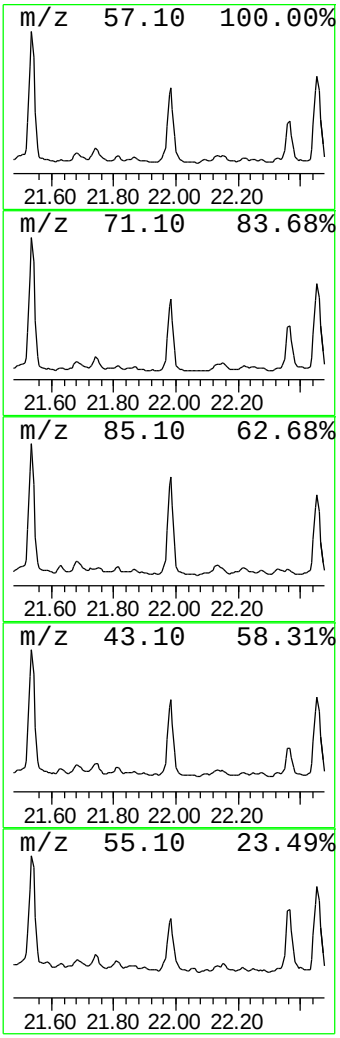
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	22.65 ng/ul	2460400	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

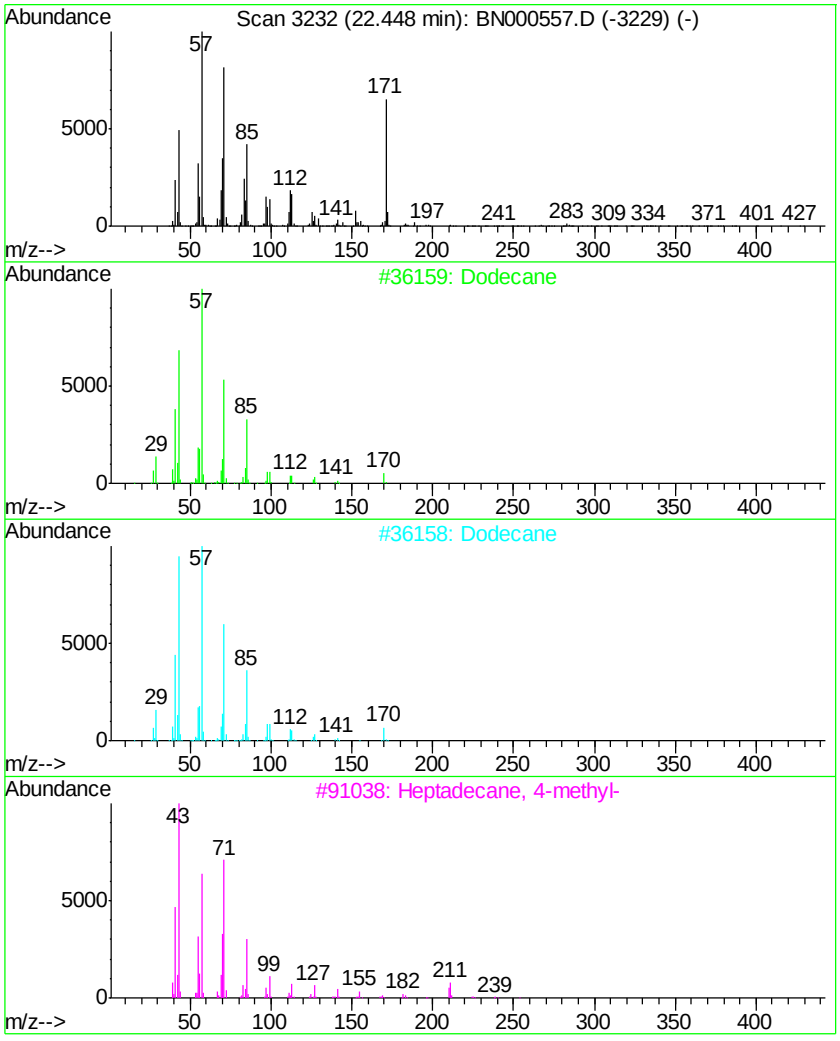
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

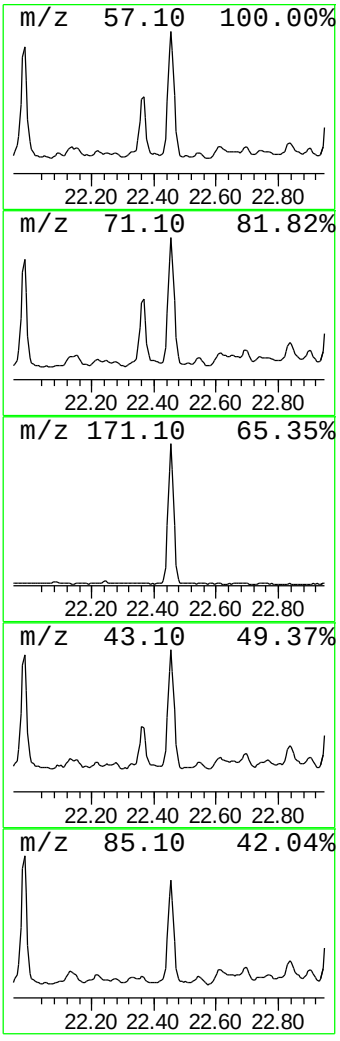
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 78 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	34.65 ng/ul	3763570	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	60
2	Dodecane	170	C12H26	000112-40-3	53
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	52
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	49





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000557.D
Acq On : 23 Mar 2018 01:02
Operator : JU/SJ
Sample : J1905-07DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM42DL

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	29.7	ng/ul	6146260	1	8.42	4138410	20.0
1-Pentanol, 2-ethyl-	6.86	22.6	ng/ul	4667370	1	8.42	4138410	20.0
(DEL) Alkane: Cyc...	7.00	16.4	ng/ul	3394770	1	8.42	4138410	20.0
(DEL) Alkane: Str...	7.36	18.1	ng/ul	3756330	1	8.42	4138410	20.0
(DEL) Alkane: Str...	7.42	17.6	ng/ul	3639170	1	8.42	4138410	20.0
Benzene, 1-ethyl-...	7.47	21.5	ng/ul	4446150	1	8.42	4138410	20.0
(DEL) Alkane: Str...	7.53	36.9	ng/ul	7640950	1	8.42	4138410	20.0
Benzene, 1-ethyl-...	7.78	23.9	ng/ul	4954020	1	8.42	4138410	20.0
2-Heptanone, 4,6-...	7.82	31.6	ng/ul	6546260	1	8.42	4138410	20.0
(DEL) Alkane: Str...	8.01	63.5	ng/ul	13150400	1	8.42	4138410	20.0
Benzene, 1,2,3-tr...	8.05	20.1	ng/ul	4160450	1	8.42	4138410	20.0
(DEL) Alkane: Str...	8.22	10.7	ng/ul	2219180	1	8.42	4138410	20.0
(DEL) Alkane: Str...	8.37	20.0	ng/ul	4138410	1	8.42	4138410	20.0
1-Hexanol, 2-ethyl-	8.50	110.7	ng/ul	22915000	1	8.42	4138410	20.0
Benzene, 1,3,5-tr...	8.53	15.4	ng/ul	3178910	1	8.42	4138410	20.0
unknown-01	8.63	40.9	ng/ul	8469180	1	8.42	4138410	20.0
(DEL) Alkane: Cyc...	8.70	10.8	ng/ul	2239140	1	8.42	4138410	20.0
Cyclohexanone, 3,...	8.87	65.9	ng/ul	13630000	1	8.42	4138410	20.0
(DEL) Alkane: Str...	8.93	16.1	ng/ul	3334300	1	8.42	4138410	20.0
(DEL) Alkane: Str...	8.99	28.9	ng/ul	5980810	1	8.42	4138410	20.0
Benzene, 1,4-diet...	9.06	49.0	ng/ul	10141800	1	8.42	4138410	20.0
Benzene, 1-methyl...	9.23	16.3	ng/ul	3373900	1	8.42	4138410	20.0
Benzene, 2-ethyl-...	9.38	17.7	ng/ul	3671450	1	8.42	4138410	20.0
Benzene, 1-methyl...	9.43	15.6	ng/ul	3217790	1	8.42	4138410	20.0
Benzene, 4-ethyl-...	9.53	31.5	ng/ul	6510200	1	8.42	4138410	20.0
Benzene, 1,3-diet...	9.78	39.6	ng/ul	8196330	1	8.42	4138410	20.0
Benzene, 1-ethyl-...	9.87	13.9	ng/ul	6584210	2	11.26	9489990	20.0
Benzene, 1,2,4,5-...	10.06	5.2	ng/ul	2464250	2	11.26	9489990	20.0
unknown-02	10.43	4.9	ng/ul	2319650	2	11.26	9489990	20.0
(DEL) Alkane: Str...	10.49	11.9	ng/ul	5642010	2	11.26	9489990	20.0
(DEL) Alkane: Str...	10.56	8.8	ng/ul	4192050	2	11.26	9489990	20.0
(DEL) Alkane: Str...	10.64	9.8	ng/ul	4630700	2	11.26	9489990	20.0
(DEL) Alkane: Str...	10.74	7.7	ng/ul	3635680	2	11.26	9489990	20.0
(DEL) Alkane: Str...	11.20	20.0	ng/ul	9489990	2	11.26	9489990	20.0
(DEL) Alkane: Cyc...	11.53	6.9	ng/ul	3284310	2	11.26	9489990	20.0
2,4-Dipropyl-5-et...	11.60	23.6	ng/ul	11180300	2	11.26	9489990	20.0
(DEL) Alkane: Str...	11.73	10.3	ng/ul	4898120	2	11.26	9489990	20.0
unknown-03	11.84	6.0	ng/ul	2822510	2	11.26	9489990	20.0
(DEL) Alkane: Cyc...	11.93	8.9	ng/ul	4233590	2	11.26	9489990	20.0
unknown-04	12.12	9.4	ng/ul	4439590	2	11.26	9489990	20.0
(DEL) Alkane: Str...	12.23	11.9	ng/ul	5658350	2	11.26	9489990	20.0
Benzene, 1,3,5-tr...	12.32	13.4	ng/ul	6347520	2	11.26	9489990	20.0
(DEL) Alkane: Cyc...	12.47	18.2	ng/ul	8643420	2	11.26	9489990	20.0
(DEL) Alkane: Str...	12.62	19.9	ng/ul	9447920	2	11.26	9489990	20.0
unknown-05	12.66	12.3	ng/ul	5828790	2	11.26	9489990	20.0
(DEL) Alkane: Cyc...	12.75	6.7	ng/ul	3161350	2	11.26	9489990	20.0
unknown-06	13.02	6.5	ng/ul	3102640	2	11.26	9489990	20.0
(DEL) Alkane: Cyc...	13.26	14.5	ng/ul	4726250	3	15.04	6527130	20.0
(DEL) Alkane: Str...	13.41	6.8	ng/ul	2218950	3	15.04	6527130	20.0

Propanoic acid, 2...	13.77	12.1	ng/ul	3939880	3	15.04	6527130	20.0
(DEL) Alkane: Str...	14.48	9.3	ng/ul	3035900	3	15.04	6527130	20.0
(DEL) Alkane: Str...	14.90	44.2	ng/ul	14414400	3	15.04	6527130	20.0
(DEL) Alkane: Str...	15.33	15.7	ng/ul	5124900	3	15.04	6527130	20.0
(DEL) Alkane: Str...	15.83	31.7	ng/ul	10334200	3	15.04	6527130	20.0
(DEL) Alkane: Str...	16.23	11.6	ng/ul	3785720	3	15.04	6527130	20.0
(DEL) Alkane: Str...	18.21	61.1	ng/ul	6448400	4	17.80	2111210	20.0
(DEL) Alkane: Str...	18.88	42.3	ng/ul	4466150	4	17.80	2111210	20.0
(DEL) Alkane: Str...	19.50	37.1	ng/ul	3915430	4	17.80	2111210	20.0
(DEL) Alkane: Str...	20.59	24.0	ng/ul	2605640	5	21.88	2172310	20.0
(DEL) Alkane: Str...	21.54	40.5	ng/ul	4404270	5	21.88	2172310	20.0
(DEL) Alkane: Str...	21.98	22.6	ng/ul	2460400	5	21.88	2172310	20.0
(DEL) Alkane: Str...	22.45	34.6	ng/ul	3763570	5	21.88	2172310	20.0

Instrument :
BNA_N
ClientSampleId :
DAM42DL