LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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	4.696	207	214	221	rVV	588541	894207	1.24%	0.326%
2	5.408	330	335	346	rVV2	531891	857531	1.19%	0.312%
3	5.896	411	418	426	rVV2	324064	530691	0.74%	0.193%
4	6.861	575	582	587	rBV	362216	576582	0.80%	0.210%
5	7.114	619	625	633	rVB	1030243	1588603	2.21%	0.579%
6	7.525	690	695	702	rVB3	581673	951724	1.32%	0.347%
7	7.643	711	715	721	rVB	680211	1020175	1.42%	0.372%
8	7.755	729	734	737	rBV	363672	598100	0.83%	0.218%
9	7.814	737	744	752	rVB2	1736296	3049029	4.23%	1.110%
10	8.002	771	776	780	rBV	614830	911092	1.27%	0.332%
11	8.366	833	838	843	rBV2	255312	598872	0.83%	0.218%
12	8.419	843	847	850	rVV	567776	908038	1.26%	0.331%
13	8.472	850	856	862	rVV	3299216	6223733	8.64%	2.267%
14	8.525	862	865	871	rVB2	405109	623566	0.87%	0.227%
15	8.619	871	881	898	rBV	6107447	13083918	18.17%	4.765%
16	8.866	914	923	936	rBV	8032630	17644503	24.51%	6.426%
17	9.049	948	954	966	rVB3	999350	2309131	3.21%	0.841%
18	9.155	966	972	977	rBV3	343043	643463	0.89%	0.234%
19	9.219	977	983	994	rVB2	760439	1416148	1.97%	0.516%
20	9.543	1030	1038	1043	rVB2	1441597	2579282	3.58%	0.939%
21	9.631	1043	1053	1060	rBV	958460	1852967	2.57%	0.675%
22	9.796	1065	1081	1084	rBV5	892098	2994236	4.16%	1.090%
23	9.855	1085	1091	1093	rBV	921883	1859732	2.58%	0.677%
24	9.931	1099	1104	1113	rVB4	537433	1281491	1.78%	0.467%
25	10.025	1114	1120	1124	rBV	825228	1400592	1.95%	0.510%
26	10.119	1131	1136	1139	rBV	379892	607588	0.84%	0.221%
27	10.166	1139	1144	1148	rVV	1904069	3253244	4.52%	1.185%
28	10.207	1148	1151	1157	rVV	616632	925645	1.29%	0.337%
29	10.278	1157	1163	1172	rVV3	2227715	5503145	7.64%	2.004%
30	10.372	1172	1179	1184	rVV2	1020040	2226756	3.09%	0.811%
31	10.419	1184	1187	1192	rVV4	312040	530300	0.74%	0.193%
32	10.484	1192	1198	1203	rVB4	424574	924221	1.28%	0.337%
33	10.643	1219	1225	1228	rBV6	301625	610397	0.85%	0.222%
34	10.749	1236	1243	1251	rBV3	1963959	4013417	5.57%	1.462%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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	10.990	1280	1284	1289	rVB	440257	705001	0.98%	0.257%
36	11.113	1299	1305	1309	rBV4	482857	1069854	1.49%	0.390%
37	11.184	1314	1317	1318	rVV	633828	802035	1.11%	0.292%
38	11.207	1318	1321	1325	rVV	953554	1698946	2.36%	0.619%
39	11.260	1325	1330	1335	rVV	1263196	2505940	3.48%	0.913%
40	11.331	1338	1342	1346	rVV2	502431	973602	1.35%	0.355%
41	11.372	1346	1349	1357	rVV3	592176	1342239	1.86%	0.489%
42	11.449	1357	1362	1365	rVV	612138	1082726	1.50%	0.394%
43	11.490	1365	1369	1370	rVV	349069	519209	0.72%	0.189%
44	11.537	1370	1377	1382	rVV2	1007401	2477501	3.44%	0.902%
45	11.596	1382	1387	1391	rVV	1677249	2881022	4.00%	1.049%
46	11.631	1391	1393	1400	rVB	561462	823064	1.14%	0.300%
47	11.725	1403	1409	1416	rVV4	617884	1266286	1.76%	0.461%
48	11.837	1422	1428	1436	rVB8	221747	657735	0.91%	0.240%
49	11.966	1441	1450	1456	rVB6	371028	1071014	1.49%	0.390%
50	12.172	1477	1485	1490	rVB3	1015455	2753130	3.82%	1.003%
51	12.460	1529	1534	1540	rBV	1226818	1793473	2.49%	0.653%
52	12.613	1555	1560	1564	rVV3	715637	1392240	1.93%	0.507%
53	12.654	1564	1567	1574	rVB	945070	1422744	1.98%	0.518%
54	12.760	1577	1585	1589	rBV3	1148016	2333784	3.24%	0.850%
55	12.978	1616	1622	1626	rBV	524589	825342	1.15%	0.301%
56	13.025	1626	1630	1641	rBV6	561393	1381917	1.92%	0.503%
57	13.213	1654	1662	1665	rBV3	393474	888626	1.23%	0.324%
58	13.337	1678	1683	1689	rBV4	257243	589619	0.82%	0.215%
59	13.448	1697	1702	1706	rBV	1198298	1712401	2.38%	0.624%
60	13.554	1716	1720	1725	rVB4	320890	490709	0.68%	0.179%
61	13.619	1726	1731	1737	rVB	660323	1209301	1.68%	0.440%
62	13.678	1737	1741	1750	rBV3	492890	900662	1.25%	0.328%
63	13.772	1750	1757	1762	rBV2	1891686	2970714	4.13%	1.082%
64	13.825	1762	1766	1769	rBV2	469345	668604	0.93%	0.243%
65	14.007	1792	1797	1803	rVB5	414957	750913	1.04%	0.273%
66	14.078	1803	1809	1818	rVB4	658037	1605260	2.23%	0.585%
67	14.178	1821	1826	1828	rBV5	302827	527952	0.73%	0.192%
68	14.219	1829	1833	1838	rVV2	312665	583917	0.81%	0.213%
69	14.272	1838	1842	1851	rVB2	465258	1155007	1.60%	0.421%
70	14.390	1858	1862	1870	rVB4	645854	1021499	1.42%	0.372%
71	14.737	1917	1921	1931	rVB2	856970	1468092	2.04%	0.535%

LSC Area Percent Report

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Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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

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

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

72	14.884	1942	1946	1952	rVB	1269282	1708022	2.37%	0.622%
73	15.037	1967	1972	1978	rBV3	1369628	2429140	3.37%	0.885%
74	15.148	1987	1991	1999	rBV	411337	558608	0.78%	0.203%
75	15.225	2000	2004	2007	rBV3	386144	612529	0.85%	0.223%
76	15.337	2015	2023	2031	rBV4	1931673	5576897	7.75%	2.031%
77	15.413	2032	2036	2045	rVB6	779959	1682267	2.34%	0.613%
78	15.501	2046	2051	2056	rBV2	723449	1275952	1.77%	0.465%
79	15.578	2056	2064	2070	rBV3	1911065	3841743	5.34%	1.399%
80	15.684	2071	2082	2088	rVB	12911729	31238428	43.39%	11.376%
81	15.766	2093	2096	2100	rVV2	633770	1047676	1.46%	0.382%
82	15.825	2104	2106	2110	rVB	504424	527753	0.73%	0.192%
83	16.225	2169	2174	2178	rVB2	341578	618406	0.86%	0.225%
84	16.454	2208	2213	2223	rVB6	258192	732372	1.02%	0.267%
85	16.684	2248	2252	2254	rBV	606711	835184	1.16%	0.304%
86	16.895	2281	2288	2290	rBV	573301	1259054	1.75%	0.459%
87	17.178	2331	2336	2342	rBV3	327254	665903	0.92%	0.243%
88	17.278	2348	2353	2361	rBV4	444857	918901	1.28%	0.335%
89	17.489	2371	2389	2390	rBV3	15359134	72001053	100.00%	26.221%
90	17.578	2402	2404	2423	rVB2	1356284	2458658	3.41%	0.895%
91	17.795	2437	2441	2445	rBV2	1664113	2360295	3.28%	0.860%
92	17.837	2445	2448	2452	rVB	415829	527802	0.73%	0.192%
93	17.884	2452	2456	2462	rBV3	389335	609660	0.85%	0.222%
94	18.201	2507	2510	2514	rVB	509451	618977	0.86%	0.225%
95	18.878	2622	2625	2632	rVB	409252	505981	0.70%	0.184%
96	19.789	2776	2780	2784	rVB	342014	445298	0.62%	0.162%
97	20.119	2832	2836	2839	rBV	341204	508119	0.71%	0.185%
98	21.542	3074	3078	3086	rVB	441792	560589	0.78%	0.204%
99	21.889	3131	3137	3141	rBV	1866180	2679503	3.72%	0.976%
100	24.371	3552	3559	3570	rVB2	1201072	2472304	3.43%	0.900%

Sum of corrected areas: 274591273

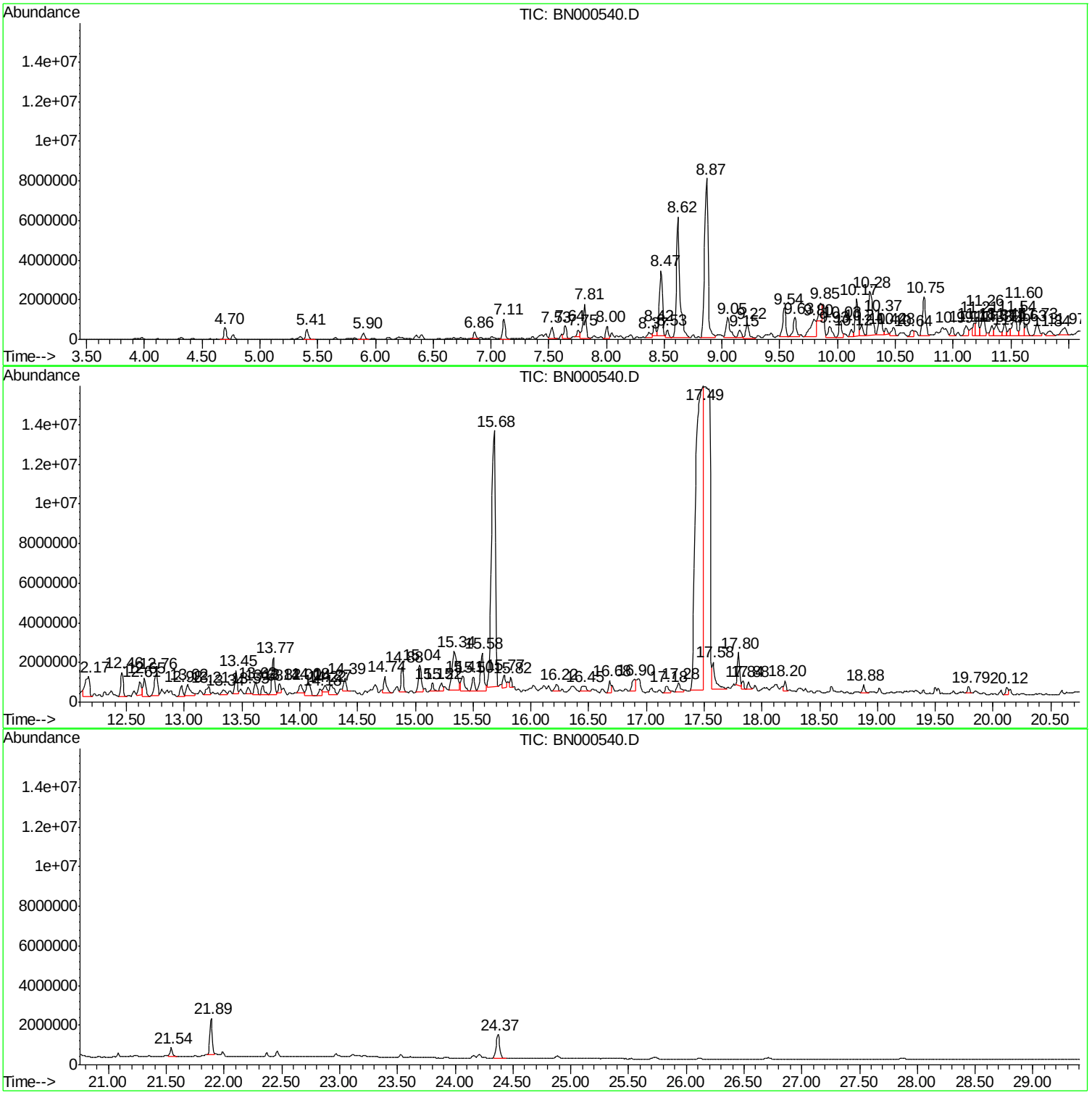
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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

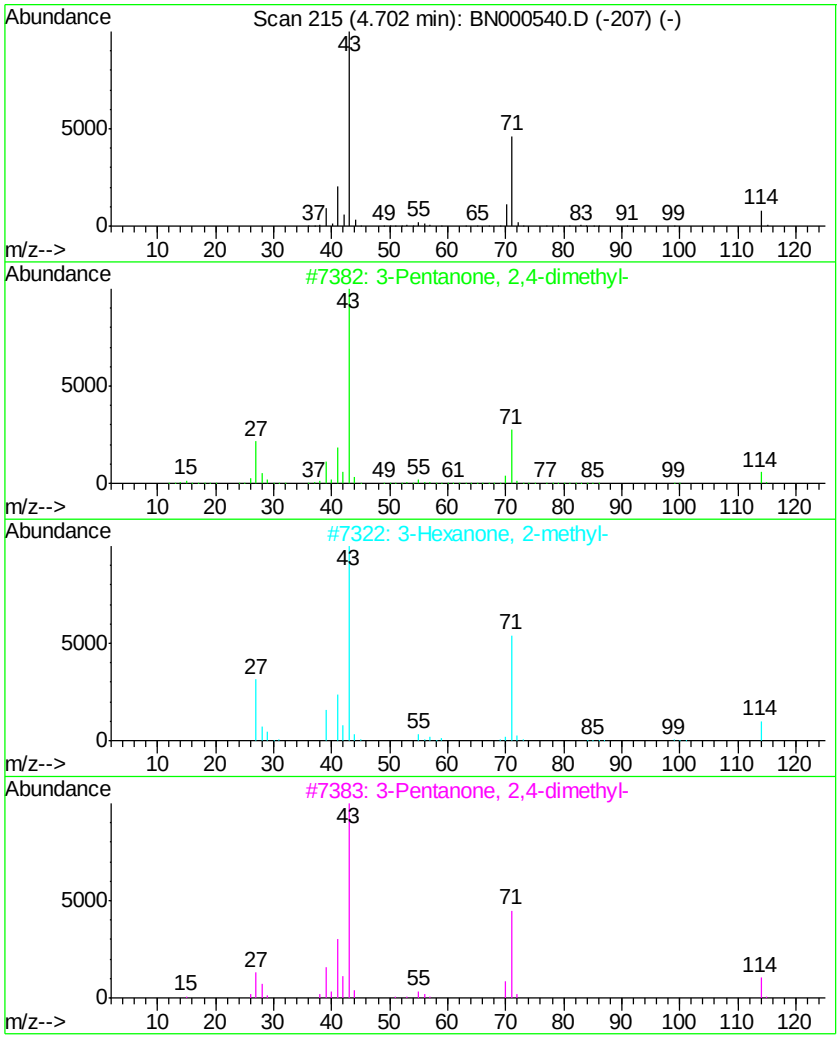
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

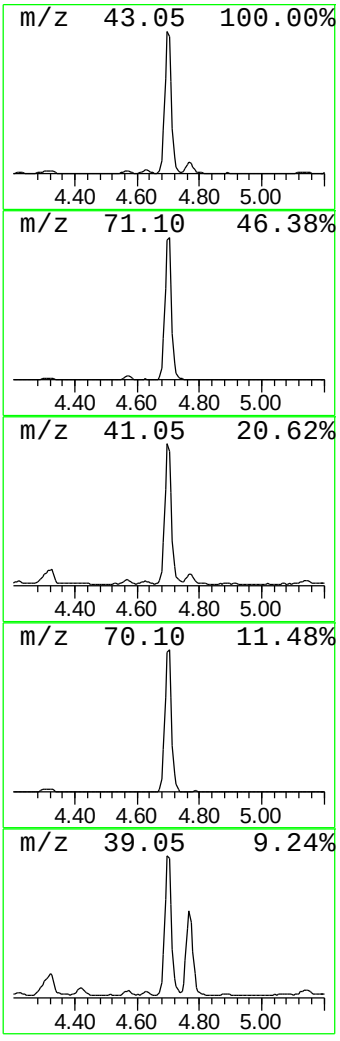
****

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	19.70 ng/ul	894207	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	90
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	59
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	56
4	4-Heptanone	114	C7H14O	000123-19-3	53
5	4-Heptanone	114	C7H14O	000123-19-3	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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

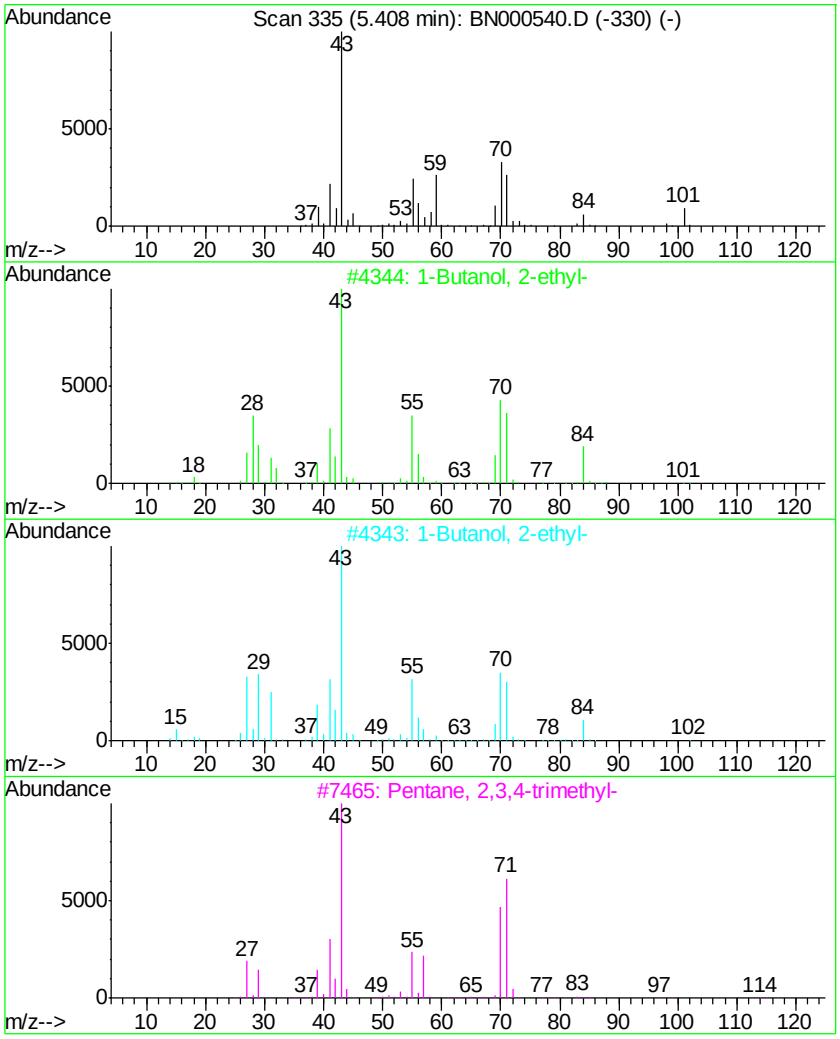
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

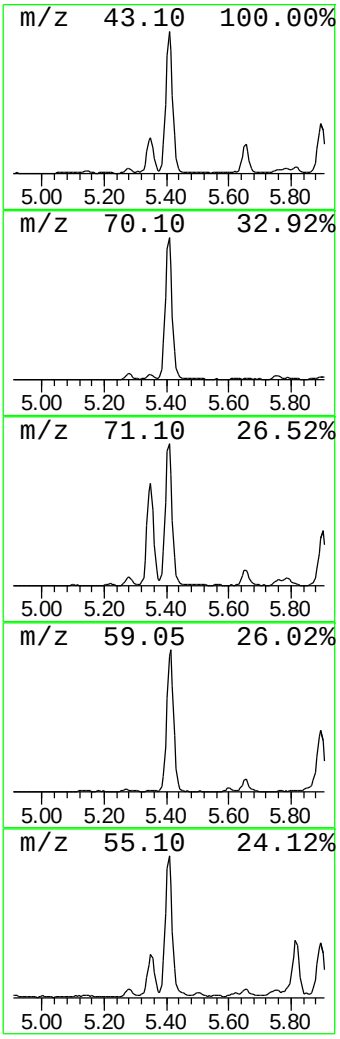
****

Peak Number 2 1-Butanol, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	18.89 ng/ul	857531	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	50
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	47
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	43
4	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	38
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	37





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

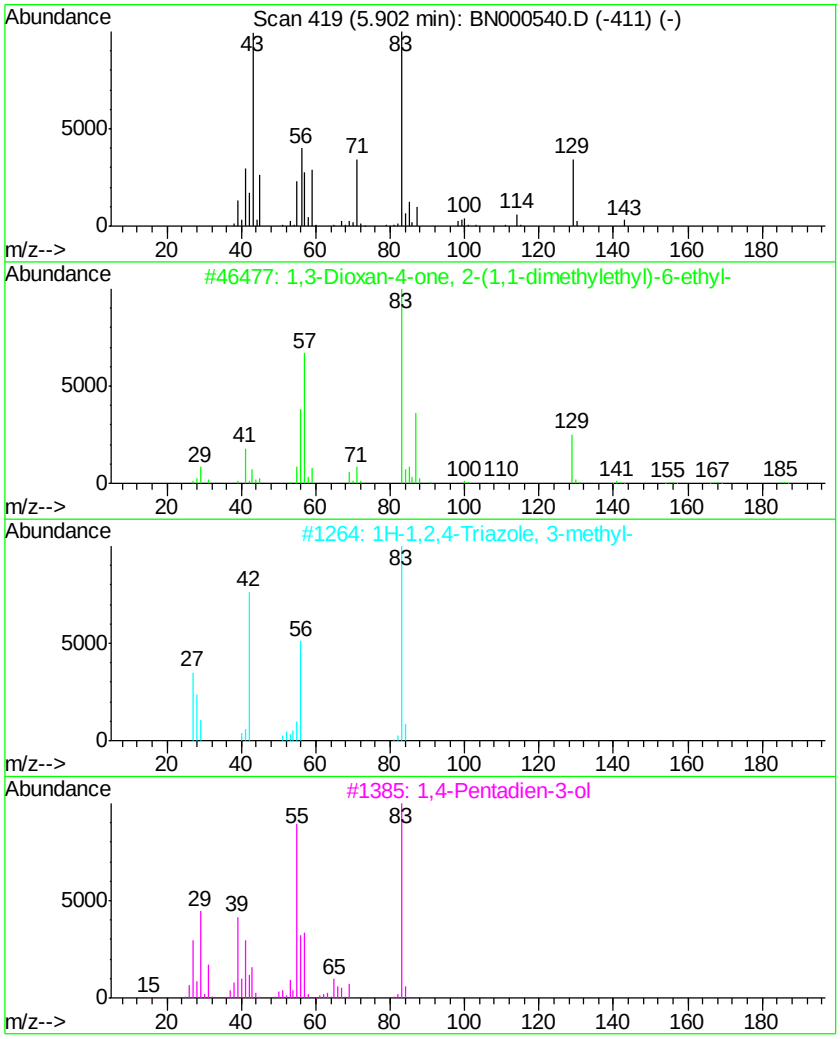
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

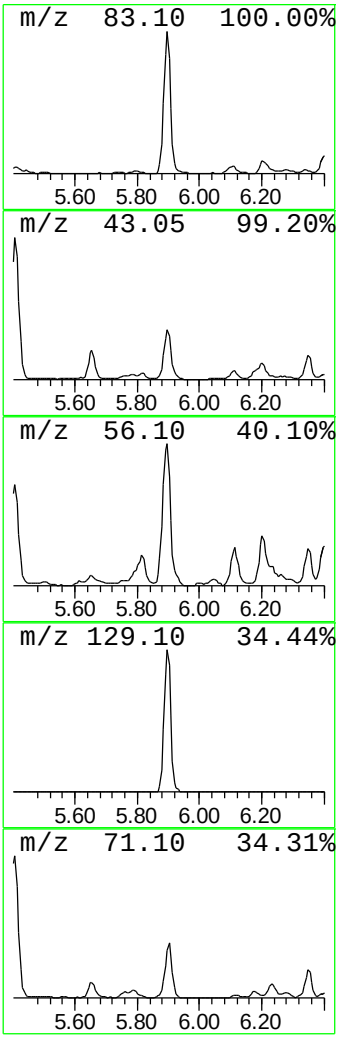
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Dioxan-4-one, 2-(1,1-di... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	11.69 ng/ul	530691	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	53
2	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	32
3	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	32
4	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	32
5	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	23





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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

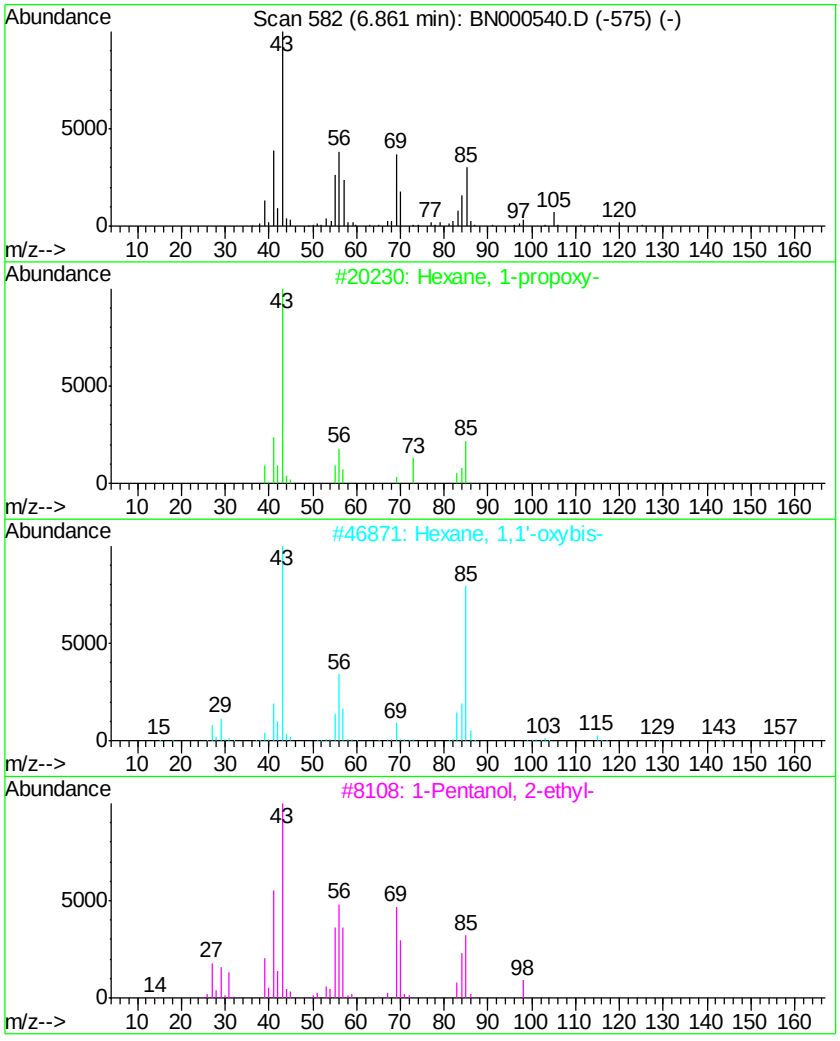
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

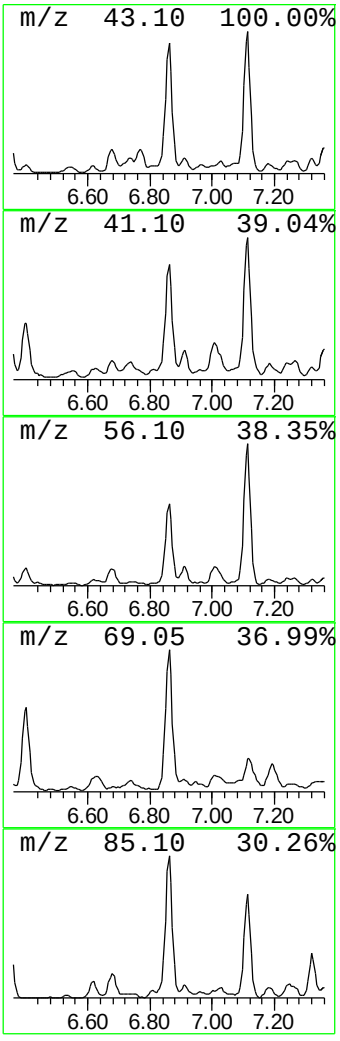
****

Peak Number 4 Hexane, 1-propoxy- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	12.70 ng/ul	576582	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	64
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
3	1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	59
4	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	50
5	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	40





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

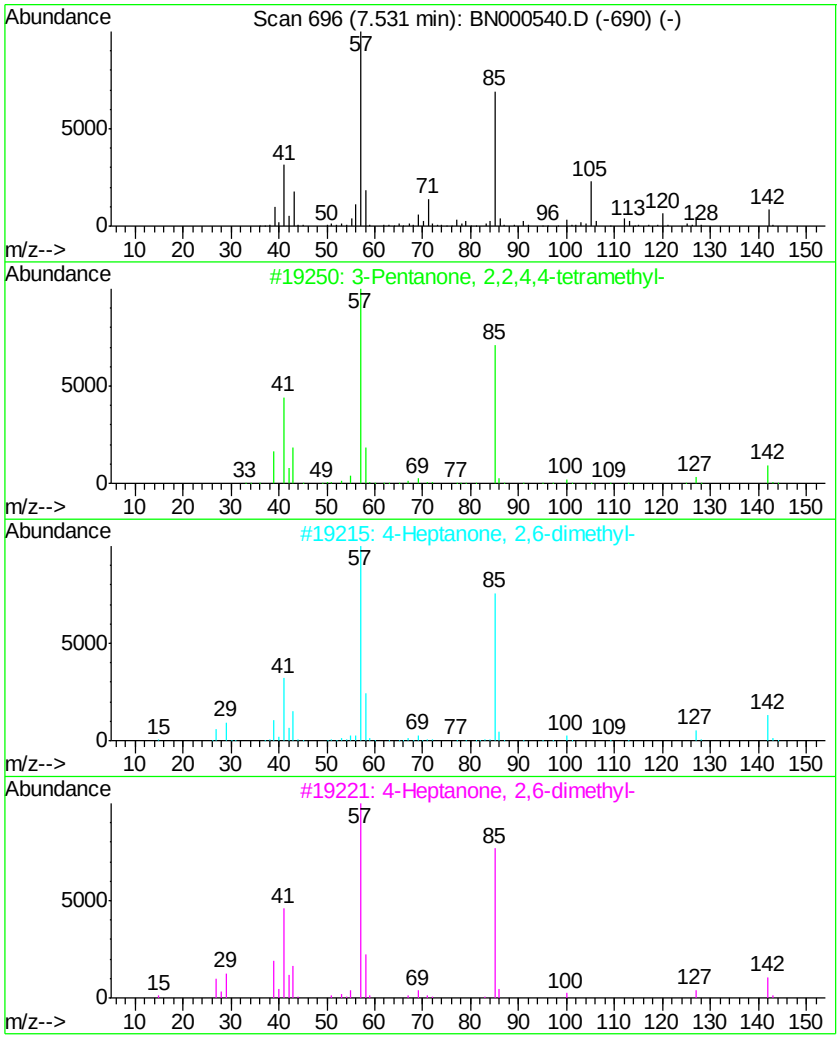
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

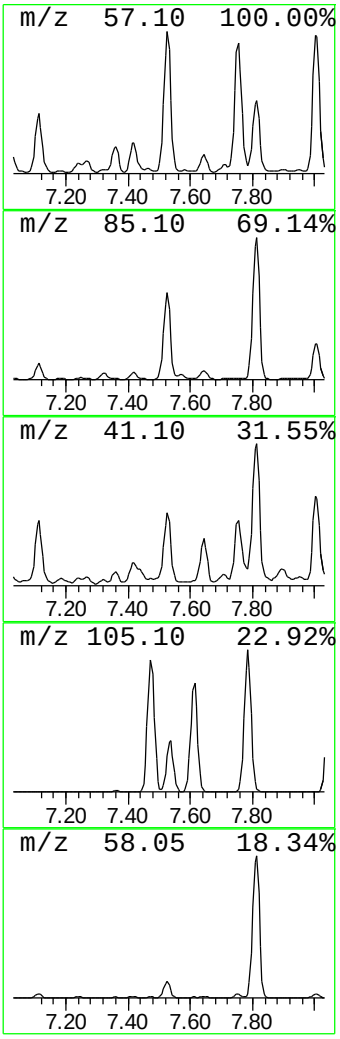
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Pentanone, 2,2,4,4-tetram... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	20.96 ng/ul	951724	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	81
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	74
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72
4	Butanoic acid, 3-methyl-, 2-prop...	142	C8H14O2	002835-39-4	53
5	5-Nonanone	142	C9H18O	000502-56-7	53





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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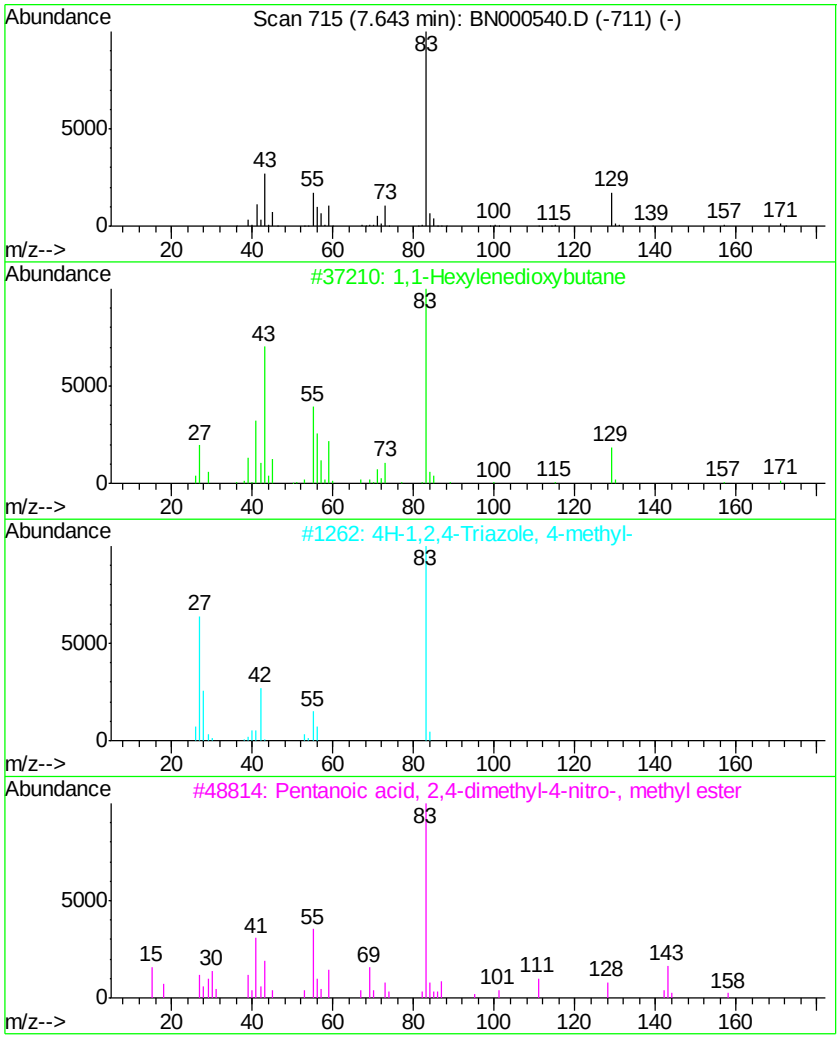
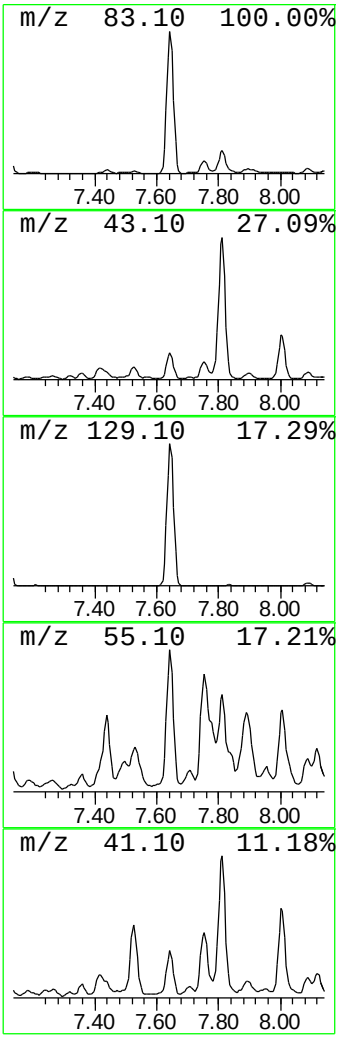
Peak Number 7 1,1-Hexylenedioxybutane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	22.47 ng/ul	1020180	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	53
2	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	42
3	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39
4	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	36
5	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	9





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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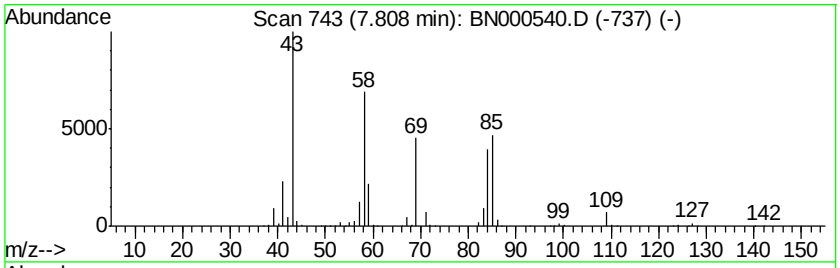
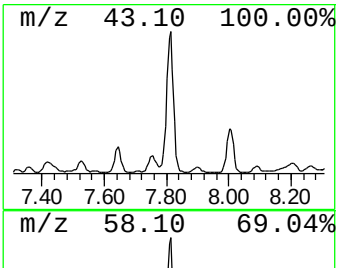
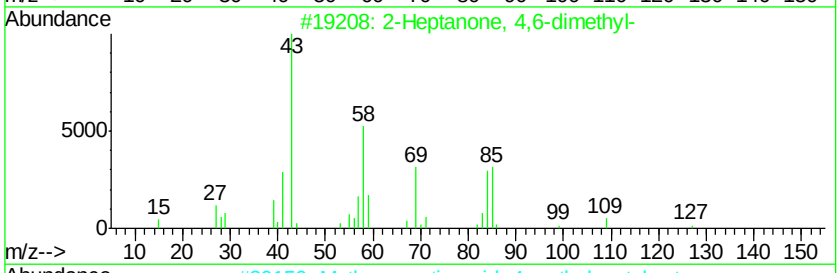
Peak Number 8 2-Heptanone, 4,6-dimethyl- Concentration Rank 4

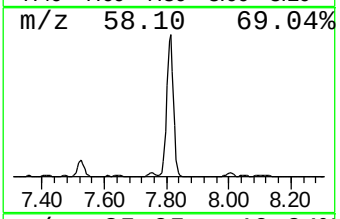
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	67.16 ng/ul	3049030	1,4-Dichlorobenzene-d4	8.42

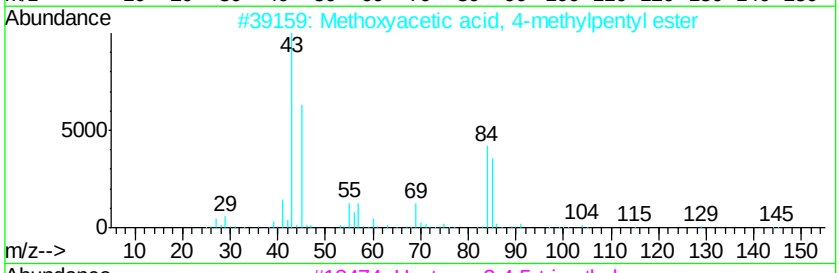
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	Methoxyacetic acid, 4-methylpent...	174	C9H18O3	1000282-41-2	38
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	35
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	25
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	25

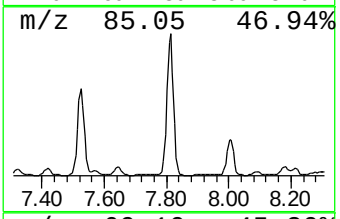


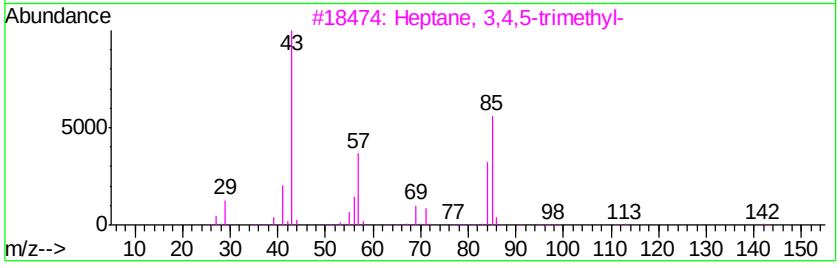


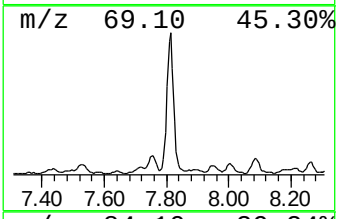


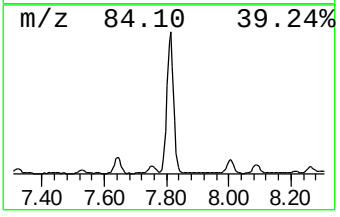












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Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

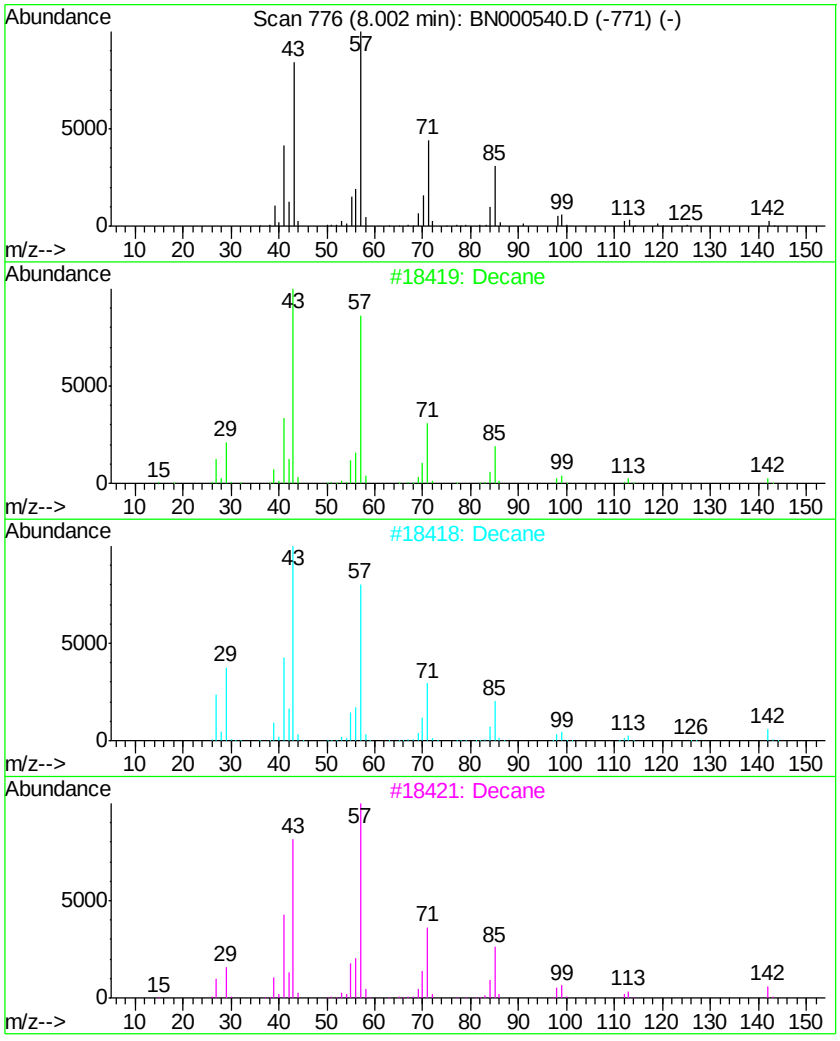
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

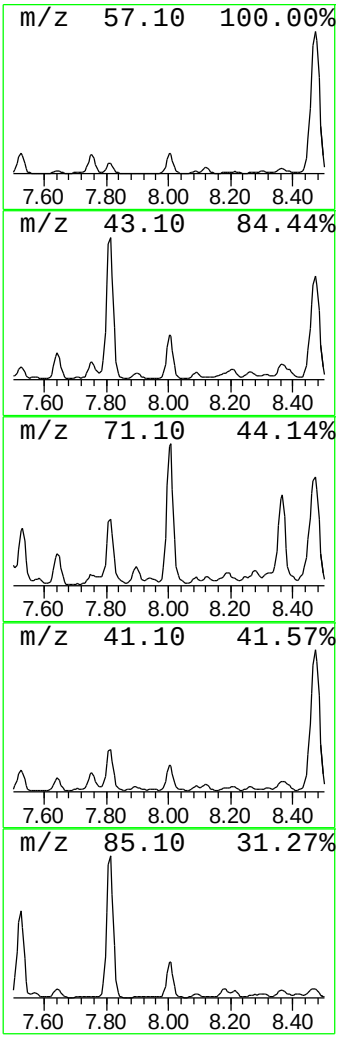
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	20.07 ng/ul	911092	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	90
3	Decane	142	C10H22	000124-18-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Undecane	156	C11H24	001120-21-4	83





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Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 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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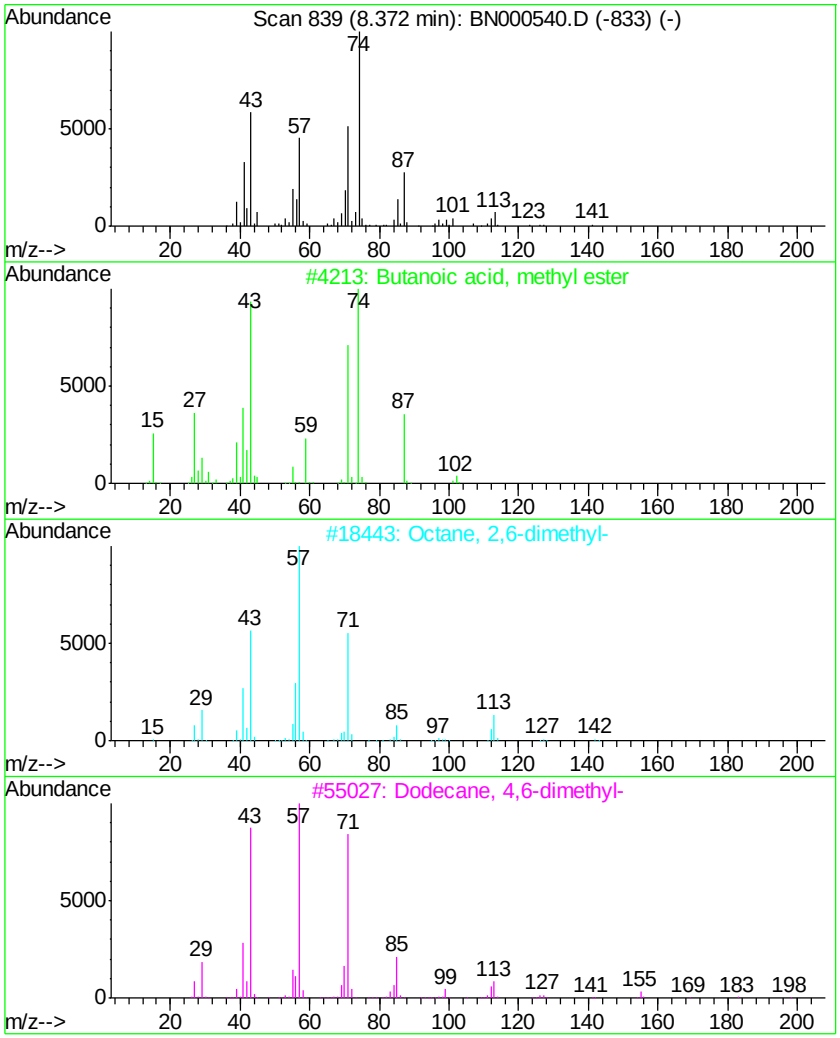
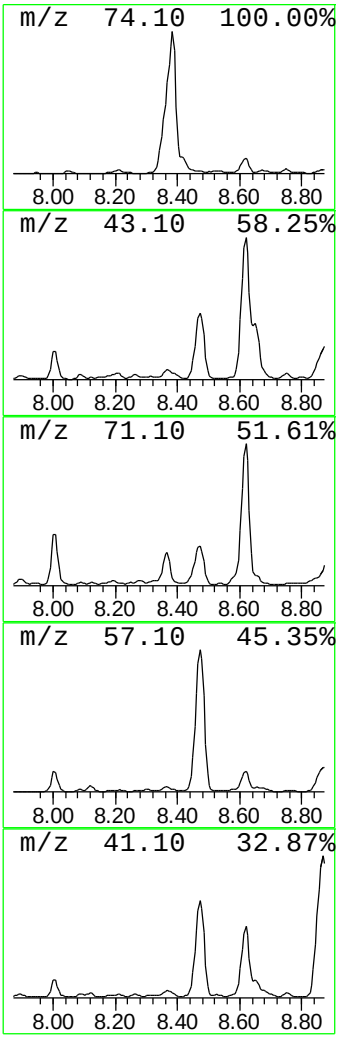
Peak Number 10 Butanoic acid, methyl ester Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	13.19 ng/ul	598872	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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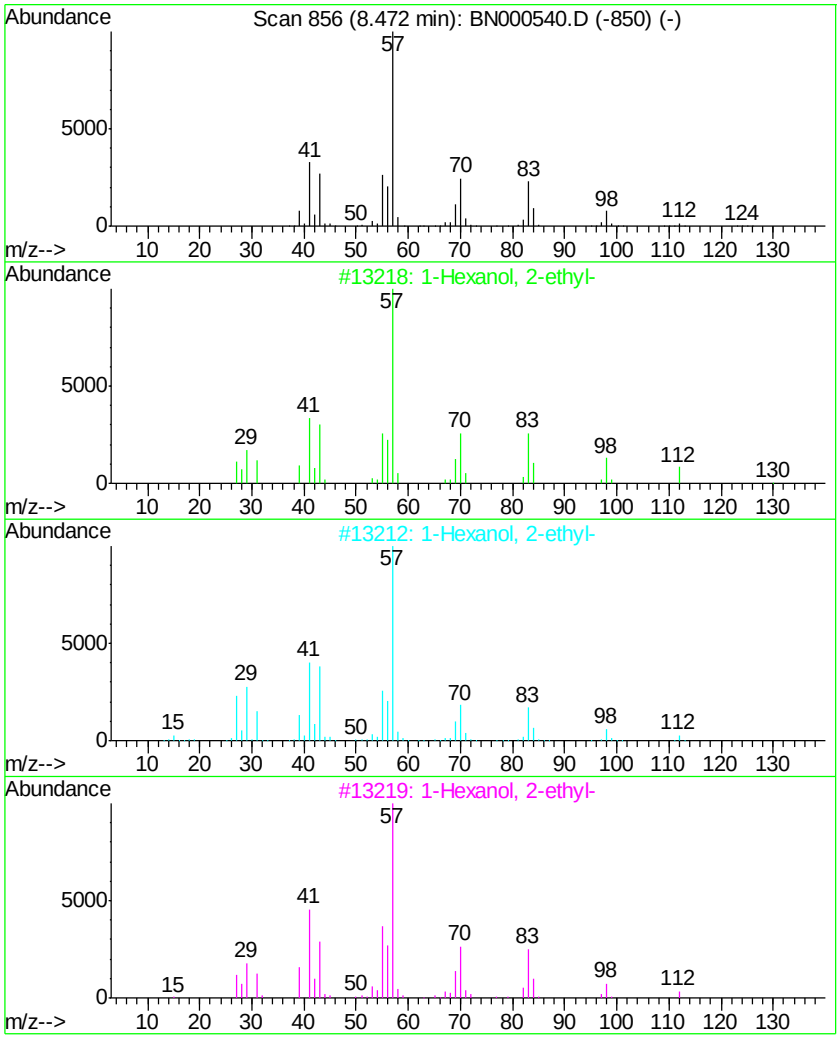
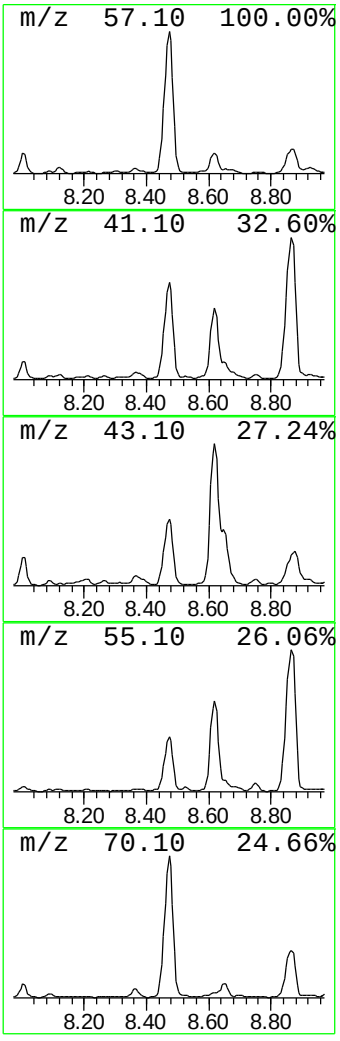
Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	137.08 ng/ul	6223730	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	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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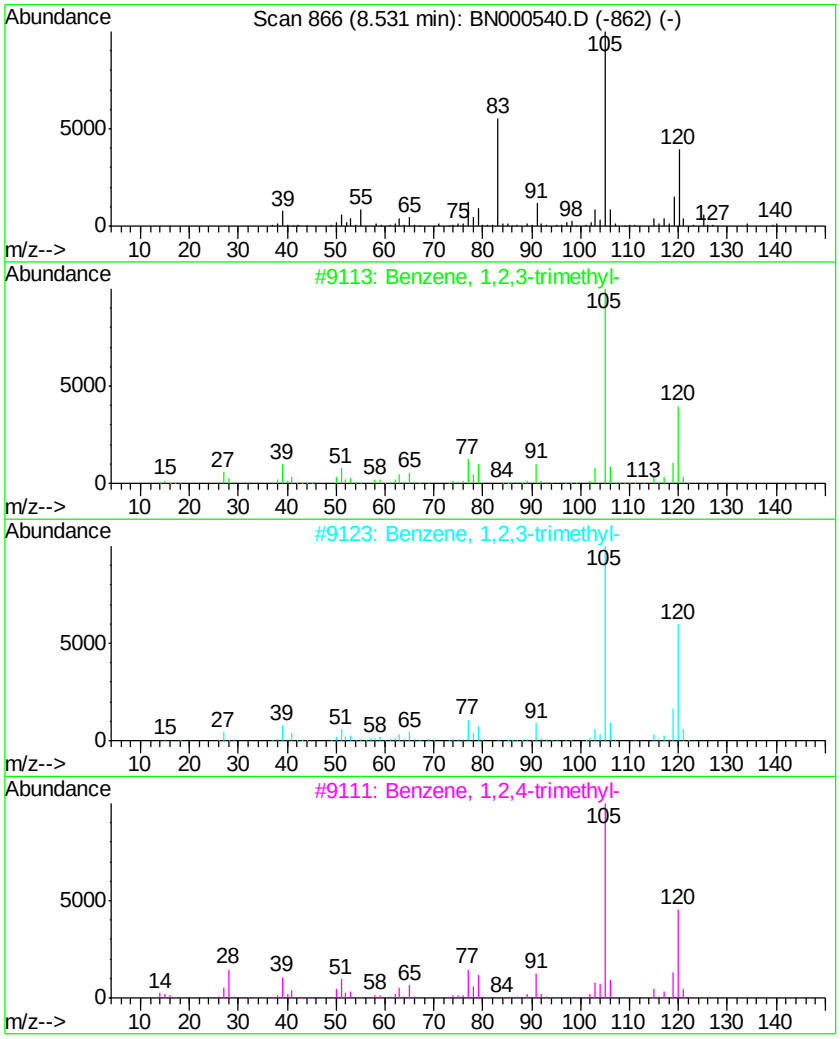
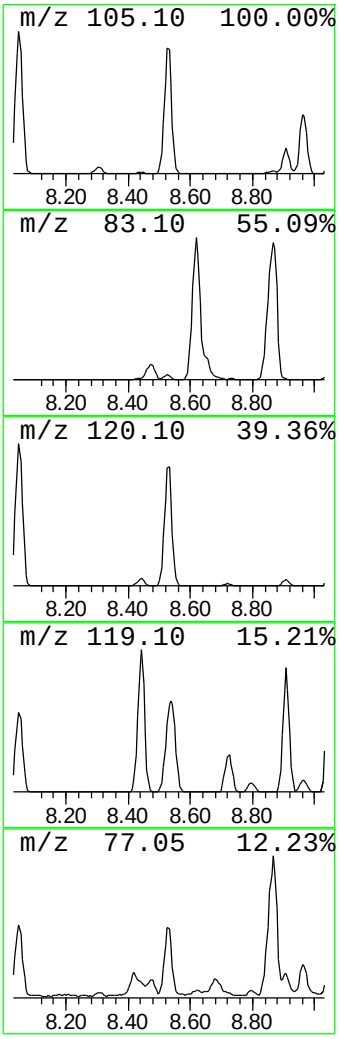
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	13.73 ng/ul	623566	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	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70





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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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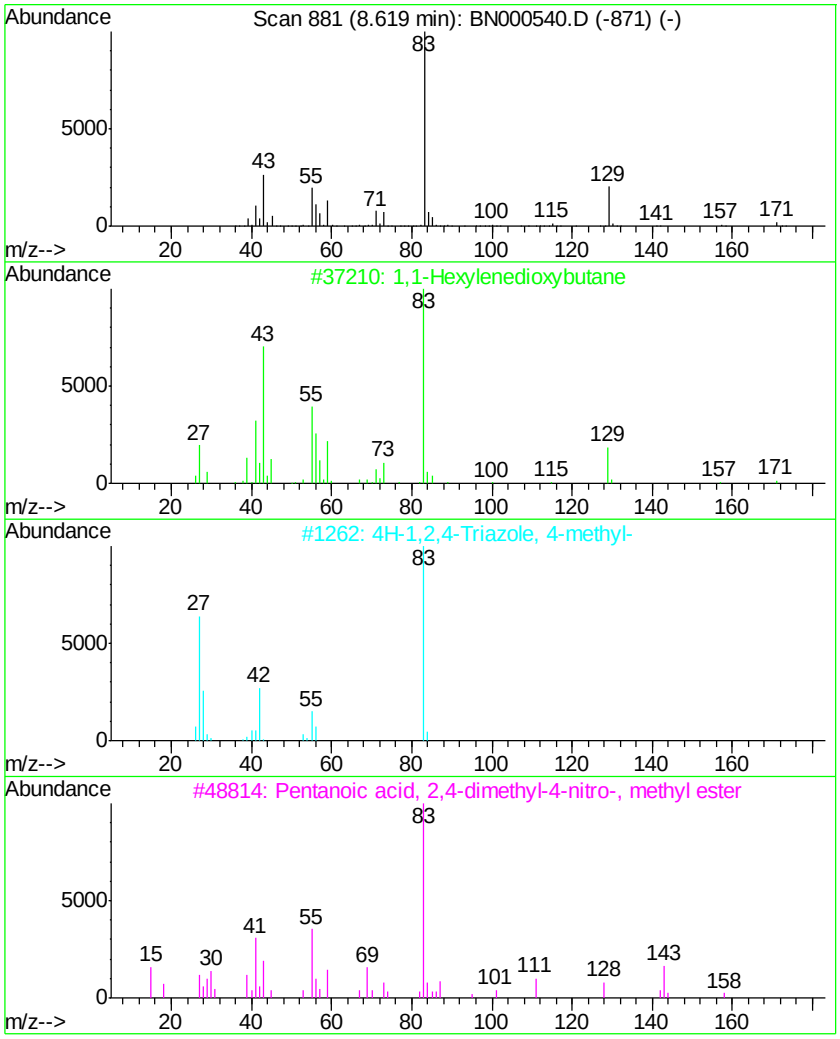
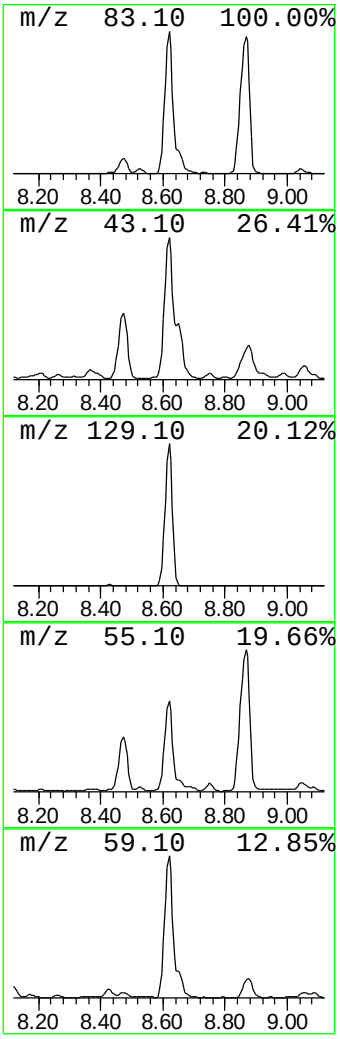
Peak Number 13 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	288.18 ng/ul	13083900	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	43
2	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	40
3	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	38
4	3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	9
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	9





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Sample : J1905-14DL 10X
Misc :
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Instrument : BNA_N
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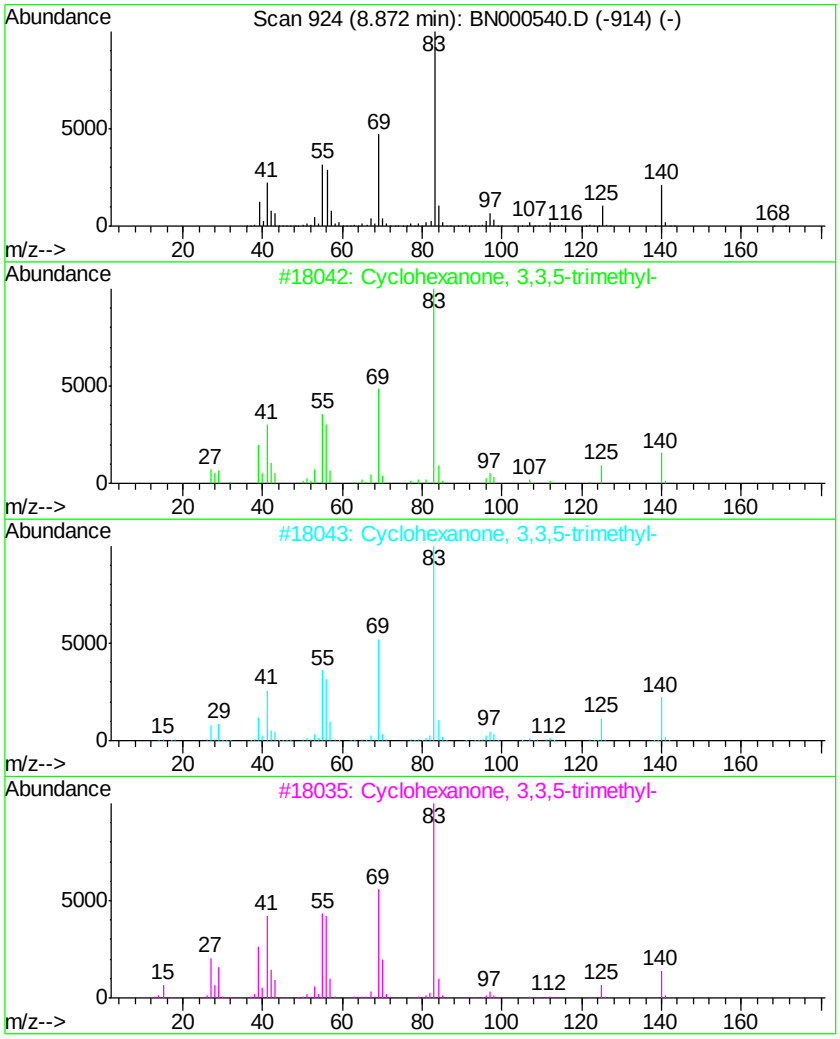
Quant Title : SVOA CALIBRATION

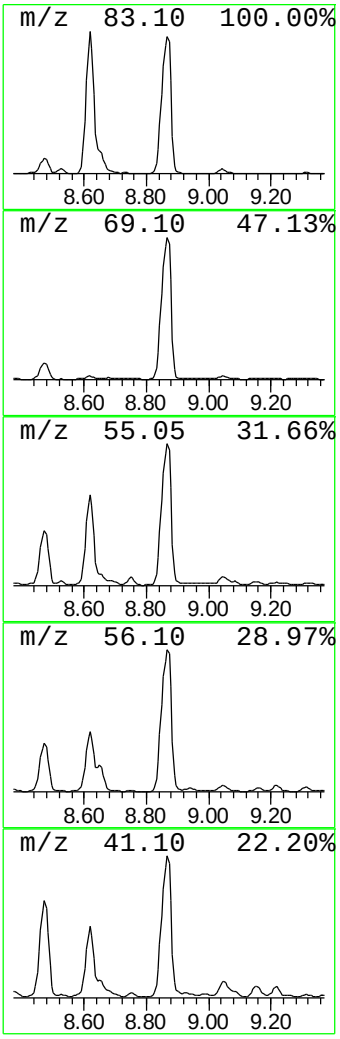
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	388.63 ng/ul	17644500	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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Quant Title : SVOA CALIBRATION

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

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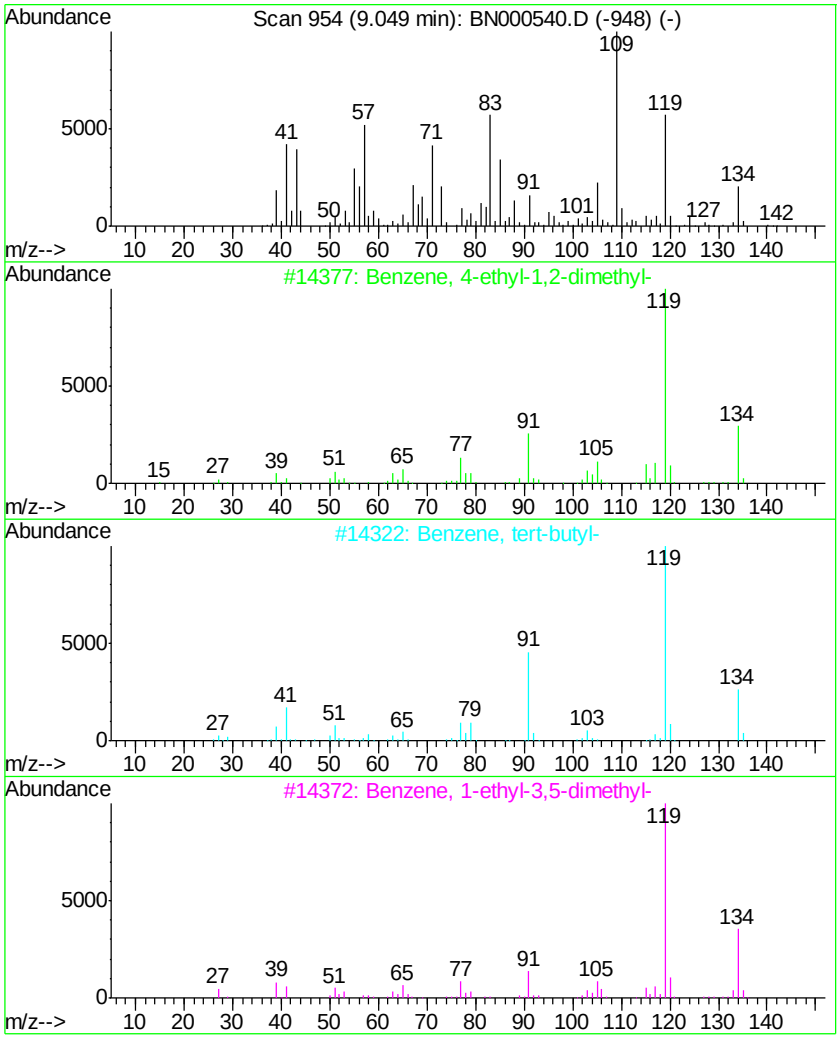
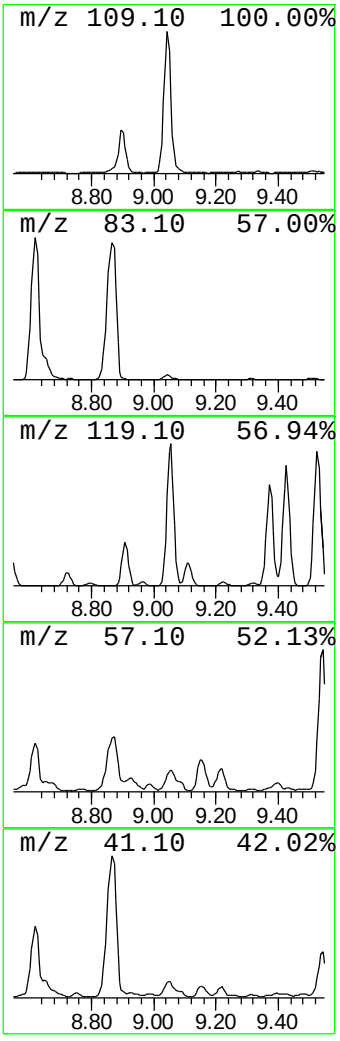
Peak Number 15 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	50.86 ng/ul	2309130	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	25
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	25
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25





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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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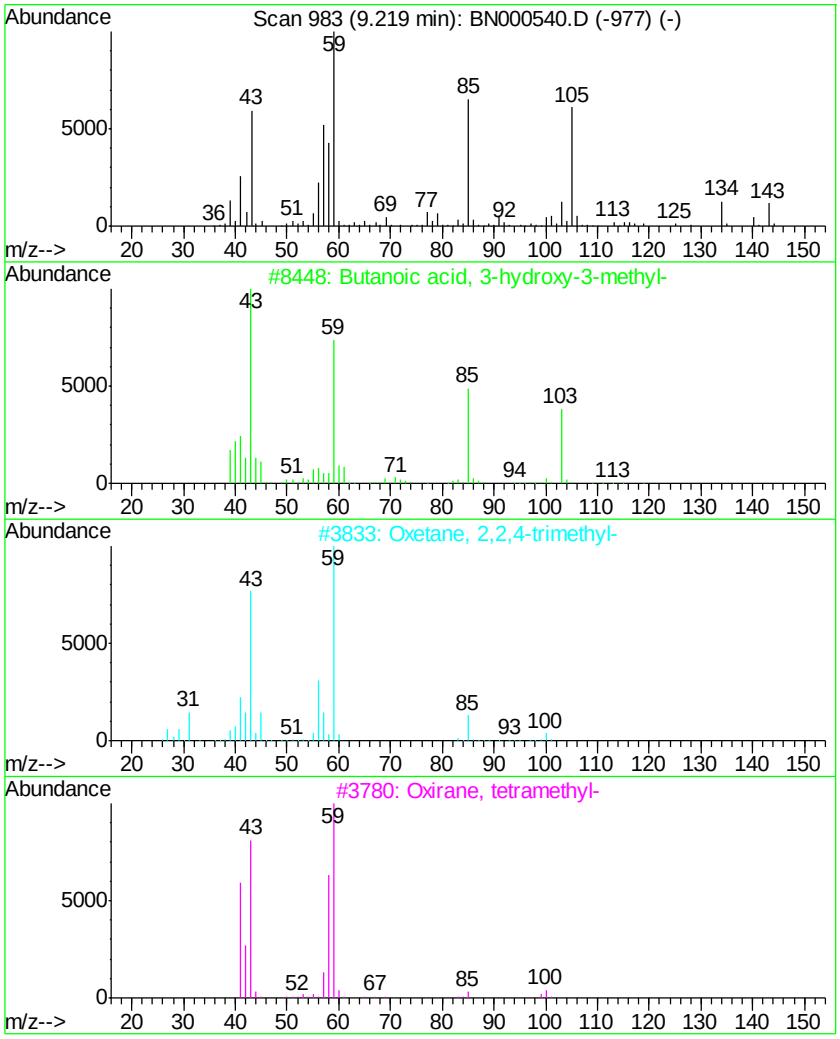
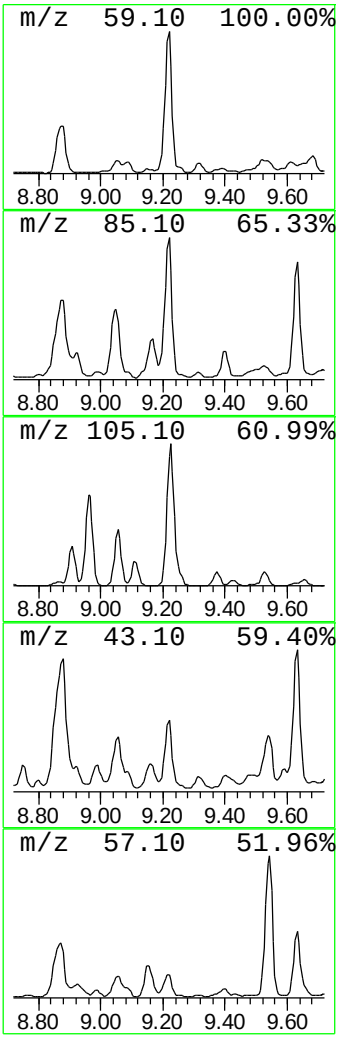
Peak Number 16 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	31.19 ng/ul	1416150	1,4-Dichlorobenzene-d4	8.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-hydroxy-3-methyl-	118	C5H10O3	000625-08-1	37
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	35
3	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	32
4	Ether, hexyl t-butyl	158	C10H22O	069775-79-7	25
5	5-Nonanone	142	C9H18O	000502-56-7	22





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Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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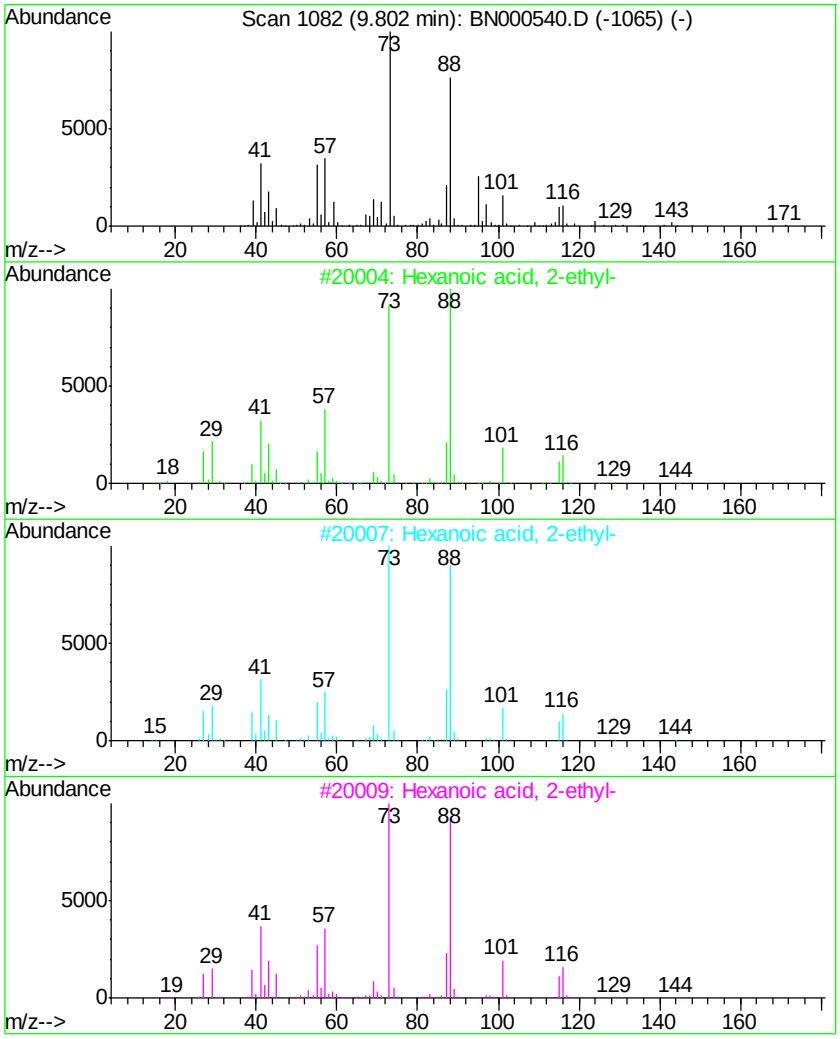
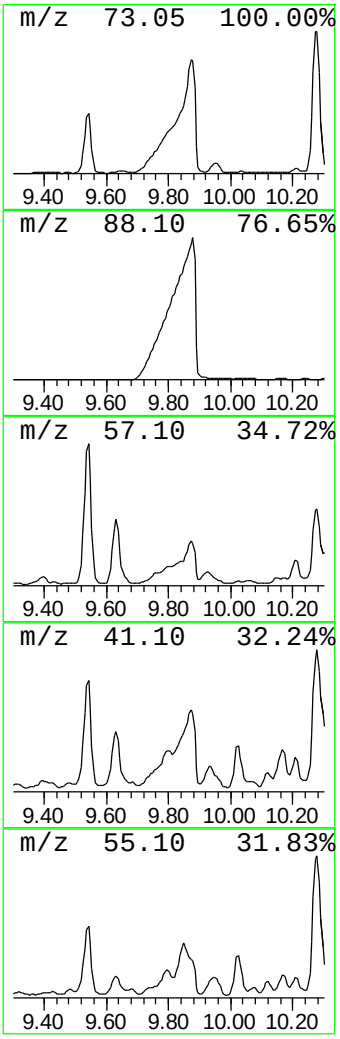
Peak Number 18 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	65.95 ng/ul	2994240	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	94
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	76
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	58
5	Heptanoic acid, 2-methyl-, methy...	158	C9H18O2	051209-78-0	43





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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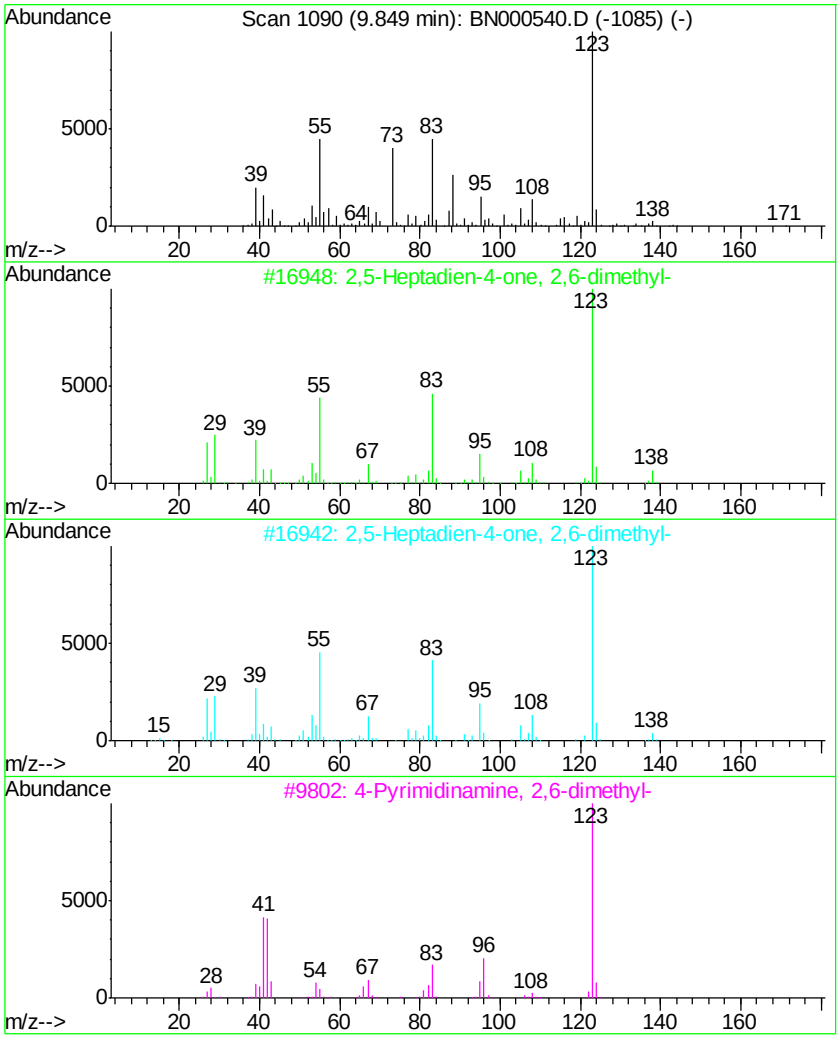
Quant Title : SVOA CALIBRATION

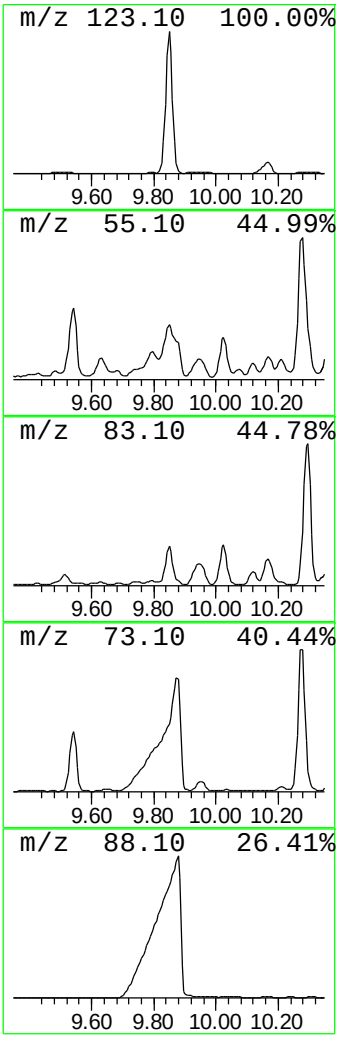
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,5-Heptadien-4-one, 2,6-di... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	14.84 ng/ul	1859730	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	58
2	2,5-Heptadien-4-one, 2,6-dimethyl-	138	C9H14O	000504-20-1	50
3	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	43
4	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	38
5	4-Pyrimidinamine, 2,6-dimethyl-	123	C6H9N3	000461-98-3	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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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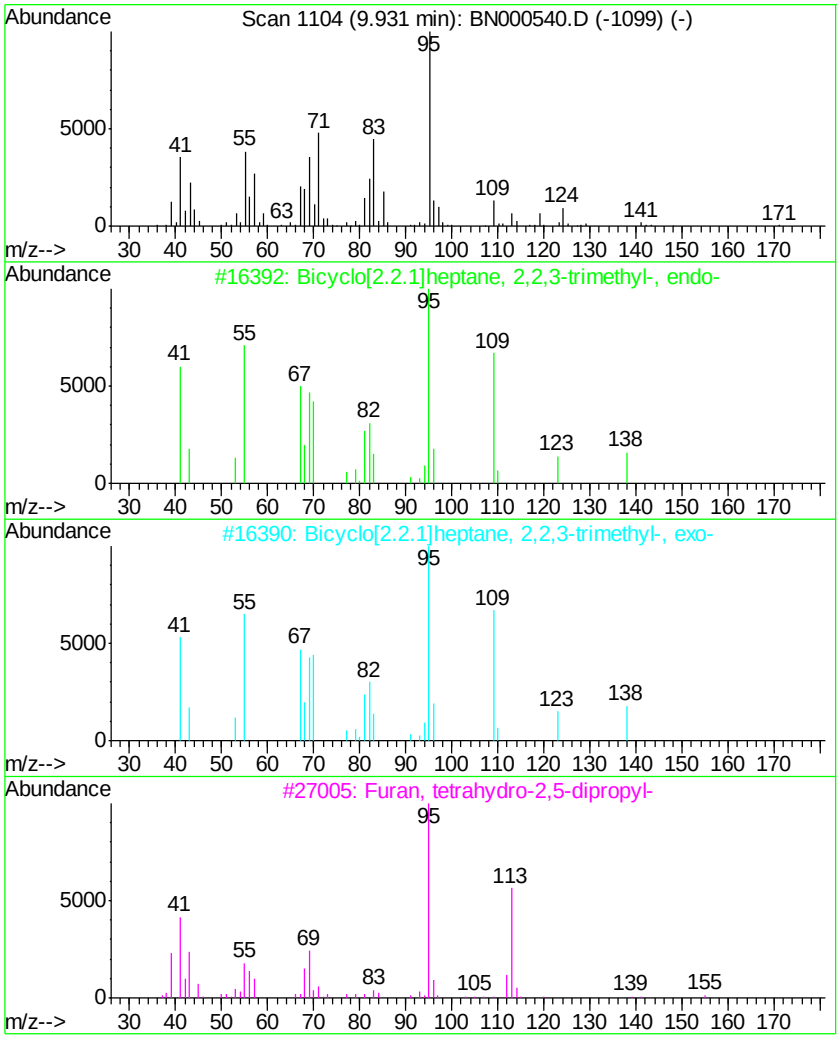
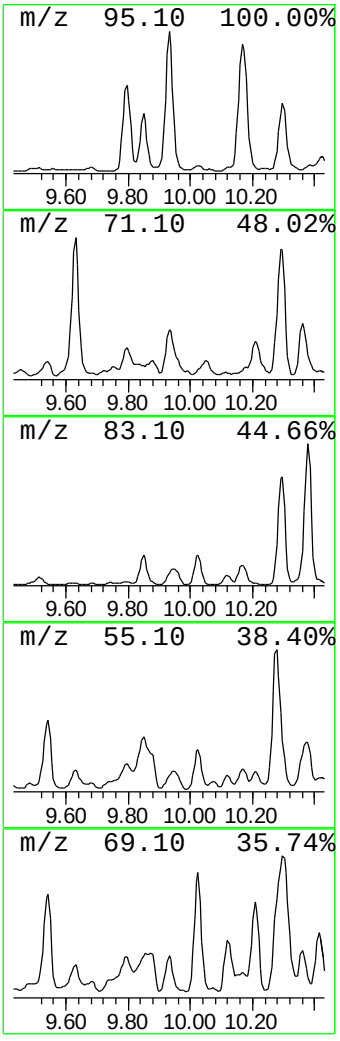
Peak Number 20 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	10.23 ng/ul	1281490	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	37
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	37
3	Furan, tetrahydro-2,5-dipropyl-	156	C10H20O	004457-62-9	35
4	6-Hepten-1-ol, 2-methyl-	128	C8H16O	1000132-12-0	32
5	5-Hepten-2-ol, 6-methyl-	128	C8H16O	001569-60-4	32





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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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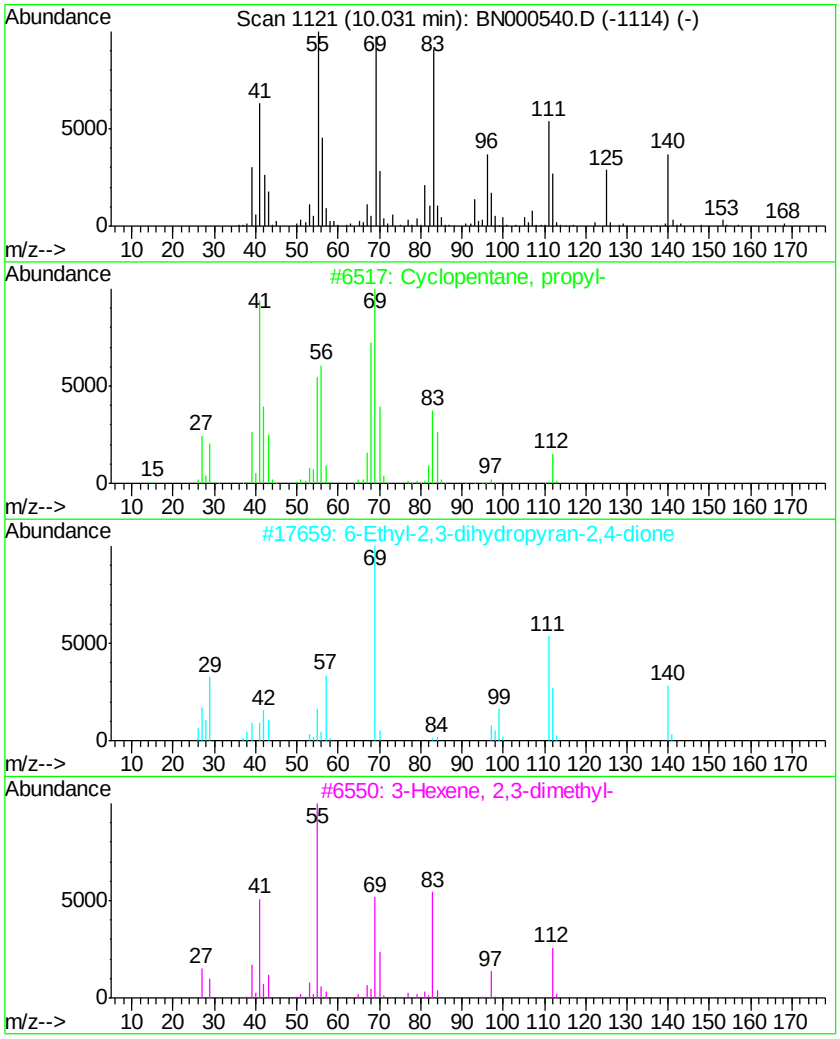
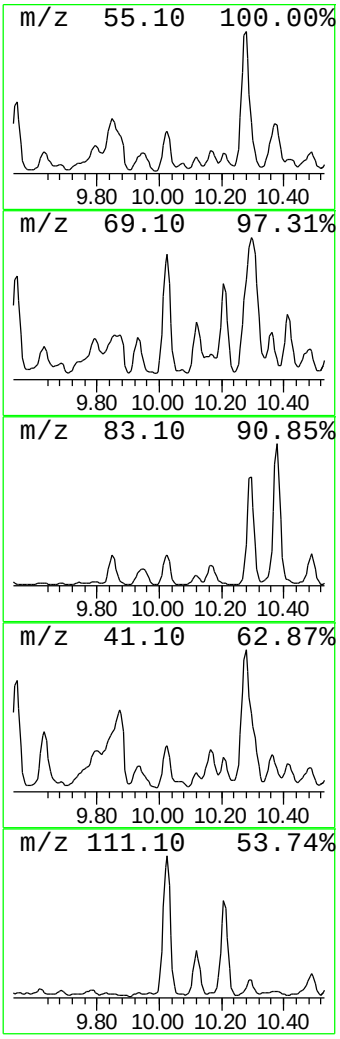
Peak Number 21 (DEL) Alkane: Cyclic10.03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	11.18 ng/ul	1400590	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
2	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	43
3	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	42
4	2-Methyl-2-heptene	112	C8H16	000627-97-4	38
5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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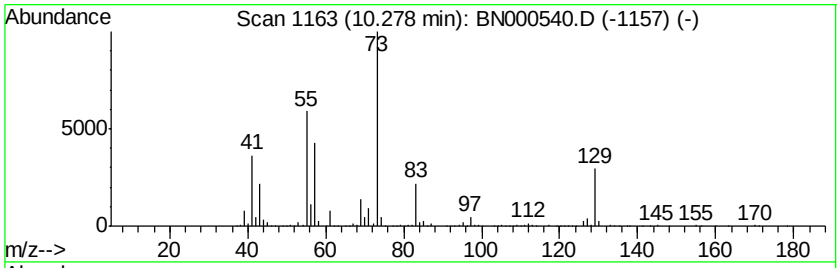
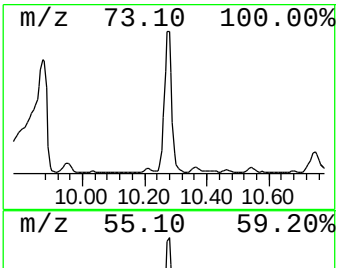
Peak Number 22 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	43.92 ng/ul	5503150	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	32
2	Pentane, 2-methoxy-2,4,4-trimethyl-	144	C9H20O	062108-41-2	25
3	3-Hexanol, 2,2-dimethyl-	130	C8H18O	004209-90-9	25
4	1-Hexyn-3-ol	98	C6H10O	000105-31-7	23
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	16





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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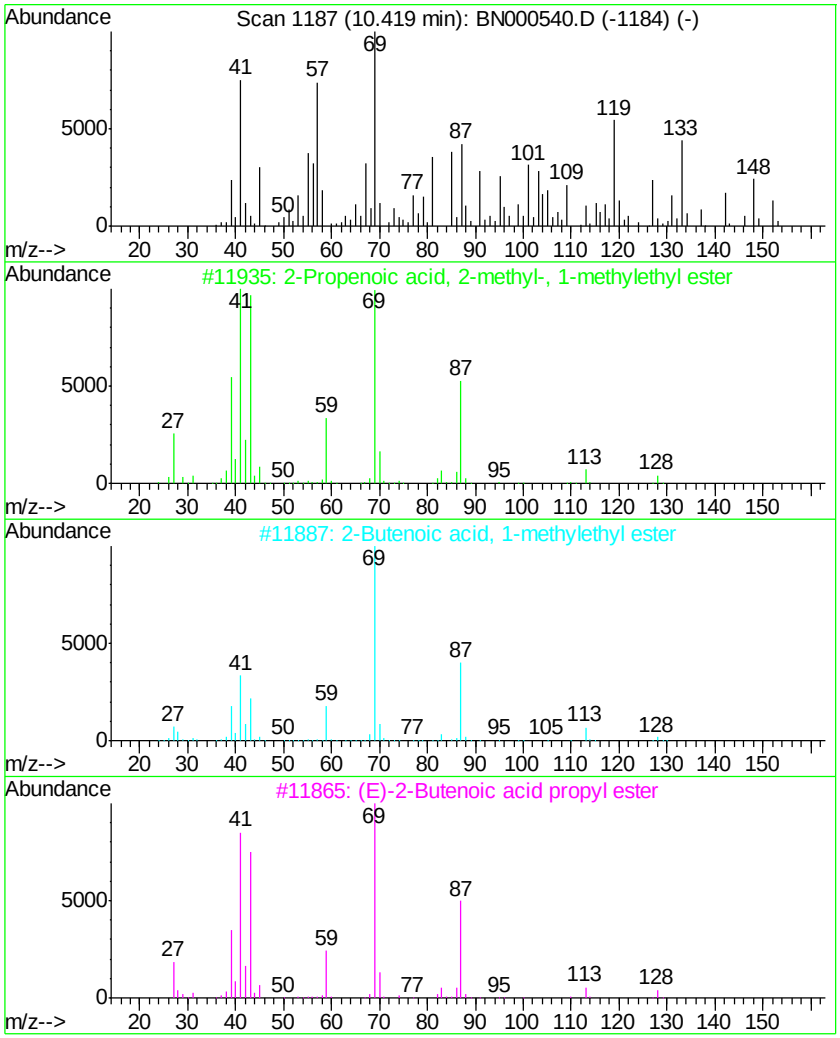
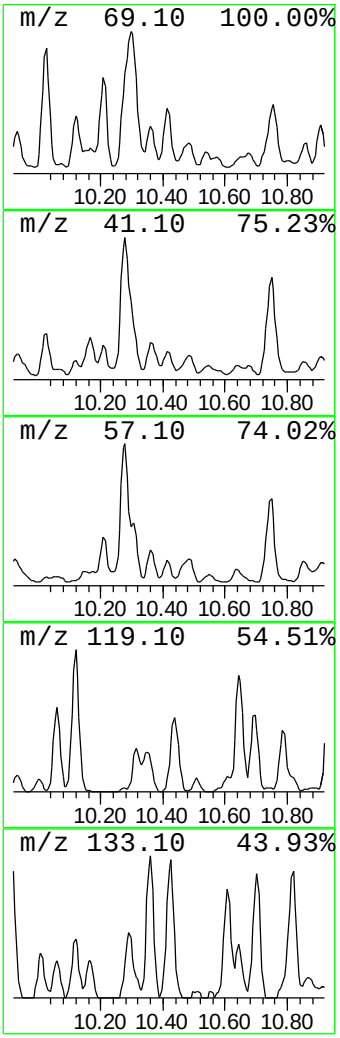
Peak Number 23 unknown-06 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	4.23 ng/ul	530300	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	25
2	2-Butenoic acid, 1-methylethyl e...	128	C7H12O2	018060-77-0	25
3	(E)-2-Butenoic acid propyl ester	128	C7H12O2	010352-87-1	22
4	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	22
5	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	22





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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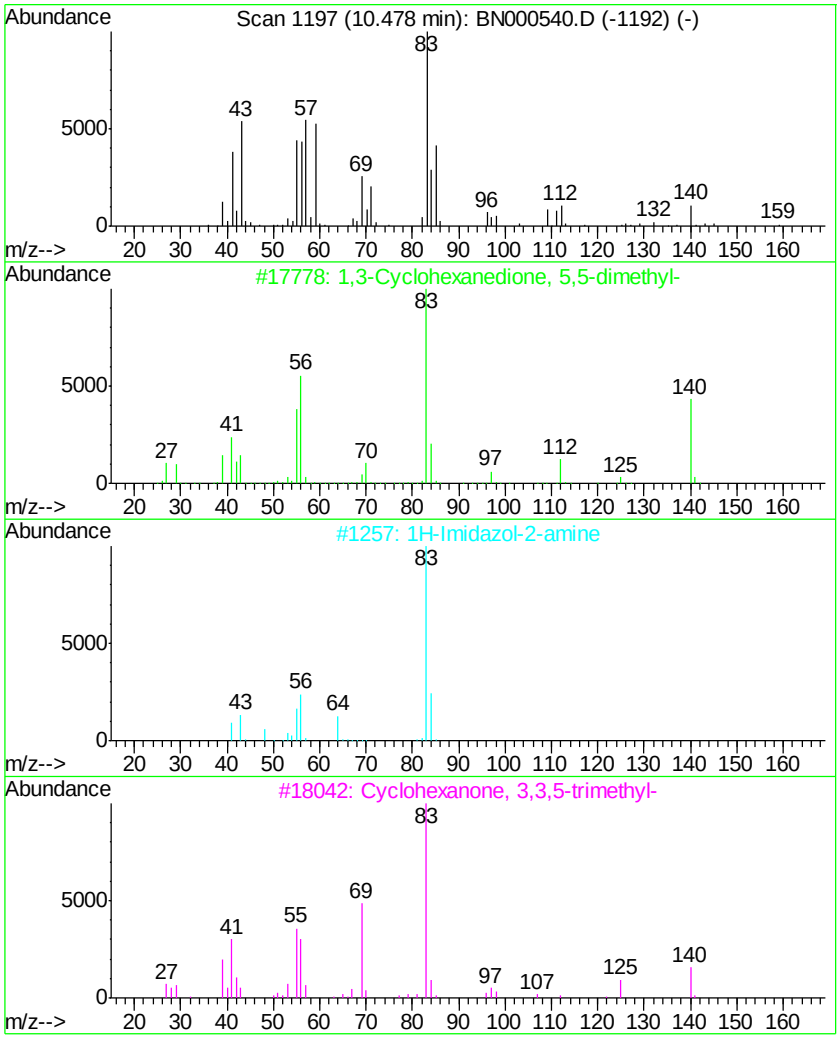
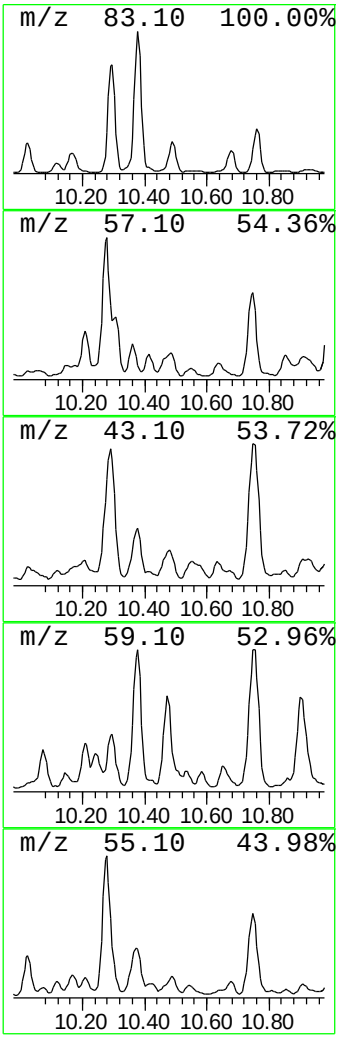
Peak Number 24 unknown-07 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	7.38 ng/ul	924221	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	47
2	1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	47
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	40
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	38
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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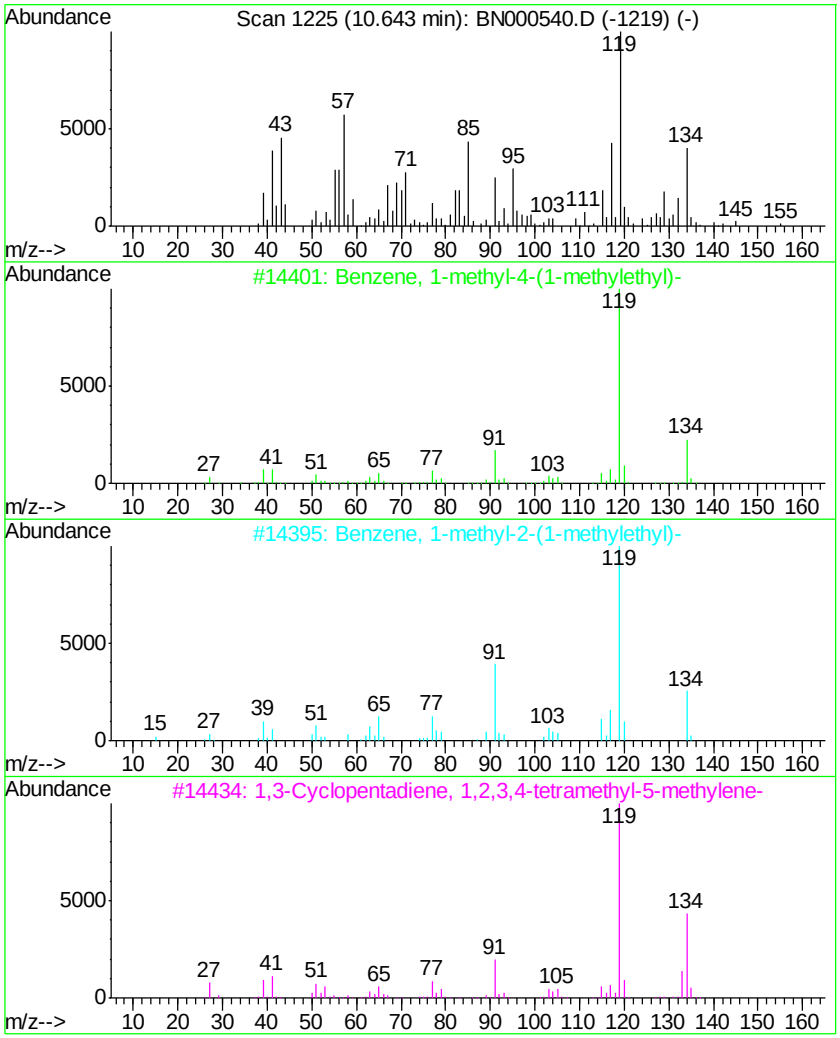
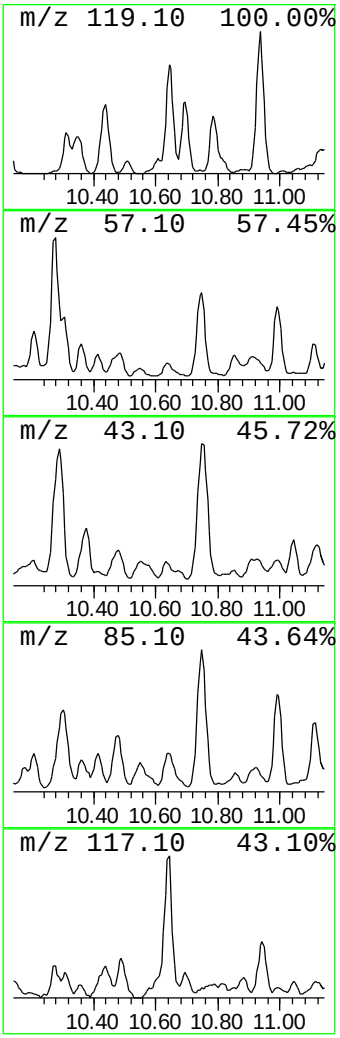
Peak Number 25 unknown-08 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	4.87 ng/ul	610397	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	46
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46





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Quant Title : SVOA CALIBRATION

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

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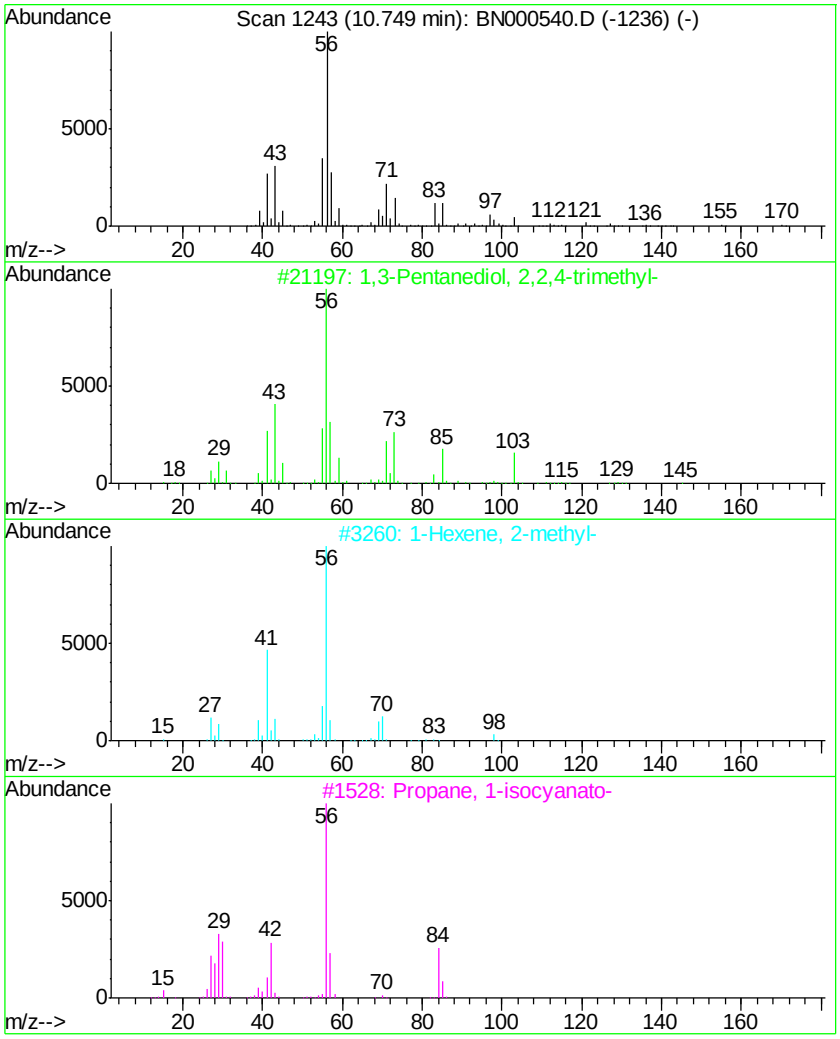
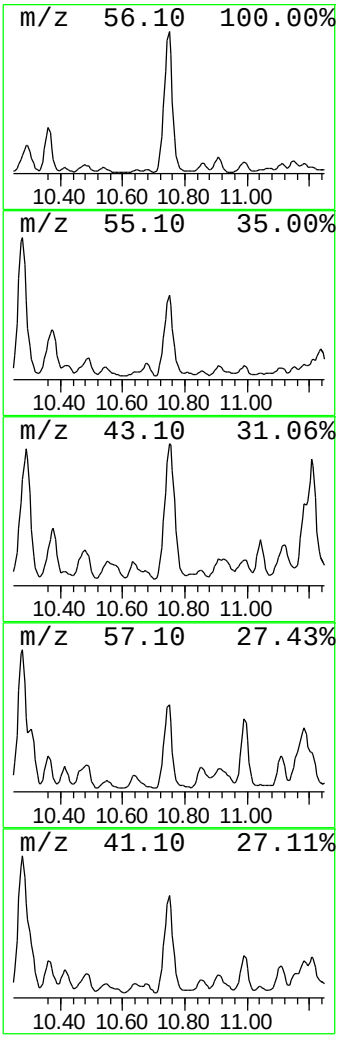
Peak Number 26 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	32.03 ng/ul	4013420	Naphthalene-d8	11.25

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-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	37
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	33
5	Chloromethyl 2-chloroundecanoate	268	C12H22Cl2O2	080418-88-8	33





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Quant Title : SVOA CALIBRATION

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

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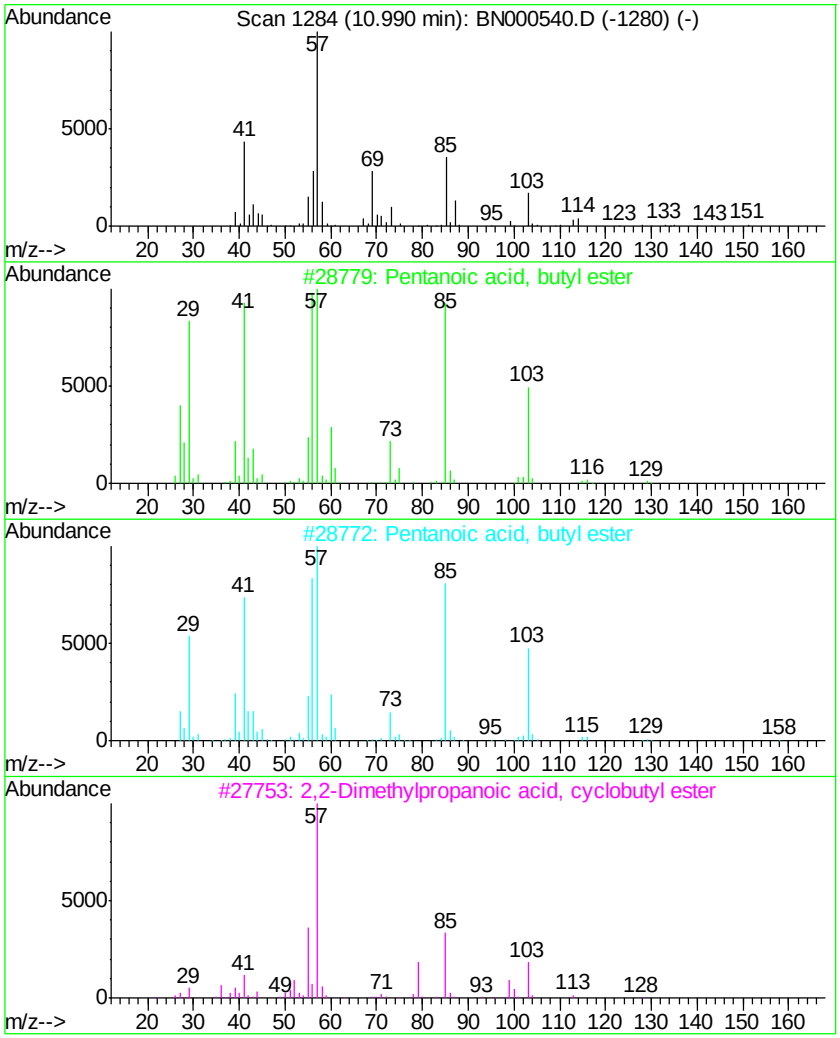
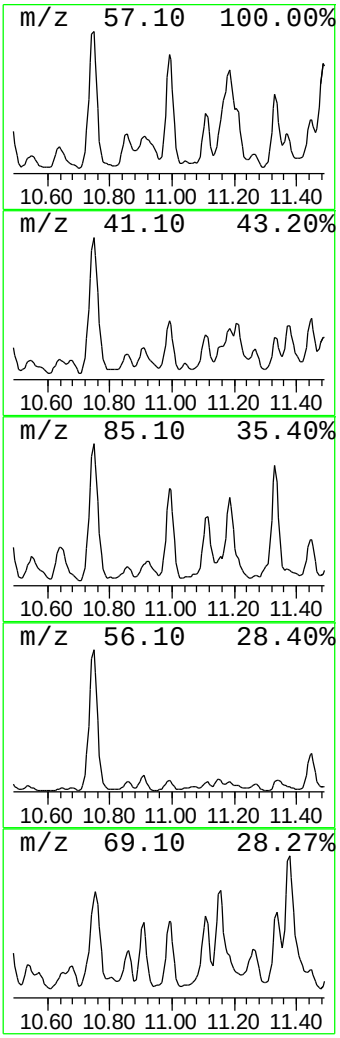
Peak Number 27 unknown-09 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	5.63 ng/ul	705001	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	38
2	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	38
3	2,2-Dimethylpropanoic acid, cycl...	156	C9H16O2	1000282-84-8	38
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	37
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	37





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Quant Title : SVOA CALIBRATION

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

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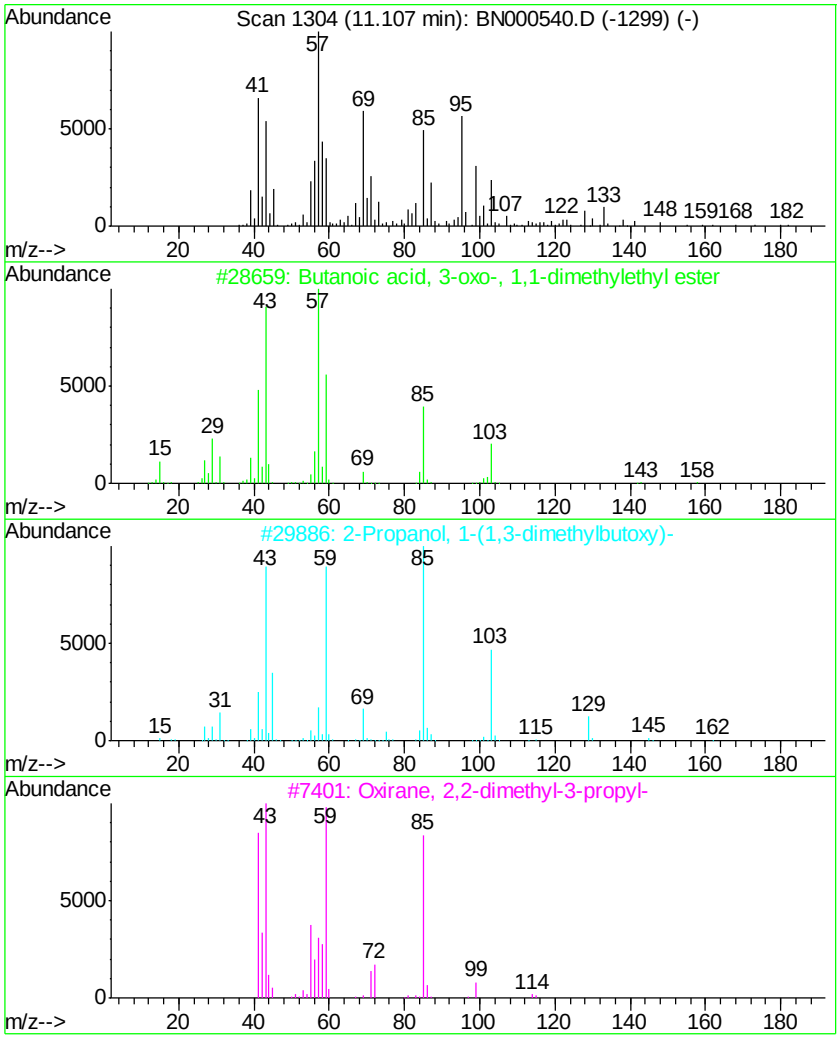
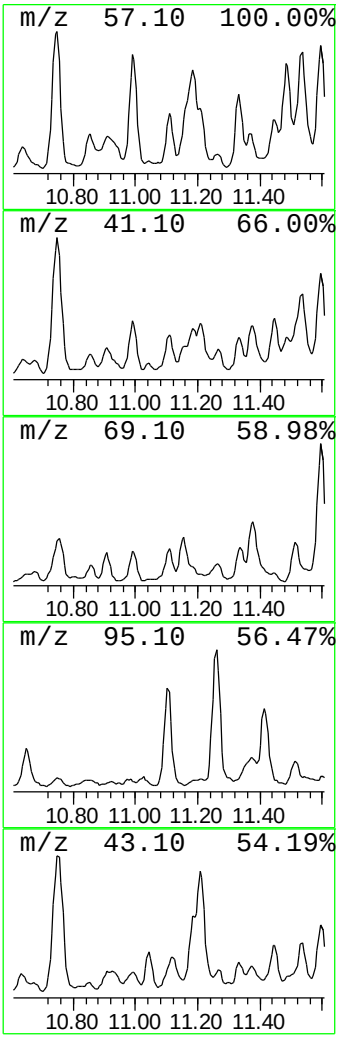
Peak Number 28 unknown-10 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	8.54 ng/ul	1069850	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	27
2	2-Propanol, 1-(1,3-dimethylbutoxy)-	160	C9H20O2	054340-89-5	27
3	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	25
4	2-Pentanone, 1-ethoxy-4-methyl-	144	C8H16O2	014869-38-6	22
5	5-Nonanone	142	C9H18O	000502-56-7	14





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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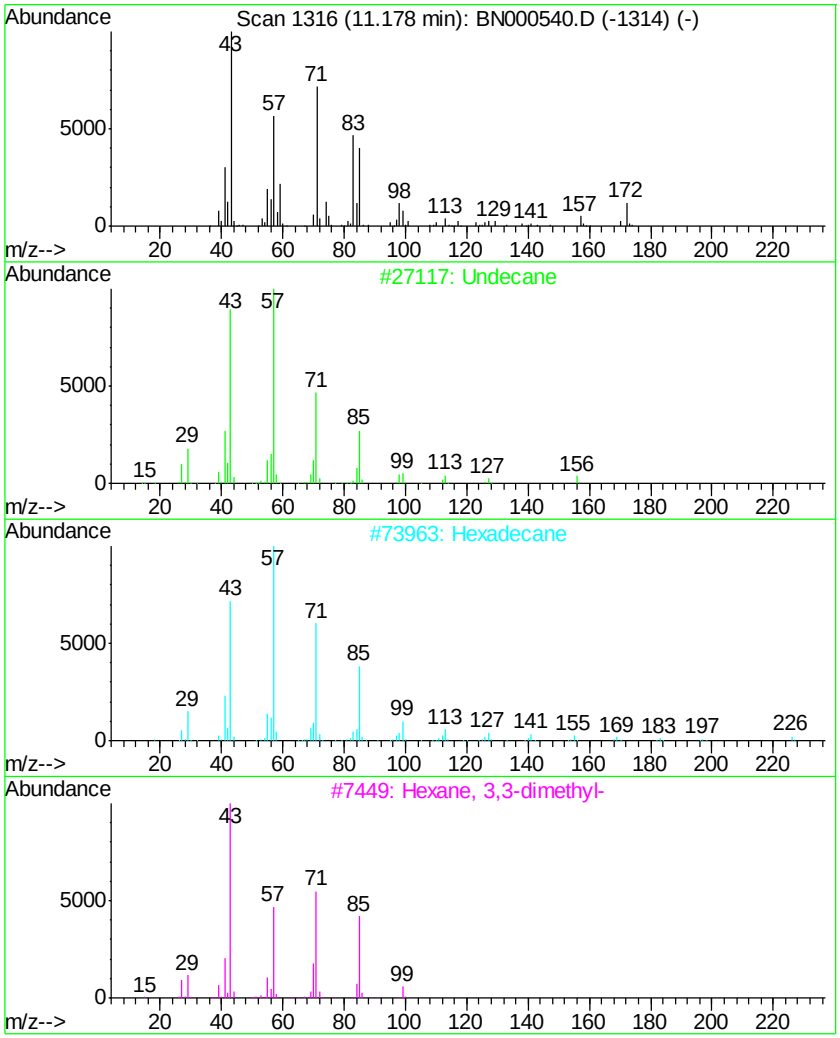
Quant Title : SVOA CALIBRATION

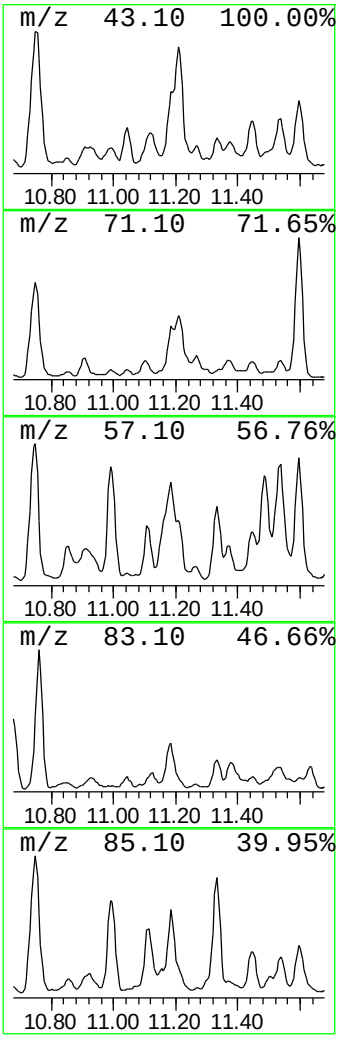
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	6.40 ng/ul	802035	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	47
2	Hexadecane	226	C16H34	000544-76-3	47
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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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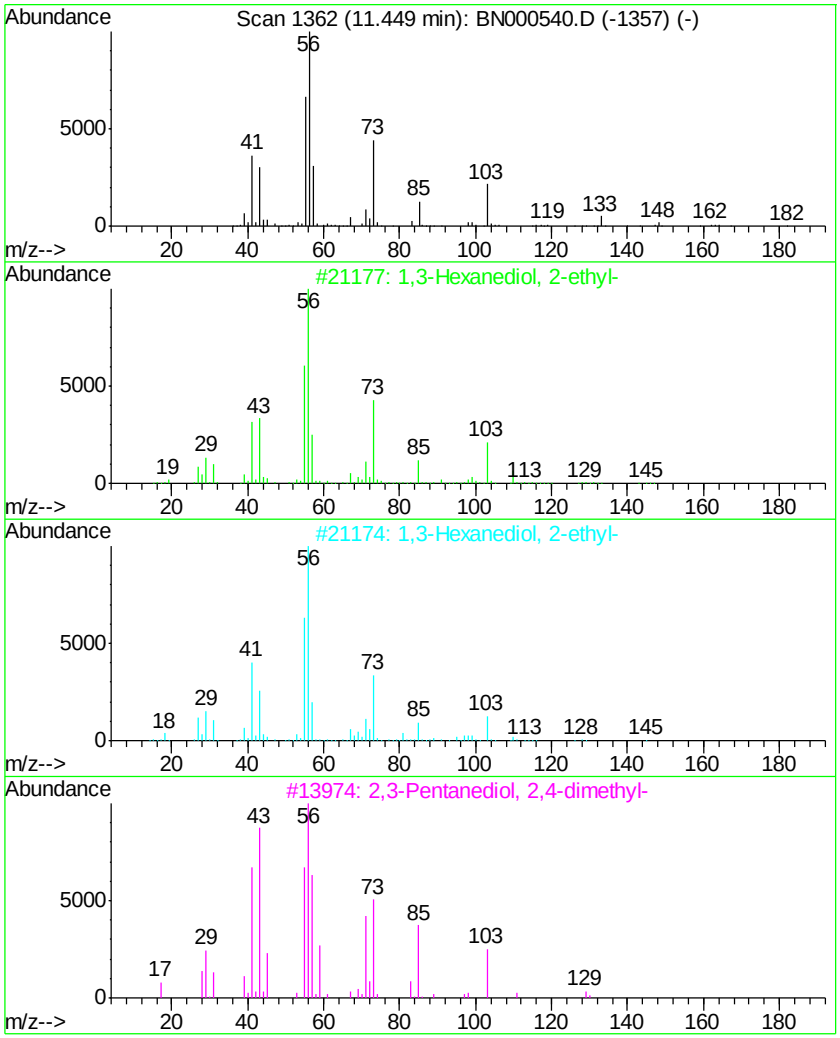
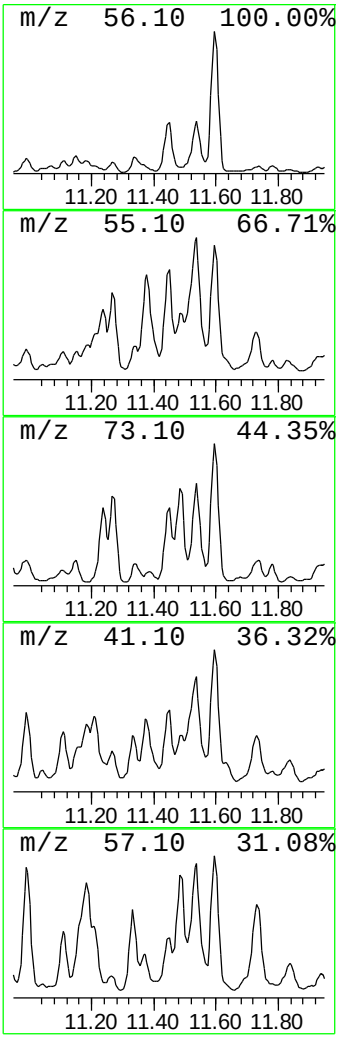
Peak Number 30 1,3-Hexanediol, 2-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	8.64 ng/ul	1082730	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	72
2	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	40
3	2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	38
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
5	Cyclopentanamine	85	C5H11N	001003-03-8	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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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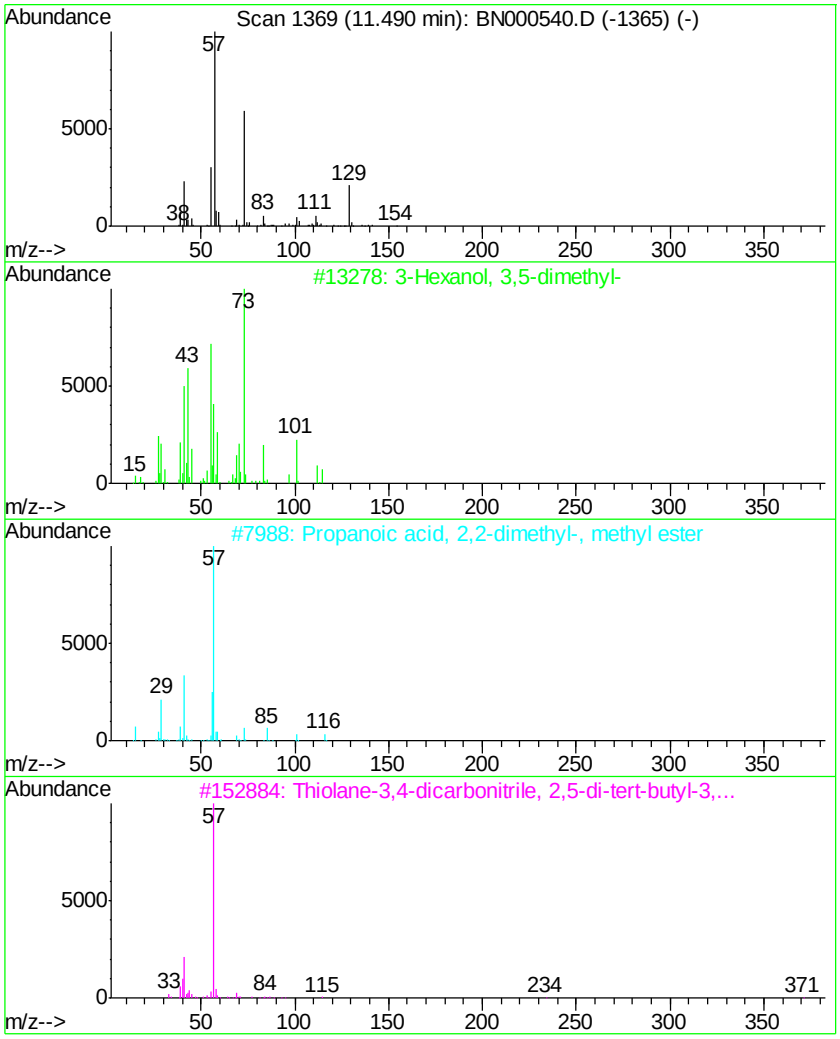
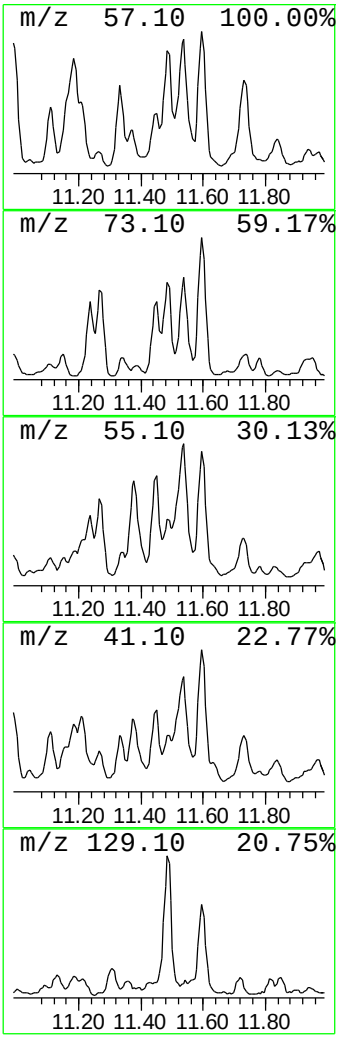
Peak Number 31 unknown-11 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	4.14 ng/ul	519209	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	23
2	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	17
3	Thiolane-3,4-dicarbonitrile, 2,5...	386	C16H20F6N2S	1000260-74-6	14
4	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	10
5	Isobutyl ether	130	C8H18O	000628-55-7	10





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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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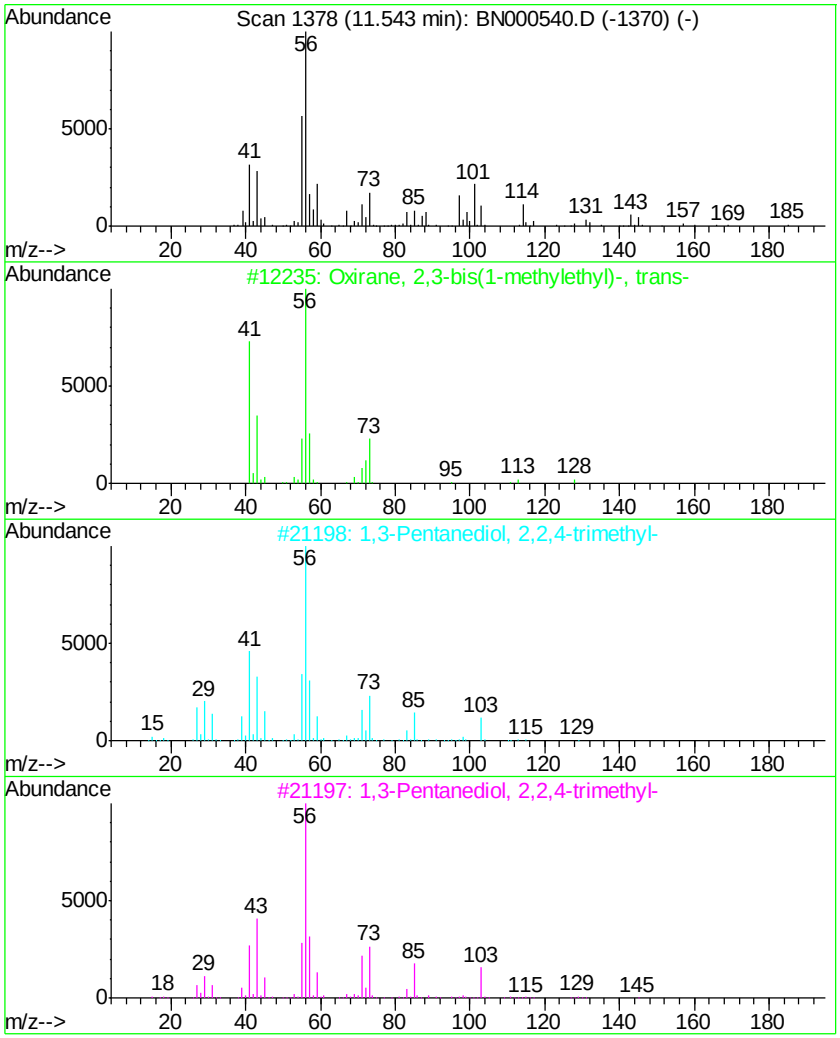
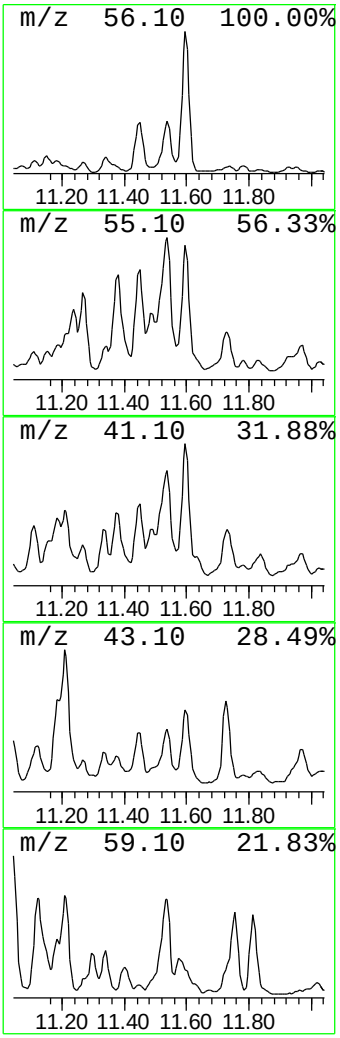
Peak Number 32 unknown-12 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	19.77 ng/ul	2477500	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	37
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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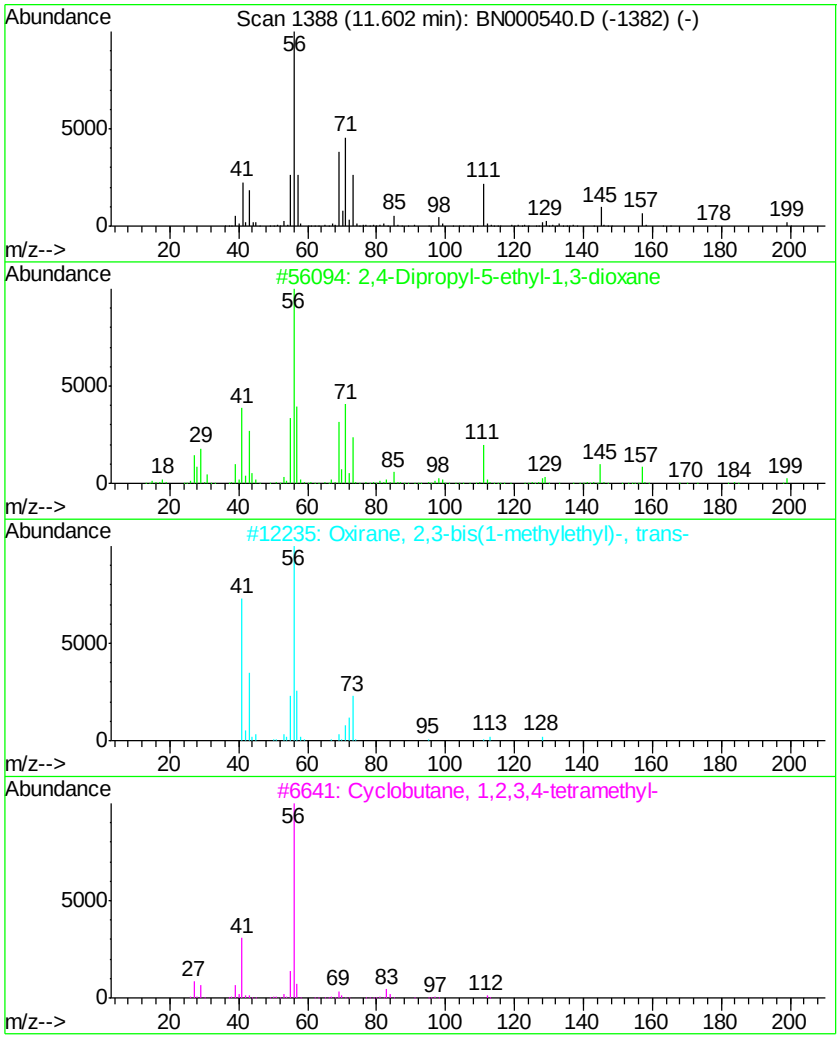
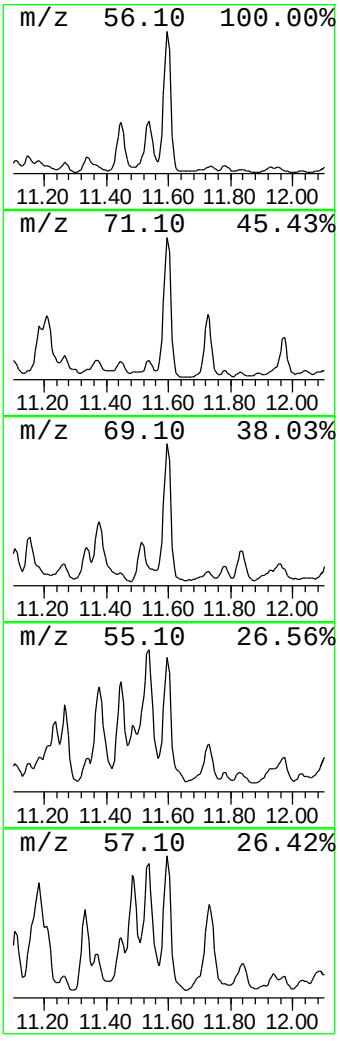
Peak Number 33 unknown-13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	22.99 ng/ul	2881020	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
3	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	16
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	9
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	9





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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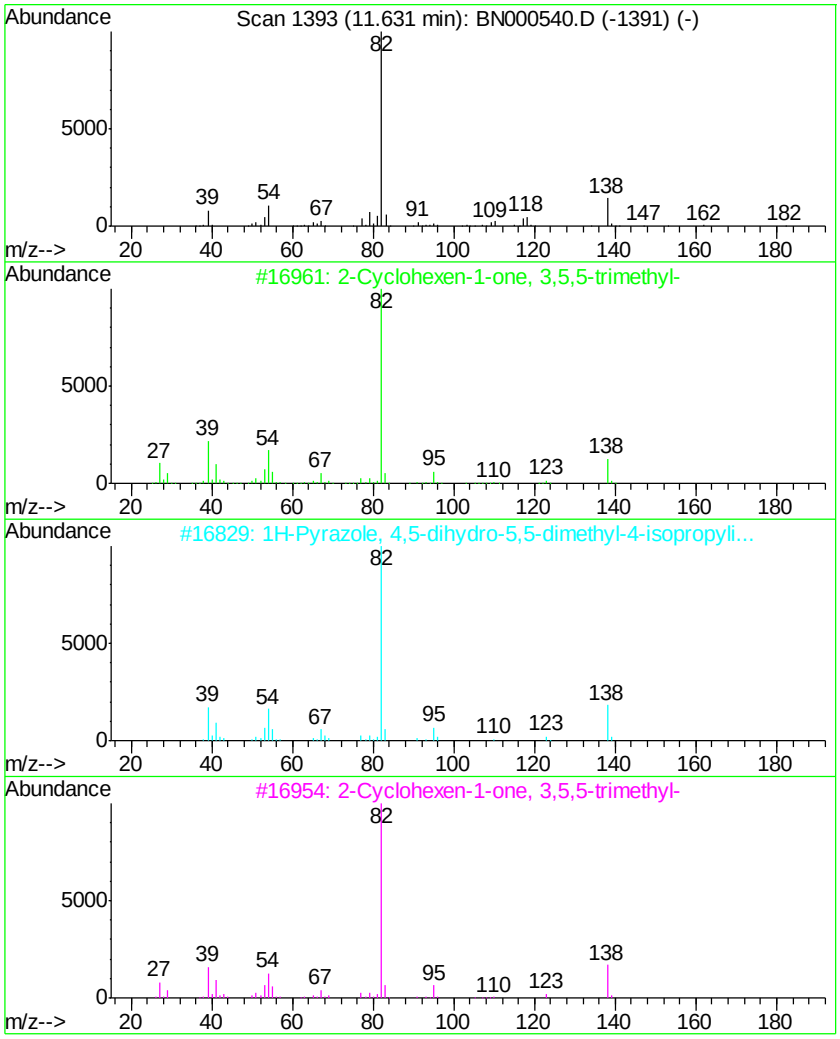
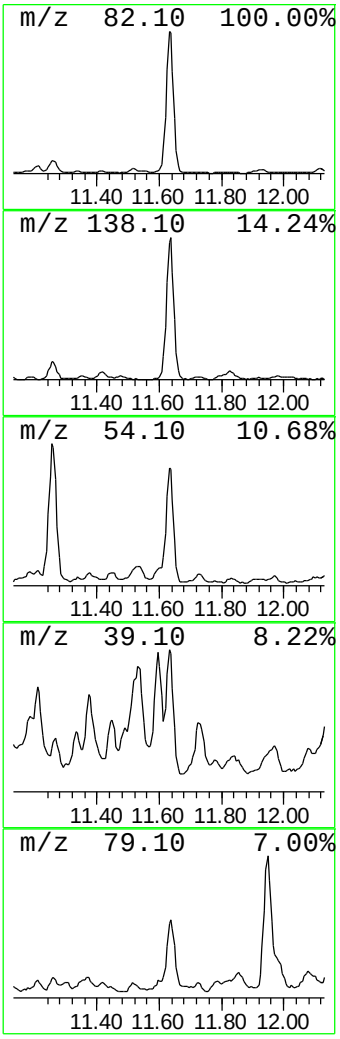
Peak Number 34 2-Cyclohexen-1-one, 3,5,5-t... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.57 ng/ul	823064	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	72
2	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	72
3	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	64
4	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
5	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

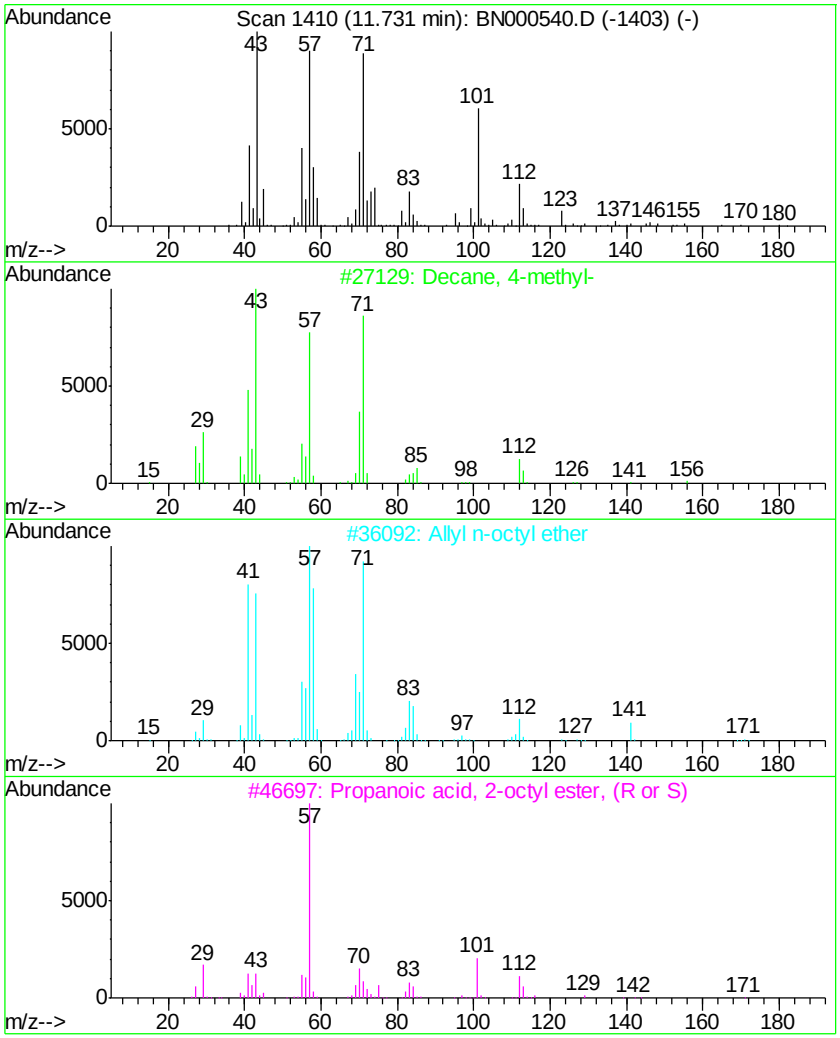
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

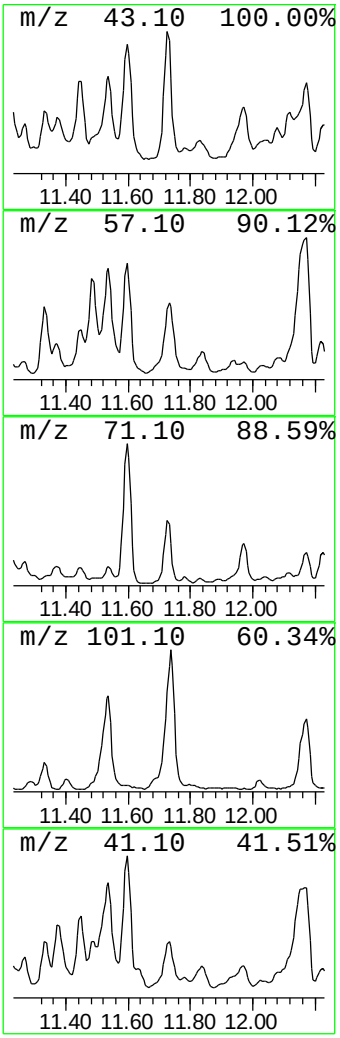
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	10.11 ng/ul	1266290	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	47
2	Allyl n-octyl ether	170	C11H22O	003295-97-4	43
3	Propanoic acid, 2-octyl ester, (...	186	C11H22O2	1000164-41-5	43
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38
5	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	38





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

Instrument : BNA_N
ClientSampleId : DAM49DL

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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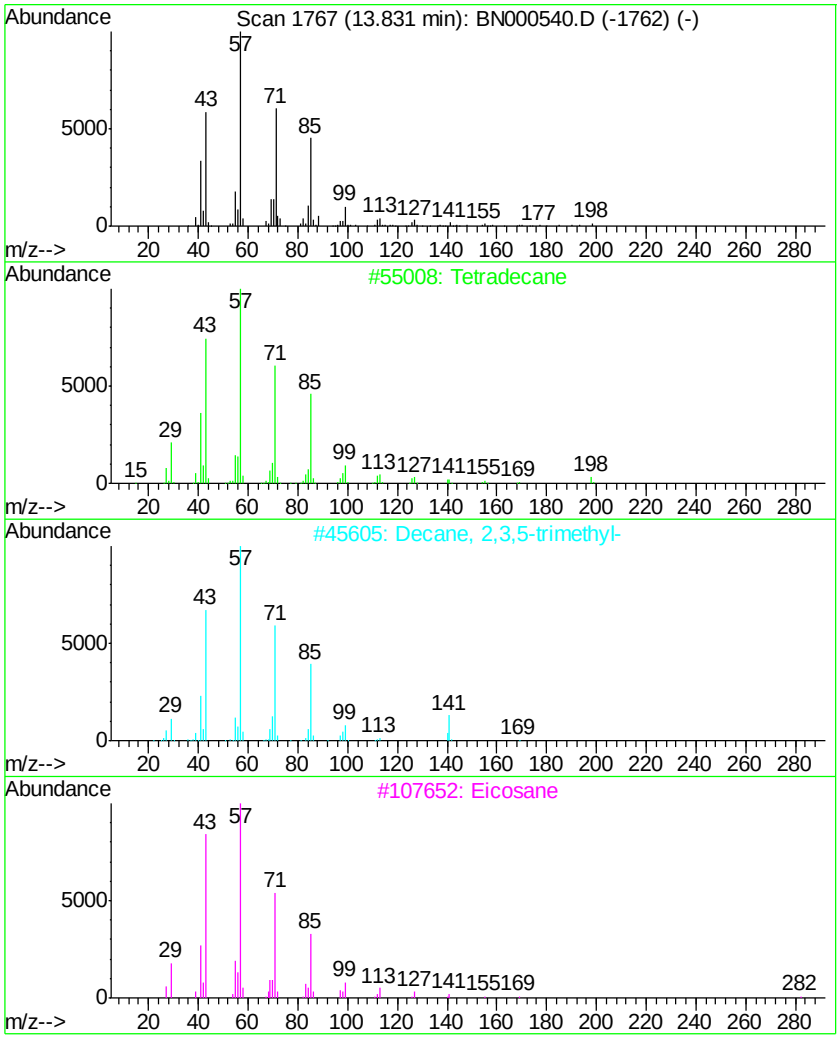
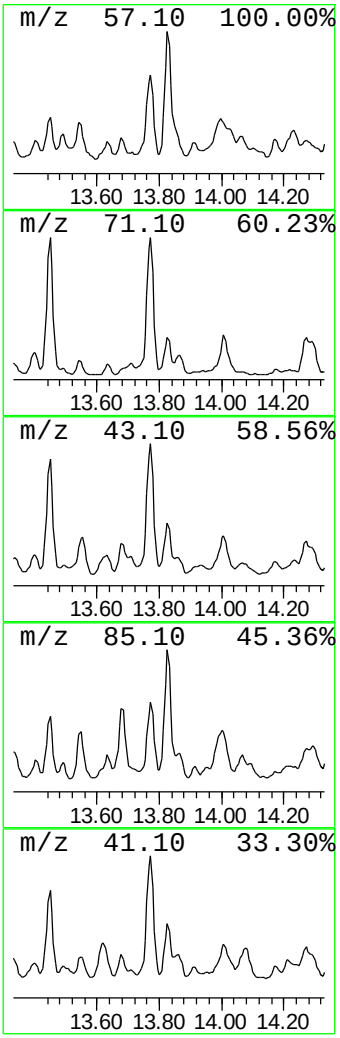
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.50 ng/ul	668604	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Eicosane	282	C20H42	000112-95-8	64
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	58
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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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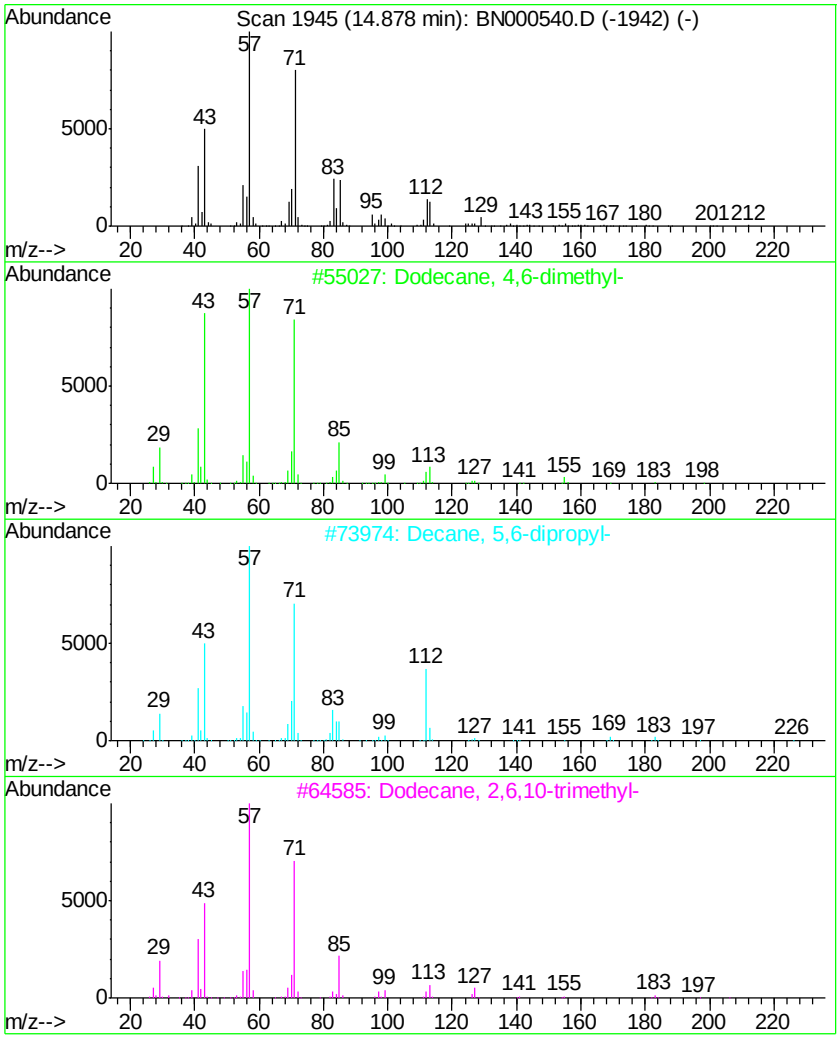
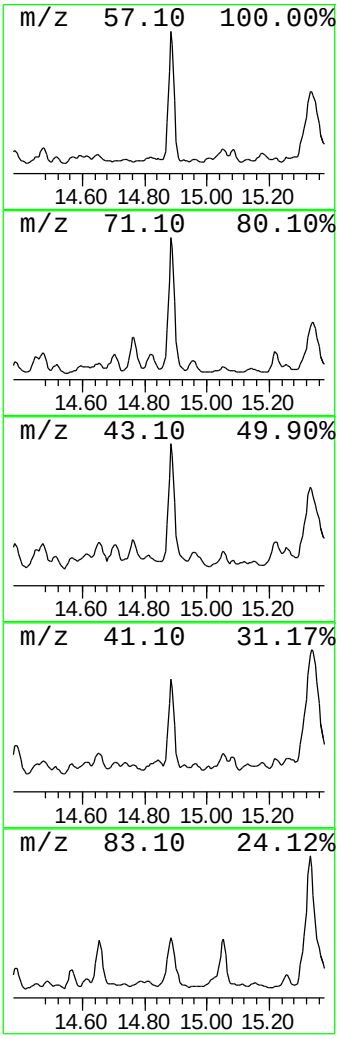
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	14.06 ng/ul	1708020	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	50





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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Quant Title : SVOA CALIBRATION

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

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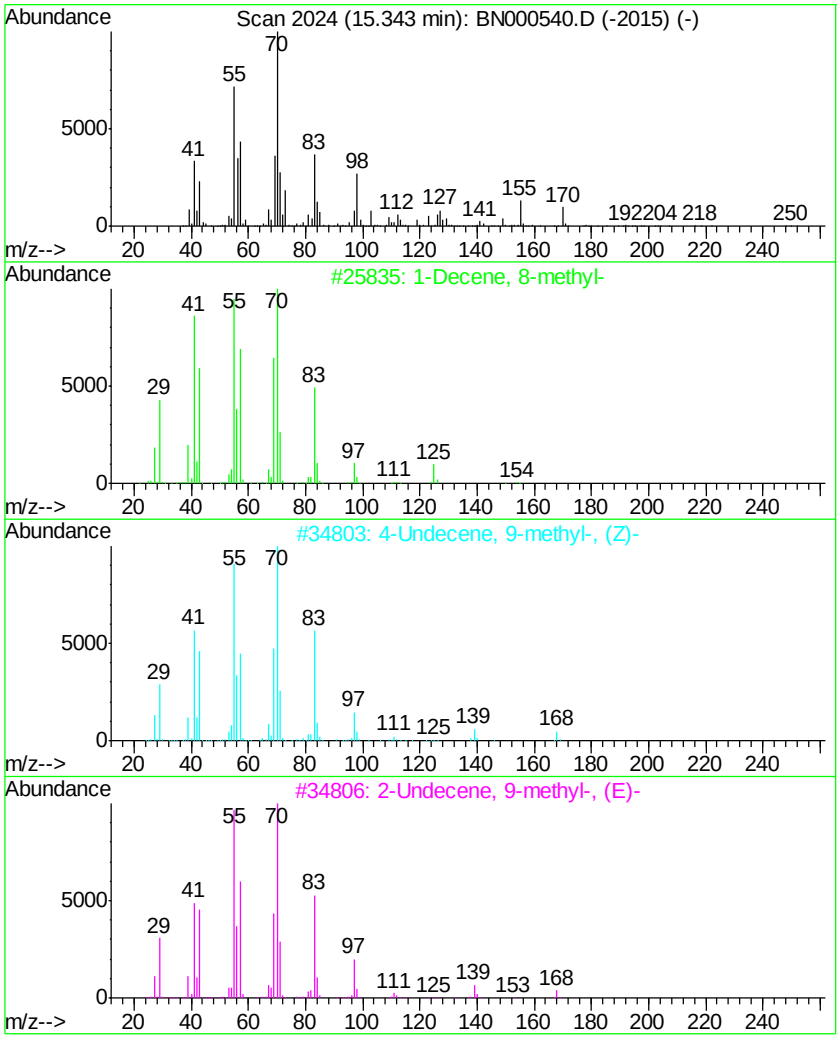
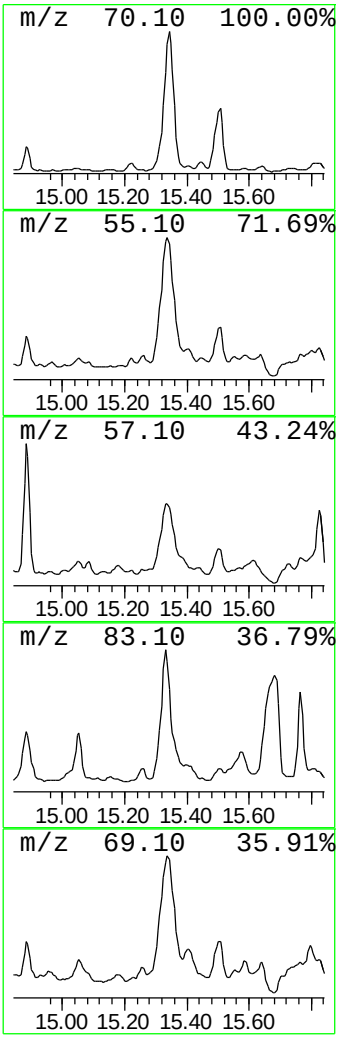
Peak Number 58 (DEL) Alkane: Cyclic15.34 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	45.92 ng/ul	5576900	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 8-methyl-	154	C11H22	061142-79-8	58
2	4-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-56-1	47
3	2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	43
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	38
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	35





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Misc :
ALS Vial : 10 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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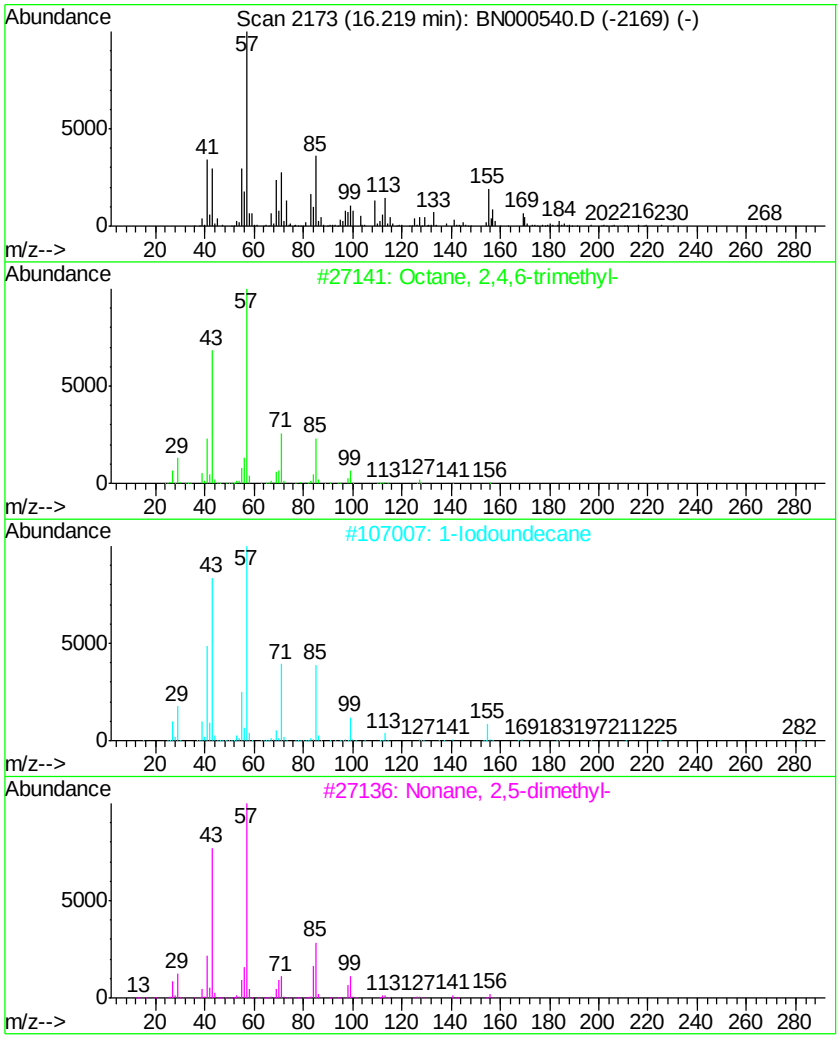
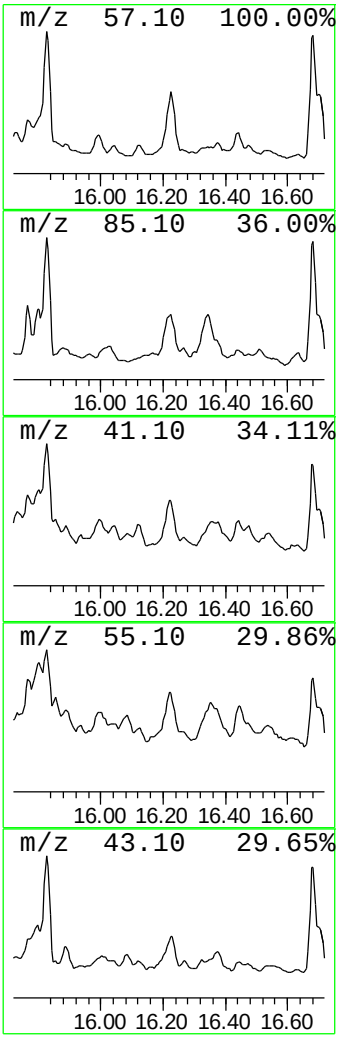
Peak Number 64 (DEL) Alkane: Cyclic16.22 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	5.09 ng/ul	618406	Acenaphthene-d10	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
2	1-Iodoundecane	282	C11H23I	004282-44-4	47
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	46
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
5	Tridecane	184	C13H28	000629-50-5	45





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Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

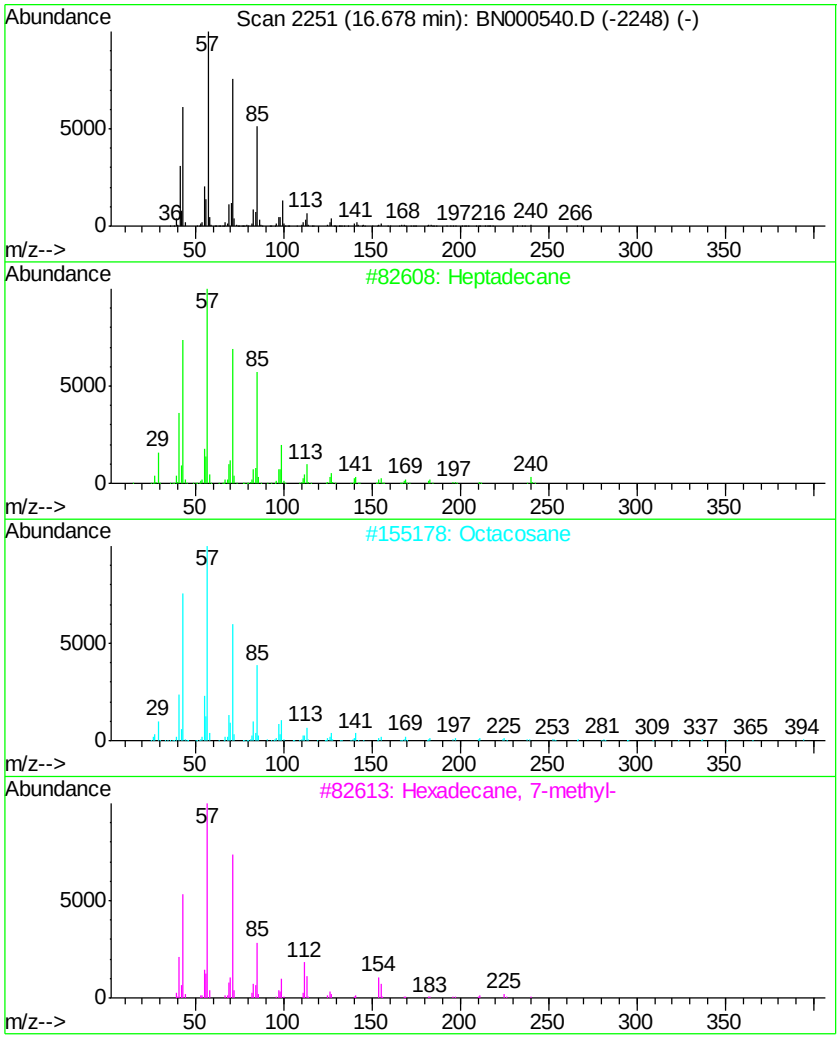
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

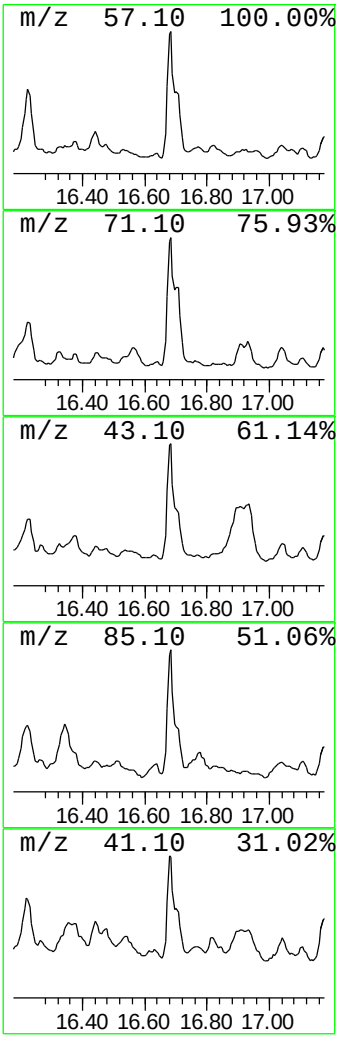
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	7.08 ng/ul	835184	Phenanthrene-d10	17.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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

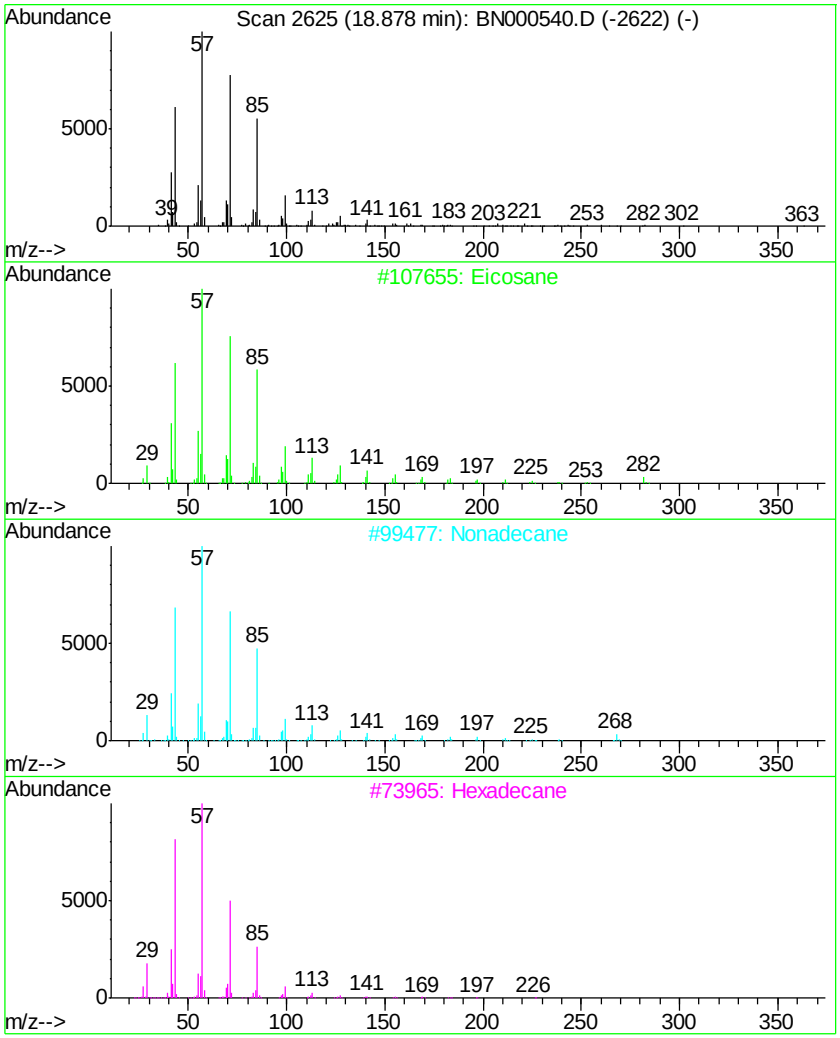
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

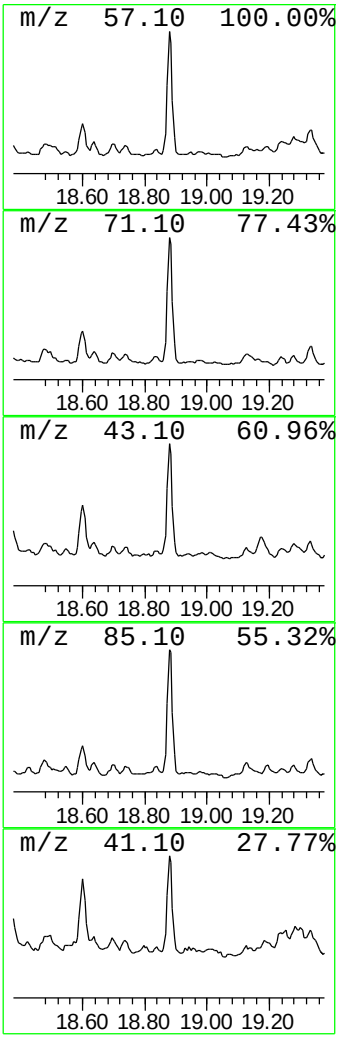
****

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	4.29 ng/ul	505981	Phenanthrene-d10	17.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane, 5-methyl-	268	C19H40	025117-35-5	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

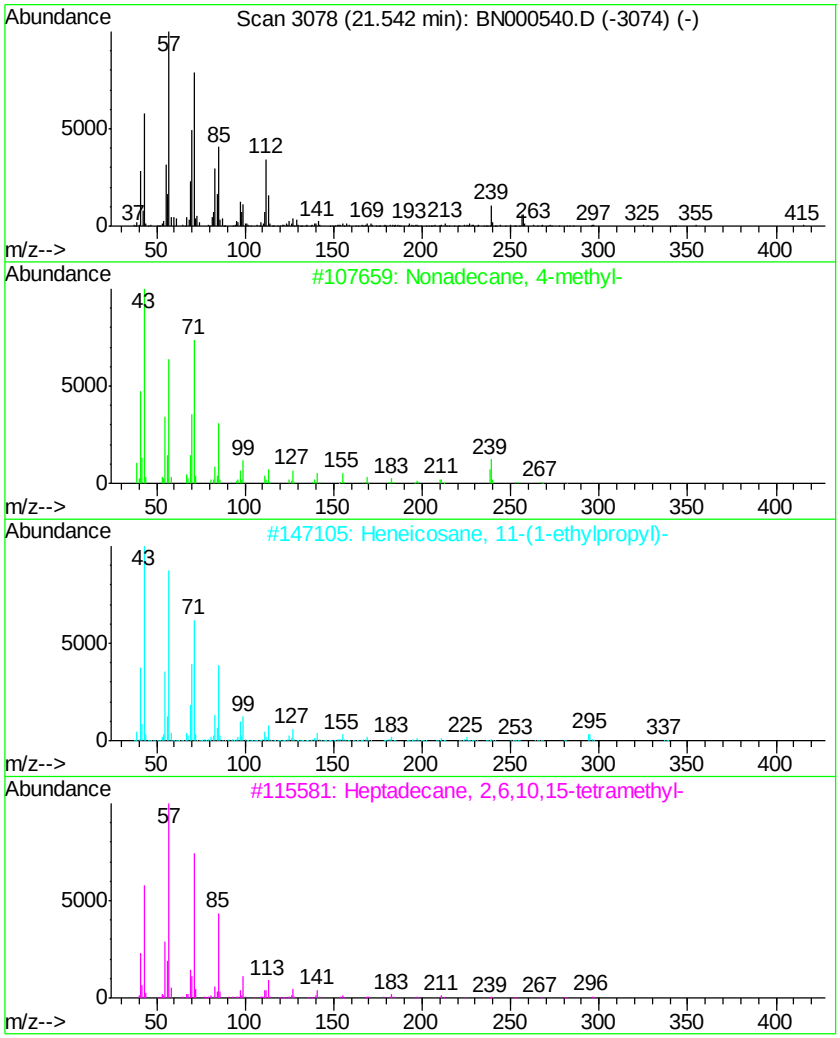
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

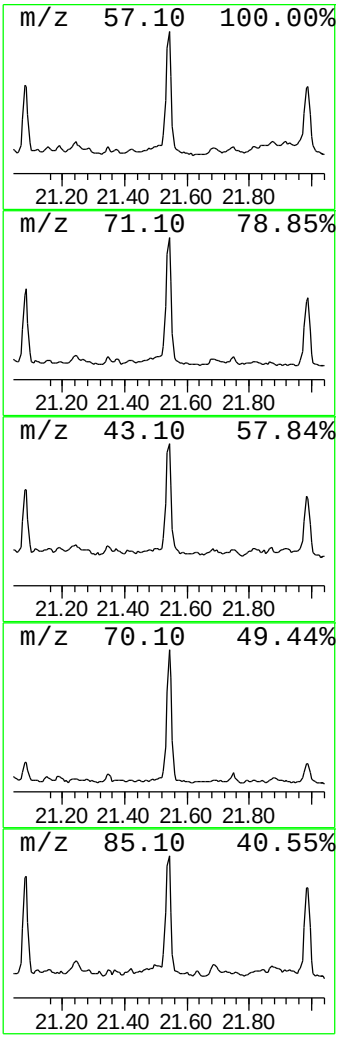
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	4.18 ng/ul	560589	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	68
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Tridecane	184	C13H28	000629-50-5	60
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000540.D
Acq On : 22 Mar 2018 15:03
Operator : JU/SJ
Sample : J1905-14DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM49DL

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
3-Pentanone, 2,4-...	4.70	19.7	ng/ul	894207	1	8.42	908038	20.0
1-Butanol, 2-ethyl-	5.41	18.9	ng/ul	857531	1	8.42	908038	20.0
1,3-Dioxan-4-one,...	5.90	11.7	ng/ul	530691	1	8.42	908038	20.0
Hexane, 1-propoxy-	6.86	12.7	ng/ul	576582	1	8.42	908038	20.0
3-Pentanone, 2,2,...	7.53	21.0	ng/ul	951724	1	8.42	908038	20.0
1,1-Hexylenedioxy...	7.64	22.5	ng/ul	1020180	1	8.42	908038	20.0
2-Heptanone, 4,6-...	7.81	67.2	ng/ul	3049030	1	8.42	908038	20.0
(DEL) Alkane: Str...	8.00	20.1	ng/ul	911092	1	8.42	908038	20.0
Butanoic acid, me...	8.37	13.2	ng/ul	598872	1	8.42	908038	20.0
1-Hexanol, 2-ethyl-	8.47	137.1	ng/ul	6223730	1	8.42	908038	20.0
Benzene, 1,2,3-tr...	8.53	13.7	ng/ul	623566	1	8.42	908038	20.0
unknown-01	8.62	288.2	ng/ul	13083900	1	8.42	908038	20.0
Cyclohexanone, 3,...	8.87	388.6	ng/ul	17644500	1	8.42	908038	20.0
unknown-02	9.05	50.9	ng/ul	2309130	1	8.42	908038	20.0
unknown-03	9.22	31.2	ng/ul	1416150	1	8.42	908038	20.0
Hexanoic acid, 2-...	9.80	66.0	ng/ul	2994240	1	8.42	908038	20.0
2,5-Heptadien-4-o...	9.85	14.8	ng/ul	1859730	2	11.25	2505940	20.0
unknown-04	9.93	10.2	ng/ul	1281490	2	11.25	2505940	20.0
(DEL) Alkane: Cyc...	10.03	11.2	ng/ul	1400590	2	11.25	2505940	20.0
unknown-05	10.28	43.9	ng/ul	5503150	2	11.25	2505940	20.0
unknown-06	10.42	4.2	ng/ul	530300	2	11.25	2505940	20.0
unknown-07	10.48	7.4	ng/ul	924221	2	11.25	2505940	20.0
unknown-08	10.64	4.9	ng/ul	610397	2	11.25	2505940	20.0
1,3-Pentanediol, ...	10.75	32.0	ng/ul	4013420	2	11.25	2505940	20.0
unknown-09	10.99	5.6	ng/ul	705001	2	11.25	2505940	20.0
unknown-10	11.11	8.5	ng/ul	1069850	2	11.25	2505940	20.0
(DEL) Alkane: Str...	11.18	6.4	ng/ul	802035	2	11.25	2505940	20.0
1,3-Hexanediol, 2...	11.45	8.6	ng/ul	1082730	2	11.25	2505940	20.0
unknown-11	11.49	4.1	ng/ul	519209	2	11.25	2505940	20.0
unknown-12	11.54	19.8	ng/ul	2477500	2	11.25	2505940	20.0
unknown-13	11.60	23.0	ng/ul	2881020	2	11.25	2505940	20.0
2-Cyclohexen-1-on...	11.63	6.6	ng/ul	823064	2	11.25	2505940	20.0
(DEL) Alkane: Str...	11.73	10.1	ng/ul	1266290	2	11.25	2505940	20.0
(DEL) Alkane: Str...	13.83	5.5	ng/ul	668604	3	15.04	2429140	20.0
(DEL) Alkane: Str...	14.88	14.1	ng/ul	1708020	3	15.04	2429140	20.0
(DEL) Alkane: Cyc...	15.34	45.9	ng/ul	5576900	3	15.04	2429140	20.0
(DEL) Alkane: Cyc...	16.22	5.1	ng/ul	618406	3	15.04	2429140	20.0
(DEL) Alkane: Str...	16.68	7.1	ng/ul	835184	4	17.80	2360300	20.0
(DEL) Alkane: Str...	18.88	4.3	ng/ul	505981	4	17.80	2360300	20.0
(DEL) Alkane: Str...	21.54	4.2	ng/ul	560589	5	21.89	2679500	20.0