LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.355	490	496	502	rBV2	1632275	2677043	3.56%	0.628%
2	6.861	574	582	587	rBV2	1486357	2615294	3.48%	0.614%
3	7.008	602	607	619	rVB4	597392	1593994	2.12%	0.374%
4	7.114	619	625	633	rVB	1256890	2017238	2.68%	0.474%
5	7.361	663	667	672	rVB	1185043	1708267	2.27%	0.401%
6	7.419	672	677	681	rBV	1163139	1820136	2.42%	0.427%
7	7.472	681	686	691	rVB	1221326	1857864	2.47%	0.436%
8	7.531	691	696	702	rVB2	2480218	4023837	5.35%	0.945%
9	7.613	702	710	712	rBV	850580	1339800	1.78%	0.315%
10	7.643	712	715	722	rVB	1190781	1740154	2.31%	0.409%
11	7.761	729	735	737	rBV	881771	1525385	2.03%	0.358%
12	7.813	737	744	752	rVB2	2919855	5730566	7.62%	1.345%
13	8.008	772	777	781	rBV	4360526	7066424	9.40%	1.659%
14	8.049	781	784	789	rVB	1358839	1927876	2.56%	0.453%
15	8.366	833	838	842	rBV	1305583	1882067	2.50%	0.442%
16	8.490	849	859	863	rBV	5813617	14734064	19.59%	3.459%
17	8.531	863	866	871	rVB3	1141677	1736157	2.31%	0.408%
18	8.625	871	882	887	rBV	7324415	15141369	20.13%	3.555%
19	8.872	915	924	929	rBV	7633870	16401050	21.81%	3.851%
20	8.984	937	943	949	rVB2	1118945	2593352	3.45%	0.609%
21	9.060	949	956	968	rBV4	2952267	5667644	7.54%	1.331%
22	9.166	968	974	978	rBV2	1356843	2332147	3.10%	0.548%
23	9.225	978	984	988	rVB3	970891	1704226	2.27%	0.400%
24	9.378	1005	1010	1015	rBV2	715020	1586521	2.11%	0.372%
25	9.431	1015	1019	1024	rVB	822237	1393661	1.85%	0.327%
26	9.537	1031	1037	1045	rVB2	2065744	4390279	5.84%	1.031%
27	9.637	1045	1054	1065	rVB	5040831	9494914	12.62%	2.229%
28	9.790	1065	1080	1084	rBV8	1185930	4810046	6.40%	1.129%
29	9.855	1085	1091	1099	rVB4	2036975	6229338	8.28%	1.462%
30	10.025	1115	1120	1123	rBV3	942087	1493252	1.99%	0.351%
31	10.119	1132	1136	1140	rBV	845708	1463518	1.95%	0.344%
32	10.166	1140	1144	1148	rVV	1609675	2592641	3.45%	0.609%
33	10.207	1148	1151	1157	rVB	1141599	1762859	2.34%	0.414%
34	10.284	1157	1164	1172	rBV3	2570798	6653378	8.85%	1.562%

LSC Area Percent Report

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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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	1184	rVB3	1491946	3020184	4.02%	0.709%
36	10.490	1192	1199	1204	rVB3	1143413	2560790	3.40%	0.601%
37	10.637	1219	1224	1229	rBV3	1010894	1814051	2.41%	0.426%
38	10.749	1237	1243	1251	rBV3	1967680	4042550	5.38%	0.949%
39	11.190	1309	1318	1320	rVV2	2846530	6240477	8.30%	1.465%
40	11.213	1320	1322	1327	rVV	3311877	5190621	6.90%	1.219%
41	11.266	1328	1331	1335	rVV2	1282567	2106748	2.80%	0.495%
42	11.337	1335	1343	1346	rVV4	1657321	3074874	4.09%	0.722%
43	11.372	1346	1349	1355	rVB2	1240660	2032116	2.70%	0.477%
44	11.537	1366	1377	1382	rBV5	969554	2552159	3.39%	0.599%
45	11.602	1382	1388	1393	rBV	3301871	5527570	7.35%	1.298%
46	11.731	1402	1410	1415	rBV2	1538118	2702068	3.59%	0.634%
47	11.837	1422	1428	1436	rVB6	545184	1324324	1.76%	0.311%
48	11.931	1436	1444	1447	rBV6	770089	1728155	2.30%	0.406%
49	12.225	1489	1494	1499	rBV3	1057229	1952482	2.60%	0.458%
50	12.313	1505	1509	1515	rVB	1814519	2590433	3.44%	0.608%
51	12.466	1529	1535	1545	rVB	2689300	4239741	5.64%	0.995%
52	12.613	1555	1560	1564	rBV	2746181	4471809	5.95%	1.050%
53	12.660	1564	1568	1574	rVB	2199930	3352287	4.46%	0.787%
54	12.766	1578	1586	1590	rVV3	1427132	3360485	4.47%	0.789%
55	12.854	1597	1601	1604	rVV	1040979	1432646	1.90%	0.336%
56	12.890	1604	1607	1615	rVB	1014803	1600741	2.13%	0.376%
57	13.019	1625	1629	1637	rBV4	1151041	2699192	3.59%	0.634%
58	13.448	1698	1702	1706	rVV	1365639	2020186	2.69%	0.474%
59	13.548	1714	1719	1725	rBV2	1070490	1799808	2.39%	0.423%
60	13.613	1726	1730	1737	rVB	925912	1645645	2.19%	0.386%
61	13.772	1751	1757	1762	rVB	2229608	3355938	4.46%	0.788%
62	13.831	1762	1767	1777	rBV	2942386	5082396	6.76%	1.193%
63	14.072	1803	1808	1817	rVB4	1470827	3009489	4.00%	0.707%
64	14.213	1821	1832	1839	rBV8	1296353	4479286	5.96%	1.052%
65	14.360	1851	1857	1858	rBV3	1051400	1834987	2.44%	0.431%
66	14.478	1875	1877	1881	rVB3	1148981	1327211	1.76%	0.312%
67	14.643	1901	1905	1914	rVB5	1439625	3044674	4.05%	0.715%
68	14.743	1918	1922	1927	rBV3	920113	1463413	1.95%	0.344%
69	14.895	1942	1948	1952	rVB	5873033	9083583	12.08%	2.133%
70	15.048	1967	1974	1982	rBV4	1844508	4381819	5.83%	1.029%
71	15.154	1987	1992	1998	rBV	2964991	4274416	5.68%	1.004%

LSC Area Percent Report

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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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	15.331	2015	2022	2028	rBV3	2747043	6447936	8.57%	1.514%
73	15.407	2033	2035	2044	rVB4	1349853	2575196	3.42%	0.605%
74	15.495	2045	2050	2054	rBV2	1526223	2345265	3.12%	0.551%
75	15.572	2057	2063	2070	rVV8	1271790	3858288	5.13%	0.906%
76	15.678	2070	2081	2089	rVV2	10104714	22212362	29.53%	5.215%
77	15.772	2092	2097	2101	rVV2	3479462	5594157	7.44%	1.313%
78	15.831	2101	2107	2114	rVB	3201874	5802562	7.72%	1.362%
79	16.231	2172	2175	2179	rVB	1180330	1570555	2.09%	0.369%
80	16.619	2237	2241	2247	rVB3	1315418	1961318	2.61%	0.460%
81	16.684	2248	2252	2255	rBV	2990555	4580311	6.09%	1.075%
82	16.889	2283	2287	2291	rBV3	994440	1502124	2.00%	0.353%
83	17.048	2310	2314	2321	rVB6	780747	1543861	2.05%	0.362%
84	17.495	2372	2390	2392	rBV3	14440091	75207323	100.00%	17.657%
85	17.784	2435	2439	2444	rBV2	1429243	2190516	2.91%	0.514%
86	17.831	2444	2447	2452	rVB2	1022544	1420824	1.89%	0.334%
87	18.013	2473	2478	2481	rBV4	667557	1451572	1.93%	0.341%
88	18.201	2506	2510	2520	rVB	2542786	3628772	4.83%	0.852%
89	18.378	2537	2540	2546	rVB	1167068	1398488	1.86%	0.328%
90	18.883	2622	2626	2630	rVB	1957410	2402820	3.19%	0.564%
91	19.501	2727	2731	2733	rBV	1839266	2187075	2.91%	0.513%
92	19.525	2733	2735	2739	rVB	1620434	1818651	2.42%	0.427%
93	19.654	2752	2757	2762	rVB2	875596	1325413	1.76%	0.311%
94	20.066	2824	2827	2832	rVB	1248753	1489556	1.98%	0.350%
95	20.595	2913	2917	2921	rBV2	1201550	1433115	1.91%	0.336%
96	21.548	3075	3079	3086	rVB2	2133343	2644357	3.52%	0.621%
97	21.895	3133	3138	3147	rVV	1893980	3015984	4.01%	0.708%
98	21.989	3151	3154	3161	rVB	1042012	1456921	1.94%	0.342%
99	22.466	3231	3235	3242	rVB	1717034	2377600	3.16%	0.558%
100	24.377	3554	3560	3568	rVB2	1171911	2375684	3.16%	0.558%

Sum of corrected areas: 425944321

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
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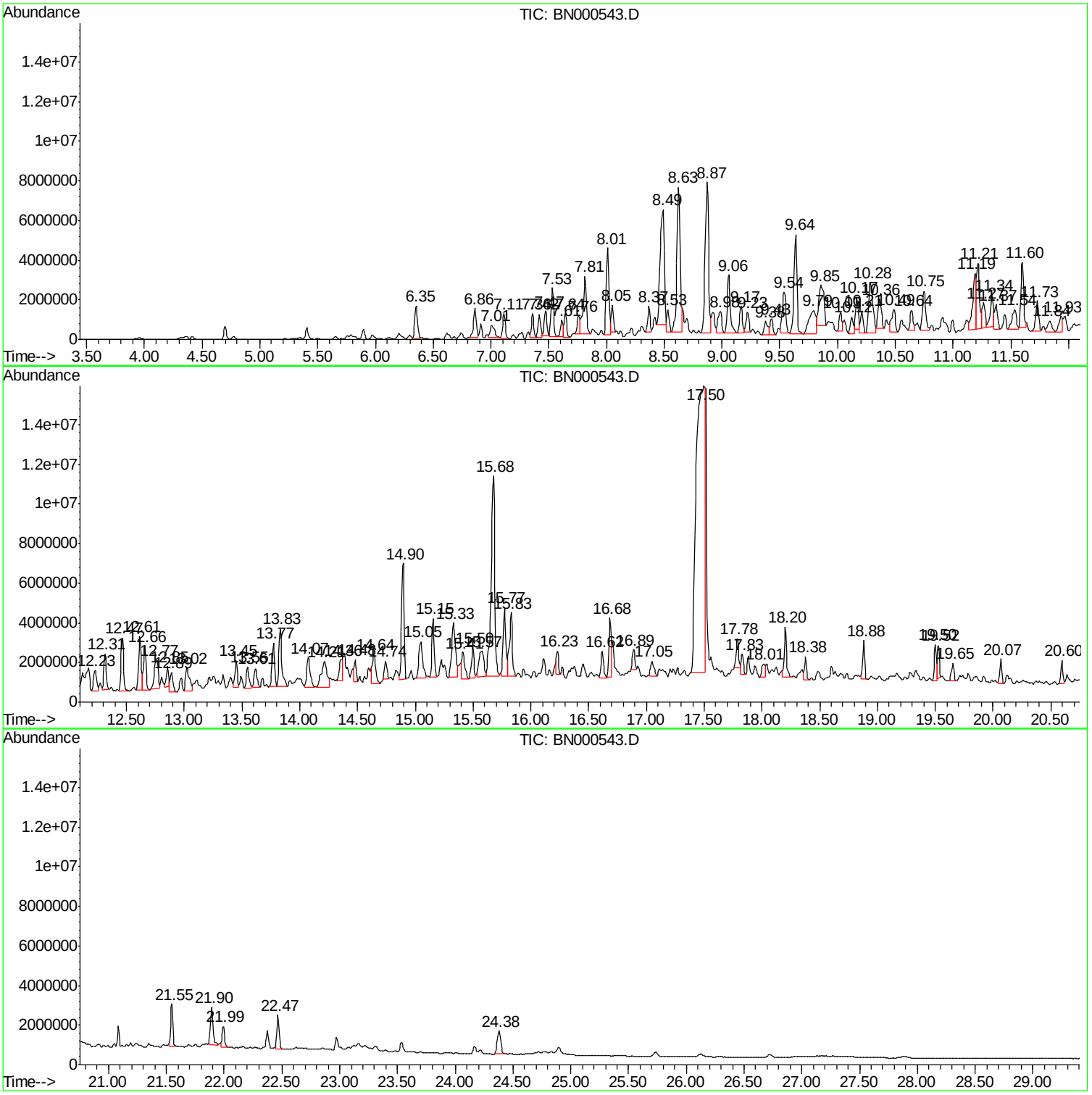
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM52DL

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



Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

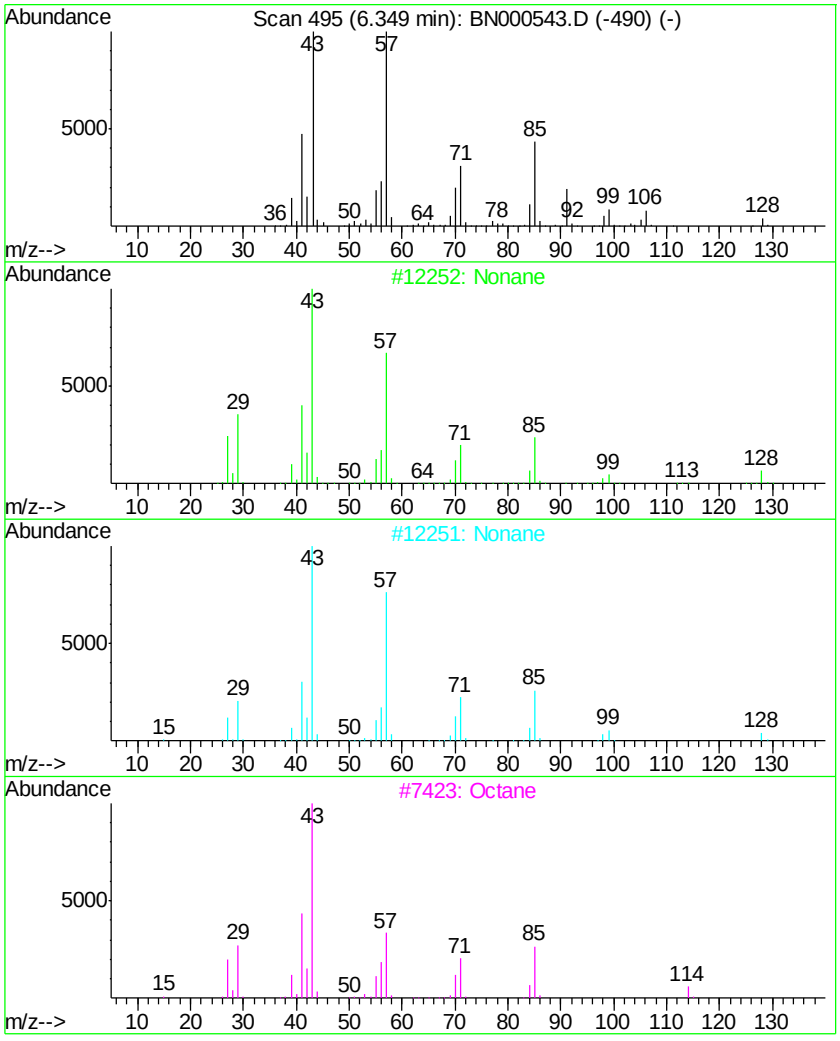
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

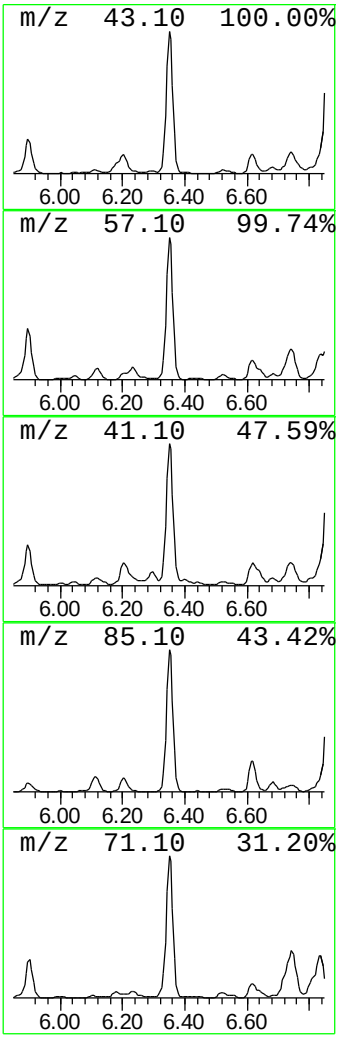
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	28.45 ng/ul	2677040	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	93
3	Octane	114	C8H18	000111-65-9	64
4	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

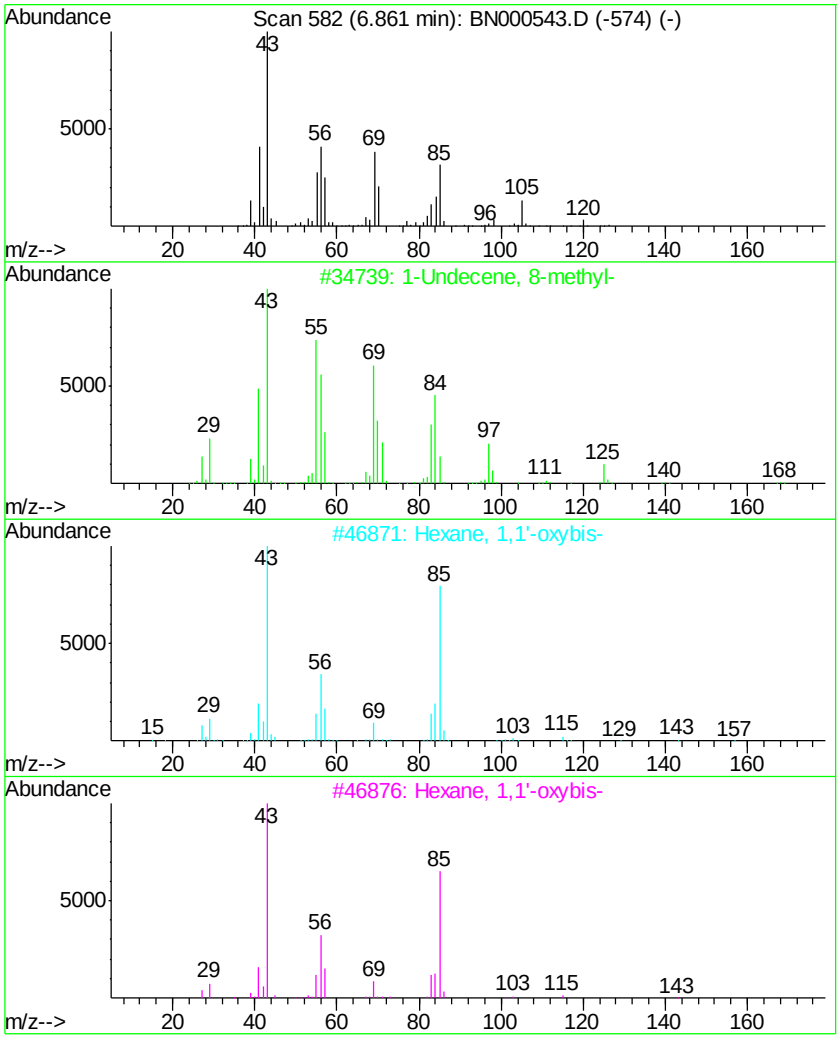
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

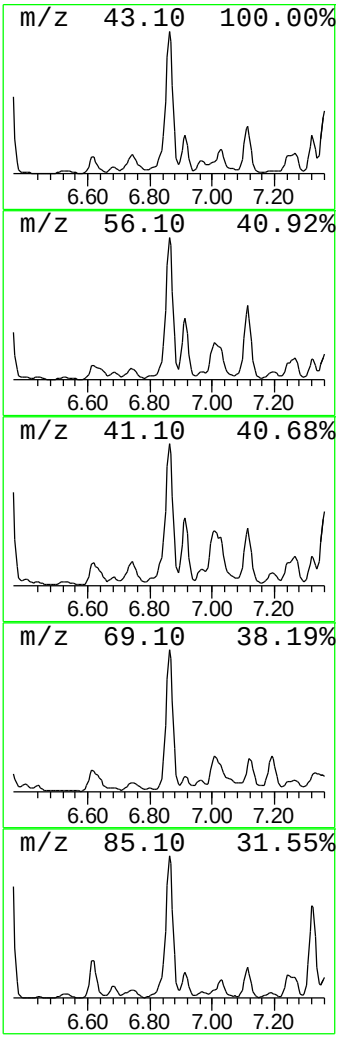
****

Peak Number 2 (DEL) Alkane: Cyclic6.86 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	27.79 ng/ul	2615290	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	64
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
4	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	50
5	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	47





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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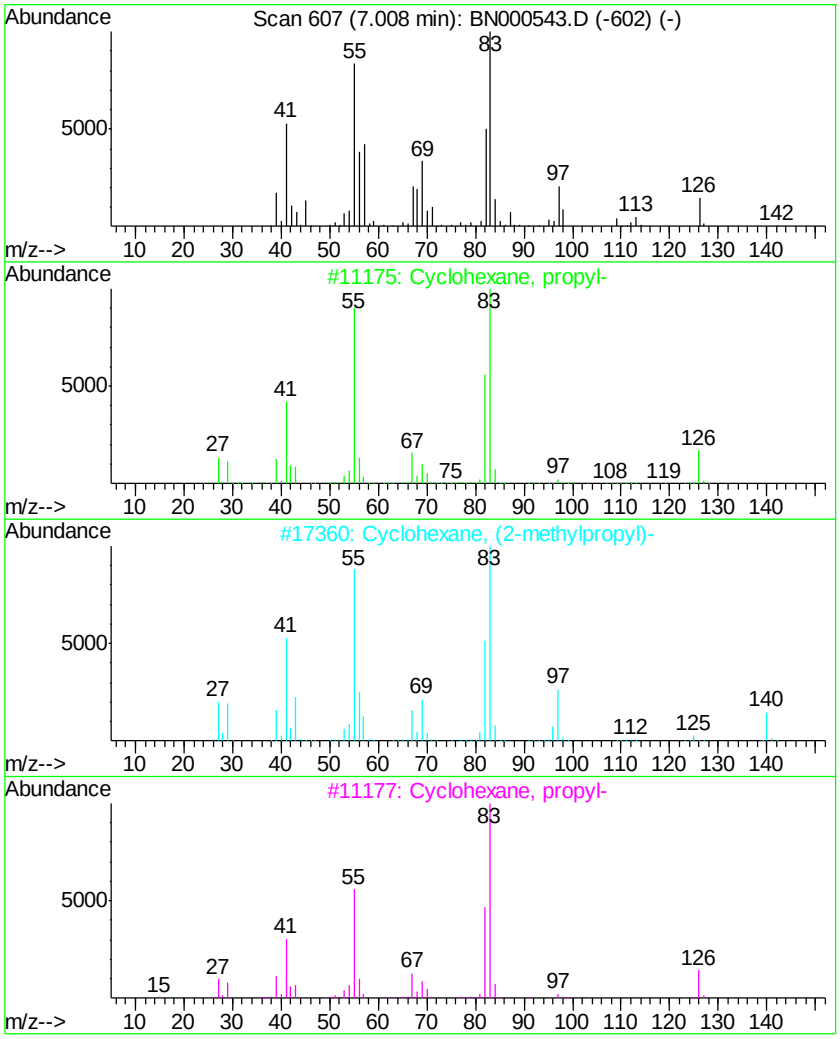
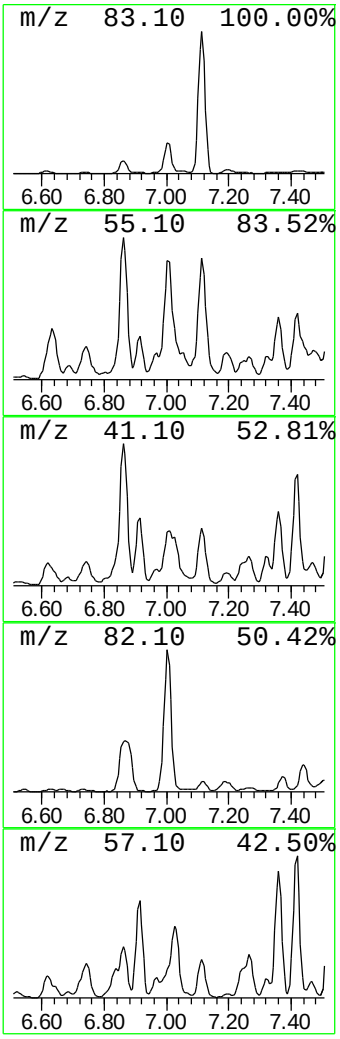
Peak Number 3 (DEL) Alkane: Cyclic7.01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	16.94 ng/ul	1593990	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	70
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	52





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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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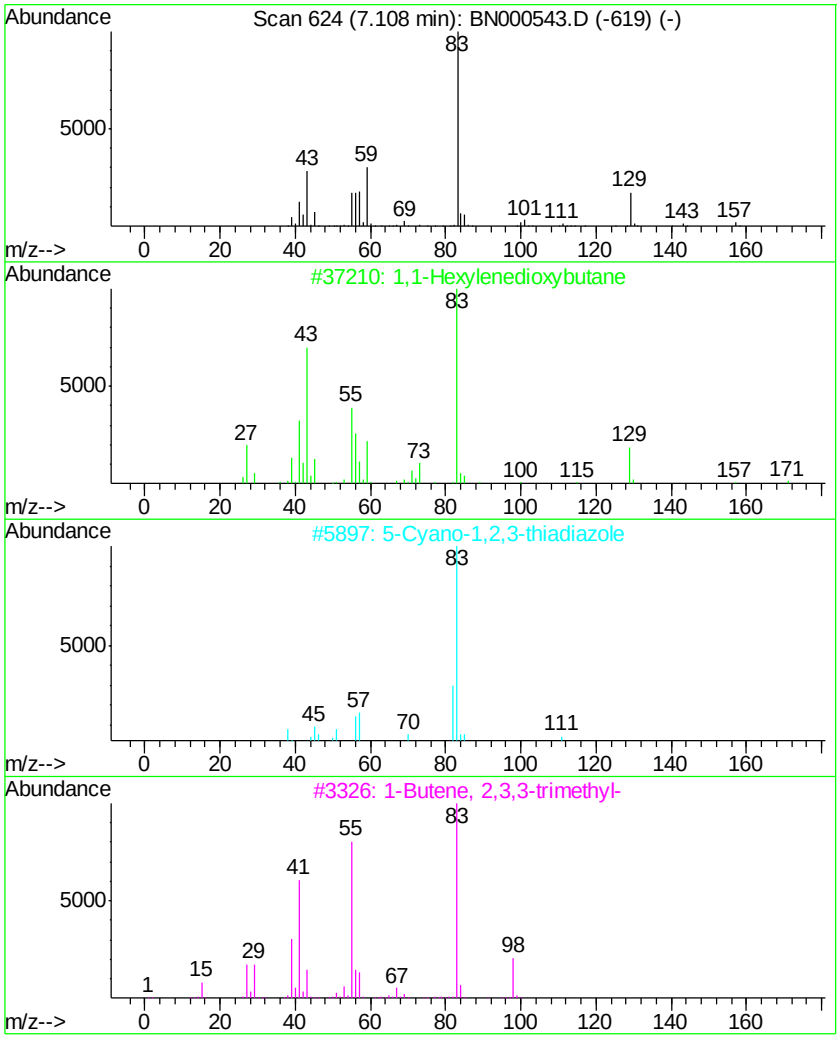
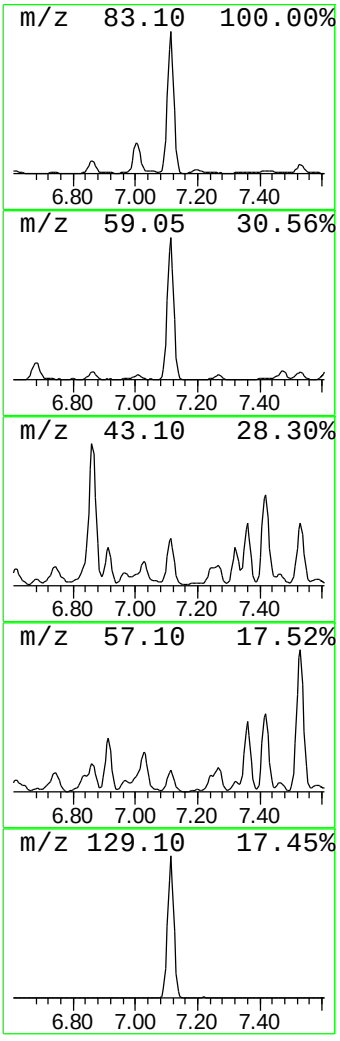
Peak Number 4 1,1-Hexylenedioxybutane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	21.44 ng/ul	2017240	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	72
2	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	59
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	34
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	34
5	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	10





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

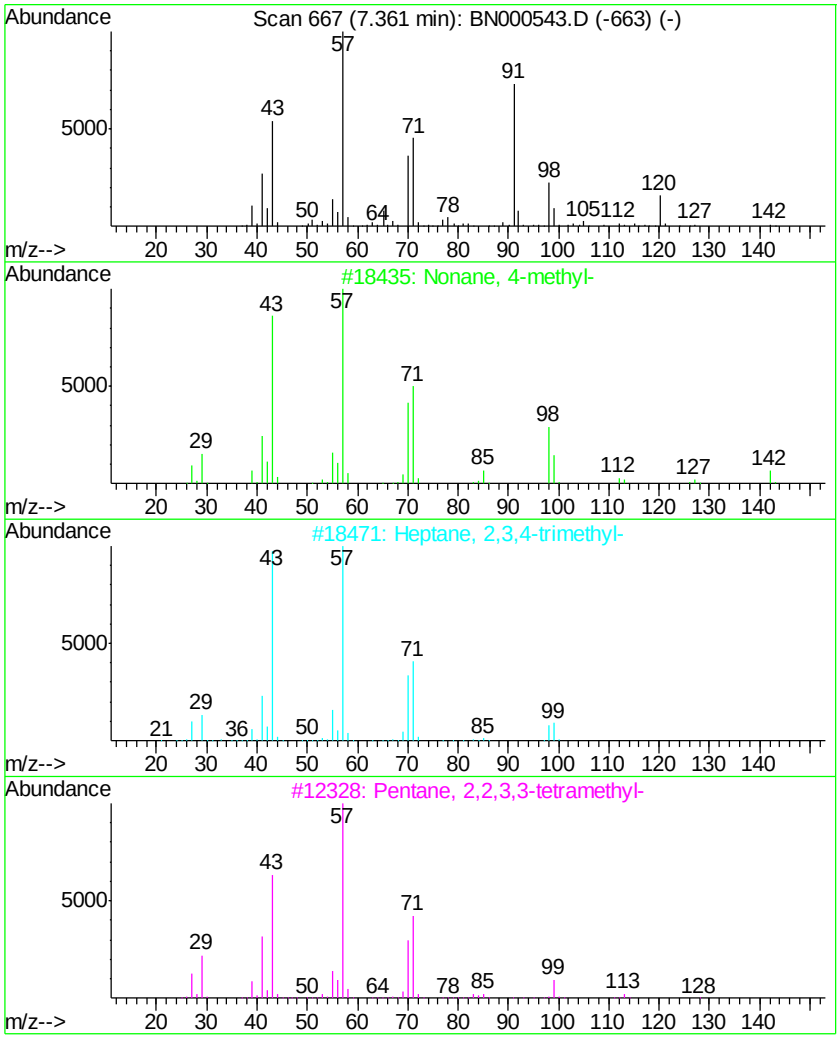
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

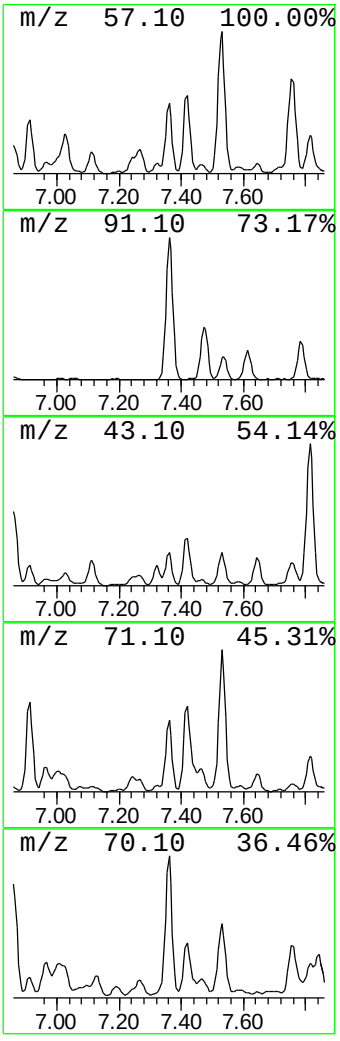
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	18.15 ng/ul	1708270	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	47
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	43
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	38





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

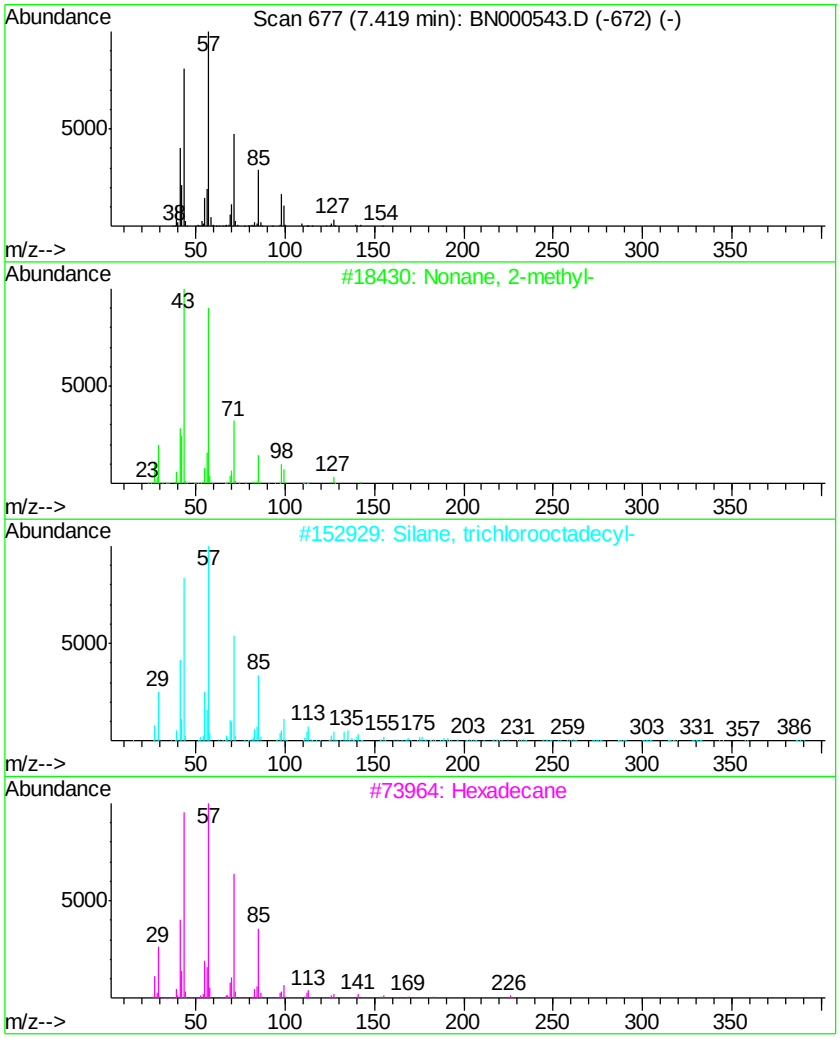
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

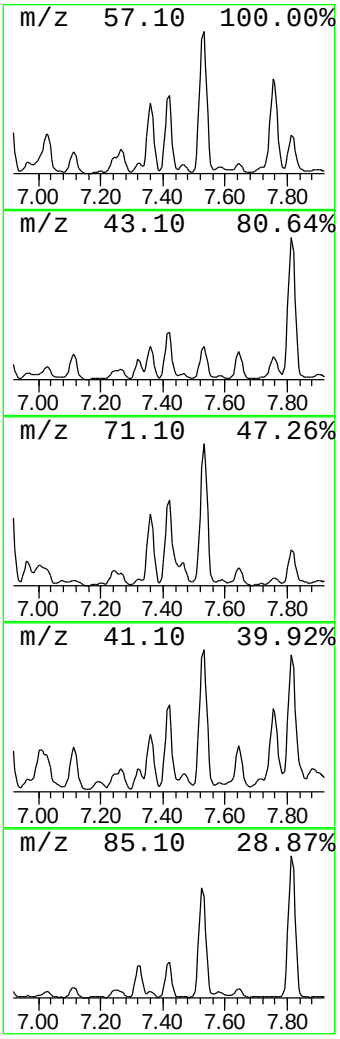
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	19.34 ng/ul	1820140	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	81
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	Eicosane	282	C20H42	000112-95-8	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

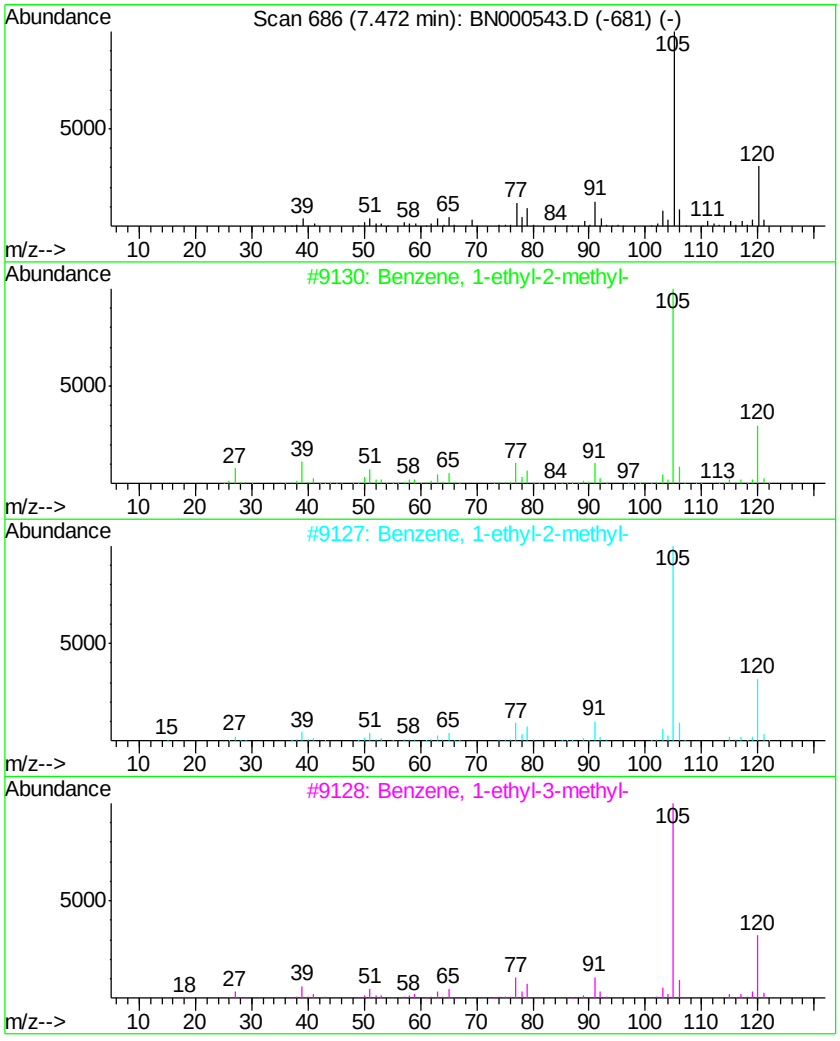
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

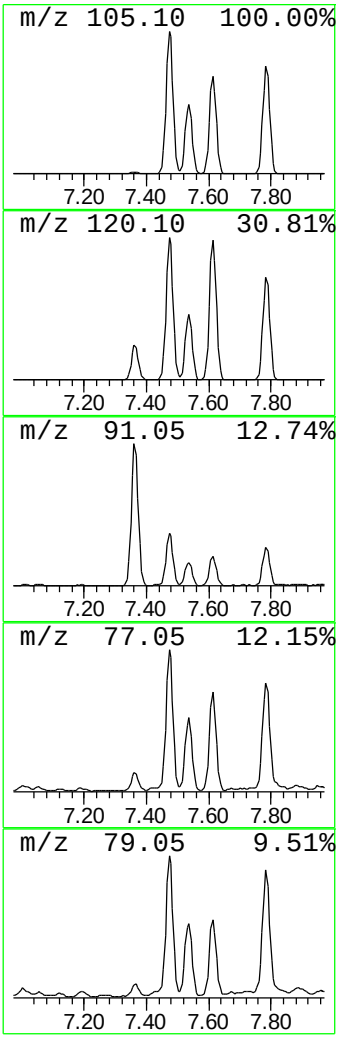
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	19.74 ng/ul	1857860	1,4-Dichlorobenzene-d4	8.42

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





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

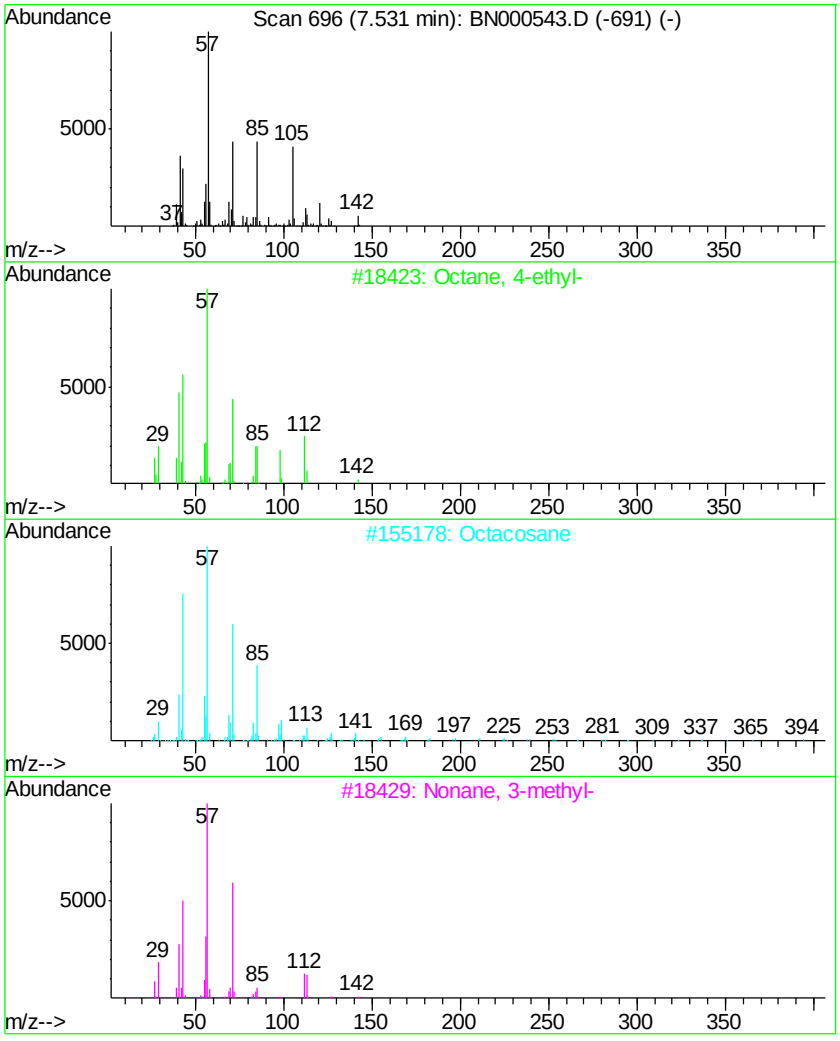
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

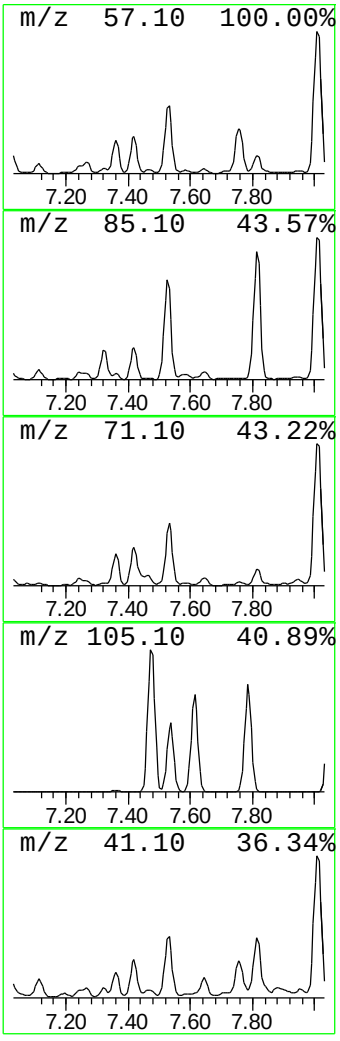
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	42.76 ng/ul	4023840	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
2	Octacosane	394	C28H58	000630-02-4	47
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	45
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	43





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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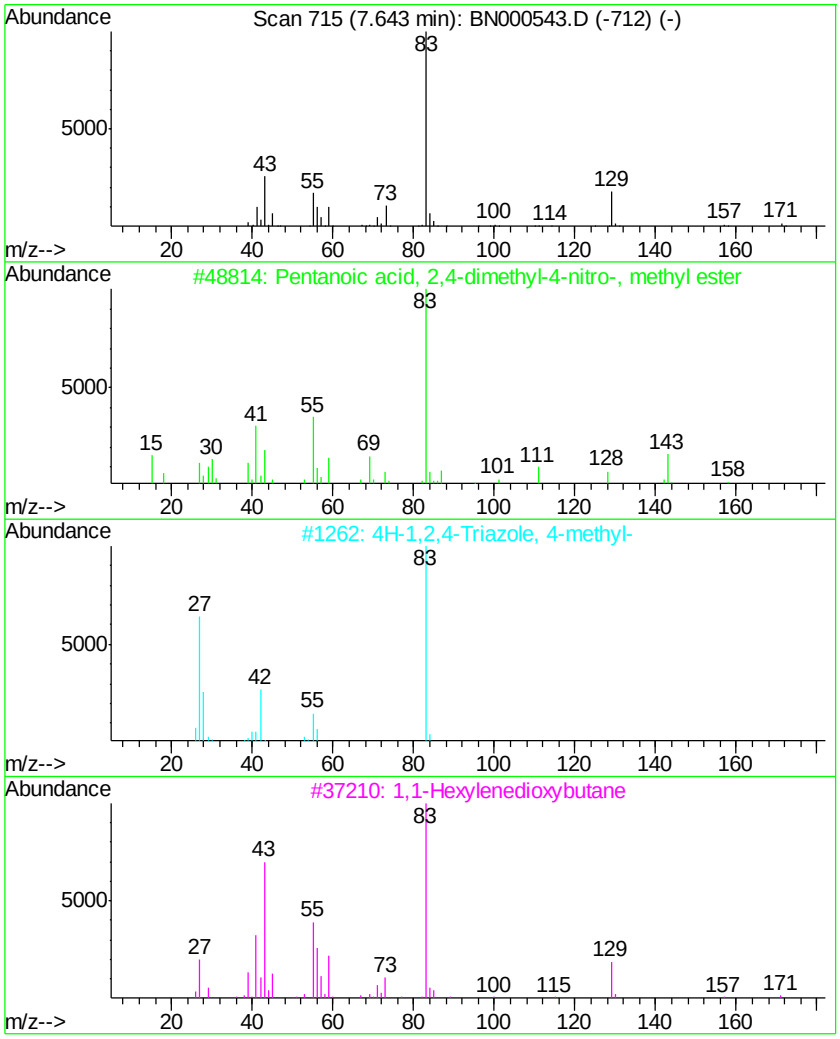
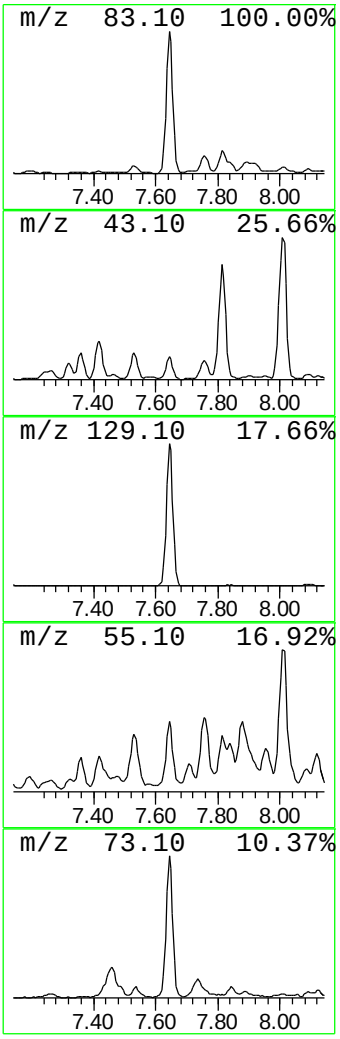
Peak Number 9 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	18.49 ng/ul	1740150	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	40
2	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	36
3	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	27
4	N-Nitro-1H-1,2,4-triazol-3-amine	129	C2H3N5O2	034815-01-5	9
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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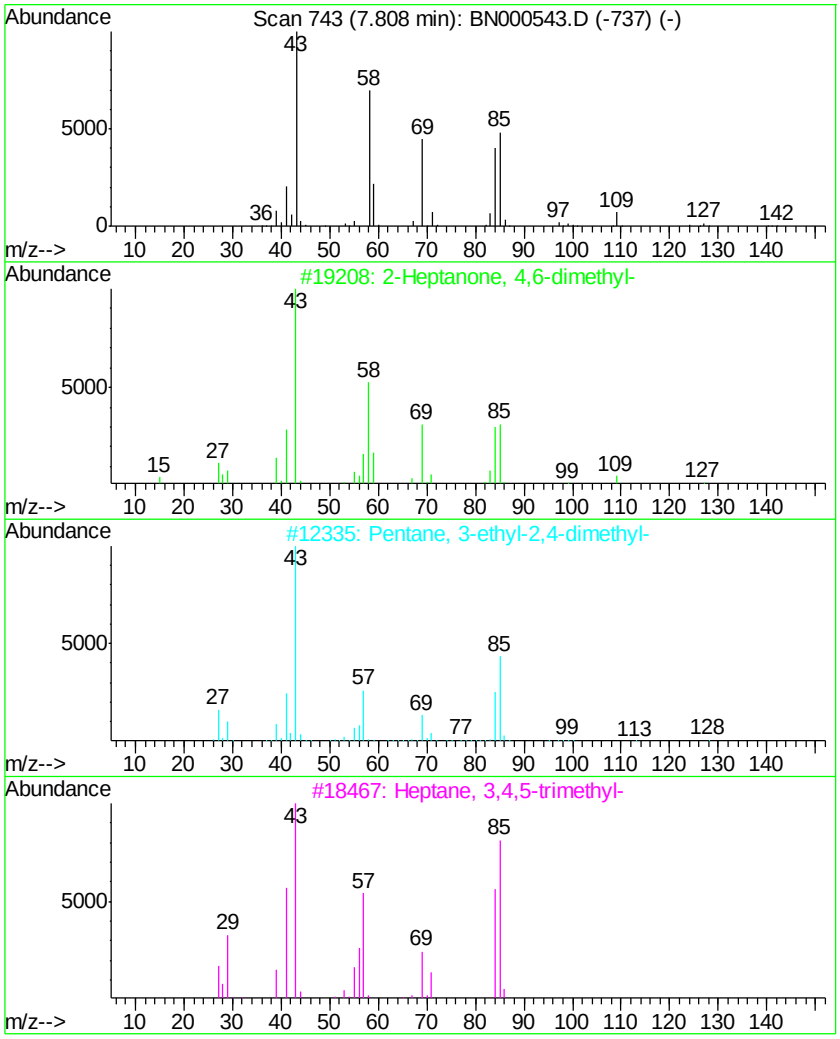
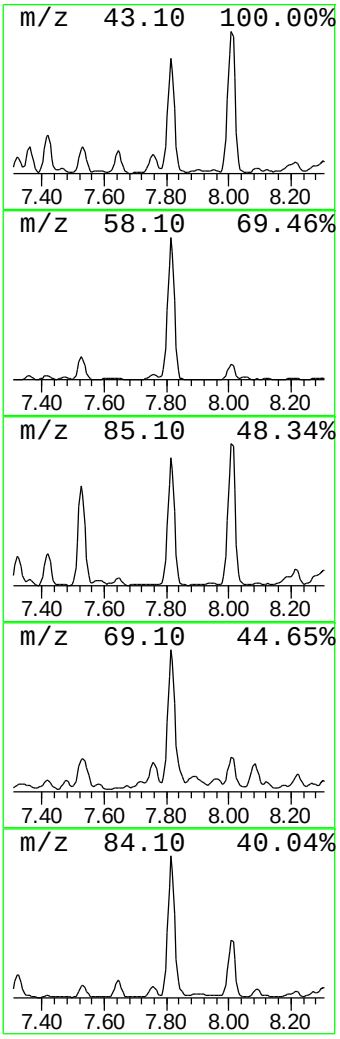
Peak Number 10 2-Heptanone, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	60.90 ng/ul	5730570	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	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	38
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	35





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Sample : J1905-17DL 10X
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

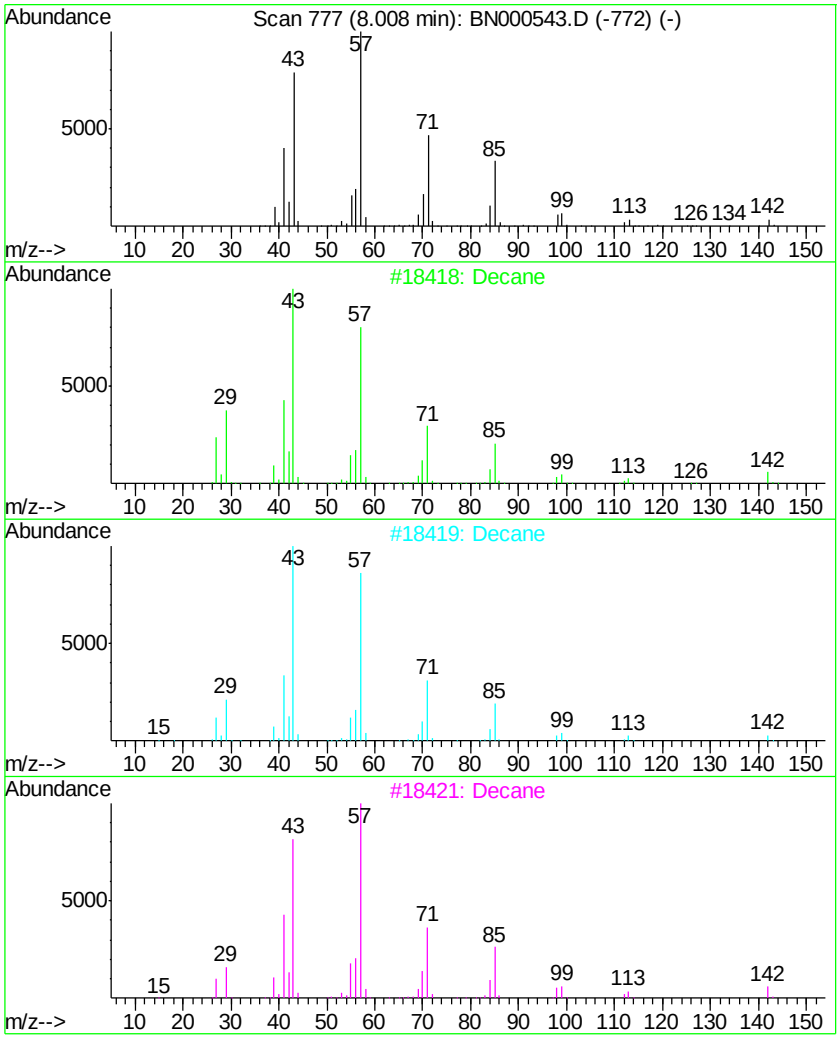
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

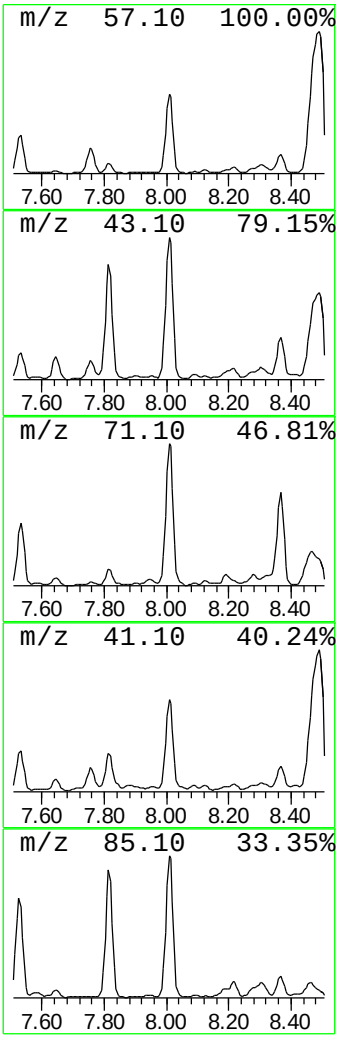
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	75.09 ng/ul	7066420	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	94
3	Decane	142	C10H22	000124-18-5	90
4	Tetradecane	198	C14H30	000629-59-4	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	20.49 ng/ul	1927880	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
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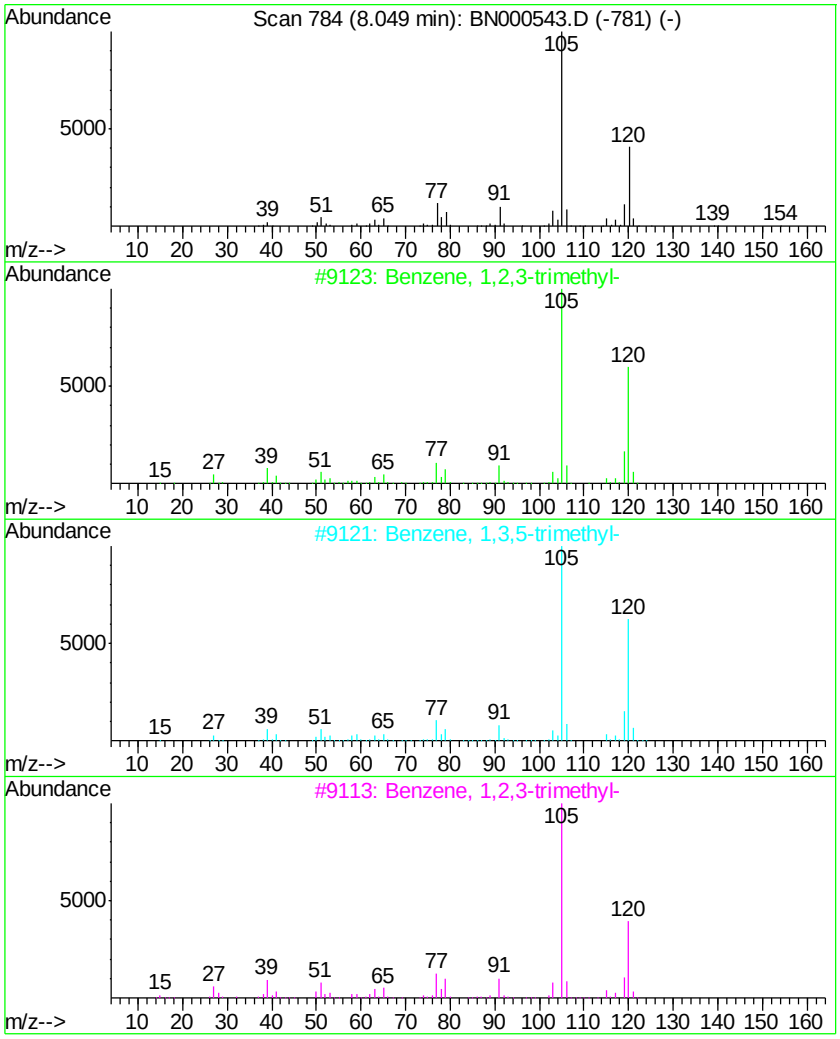

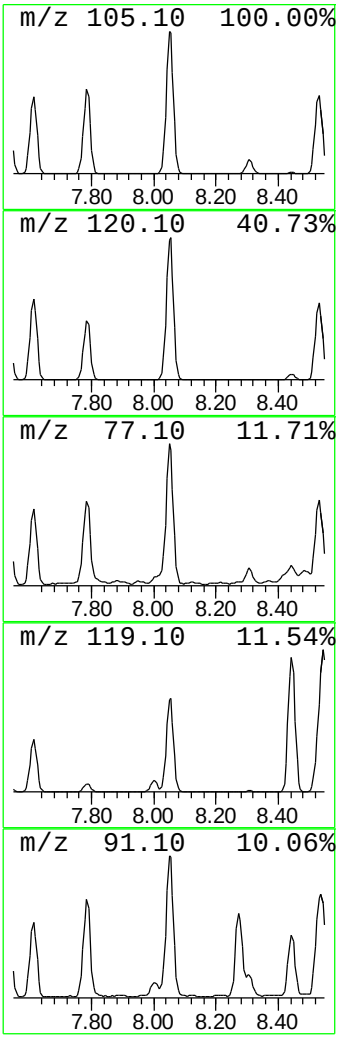

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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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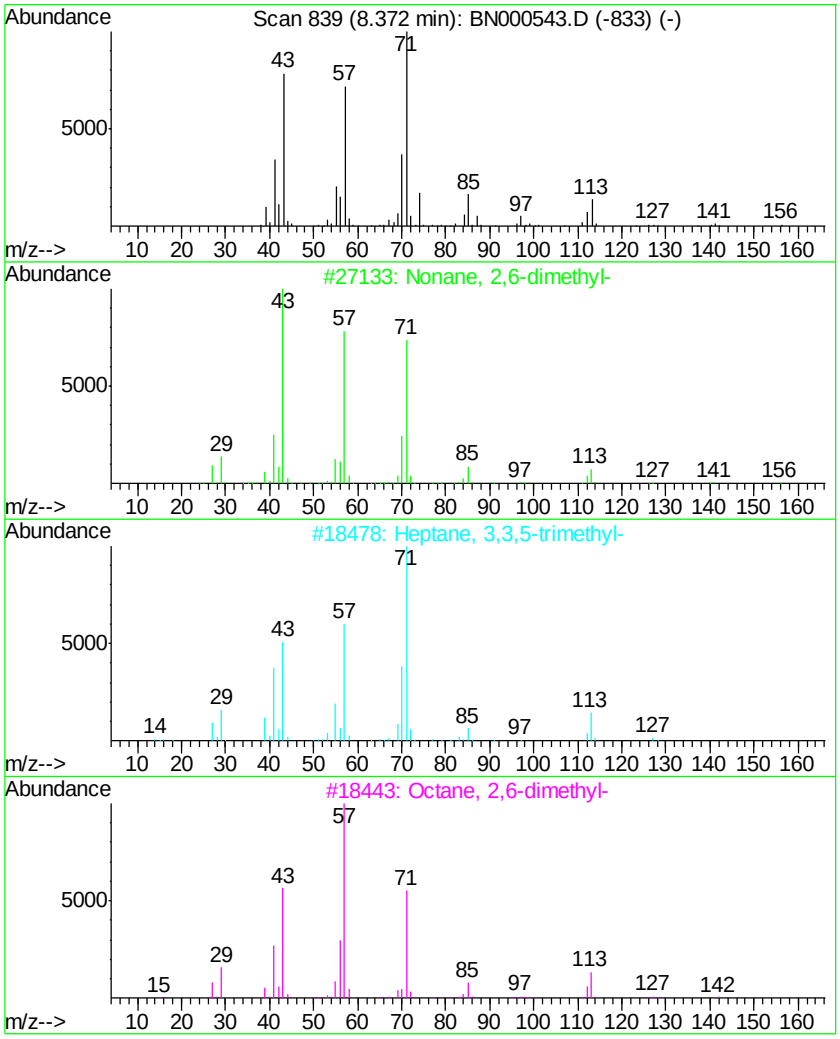
Quant Title : SVOA CALIBRATION

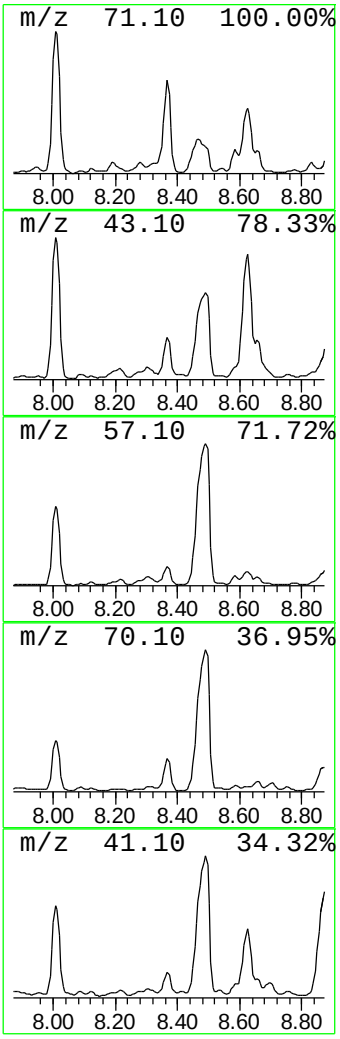
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
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	1882070	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	90
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	64





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Quant Title : SVOA CALIBRATION

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

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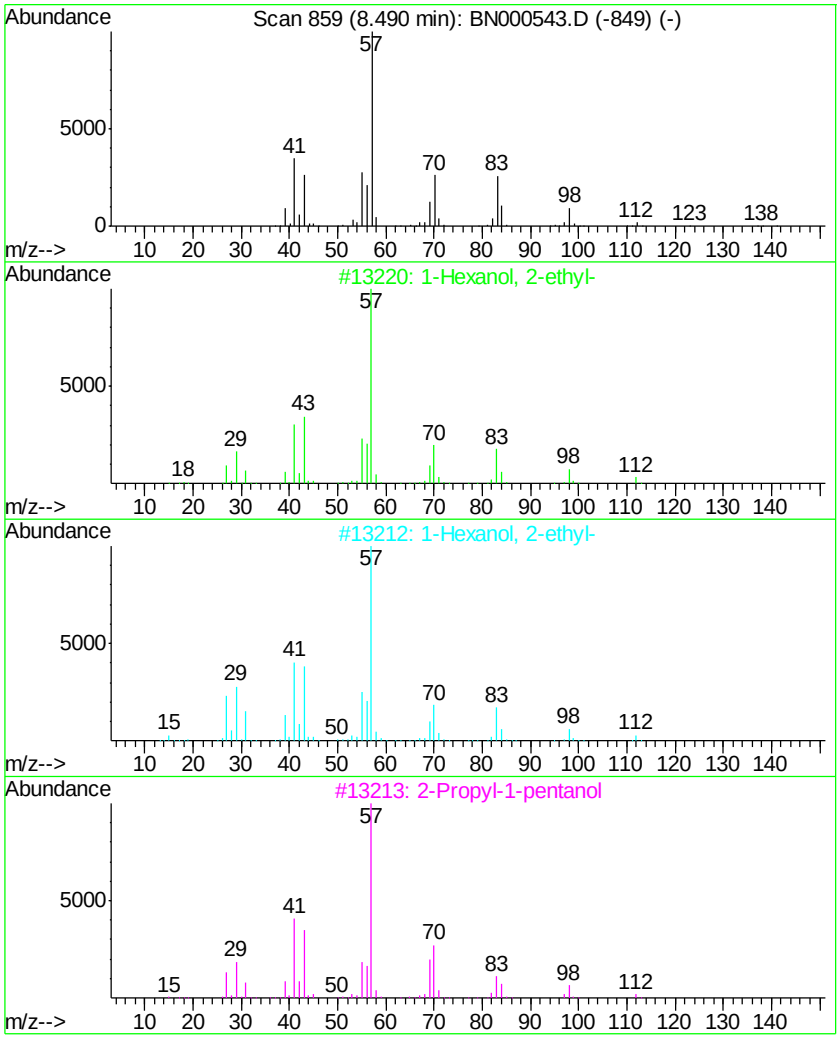
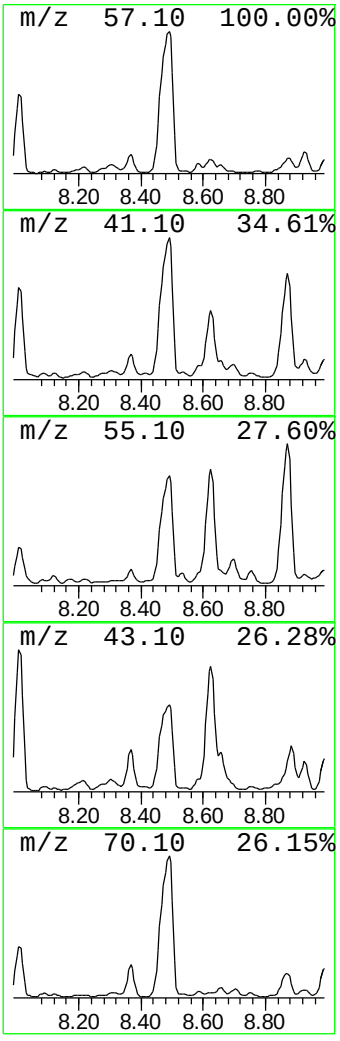
Peak Number 14 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	156.57 ng/ul	14734100	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	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





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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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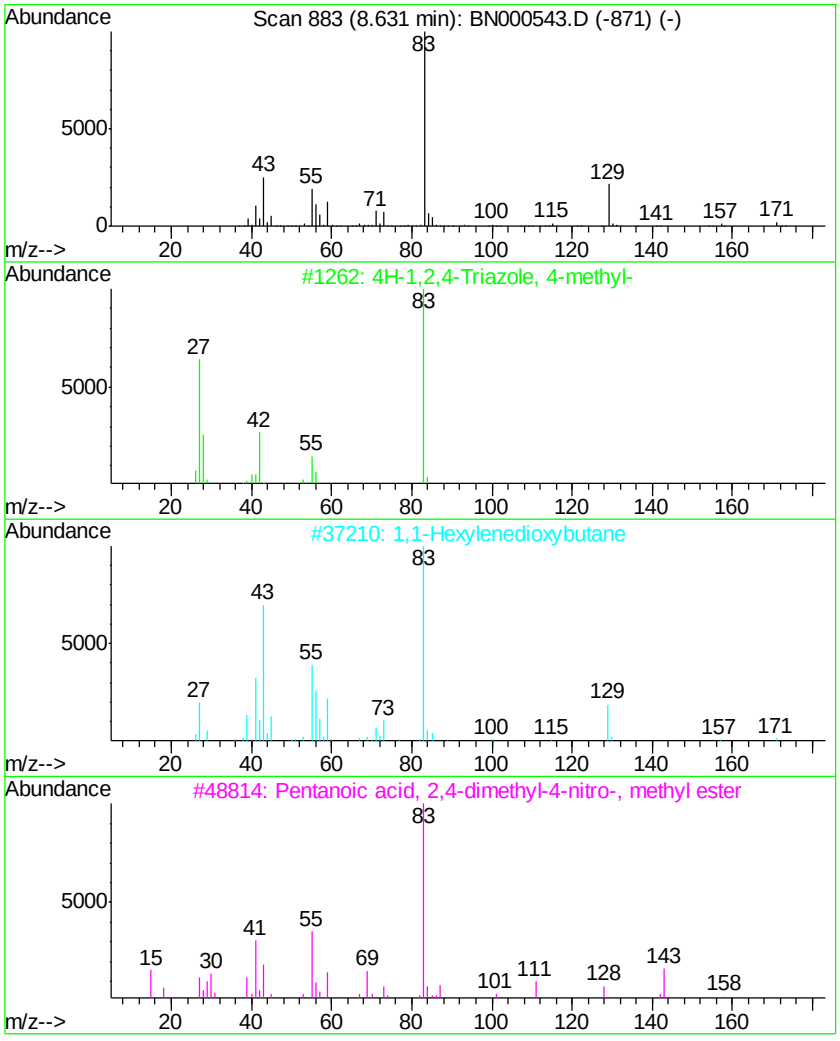
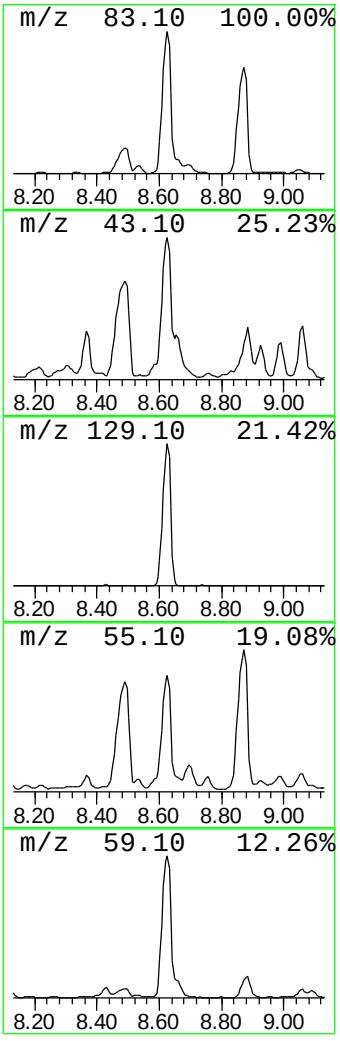
Peak Number 16 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	160.90 ng/ul	15141400	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	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	38
3	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
4	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
5	2-Butynoic acid, 4-[(tetrahydro-...	198	C10H14O4	069511-49-5	9





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Quant Title : SVOA CALIBRATION

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

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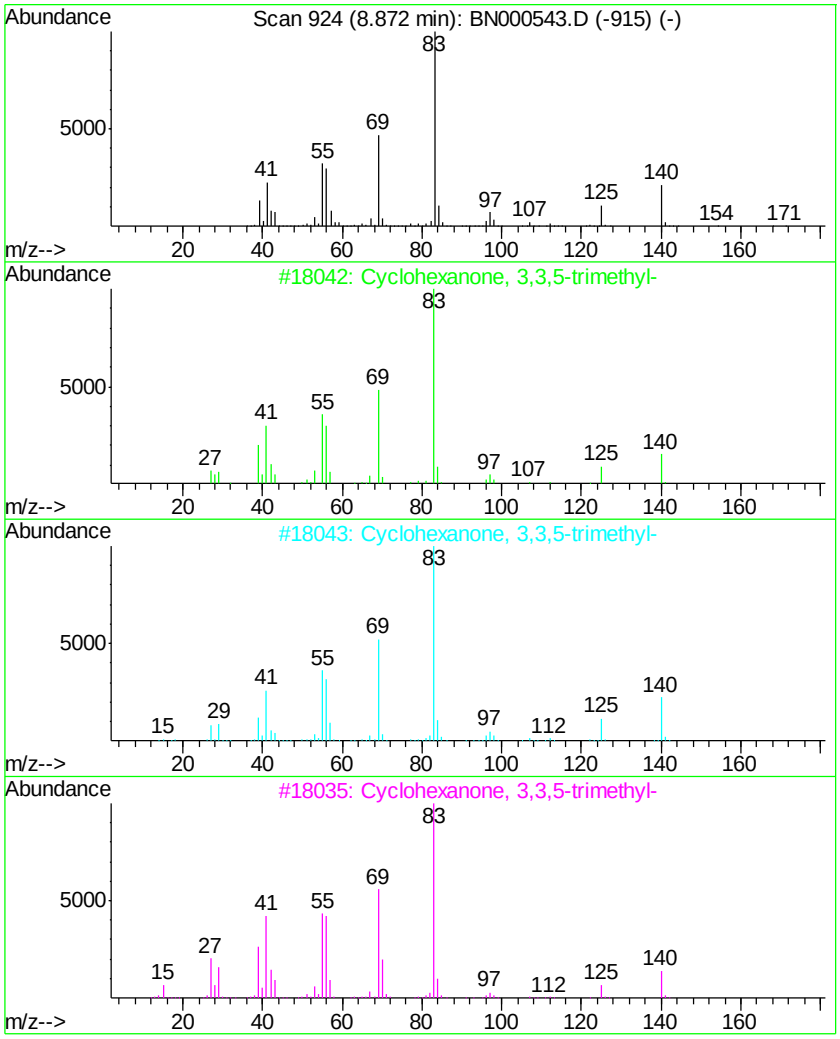
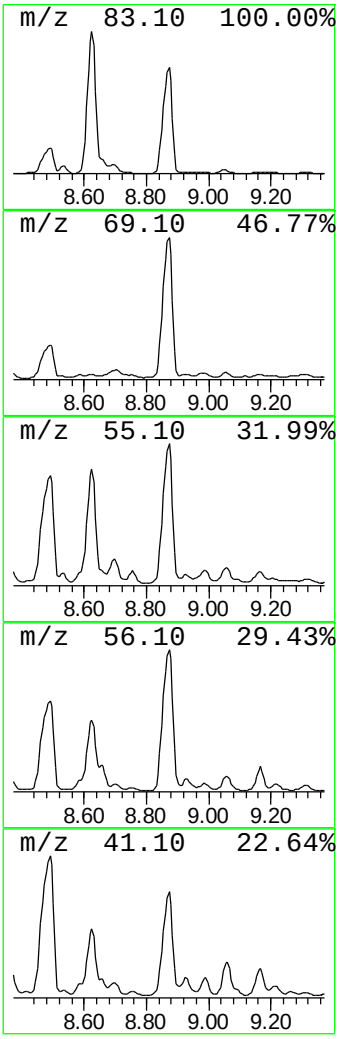
Peak Number 17 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	174.29 ng/ul	16401100	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
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	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	50





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Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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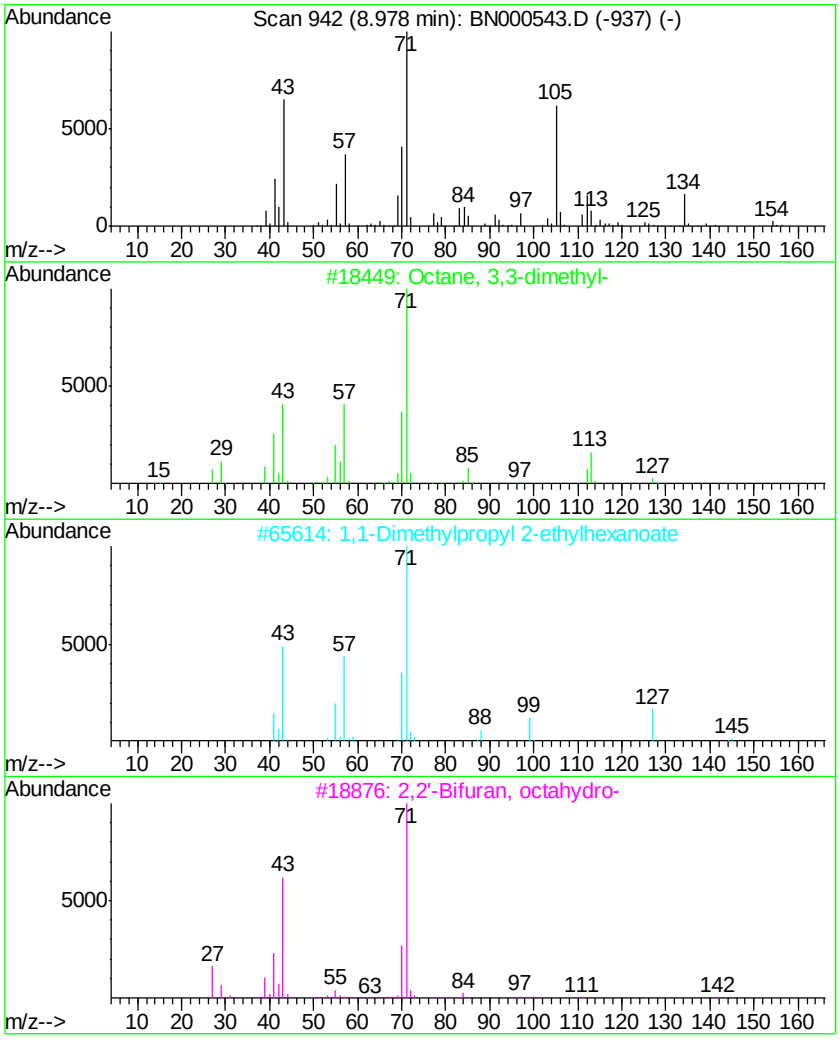
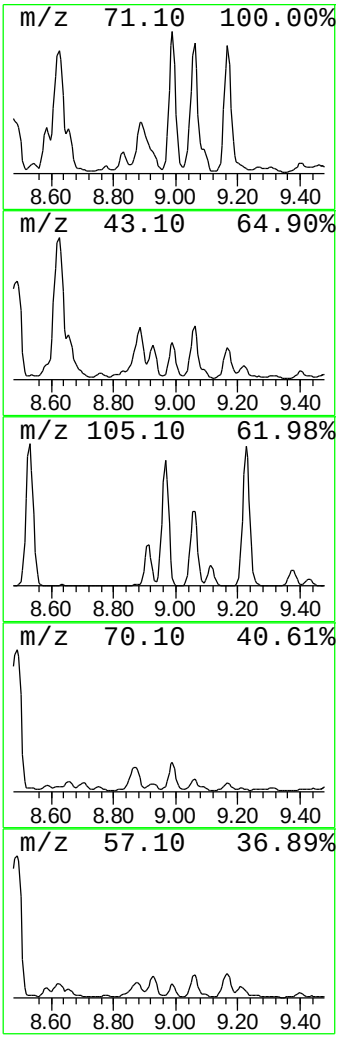
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	27.56 ng/ul	2593350	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	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	59
4	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
5	Decane, 4-methyl-	156	C11H24	002847-72-5	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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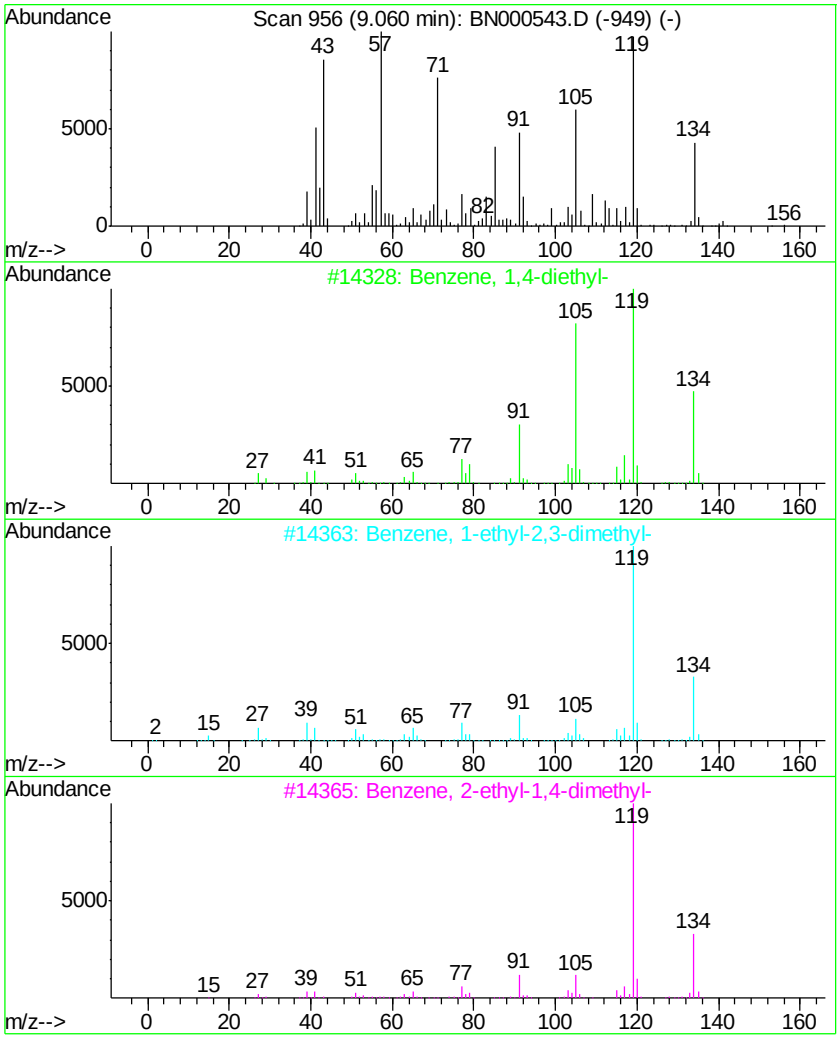
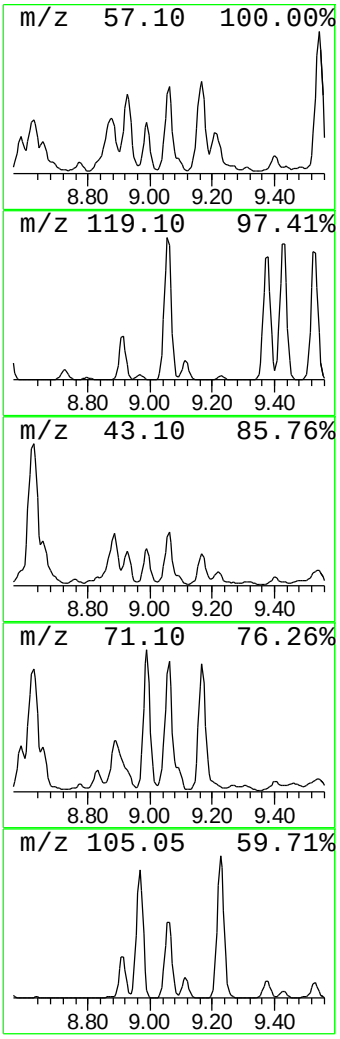
Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	60.23 ng/ul	5667640	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-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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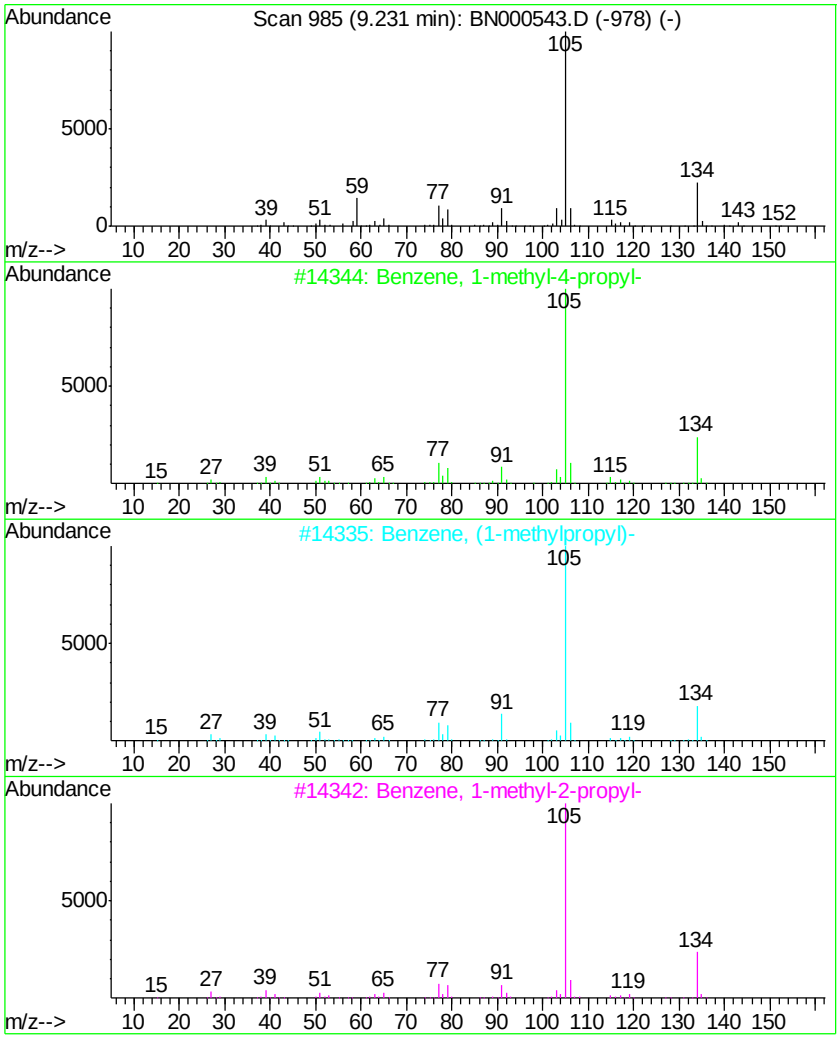
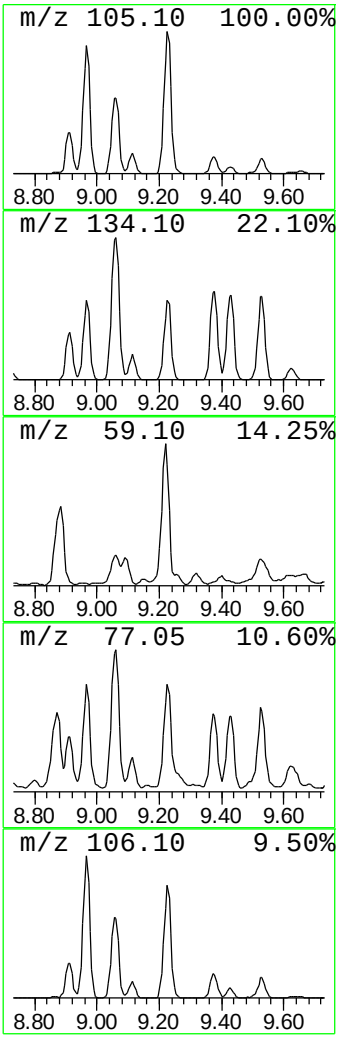
Peak Number 20 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	18.11 ng/ul	1704230	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	93
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





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Quant Title : SVOA CALIBRATION

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

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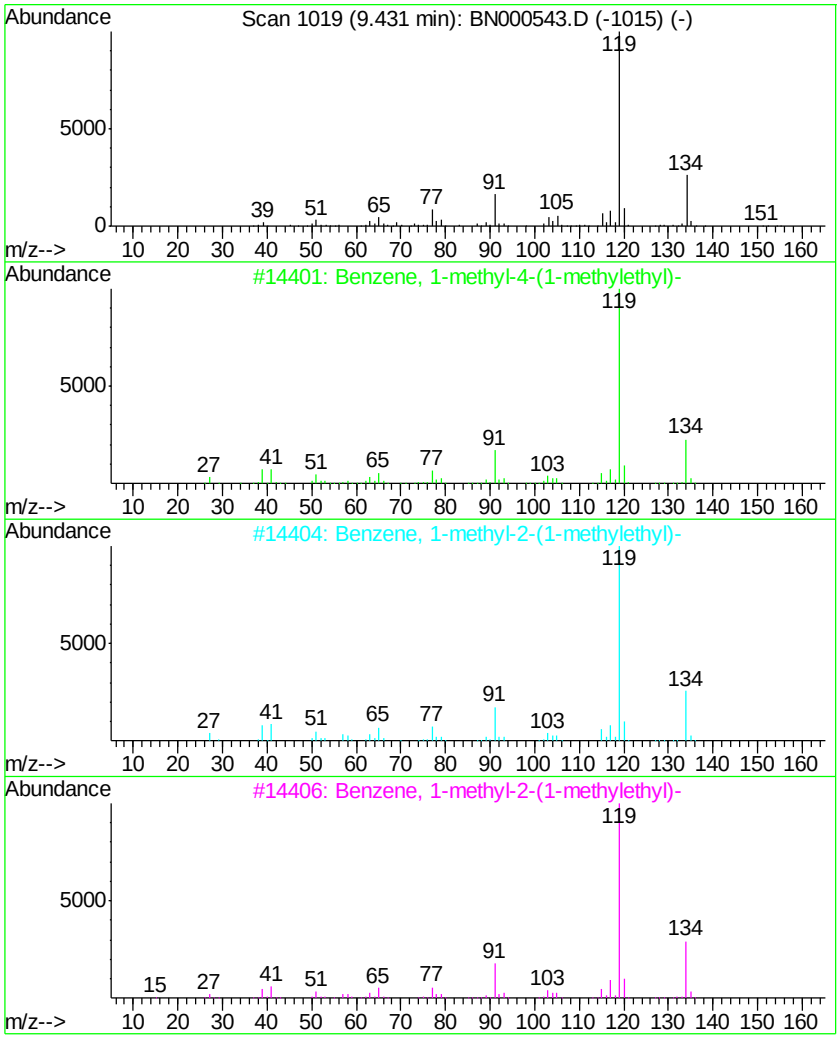
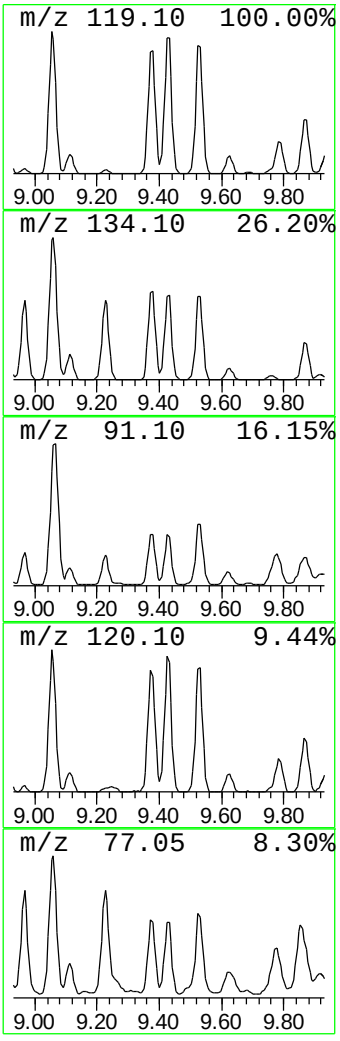
Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	14.81 ng/ul	1393660	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Sample : J1905-17DL 10X
Misc :
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Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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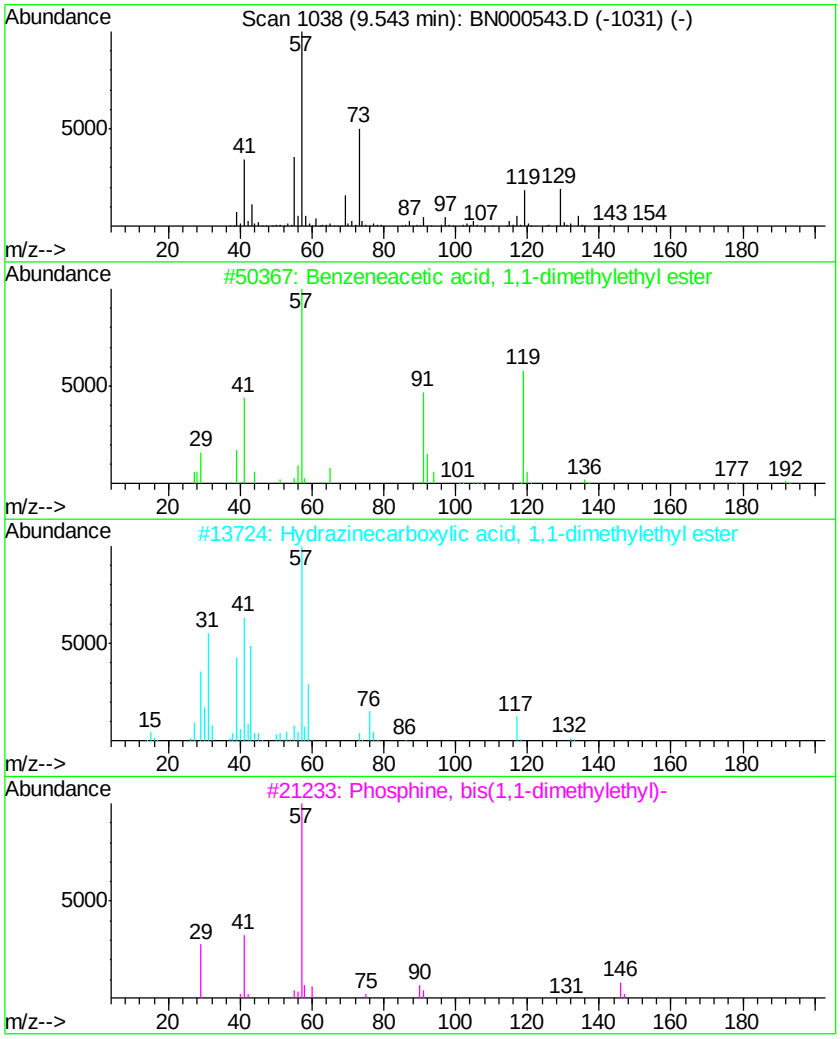
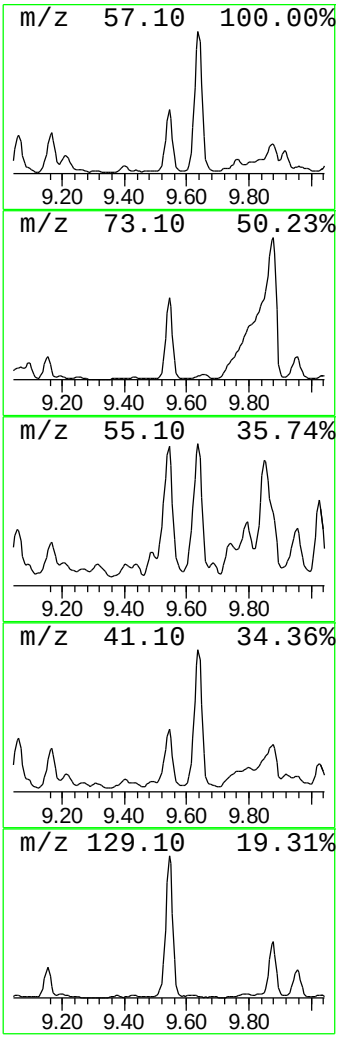
Peak Number 22 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	46.65 ng/ul	4390280	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 1,1-dimethyl...	192	C12H16O2	016537-09-0	23
2	Hydrazinecarboxylic acid, 1,1-di...	132	C5H12N2O2	000870-46-2	9
3	Phosphine, bis(1,1-dimethylethyl)-	146	C8H19P	000819-19-2	9
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	9
5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	9





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Quant Title : SVOA CALIBRATION

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

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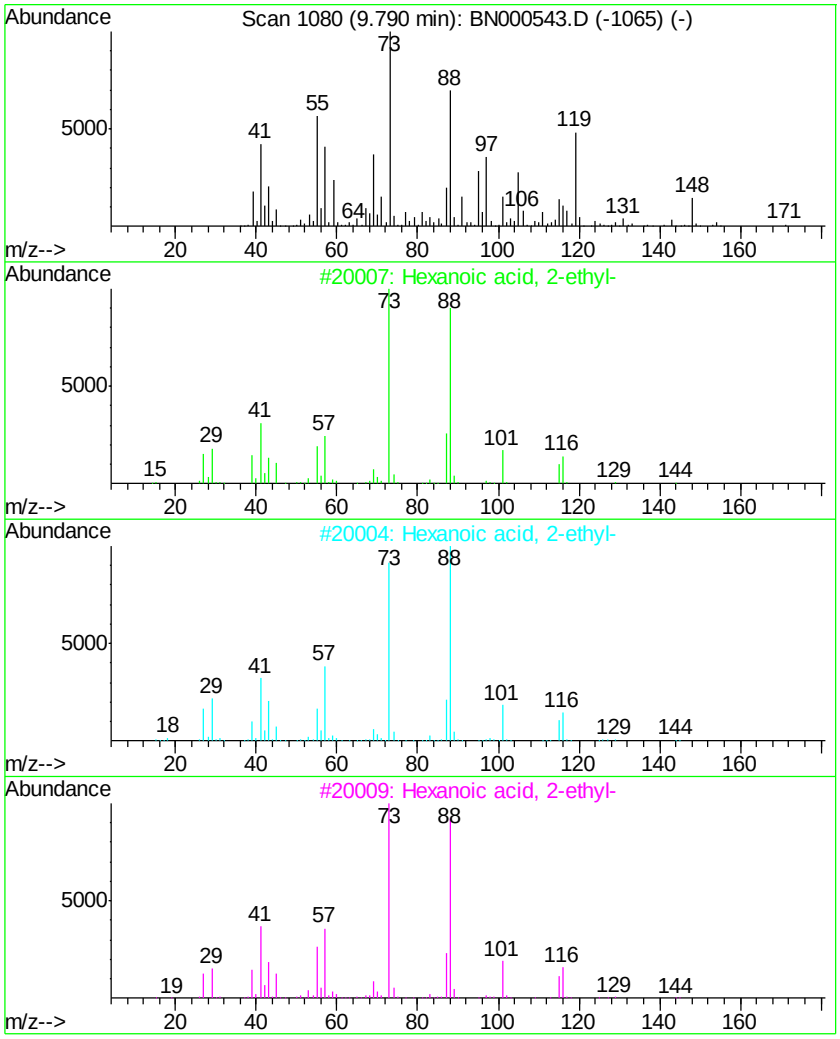
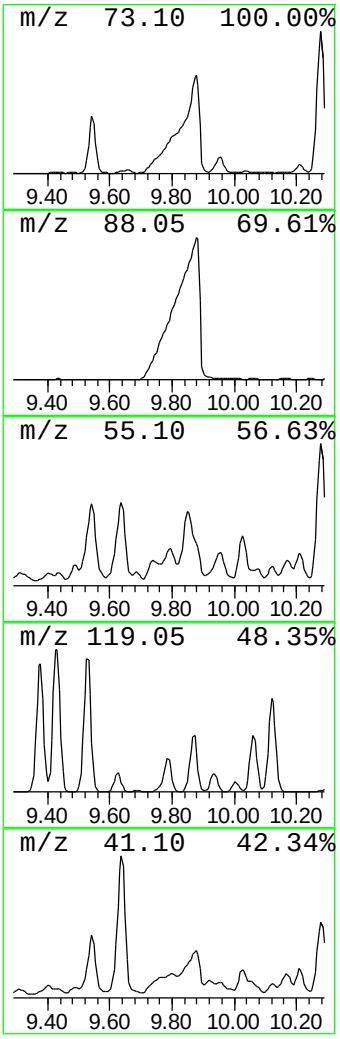
Peak Number 23 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	51.11 ng/ul	4810050	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	30
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	27
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	25
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	22





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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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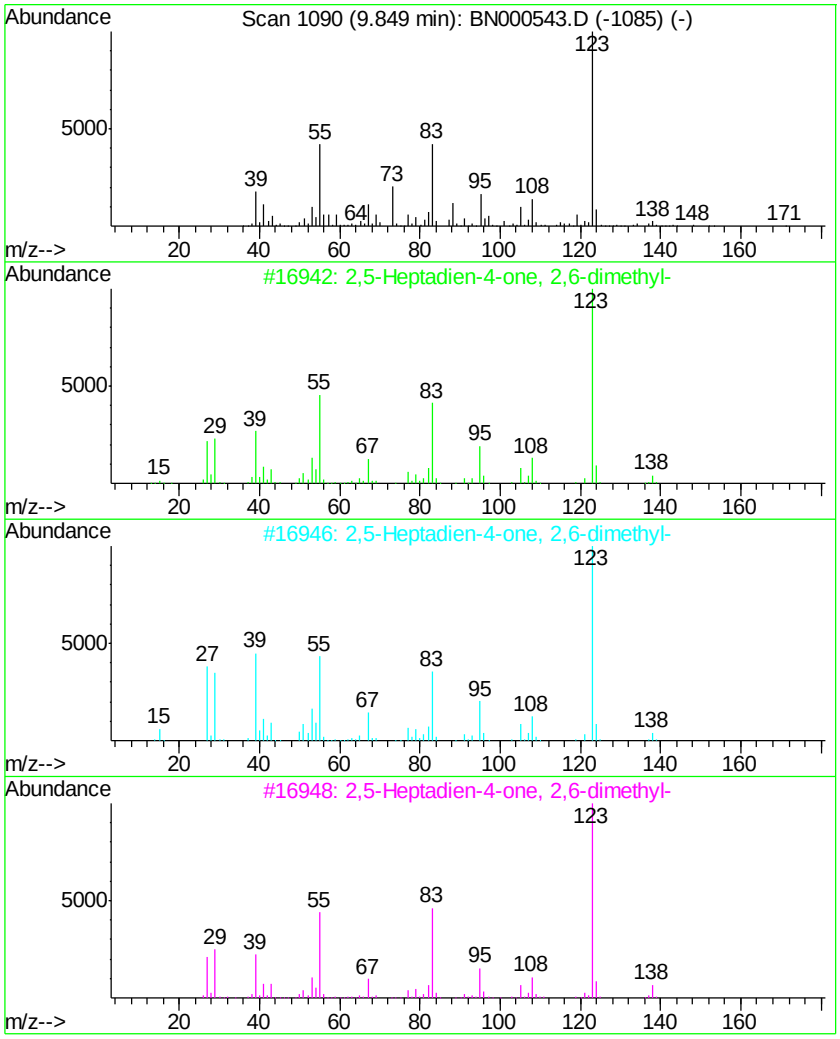
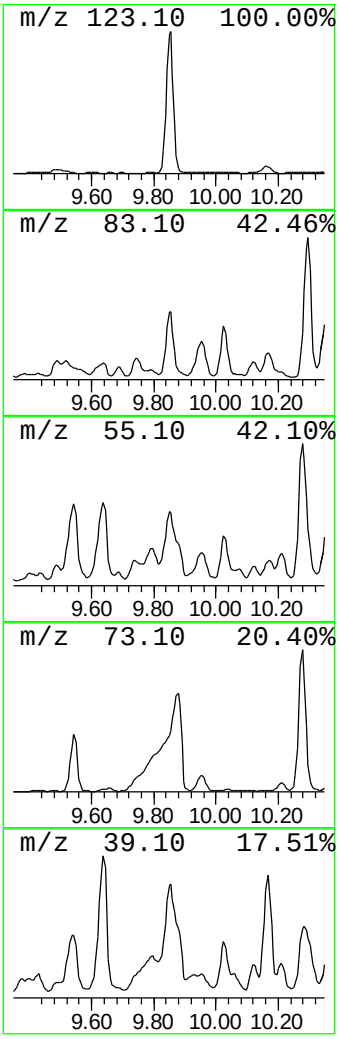
Peak Number 24 2,5-Heptadien-4-one, 2,6-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	59.14 ng/ul	6229340	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	76
2	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	60
3	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	58
4	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	38
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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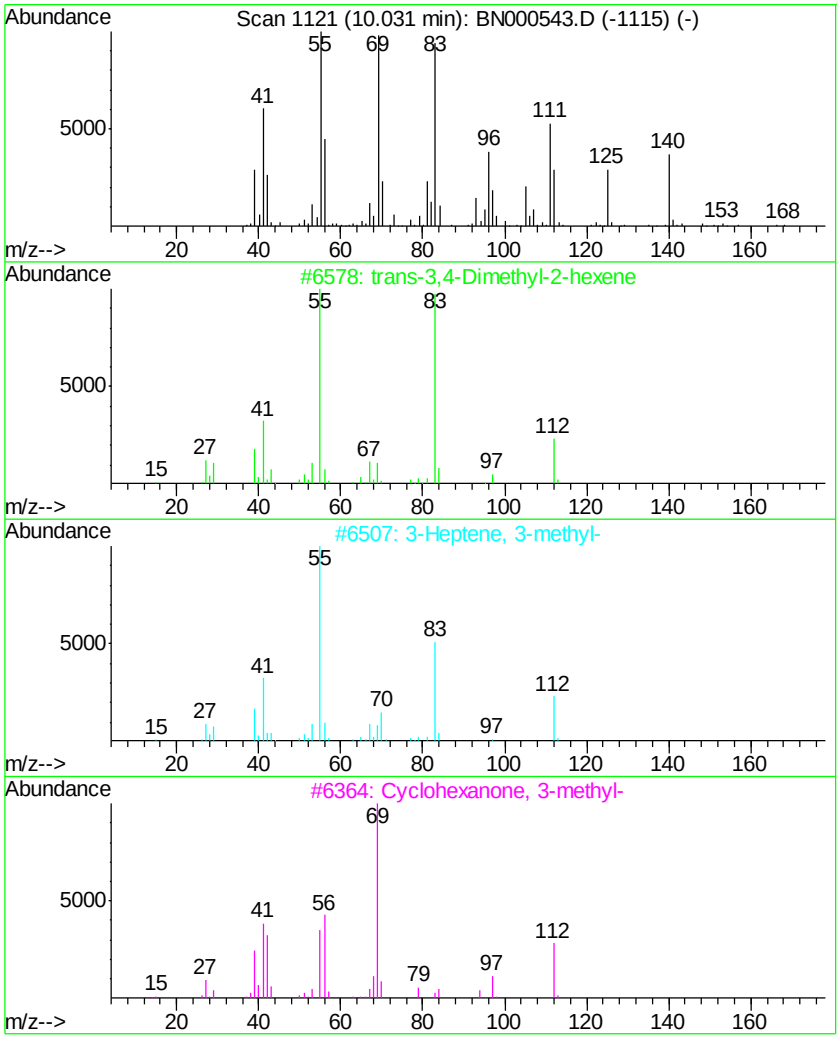
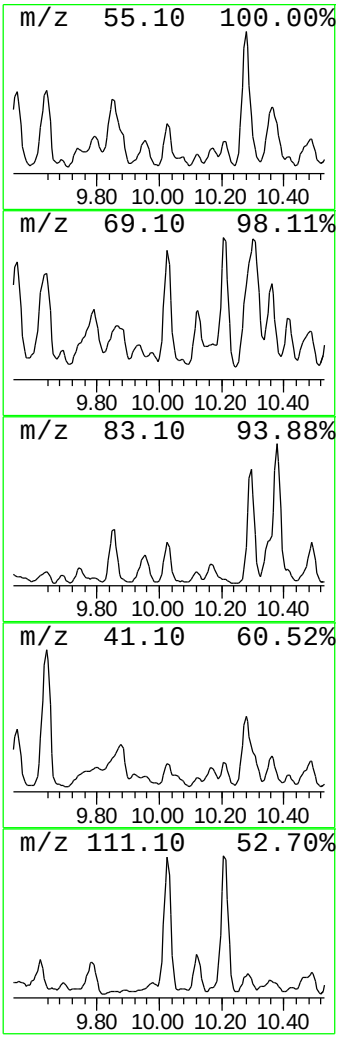
Peak Number 25 (DEL) Alkane: Cyclic10.03 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	14.18 ng/ul	1493250	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	35
2	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	35
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	25
4	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	25
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	18





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

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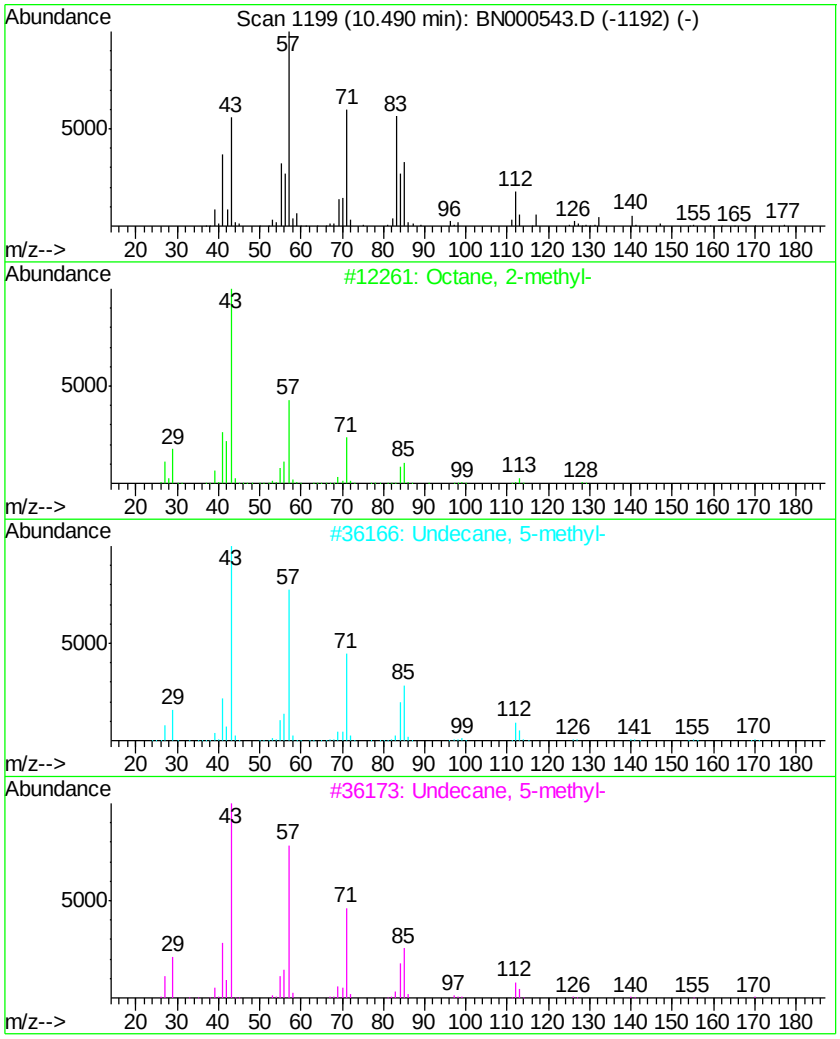
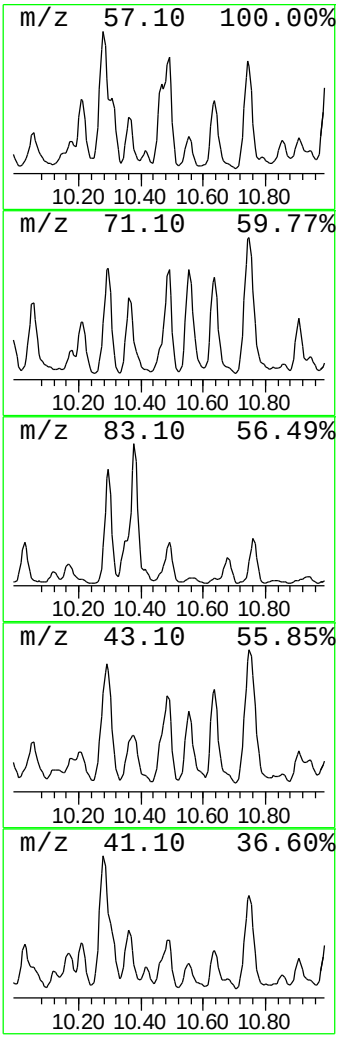
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	24.31 ng/ul	2560790	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	64
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	46
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	43





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Quant Title : SVOA CALIBRATION

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

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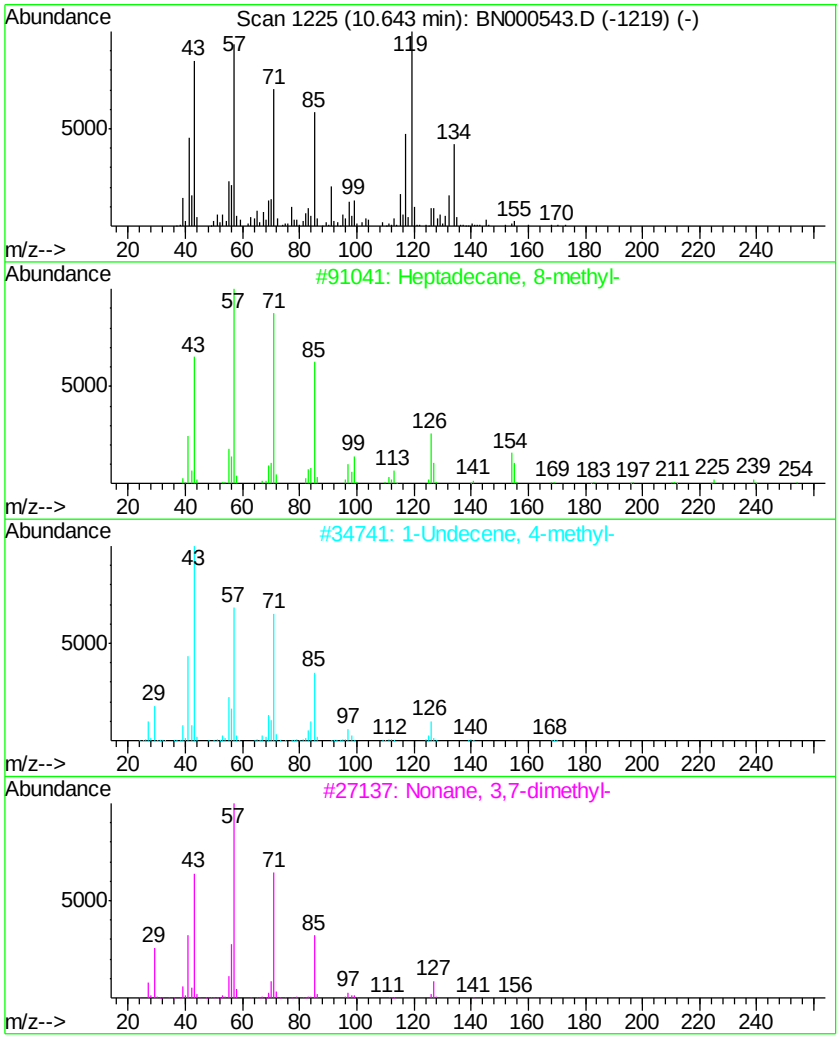
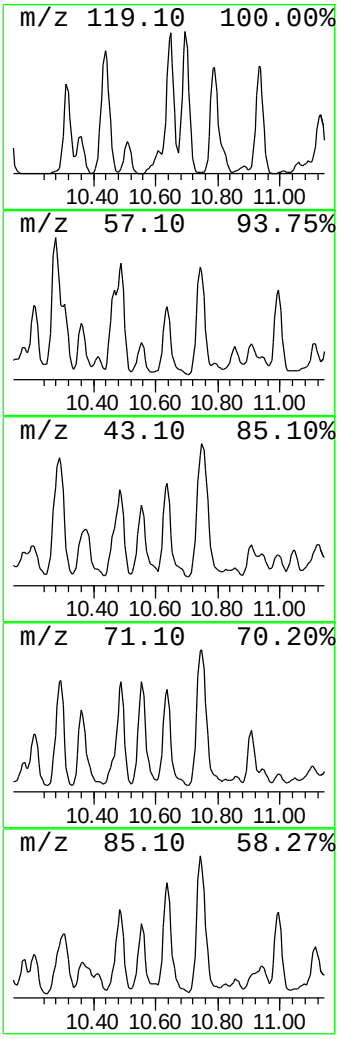
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	17.22 ng/ul	1814050	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	49
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	43
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	18
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	15





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Quant Title : SVOA CALIBRATION

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

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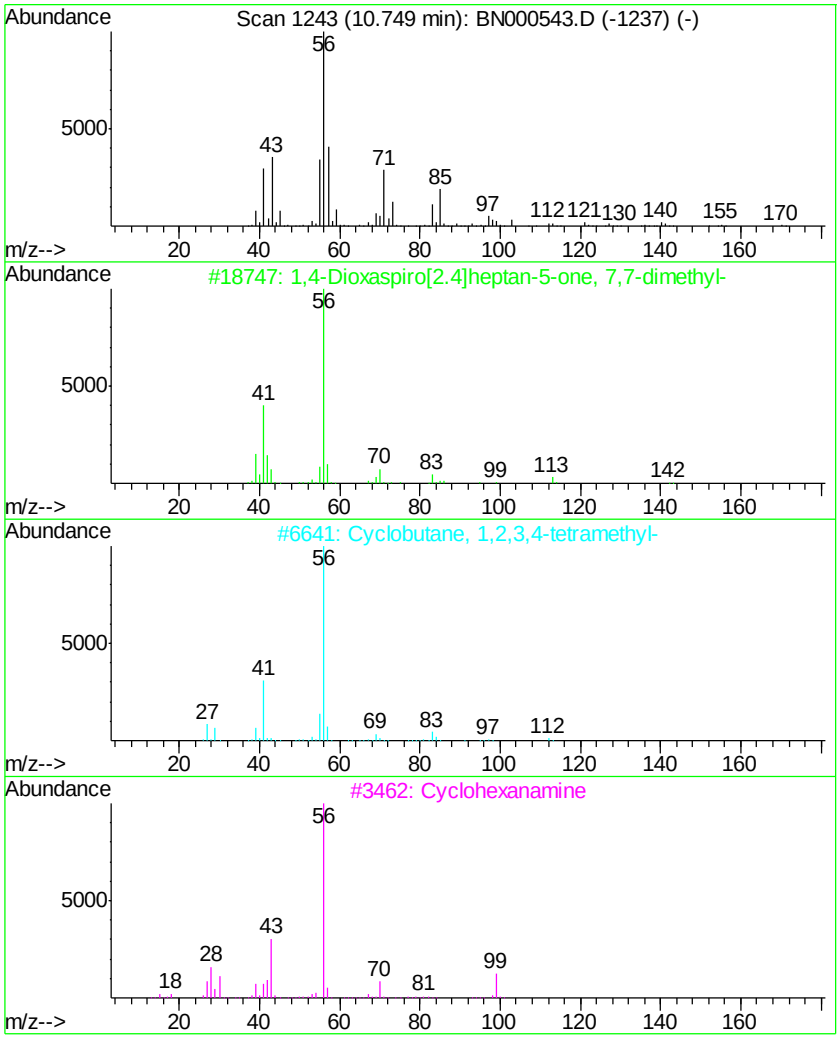
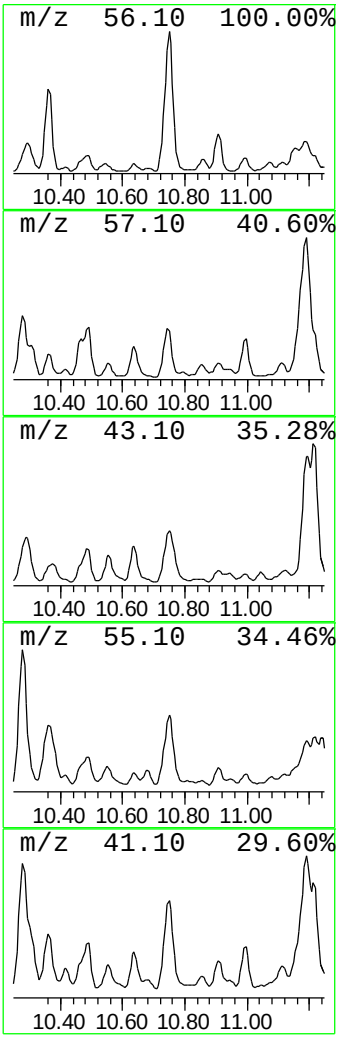
Peak Number 28 1,4-Dioxaspiro[2.4]heptan-5... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	38.38 ng/ul	4042550	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[2.4]heptan-5-one,...	142	C7H10O3	126091-79-0	52
2	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	43
3	Cyclohexanamine	99	C6H13N	000108-91-8	43
4	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	38
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38





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Quant Title : SVOA CALIBRATION

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

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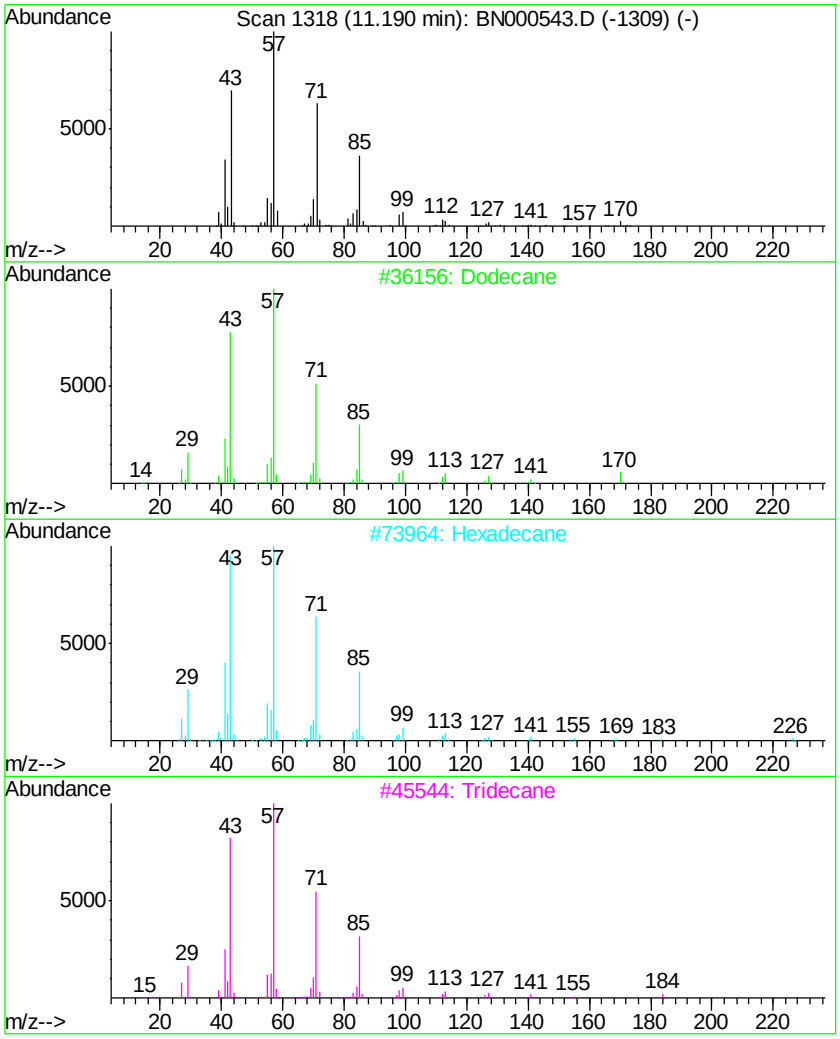
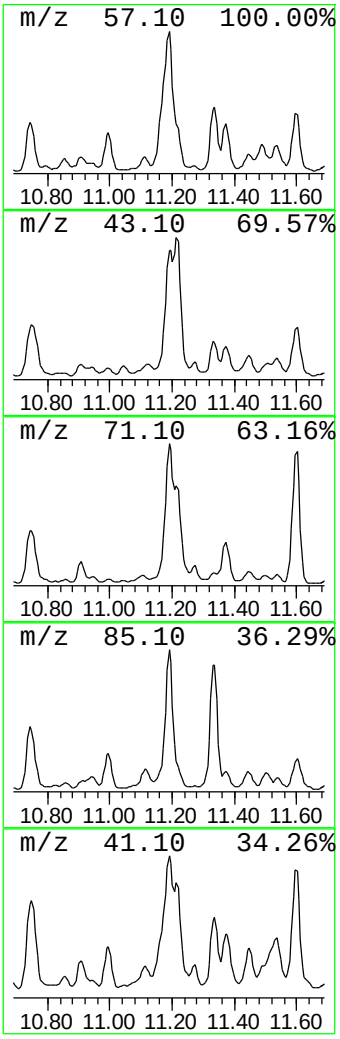
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	59.24 ng/ul	6240480	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

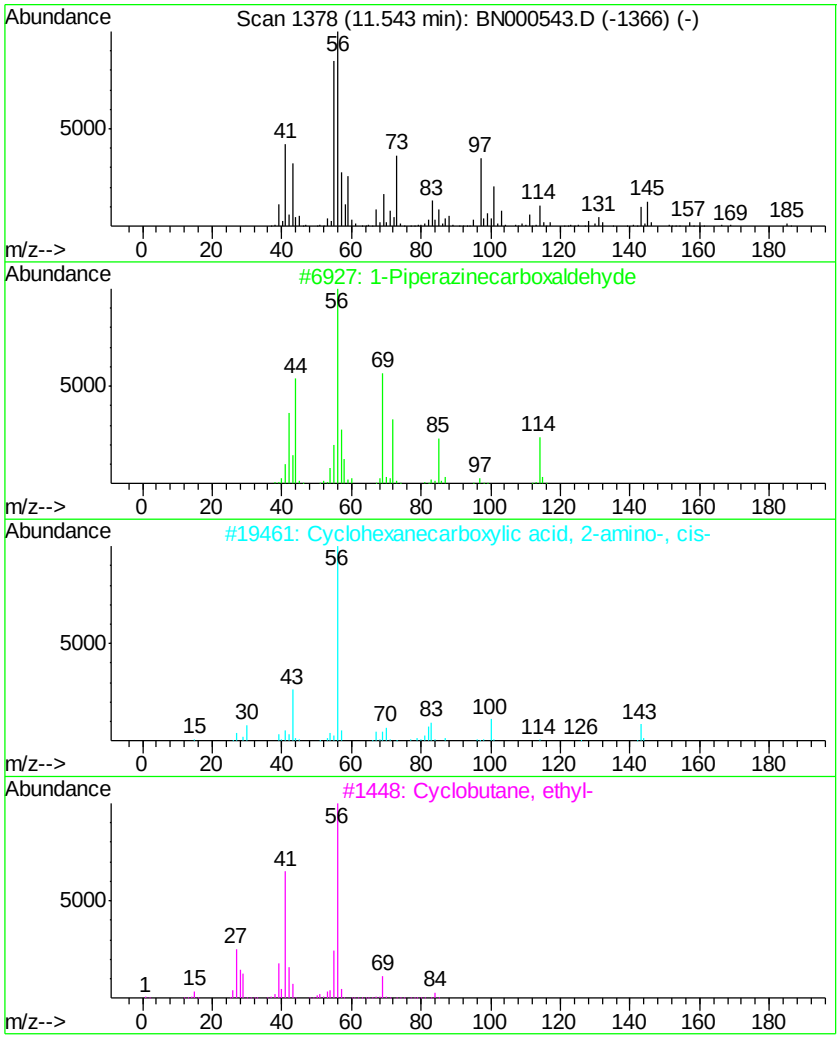
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

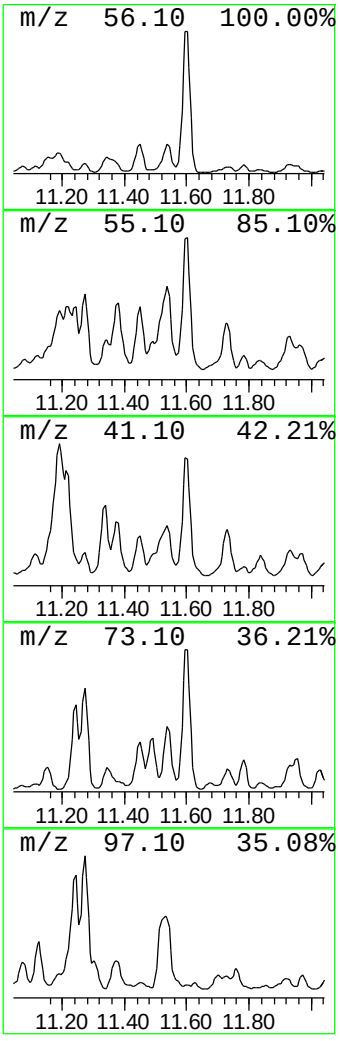
****

Peak Number 30 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	24.23 ng/ul	2552160	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperazinecarboxaldehyde	114	C5H10N2O	007755-92-2	38
2	Cyclohexanecarboxylic acid, 2-am...	143	C7H13NO2	005691-20-3	30
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	27
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
5	n-Pentanol, 3-methyl-5-[1-cycloa...	143	C8H17NO	1000251-59-9	27





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

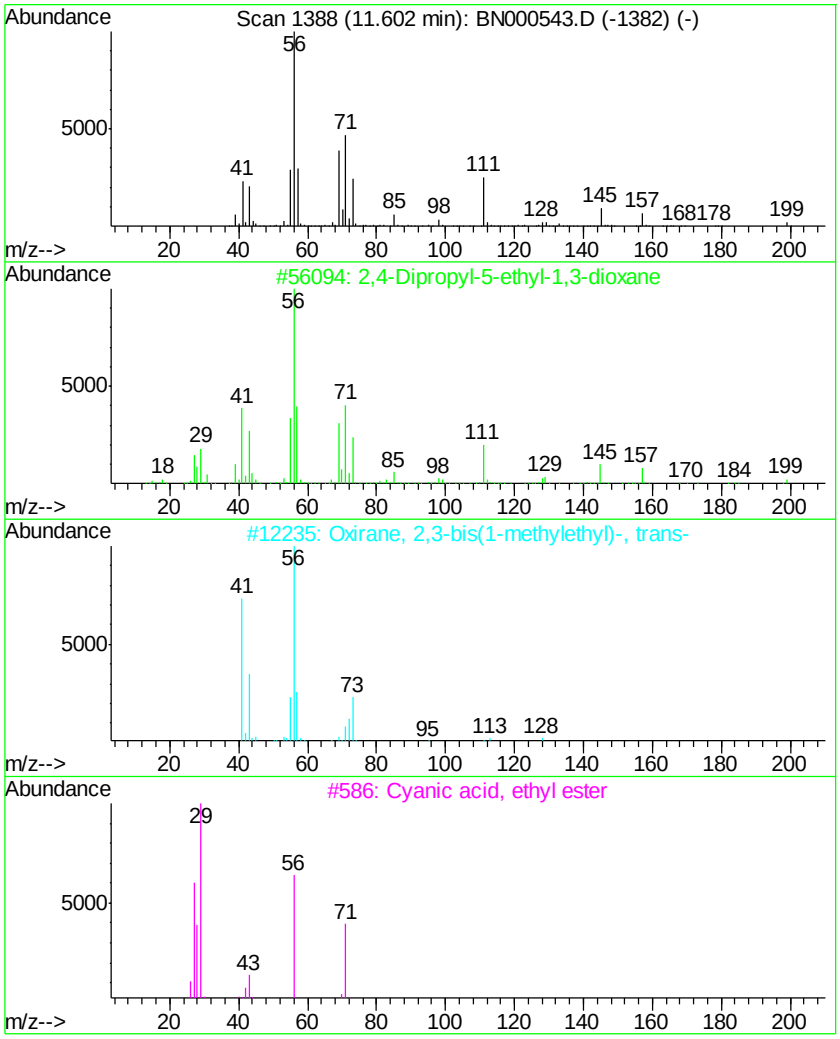
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

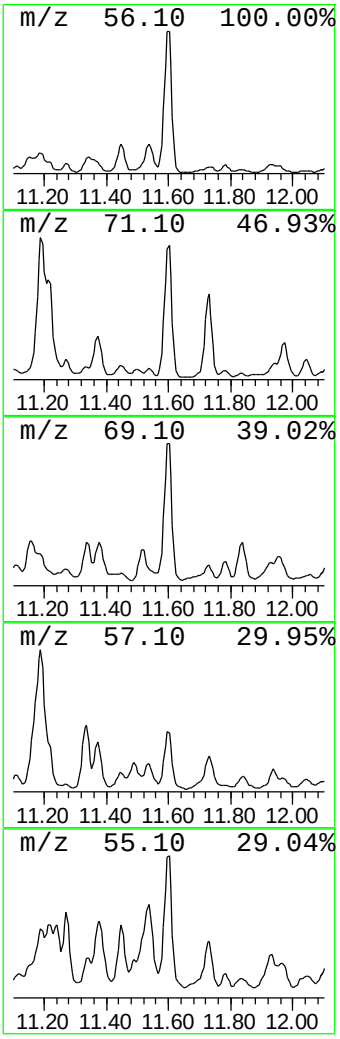
****

Peak Number 31 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	52.47 ng/ul	5527570	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	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
3	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	38
4	1-Decene, 2-methyl-	154	C11H22	013151-27-4	17
5	Cyclohexanamine	99	C6H13N	000108-91-8	12





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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

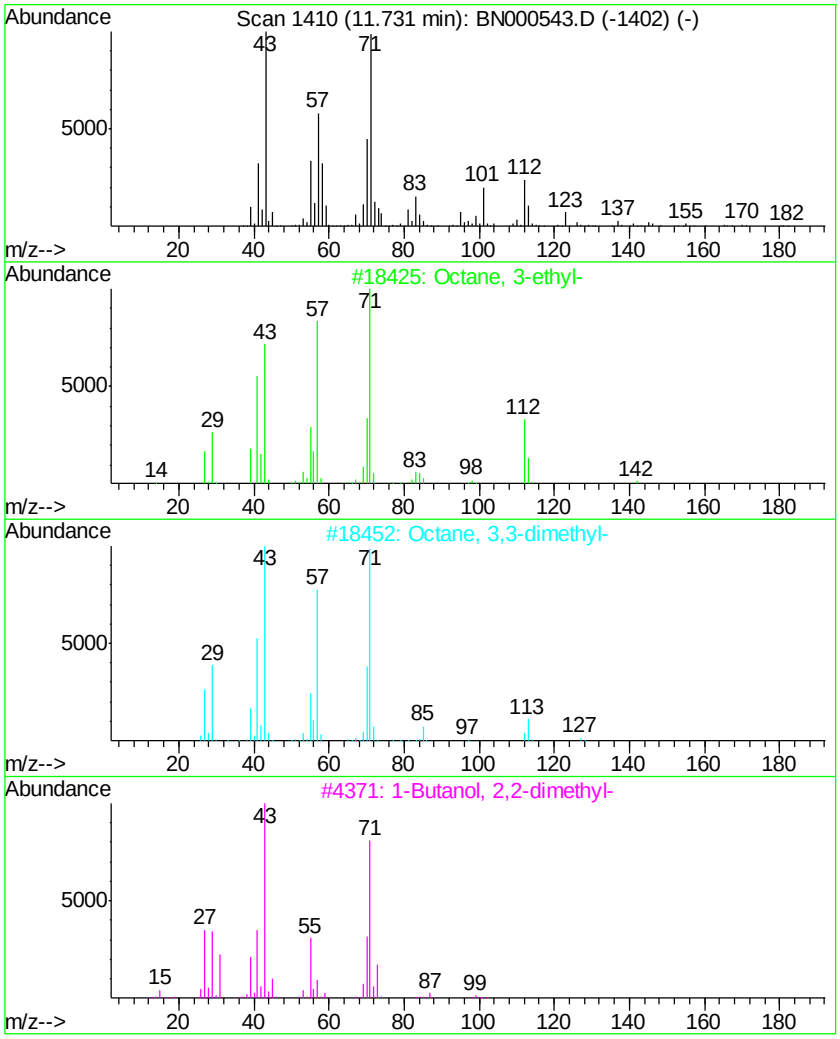
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

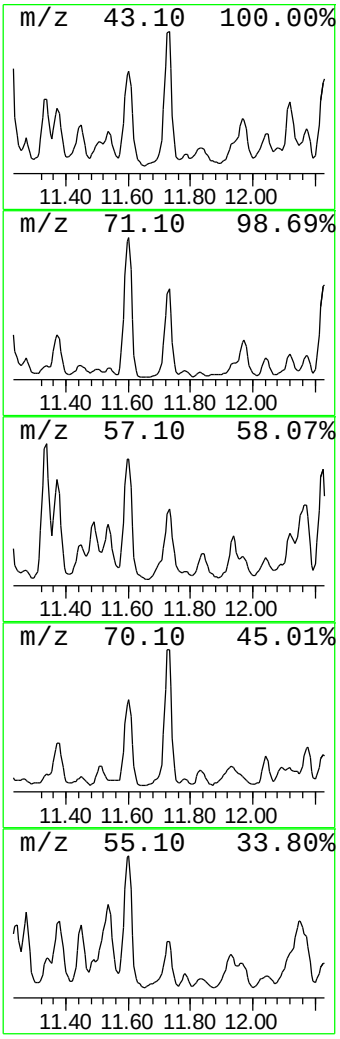
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	25.65 ng/ul	2702070	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	53
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
3	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	47
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

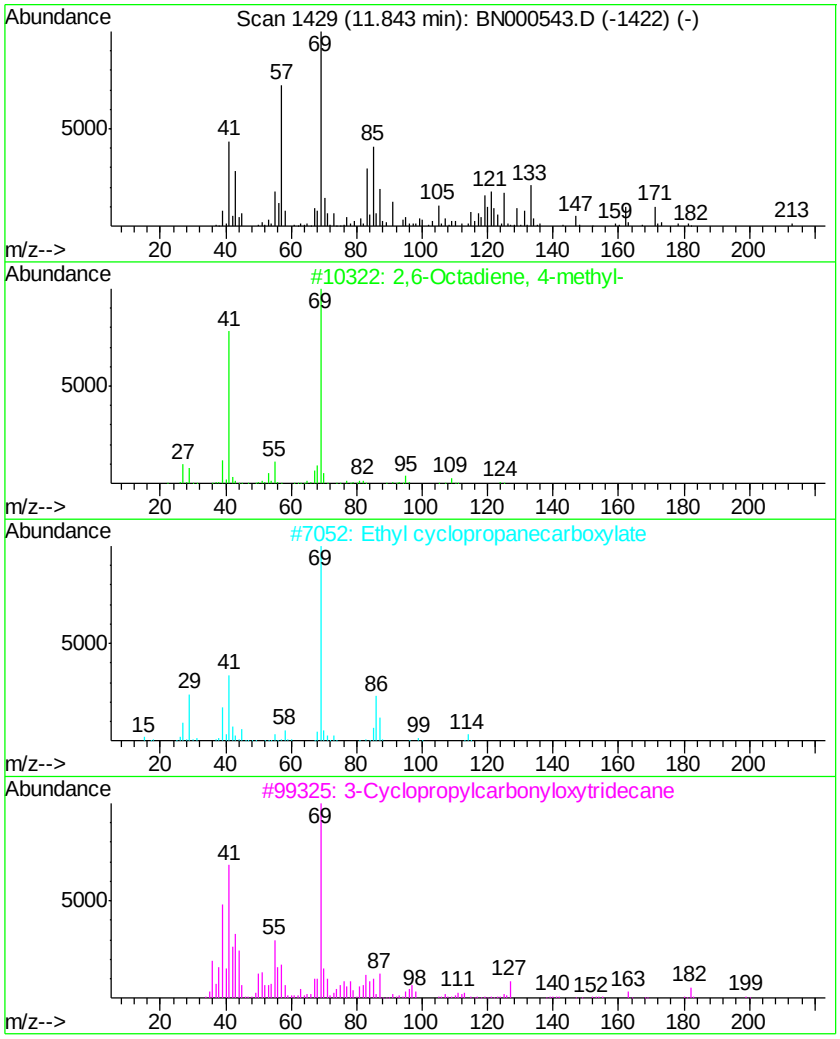
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

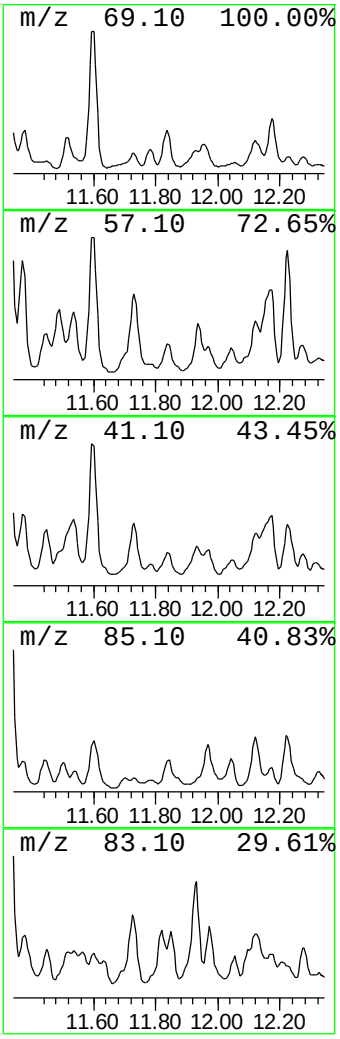
****

Peak Number 33 unknown-06 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	12.57 ng/ul	1324320	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	38
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	37
3	3-Cyclopropylcarbonyloxytridecane	268	C17H32O2	1000245-58-4	37
4	3-Cyclopropylcarbonyloxypentadecane	296	C19H36O2	1000245-59-0	37
5	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	35





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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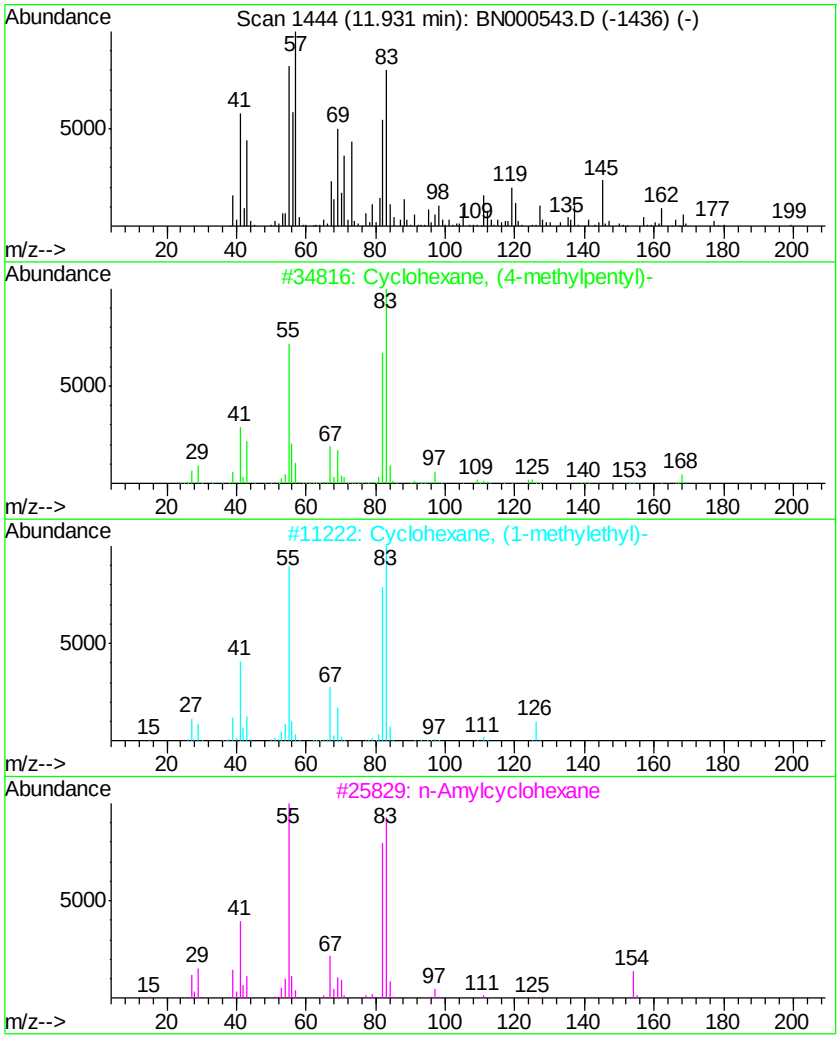
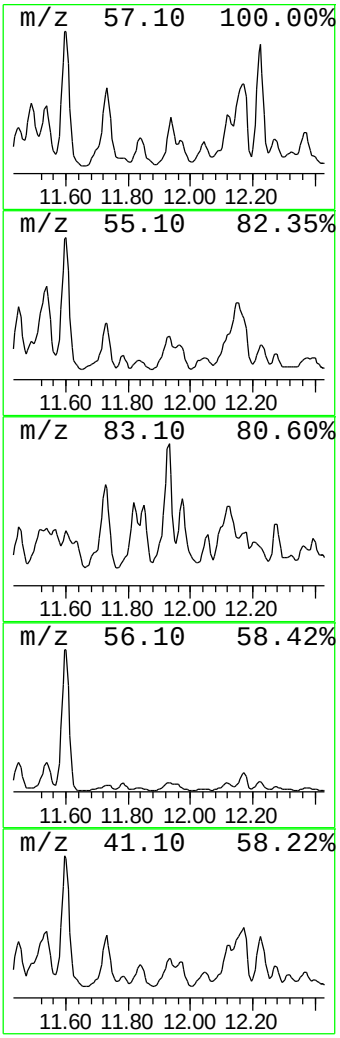
Peak Number 34 (DEL) Alkane: Cyclic11.93 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	16.41 ng/ul	1728160	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
3	n-Amylcyclohexane	154	C11H22	029949-27-7	38
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

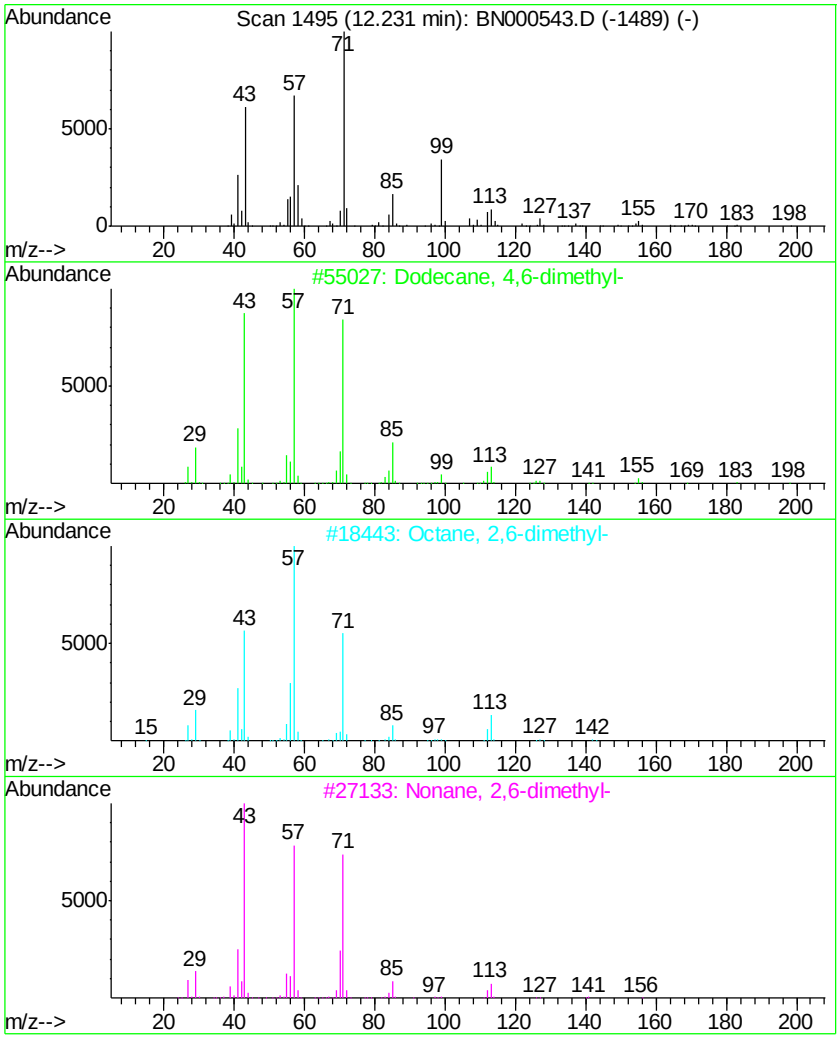
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

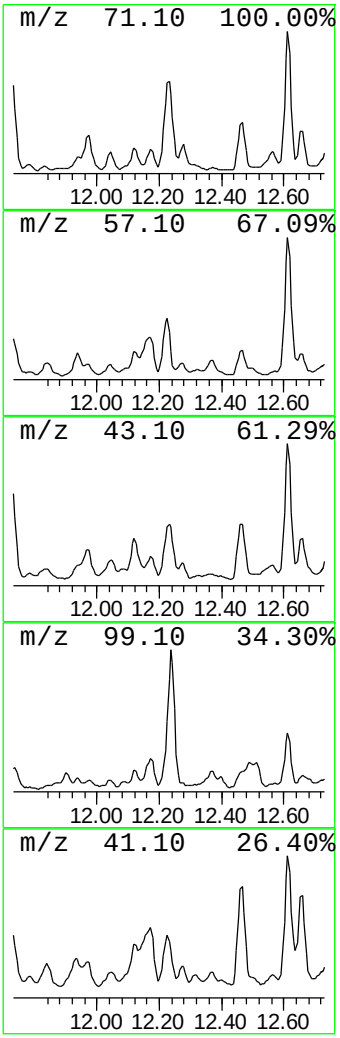
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	18.54 ng/ul	1952480	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

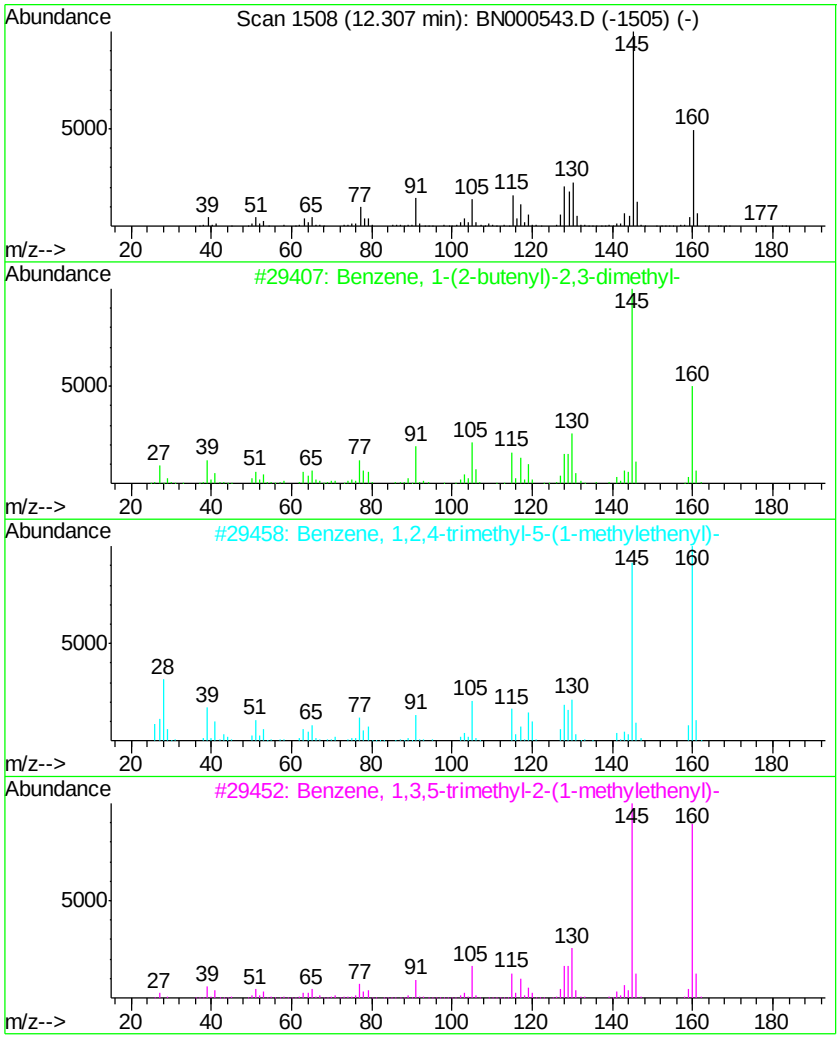
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

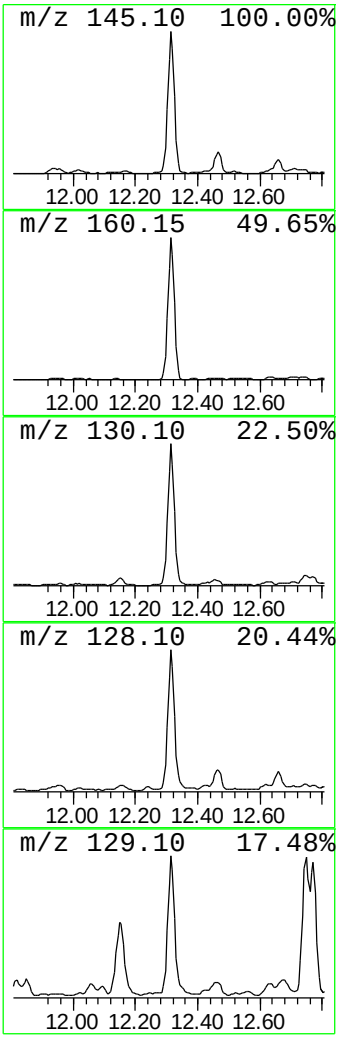
****

Peak Number 36 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	24.59 ng/ul	2590430	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
2	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	94
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	93
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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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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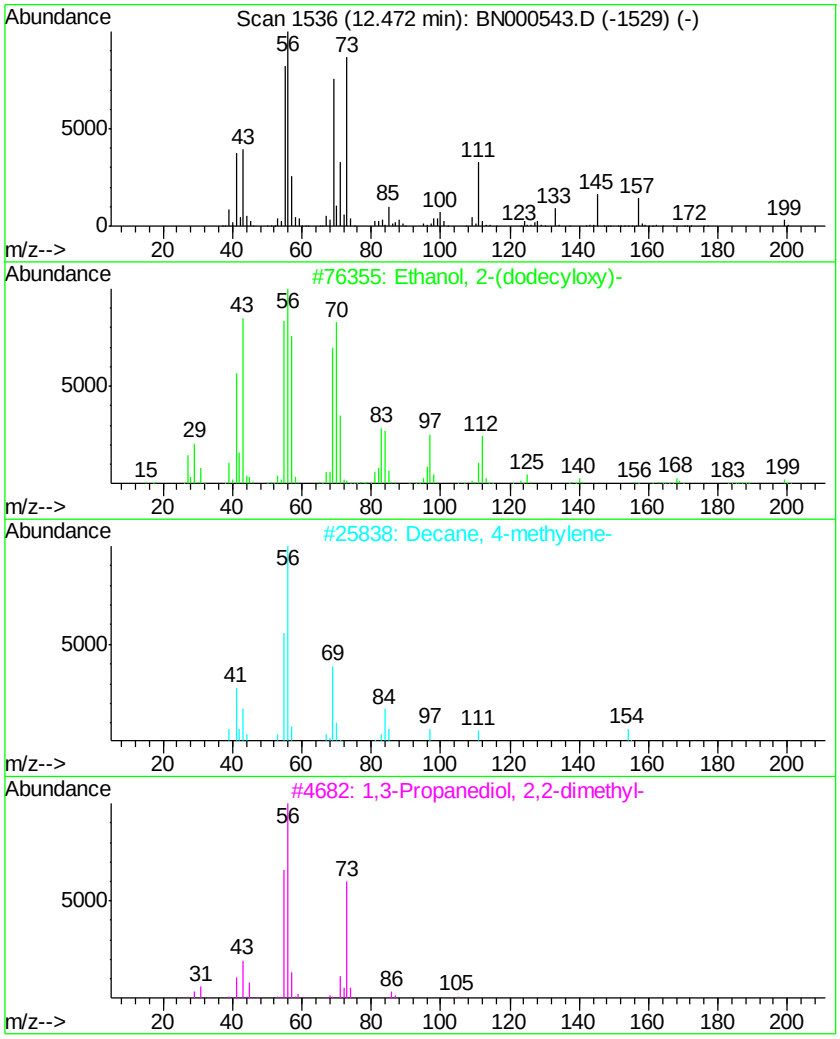
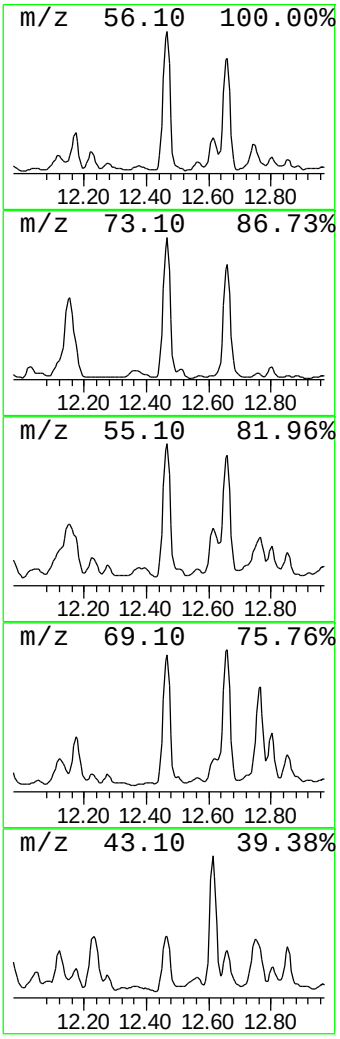
Peak Number 37 unknown-07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	40.25 ng/ul	4239740	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	45
2	Decane, 4-methylene-	154	C11H22	024949-41-5	27
3	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	25
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	25
5	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	25





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

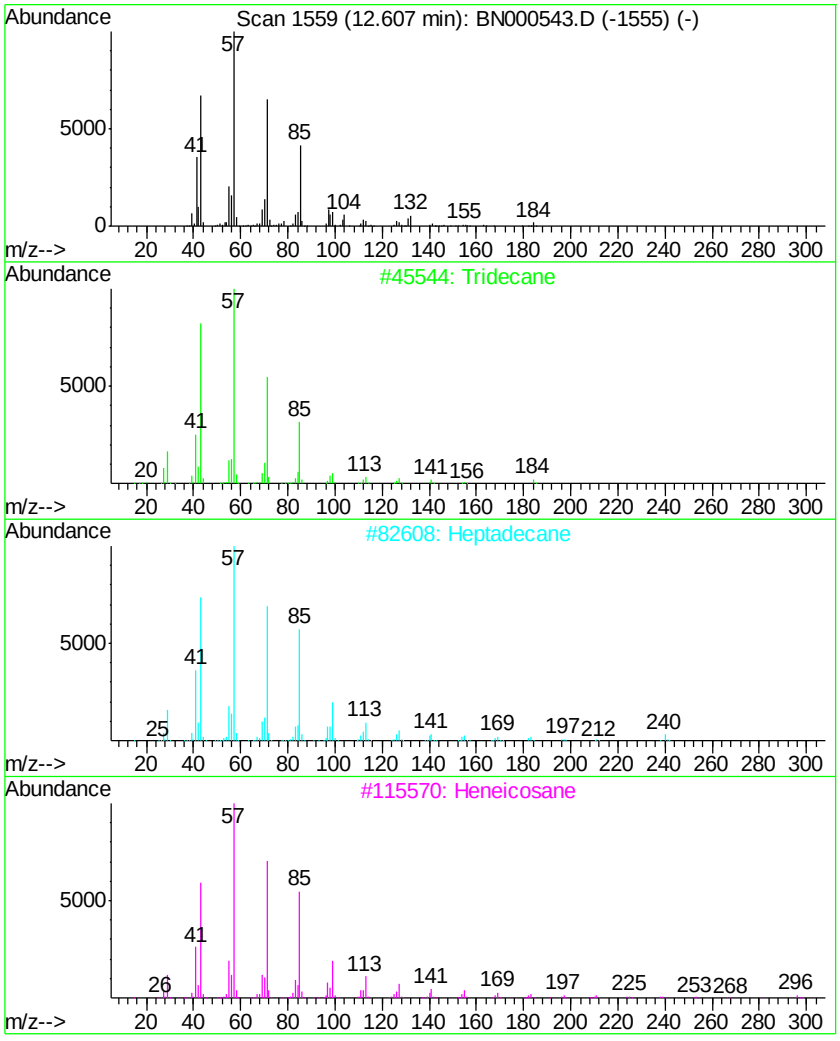
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

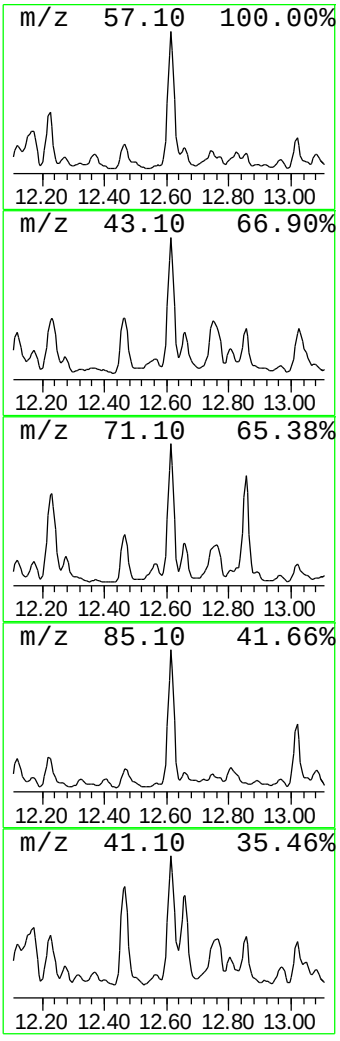
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	42.45 ng/ul	4471810	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptadecane	240	C17H36	000629-78-7	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	Tridecane	184	C13H28	000629-50-5	70
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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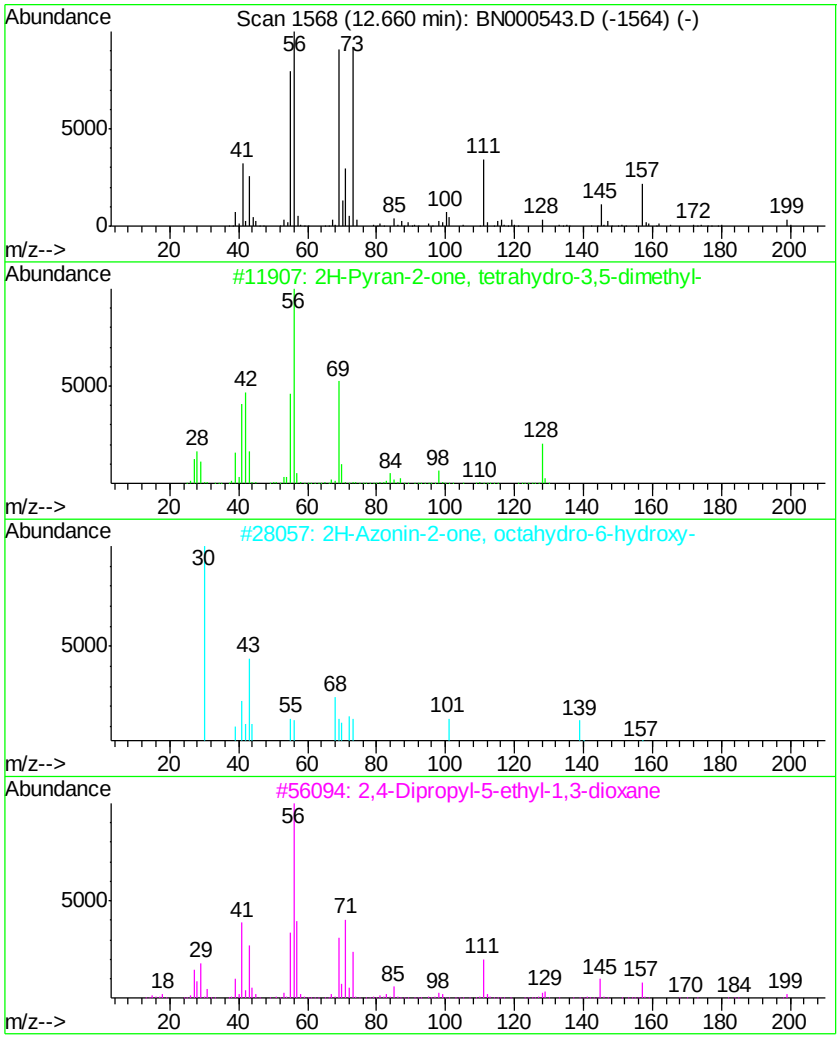
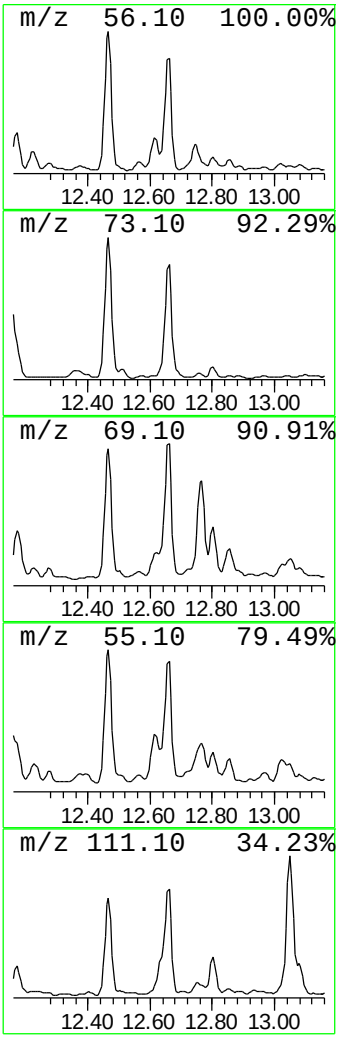
Peak Number 39 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	31.82 ng/ul	3352290	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, tetrahydro-3,5-d...	128	C7H12O2	003290-57-1	47
2	2H-Azonin-2-one, octahydro-6-hyd...	157	C8H15NO2	023435-07-6	38
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	36
5	5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	17





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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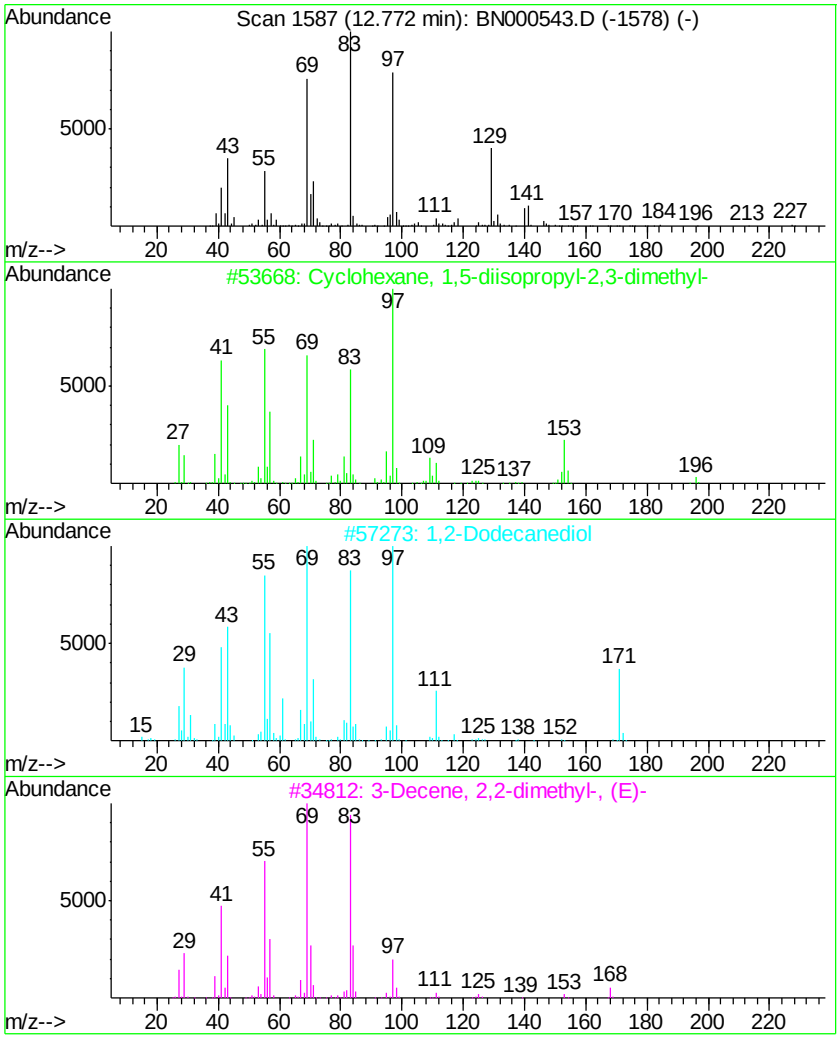
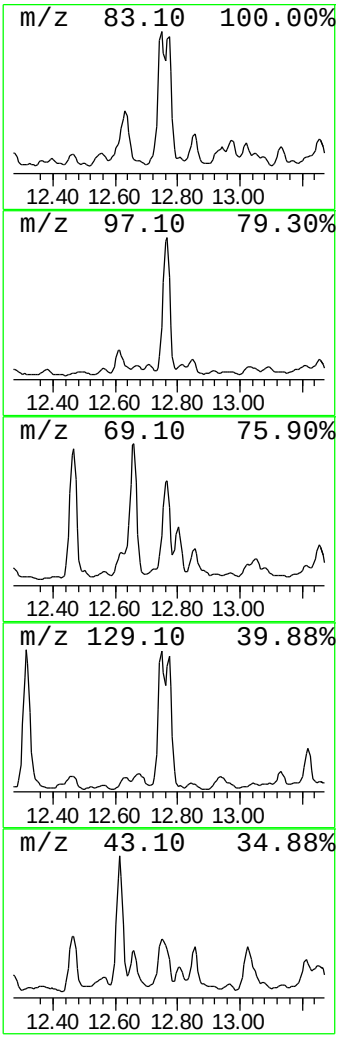
Peak Number 40 (DEL) Alkane: Cyclic12.77 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	31.90 ng/ul	3360490	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	64
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	50
3	3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	47
4	Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	38
5	Cyclopentanecarboxylic acid, 4-p...	324	C21H40O2	1000280-59-2	38





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Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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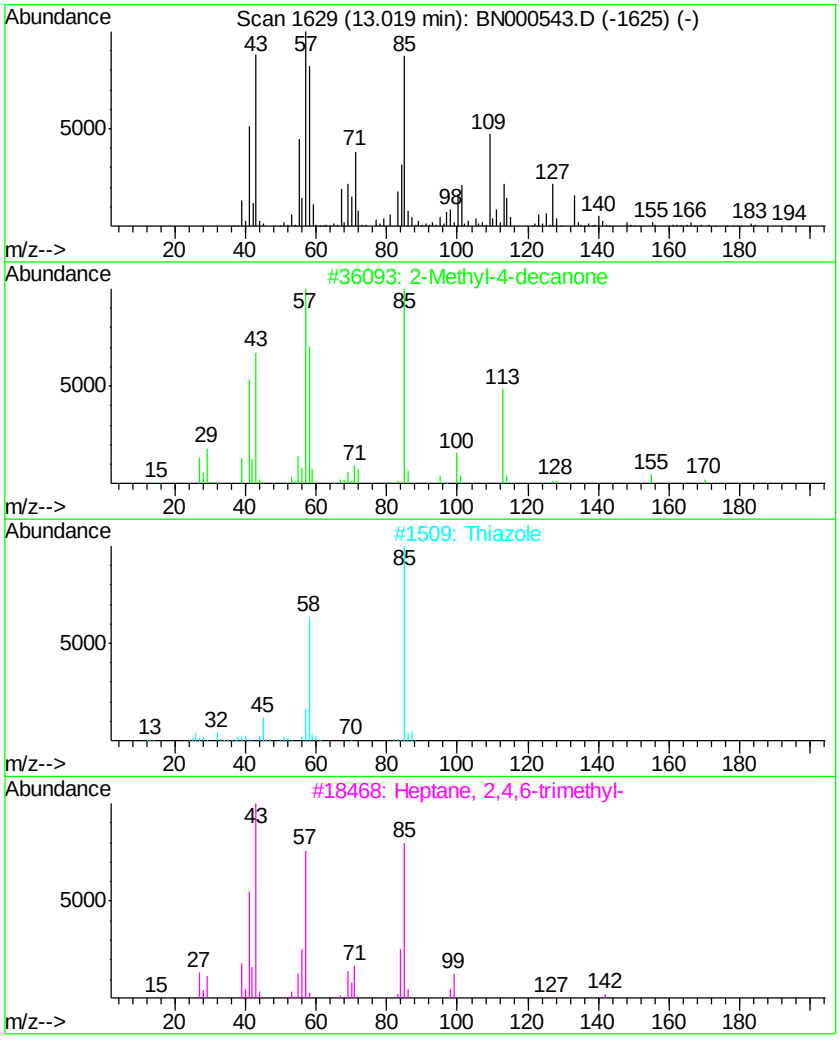
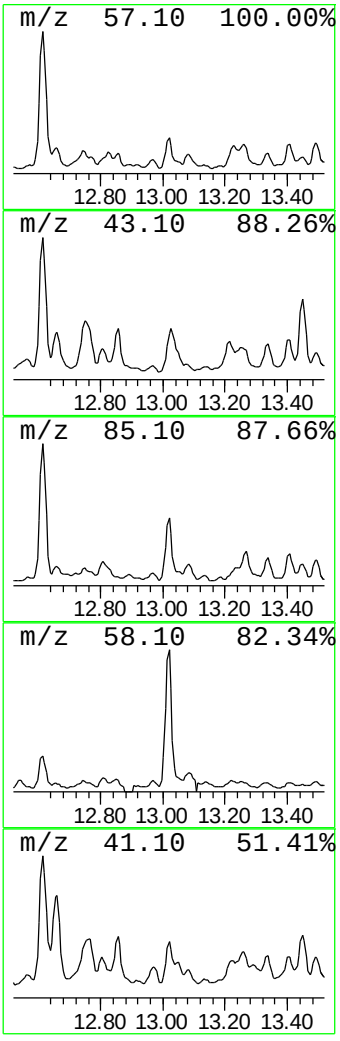
Peak Number 41 unknown-09 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	25.62 ng/ul	2699190	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-decanone	170	C11H22O	006628-25-7	35
2	Thiazole	85	C3H3NS	000288-47-1	35
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	22
4	Aluminum, triethyl-	114	C6H15Al	000097-93-8	18
5	2H-Pyran, 3,4-dihydro-2-methoxy-	114	C6H10O2	004454-05-1	18





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Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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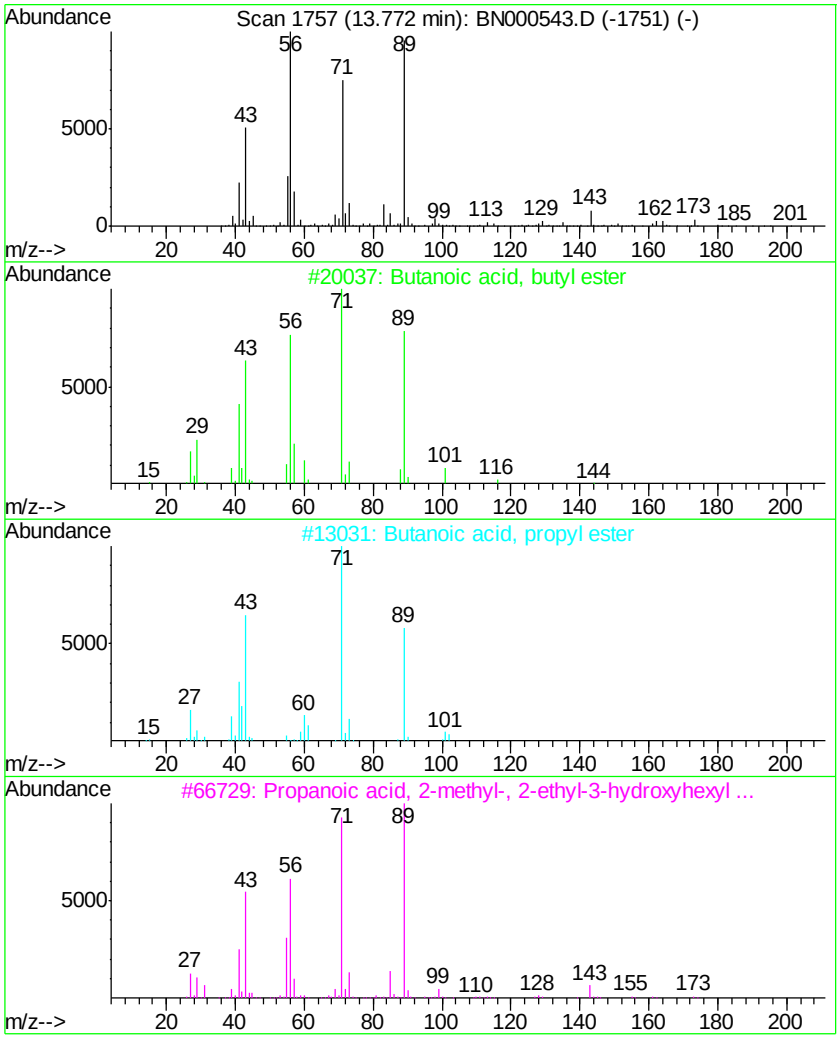
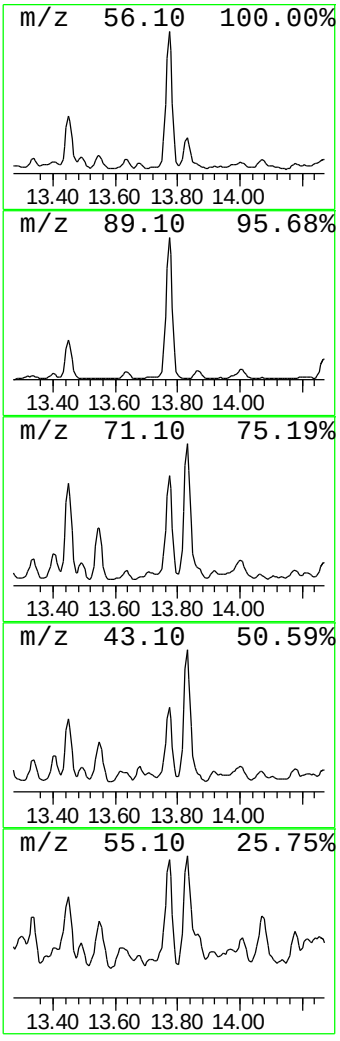
Peak Number 42 Butanoic acid, butyl ester Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	15.32 ng/ul	3355940	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
4	2-Propenoic acid, 2-chloro-, but...	162	C7H11ClO2	013401-85-9	45
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	39





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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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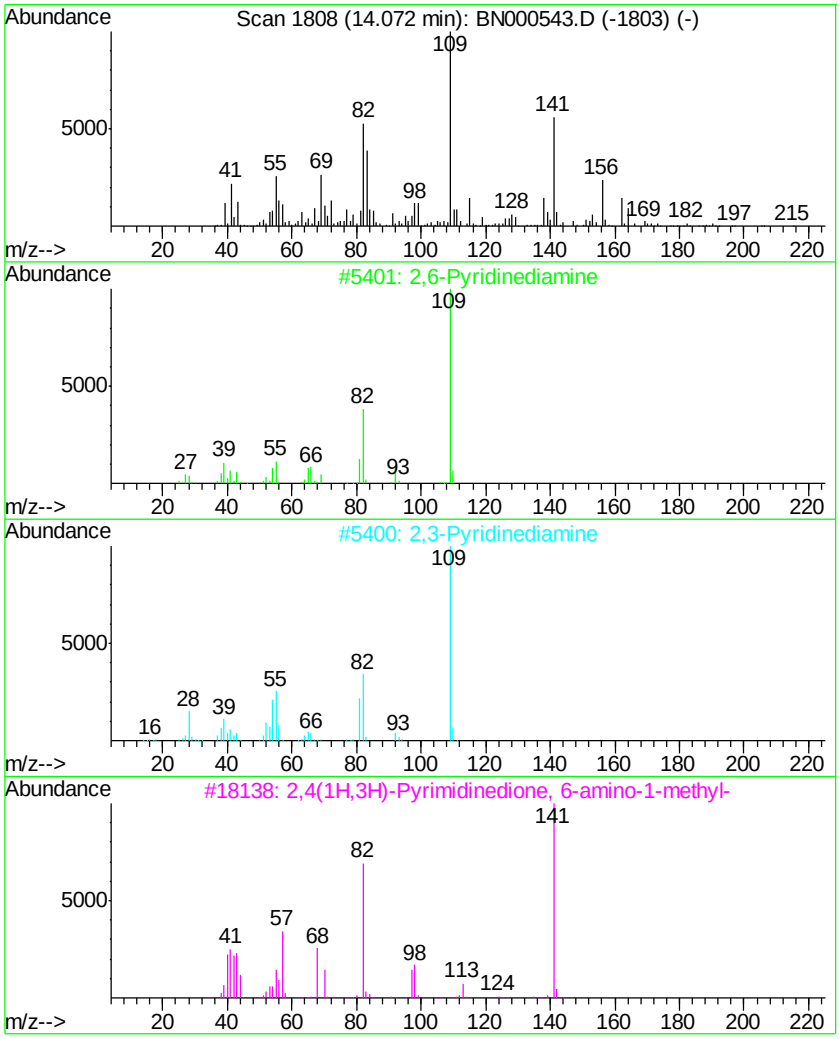
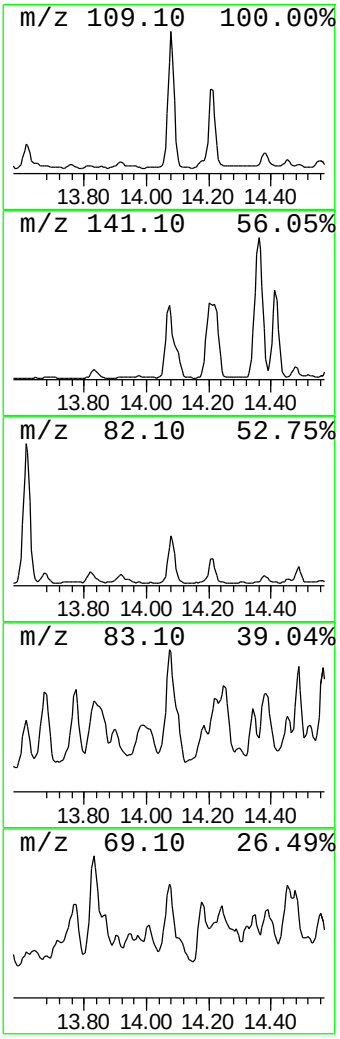
Peak Number 43 unknown-10 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	13.74 ng/ul	3009490	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	38
2	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	35
3	2,4(1H,3H)-Pyrimidinedione, 6-am...	141	C5H7N3O2	002434-53-9	22
4	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	18
5	2-Methyl-furan-3-carboxylic acid...	182	C8H10N2O3	1000295-95-6	18





Library Search Compound Report

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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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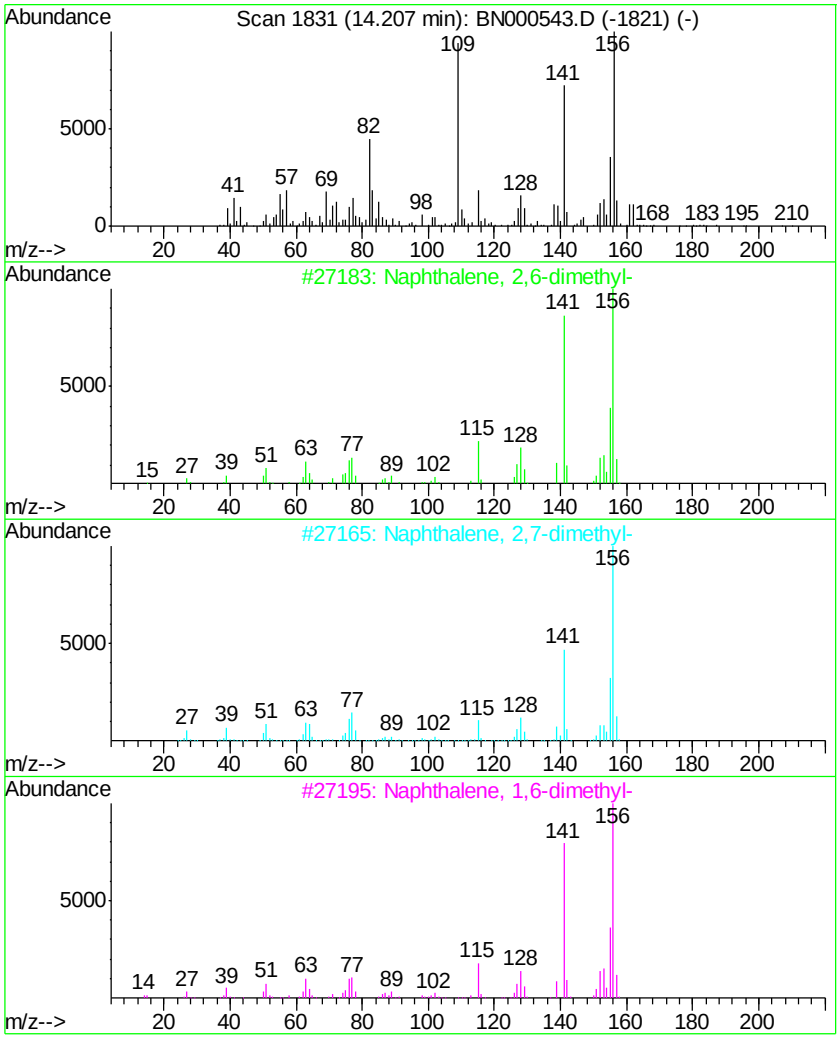
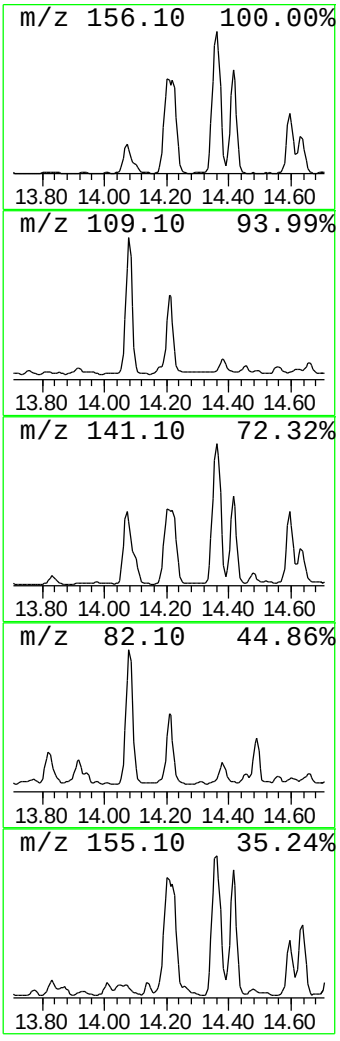
Peak Number 44 Naphthalene, 2,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	20.44 ng/ul	4479290	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92





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Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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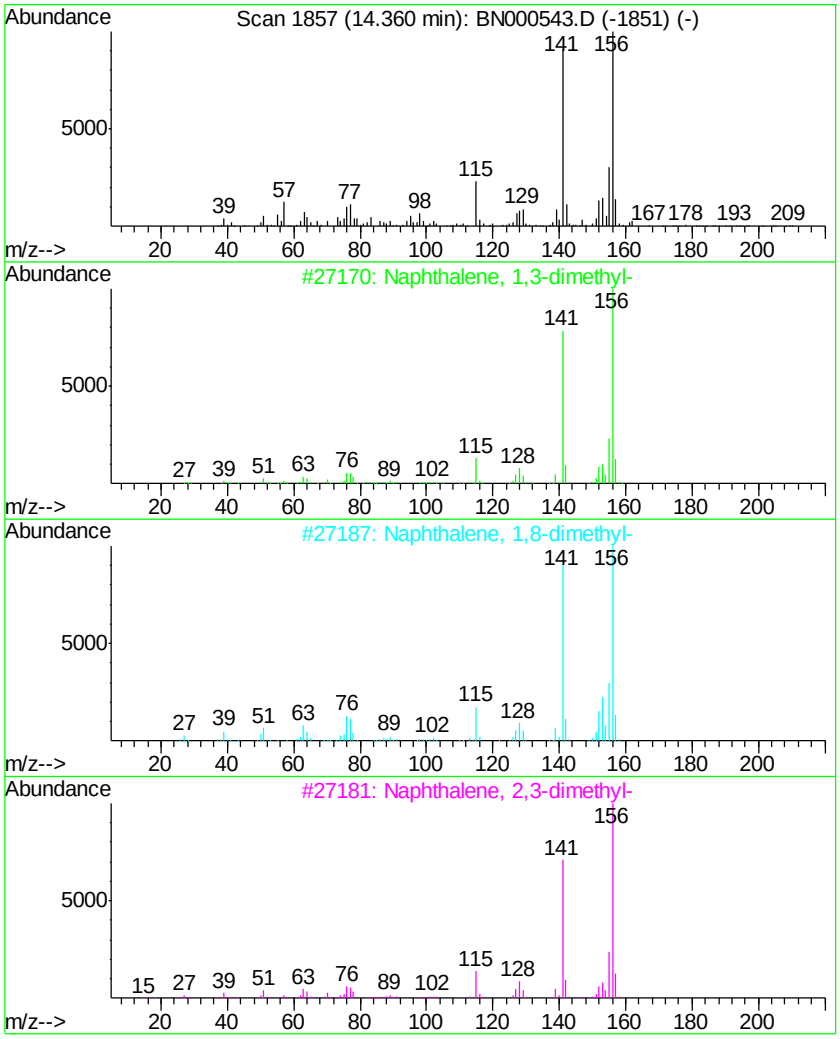
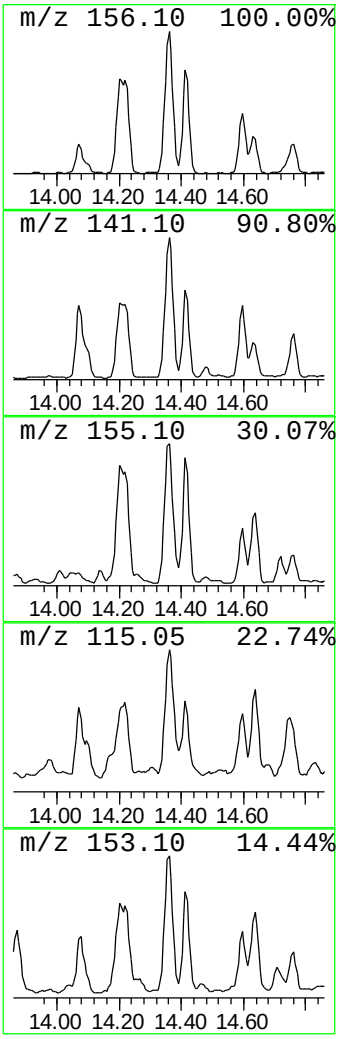
Peak Number 45 Naphthalene, 1,3-dimethyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	8.38 ng/ul	1834990	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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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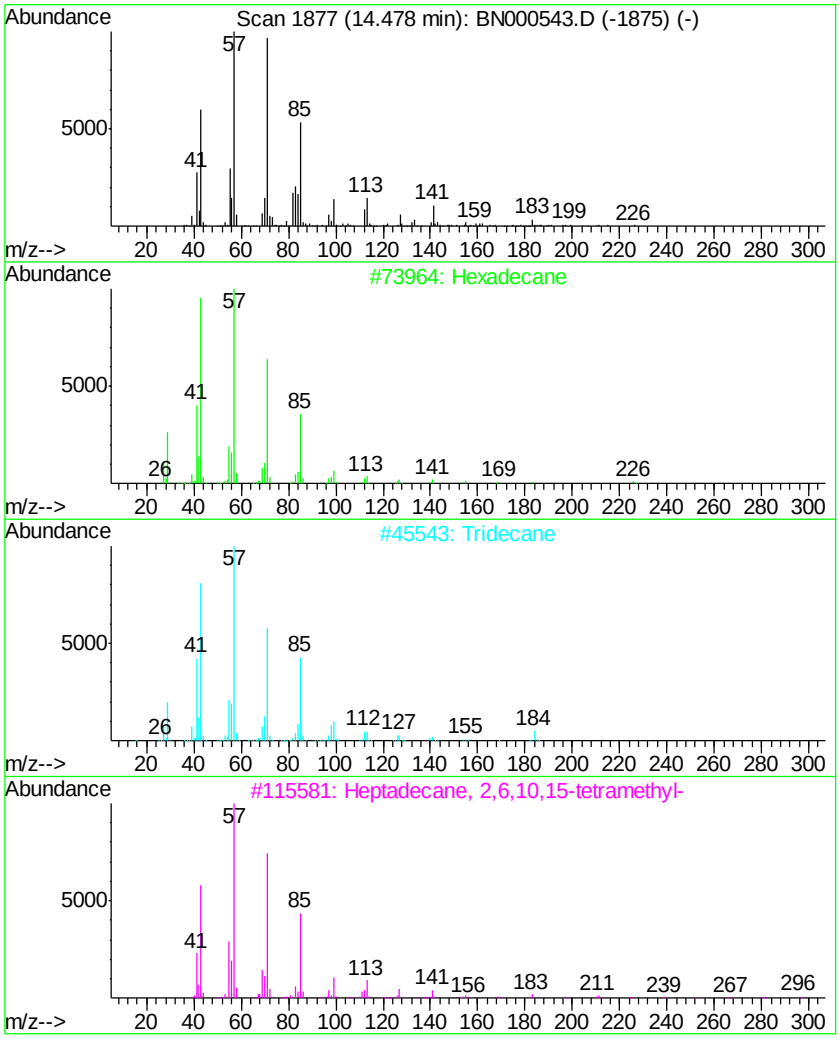
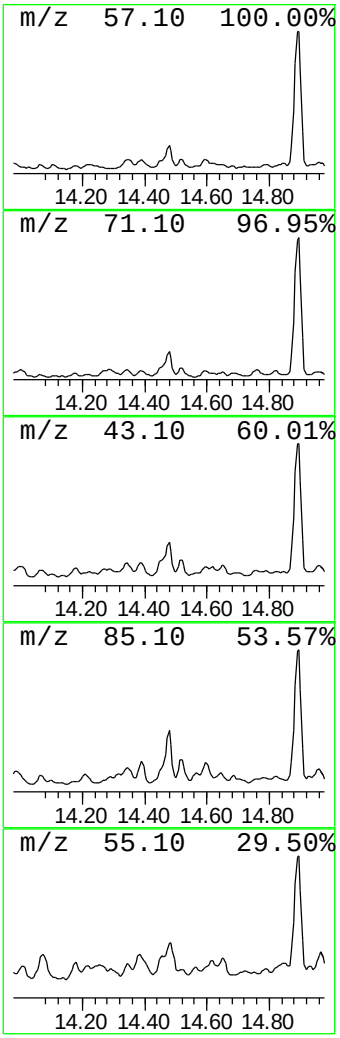
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	6.06 ng/ul	1327210	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Tridecane	184	C13H28	000629-50-5	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64





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Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

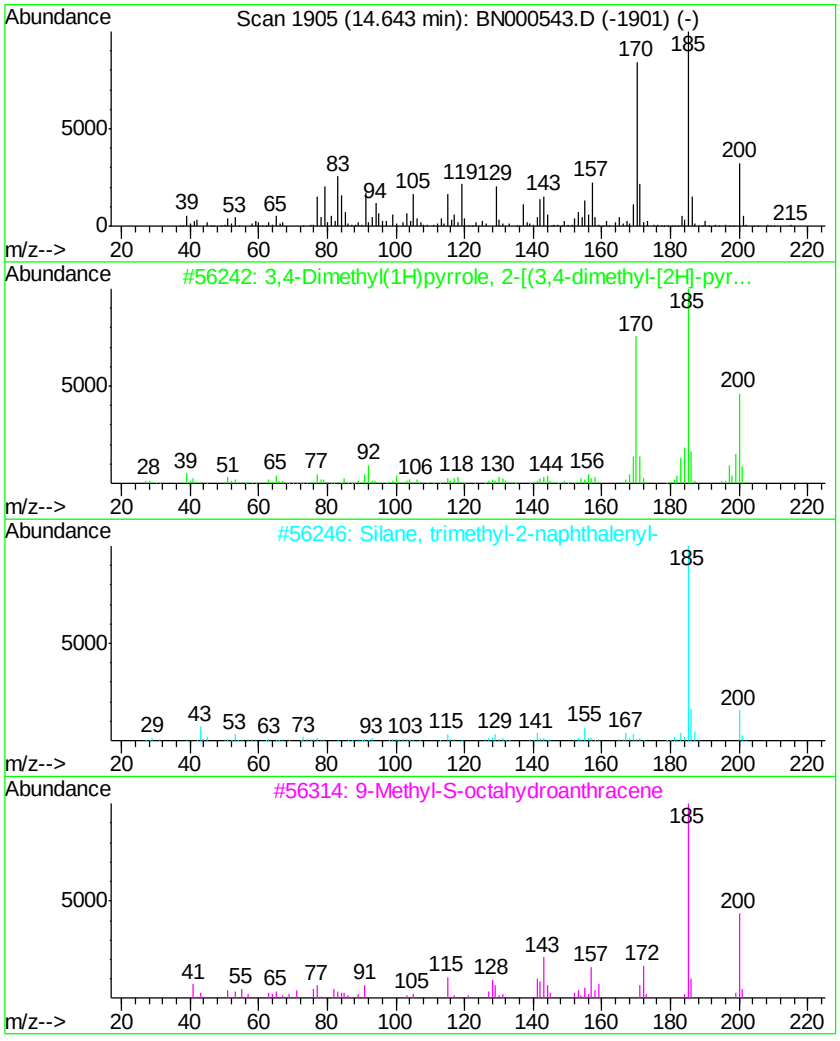
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

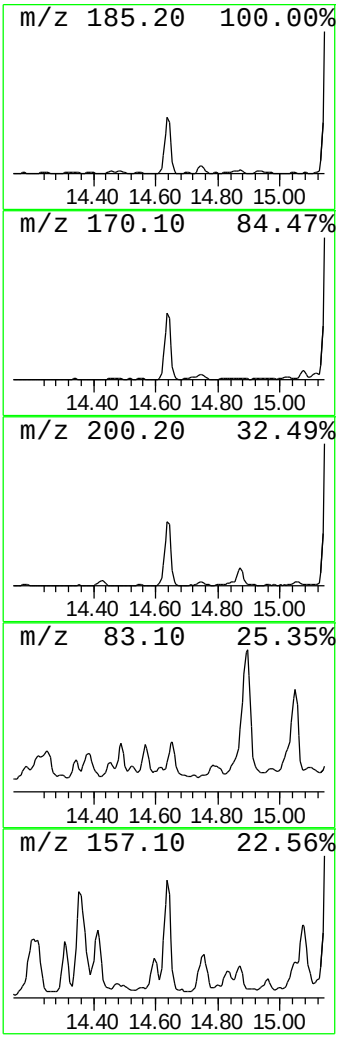
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	13.90 ng/ul	3044670	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	76
2	Silane, trimethyl-2-naphthalenyl-	200	C13H16Si	018052-85-2	45
3	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	41
4	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	38
5	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	30





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Sample : J1905-17DL 10X
Misc :
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Instrument : BNA_N
ClientSampleId : DAM52DL

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Quant Title : SVOA CALIBRATION

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

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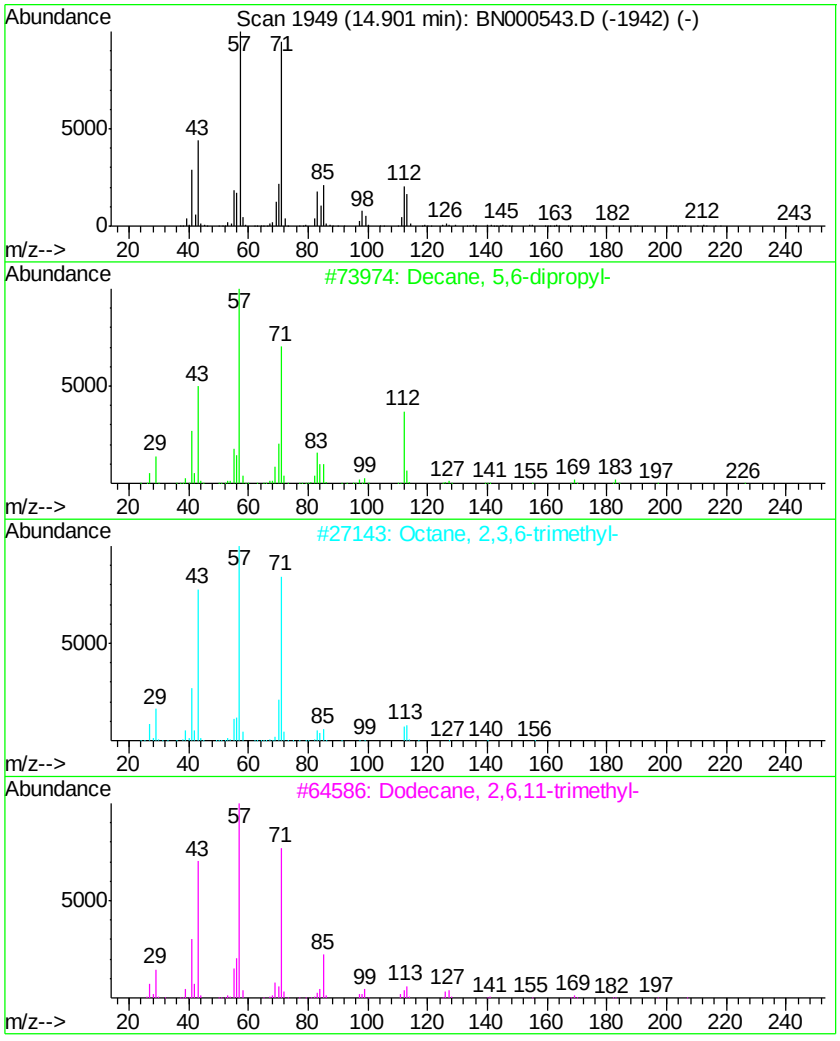
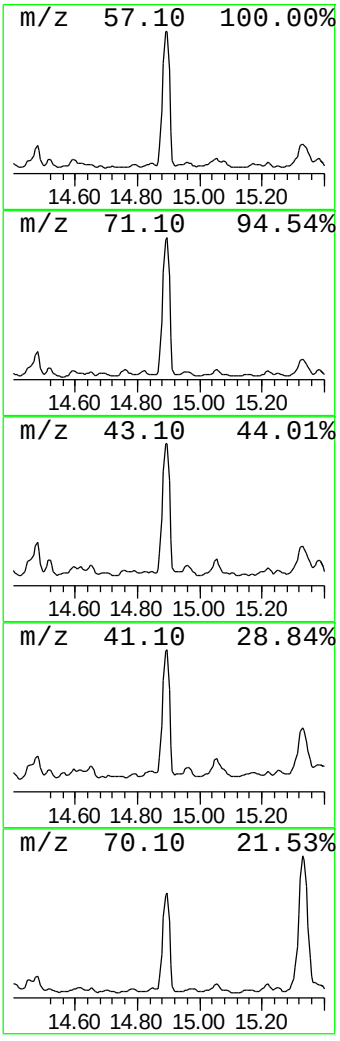
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	41.46 ng/ul	9083580	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50





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Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

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

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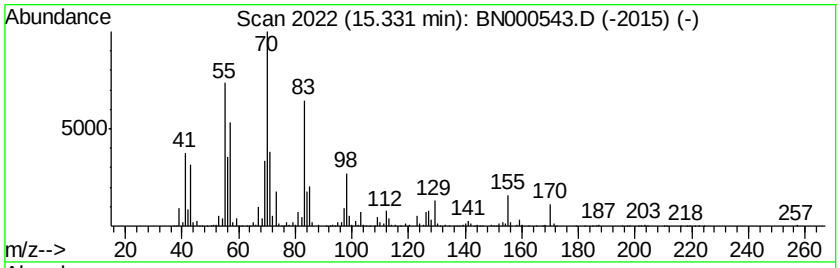
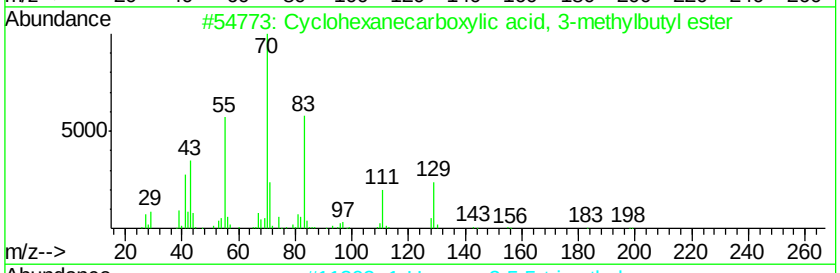
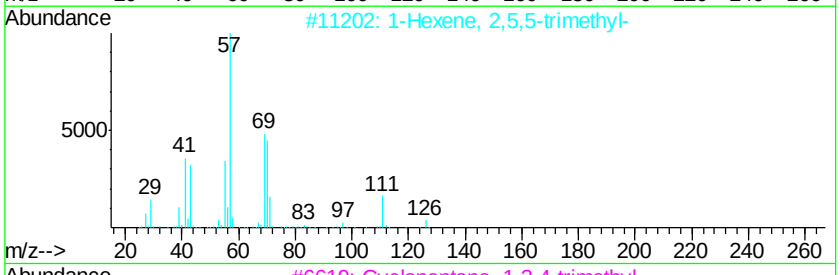
Peak Number 50 unknown-11 Concentration Rank 21

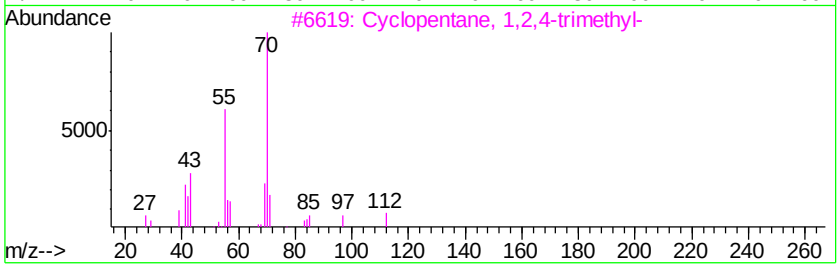
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	29.43 ng/ul	6447940	Acenaphthene-d10	15.04

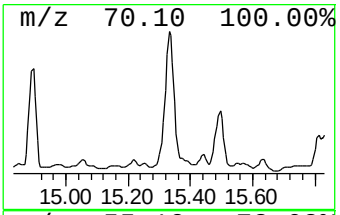
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 3-me...	198	C12H22O2	025183-19-1	47
2	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	35
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	27
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	27
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	22

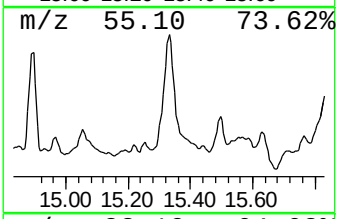


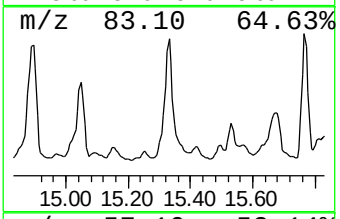


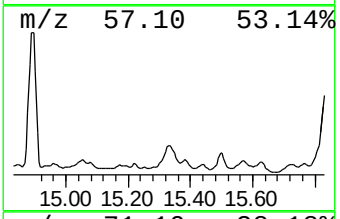


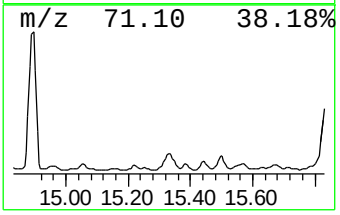












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Misc :
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Instrument : BNA_N
ClientSampleId : DAM52DL

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

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

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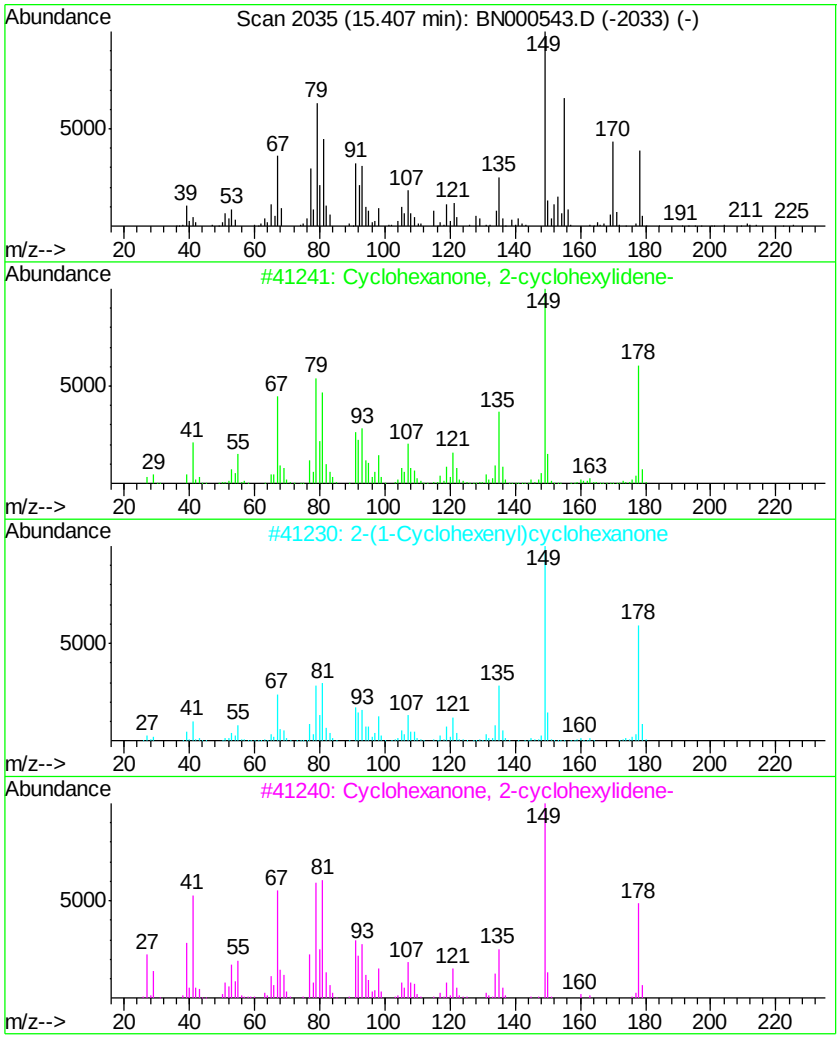
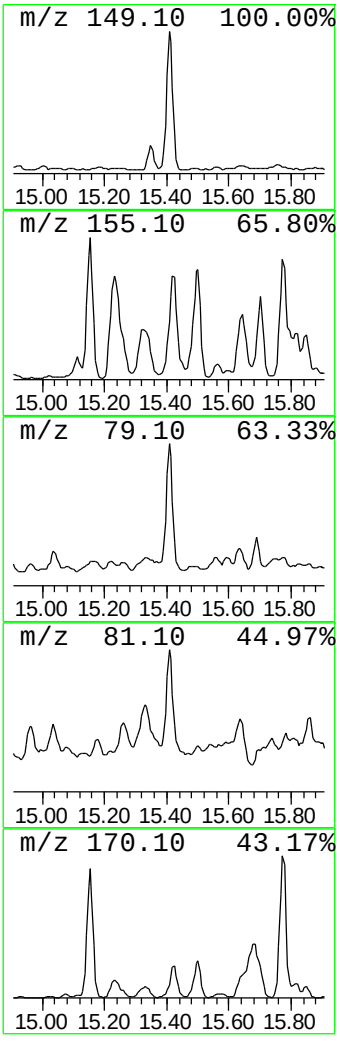
Peak Number 51 Cyclohexanone, 2-cyclohexyl... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	11.75 ng/ul	2575200	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	86
2	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	78
3	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	46
4	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	46
5	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	30





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Quant Title : SVOA CALIBRATION

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

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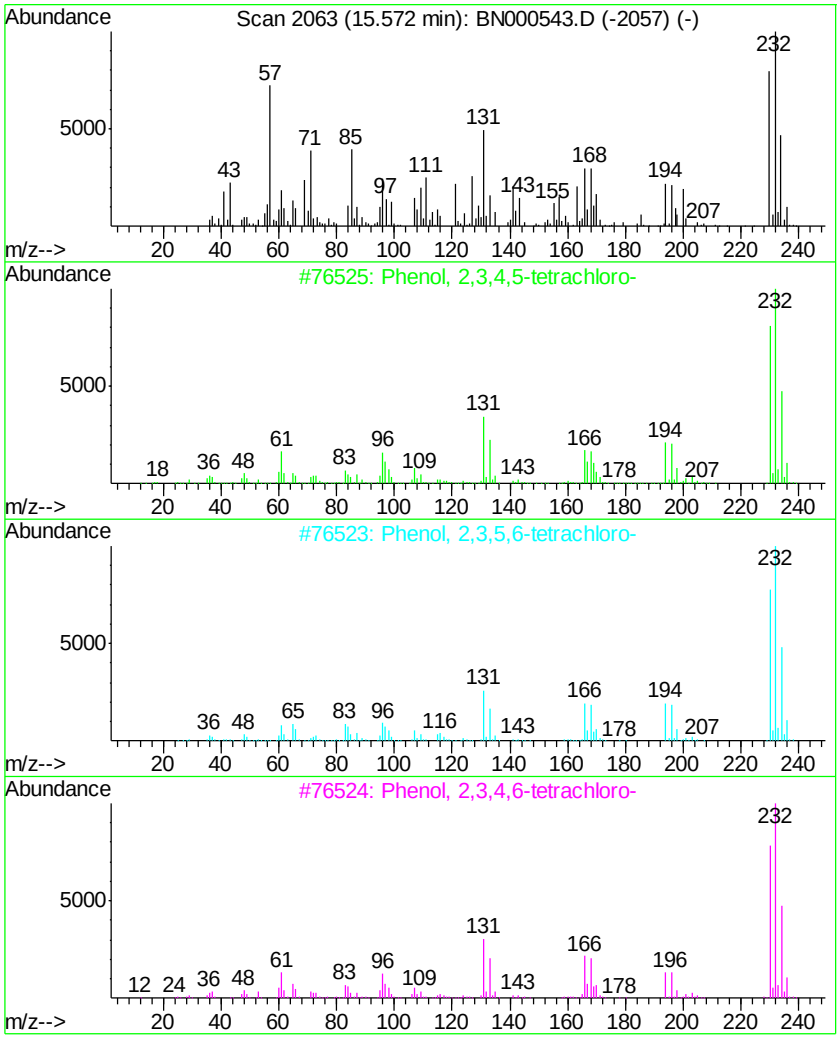
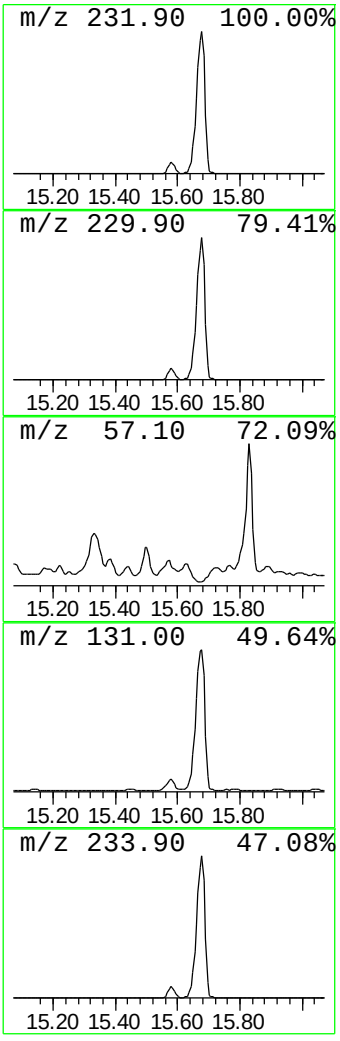
Peak Number 53 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	17.61 ng/ul	3858290	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	97
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	92
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	86
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	81





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

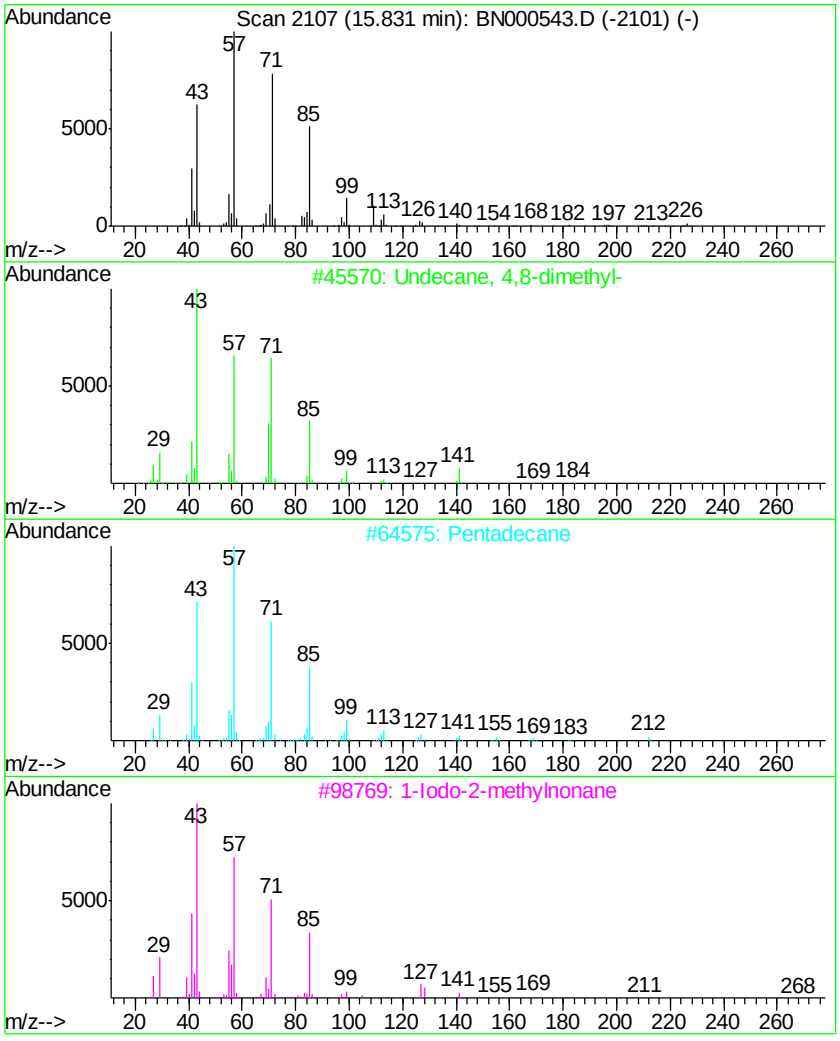
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

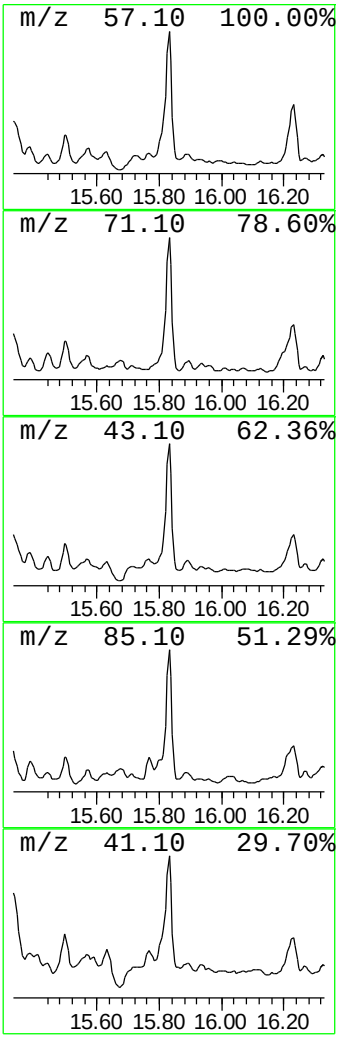
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	26.48 ng/ul	5802560	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
2	Pentadecane	212	C15H32	000629-62-9	72
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

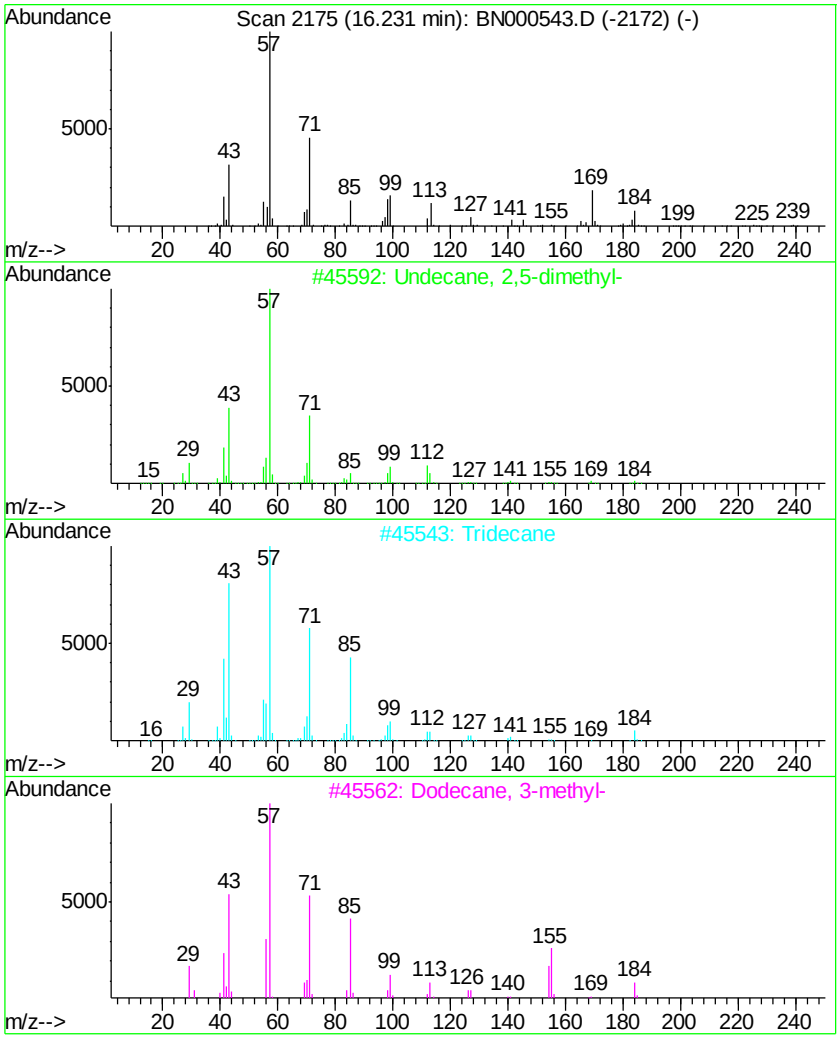
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

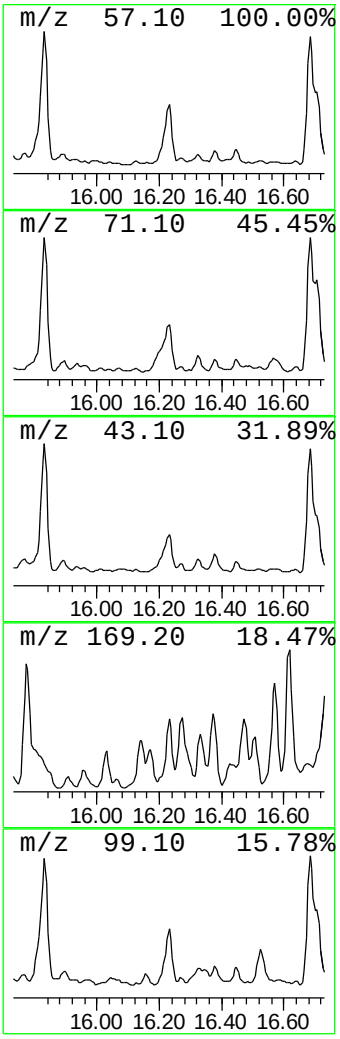
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	7.17 ng/ul	1570560	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	78
2	Tridecane	184	C13H28	000629-50-5	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53





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Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

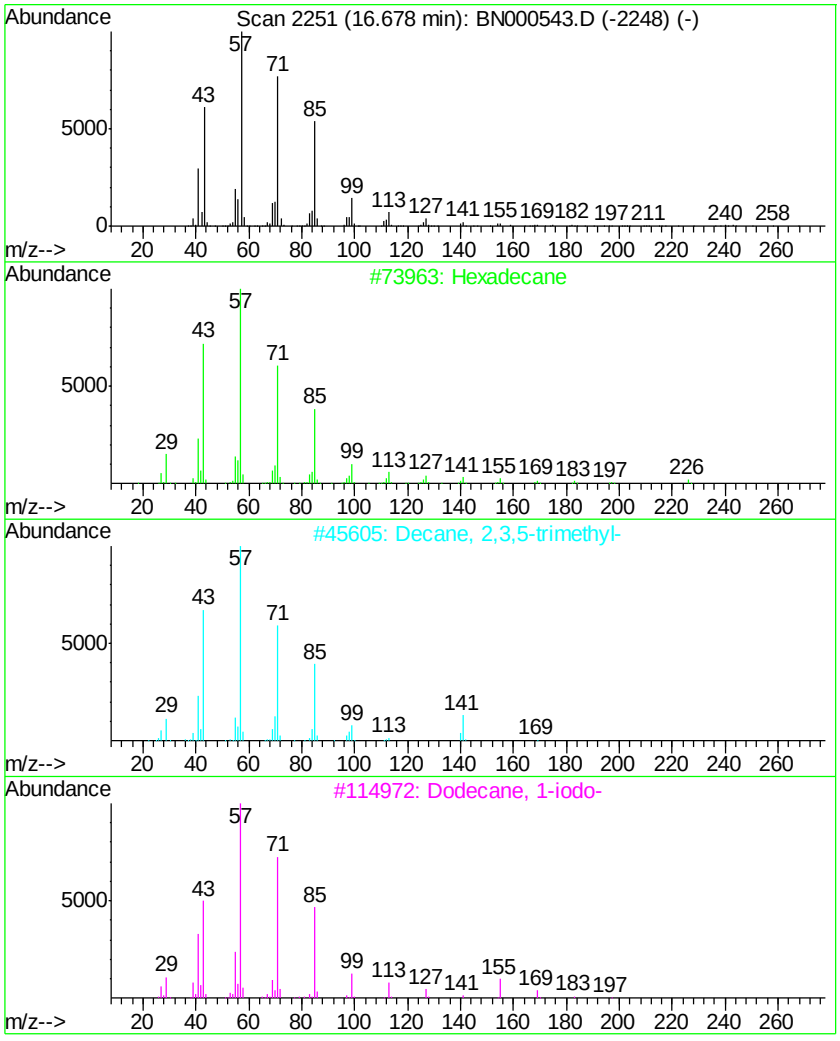
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

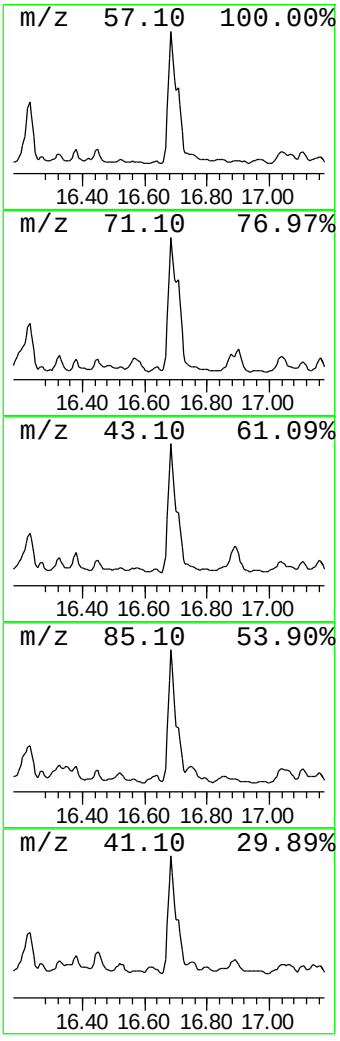
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	41.82 ng/ul	4580310	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	78
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

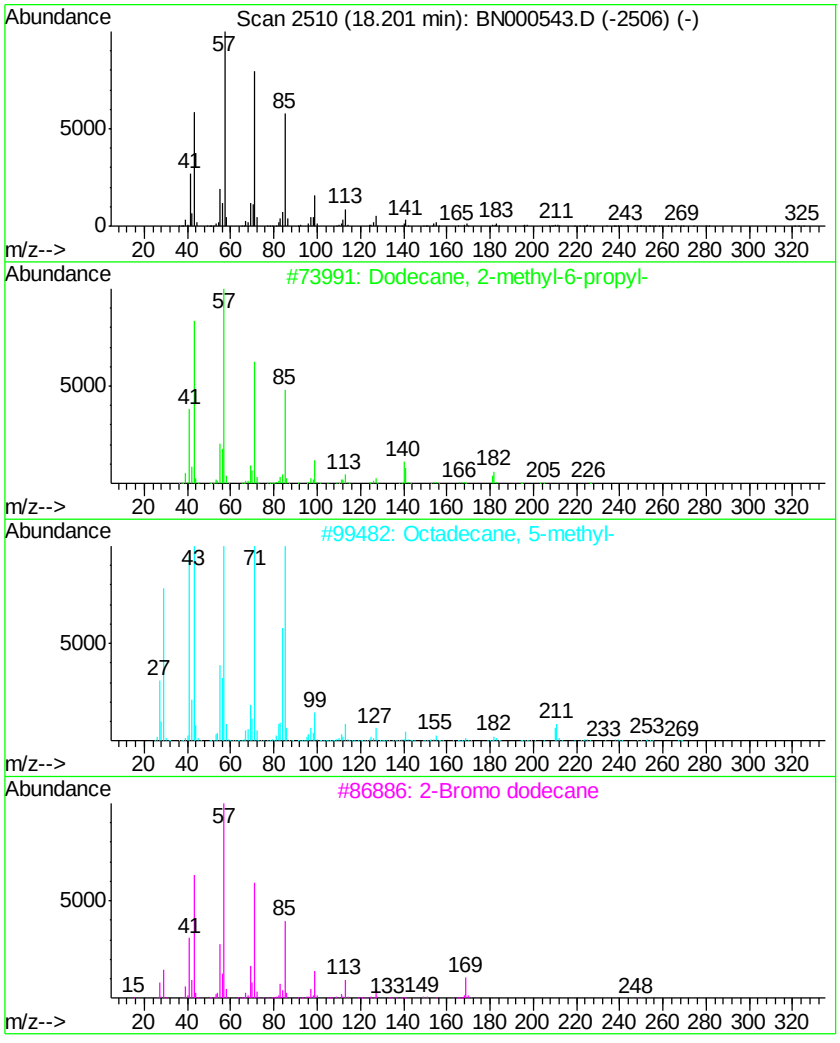
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

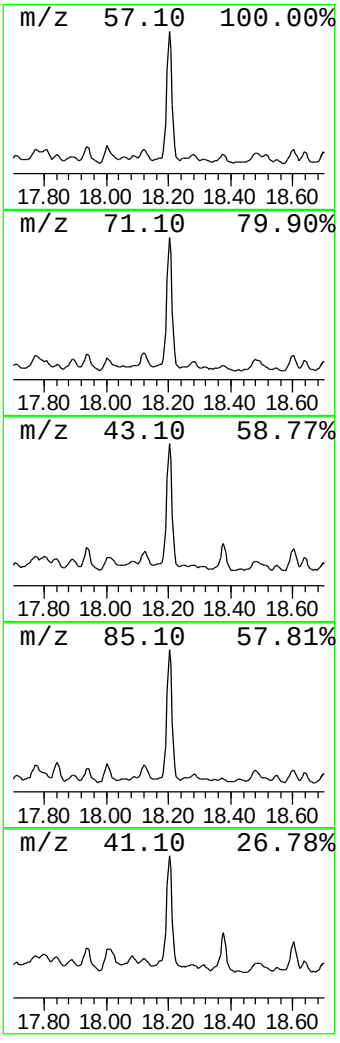
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	33.13 ng/ul	3628770	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Octadecane, 5-methyl-	268	C19H40	025117-35-5	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

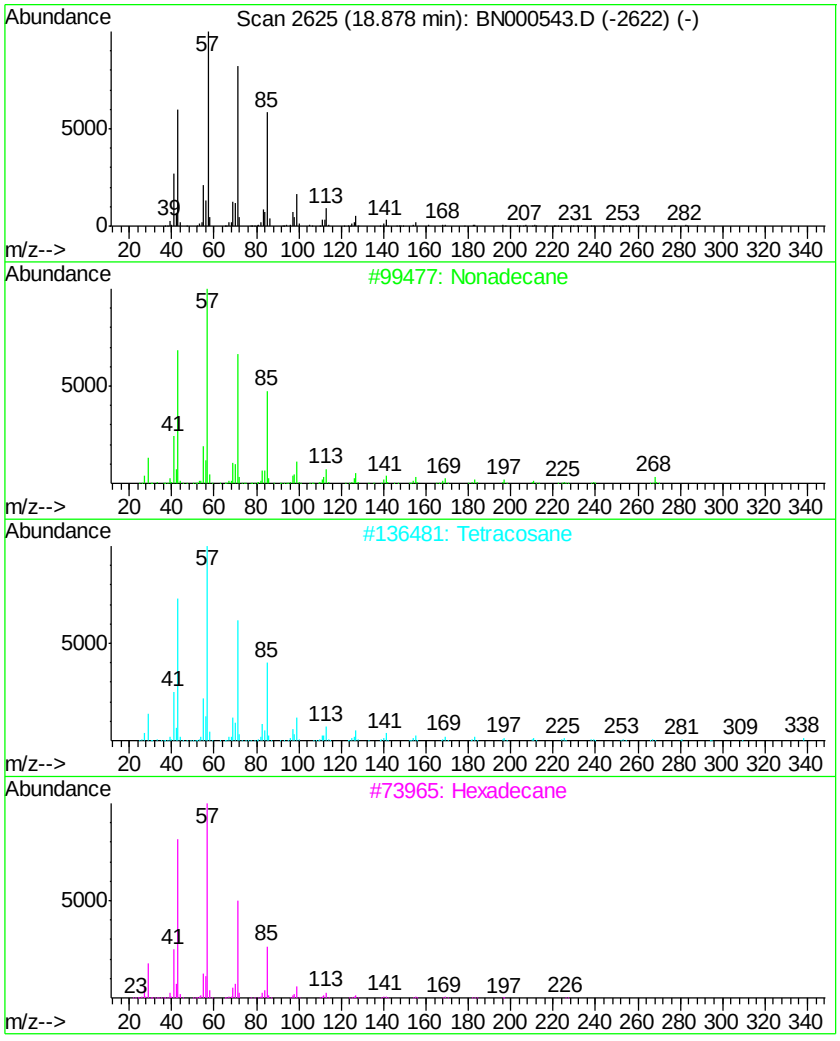
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

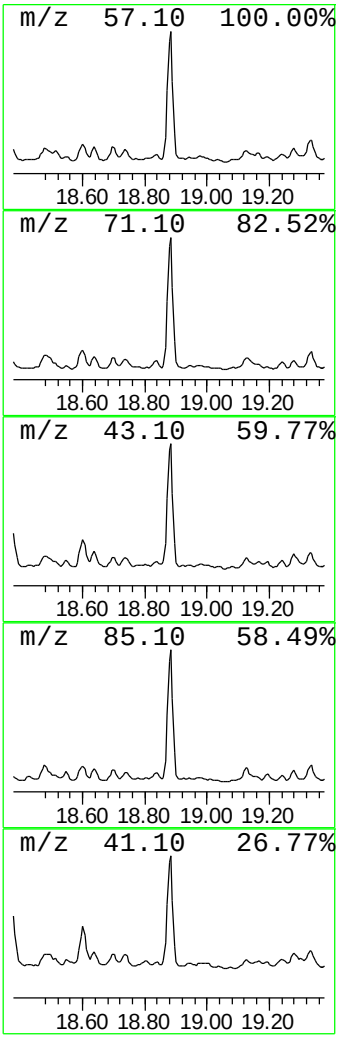
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	21.94 ng/ul	2402820	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

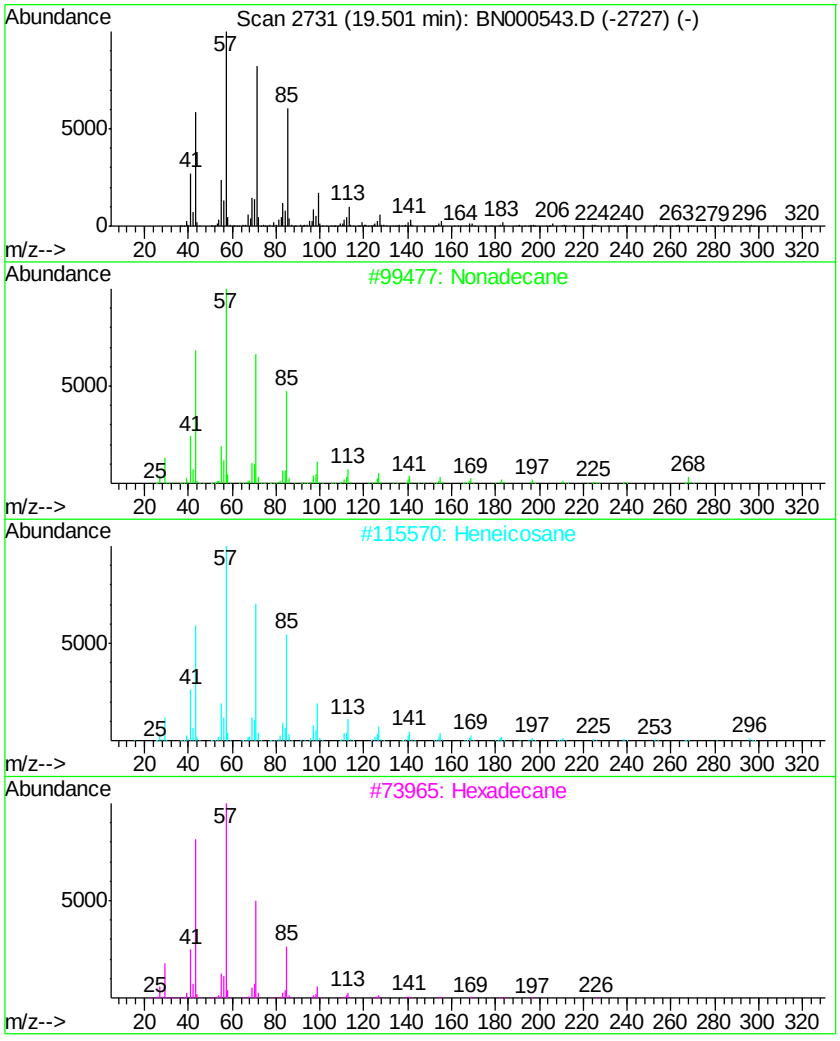
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

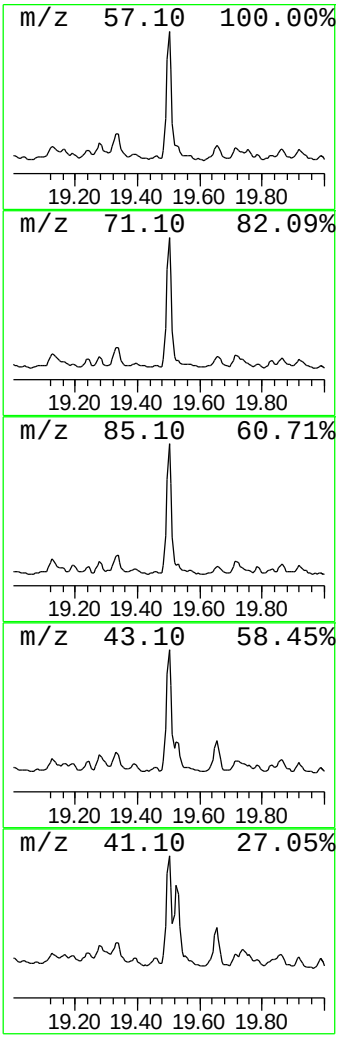
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	19.97 ng/ul	2187080	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

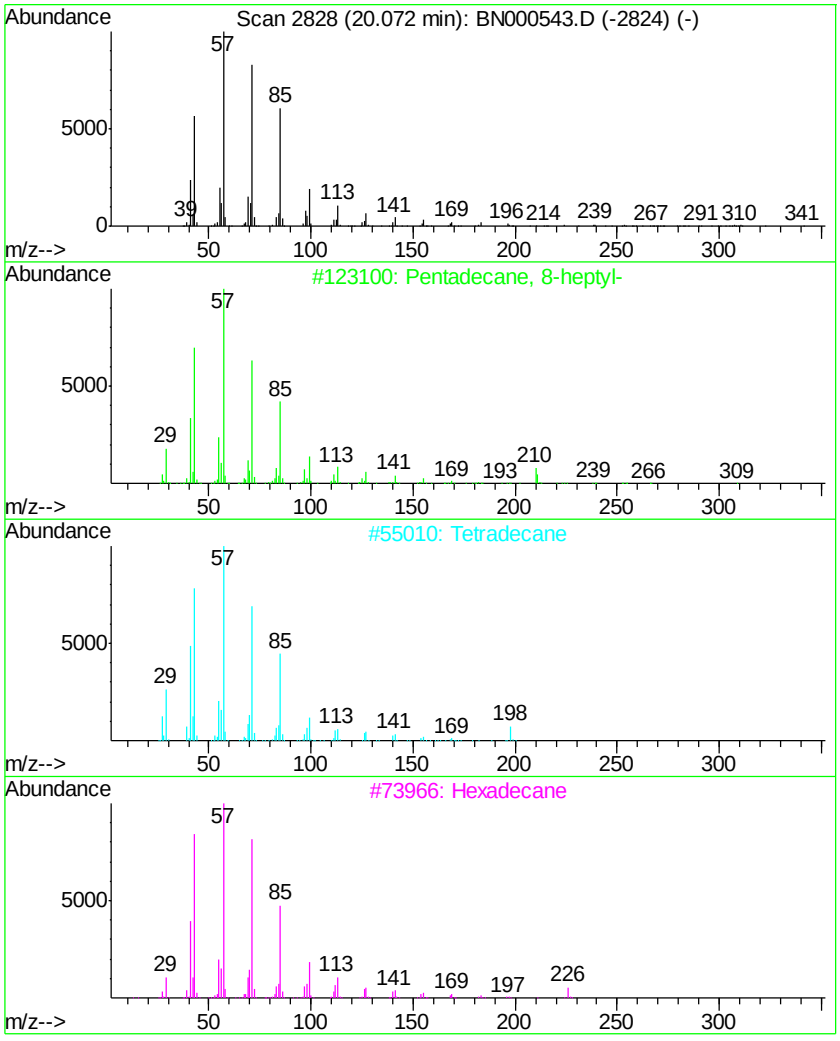
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

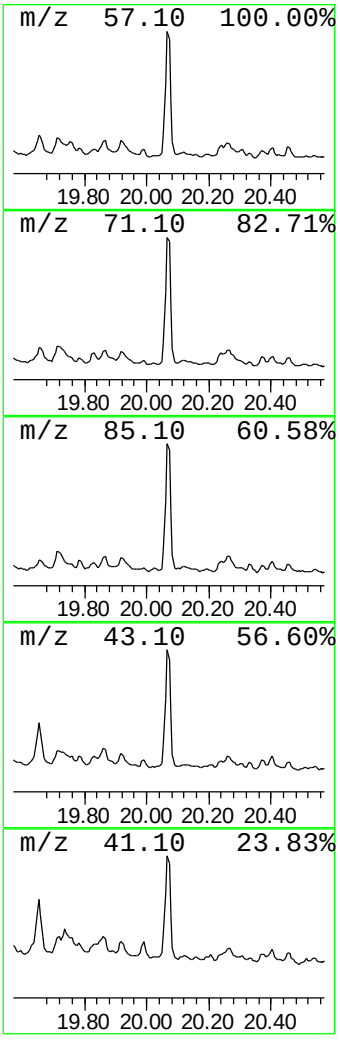
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	9.88 ng/ul	1489560	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

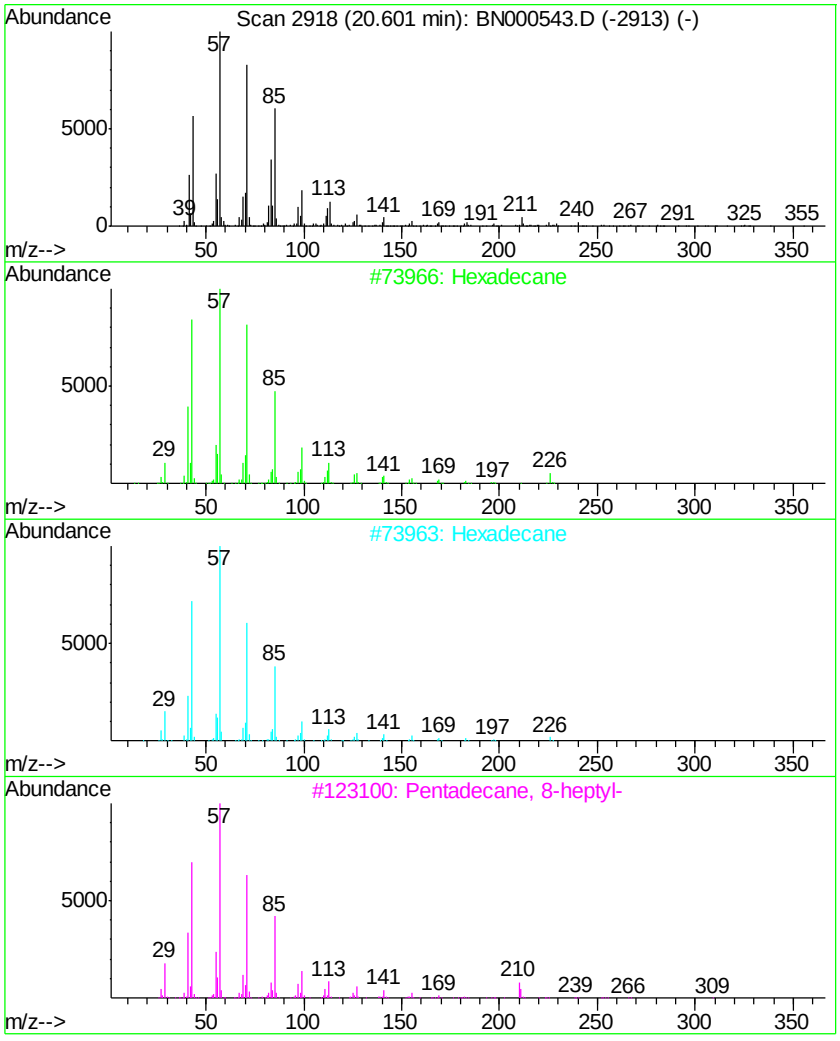
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

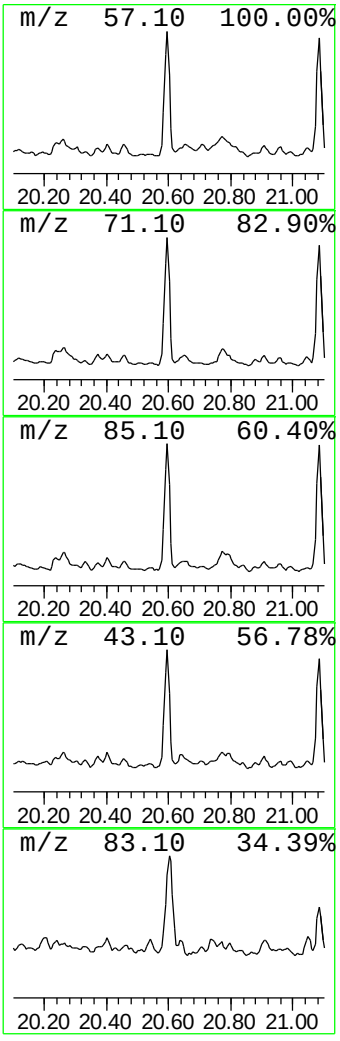
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	9.50 ng/ul	1433120	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

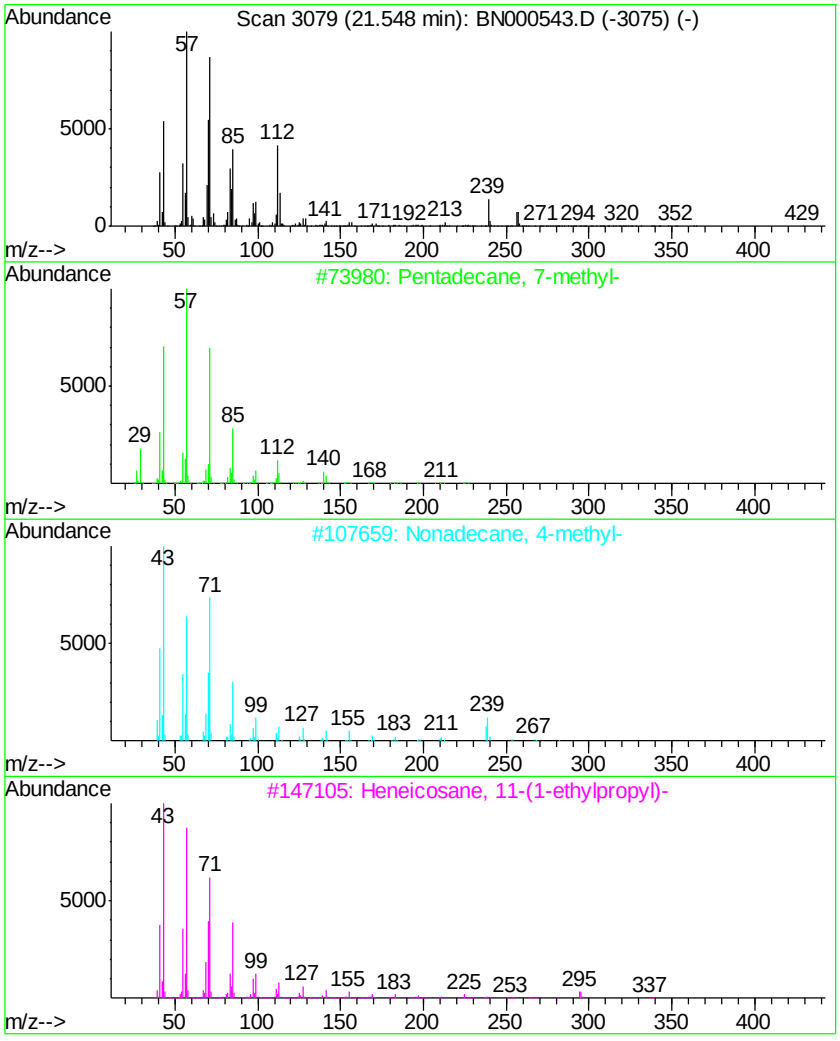
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

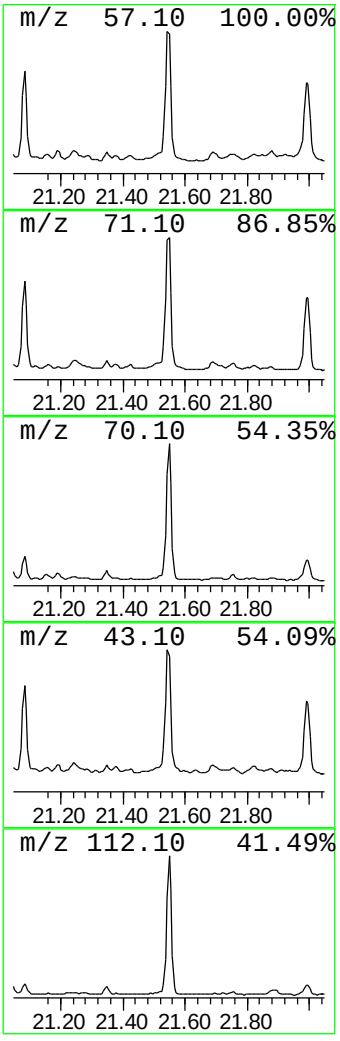
****

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	17.54 ng/ul	2644360	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
2	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	53
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	53
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	47
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

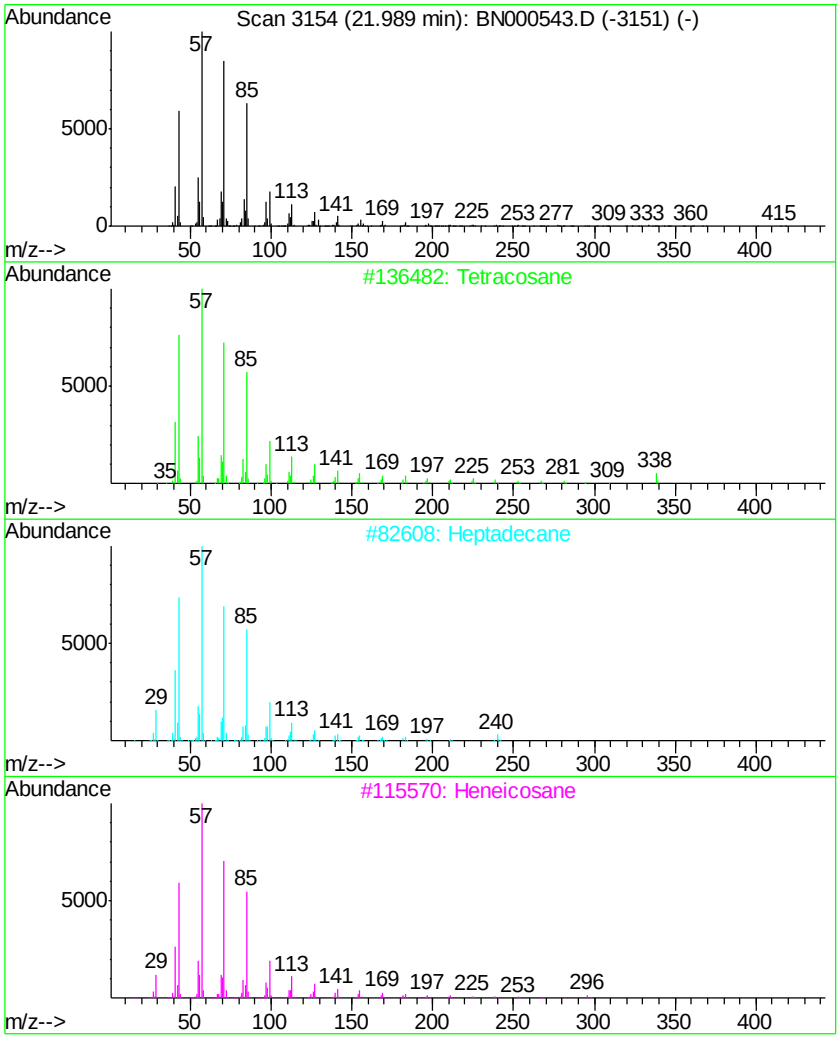
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

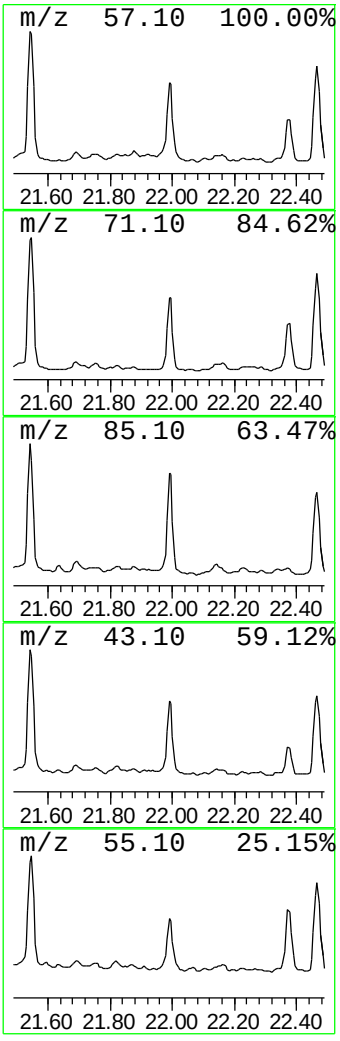
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	9.66 ng/ul	1456920	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Data Path : Z:\HPCHEM1\BNA N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

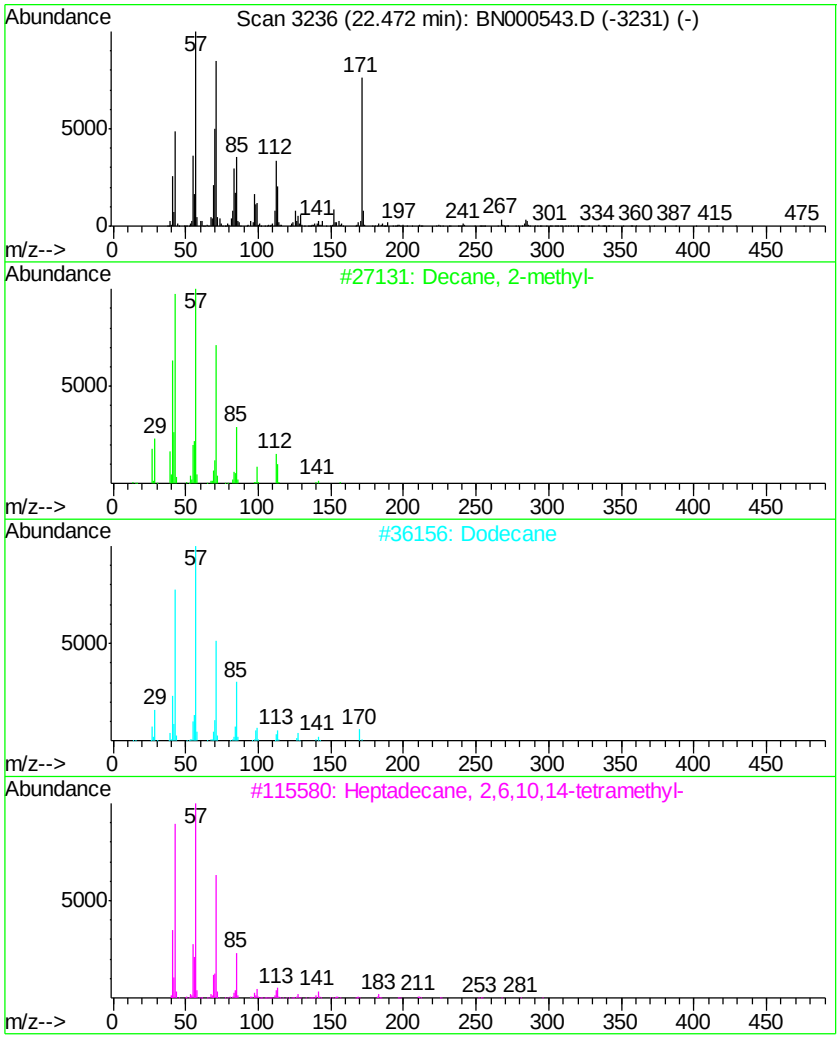
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

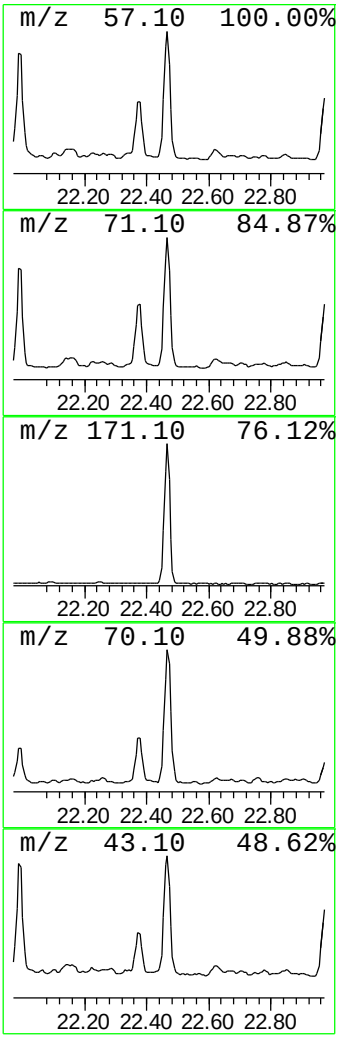
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	15.77 ng/ul	2377600	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	55
2	Dodecane	170	C12H26	000112-40-3	43
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43
4	Dodecane	170	C12H26	000112-40-3	42
5	Heptacosane	380	C27H56	000593-49-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\Data\BN032218\
Data File : BN000543.D
Acq On : 22 Mar 2018 16:46
Operator : JU/SJ
Sample : J1905-17DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM52DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.35	28.4	ng/ul	2677040	1	8.42	1882070	20.0
(DEL) Alkane: Cyc...	6.86	27.8	ng/ul	2615290	1	8.42	1882070	20.0
(DEL) Alkane: Cyc...	7.01	16.9	ng/ul	1593990	1	8.42	1882070	20.0
1,1-Hexylenedioxy...	7.11	21.4	ng/ul	2017240	1	8.42	1882070	20.0
(DEL) Alkane: Str...	7.36	18.1	ng/ul	1708270	1	8.42	1882070	20.0
(DEL) Alkane: Str...	7.42	19.3	ng/ul	1820140	1	8.42	1882070	20.0
Benzene, 1-ethyl-...	7.47	19.7	ng/ul	1857860	1	8.42	1882070	20.0
(DEL) Alkane: Str...	7.53	42.8	ng/ul	4023840	1	8.42	1882070	20.0
unknown-01	7.64	18.5	ng/ul	1740150	1	8.42	1882070	20.0
2-Heptanone, 4,6-...	7.81	60.9	ng/ul	5730570	1	8.42	1882070	20.0
(DEL) Alkane: Str...	8.01	75.1	ng/ul	7066420	1	8.42	1882070	20.0
Benzene, 1,2,3-tr...	8.05	20.5	ng/ul	1927880	1	8.42	1882070	20.0
(DEL) Alkane: Str...	8.37	20.0	ng/ul	1882070	1	8.42	1882070	20.0
1-Hexanol, 2-ethyl-	8.49	156.6	ng/ul	14734100	1	8.42	1882070	20.0
unknown-02	8.63	160.9	ng/ul	15141400	1	8.42	1882070	20.0
Cyclohexanone, 3,...	8.87	174.3	ng/ul	16401100	1	8.42	1882070	20.0
(DEL) Alkane: Str...	8.98	27.6	ng/ul	2593350	1	8.42	1882070	20.0
Benzene, 1,4-diet...	9.06	60.2	ng/ul	5667640	1	8.42	1882070	20.0
Benzene, 1-methyl...	9.23	18.1	ng/ul	1704230	1	8.42	1882070	20.0
Benzene, 1-methyl...	9.43	14.8	ng/ul	1393660	1	8.42	1882070	20.0
unknown-03	9.54	46.6	ng/ul	4390280	1	8.42	1882070	20.0
unknown-04	9.79	51.1	ng/ul	4810050	1	8.42	1882070	20.0
2,5-Heptadien-4-o...	9.85	59.1	ng/ul	6229340	2	11.26	2106750	20.0
(DEL) Alkane: Cyc...	10.03	14.2	ng/ul	1493250	2	11.26	2106750	20.0
(DEL) Alkane: Str...	10.49	24.3	ng/ul	2560790	2	11.26	2106750	20.0
(DEL) Alkane: Str...	10.64	17.2	ng/ul	1814050	2	11.26	2106750	20.0
1,4-Dioxaspiro[2....	10.75	38.4	ng/ul	4042550	2	11.26	2106750	20.0
(DEL) Alkane: Str...	11.19	59.2	ng/ul	6240480	2	11.26	2106750	20.0
unknown-05	11.54	24.2	ng/ul	2552160	2	11.26	2106750	20.0
2,4-Dipropyl-5-et...	11.60	52.5	ng/ul	5527570	2	11.26	2106750	20.0
(DEL) Alkane: Str...	11.73	25.6	ng/ul	2702070	2	11.26	2106750	20.0
unknown-06	11.84	12.6	ng/ul	1324320	2	11.26	2106750	20.0
(DEL) Alkane: Cyc...	11.93	16.4	ng/ul	1728160	2	11.26	2106750	20.0
(DEL) Alkane: Str...	12.23	18.5	ng/ul	1952480	2	11.26	2106750	20.0
Benzene, 1-(2-but...	12.31	24.6	ng/ul	2590430	2	11.26	2106750	20.0
unknown-07	12.47	40.3	ng/ul	4239740	2	11.26	2106750	20.0
(DEL) Alkane: Str...	12.61	42.5	ng/ul	4471810	2	11.26	2106750	20.0
unknown-08	12.66	31.8	ng/ul	3352290	2	11.26	2106750	20.0
(DEL) Alkane: Cyc...	12.77	31.9	ng/ul	3360490	2	11.26	2106750	20.0
unknown-09	13.02	25.6	ng/ul	2699190	2	11.26	2106750	20.0
Butanoic acid, bu...	13.77	15.3	ng/ul	3355940	3	15.04	4381820	20.0
unknown-10	14.07	13.7	ng/ul	3009490	3	15.04	4381820	20.0
Naphthalene, 2,6-...	14.21	20.4	ng/ul	4479290	3	15.04	4381820	20.0
Naphthalene, 1,3-...	14.36	8.4	ng/ul	1834990	3	15.04	4381820	20.0
(DEL) Alkane: Str...	14.48	6.1	ng/ul	1327210	3	15.04	4381820	20.0
3,4-Dimethyl(1H)p...	14.64	13.9	ng/ul	3044670	3	15.04	4381820	20.0
(DEL) Alkane: Str...	14.90	41.5	ng/ul	9083580	3	15.04	4381820	20.0
unknown-11	15.33	29.4	ng/ul	6447940	3	15.04	4381820	20.0
Cyclohexanone, 2-...	15.41	11.8	ng/ul	2575200	3	15.04	4381820	20.0

Phenol, 2,3,4,5-t...	15.57	17.6	ng/ul	3858290	3	15.04	4381820	20.0
(DEL) Alkane: Str...	15.83	26.5	ng/ul	5802560	3	15.04	4381820	20.0
(DEL) Alkane: Str...	16.23	7.2	ng/ul	1570560	3	15.04	4381820	20.0
(DEL) Alkane: Str...	16.68	41.8	ng/ul	4580310	4	17.78	2190520	20.0
(DEL) Alkane: Str...	18.20	33.1	ng/ul	3628770	4	17.78	2190520	20.0
(DEL) Alkane: Str...	18.88	21.9	ng/ul	2402820	4	17.78	2190520	20.0
(DEL) Alkane: Str...	19.50	20.0	ng/ul	2187080	4	17.78	2190520	20.0
(DEL) Alkane: Str...	20.07	9.9	ng/ul	1489560	5	21.90	3015980	20.0
(DEL) Alkane: Str...	20.60	9.5	ng/ul	1433120	5	21.90	3015980	20.0
(DEL) Alkane: Str...	21.55	17.5	ng/ul	2644360	5	21.90	3015980	20.0
(DEL) Alkane: Str...	21.99	9.7	ng/ul	1456920	5	21.90	3015980	20.0
(DEL) Alkane: Str...	22.47	15.8	ng/ul	2377600	5	21.90	3015980	20.0

Instrument :
BNA_N
ClientSampleId :
DAM52DL