LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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	5.408	328	335	346	rVB	1342537	2184439	2.78%	0.467%
2	6.349	490	495	502	rVB2	1976450	3204927	4.08%	0.685%
3	6.861	574	582	587	rBV	1983420	3532917	4.50%	0.755%
4	7.361	663	667	672	rVB	1523468	2210345	2.81%	0.472%
5	7.419	672	677	681	rBV	1601005	2393254	3.05%	0.511%
6	7.472	681	686	691	rBV	1518310	2412107	3.07%	0.515%
7	7.531	691	696	702	rVB3	2642798	4328540	5.51%	0.925%
8	7.813	741	744	752	rVV	1744212	2765723	3.52%	0.591%
9	8.013	772	778	782	rBV	5637987	9701634	12.34%	2.073%
10	8.049	782	784	793	rVB	1959615	2863826	3.64%	0.612%
11	8.366	833	838	843	rBV	1784475	2572195	3.27%	0.550%
12	8.484	843	858	862	rBV	6180531	15259678	19.42%	3.261%
13	8.619	877	881	885	rVB	2452824	3332285	4.24%	0.712%
14	8.860	914	922	927	rBV	3560055	6720170	8.55%	1.436%
15	8.925	927	933	937	rVB2	1059648	1834009	2.33%	0.392%
16	8.984	937	943	949	rVB2	1597726	3685814	4.69%	0.788%
17	9.060	949	956	962	rBV2	3762085	7066309	8.99%	1.510%
18	9.166	968	974	978	rBV	1728894	2548052	3.24%	0.545%
19	9.372	1004	1009	1014	rBV	1005707	1912162	2.43%	0.409%
20	9.431	1015	1019	1024	rVB	1135671	1870401	2.38%	0.400%
21	9.531	1031	1036	1045	rVB3	2039442	4126203	5.25%	0.882%
22	9.643	1045	1055	1060	rVB	6100115	11785887	15.00%	2.519%
23	9.778	1066	1078	1085	rBV8	1219217	5369916	6.83%	1.148%
24	9.872	1085	1094	1098	rBV4	1368526	4425025	5.63%	0.946%
25	10.278	1157	1163	1166	rBV	1661637	3054238	3.89%	0.653%
26	10.360	1172	1177	1183	rVB4	1375263	2481495	3.16%	0.530%
27	10.490	1196	1199	1204	rVB2	1443238	2074477	2.64%	0.443%
28	10.554	1205	1210	1217	rBV4	872148	2159336	2.75%	0.461%
29	10.637	1219	1224	1230	rVV4	1769642	3217240	4.09%	0.688%
30	10.754	1237	1244	1248	rVV2	2265646	4817903	6.13%	1.030%
31	10.996	1280	1285	1291	rVB	1152858	1884368	2.40%	0.403%
32	11.119	1292	1306	1309	rBV6	908408	2422092	3.08%	0.518%
33	11.196	1309	1319	1321	rBV3	3461049	8069705	10.27%	1.725%
34	11.219	1321	1323	1327	rVB	3631748	4331646	5.51%	0.926%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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	11.337	1335	1343	1346	rBV2	2117205	3778606	4.81%	0.808%
36	11.372	1346	1349	1355	rVB4	1618033	2684929	3.42%	0.574%
37	11.449	1355	1362	1368	rBV2	1109311	2077729	2.64%	0.444%
38	11.543	1368	1378	1382	rBV6	934734	2557825	3.25%	0.547%
39	11.601	1382	1388	1397	rVB	3693283	6196915	7.89%	1.324%
40	11.731	1402	1410	1415	rVB	1610580	2700045	3.44%	0.577%
41	11.843	1422	1429	1436	rVB4	974228	1973922	2.51%	0.422%
42	11.931	1436	1444	1448	rBV5	1075833	2606682	3.32%	0.557%
43	12.119	1472	1476	1481	rVV3	1372653	2770539	3.53%	0.592%
44	12.225	1489	1494	1499	rVV3	1648023	3217372	4.09%	0.688%
45	12.313	1505	1509	1520	rVB	2539559	4170253	5.31%	0.891%
46	12.466	1530	1535	1545	rVB2	2963921	4798335	6.11%	1.025%
47	12.613	1555	1560	1564	rBV	3596521	6031384	7.67%	1.289%
48	12.660	1564	1568	1574	rVB	2465248	3649714	4.64%	0.780%
49	12.748	1575	1583	1585	rBV2	1148642	2158999	2.75%	0.461%
50	12.890	1604	1607	1614	rVB	1321855	1899143	2.42%	0.406%
51	13.019	1625	1629	1632	rBV2	1268534	1876556	2.39%	0.401%
52	13.107	1637	1644	1652	rVB3	666389	1759718	2.24%	0.376%
53	13.260	1659	1670	1673	rBV7	932429	2843946	3.62%	0.608%
54	13.548	1714	1719	1725	rBV	1550162	2675207	3.40%	0.572%
55	13.766	1751	1756	1761	rVB2	1095168	1788058	2.28%	0.382%
56	13.831	1761	1767	1777	rBV	4133852	7610093	9.68%	1.626%
57	14.072	1804	1808	1821	rVB3	1409097	3094210	3.94%	0.661%
58	14.219	1822	1833	1842	rBV7	1437708	5423921	6.90%	1.159%
59	14.360	1851	1857	1864	rBV5	1481364	4389585	5.59%	0.938%
60	14.478	1875	1877	1881	rVB3	1761756	2173950	2.77%	0.465%
61	14.642	1902	1905	1915	rVB5	2238772	4456466	5.67%	0.952%
62	14.901	1943	1949	1953	rVB	7096072	12058584	15.34%	2.577%
63	15.054	1968	1975	1982	rBV5	2022097	4697944	5.98%	1.004%
64	15.154	1987	1992	1997	rBV	4314800	6433523	8.19%	1.375%
65	15.225	2000	2004	2007	rBV3	1067176	1763198	2.24%	0.377%
66	15.325	2015	2021	2028	rBV2	2383943	6045703	7.69%	1.292%
67	15.419	2034	2037	2044	rVB4	1161568	2230970	2.84%	0.477%
68	15.501	2046	2051	2055	rVV2	1895069	2938902	3.74%	0.628%
69	15.560	2057	2061	2070	rVV8	1795693	4765014	6.06%	1.018%
70	15.672	2070	2080	2090	rVV3	8463117	20519502	26.11%	4.385%
71	15.778	2092	2098	2101	rVV2	4512317	7615821	9.69%	1.628%

LSC Area Percent Report

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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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	15.831	2101	2107	2114	rVB2	4491496	8923942	11.36%	1.907%
73	16.113	2151	2155	2160	rVB	1262628	1887035	2.40%	0.403%
74	16.231	2172	2175	2179	rVB	1749086	2485832	3.16%	0.531%
75	16.448	2209	2212	2219	rVB4	1120753	1746282	2.22%	0.373%
76	16.619	2237	2241	2248	rVB2	2008489	3268246	4.16%	0.698%
77	16.689	2248	2253	2255	rBV	4323893	6666405	8.48%	1.425%
78	17.048	2310	2314	2321	rVB6	1267938	2399890	3.05%	0.513%
79	17.501	2372	2391	2395	rBV2	13963236	78590156	100.00%	16.796%
80	17.831	2443	2447	2452	rVB3	1893891	3045148	3.87%	0.651%
81	18.013	2473	2478	2481	rBV4	1026496	2193628	2.79%	0.469%
82	18.207	2506	2511	2520	rVB	3751398	5763717	7.33%	1.232%
83	18.378	2537	2540	2546	rVB	1890180	2263775	2.88%	0.484%
84	18.883	2622	2626	2630	rVB	3171400	3782980	4.81%	0.808%
85	19.501	2727	2731	2733	rBV	2845949	3583698	4.56%	0.766%
86	19.525	2733	2735	2739	rVB2	2372505	2631066	3.35%	0.562%
87	19.654	2752	2757	2761	rVB2	1413347	2112355	2.69%	0.451%
88	20.066	2823	2827	2831	rVB	2207009	2629855	3.35%	0.562%
89	20.589	2913	2916	2921	rBV2	2008994	2469165	3.14%	0.528%
90	21.077	2996	2999	3003	rBV	1808708	1908759	2.43%	0.408%
91	21.542	3073	3078	3085	rVB	3852900	4905197	6.24%	1.048%
92	21.883	3131	3136	3141	rBV2	1690993	2554846	3.25%	0.546%
93	21.983	3149	3153	3160	rVB	1801861	2457327	3.13%	0.525%
94	22.366	3214	3218	3223	rBV	1674742	2269106	2.89%	0.485%
95	22.460	3229	3234	3240	rVB2	2819322	4188120	5.33%	0.895%
96	22.966	3316	3320	3323	rBV	1172139	1851113	2.36%	0.396%
97	23.154	3348	3352	3357	rVB	1037104	1898693	2.42%	0.406%
98	23.307	3373	3378	3384	rVB	1338155	2494622	3.17%	0.533%
99	23.524	3411	3415	3427	rVV2	832185	1795263	2.28%	0.384%
100	24.371	3553	3559	3565	rVB	1096903	2101650	2.67%	0.449%

Sum of corrected areas: 467919452

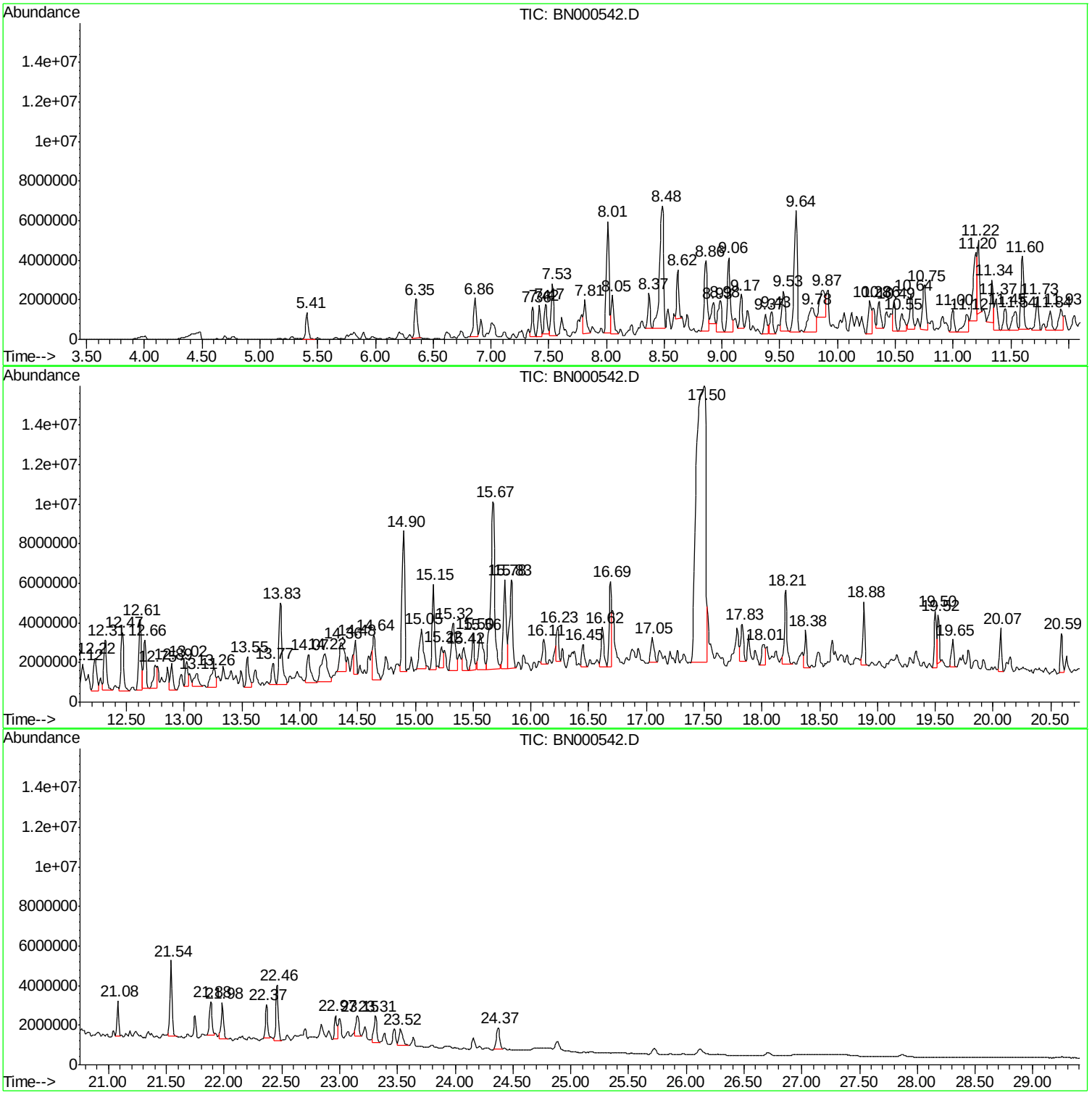
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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 : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

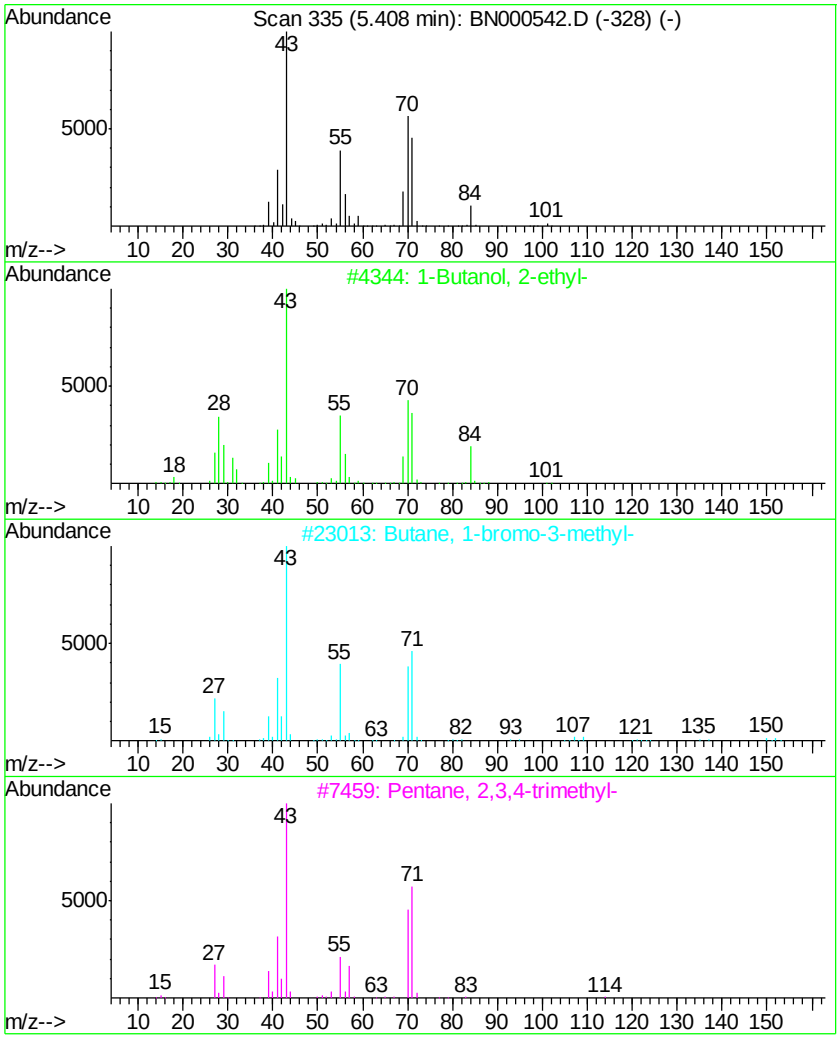
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

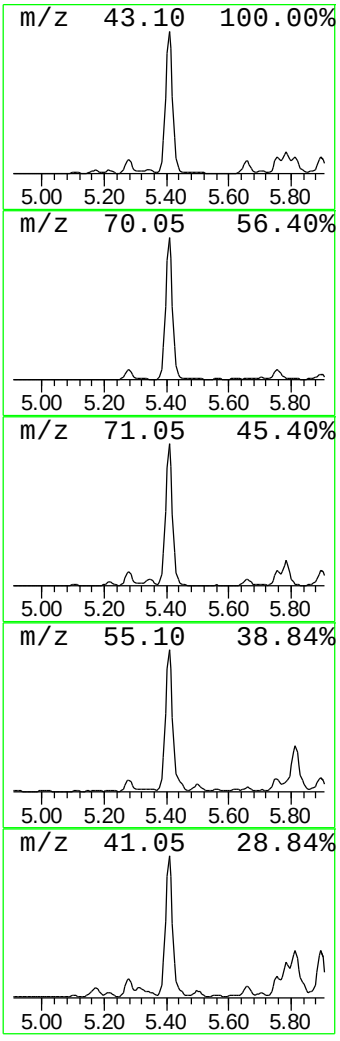
****

Peak Number 1 1-Butanol, 2-ethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	16.99 ng/ul	2184440	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	83
2	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	53
5	Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	53





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

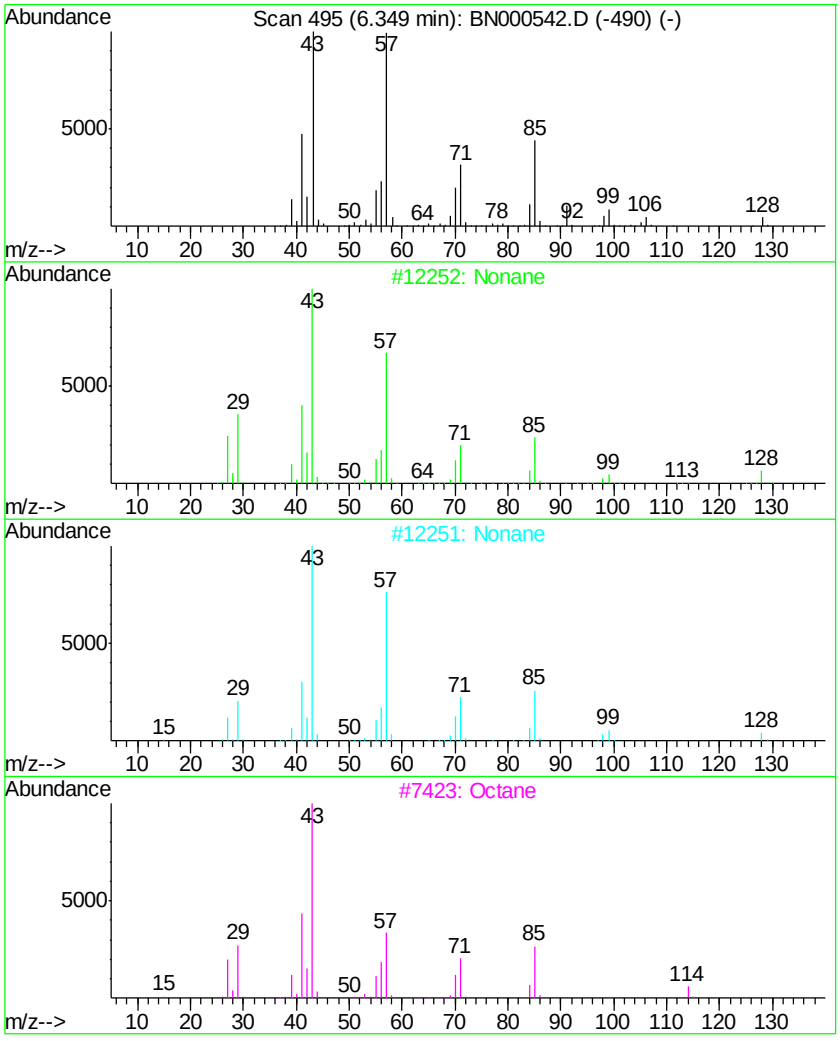
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

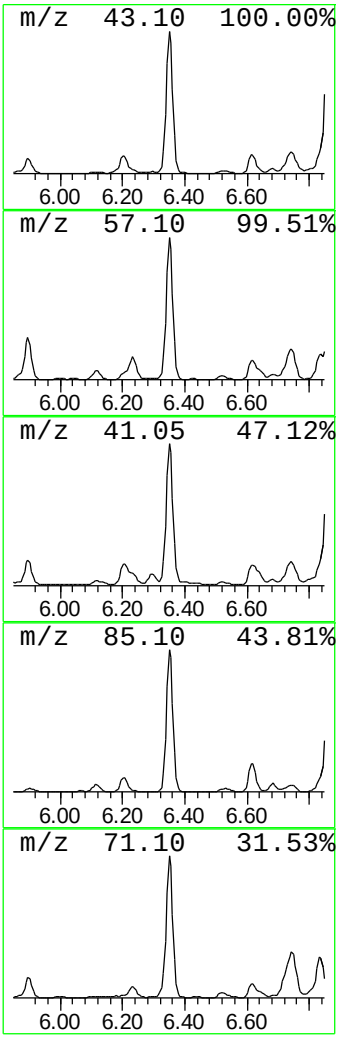
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	24.92 ng/ul	3204930	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	91
3	Octane	114	C8H18	000111-65-9	72
4	Octane	114	C8H18	000111-65-9	64
5	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	59





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

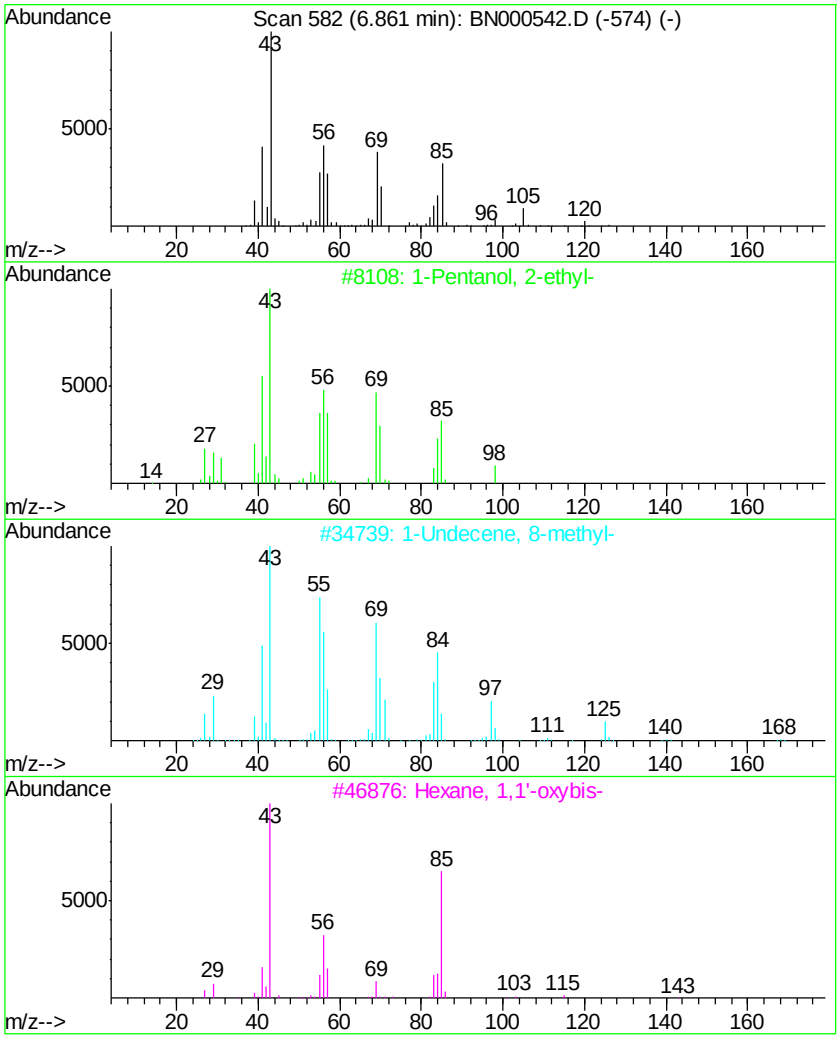
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

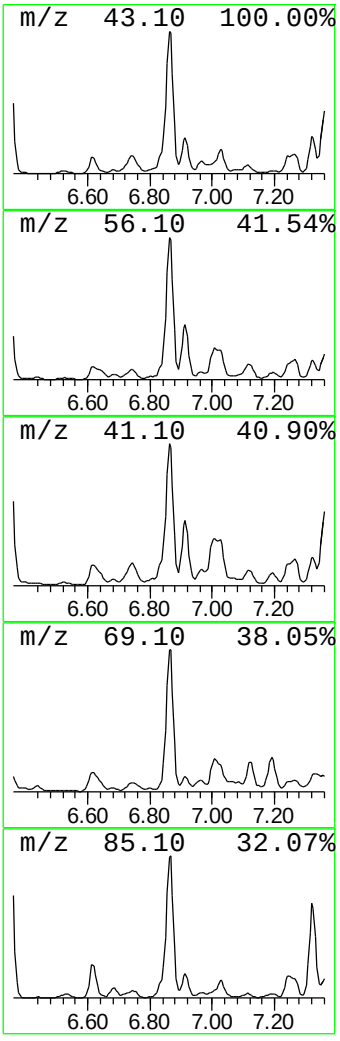
****

Peak Number 3 1-Pentanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	27.47 ng/ul	3532920	1,4-Dichlorobenzene-d4	8.42

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





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

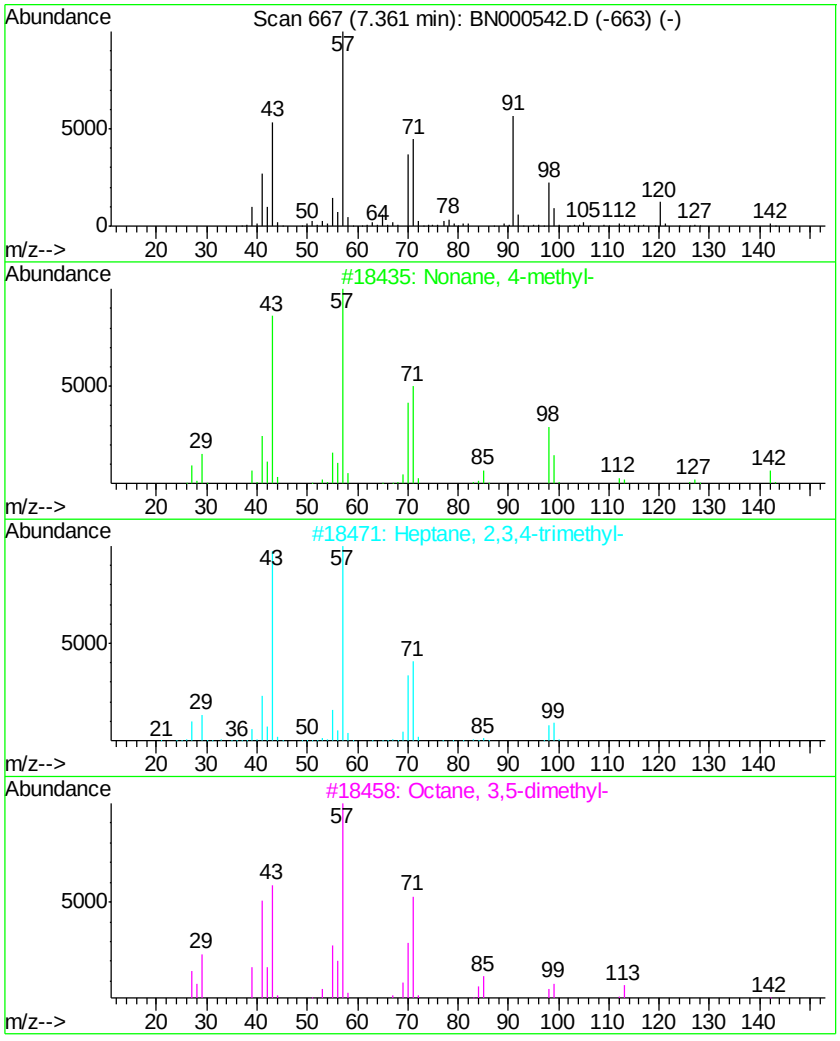
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

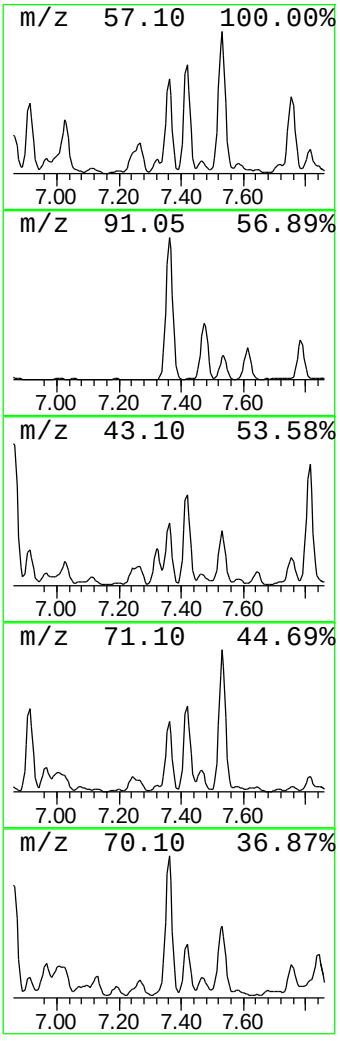
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	17.19 ng/ul	2210350	1,4-Dichlorobenzene-d4	8.42

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





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

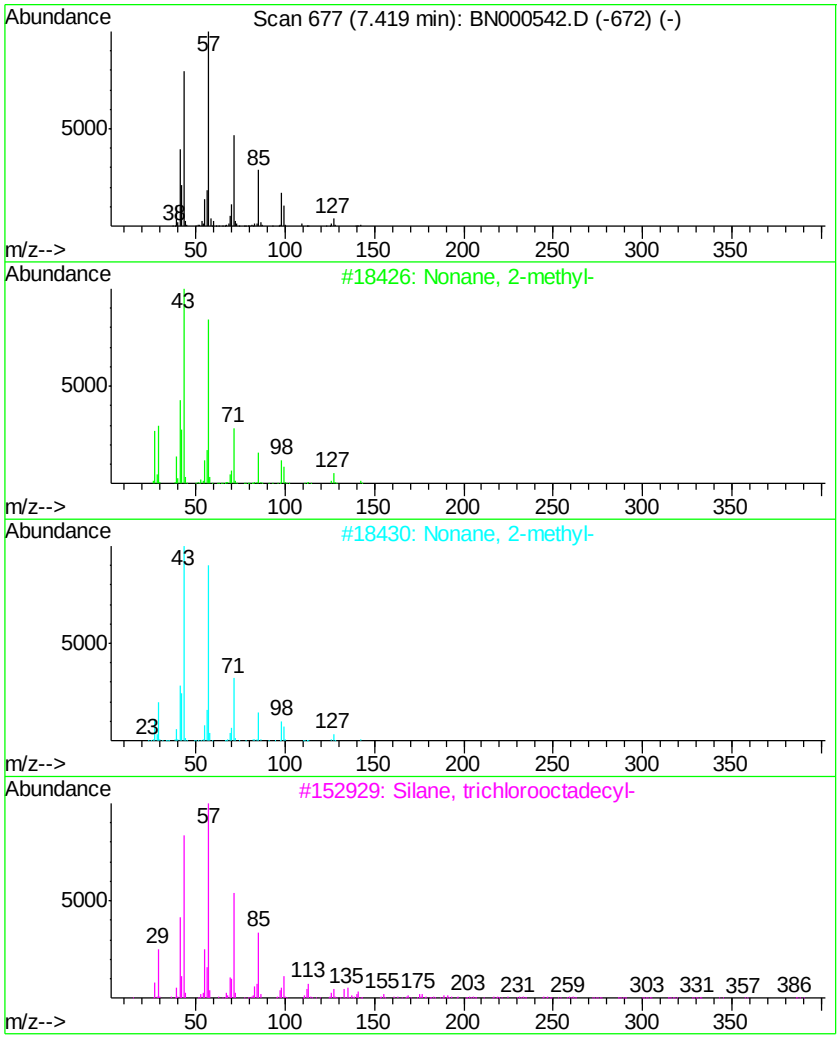
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

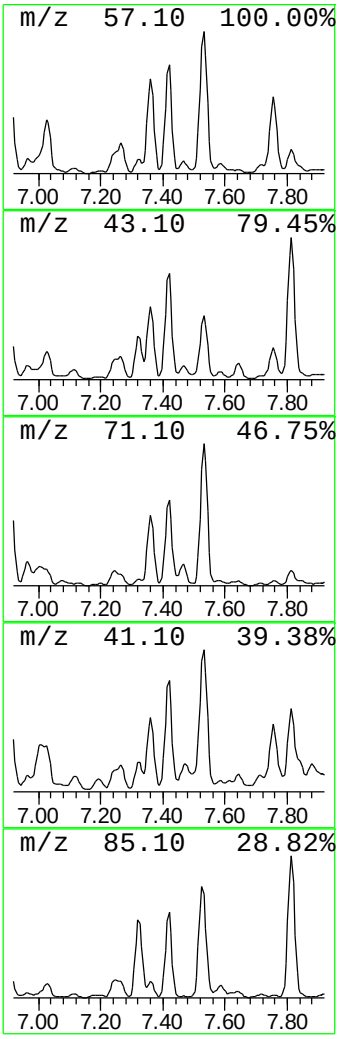
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	18.61 ng/ul	2393250	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	86
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	81
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

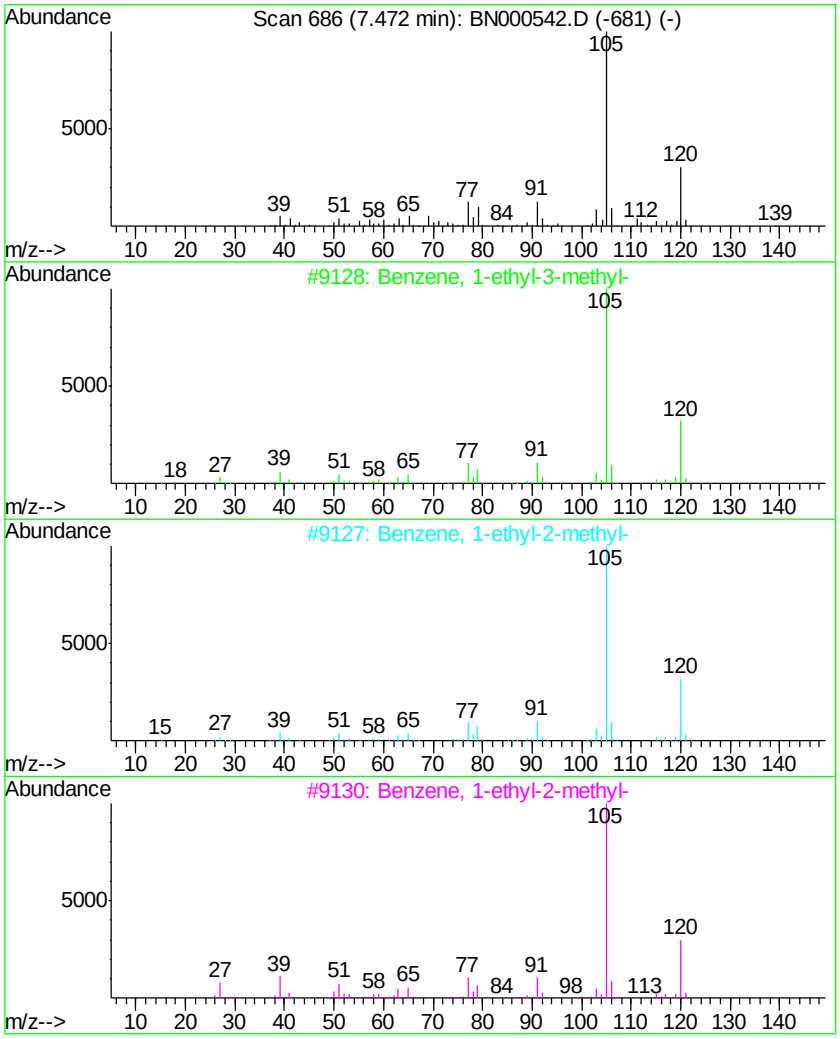
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

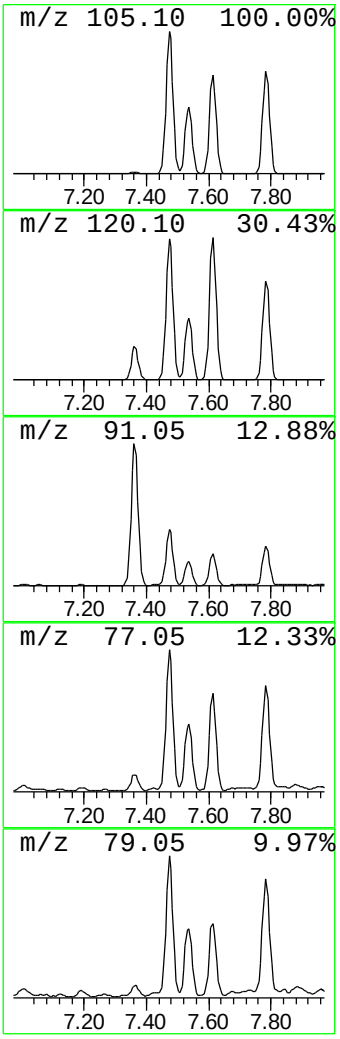
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	18.76 ng/ul	2412110	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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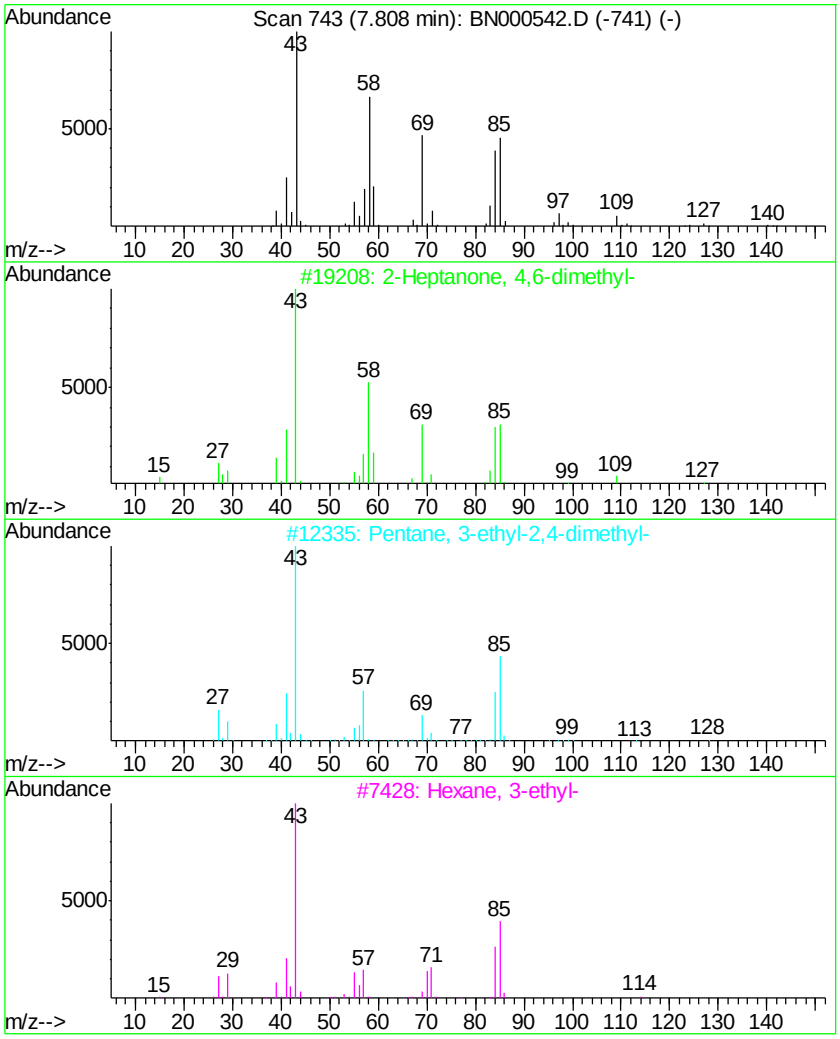
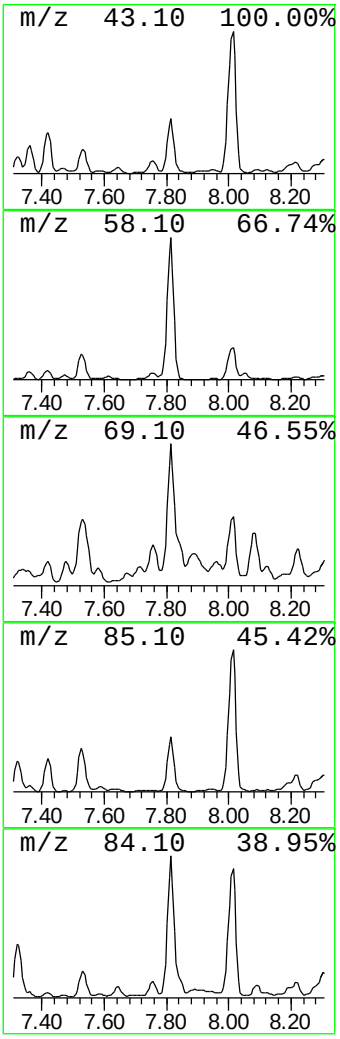
Peak Number 7 2-Heptanone, 4,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	21.50 ng/ul	2765720	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	43
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	37
5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	35





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : DAM46DL

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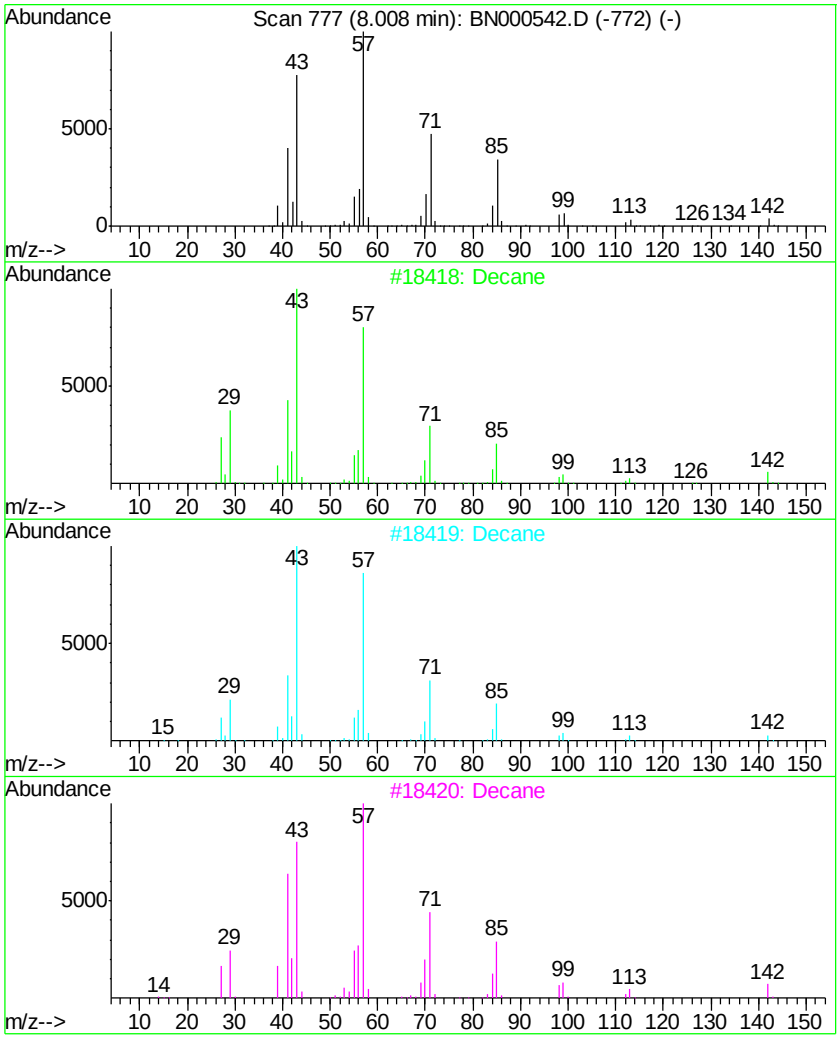
Quant Title : SVOA CALIBRATION

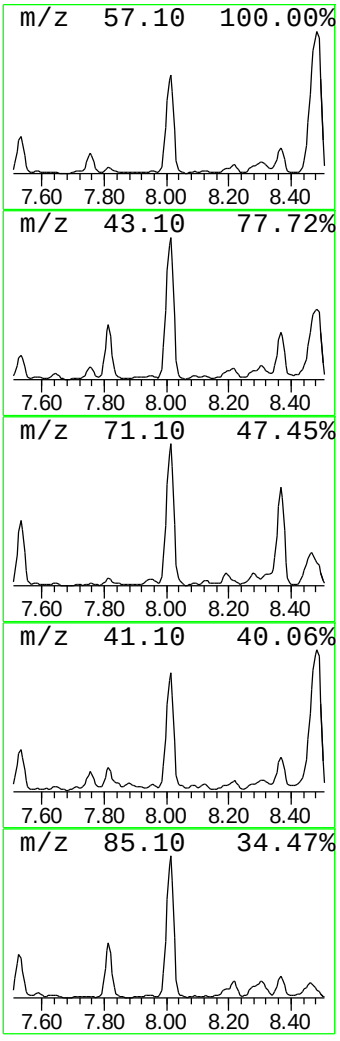
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	75.43 ng/ul	9701630	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	91
4	Tridecane	184	C13H28	000629-50-5	83
5	Tetradecane	198	C14H30	000629-59-4	83





Library Search Compound Report

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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

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

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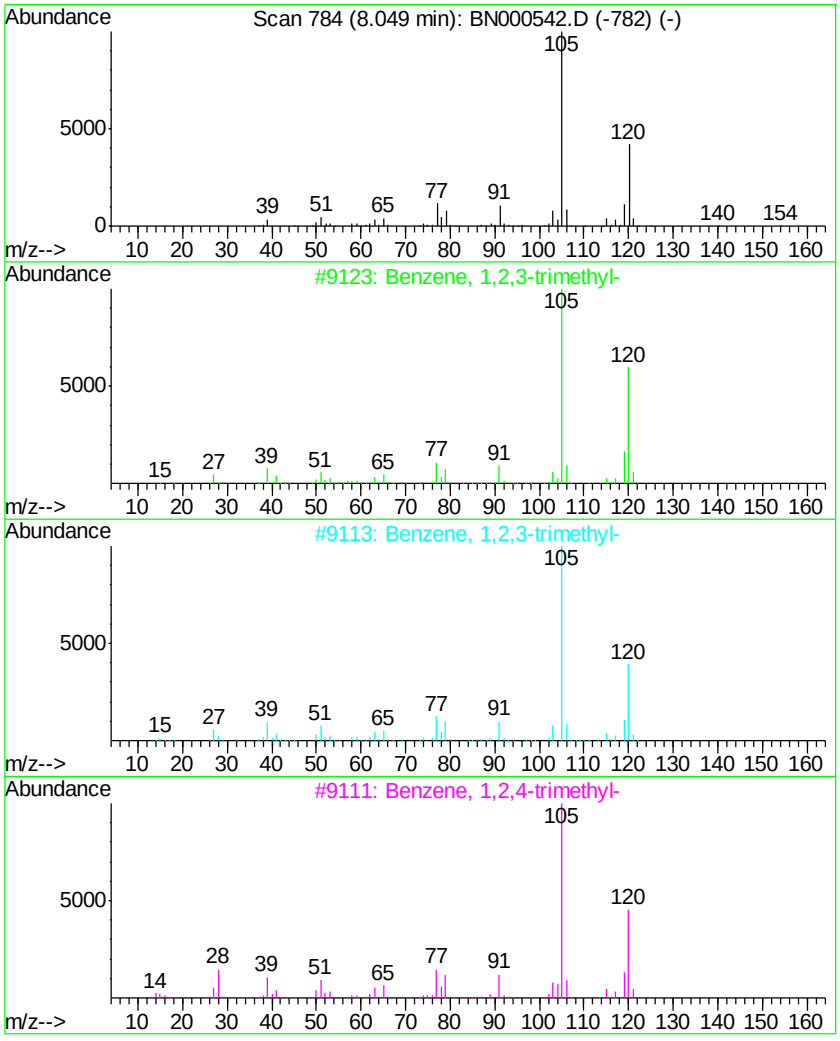
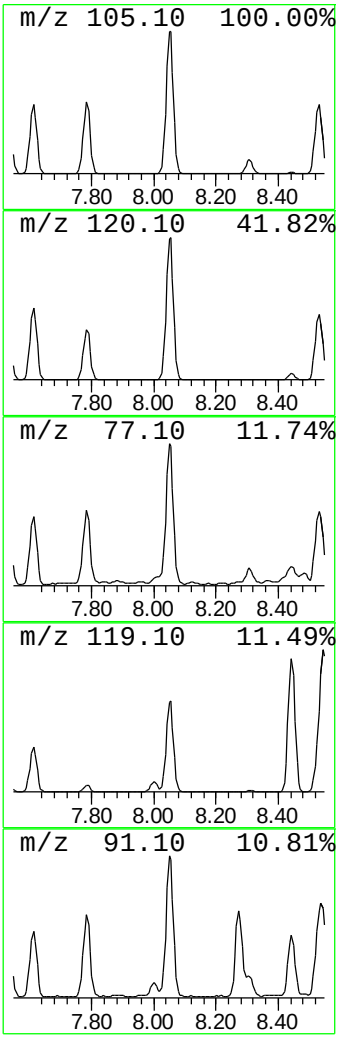
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	22.27 ng/ul	2863830	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Misc :
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Instrument : BNA_N
ClientSampleId : DAM46DL

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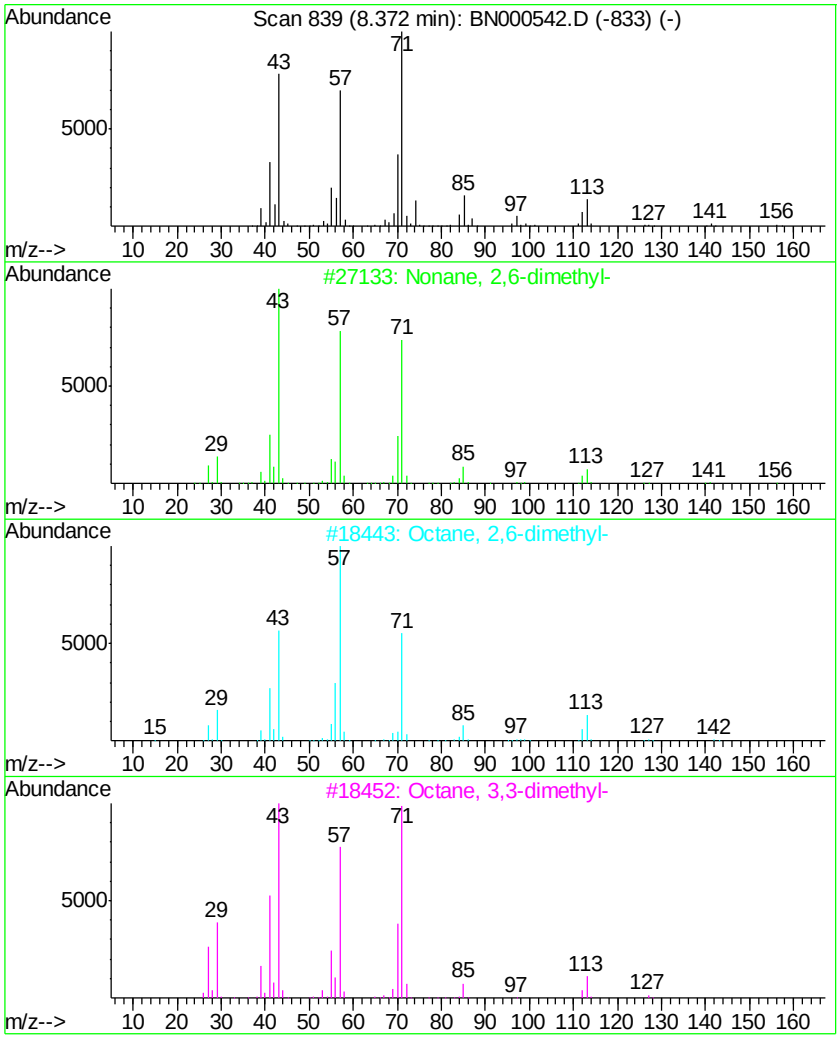
Quant Title : SVOA CALIBRATION

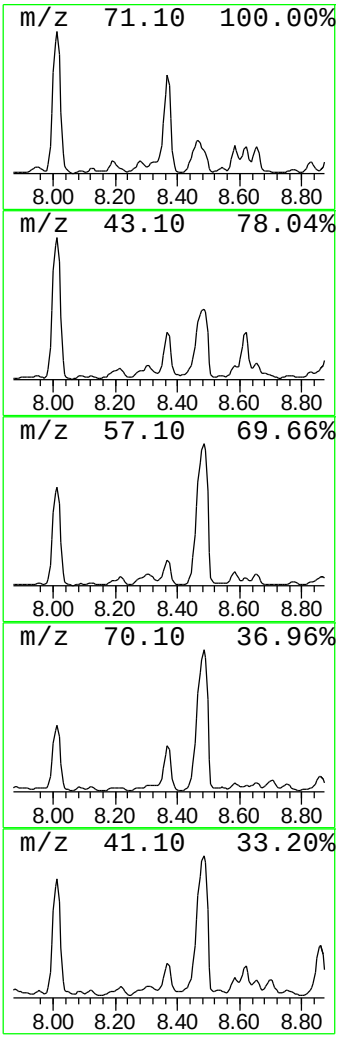
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	20.00 ng/ul	2572200	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	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

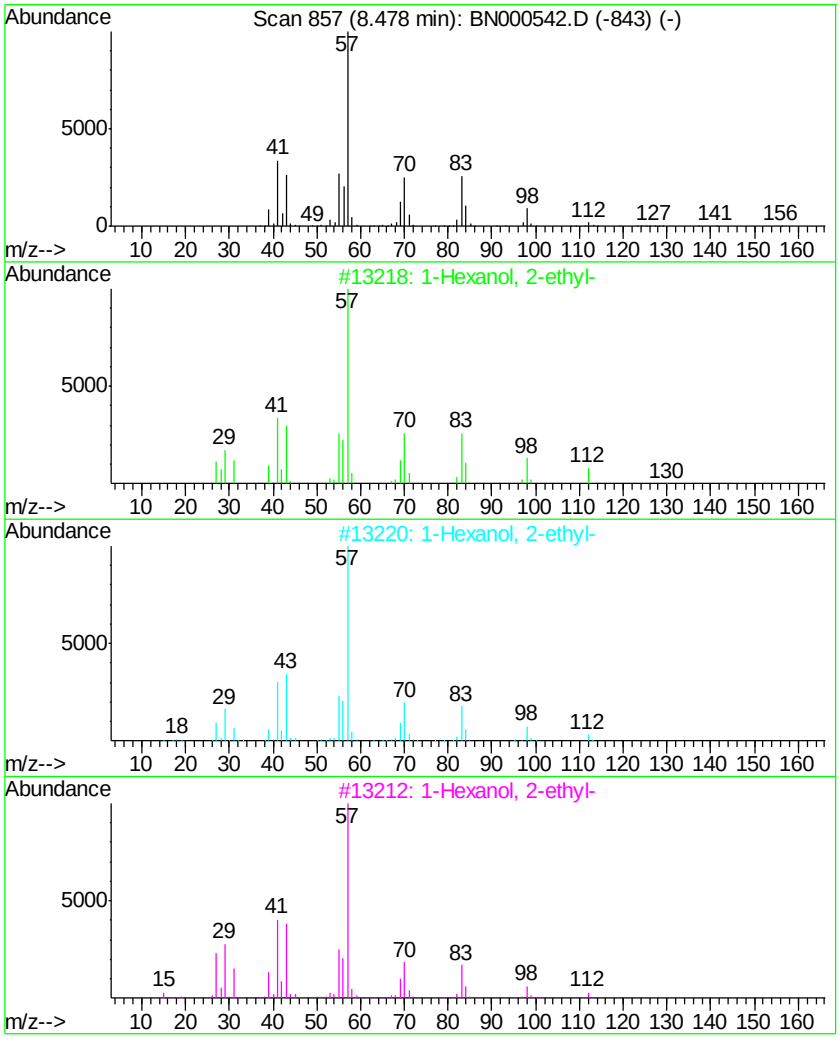
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

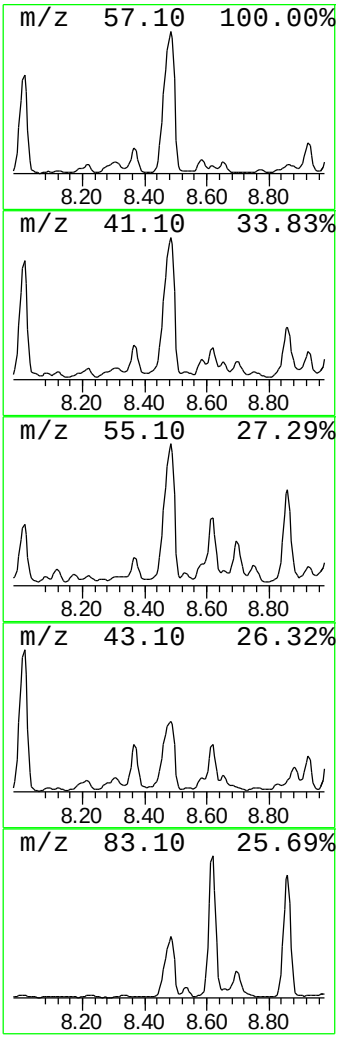
****

Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	118.65 ng/ul	15259700	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

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

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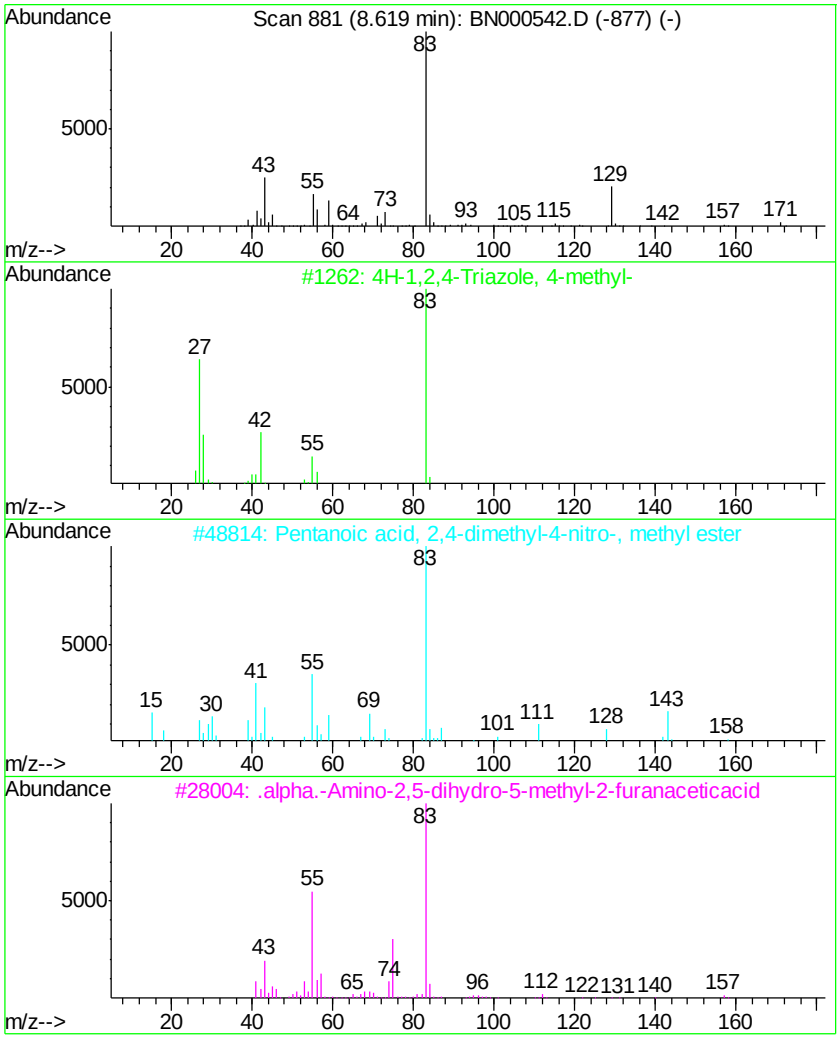
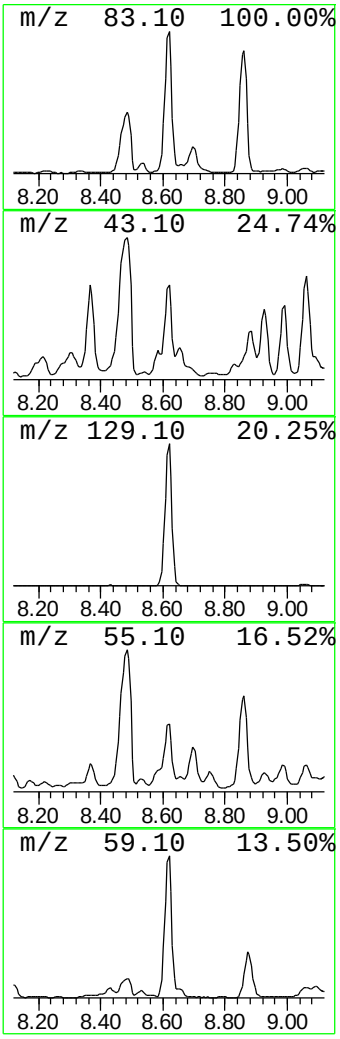
Peak Number 12 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	25.91 ng/ul	3332290	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	40
2	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
3	.alpha.-Amino-2,5-dihydro-5-meth...	157	C7H11NO3	018455-25-9	33
4	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	33
5	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	33





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Misc :
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Quant Title : SVOA CALIBRATION

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

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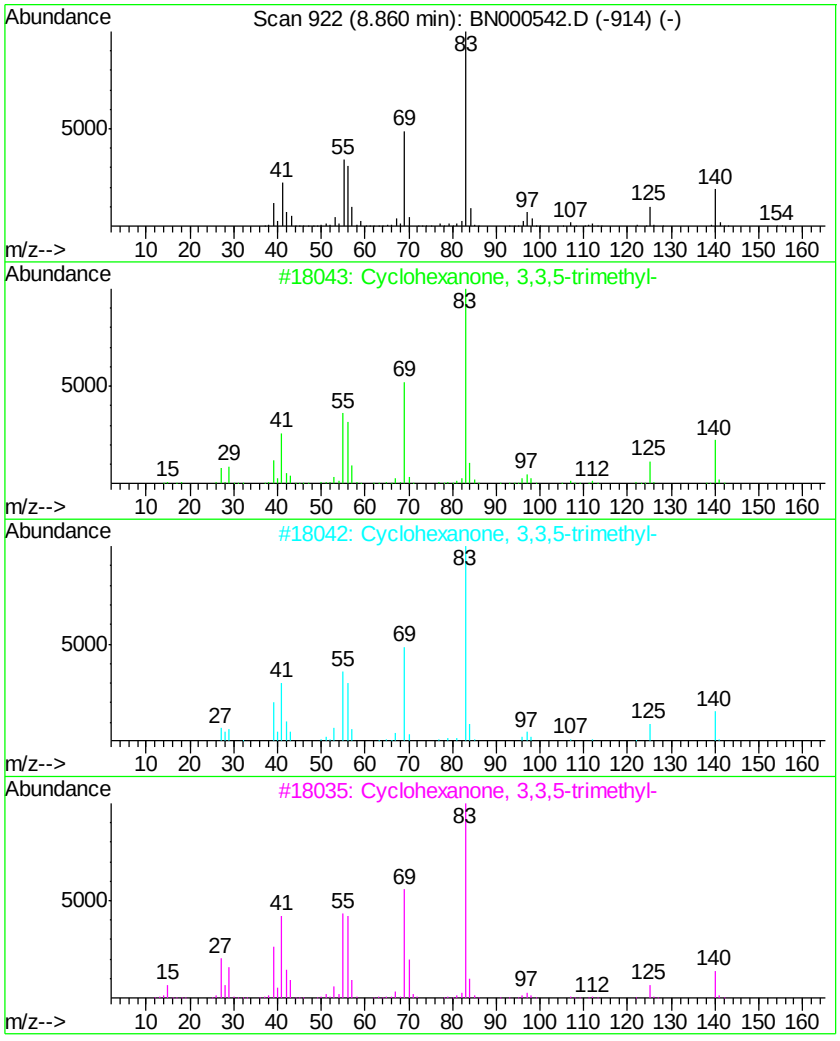
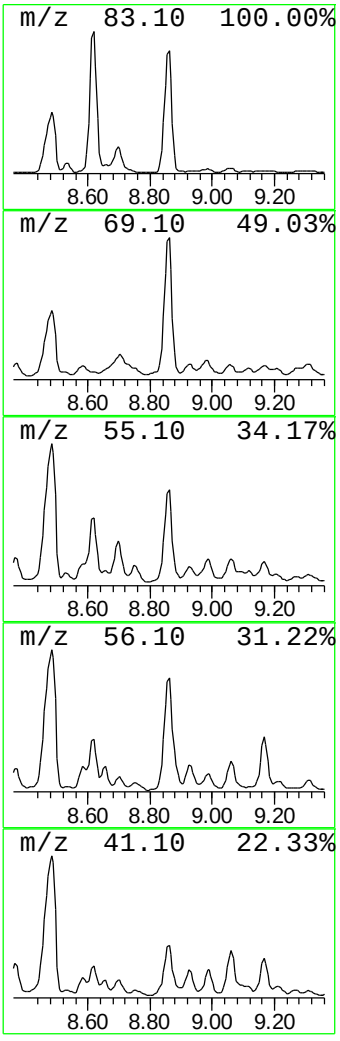
Peak Number 13 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	52.25 ng/ul	6720170	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	56
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50





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Misc :
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Instrument : BNA_N
ClientSampleId : DAM46DL

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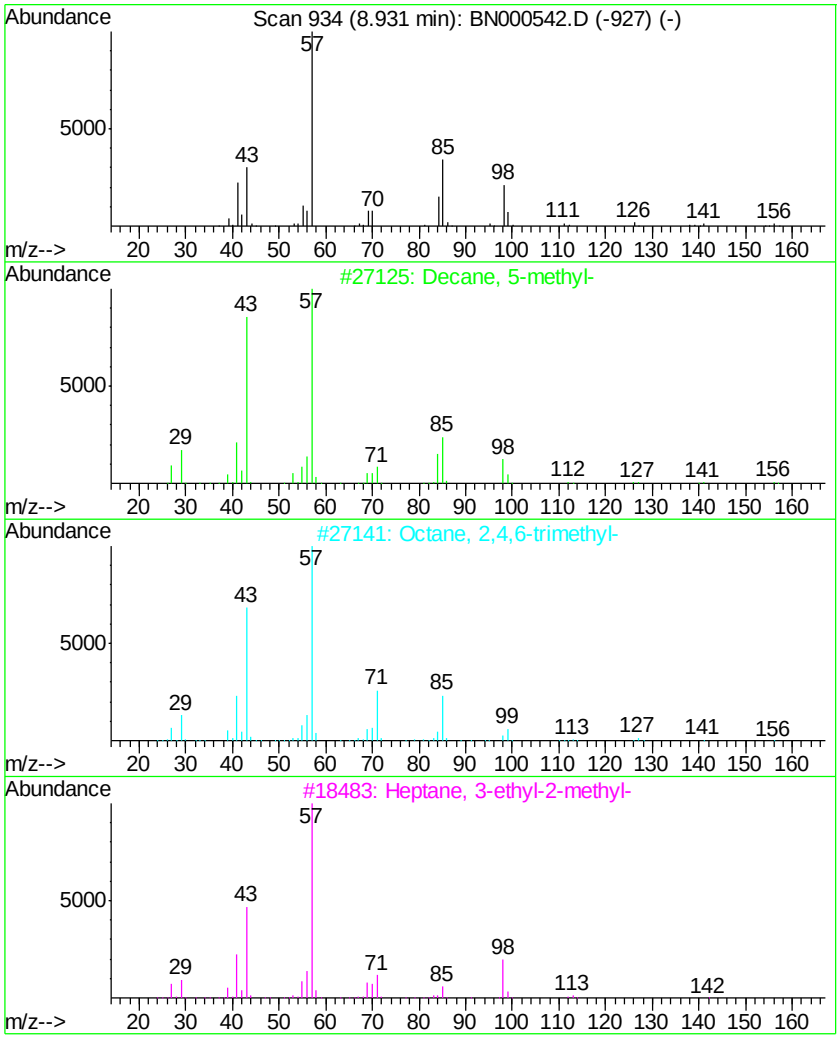
Quant Title : SVOA CALIBRATION

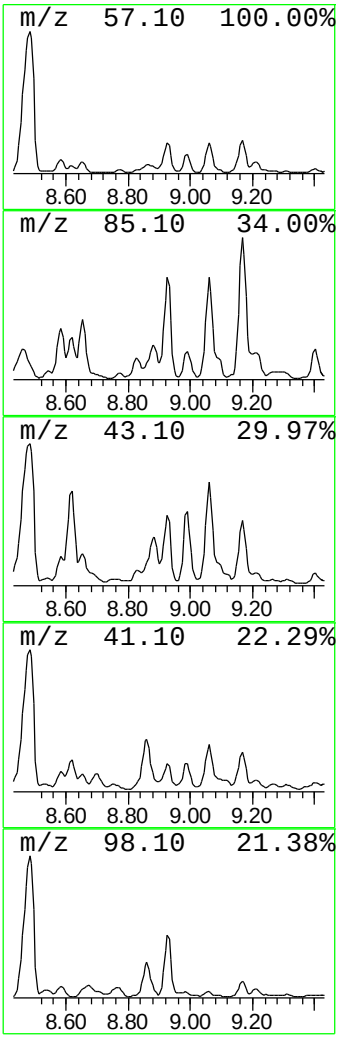
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	14.26 ng/ul	1834010	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
4	Heptacosane	380	C27H56	000593-49-7	38
5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	38





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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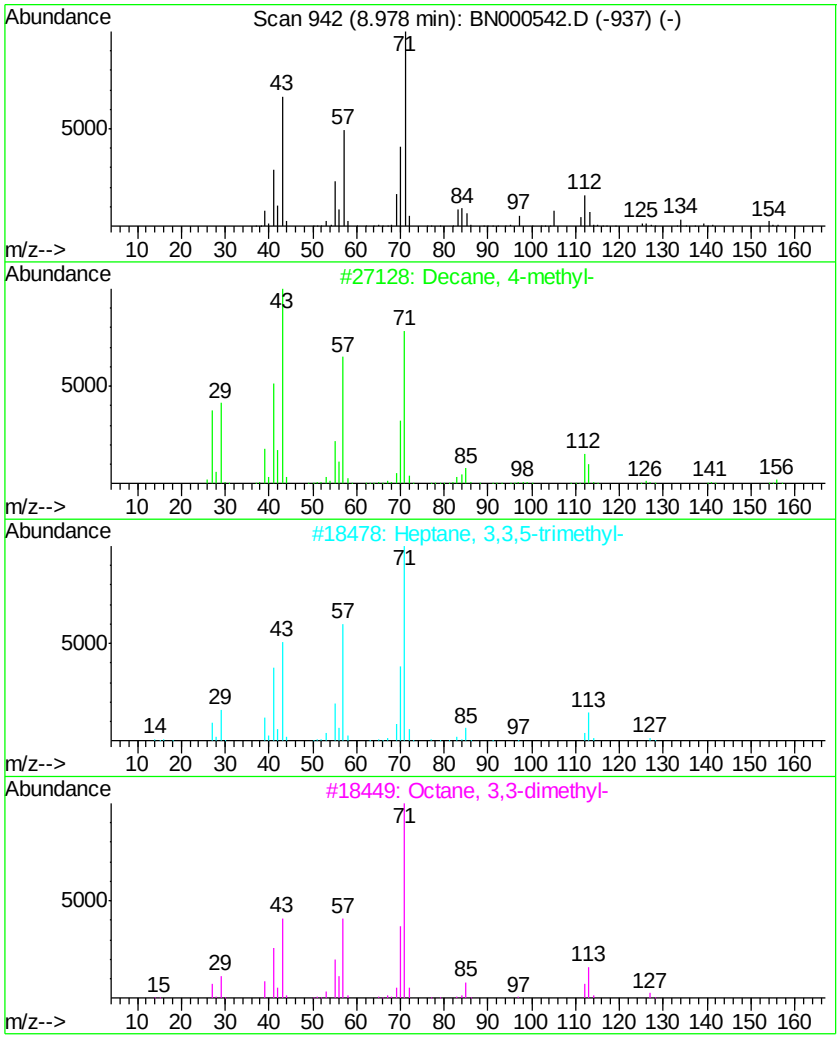
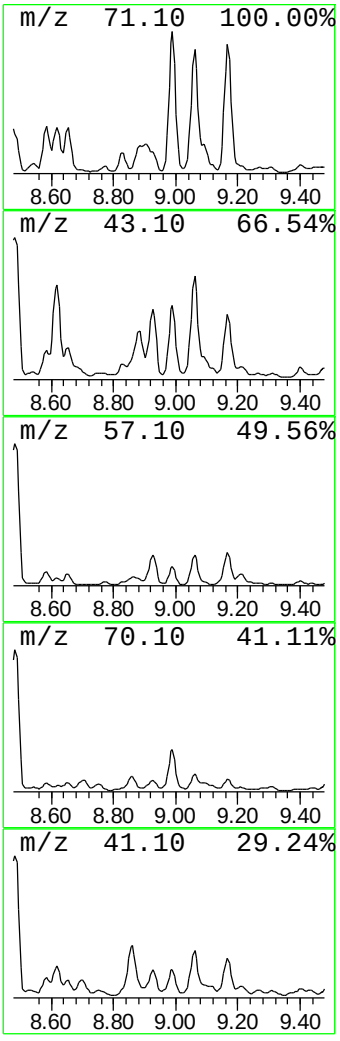
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	28.66 ng/ul	3685810	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	64
5	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	64





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Quant Title : SVOA CALIBRATION

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

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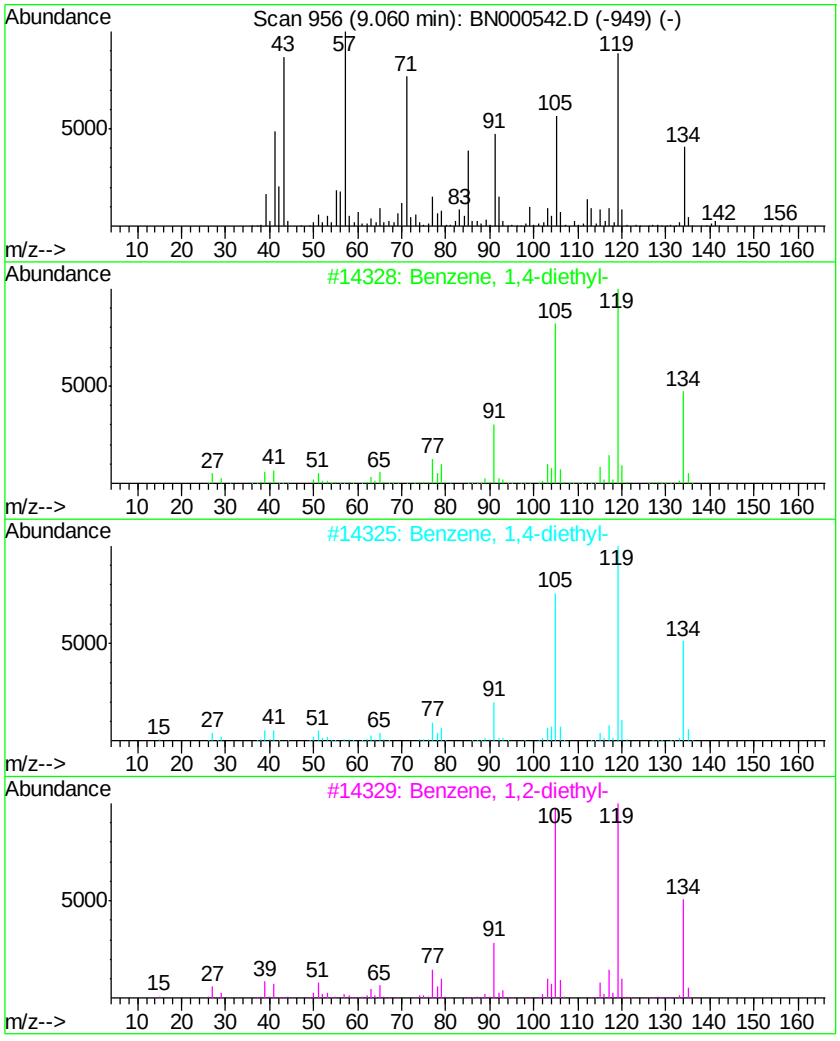
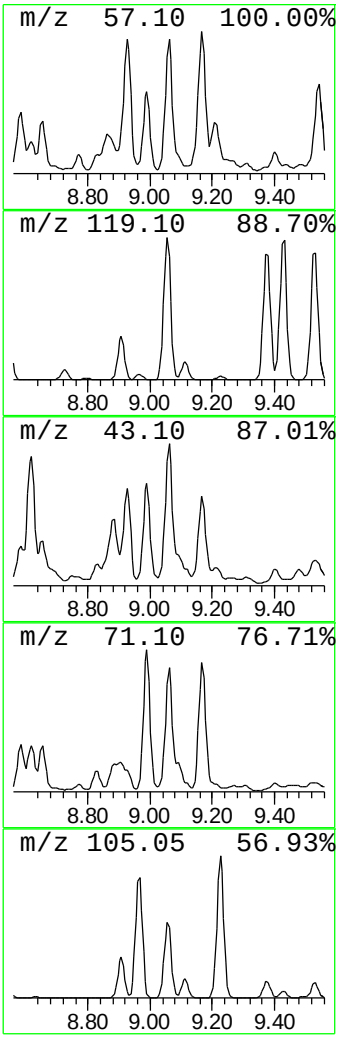
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	54.94 ng/ul	7066310	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	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	52





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

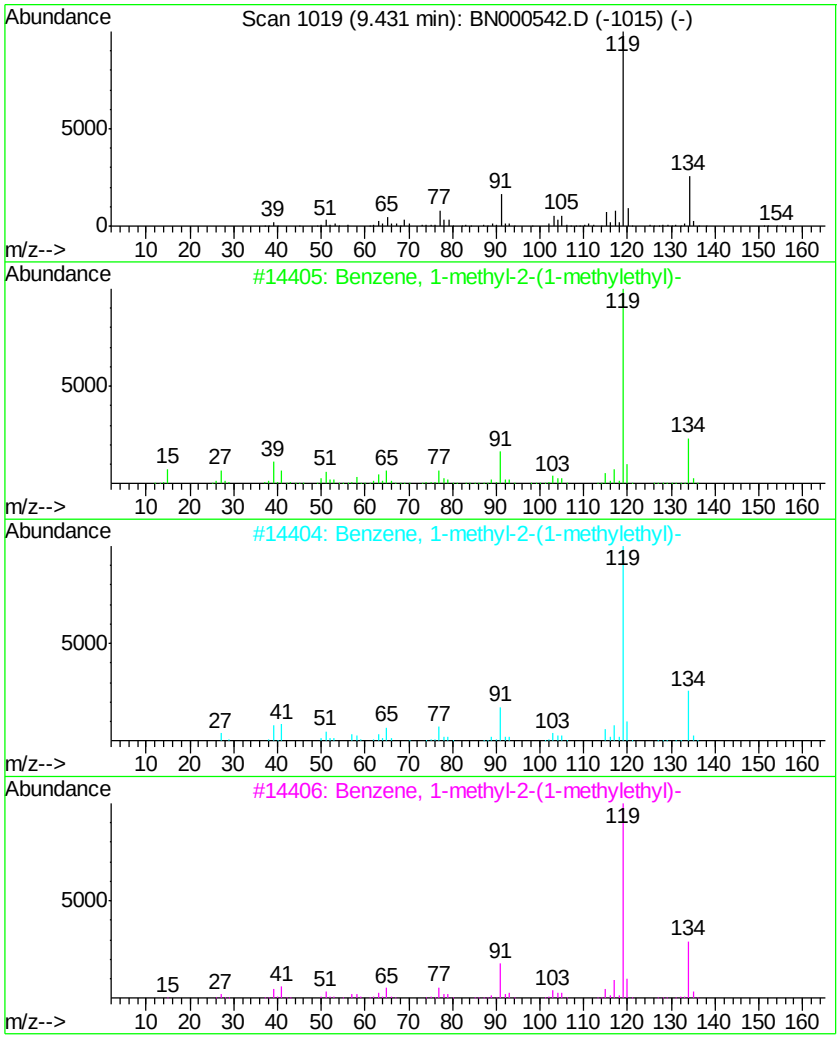
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

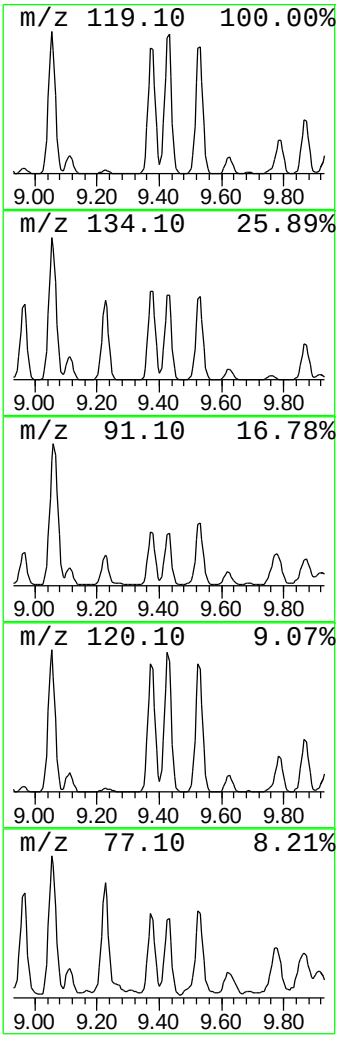
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-2-(1-meth... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	14.54 ng/ul	1870400	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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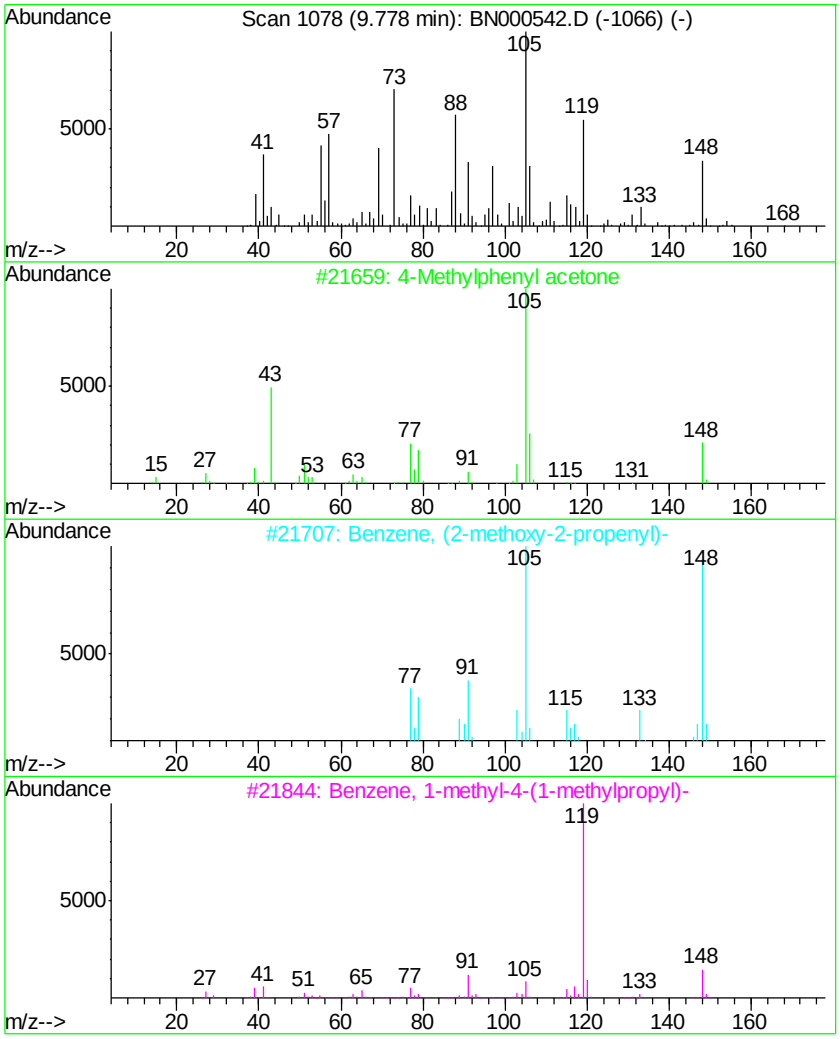
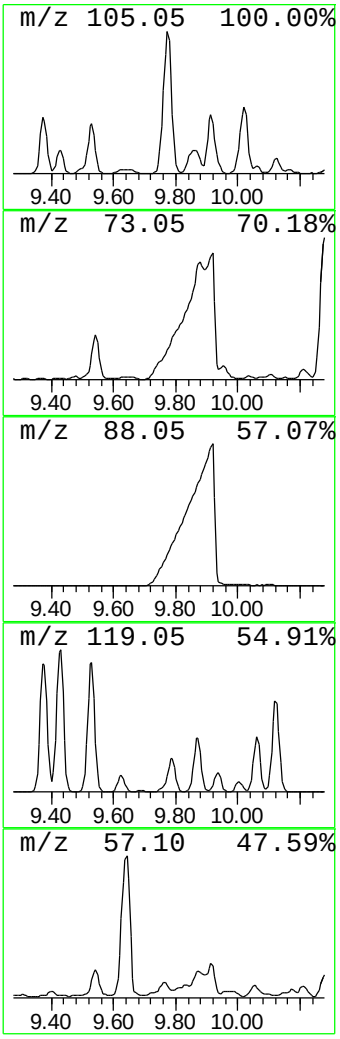
Peak Number 19 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	41.75 ng/ul	5369920	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
2	Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	30
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	27
4	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	22
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	22





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

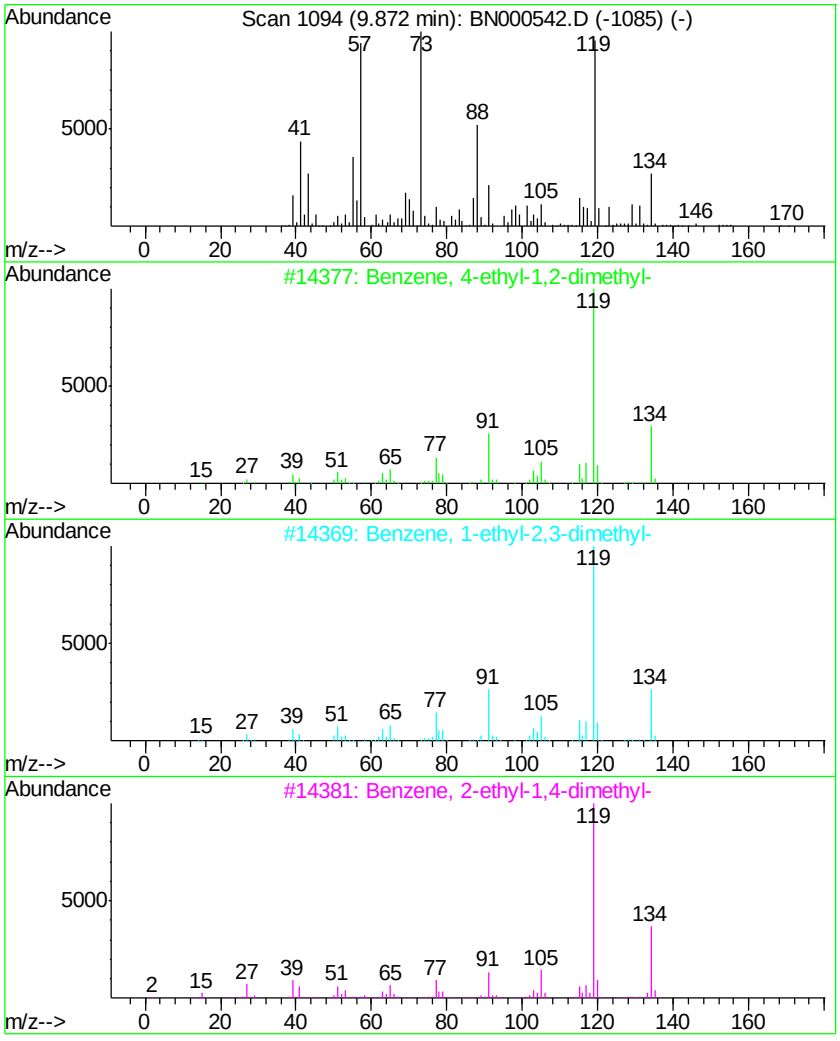
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

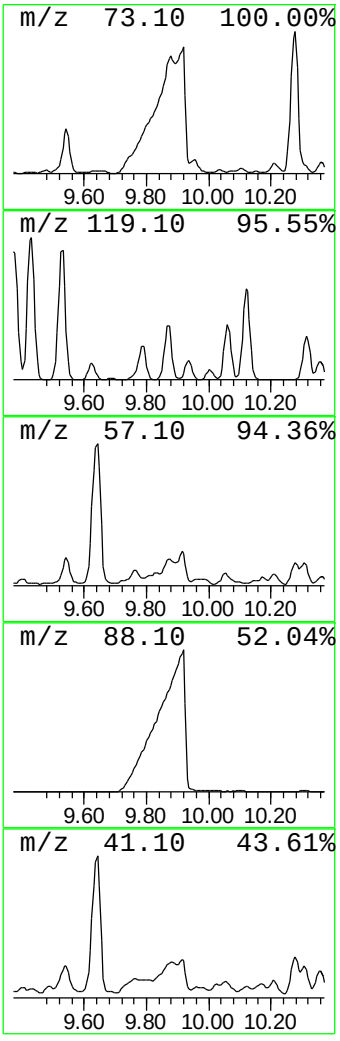
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	20.43 ng/ul	4425030	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	55
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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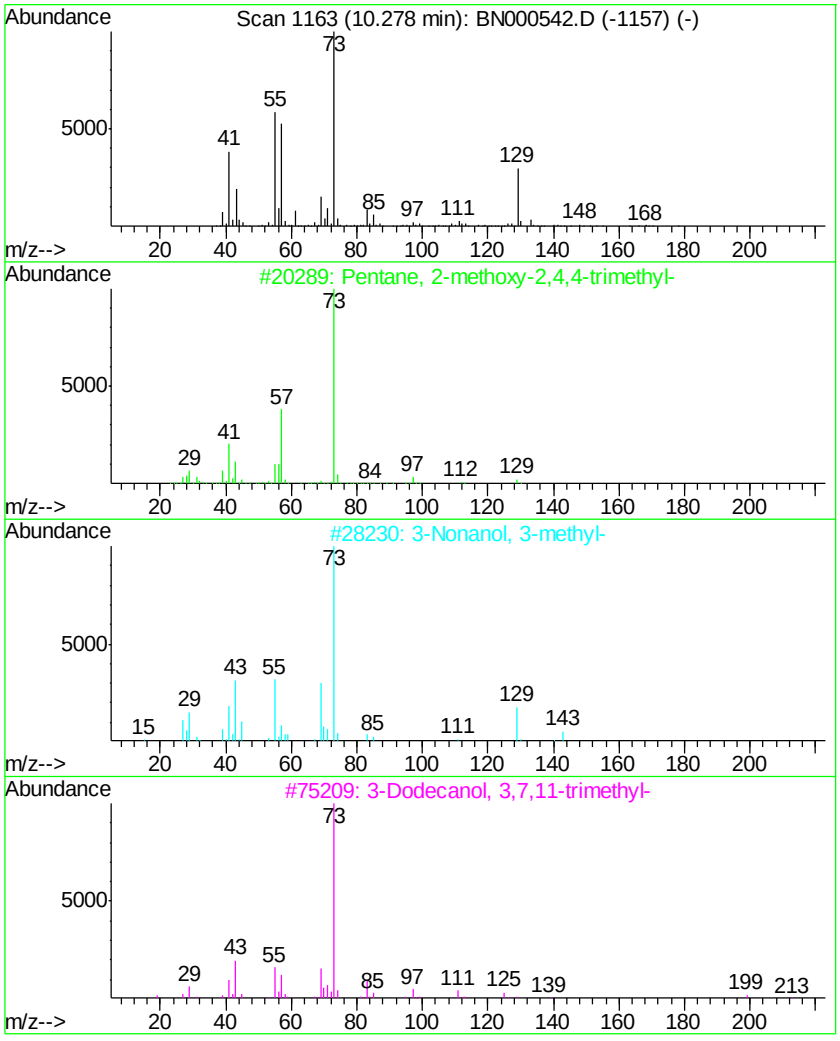
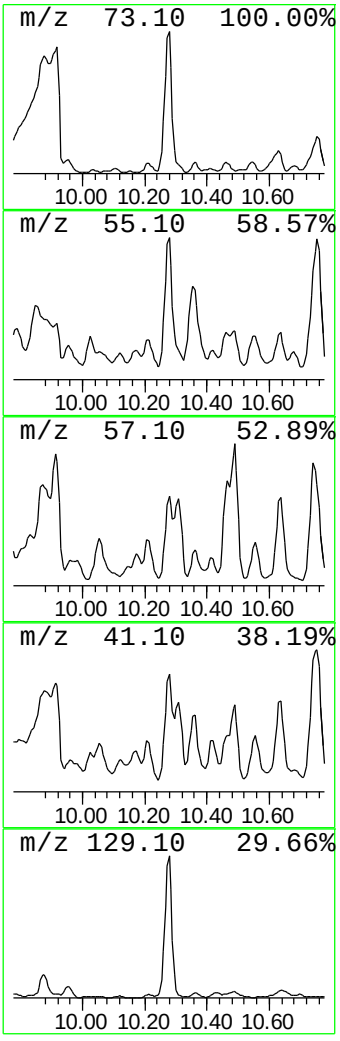
Peak Number 21 unknown-03 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	14.10 ng/ul	3054240	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methoxy-2,4,4-trimethyl-	144	C9H20O	062108-41-2	32
2	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	32
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	16
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	14
5	Cyclopropane, pentamethyl-	112	C8H16	014172-83-9	12





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

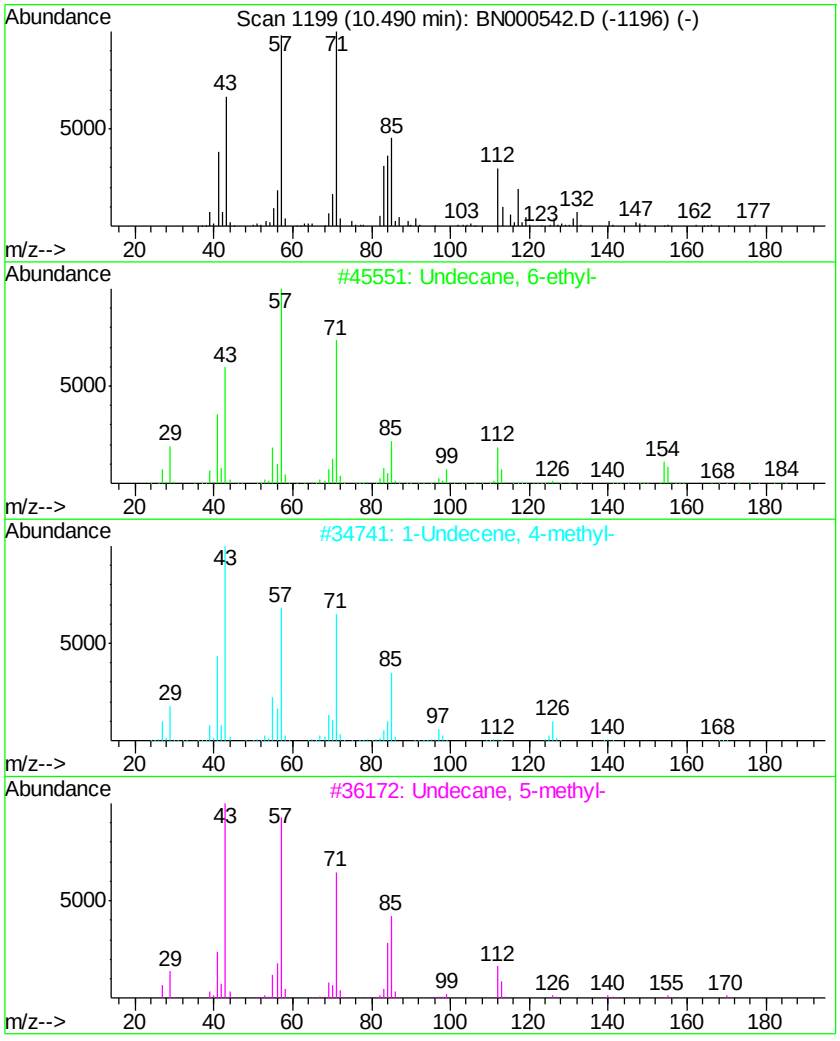
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

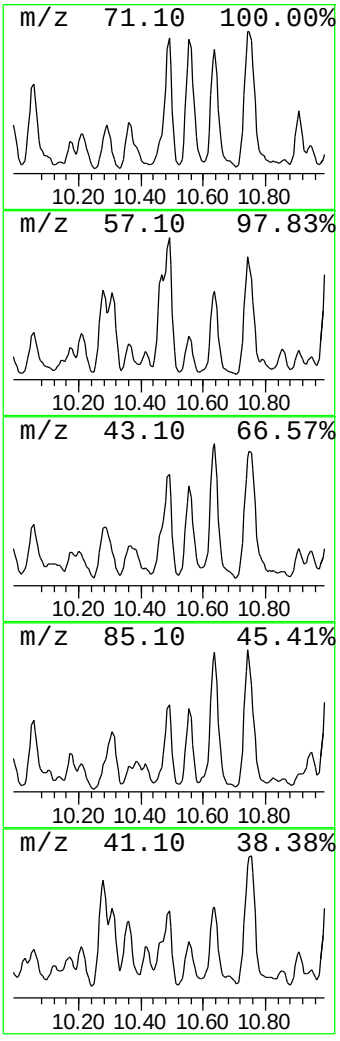
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	9.58 ng/ul	2074480	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	50
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
5	Dodecane	170	C12H26	000112-40-3	43





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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

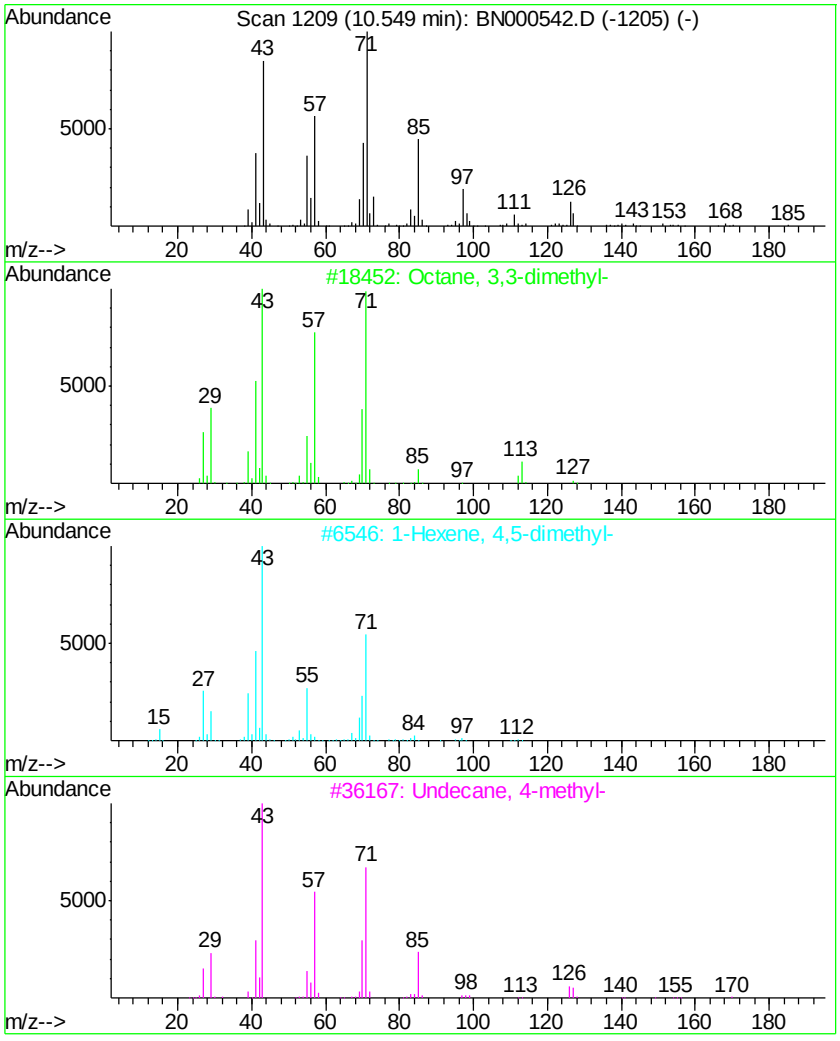
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

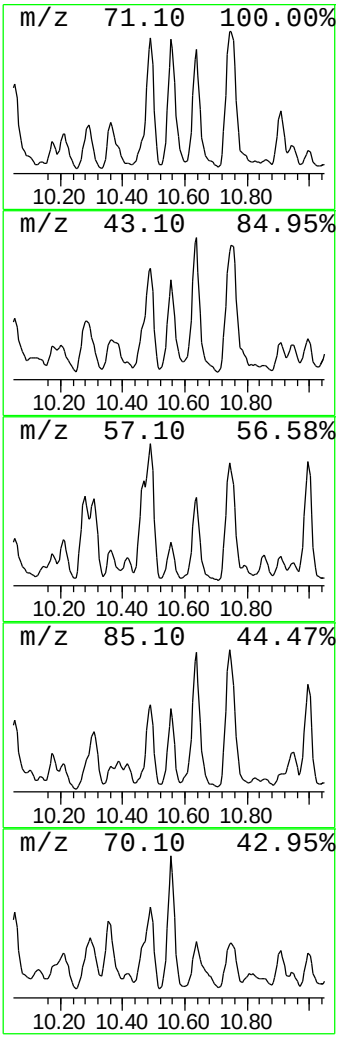
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	9.97 ng/ul	2159340	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	47
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	43
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	43
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	38





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

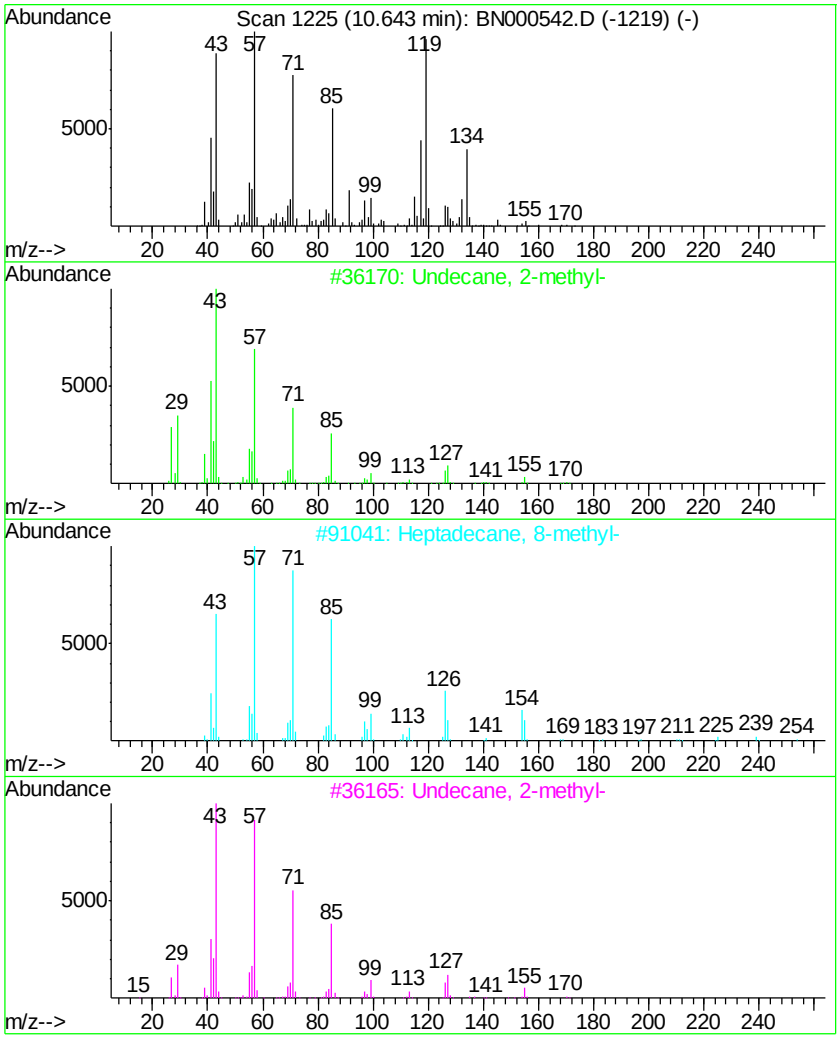
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

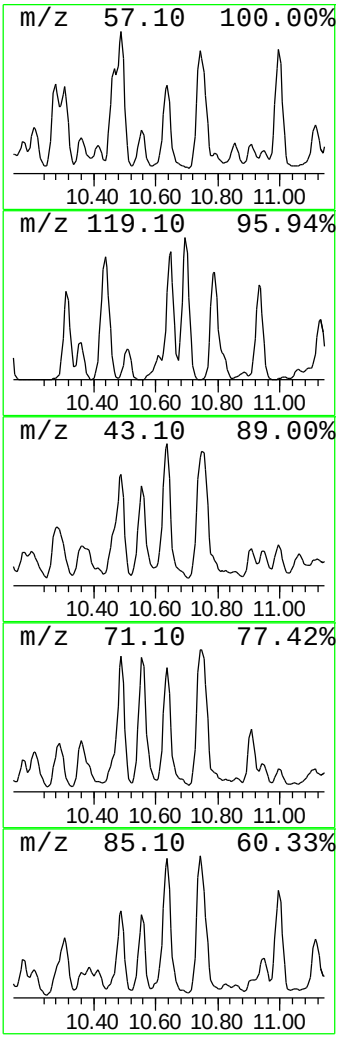
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	14.85 ng/ul	3217240	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	47
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	47
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	47
4	Tetracosane	338	C24H50	000646-31-1	47
5	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	46





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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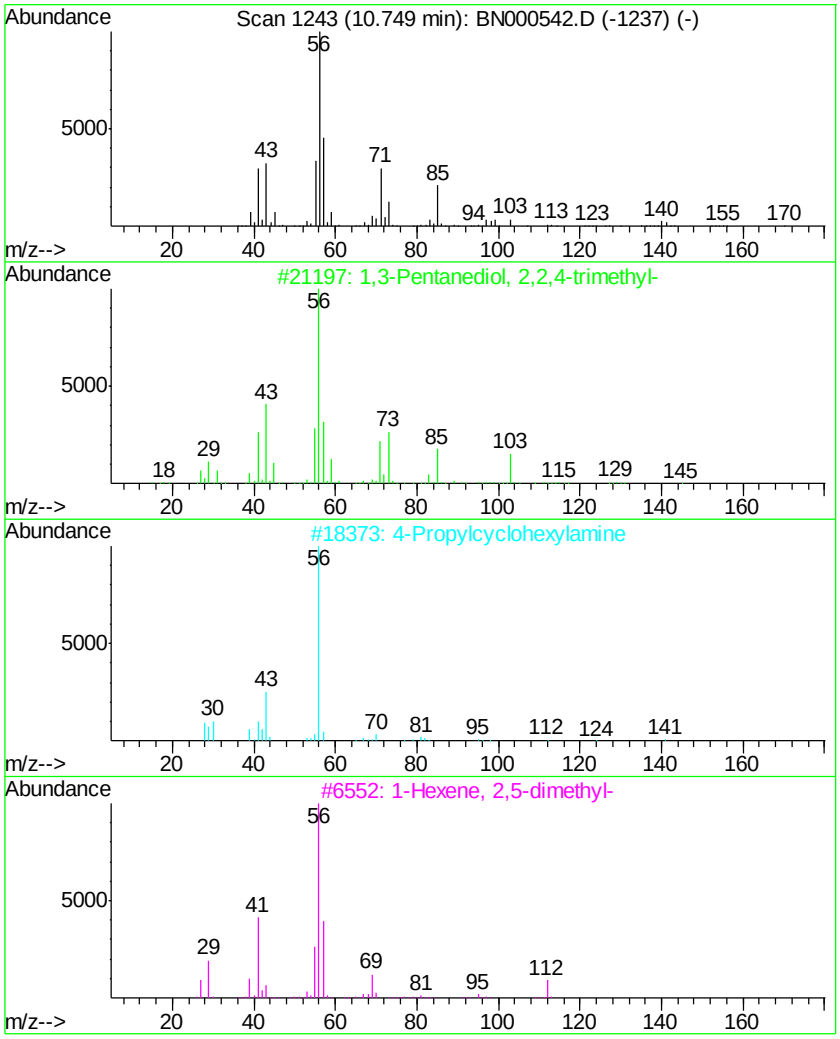
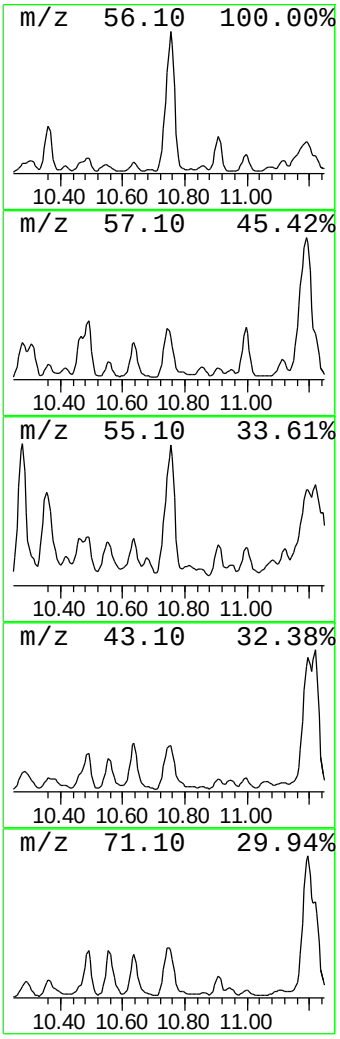
Peak Number 25 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	22.25 ng/ul	4817900	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	45
2	4-Propylcyclohexylamine	141	C9H19N	102653-37-2	43
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	37
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	33
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	33





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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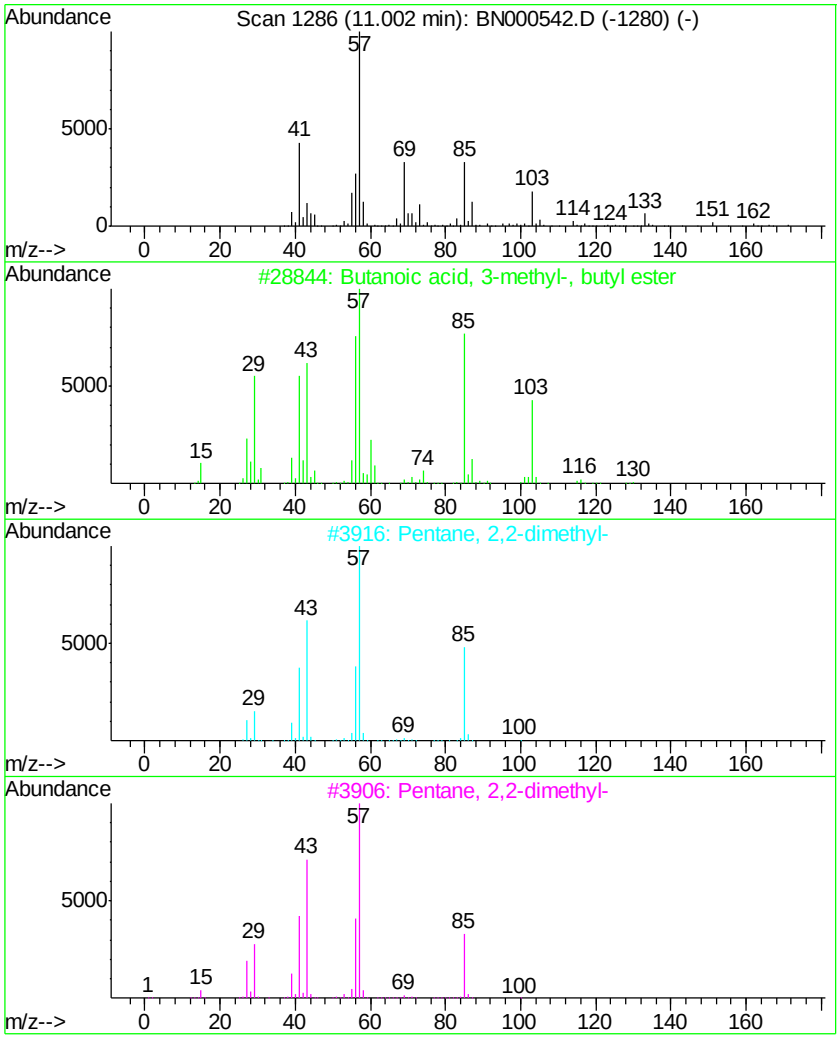
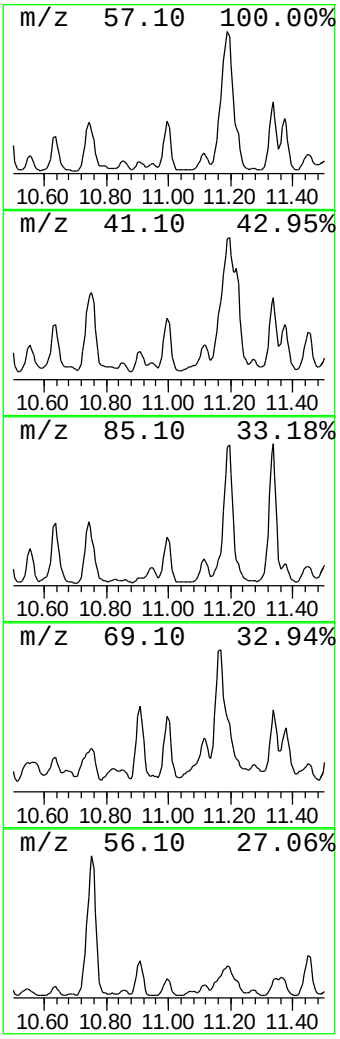
Peak Number 26 unknown-05 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	8.70 ng/ul	1884370	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	43
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	37
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	37
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	37
5	2-Butanone, 1-chloro-3,3-dimethyl-	134	C6H11ClO	013547-70-1	35





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

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

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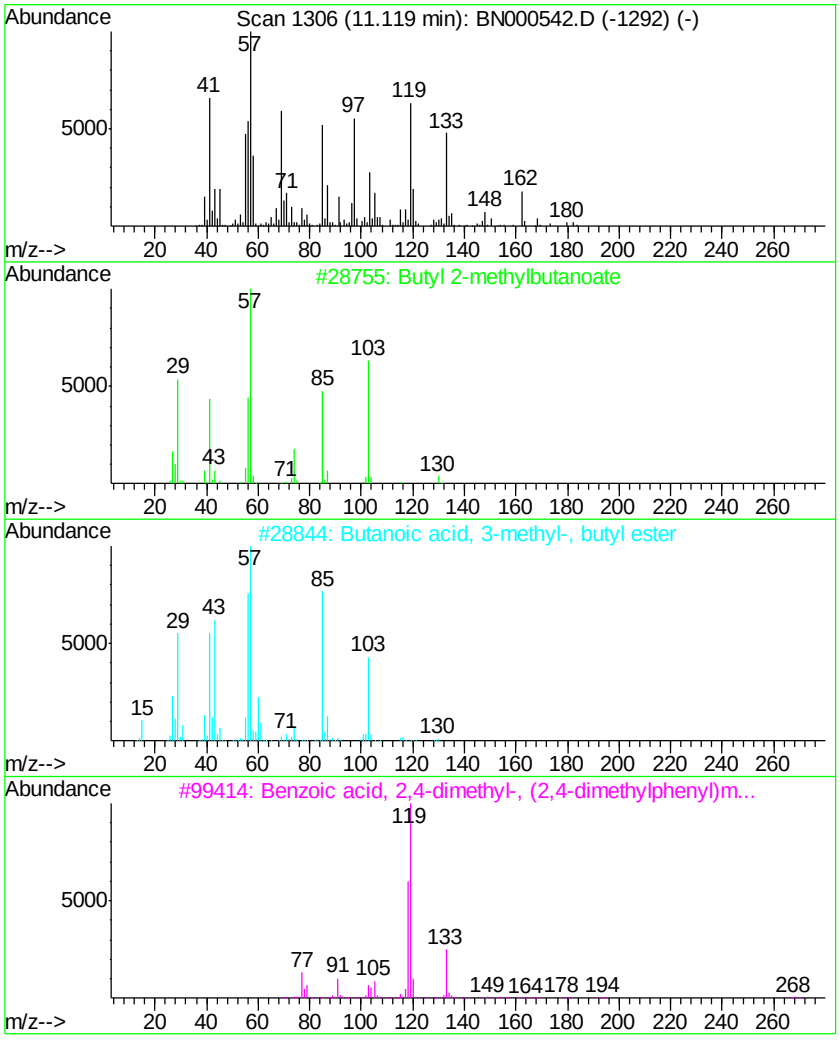
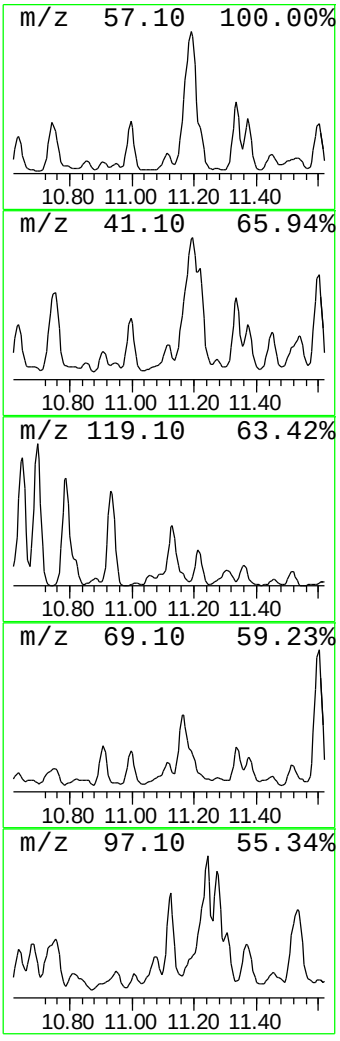
Peak Number 27 unknown-06 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	11.18 ng/ul	2422090	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 2-methylbutanoate	158	C9H18O2	015706-73-7	22
2	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	14
3	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	14
4	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	12
5	2-Nitro-1-phenyl-3-(tetrahydro-p...	281	C14H19NO5	1000190-43-3	12





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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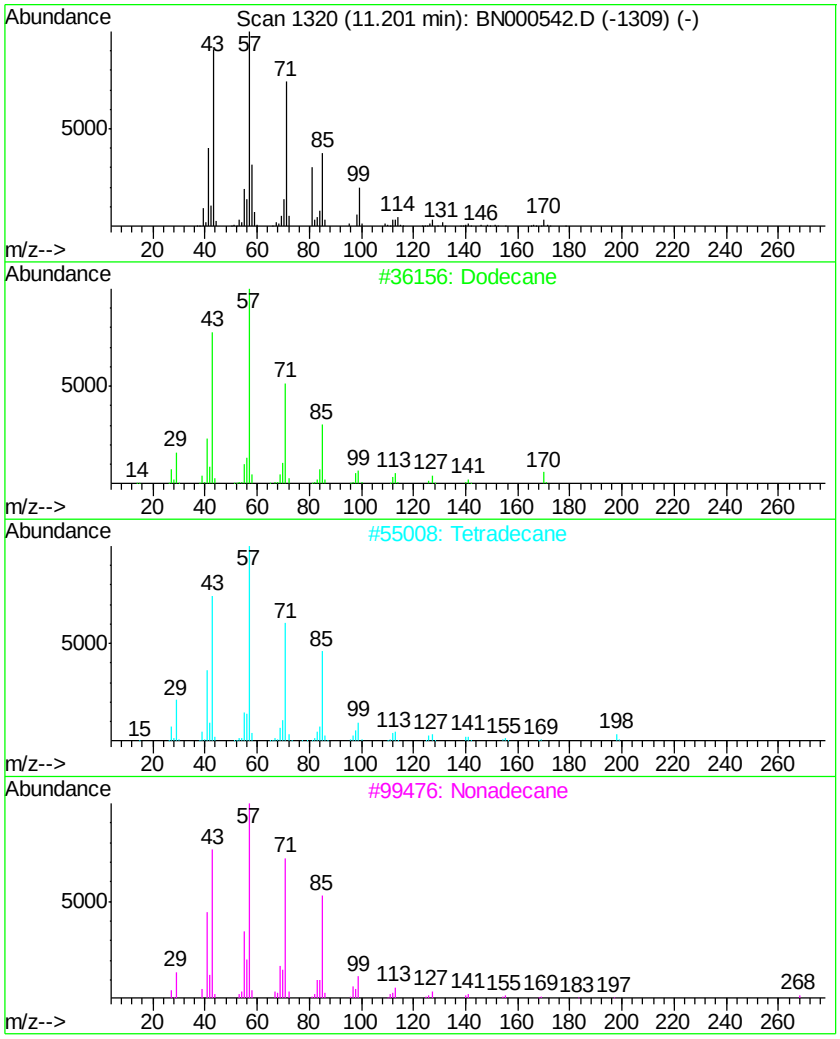
Quant Title : SVOA CALIBRATION

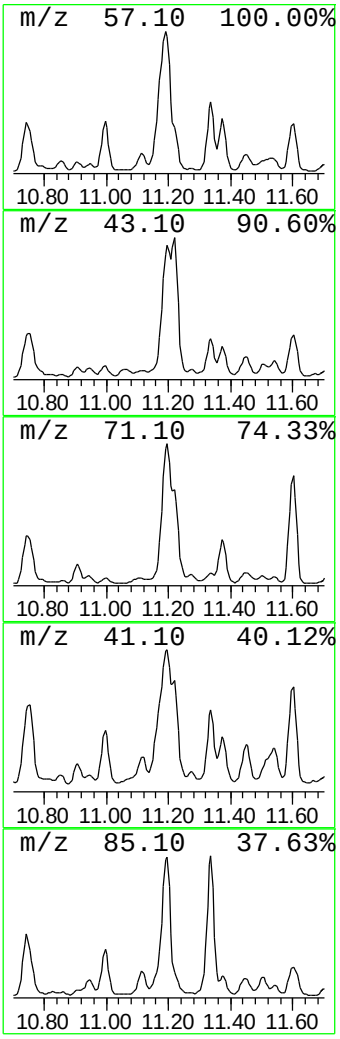
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	37.26 ng/ul	8069710	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tetradecane	198	C14H30	000629-59-4	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

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

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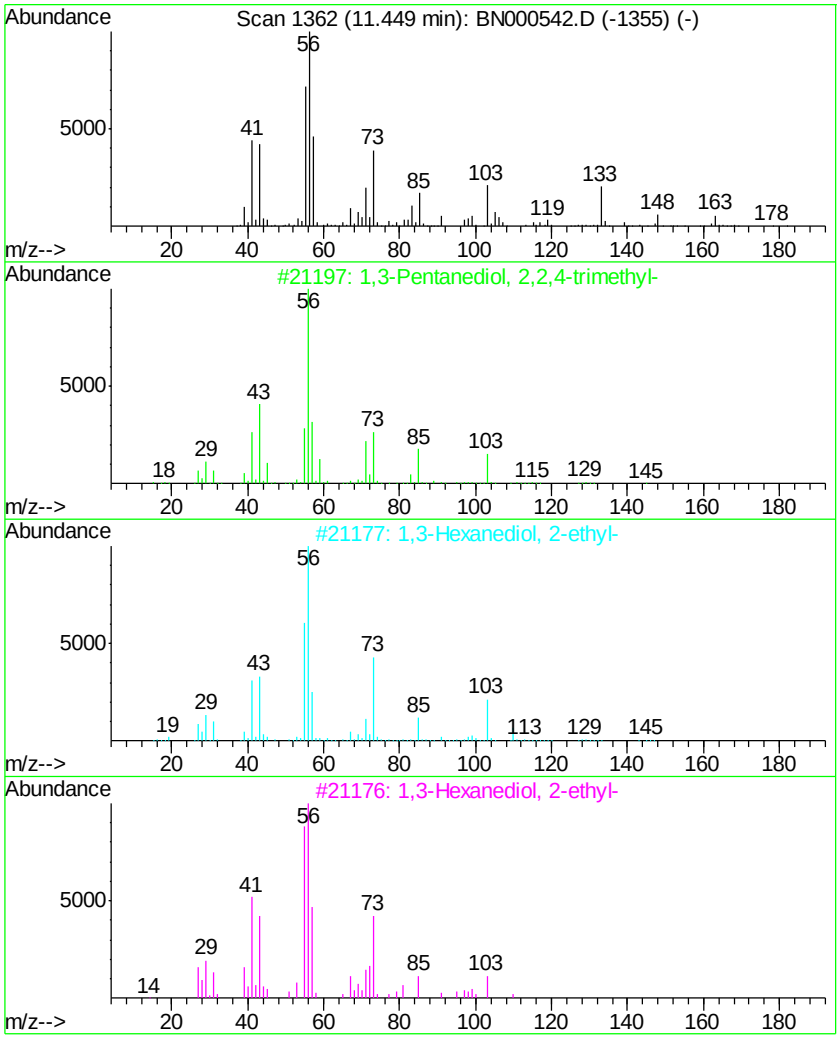
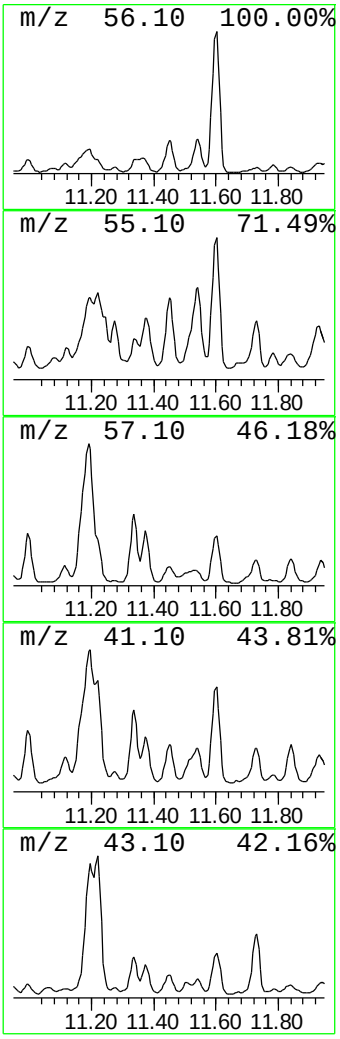
Peak Number 29 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	9.59 ng/ul	2077730	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	64
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	59
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	53
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	43
5	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	38





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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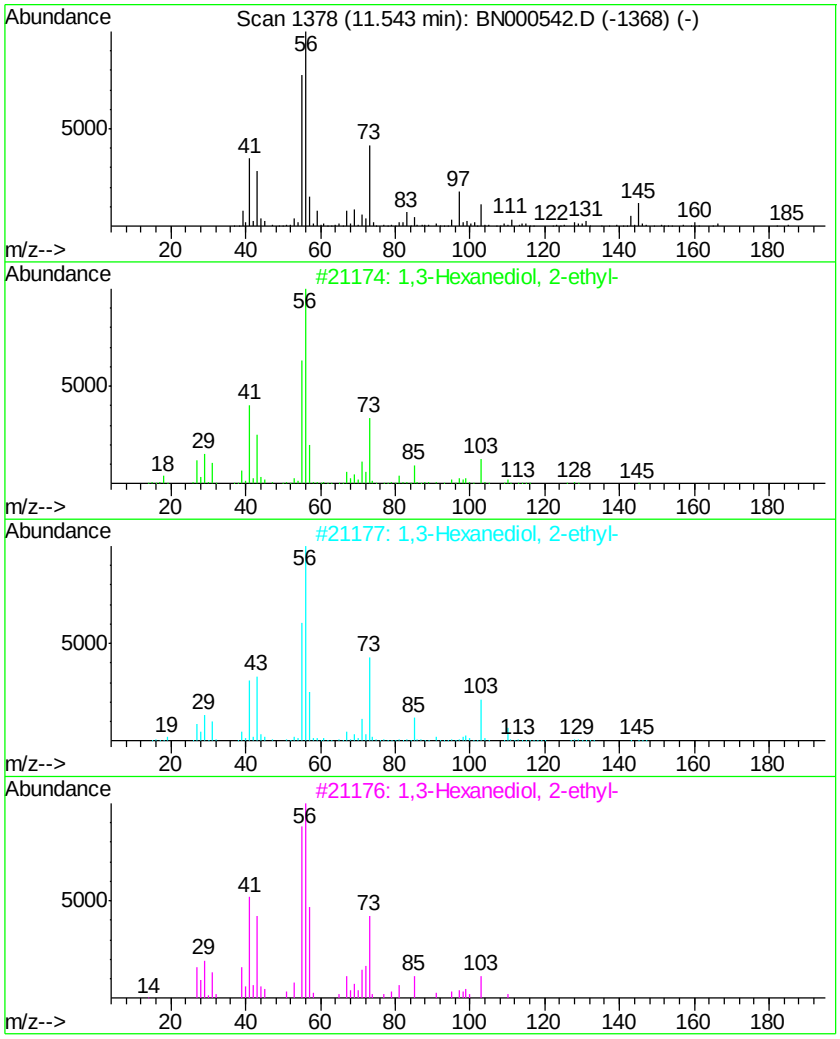
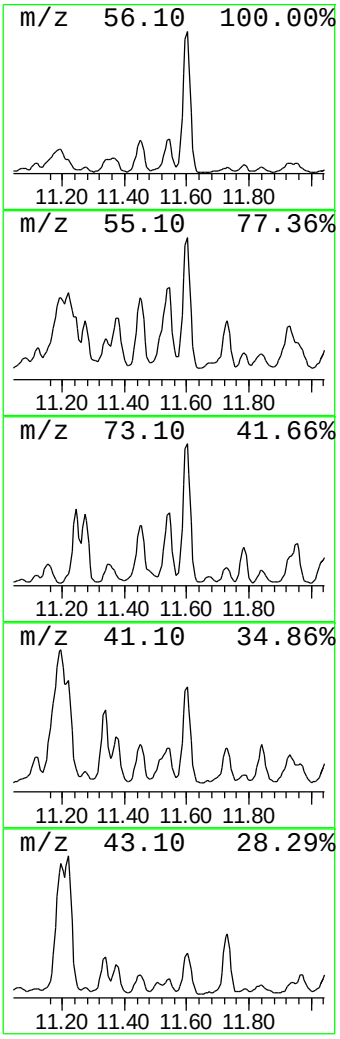
Peak Number 30 1,3-Hexanediol, 2-ethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	11.81 ng/ul	2557830	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	59
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	59
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	45
4	3-Buten-1-ol, 2-methyl-	86	C5H10O	004516-90-9	43
5	3-Chloro-2,2-dimethyl-1-propanol	122	C5H11ClO	013401-56-4	42





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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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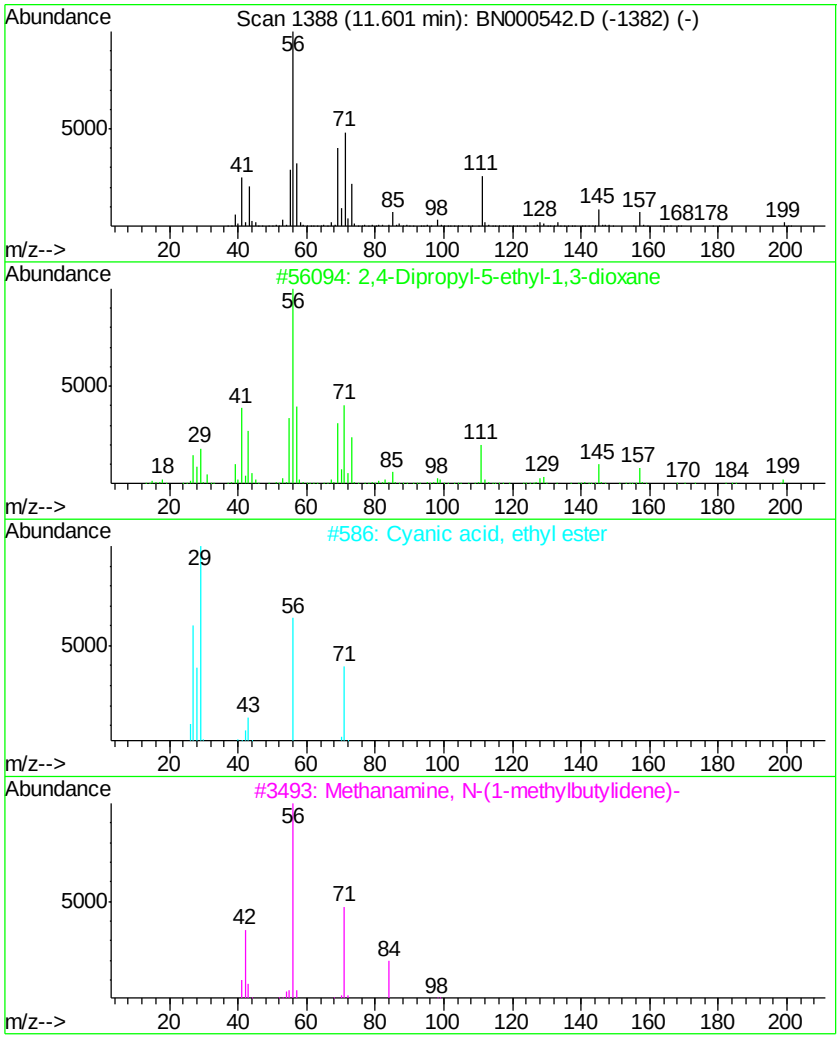
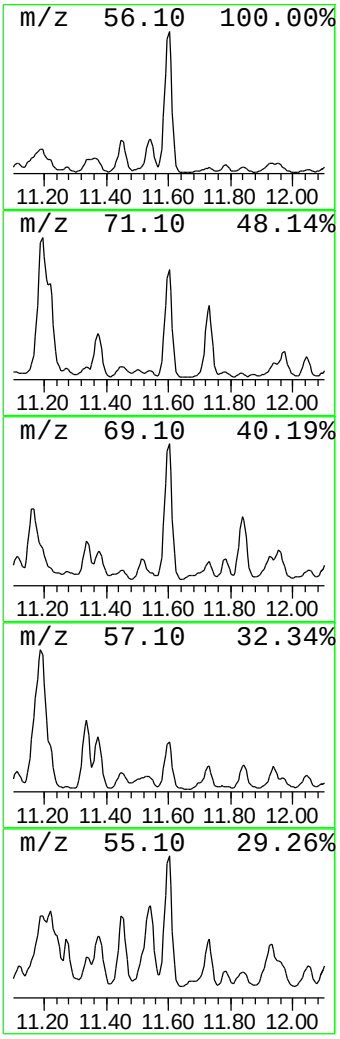
Peak Number 31 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	28.61 ng/ul	6196920	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	59
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	40
3	Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	38
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
5	Cyclohexanamine	99	C6H13N	000108-91-8	25





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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

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

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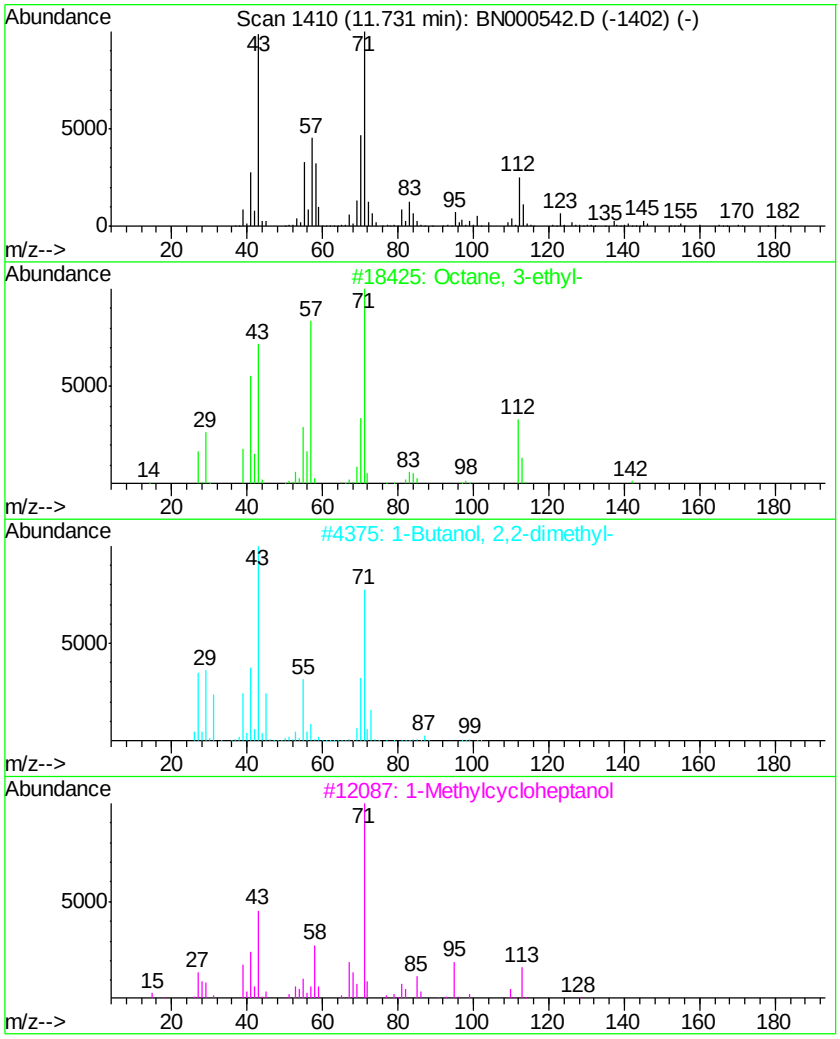
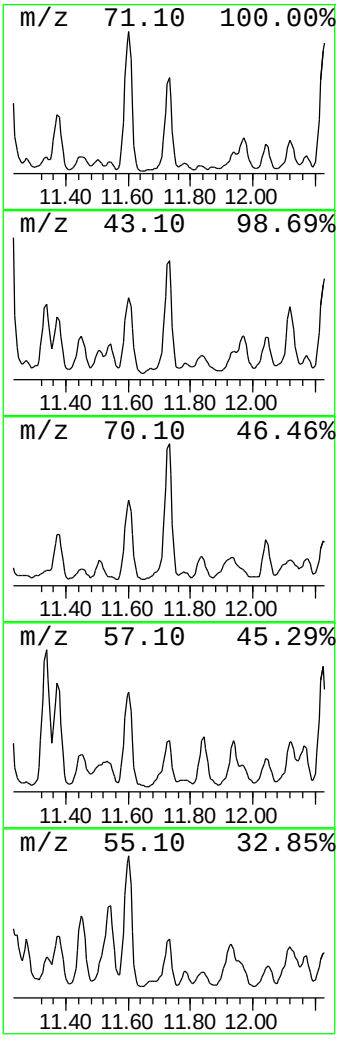
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	12.47 ng/ul	2700050	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	50
2	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	50
3	1-Methylcycloheptanol	128	C8H16O	003761-94-2	50
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
5	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	43





Library Search Compound Report

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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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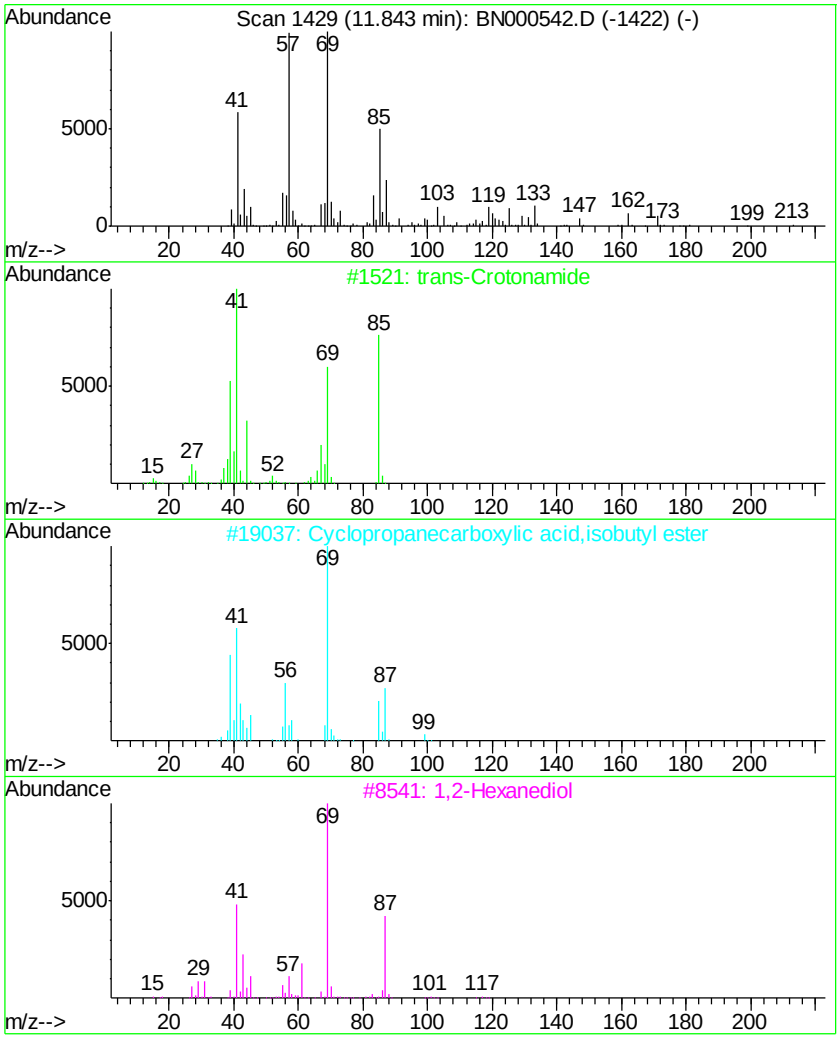
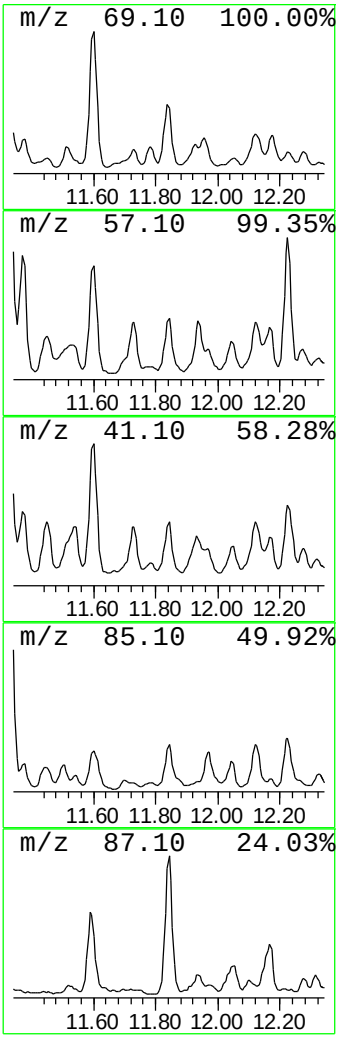
Peak Number 33 unknown-07 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	9.11 ng/ul	1973920	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Crotonamide	85	C4H7NO	000625-37-6	43
2	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	43
3	1,2-Hexanediol	118	C6H14O2	006920-22-5	38
4	5-Tridecanol	200	C13H28O	058783-82-7	35
5	5-Dodecanol	186	C12H26O	010203-33-5	35





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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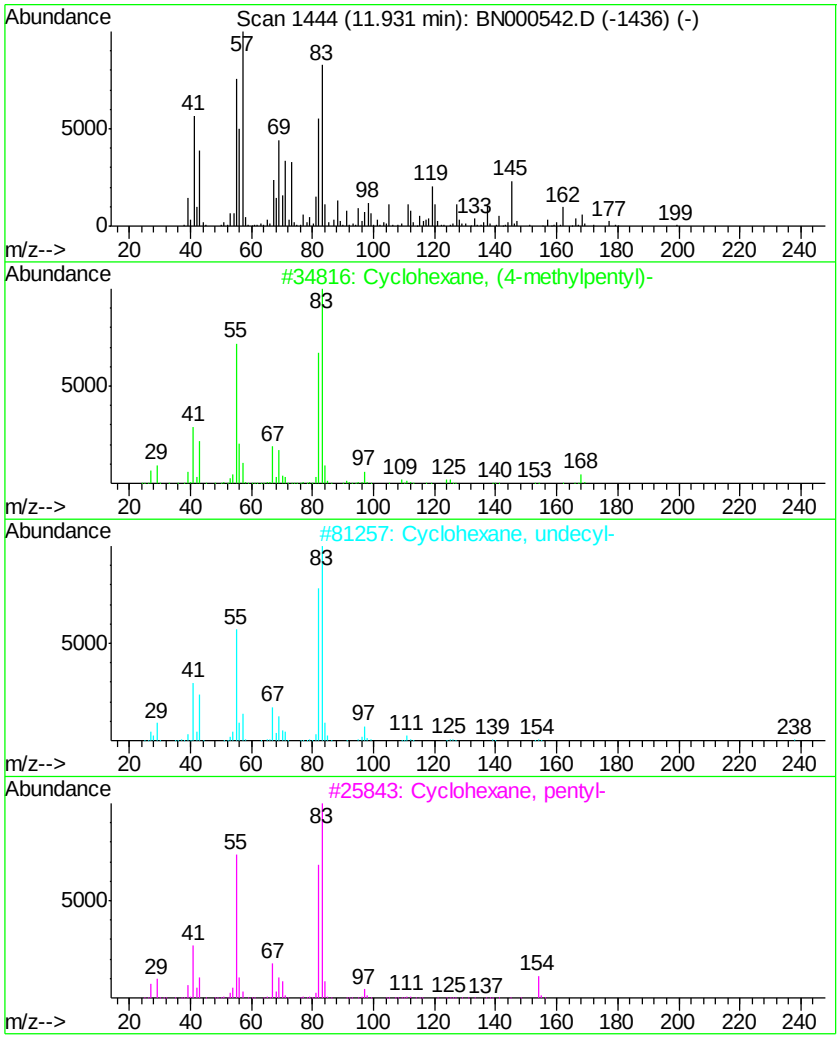
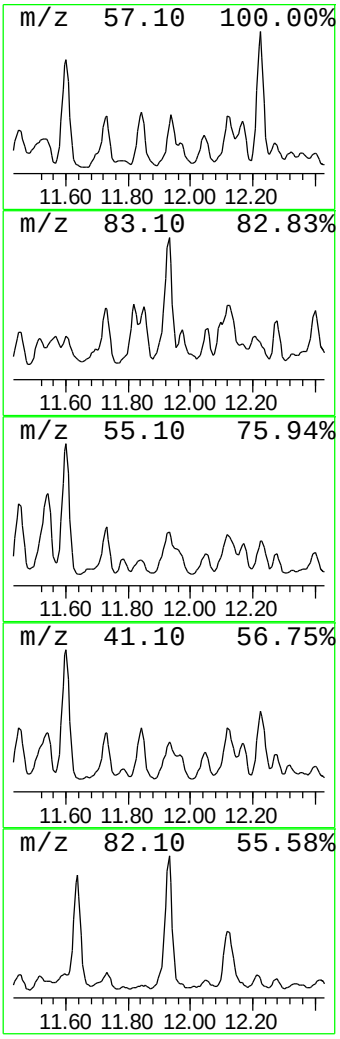
Peak Number 34 unknown-08 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	12.04 ng/ul	2606680	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, undecyl-	238	C17H34	054105-66-7	38
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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Quant Title : SVOA CALIBRATION

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

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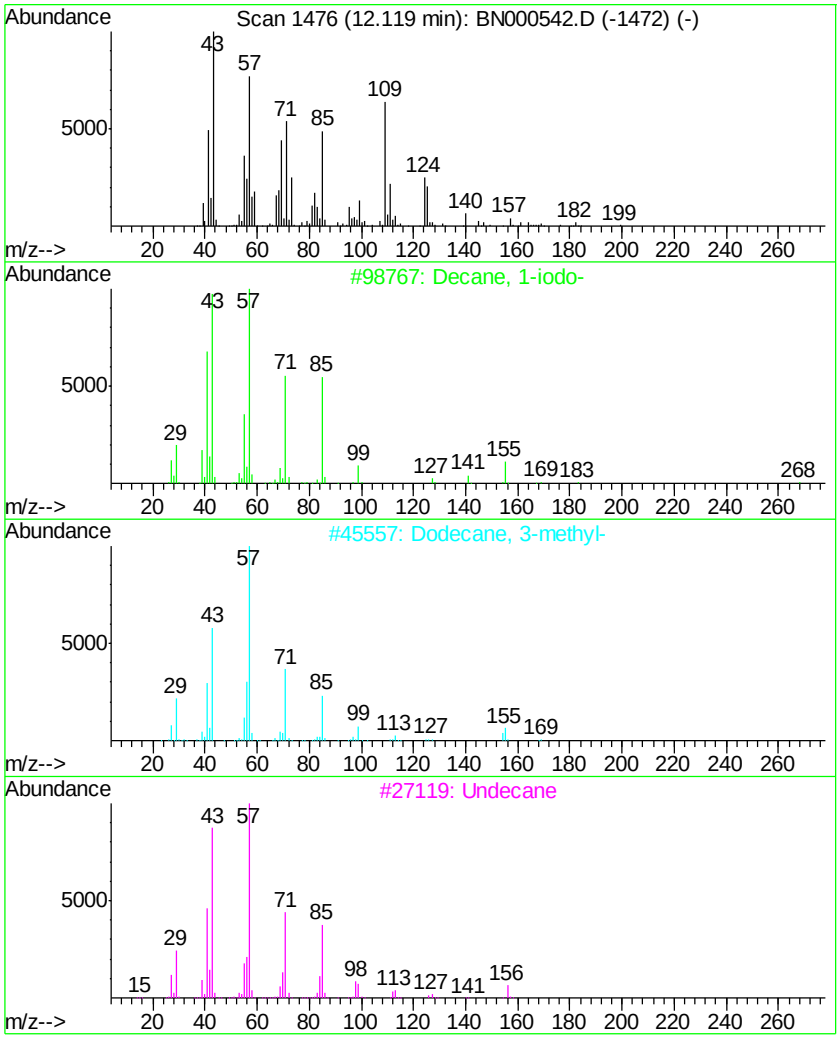
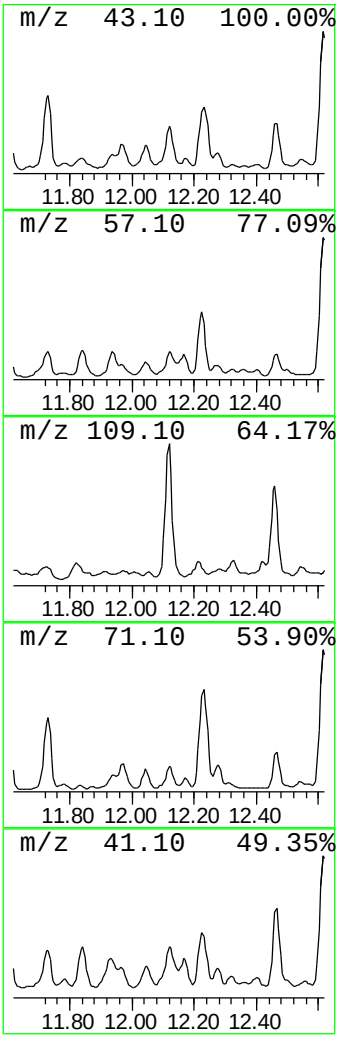
Peak Number 35 unknown-09 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	12.79 ng/ul	2770540	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	30
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	27
3	Undecane	156	C11H24	001120-21-4	27
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	25
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25





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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

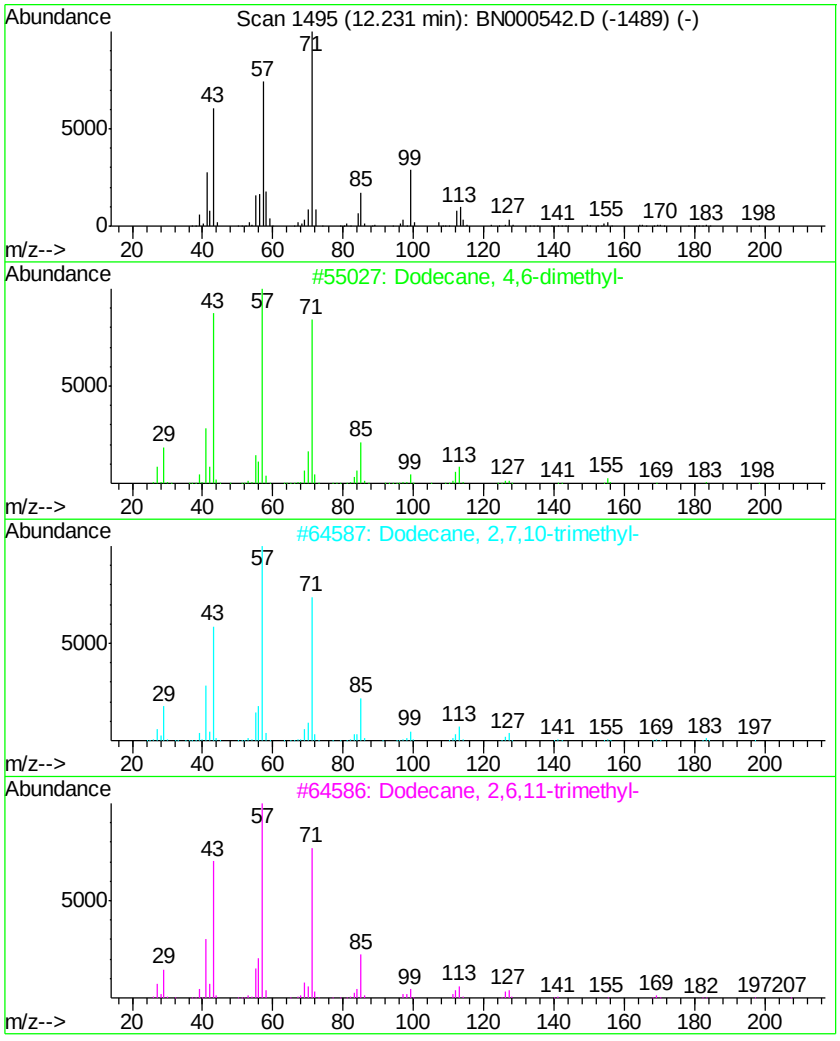
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

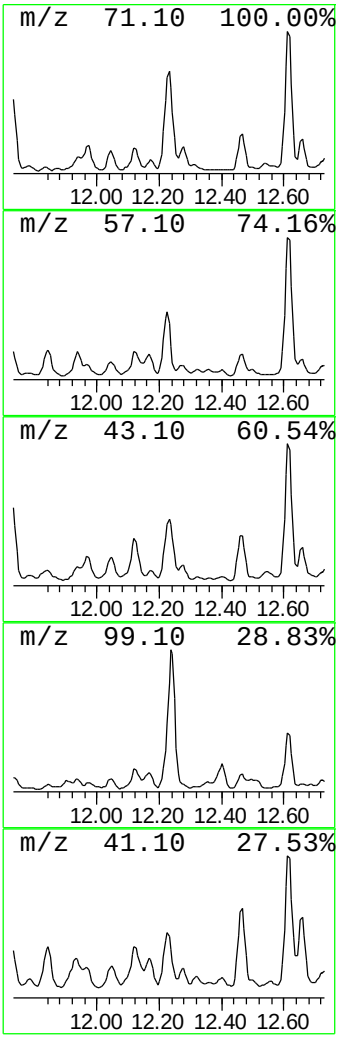
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	14.86 ng/ul	3217370	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
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Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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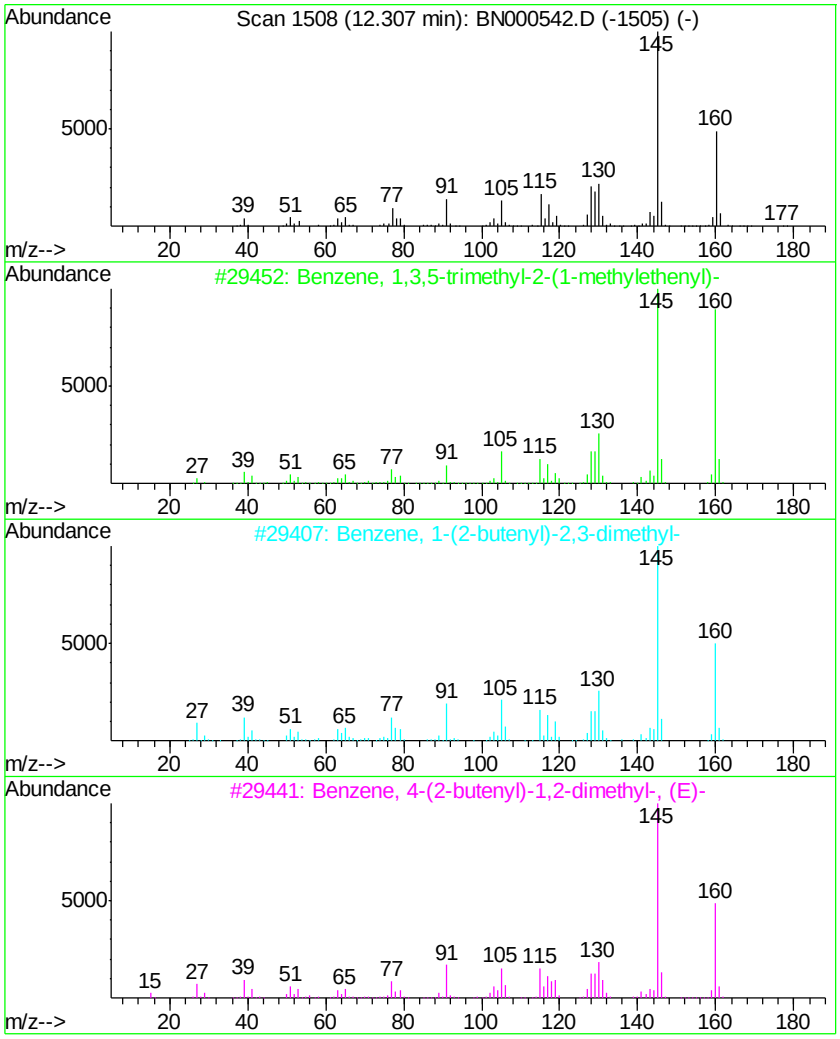
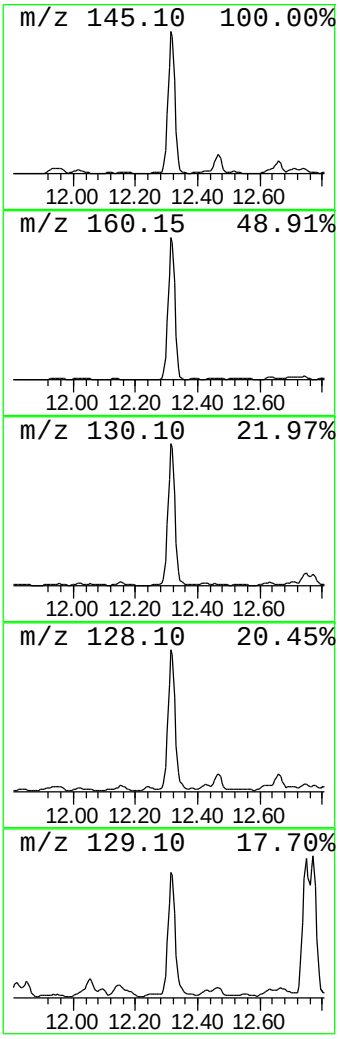
Peak Number 37 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	19.25 ng/ul	4170250	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	94
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87





Library Search Compound Report

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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

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

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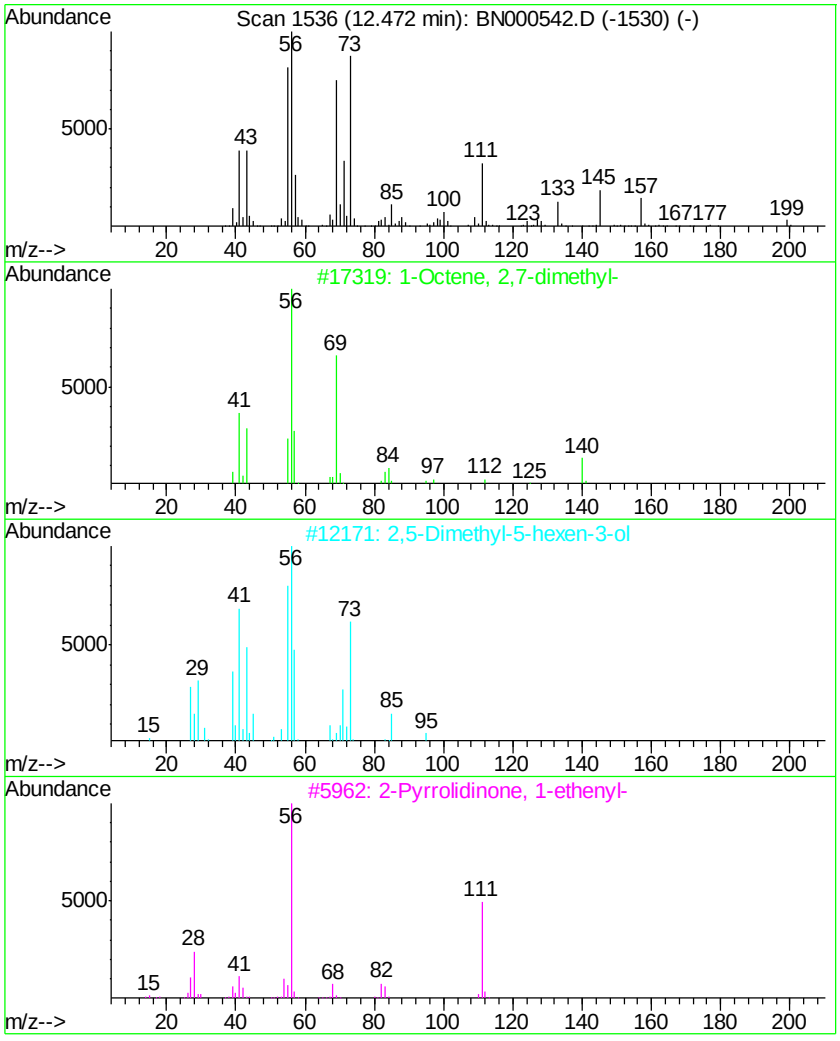
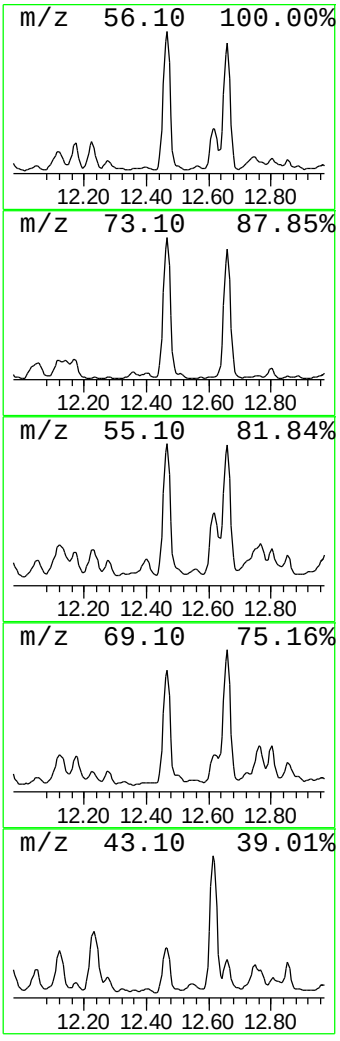
Peak Number 38 unknown-10 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	22.15 ng/ul	4798340	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	47
2	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	32
3	2-Pyrrolidinone, 1-ethenyl-	111	C6H9NO	000088-12-0	27
4	Decane, 4-methylene-	154	C11H22	024949-41-5	27
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	25





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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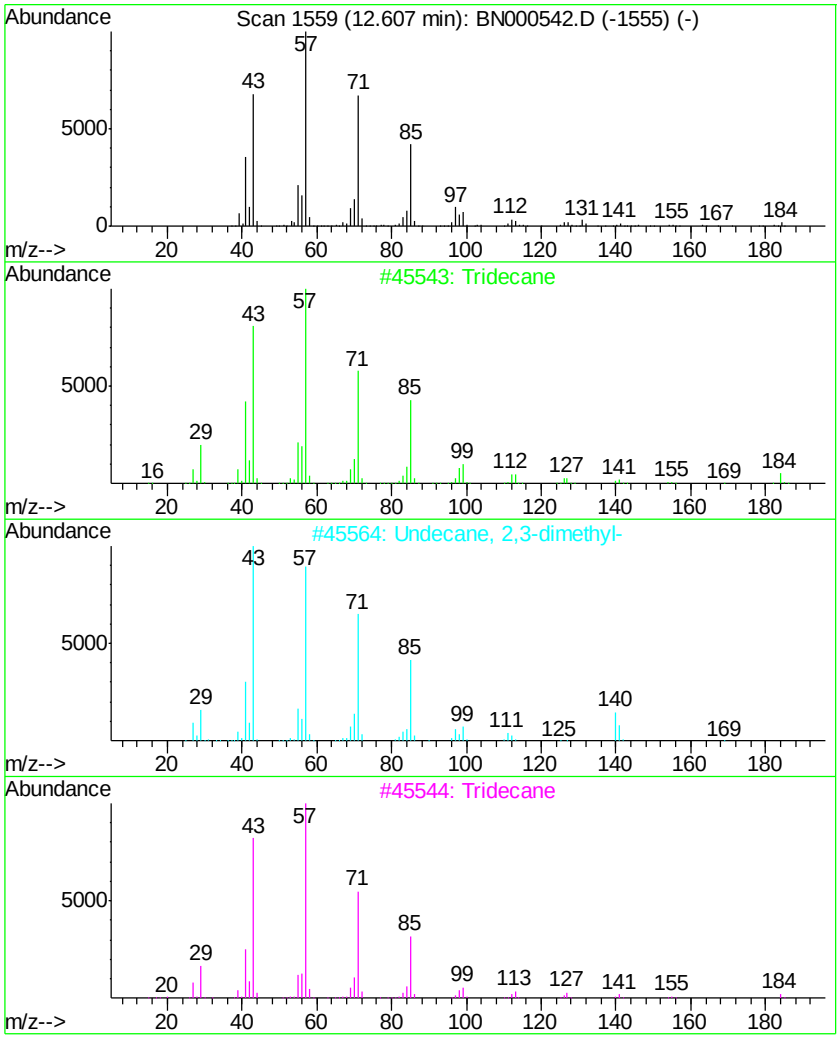
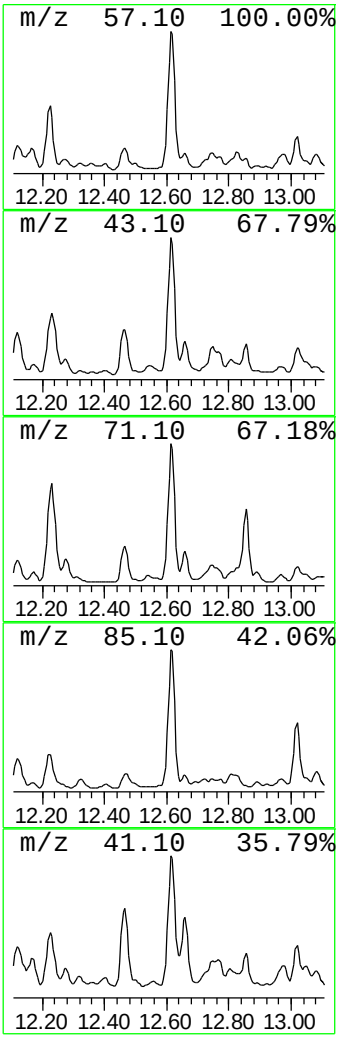
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	27.85 ng/ul	6031380	Naphthalene-d8	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
3	Tridecane	184	C13H28	000629-50-5	81
4	Tridecane	184	C13H28	000629-50-5	81
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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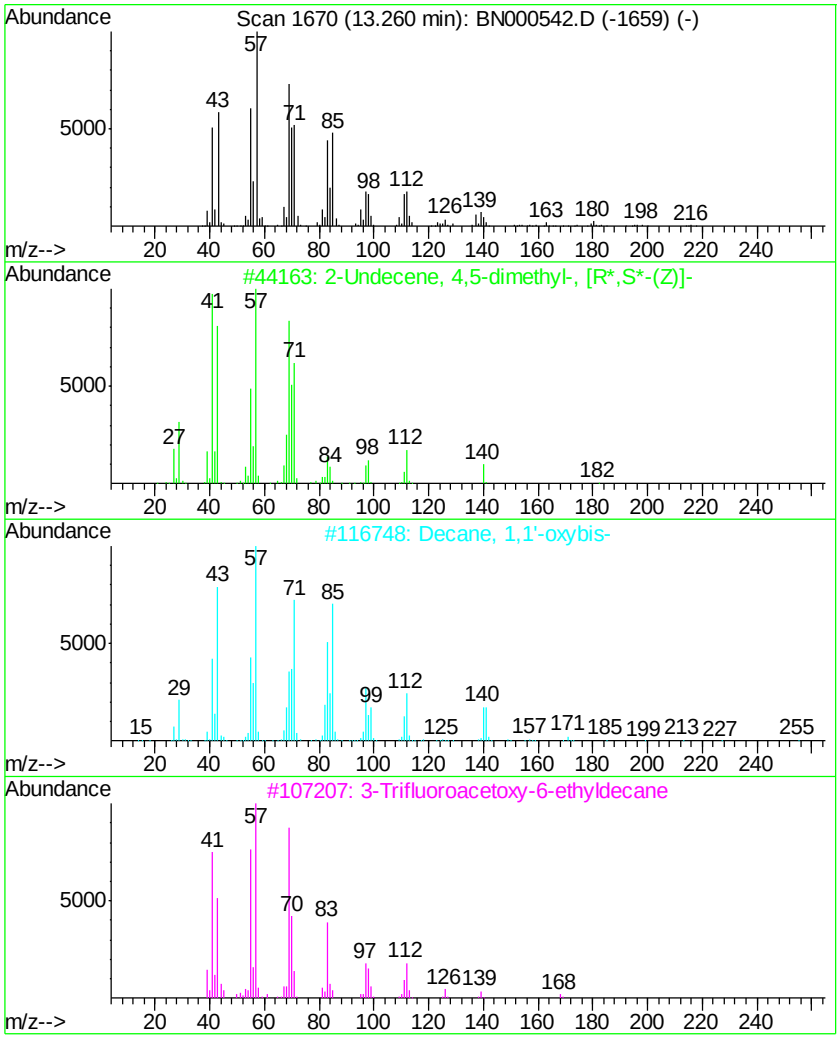
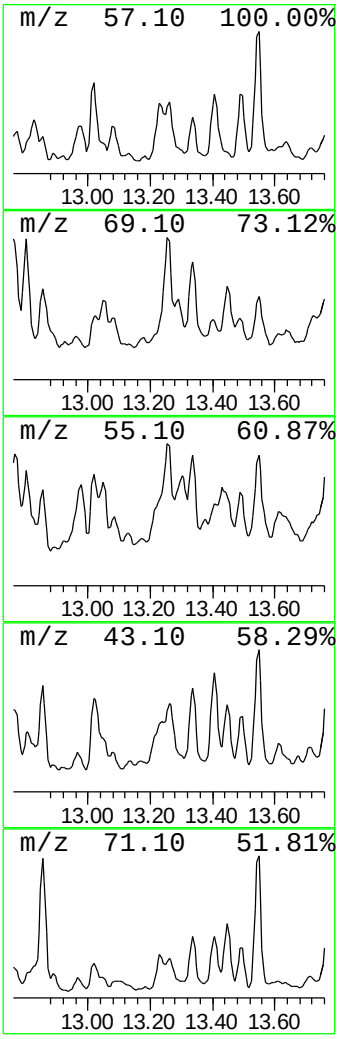
Peak Number 44 (DEL) Alkane: Cyclic13.26 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	12.11 ng/ul	2843950	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 4,5-dimethyl-, [R*,S...	182	C13H26	055170-93-9	64
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
3	3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	43
4	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	41
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38





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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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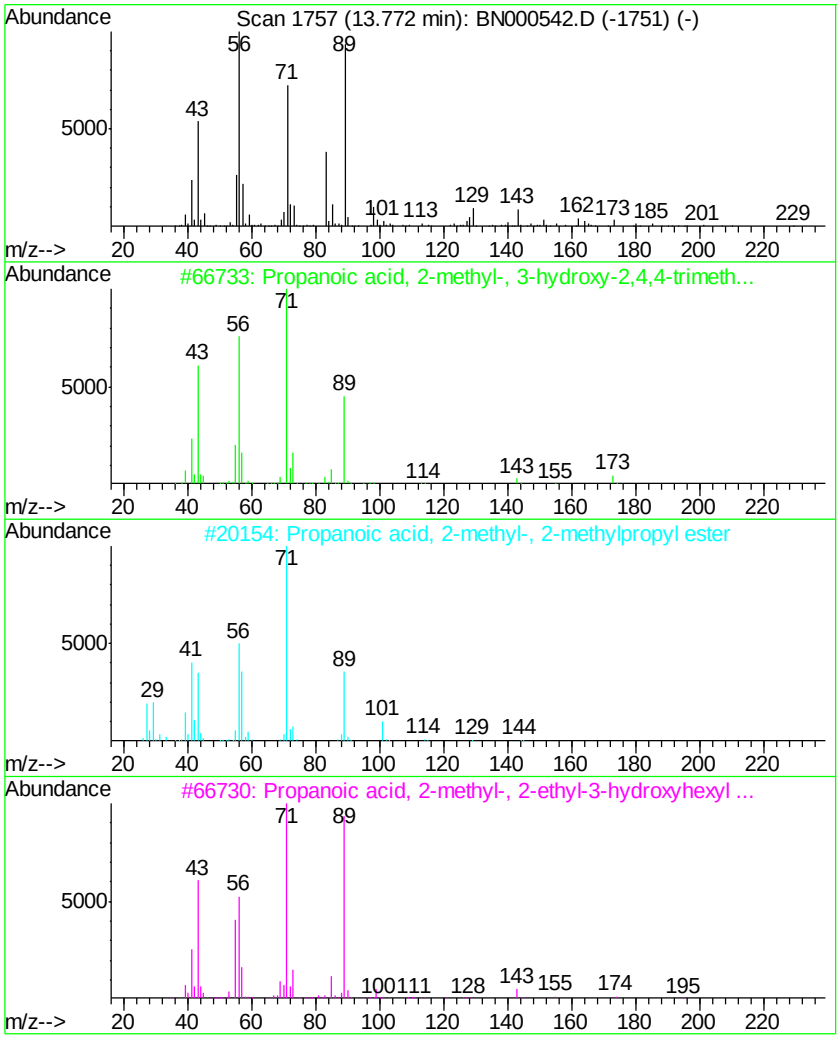
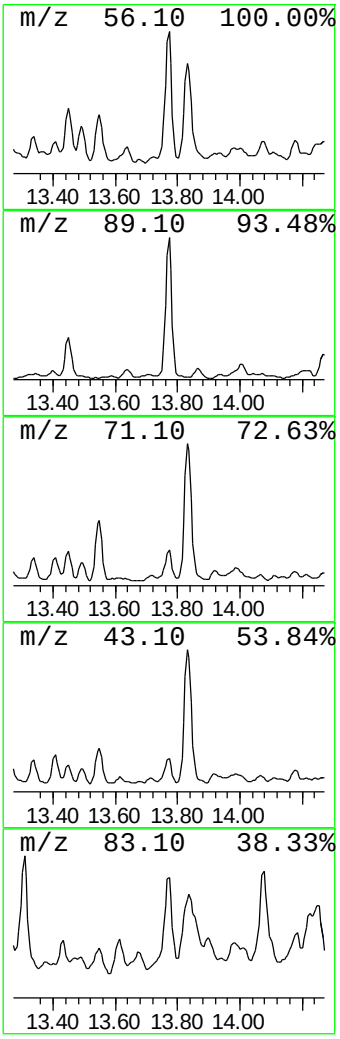
Peak Number 45 Propanoic acid, 2-methyl-, ... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.61 ng/ul	1788060	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	59
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	59
3	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	53
4	Butyric acid, hexadecyl ester	312	C20H40O2	006221-99-4	50
5	Propanoic acid, 2-methyl-, decyl...	228	C14H28O2	005454-22-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

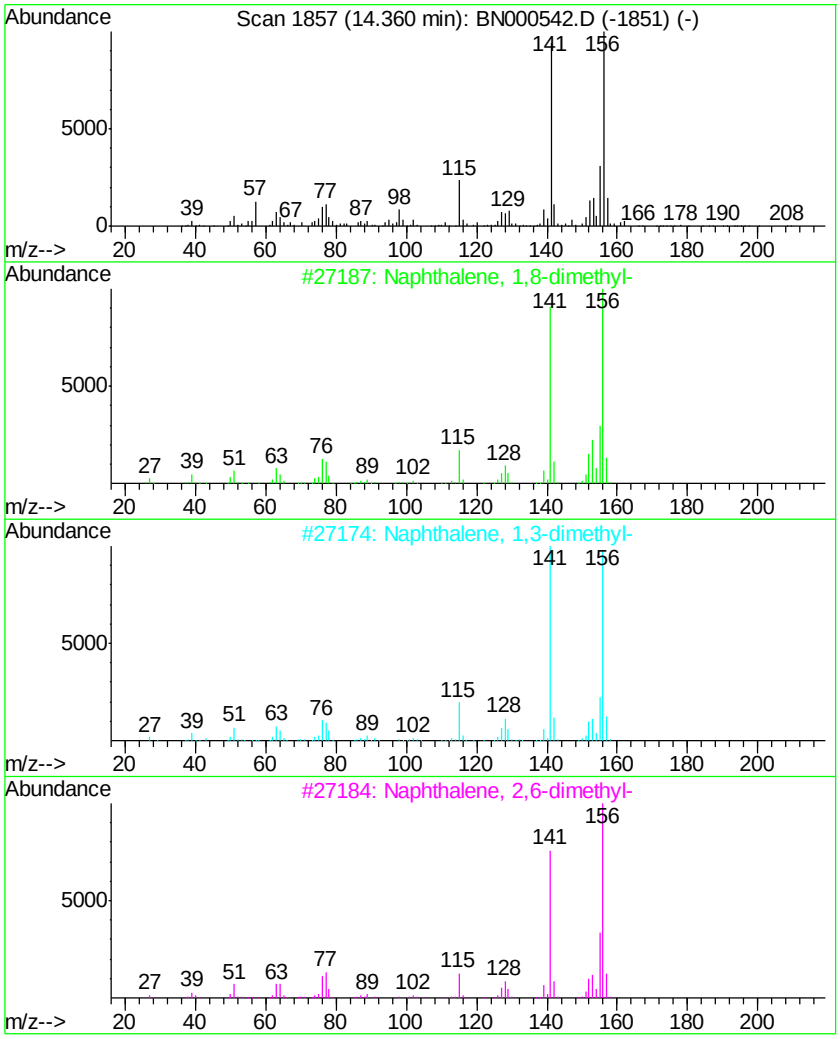
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

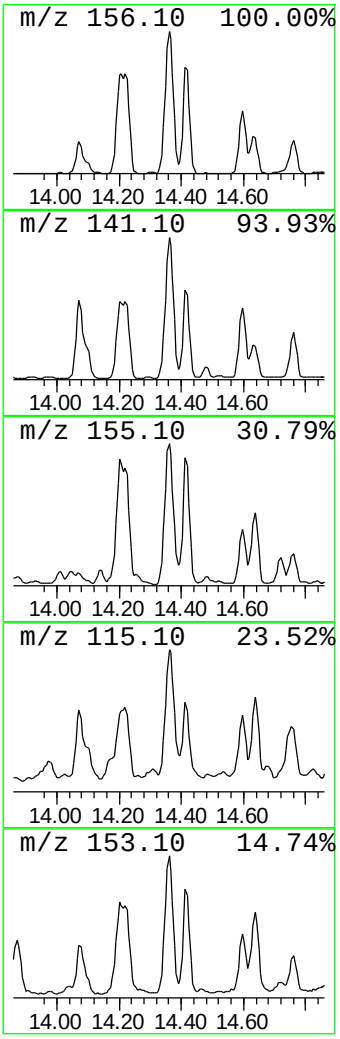
****

Peak Number 48 Naphthalene, 1,8-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	18.69 ng/ul	4389590	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

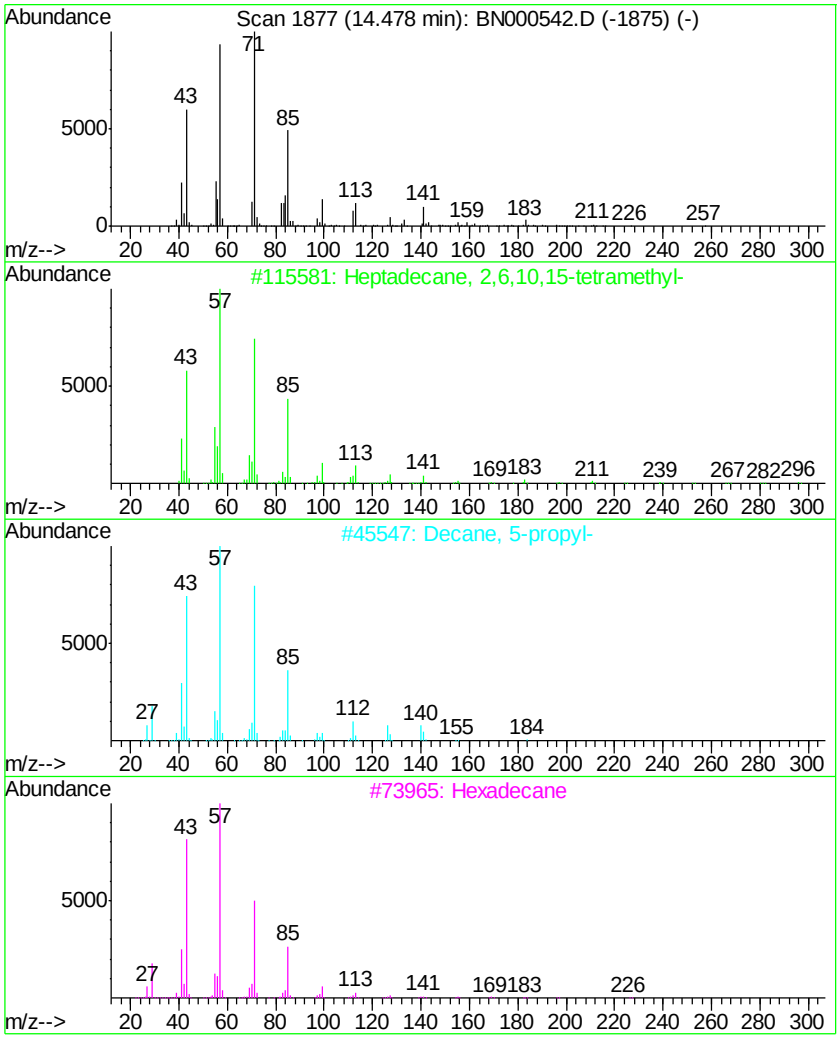
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

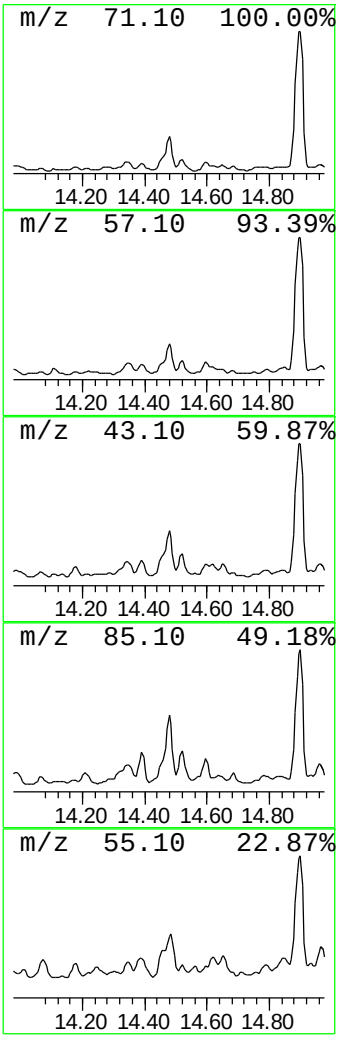
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	9.25 ng/ul	2173950	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Decane, 5-propyl-	184	C13H28	017312-62-8	80
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tetradecane	198	C14H30	000629-59-4	59
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

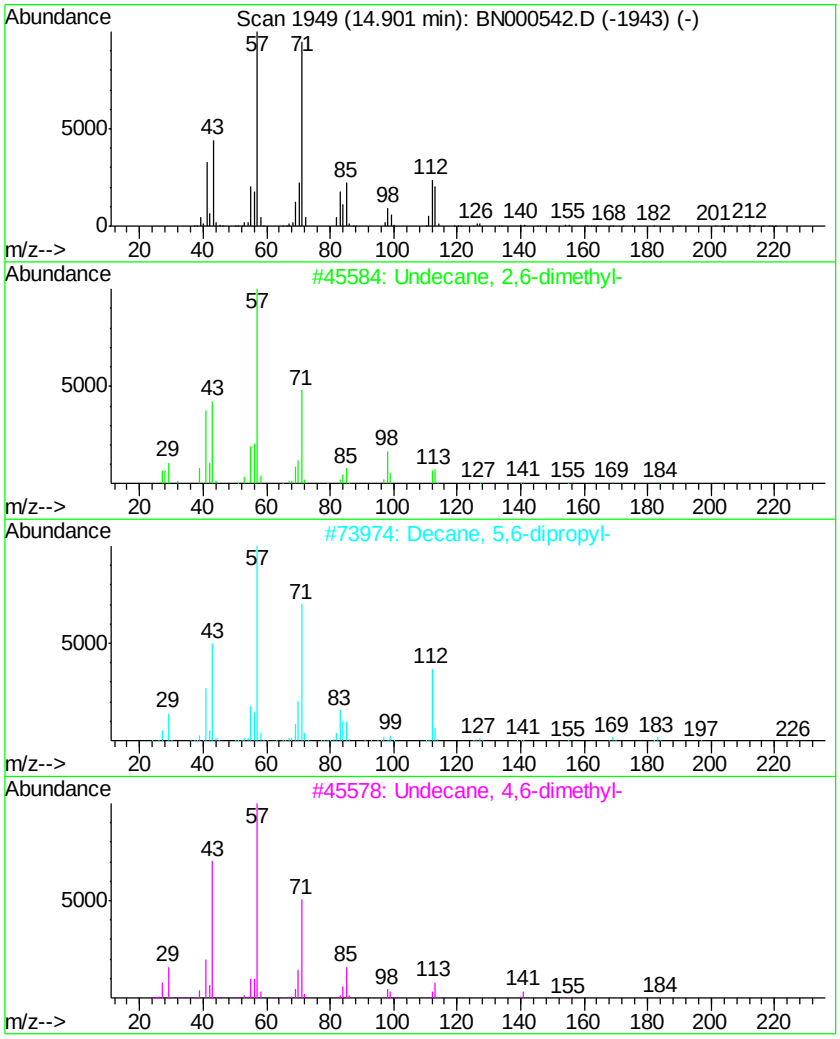
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

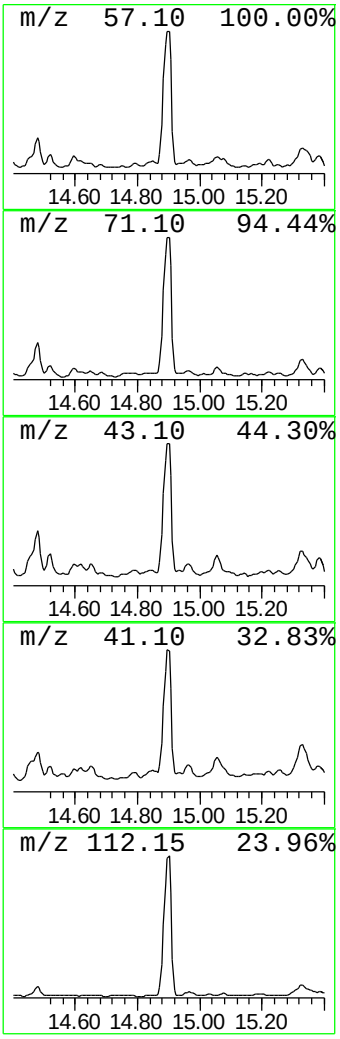
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	51.34 ng/ul	12058600	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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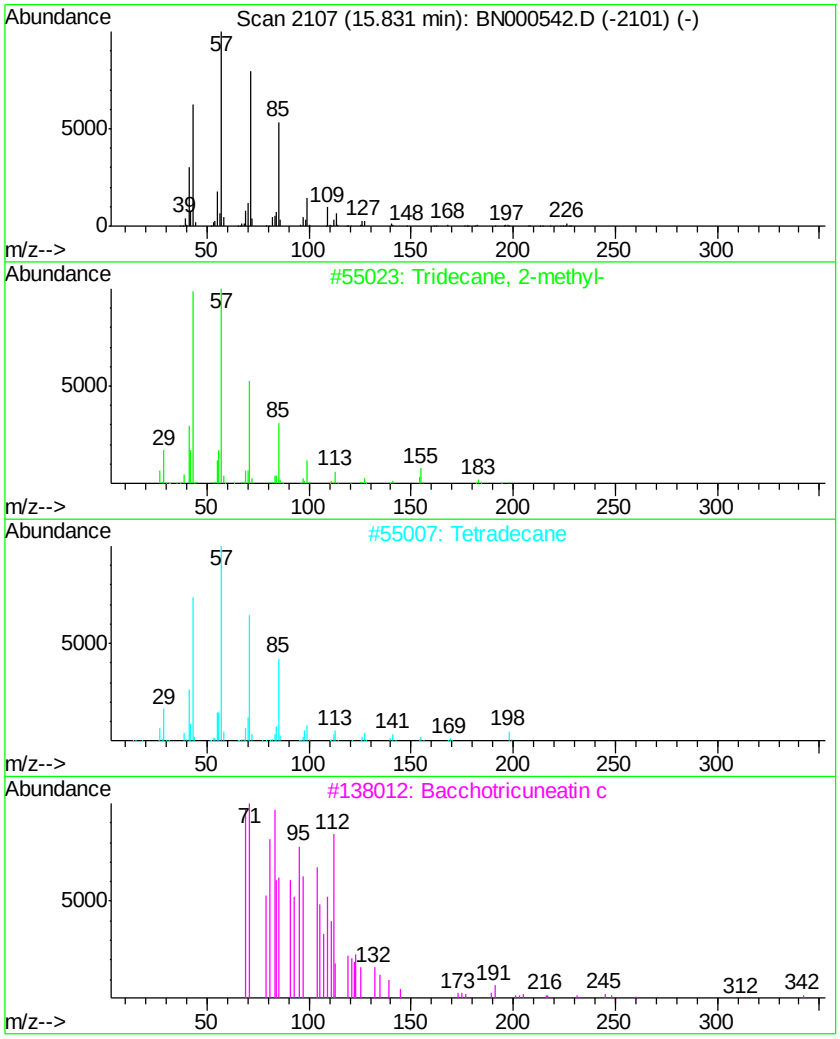
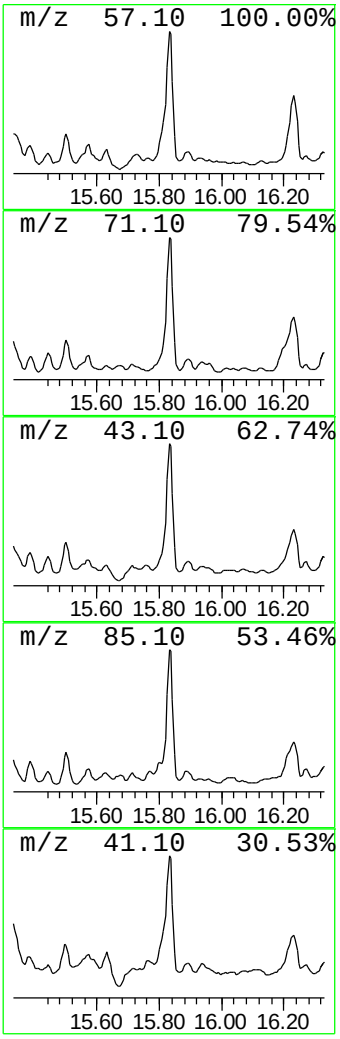
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	37.99 ng/ul	8923940	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Heptadecane	240	C17H36	000629-78-7	78





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

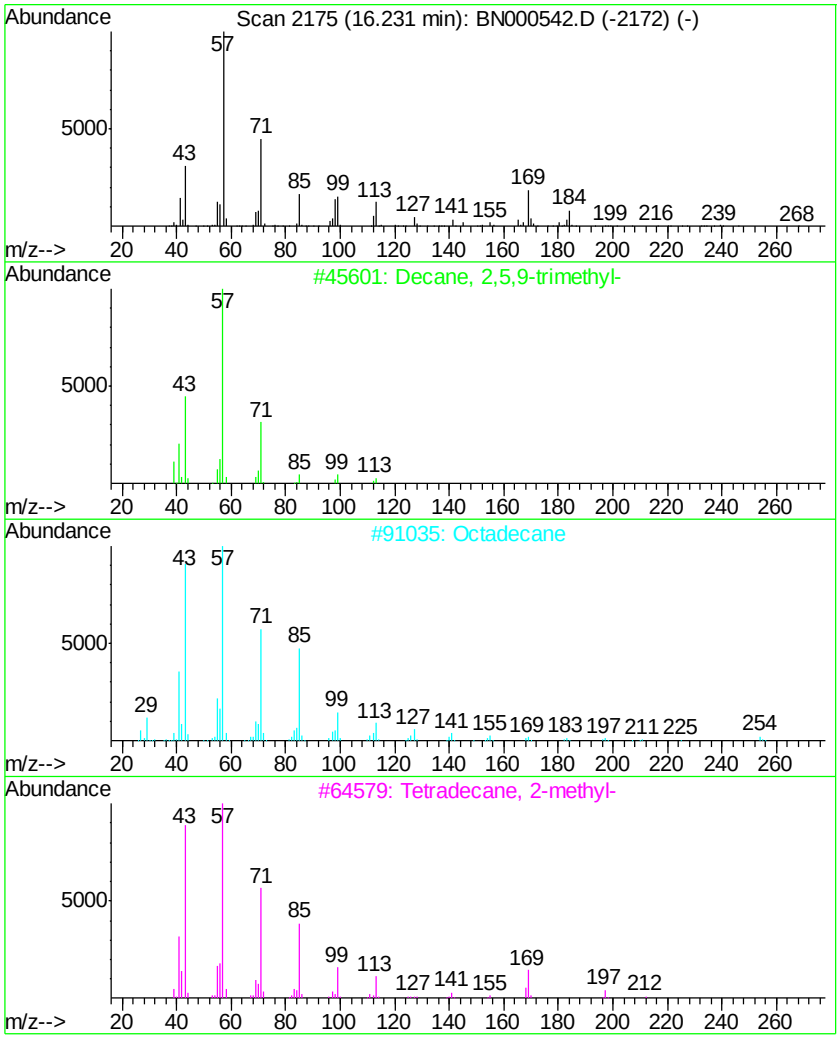
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

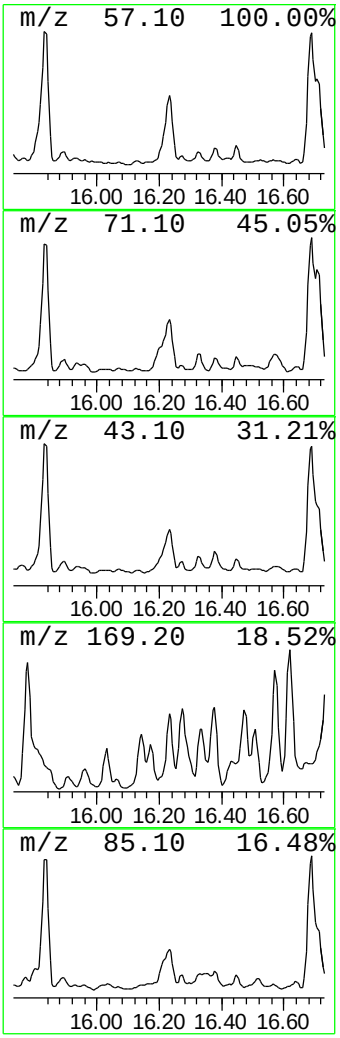
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	10.58 ng/ul	2485830	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
2	Octadecane	254	C18H38	000593-45-3	53
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	50
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

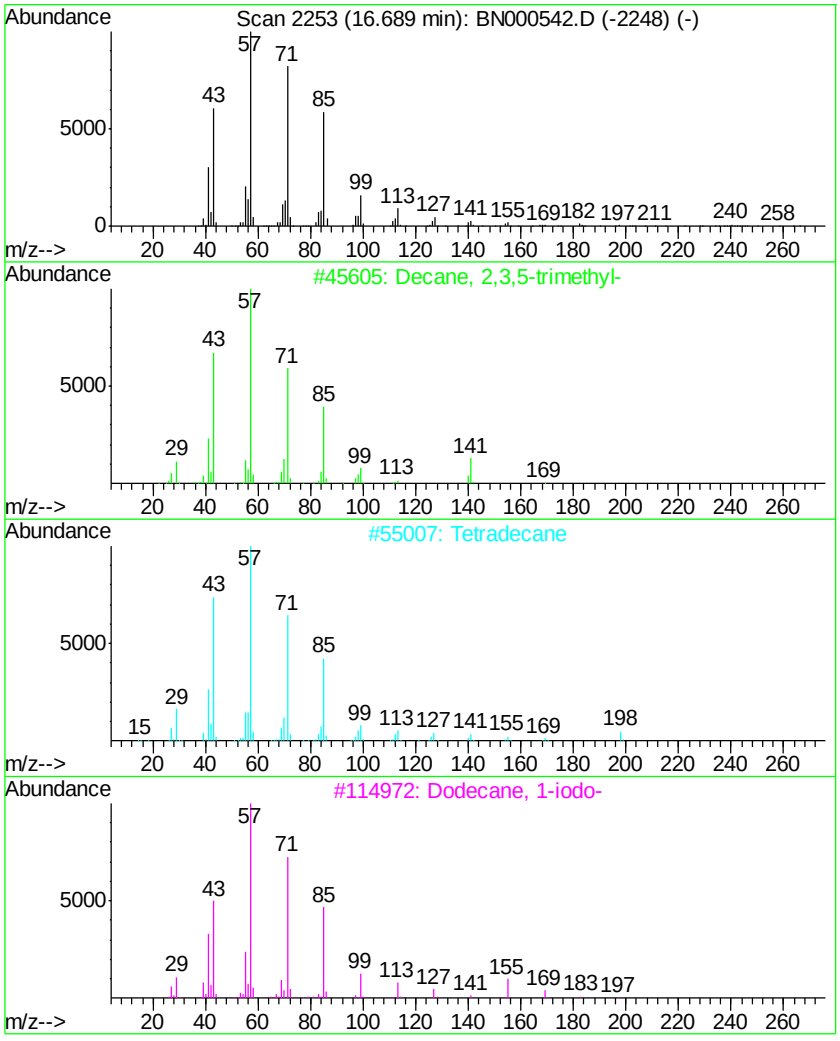
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

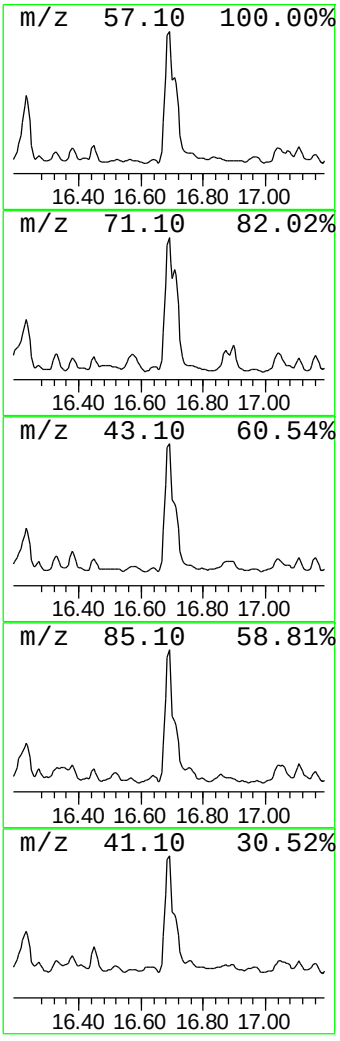
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	43.78 ng/ul	6666410	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
5	Heptadecane	240	C17H36	000629-78-7	68





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

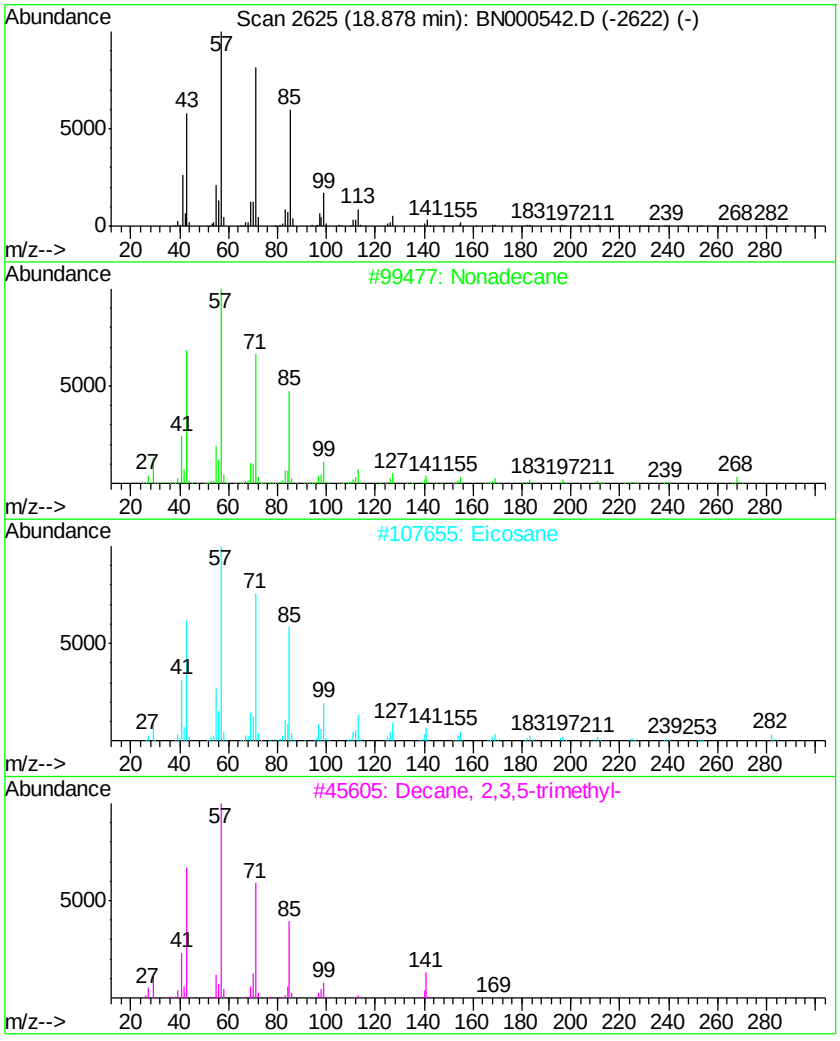
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

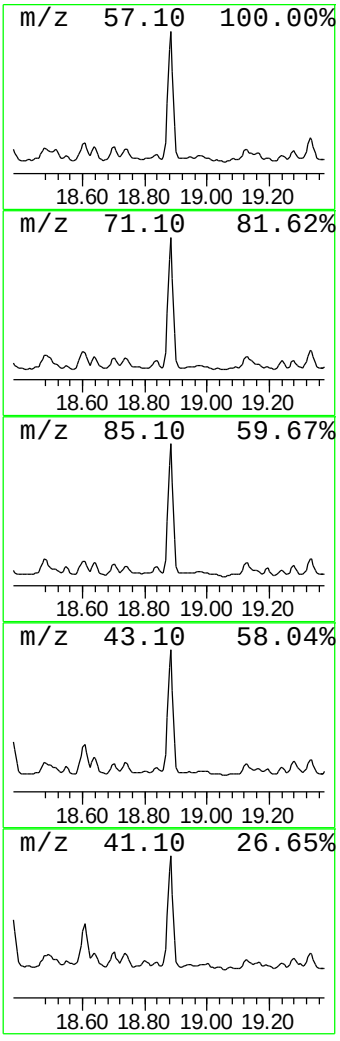
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	24.85 ng/ul	3782980	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Heptacosane	380	C27H56	000593-49-7	72
5	Heptadecane	240	C17H36	000629-78-7	68





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
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Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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

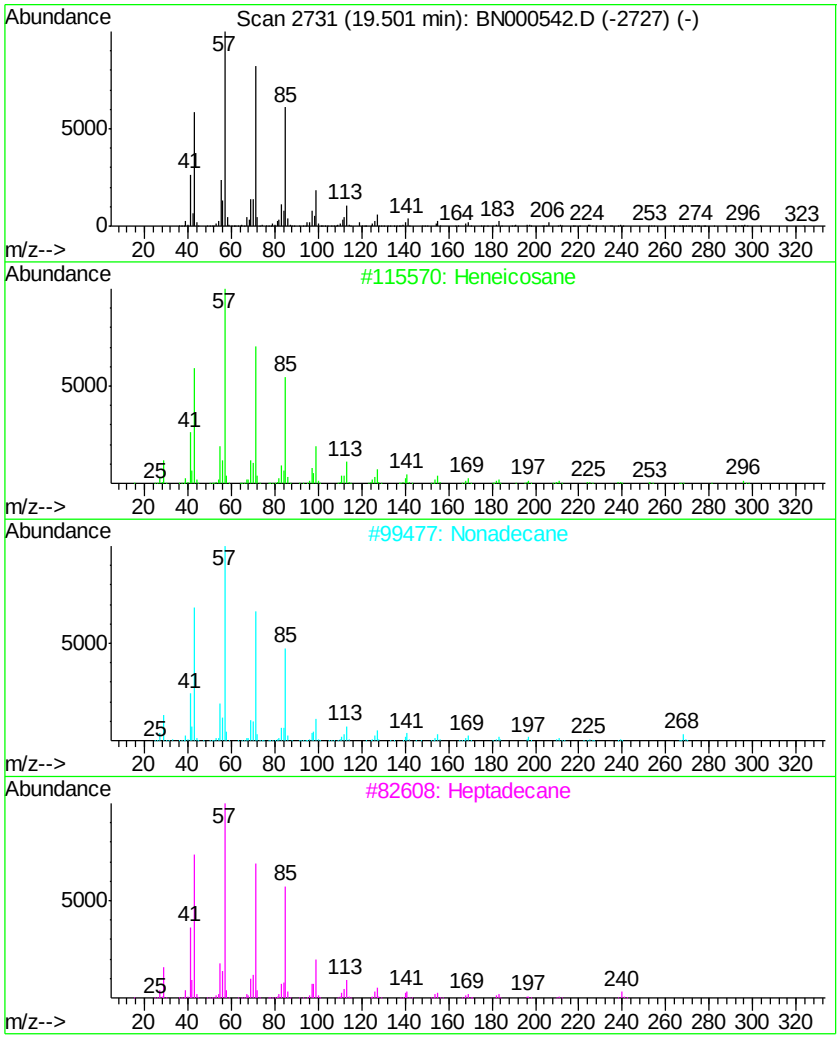
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

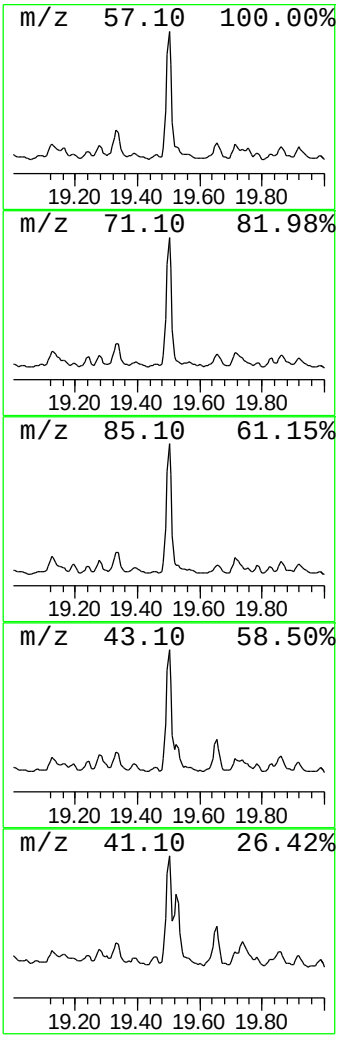
****

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	23.54 ng/ul	3583700	Phenanthrene-d10	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

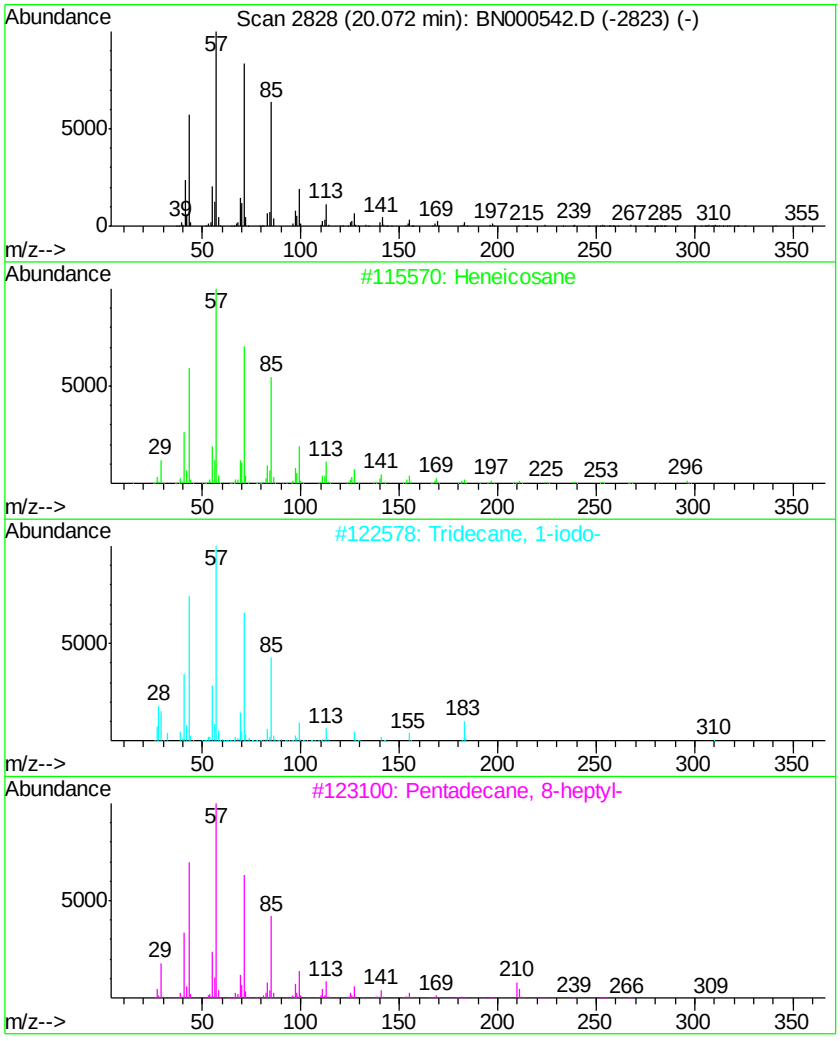
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

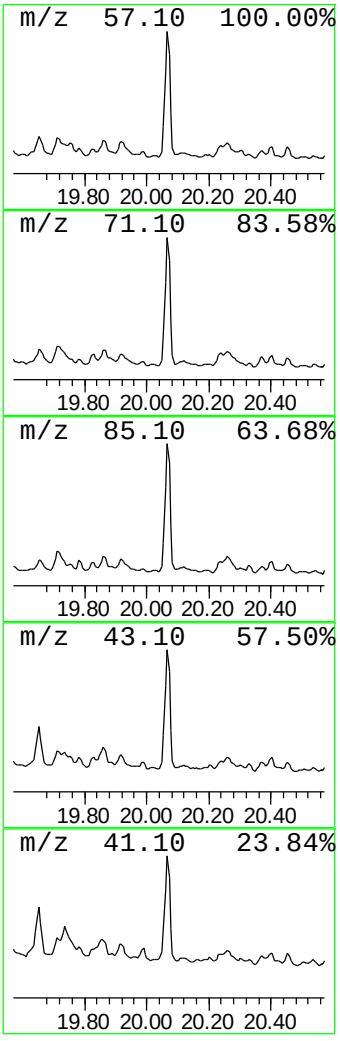
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	20.59 ng/ul	2629860	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

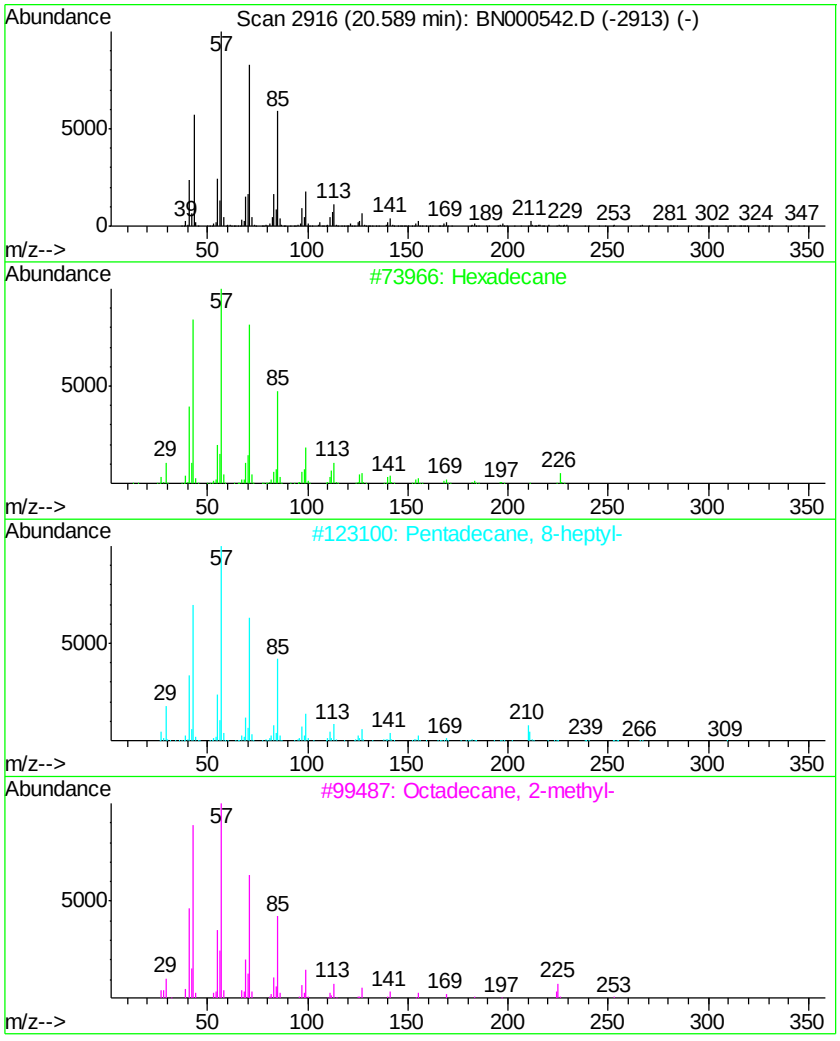
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

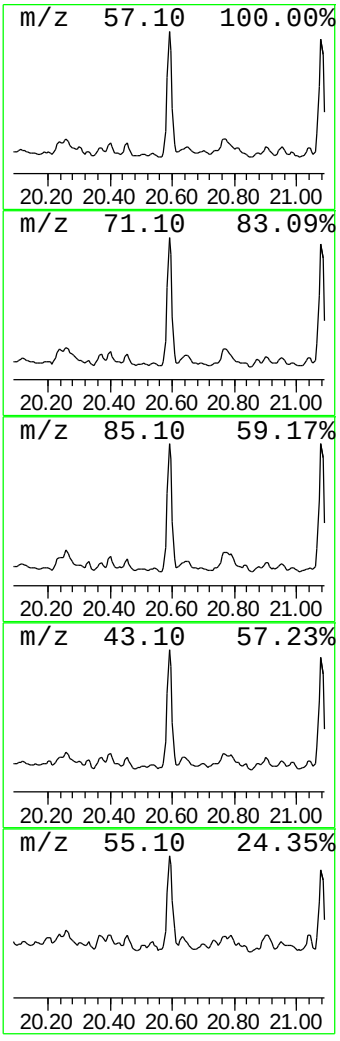
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	19.33 ng/ul	2469170	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

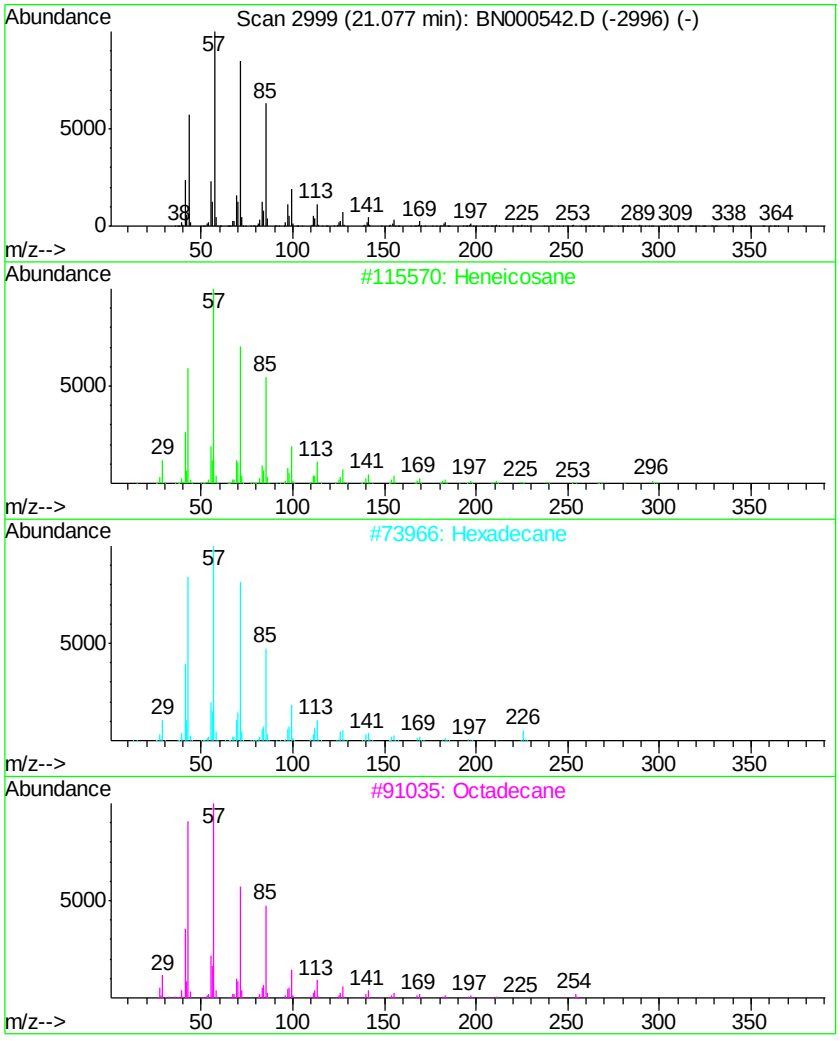
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

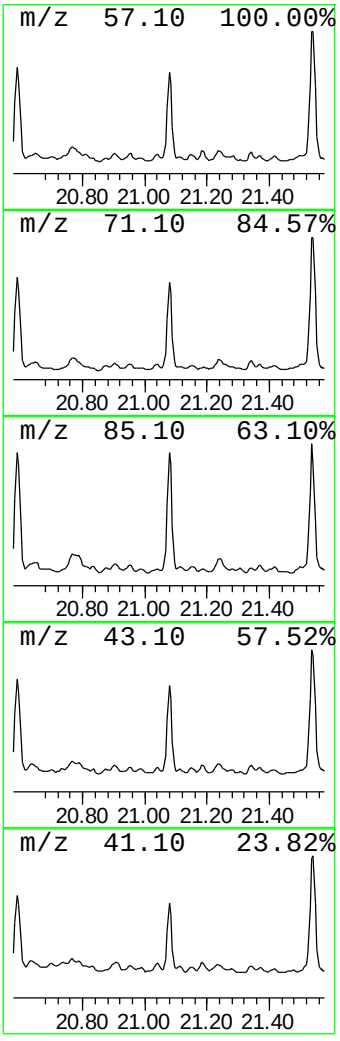
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	14.94 ng/ul	1908760	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

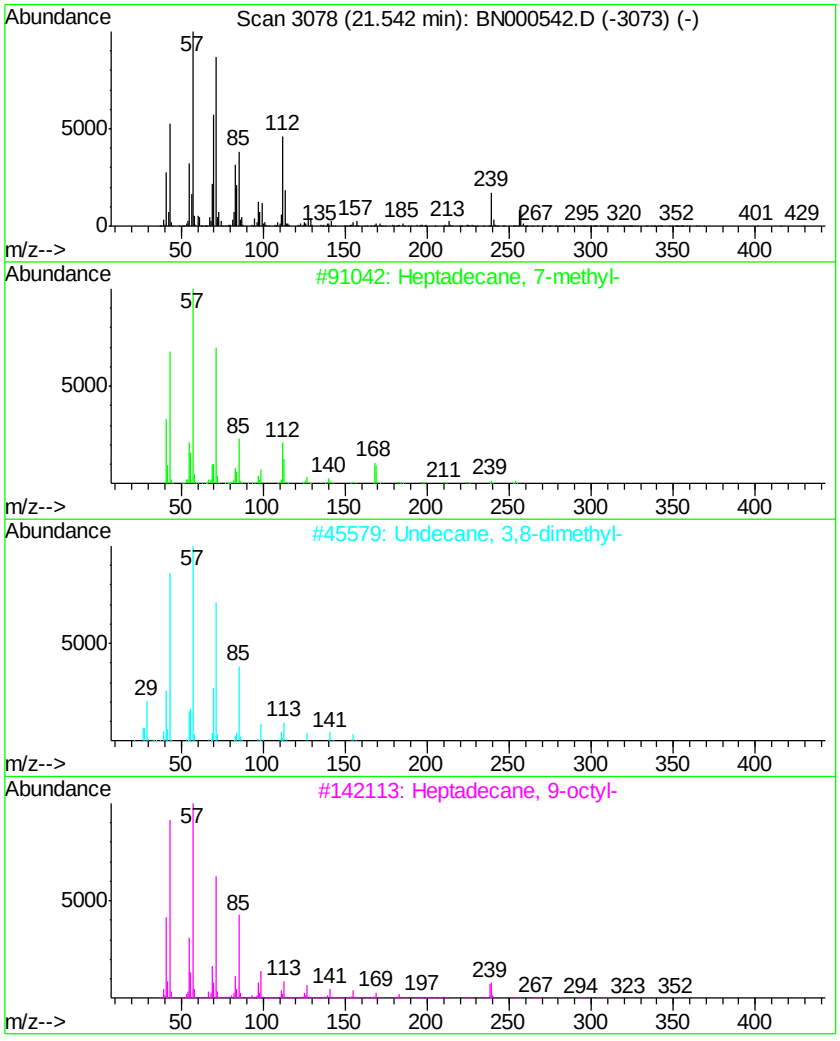
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

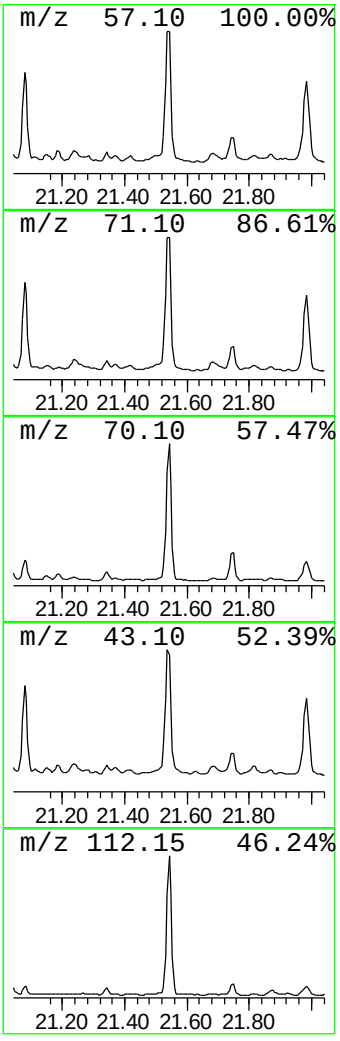
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	38.40 ng/ul	4905200	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	58
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	47
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	41
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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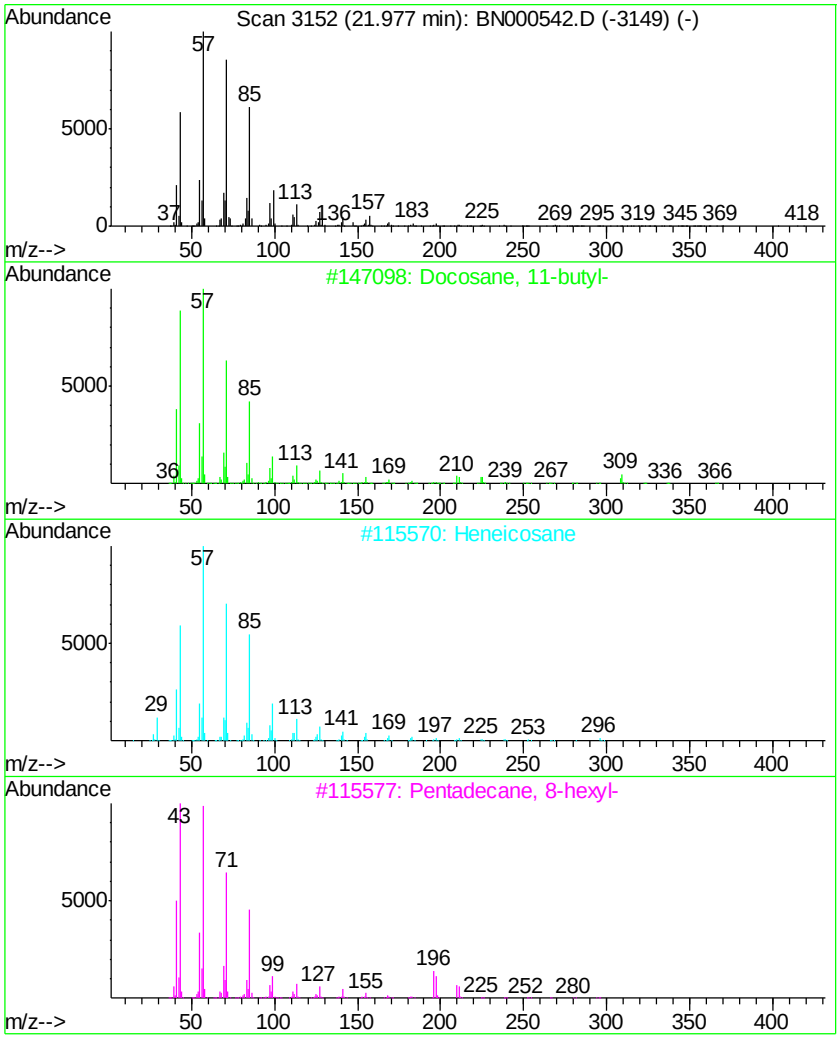
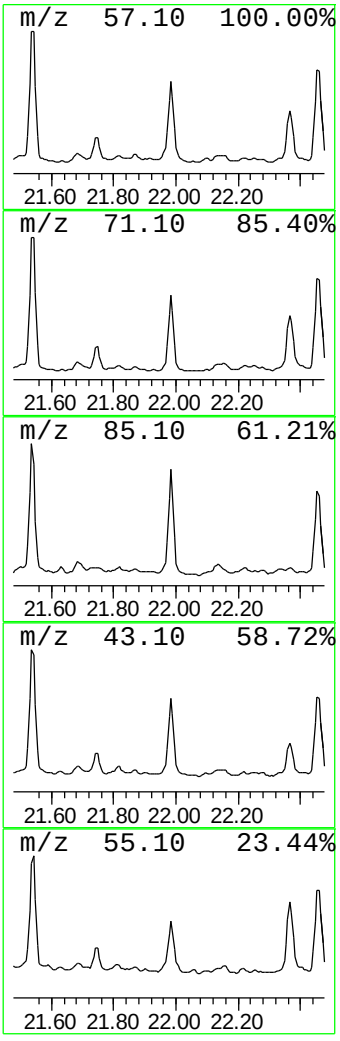
Peak Number 74 (DEL) Alkane: Cyclic21.98 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	19.24 ng/ul	2457330	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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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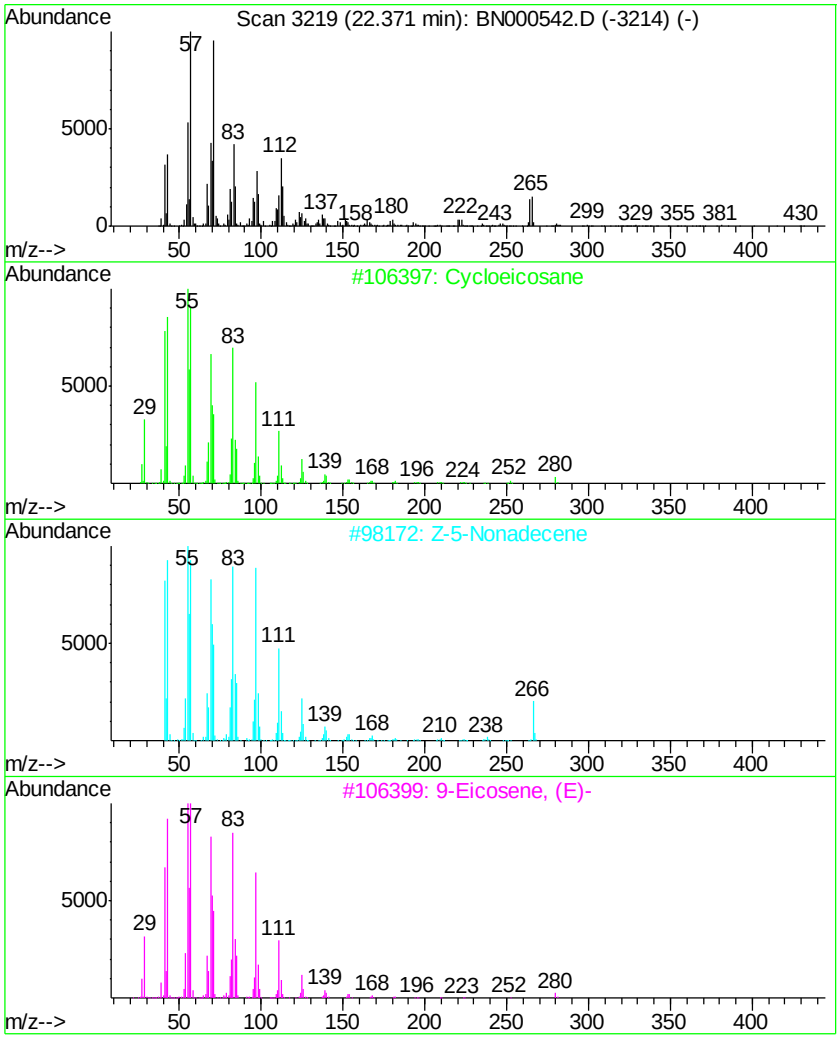
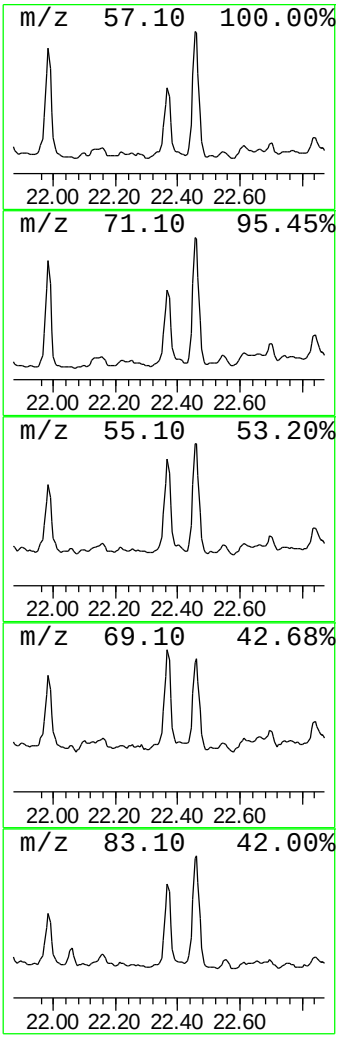
Peak Number 75 (DEL) Alkane: Cyclic22.37 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	17.76 ng/ul	2269110	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	42
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	42
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	42
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	41
5	1-Nonadecene	266	C19H38	018435-45-5	38





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

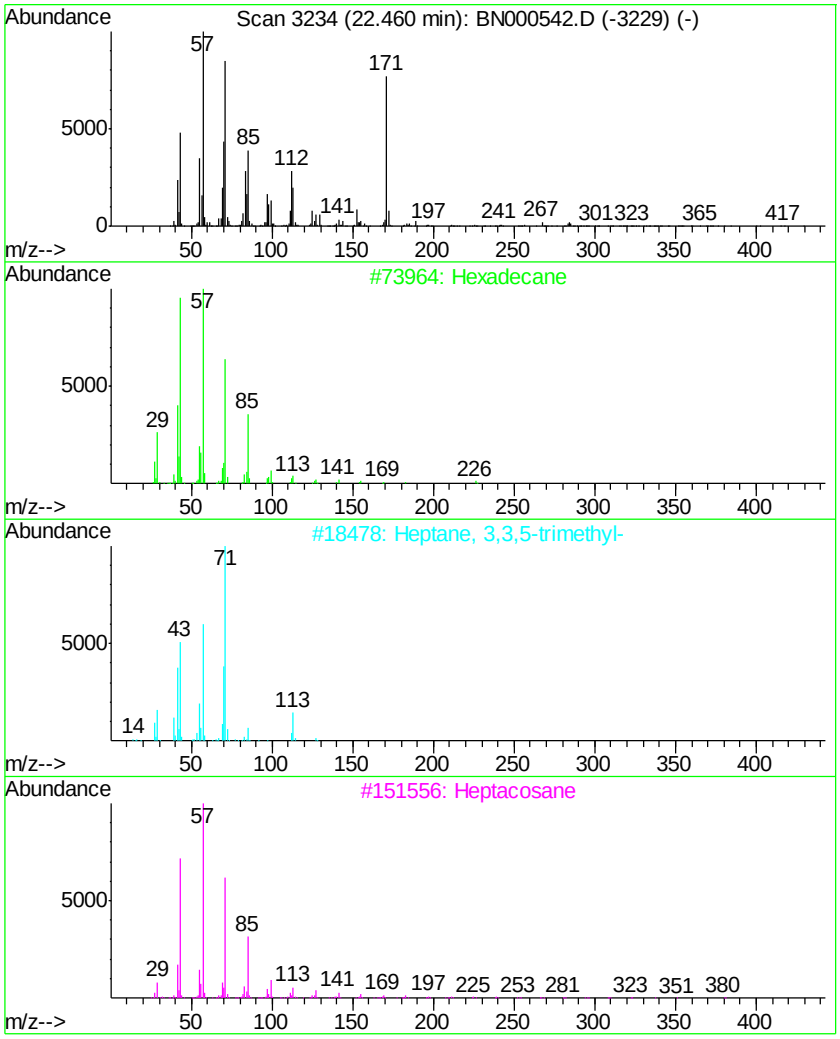
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

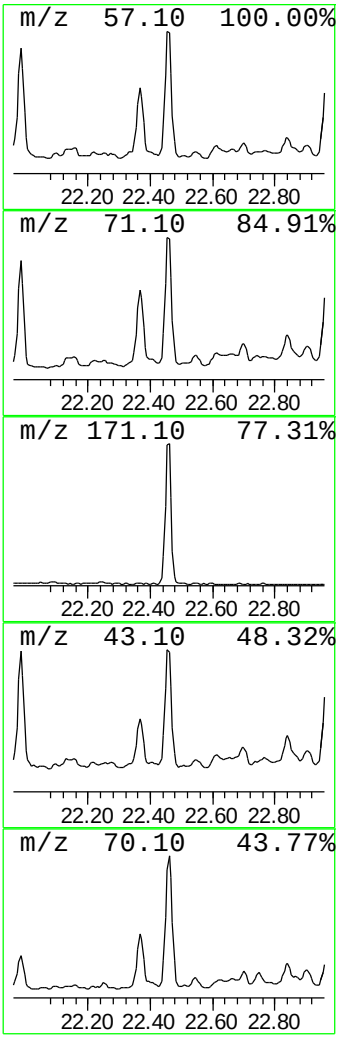
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	32.79 ng/ul	4188120	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	38
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	35
3	Heptacosane	380	C27H56	000593-49-7	35
4	Pentadecane	212	C15H32	000629-62-9	35
5	Hexadecane	226	C16H34	000544-76-3	35





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

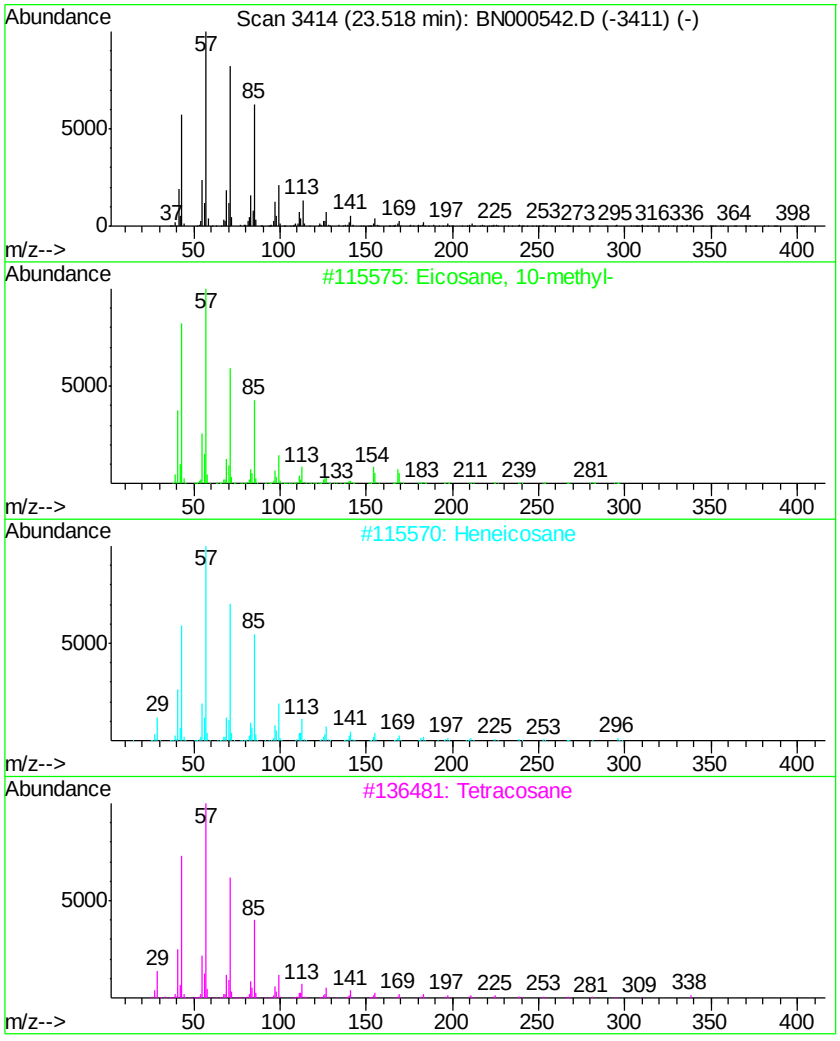
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

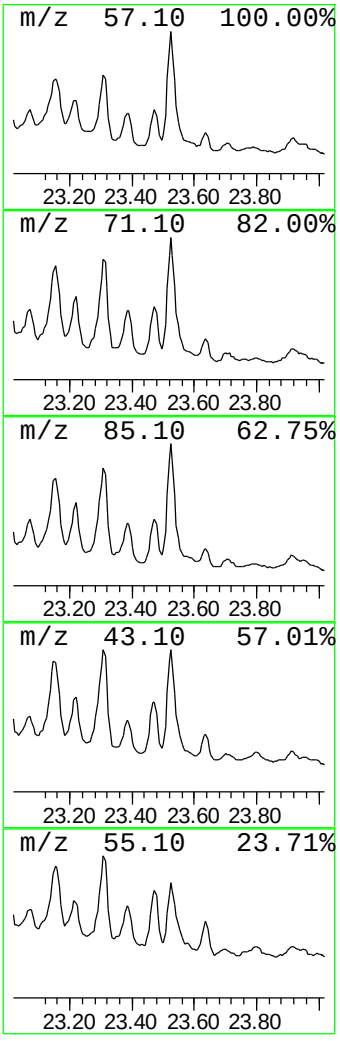
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 80 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	17.08 ng/ul	1795260	Perylene-d12	24.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	96
2	Heneicosane	296	C21H44	000629-94-7	96
3	Tetracosane	338	C24H50	000646-31-1	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000542.D
Acq On : 22 Mar 2018 16:12
Operator : JU/SJ
Sample : J1905-11DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM46DL

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
1-Butanol, 2-ethyl-	5.41	17.0	ng/ul	2184440	1	8.42	2572200	20.0
(DEL) Alkane: Str...	6.35	24.9	ng/ul	3204930	1	8.42	2572200	20.0
1-Pentanol, 2-ethyl-	6.86	27.5	ng/ul	3532920	1	8.42	2572200	20.0
(DEL) Alkane: Str...	7.36	17.2	ng/ul	2210350	1	8.42	2572200	20.0
(DEL) Alkane: Str...	7.42	18.6	ng/ul	2393250	1	8.42	2572200	20.0
Benzene, 1-ethyl-...	7.47	18.8	ng/ul	2412110	1	8.42	2572200	20.0
2-Heptanone, 4,6-...	7.81	21.5	ng/ul	2765720	1	8.42	2572200	20.0
(DEL) Alkane: Str...	8.01	75.4	ng/ul	9701630	1	8.42	2572200	20.0
Benzene, 1,2,3-tr...	8.05	22.3	ng/ul	2863830	1	8.42	2572200	20.0
(DEL) Alkane: Str...	8.37	20.0	ng/ul	2572200	1	8.42	2572200	20.0
1-Hexanol, 2-ethyl-	8.48	118.7	ng/ul	15259700	1	8.42	2572200	20.0
unknown-01	8.62	25.9	ng/ul	3332290	1	8.42	2572200	20.0
Cyclohexanone, 3,...	8.86	52.3	ng/ul	6720170	1	8.42	2572200	20.0
(DEL) Alkane: Str...	8.93	14.3	ng/ul	1834010	1	8.42	2572200	20.0
(DEL) Alkane: Str...	8.98	28.7	ng/ul	3685810	1	8.42	2572200	20.0
Benzene, 1,4-diet...	9.06	54.9	ng/ul	7066310	1	8.42	2572200	20.0
Benzene, 1-methyl...	9.43	14.5	ng/ul	1870400	1	8.42	2572200	20.0
unknown-02	9.78	41.8	ng/ul	5369920	1	8.42	2572200	20.0
Benzene, 4-ethyl-...	9.87	20.4	ng/ul	4425030	2	11.26	4331650	20.0
unknown-03	10.28	14.1	ng/ul	3054240	2	11.26	4331650	20.0
(DEL) Alkane: Str...	10.49	9.6	ng/ul	2074480	2	11.26	4331650	20.0
(DEL) Alkane: Str...	10.55	10.0	ng/ul	2159340	2	11.26	4331650	20.0
(DEL) Alkane: Str...	10.64	14.9	ng/ul	3217240	2	11.26	4331650	20.0
unknown-04	10.75	22.3	ng/ul	4817900	2	11.26	4331650	20.0
unknown-05	11.00	8.7	ng/ul	1884370	2	11.26	4331650	20.0
unknown-06	11.12	11.2	ng/ul	2422090	2	11.26	4331650	20.0
(DEL) Alkane: Str...	11.20	37.3	ng/ul	8069710	2	11.26	4331650	20.0
1,3-Pentanediol, ...	11.45	9.6	ng/ul	2077730	2	11.26	4331650	20.0
1,3-Hexanediol, 2...	11.54	11.8	ng/ul	2557830	2	11.26	4331650	20.0
2,4-Dipropyl-5-et...	11.60	28.6	ng/ul	6196920	2	11.26	4331650	20.0
(DEL) Alkane: Str...	11.73	12.5	ng/ul	2700050	2	11.26	4331650	20.0
unknown-07	11.84	9.1	ng/ul	1973920	2	11.26	4331650	20.0
unknown-08	11.93	12.0	ng/ul	2606680	2	11.26	4331650	20.0
unknown-09	12.12	12.8	ng/ul	2770540	2	11.26	4331650	20.0
(DEL) Alkane: Str...	12.23	14.9	ng/ul	3217370	2	11.26	4331650	20.0
Benzene, 1,3,5-tr...	12.31	19.3	ng/ul	4170250	2	11.26	4331650	20.0
unknown-10	12.47	22.1	ng/ul	4798340	2	11.26	4331650	20.0
(DEL) Alkane: Str...	12.61	27.9	ng/ul	6031380	2	11.26	4331650	20.0
(DEL) Alkane: Cyc...	13.26	12.1	ng/ul	2843950	3	15.04	4697940	20.0
Propanoic acid, 2...	13.77	7.6	ng/ul	1788060	3	15.04	4697940	20.0
Naphthalene, 1,8-...	14.36	18.7	ng/ul	4389590	3	15.04	4697940	20.0
(DEL) Alkane: Str...	14.48	9.3	ng/ul	2173950	3	15.04	4697940	20.0
(DEL) Alkane: Str...	14.90	51.3	ng/ul	12058600	3	15.04	4697940	20.0
(DEL) Alkane: Str...	15.83	38.0	ng/ul	8923940	3	15.04	4697940	20.0
(DEL) Alkane: Str...	16.23	10.6	ng/ul	2485830	3	15.04	4697940	20.0
(DEL) Alkane: Str...	16.69	43.8	ng/ul	6666410	4	17.78	3045150	20.0
(DEL) Alkane: Str...	18.88	24.9	ng/ul	3782980	4	17.78	3045150	20.0
(DEL) Alkane: Str...	19.50	23.5	ng/ul	3583700	4	17.78	3045150	20.0
(DEL) Alkane: Str...	20.07	20.6	ng/ul	2629860	5	21.88	2554850	20.0

(DEL) Alkane: Str...	20.59	19.3	ng/ul	2469170	5	21.88	2554850	20.0
(DEL) Alkane: Str...	21.08	14.9	ng/ul	1908760	5	21.88	2554850	20.0
(DEL) Alkane: Str...	21.54	38.4	ng/ul	4905200	5	21.88	2554850	20.0
(DEL) Alkane: Cyc...	21.98	19.2	ng/ul	2457330	5	21.88	2554850	20.0
(DEL) Alkane: Cyc...	22.37	17.8	ng/ul	2269110	5	21.88	2554850	20.0
(DEL) Alkane: Str...	22.46	32.8	ng/ul	4188120	5	21.88	2554850	20.0
(DEL) Alkane: Str...	23.52	17.1	ng/ul	1795260	6	24.37	2101650	20.0

Instrument :
BNA_N
ClientSampleId :
DAM46DL