LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.141	4	9	21	rVB	716187	1146464	8.31%	0.411%
2	5.585	418	425	432	rVB	572819	968161	7.02%	0.347%
3	6.284	538	544	557	rVB4	382088	1004823	7.29%	0.360%
4	6.507	575	582	589	rBV6	376472	1038733	7.53%	0.372%
5	6.660	600	608	611	rBV2	475027	918093	6.66%	0.329%
6	7.013	657	668	674	rVV2	937379	2327707	16.88%	0.834%
7	7.183	690	697	704	rBV3	682381	1295707	9.40%	0.464%
8	8.011	833	838	845	rVB2	874326	1558086	11.30%	0.558%
9	8.405	899	905	911	rVB2	583298	1135592	8.24%	0.407%
10	8.529	921	926	930	rBV	488644	832274	6.04%	0.298%
11	8.570	930	933	940	rVV2	443848	839645	6.09%	0.301%
12	8.681	947	952	957	rBV2	551955	950593	6.89%	0.341%
13	8.805	968	973	976	rBV	512743	837864	6.08%	0.300%
14	9.151	1022	1032	1038	rBV2	2684323	5424449	39.34%	1.943%
15	9.234	1040	1046	1056	rVB2	1386994	2975138	21.58%	1.066%
16	9.398	1064	1074	1081	rBV7	746197	2370943	17.20%	0.849%
17	9.486	1081	1089	1091	rBV2	419555	838784	6.08%	0.300%
18	9.680	1117	1122	1132	rVB2	1504263	2969302	21.53%	1.064%
19	9.774	1132	1138	1143	rVB4	464630	795576	5.77%	0.285%
20	9.939	1158	1166	1170	rBV2	780439	1647238	11.95%	0.590%
21	9.986	1170	1174	1178	rVV2	907432	1477433	10.72%	0.529%
22	10.039	1178	1183	1189	rVV4	964131	1759700	12.76%	0.630%
23	10.103	1189	1194	1204	rVB3	1527721	3924492	28.46%	1.406%
24	10.203	1204	1211	1215	rBV2	669824	1215830	8.82%	0.436%
25	10.256	1215	1220	1227	rBV3	2600328	4885752	35.43%	1.750%
26	10.438	1246	1251	1264	rVB6	892494	2314049	16.78%	0.829%
27	10.556	1266	1271	1276	rBV	876519	1586288	11.50%	0.568%
28	10.767	1303	1307	1312	rVV3	918369	2005495	14.54%	0.718%
29	10.843	1312	1320	1326	rVV3	1994538	5390023	39.09%	1.931%
30	10.908	1326	1331	1338	rVV4	1082314	2558445	18.55%	0.916%
31	10.979	1339	1343	1347	rVV	1323231	2354757	17.08%	0.843%
32	11.037	1347	1353	1357	rVV	2745518	4539311	32.92%	1.626%
33	11.084	1357	1361	1369	rVB4	946704	1698743	12.32%	0.608%
34	11.161	1370	1374	1379	rVB5	669739	1182706	8.58%	0.424%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	11.361	1404	1408	1415	rVB4	788215	1475899	10.70%	0.529%
36	11.531	1433	1437	1440	rVV2	1086812	1968384	14.28%	0.705%
37	11.578	1440	1445	1452	rVV5	1869921	4236775	30.73%	1.518%
38	11.643	1452	1456	1462	rVB2	719264	1346650	9.77%	0.482%
39	11.707	1463	1467	1473	rVV6	679781	1189290	8.63%	0.426%
40	11.784	1474	1480	1487	rVB	1341697	2876131	20.86%	1.030%
41	11.907	1495	1501	1505	rBV	3891416	7045513	51.10%	2.524%
42	11.977	1509	1513	1518	rVB2	1305135	2368262	17.18%	0.848%
43	12.066	1523	1528	1535	rBV4	799137	2144643	15.55%	0.768%
44	12.160	1540	1544	1548	rBV3	748146	1250707	9.07%	0.448%
45	12.512	1597	1604	1610	rVB5	2156061	5457792	39.58%	1.955%
46	12.753	1637	1645	1652	rVB	3261760	7063238	51.23%	2.530%
47	12.918	1670	1673	1677	rBV2	758427	1057841	7.67%	0.379%
48	12.982	1678	1684	1689	rVB3	1423507	3039073	22.04%	1.089%
49	13.252	1724	1730	1734	rVB	4815494	7728960	56.05%	2.769%
50	13.511	1770	1774	1778	rBV4	938952	1631821	11.83%	0.585%
51	13.558	1778	1782	1786	rVV2	1196261	1738677	12.61%	0.623%
52	13.628	1790	1794	1802	rVV3	1363739	2389958	17.33%	0.856%
53	13.699	1803	1806	1809	rVB3	839042	969350	7.03%	0.347%
54	13.734	1809	1812	1814	rBV2	561316	795787	5.77%	0.285%
55	14.040	1857	1864	1868	rVB	4685357	9072684	65.80%	3.250%
56	14.093	1868	1873	1878	rVB2	4980514	7823638	56.74%	2.802%
57	14.140	1878	1881	1884	rBV2	659588	949147	6.88%	0.340%
58	14.192	1885	1890	1894	rVB3	5356648	8570897	62.16%	3.070%
59	14.269	1894	1903	1906	rBV2	2095722	4245976	30.79%	1.521%
60	14.398	1922	1925	1928	rBV2	1038504	1511394	10.96%	0.541%
61	14.428	1928	1930	1935	rVB2	1012644	1317182	9.55%	0.472%
62	14.545	1946	1950	1955	rVB3	1292115	1942495	14.09%	0.696%
63	14.680	1968	1973	1975	rBV	1479413	2486849	18.04%	0.891%
64	14.921	2008	2014	2022	rVB	2916415	8187989	59.38%	2.933%
65	14.997	2023	2027	2031	rBV3	959253	1627962	11.81%	0.583%
66	15.109	2039	2046	2052	rVB	4386719	7629683	55.33%	2.733%
67	15.185	2055	2059	2063	rVV	3248328	4566050	33.12%	1.636%
68	15.232	2063	2067	2077	rVB7	2245866	4471313	32.43%	1.602%
69	15.326	2078	2083	2088	rBV	2967870	5423969	39.34%	1.943%
70	15.379	2088	2092	2097	rVB	2784757	3817137	27.68%	1.367%
71	15.526	2115	2117	2122	rVB	1919933	2469751	17.91%	0.885%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	15.597	2126	2129	2135	rBV5	766031	1445949	10.49%	0.518%
73	15.661	2135	2140	2145	rBV7	974770	1971883	14.30%	0.706%
74	15.744	2150	2154	2158	rBV2	1426810	2297207	16.66%	0.823%
75	15.802	2159	2164	2167	rVB4	1055133	1905019	13.82%	0.682%
76	15.920	2180	2184	2187	rBV4	1092593	1805996	13.10%	0.647%
77	15.967	2187	2192	2197	rVB	5914148	9251603	67.10%	3.314%
78	16.126	2215	2219	2222	rBV3	728928	1347506	9.77%	0.483%
79	16.167	2223	2226	2230	rVB3	1221127	1693954	12.29%	0.607%
80	16.267	2239	2243	2246	rBV2	906578	1261948	9.15%	0.452%
81	16.449	2267	2274	2284	rVB2	6436848	13788442	100.00%	4.939%
82	16.566	2291	2294	2299	rVB2	996474	1436169	10.42%	0.514%
83	16.819	2331	2337	2341	rBV5	2275395	3973959	28.82%	1.423%
84	17.265	2408	2413	2423	rVB2	4306088	8188956	59.39%	2.933%
85	17.453	2441	2445	2448	rBV2	934275	1429359	10.37%	0.512%
86	17.494	2448	2452	2457	rVV	1842376	3185528	23.10%	1.141%
87	17.553	2459	2462	2471	rVB3	1037822	1734563	12.58%	0.621%
88	17.865	2511	2515	2520	rBV3	1230142	1884042	13.66%	0.675%
89	18.182	2564	2569	2574	rBV2	551068	1112566	8.07%	0.399%
90	18.329	2590	2594	2598	rBV	1754800	2706112	19.63%	0.969%
91	18.382	2598	2603	2609	rVB	2035993	3350804	24.30%	1.200%
92	18.517	2622	2626	2630	rVV2	892237	1325885	9.62%	0.475%
93	18.558	2631	2633	2645	rVB2	826964	1463607	10.61%	0.524%
94	19.063	2716	2719	2725	rVV2	544163	832292	6.04%	0.298%
95	19.116	2725	2728	2732	rVV	777861	1074062	7.79%	0.385%
96	19.240	2744	2749	2753	rBV	1250217	1834386	13.30%	0.657%
97	19.833	2845	2850	2854	rBV	768797	1095479	7.94%	0.392%
98	21.725	3166	3172	3183	rVB	555334	909897	6.60%	0.326%
99	24.768	3681	3690	3702	rVB	405800	1156385	8.39%	0.414%
100	24.997	3720	3729	3747	rVB2	316074	1048320	7.60%	0.376%

Sum of corrected areas: 279168941

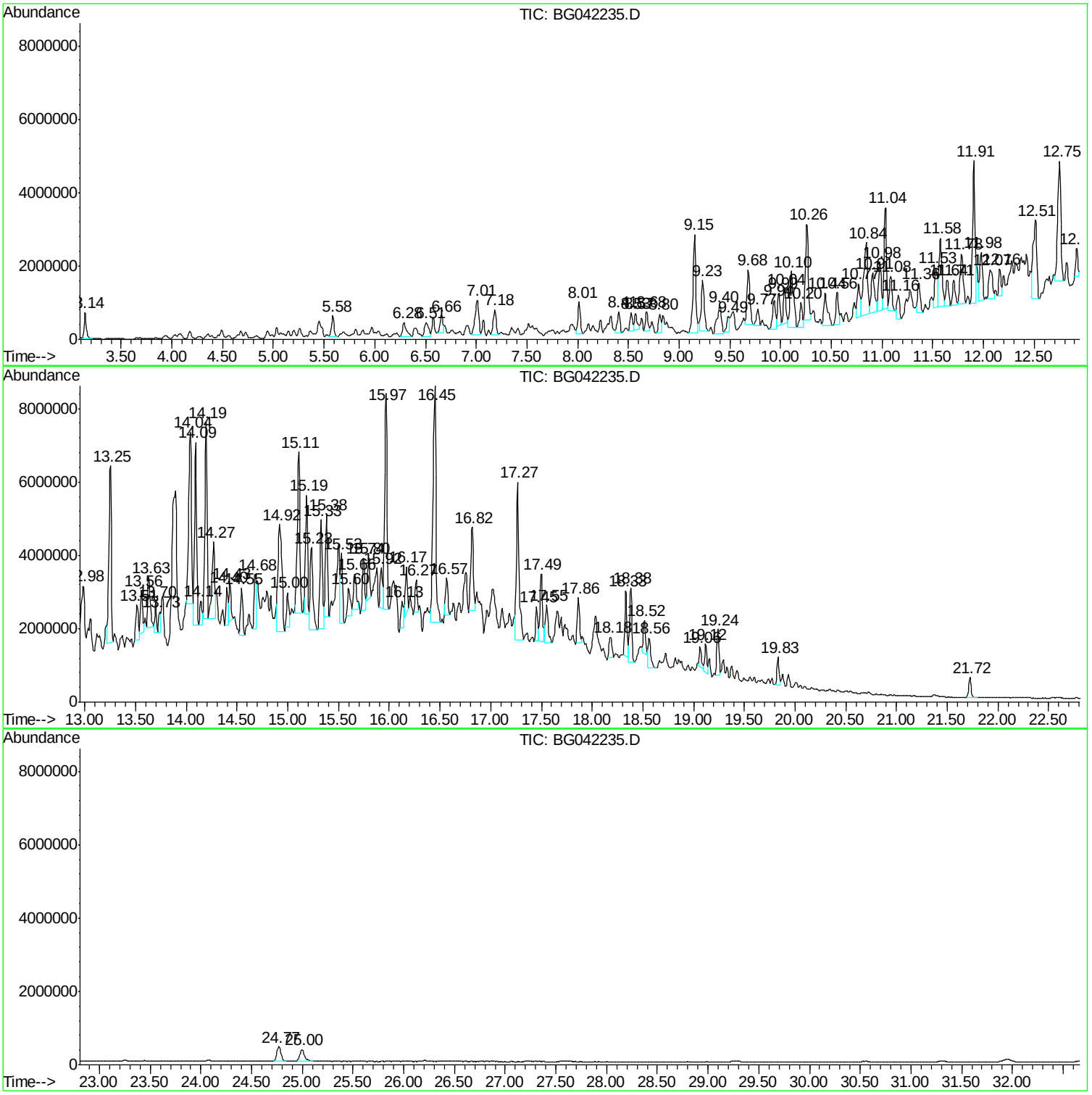
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

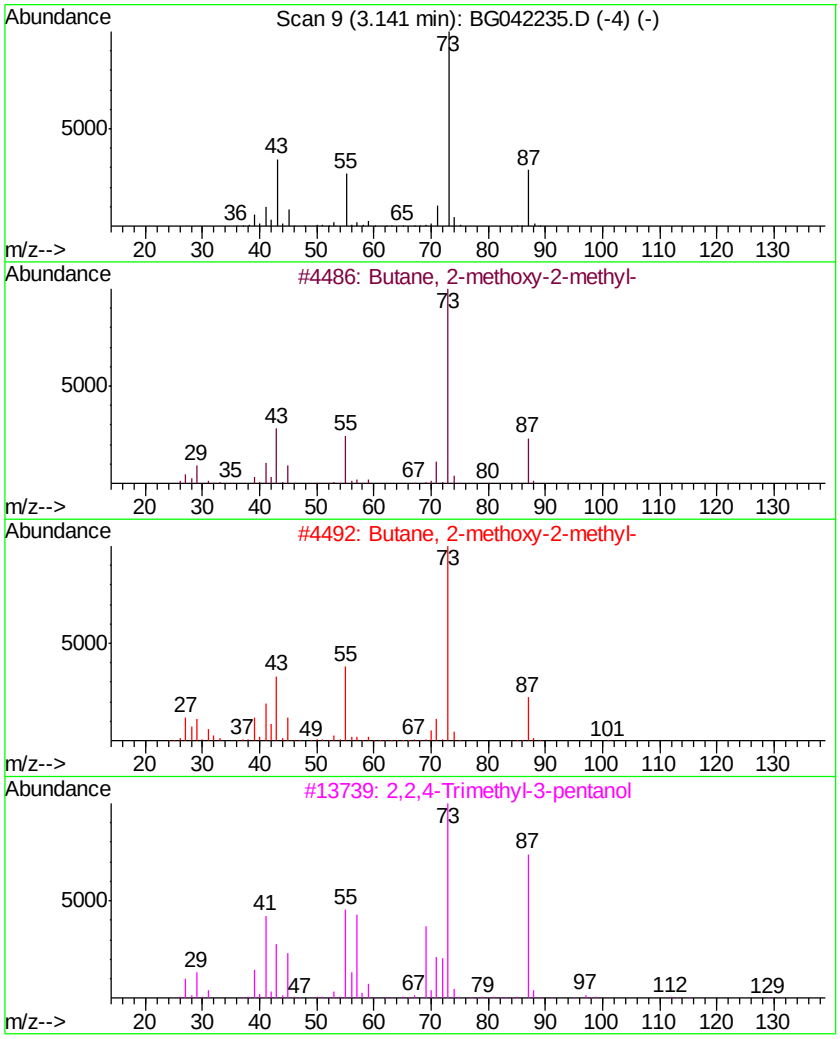
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

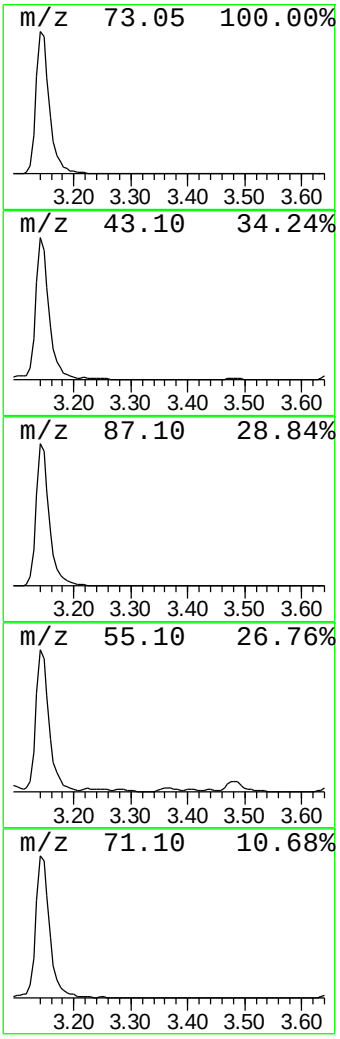
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	14.72 ng/ul	1146460	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

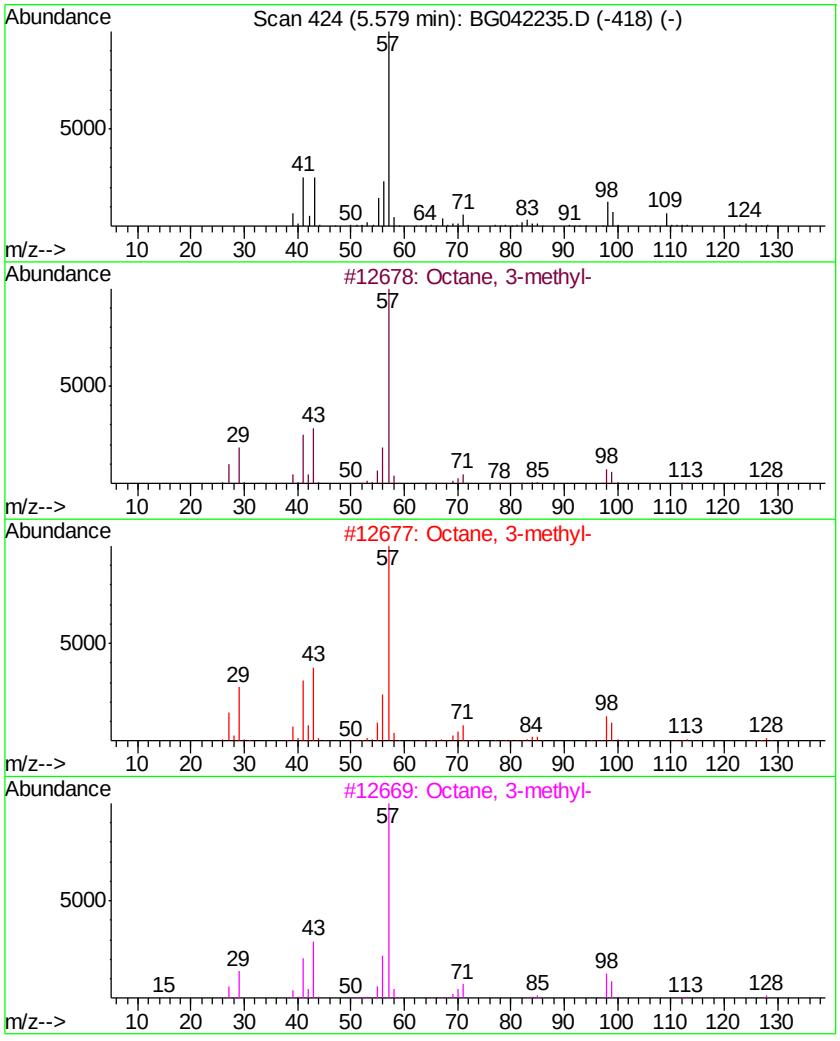
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

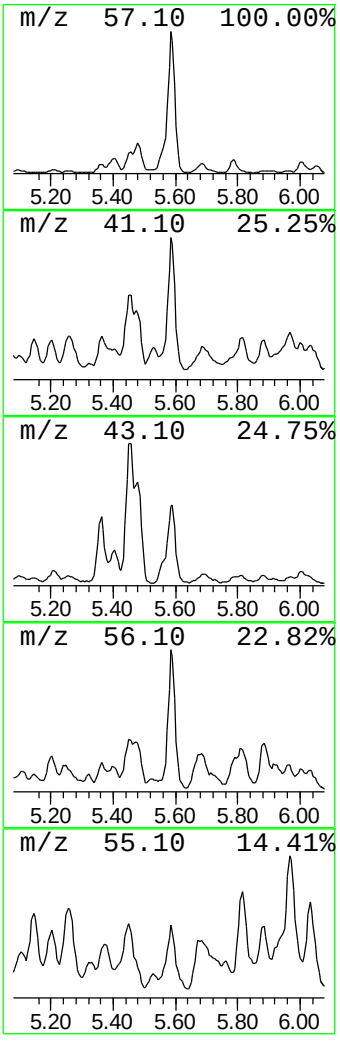
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	12.43 ng/ul	968161	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	49
3	Octane, 3-methyl-	128	C9H20	002216-33-3	49
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	47
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

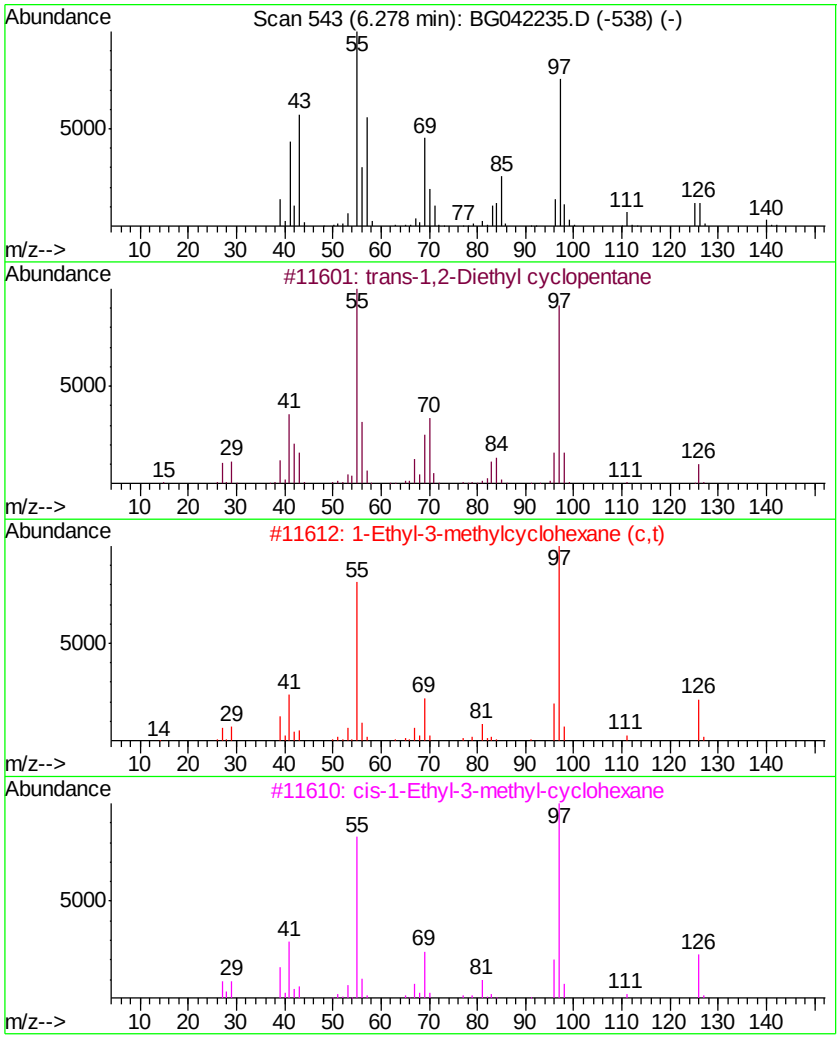
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

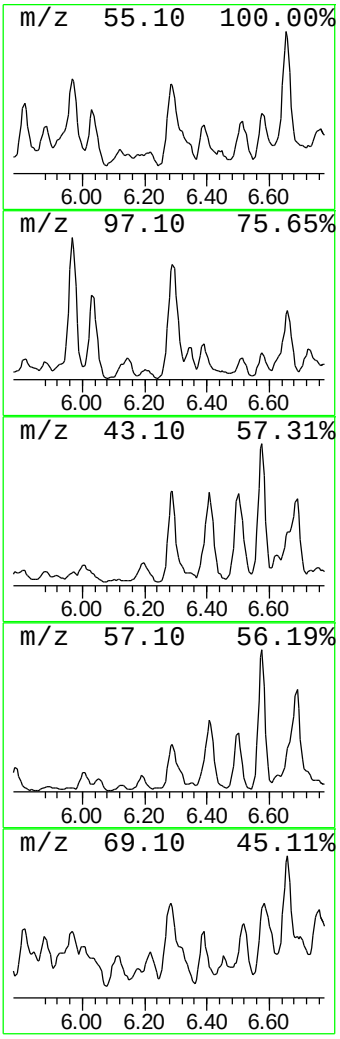
****

Peak Number 3 (DEL) Alkane: Cyclic6.28 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	12.90 ng/ul	1004820	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	83
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	58
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

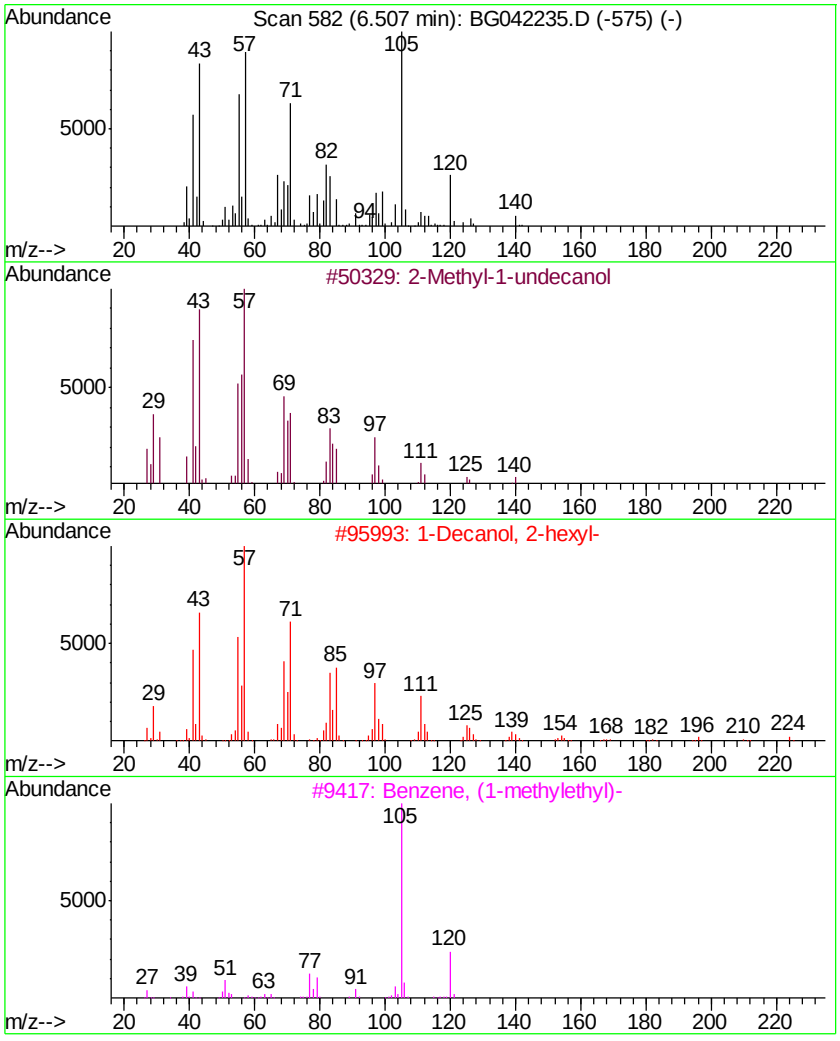
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

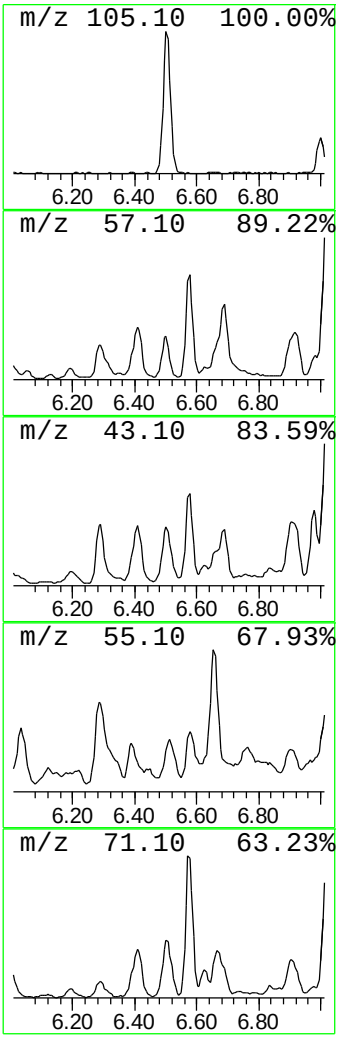
****

Peak Number 4 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	13.33 ng/ul	1038730	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	38
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	25
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	25





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

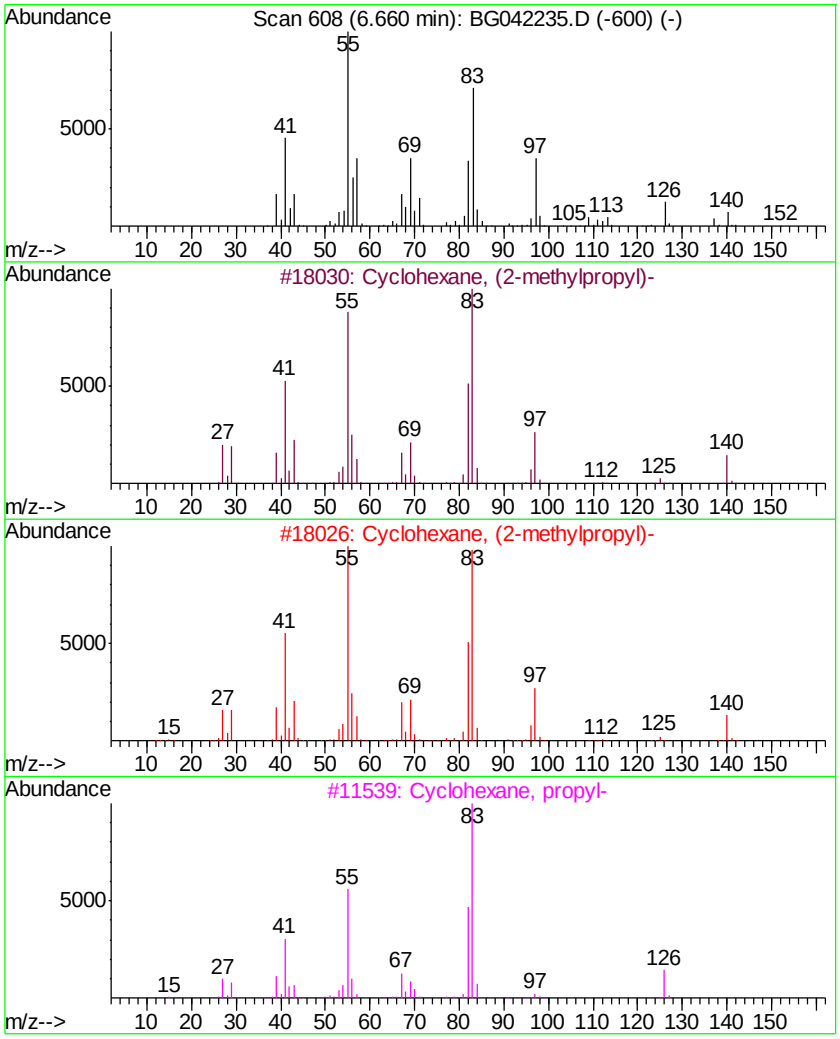
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

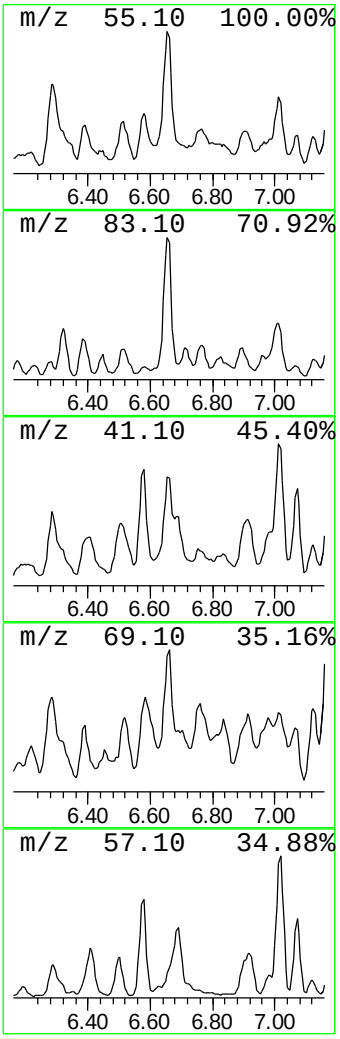
****

Peak Number 5 (DEL) Alkane: Cyclic6.66 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	11.78 ng/ul	918093	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	46





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

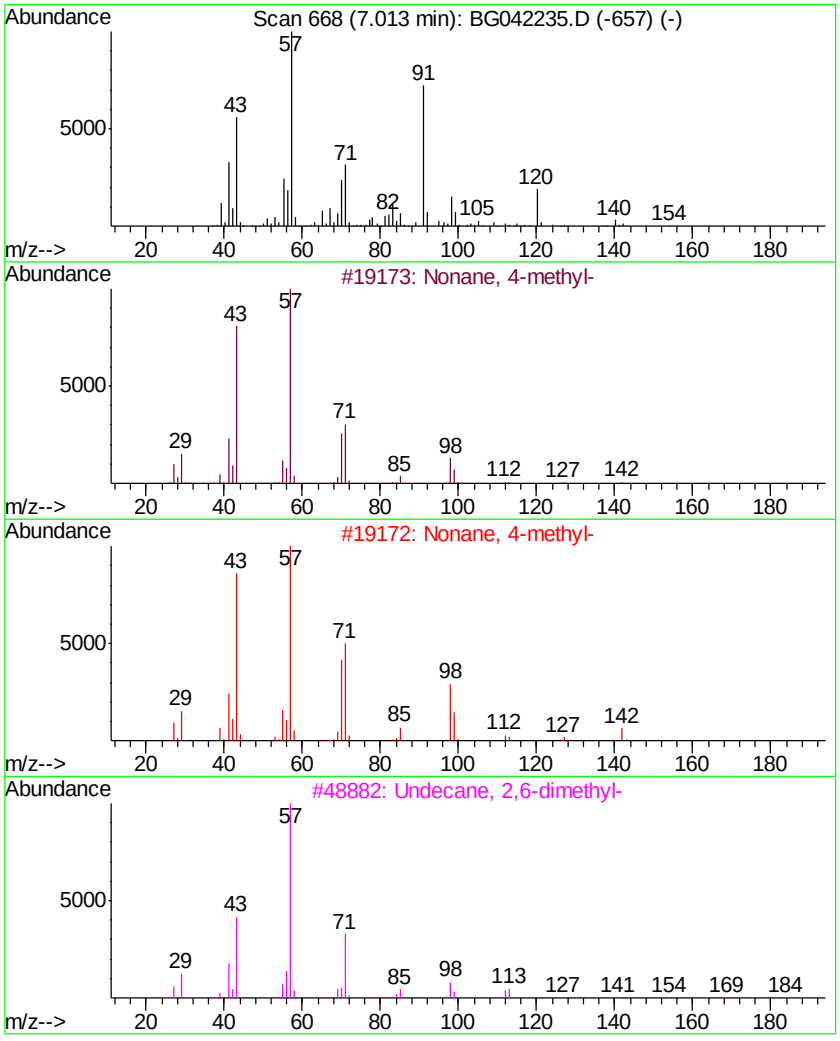
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

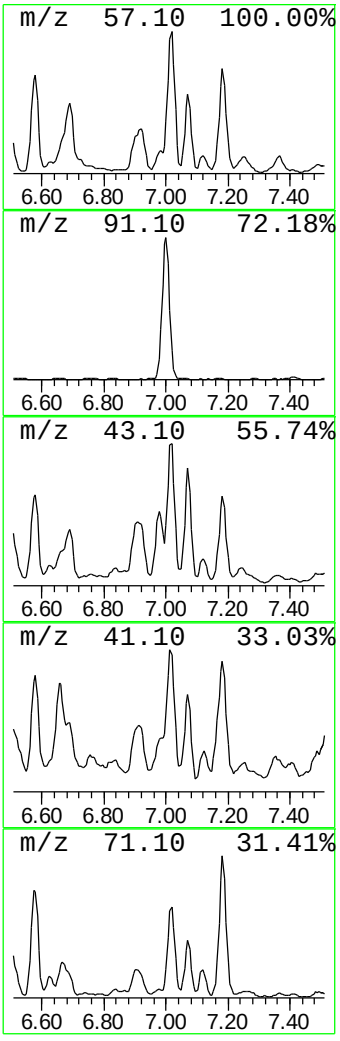
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	29.88 ng/ul	2327710	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	38





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

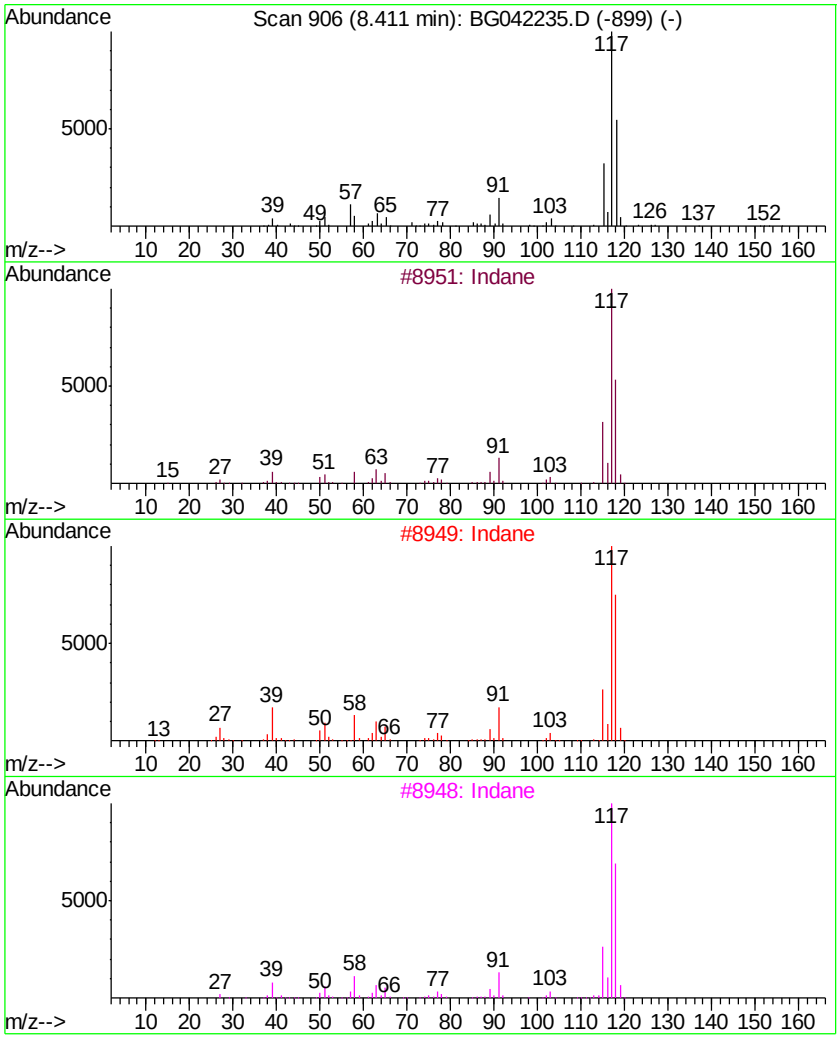
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

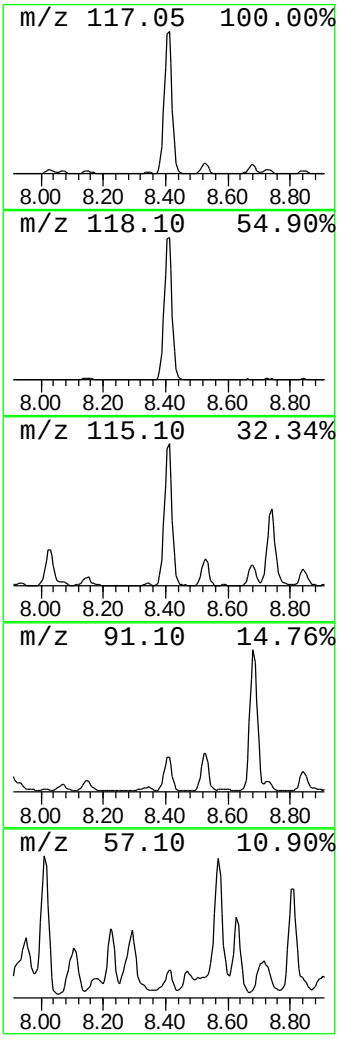
****

Peak Number 7 Indane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	14.58 ng/ul	1135590	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

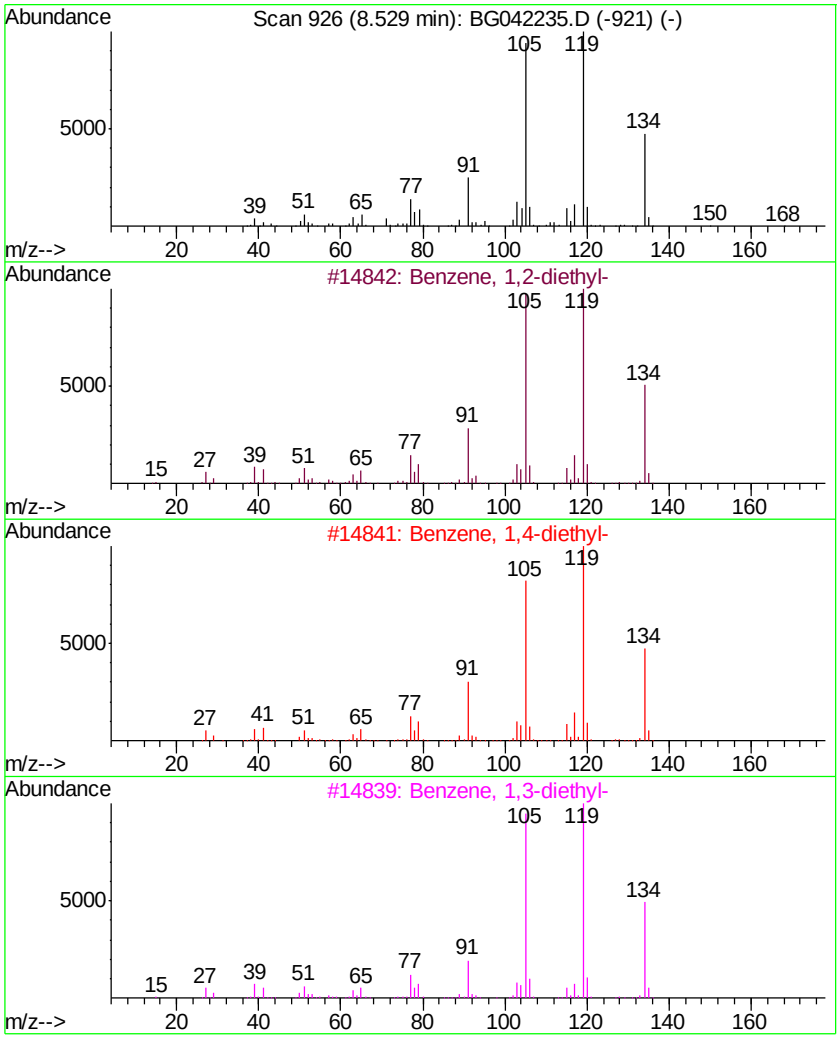
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

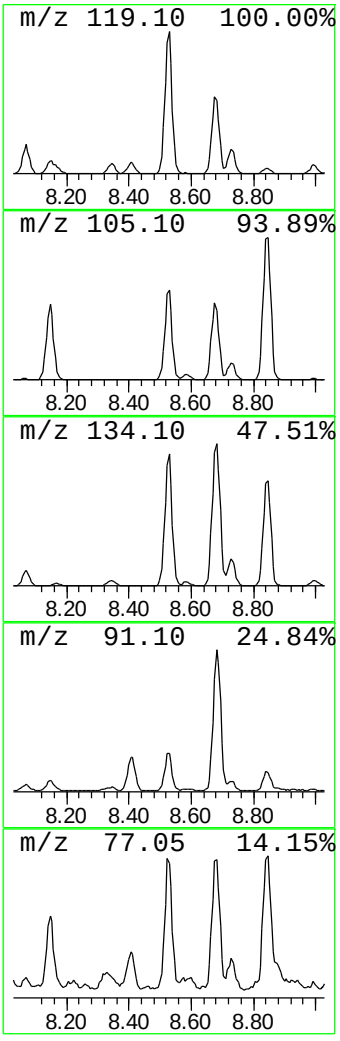
****

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	10.68 ng/ul	832274	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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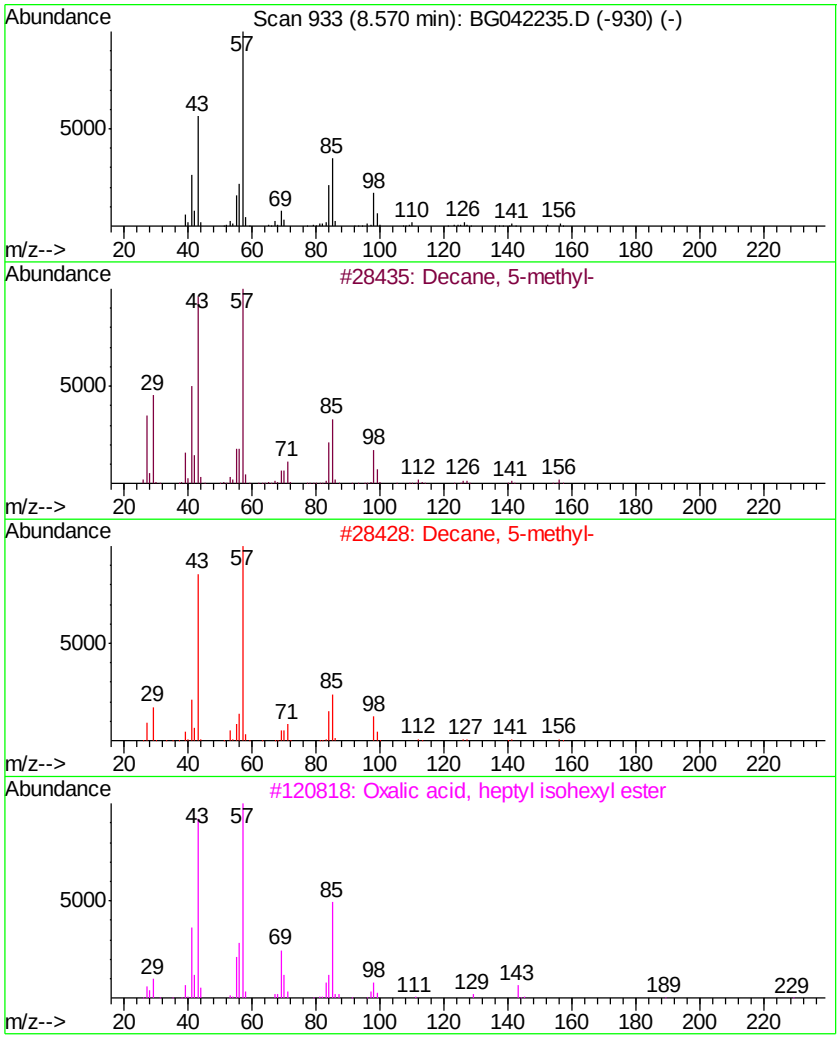
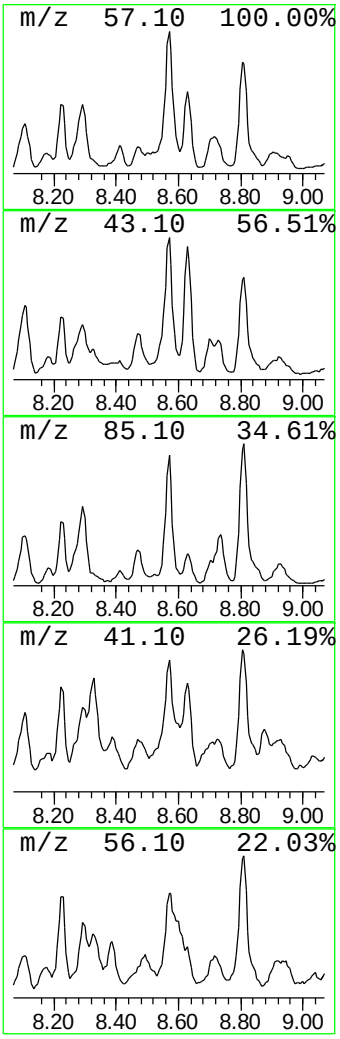
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	10.78 ng/ul	839645	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	78
2	Decane, 5-methyl-	156	C11H24	013151-35-4	72
3	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	53
4	Nonane	128	C9H20	000111-84-2	53
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	50





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

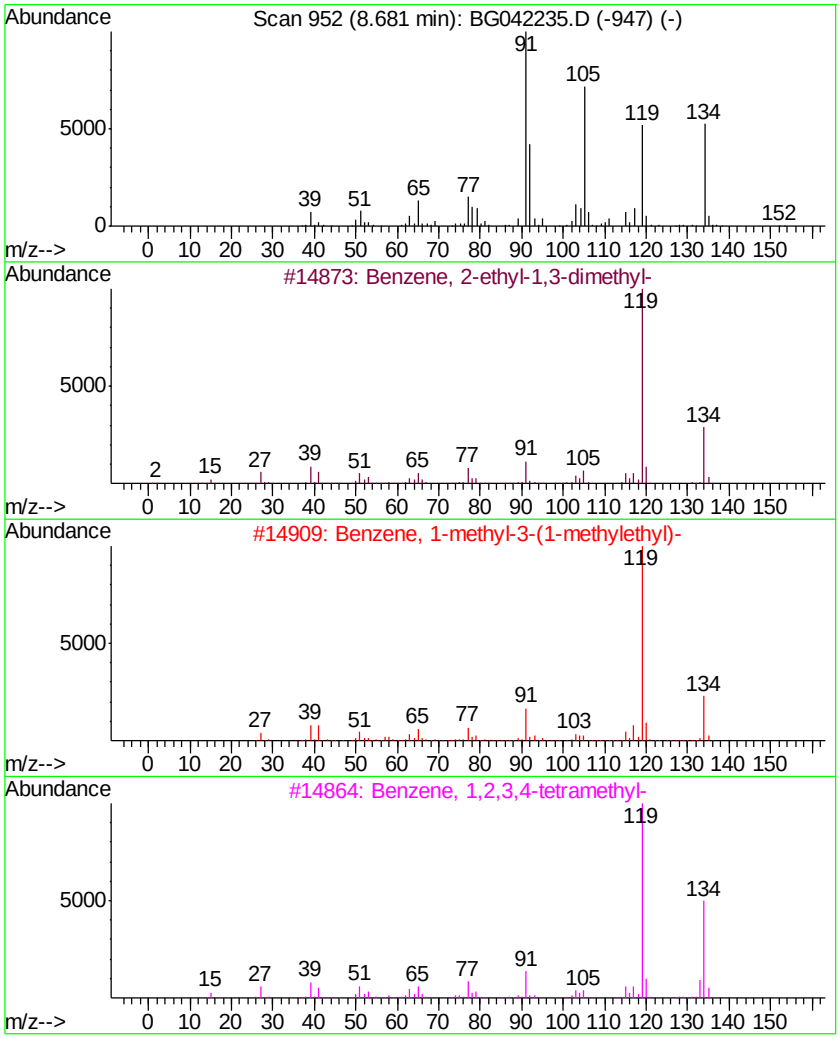
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

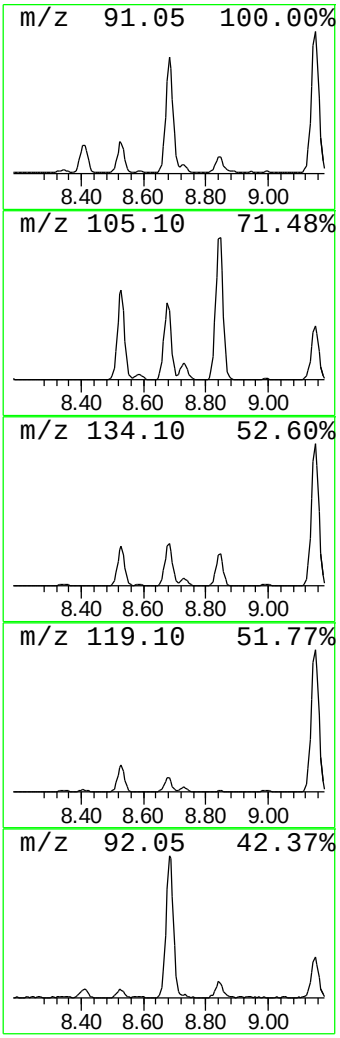
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	12.20 ng/ul	950593	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62





Library Search Compound Report

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Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

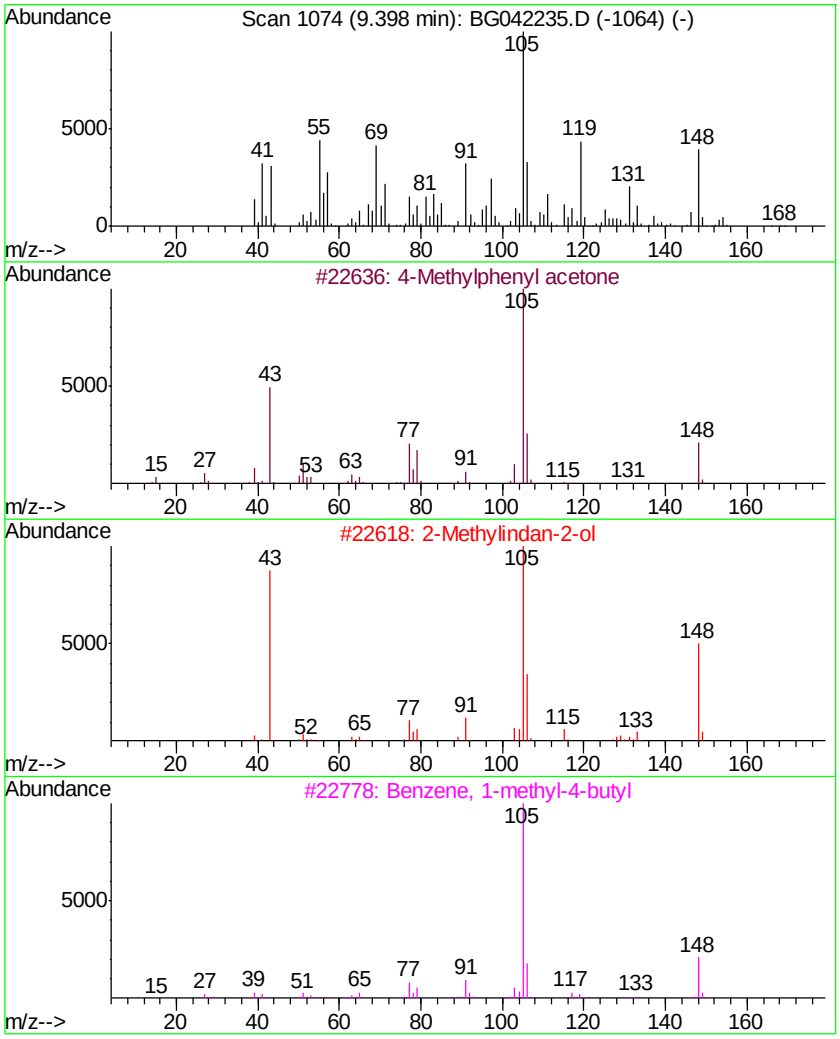
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

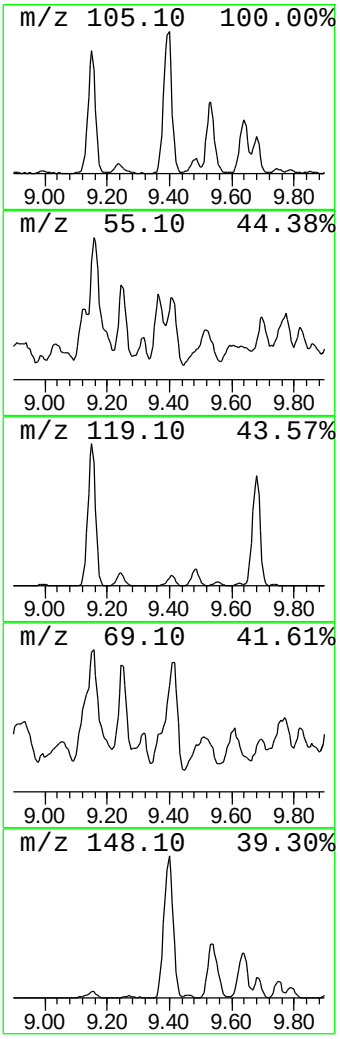
****

Peak Number 11 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	30.43 ng/ul	2370940	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
4	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	35





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

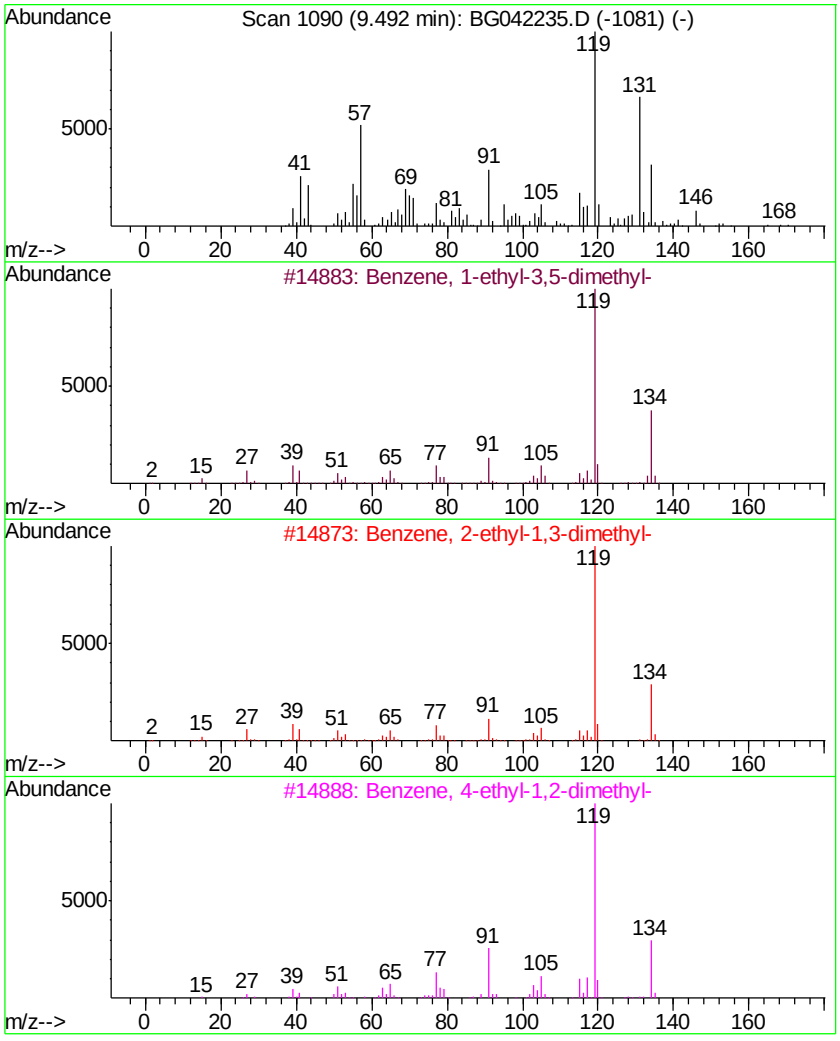
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

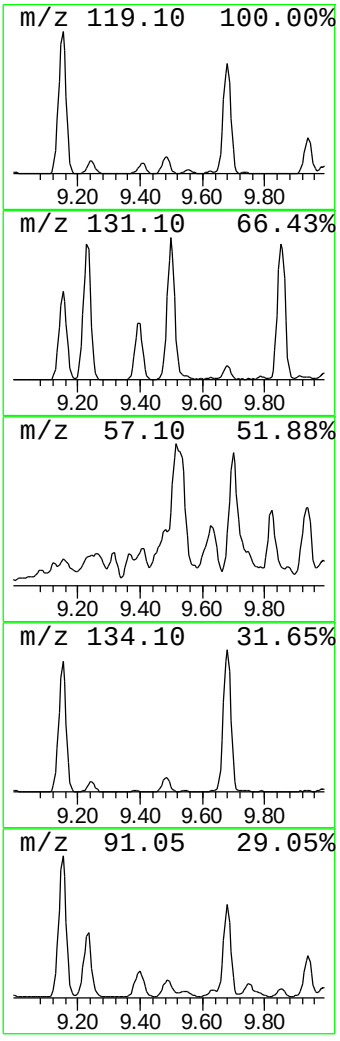
****

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.11 ng/ul	838784	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

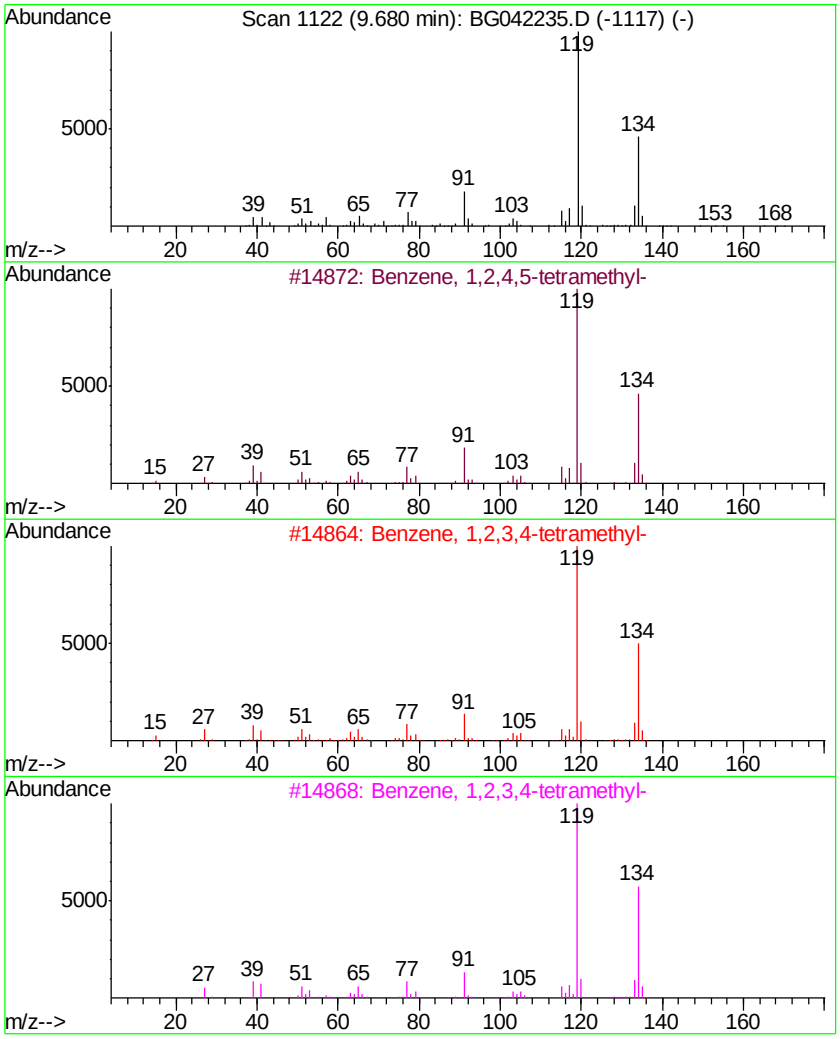
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

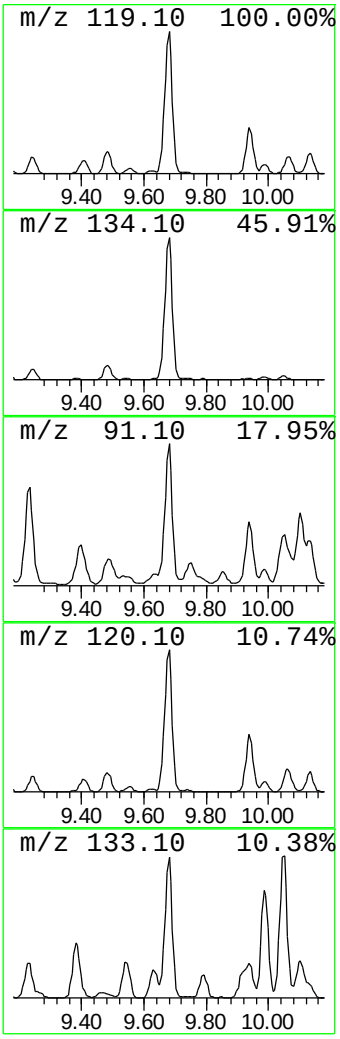
****

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	11.02 ng/ul	2969300	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Library Search Compound Report

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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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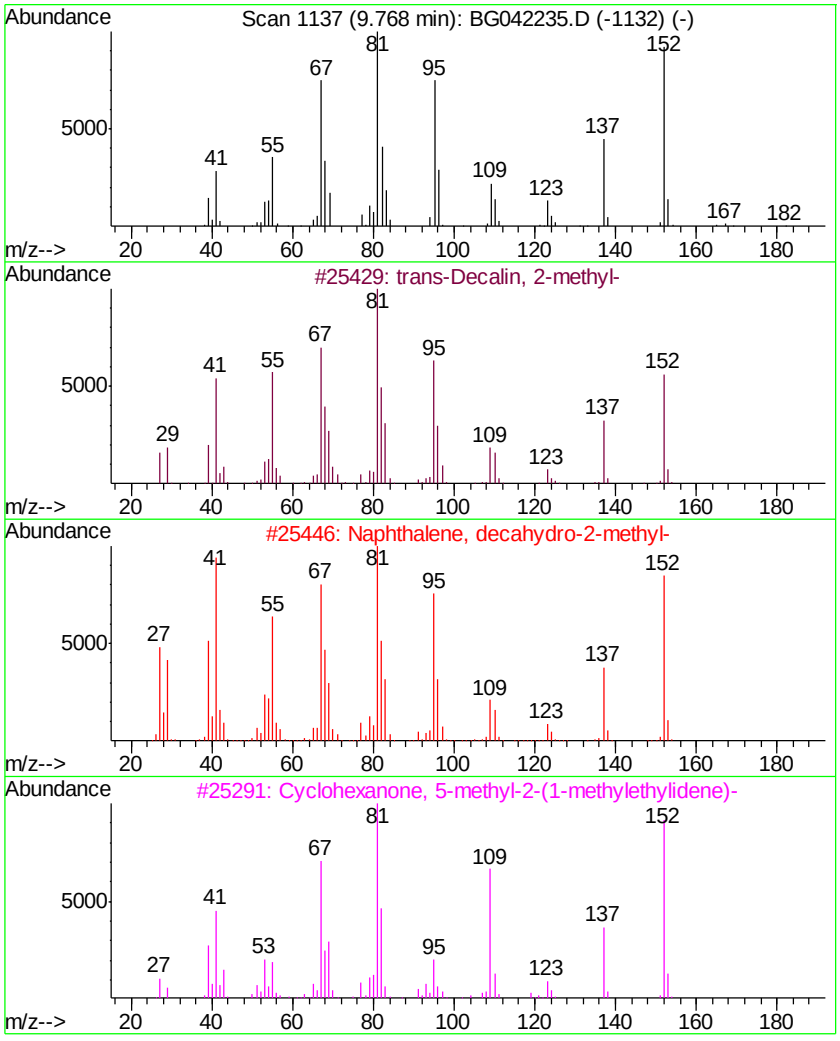
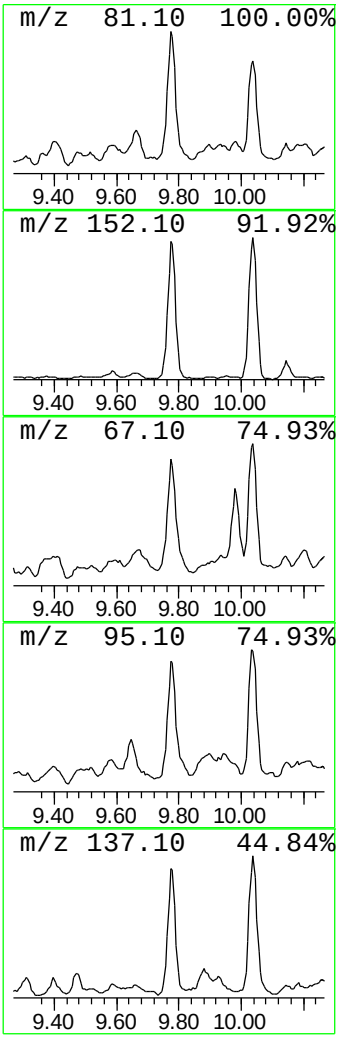
Peak Number 14 trans-Decalin, 2-methyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.95 ng/ul	795576	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	89
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	76





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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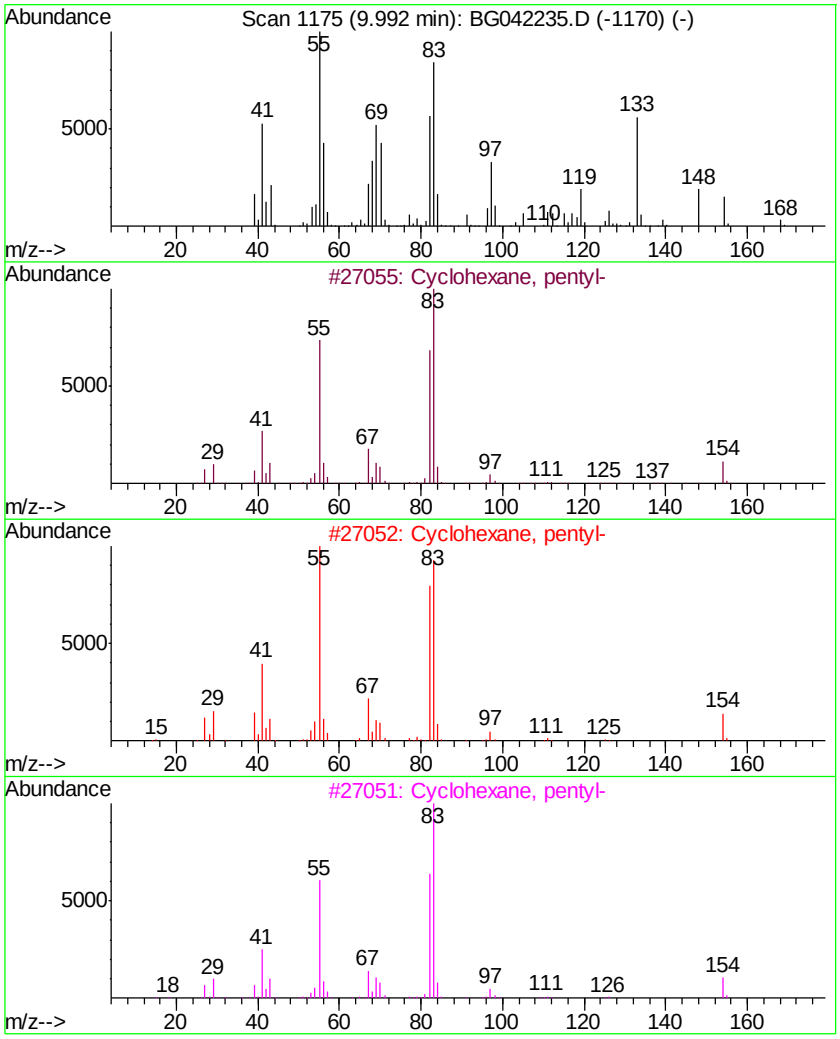
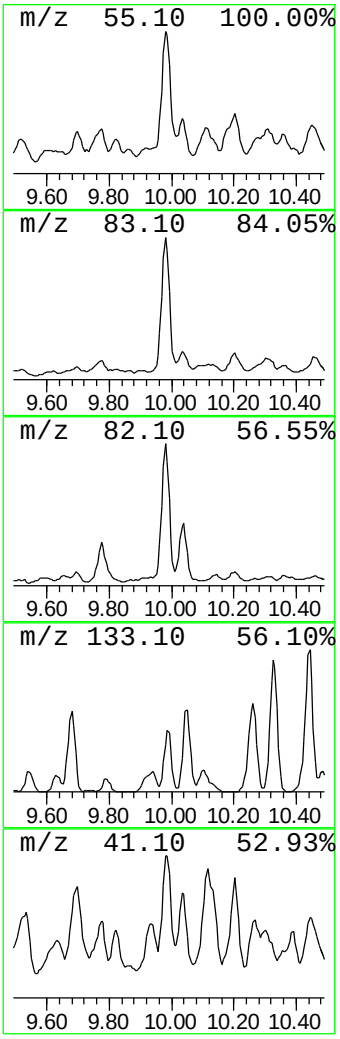
Peak Number 15 (DEL) Alkane: Cyclic9.99 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	5.48 ng/ul	1477430	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	50





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Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

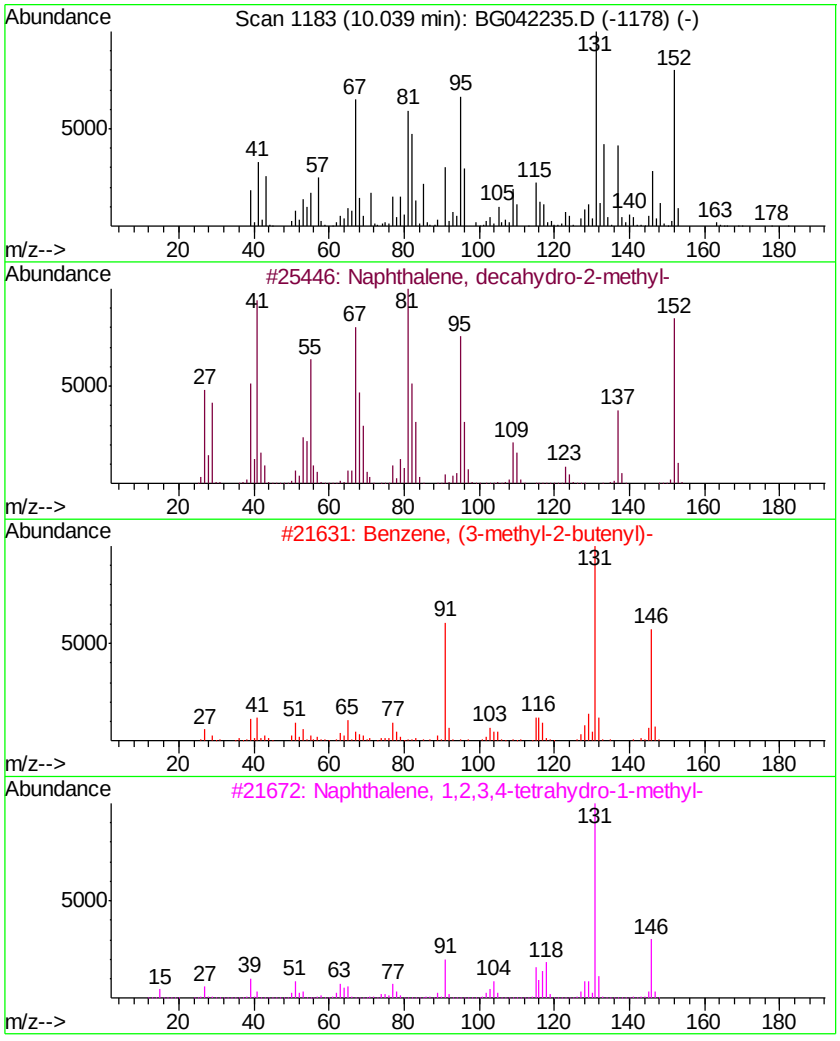
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

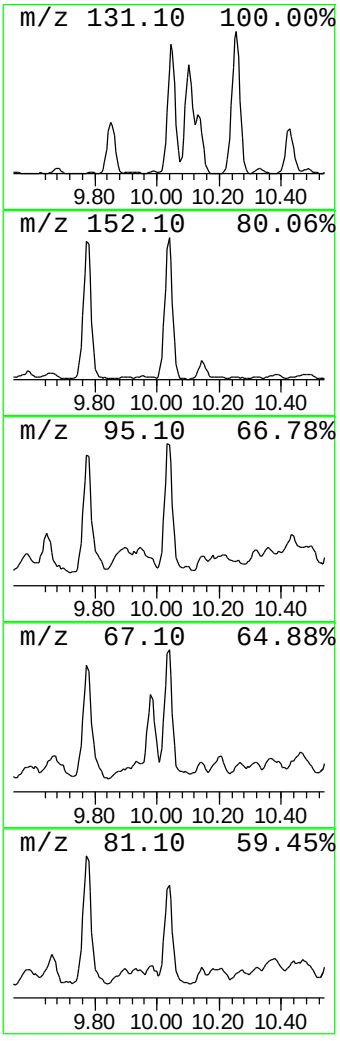
****

Peak Number 16 Naphthalene, decahydro-2-me... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	6.53 ng/ul	1759700	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	44
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	44
5	1-Adamantanol	152	C10H16O	000768-95-6	38





Library Search Compound Report

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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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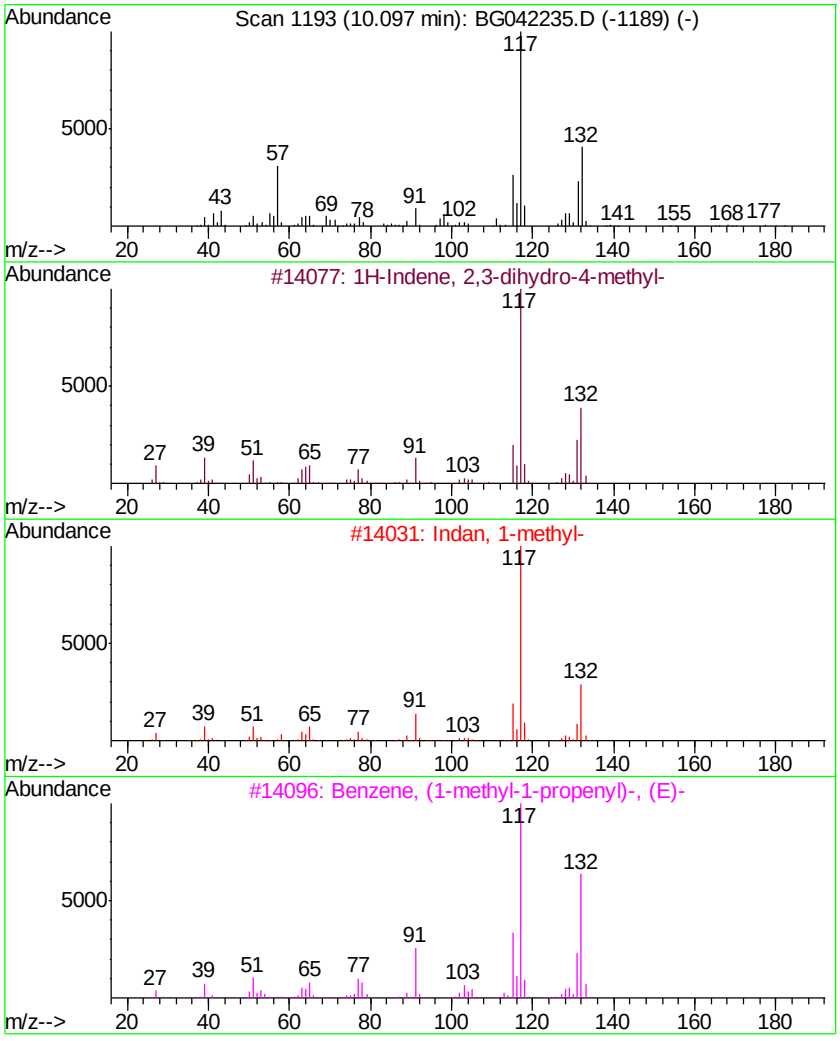
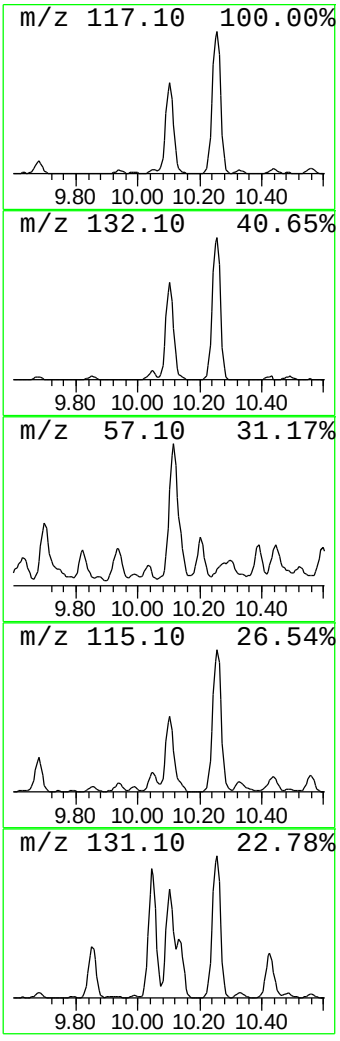
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	14.56 ng/ul	3924490	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	83
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





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Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

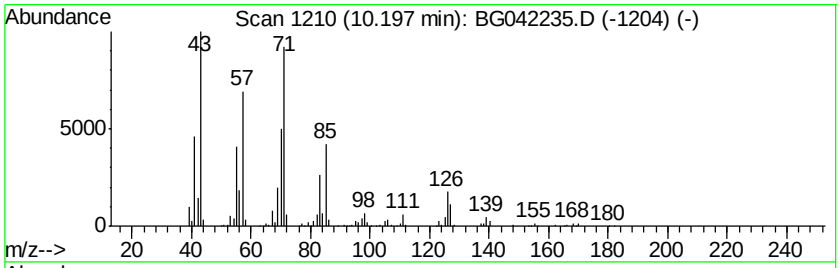
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

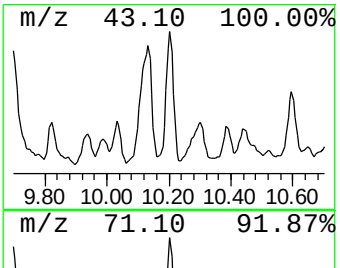
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	4.51 ng/ul	1215830	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	76
2	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	64
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	59
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	52
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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Quant Title : SVOA CALIBRATION

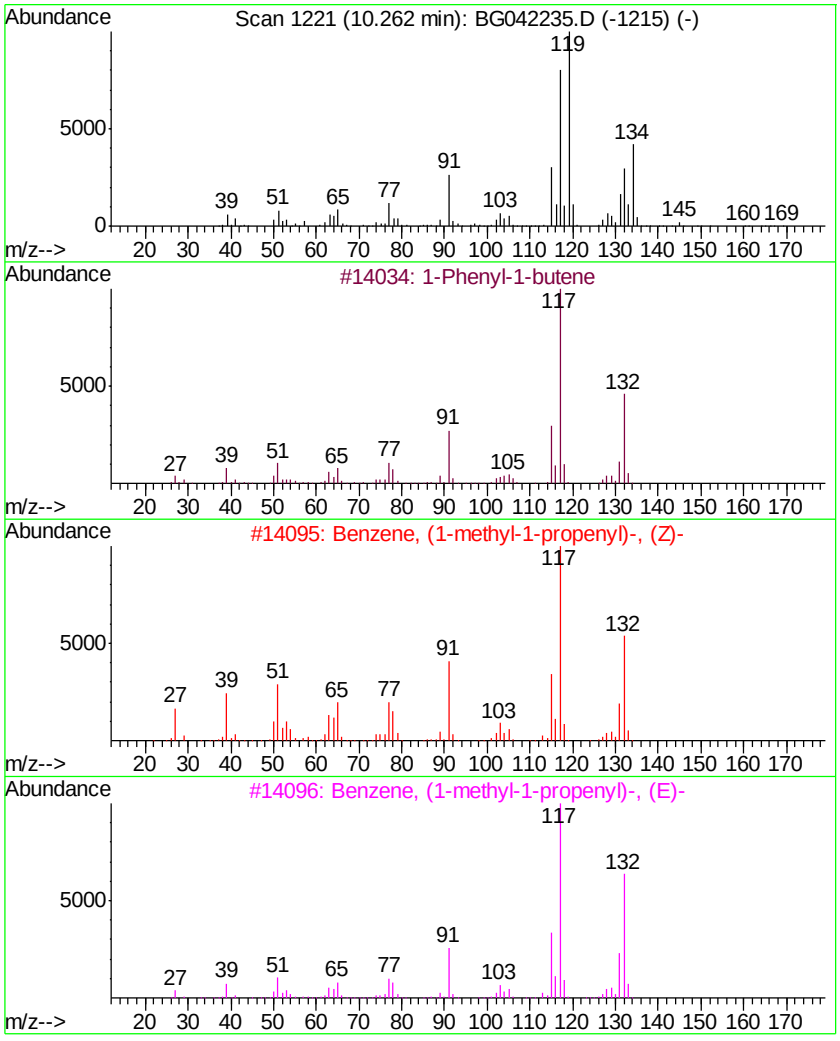
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

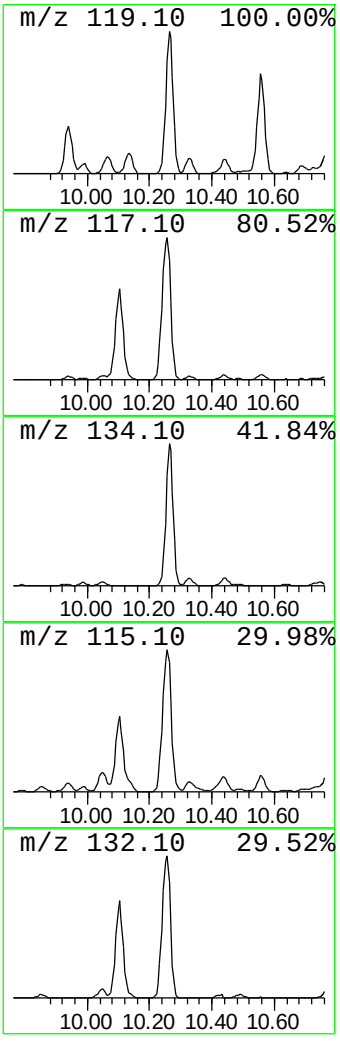
****

Peak Number 19 1-Phenyl-1-butene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	18.13 ng/ul	4885750	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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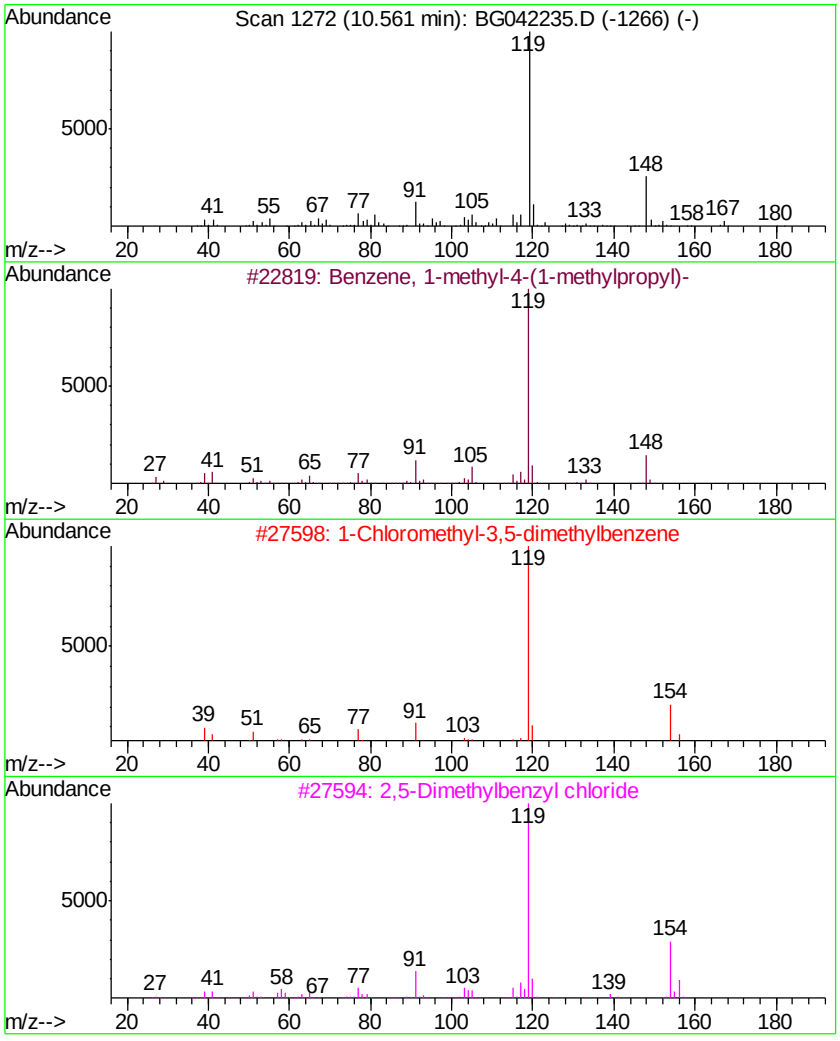
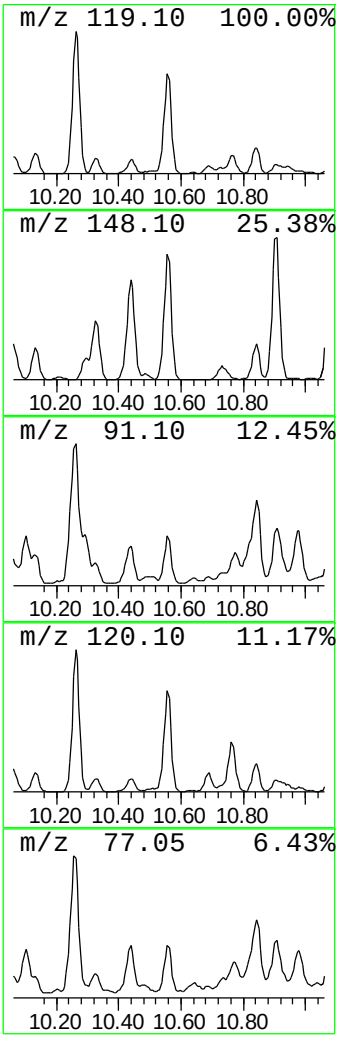
Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	5.89 ng/ul	1586290	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	72
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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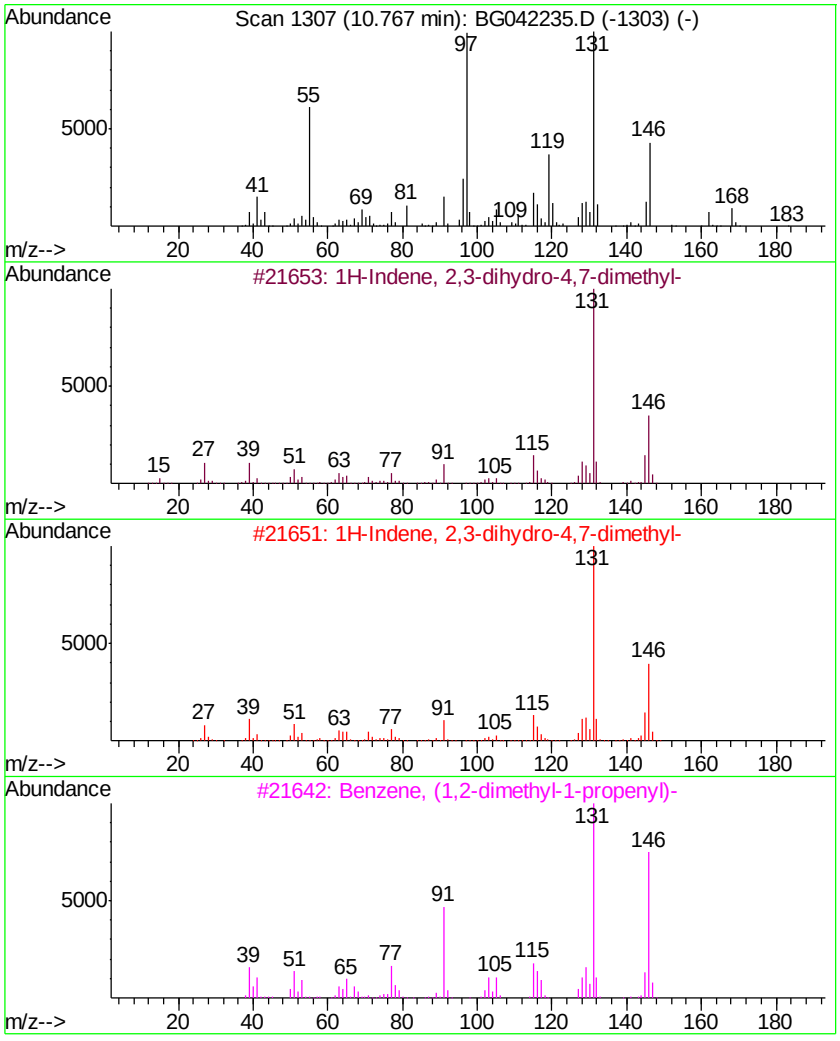
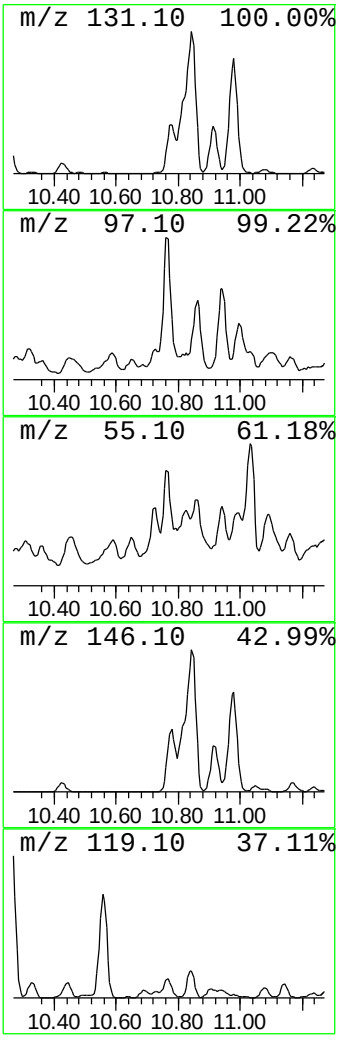
Peak Number 21 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	7.44 ng/ul	2005500	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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Quant Title : SVOA CALIBRATION

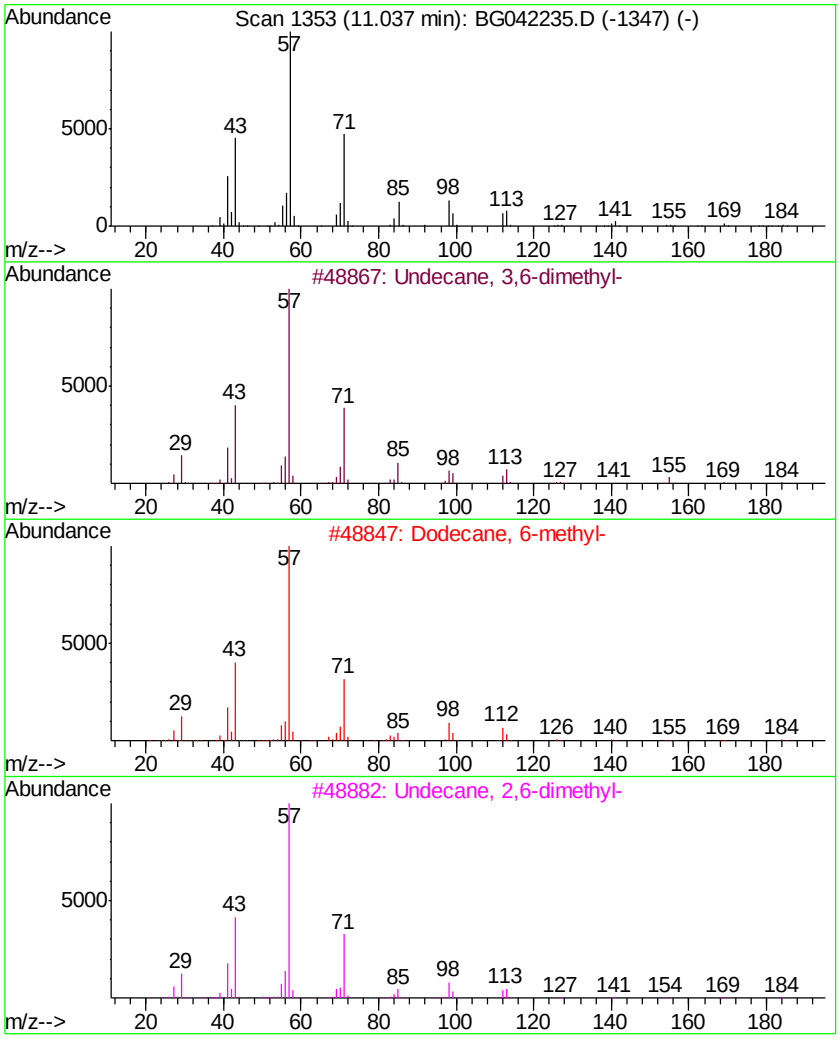
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

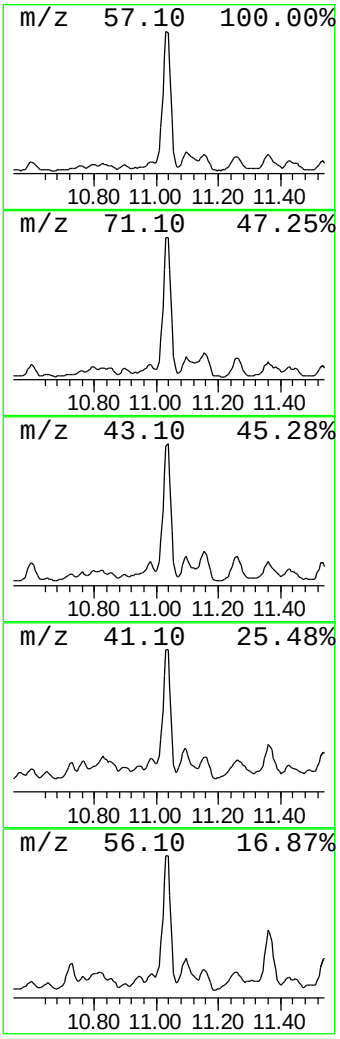
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	16.84 ng/ul	4539310	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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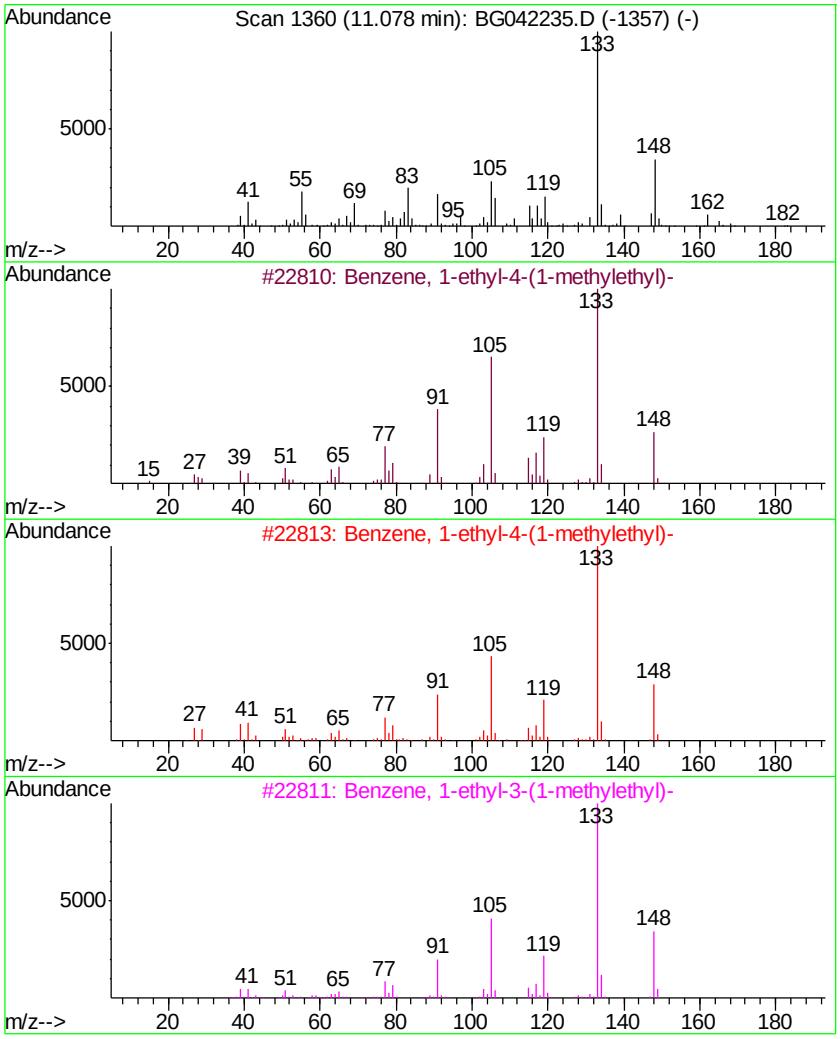
Quant Title : SVOA CALIBRATION

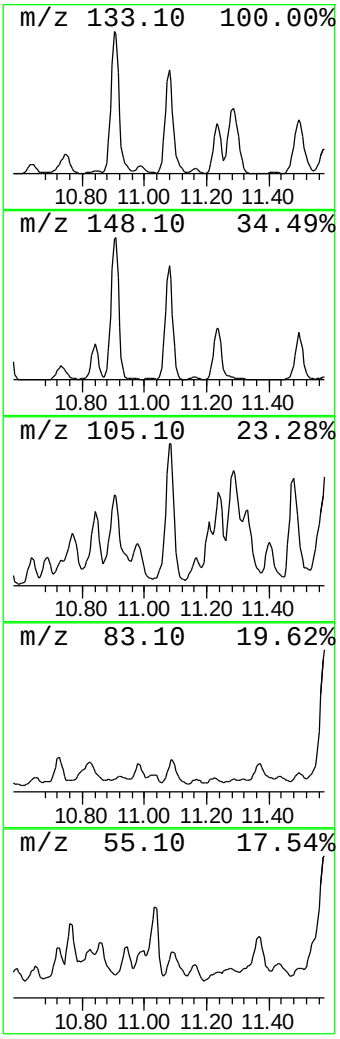
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	6.30 ng/ul	1698740	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	81
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	74





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Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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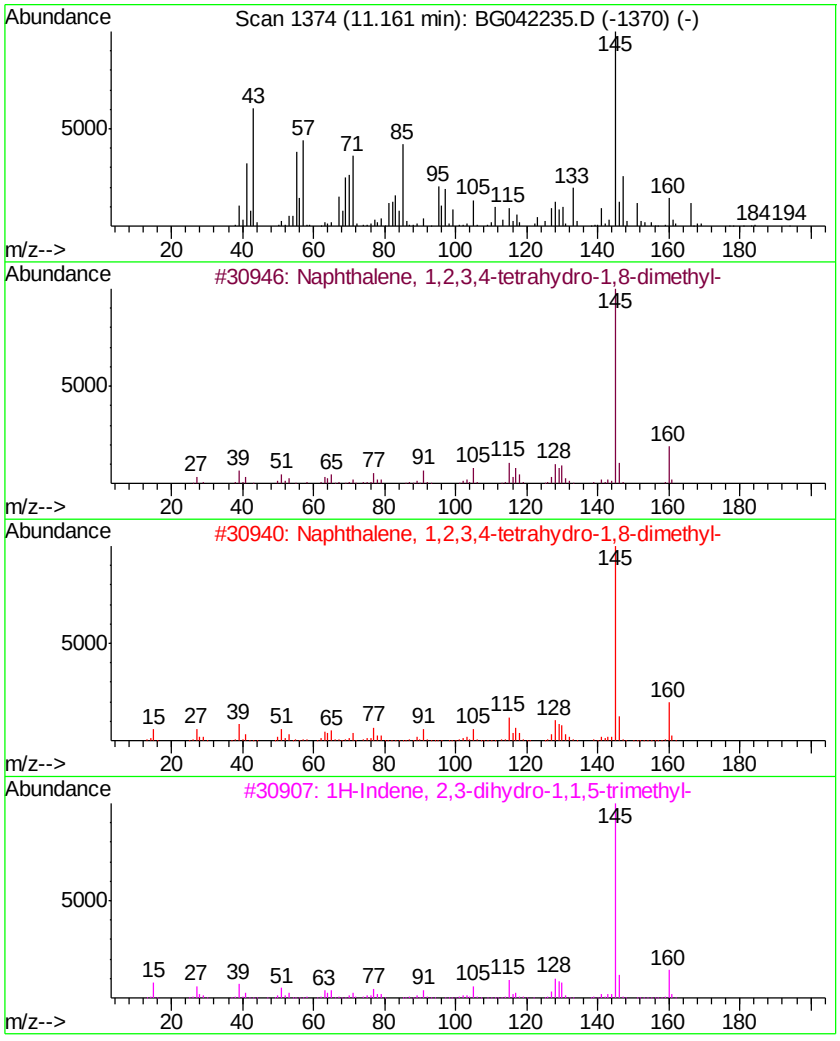
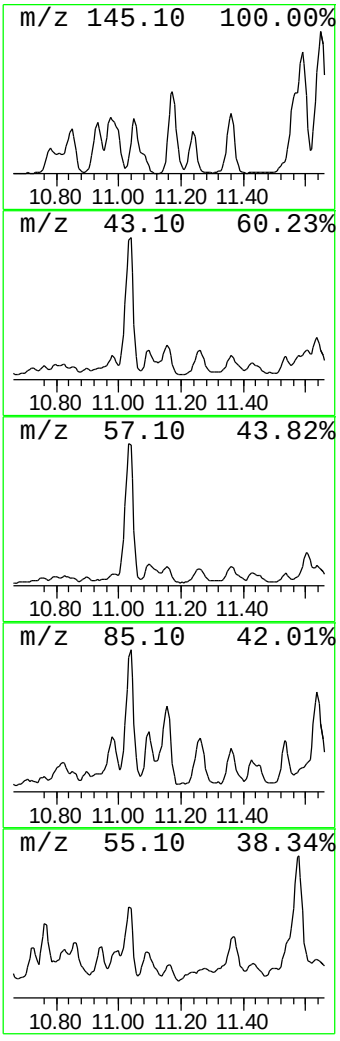
Peak Number 24 unknown-03 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.39 ng/ul	1182710	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	42
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
4	2-Chloro-4-fluoroaniline	145	C6H5ClFN	002106-02-7	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	38





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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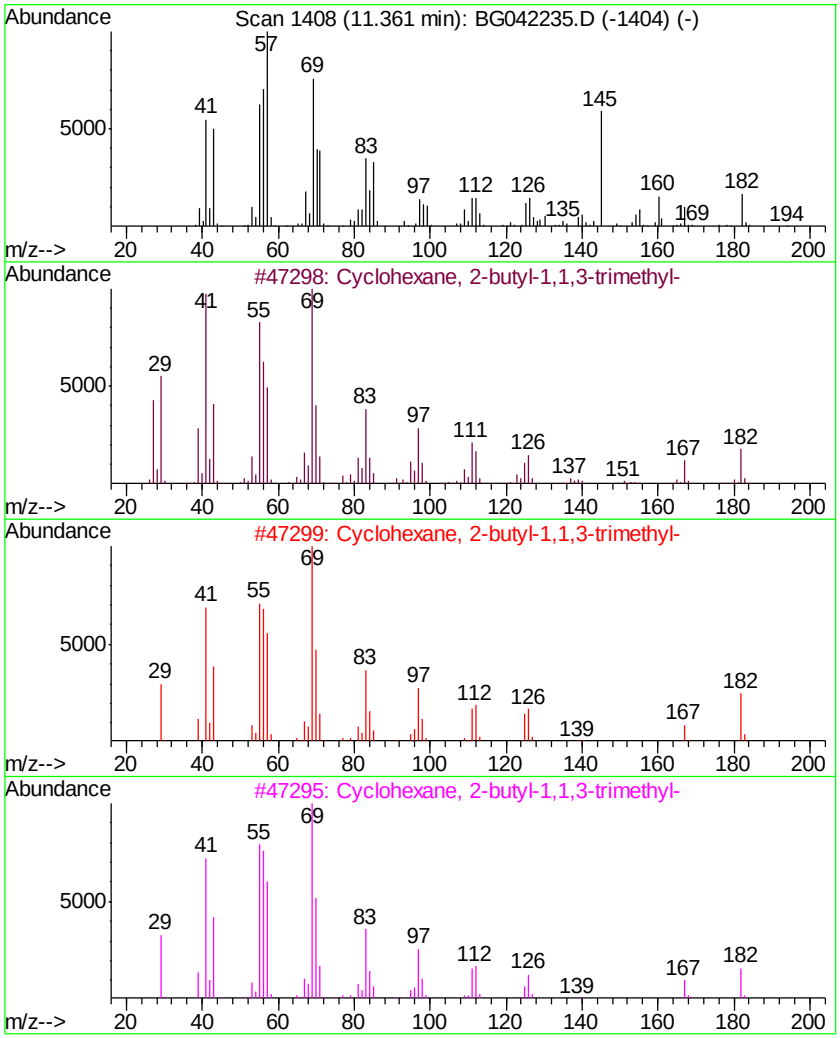
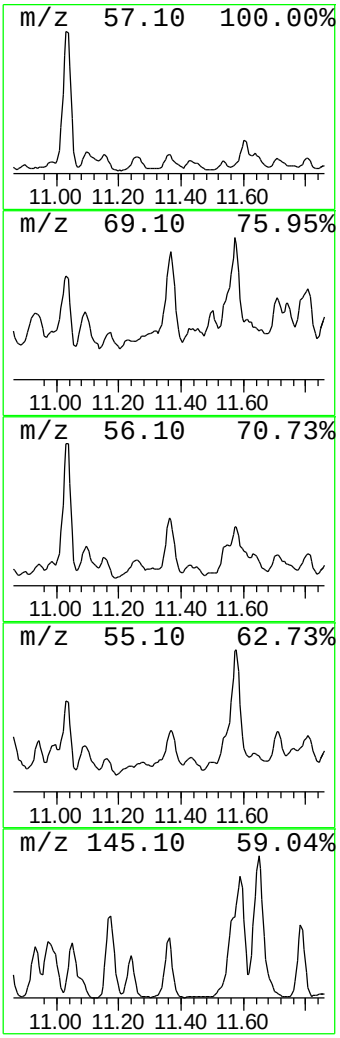
Peak Number 25 (DEL) Alkane: Cyclic11.36 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.48 ng/ul	1475900	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	64
4	1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	58
5	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	53





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Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

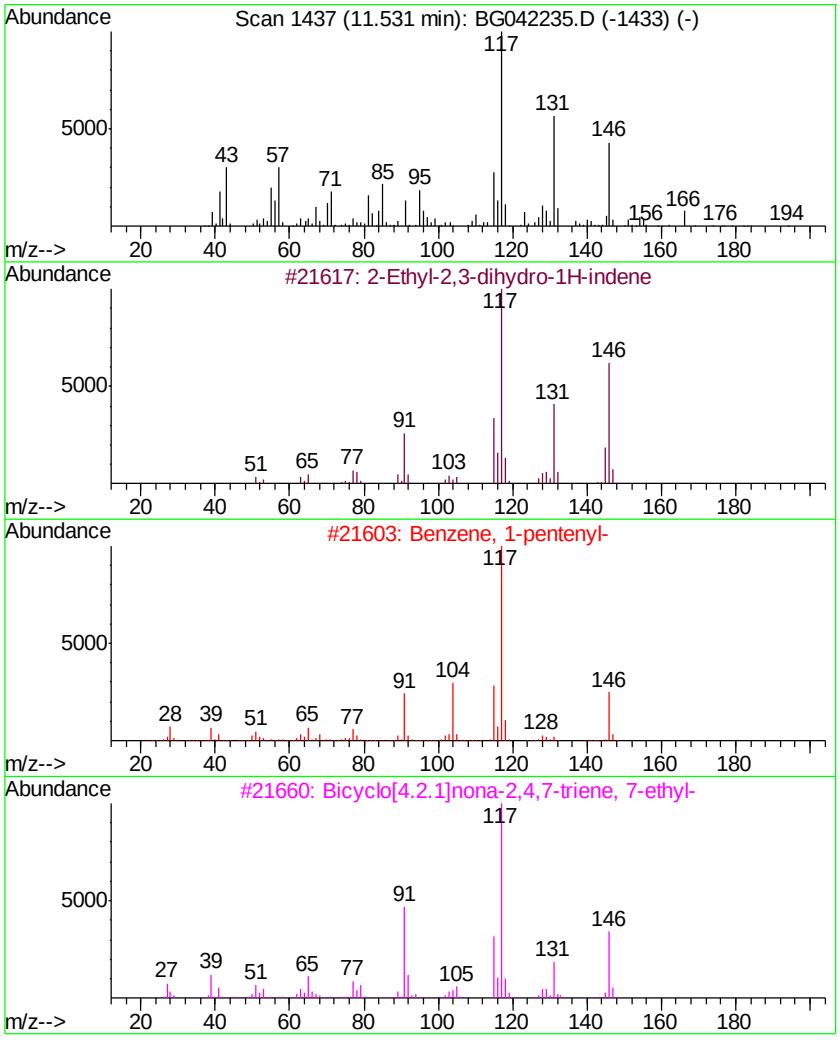
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

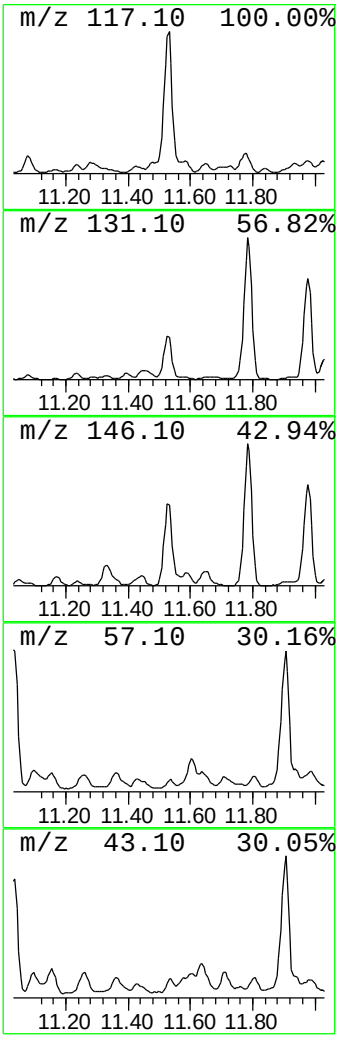
****

Peak Number 26 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	7.30 ng/ul	1968380	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	64
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	50
3	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	49
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	43
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	43





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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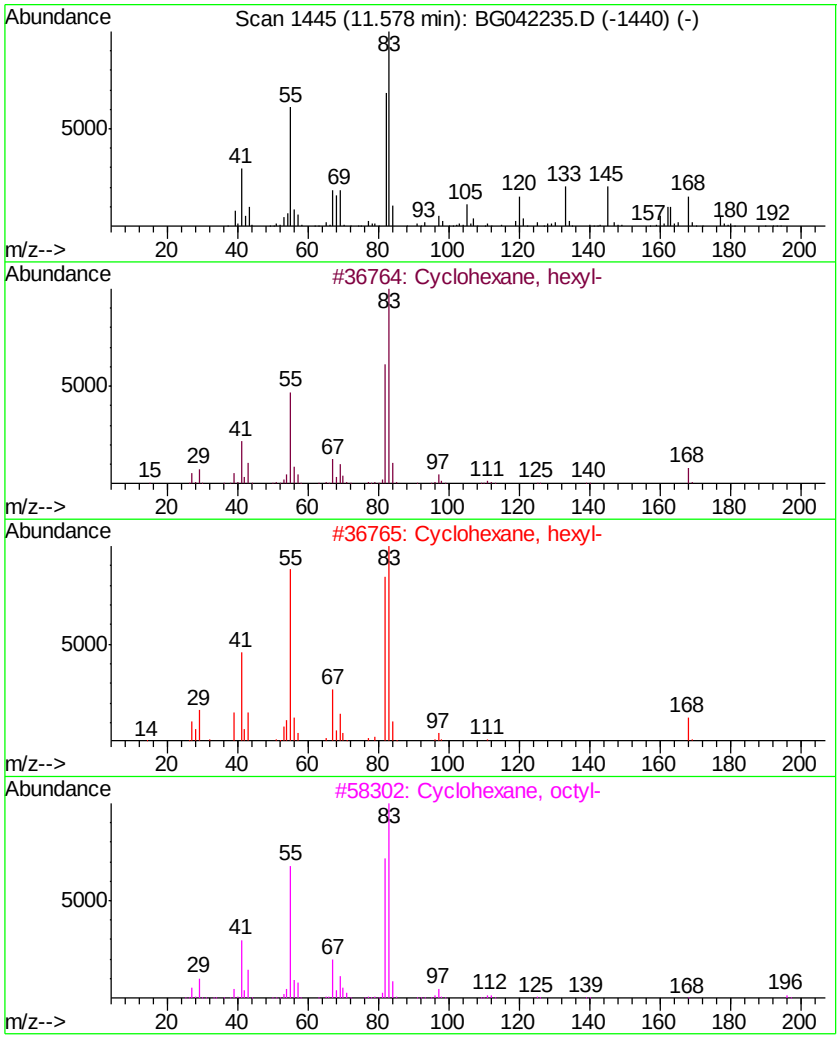
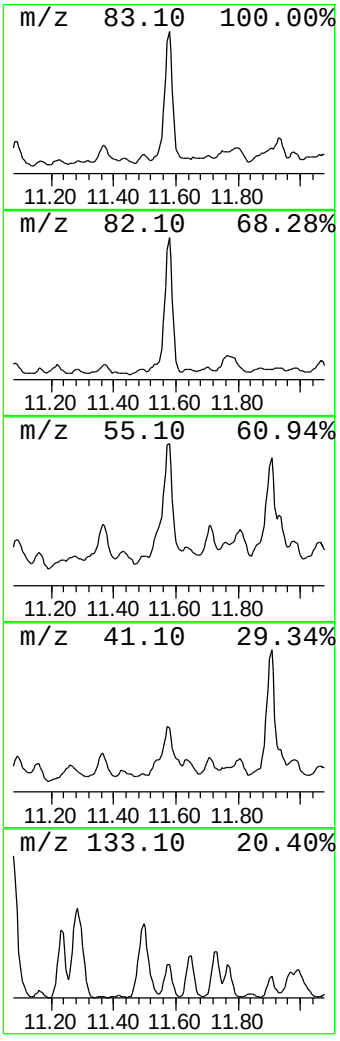
Peak Number 27 (DEL) Alkane: Cyclic11.58 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	15.72 ng/ul	4236780	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	49
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	47





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Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

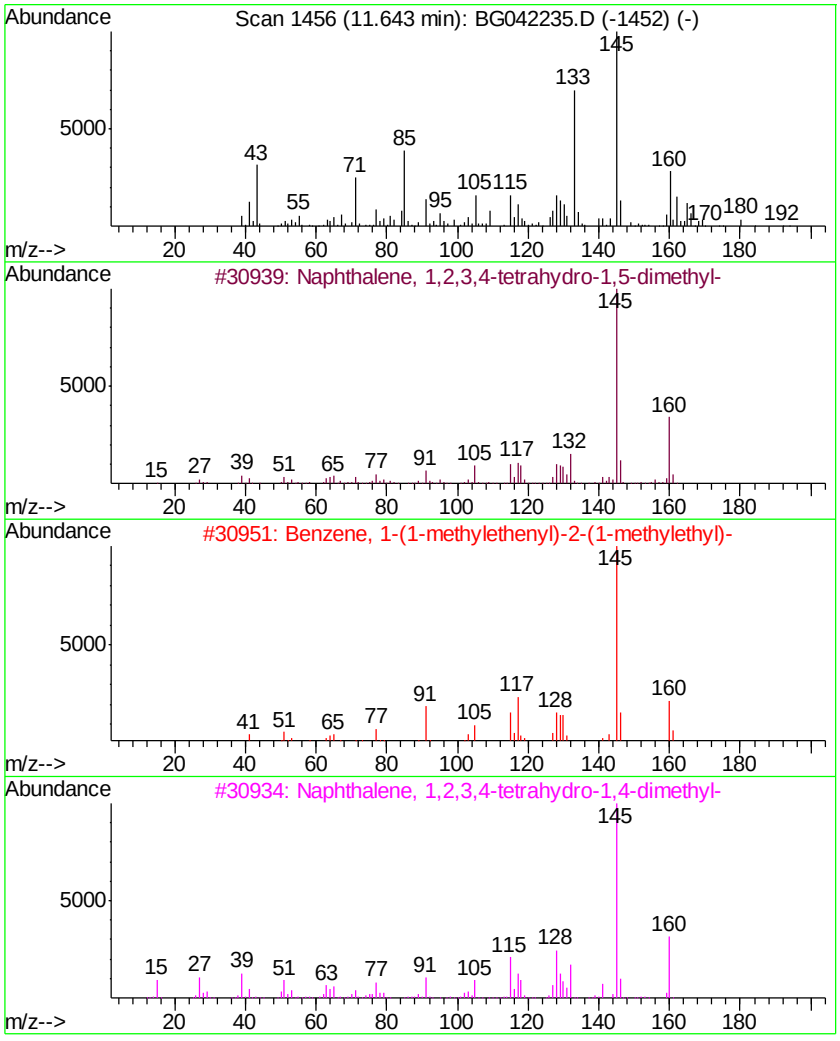
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

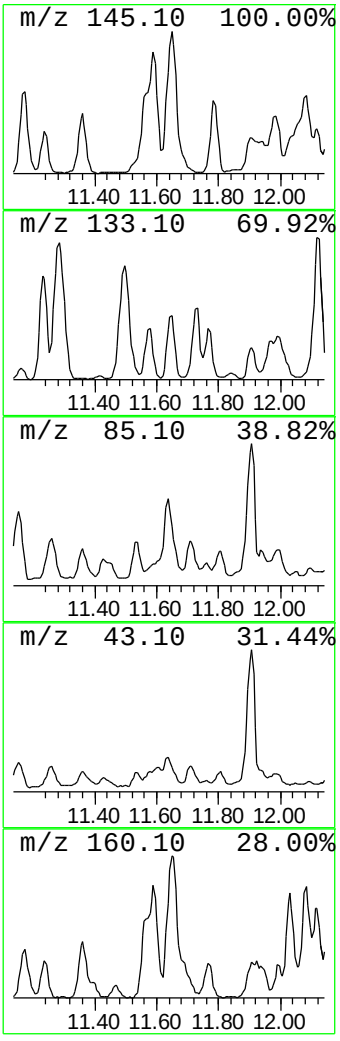
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	5.00 ng/ul	1346650	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	55





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

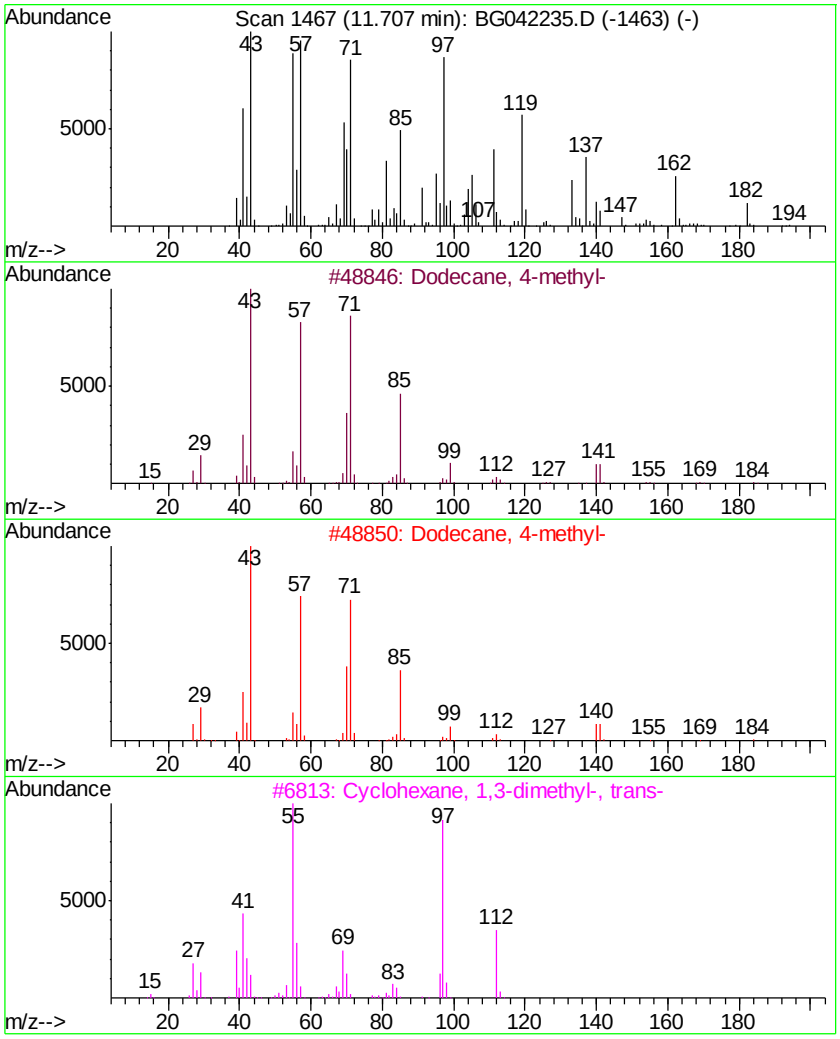
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

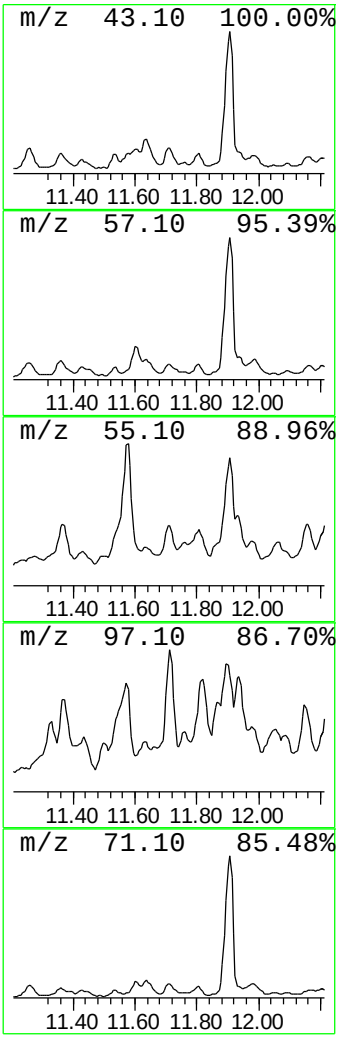
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.41 ng/ul	1189290	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	42
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	25
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	25
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	20





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

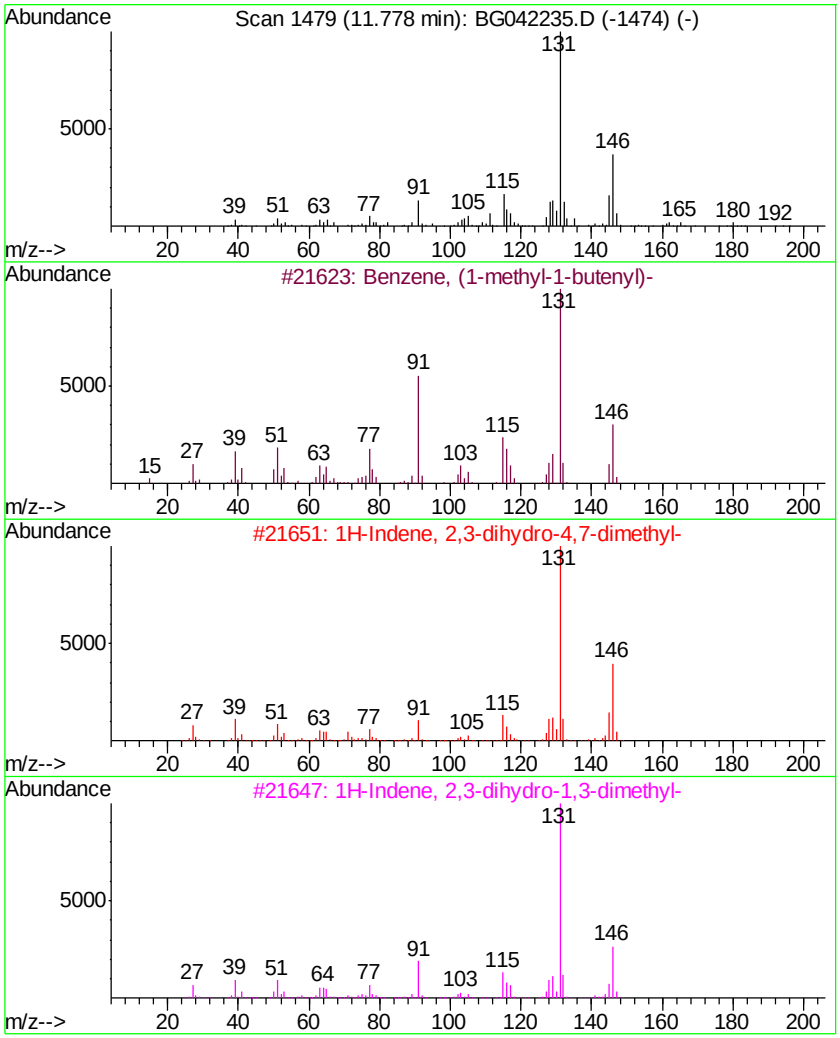
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

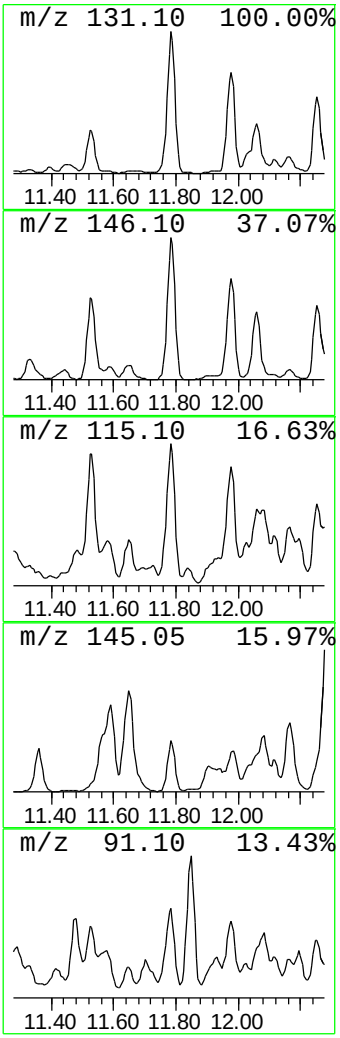
****

Peak Number 30 Benzene, (1-methyl-1-butenyl)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	10.67 ng/ul	2876130	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

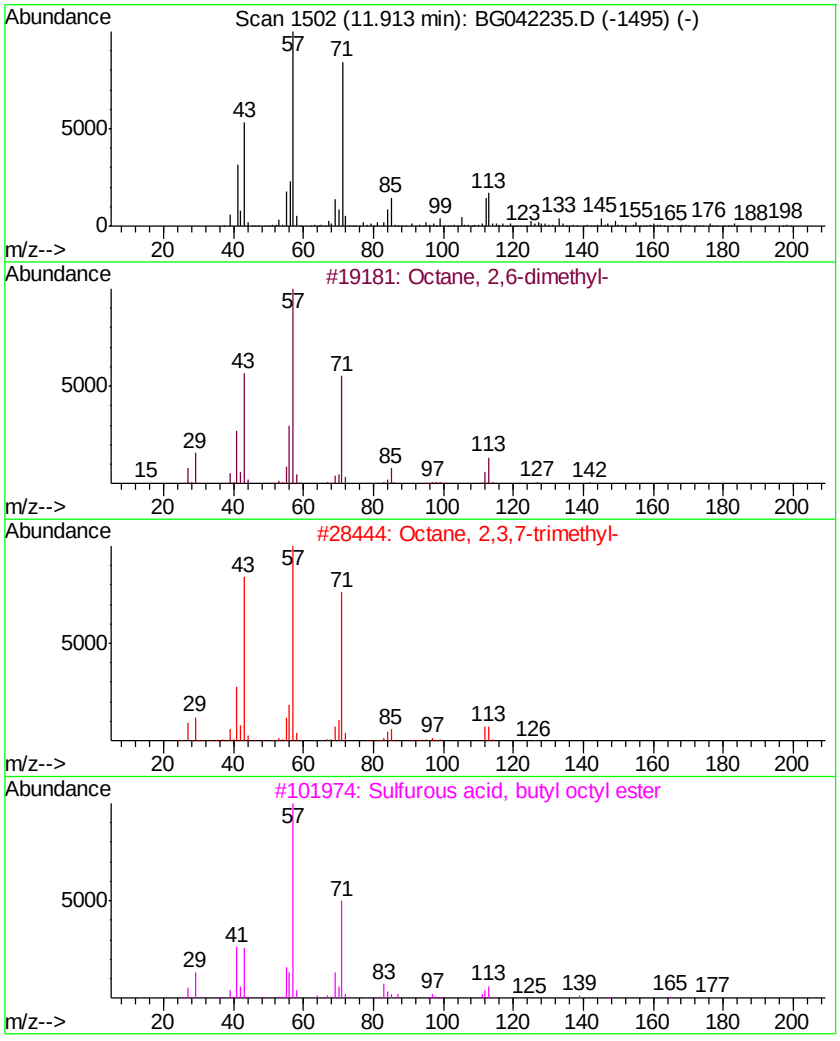
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

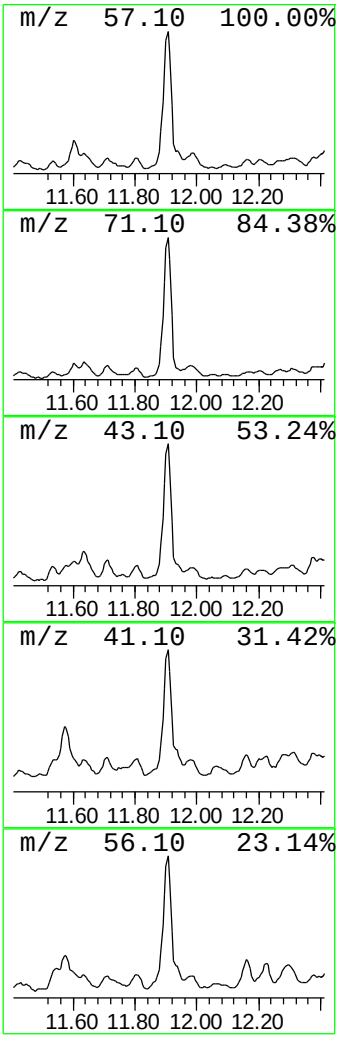
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	26.14 ng/ul	7045510	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72





Library Search Compound Report

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Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

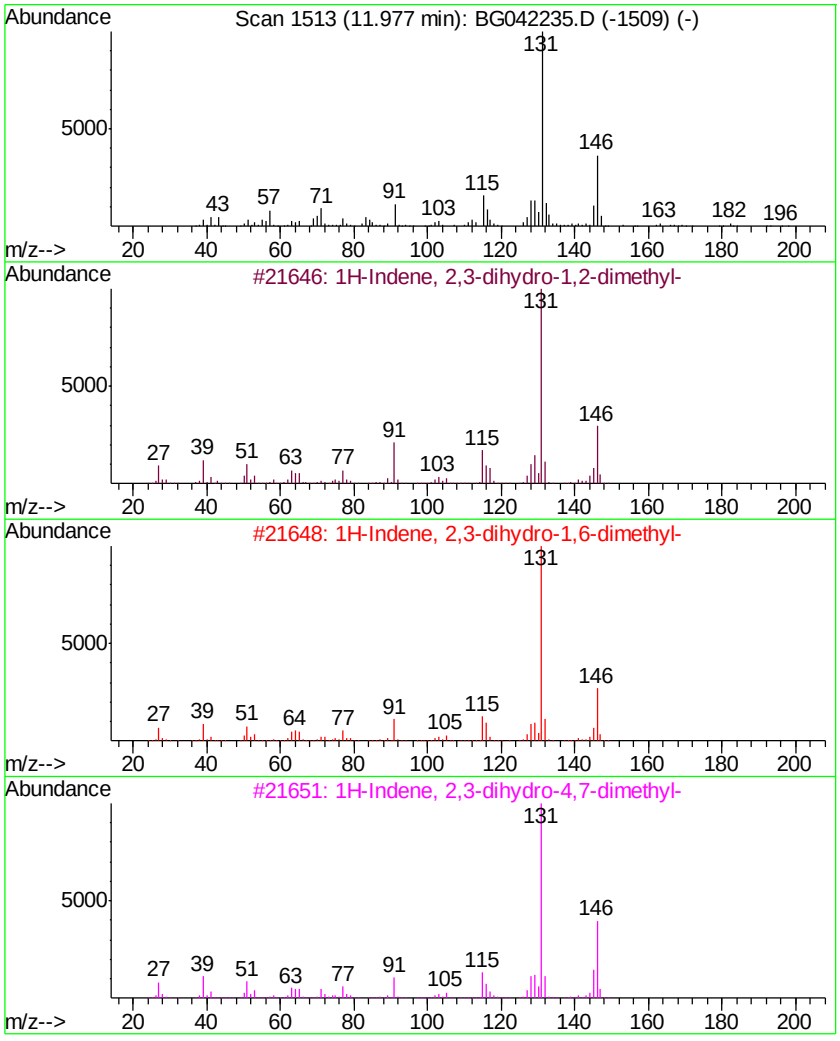
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

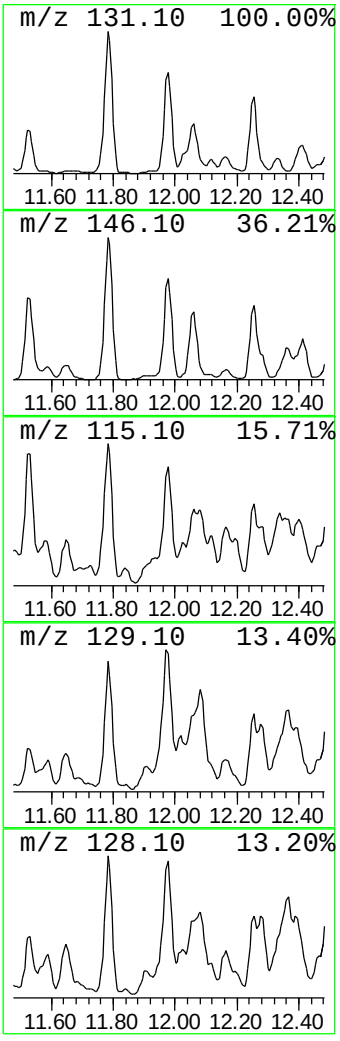
****

Peak Number 32 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	8.79 ng/ul	2368260	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

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Quant Title : SVOA CALIBRATION

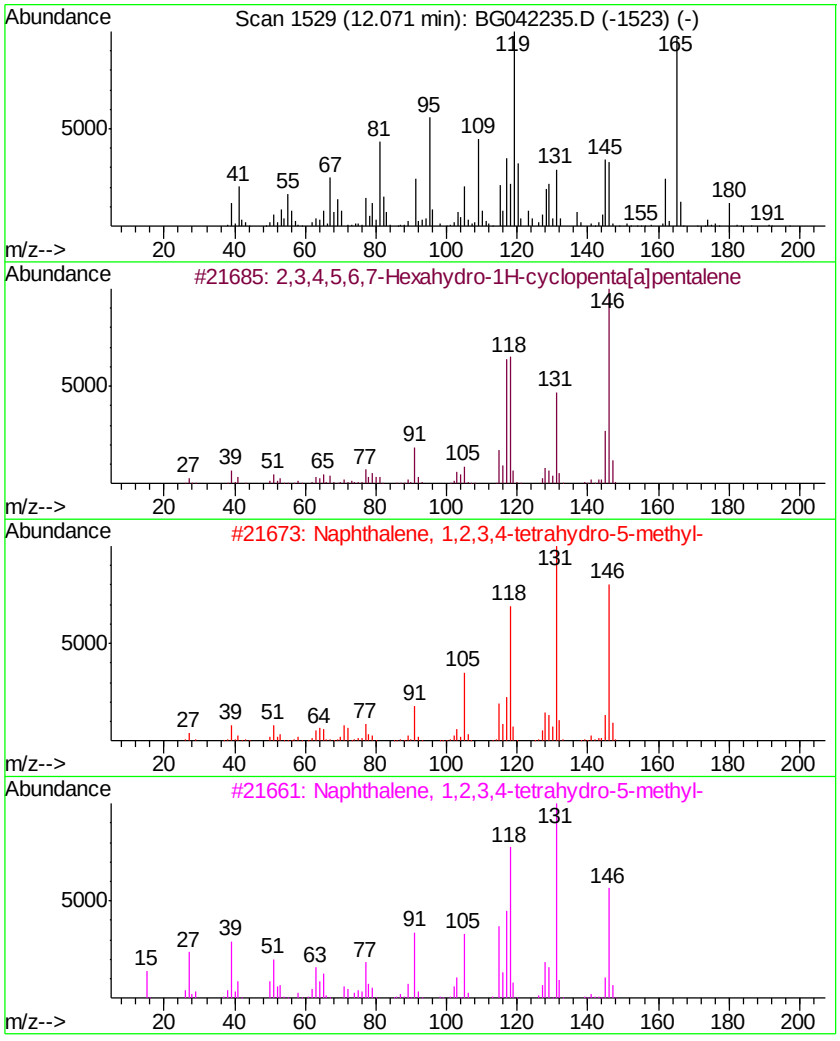
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

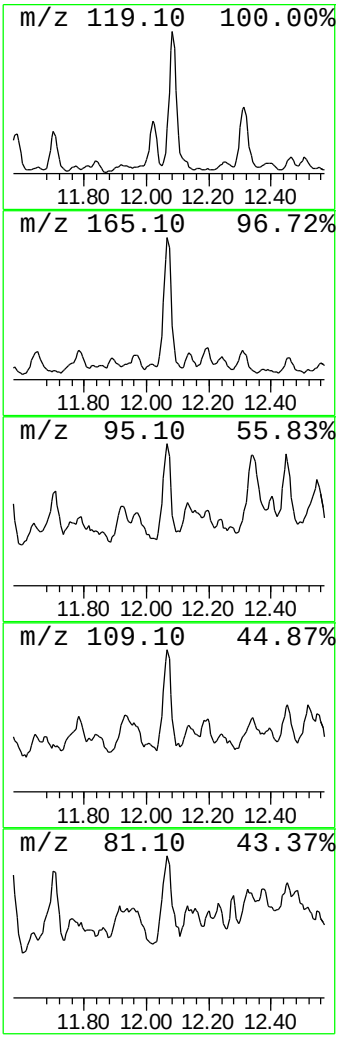
****

Peak Number 33 unknown-04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	7.96 ng/ul	2144640	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
5	1H-Indene-1,2-diol, 2,3-dihydro-...	164	C10H12O2	056588-29-5	30





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

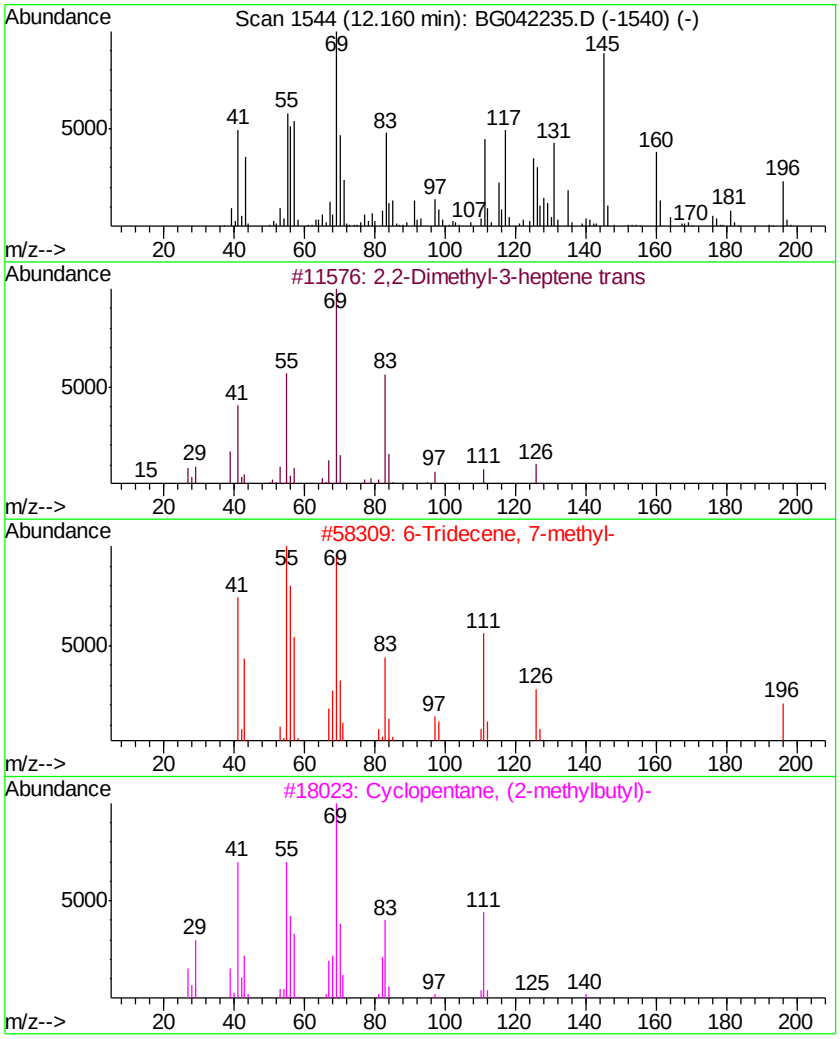
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

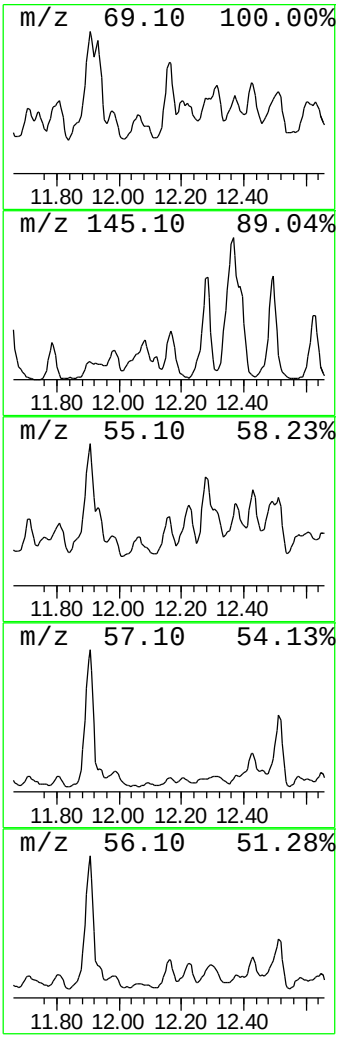
****

Peak Number 34 (DEL) Alkane: Cyclic12.16 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.64 ng/ul	1250710	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
2	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	30
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	25





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

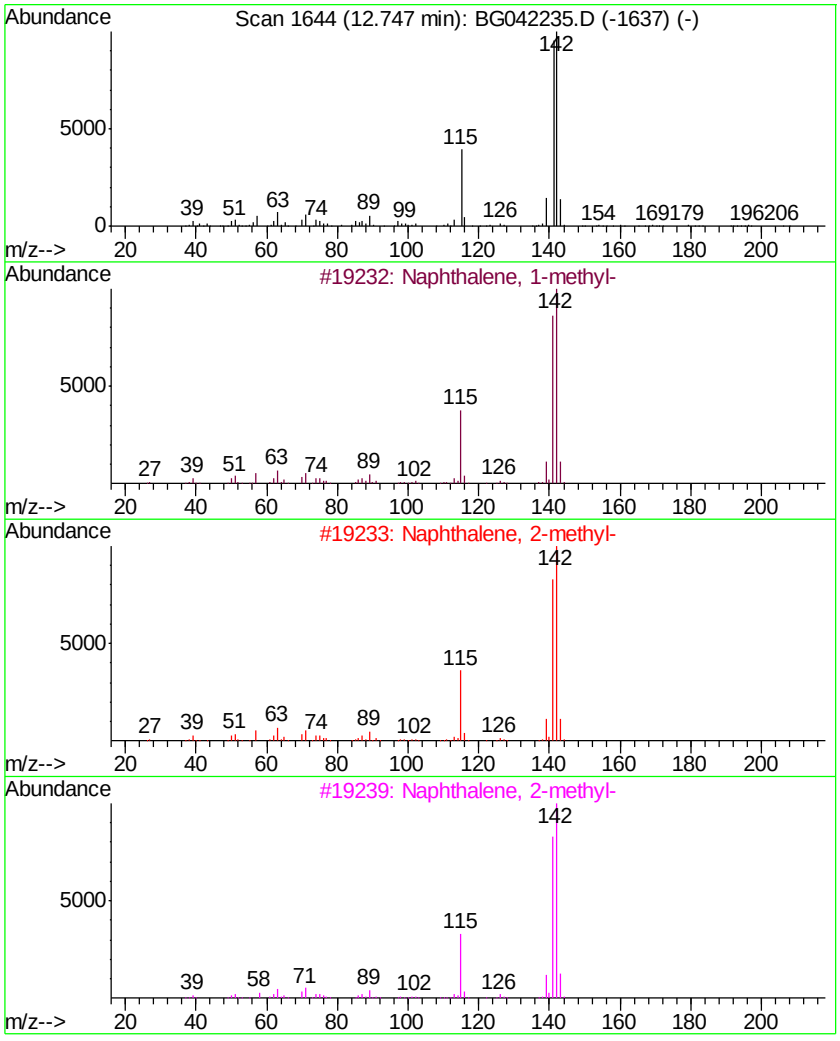
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

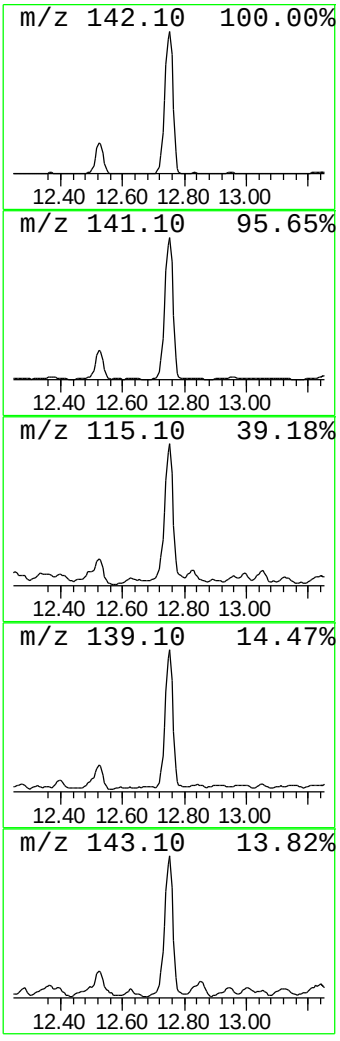
****

Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	26.21 ng/ul	7063240	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

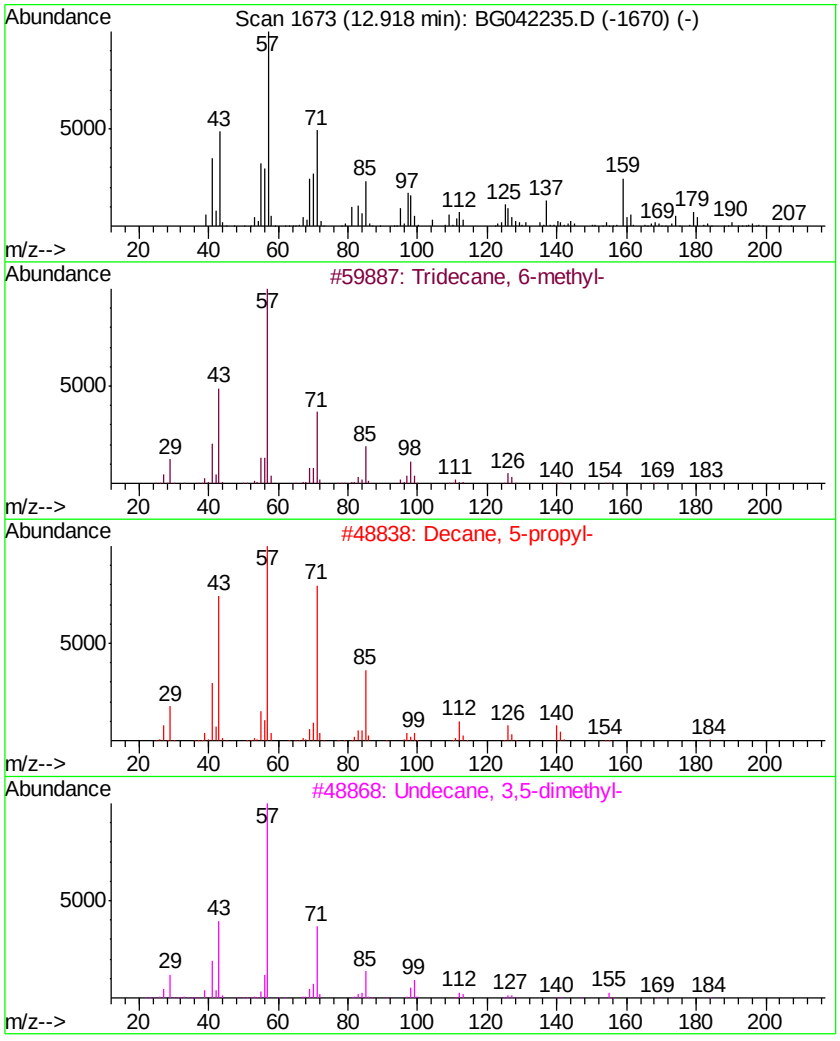
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

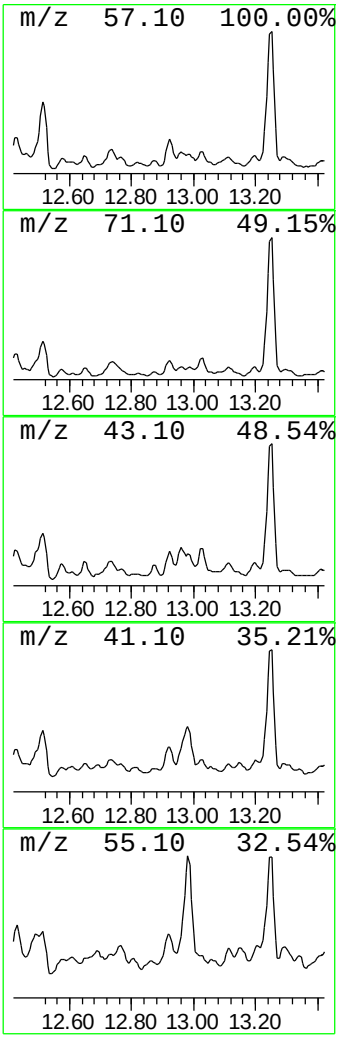
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	8.51 ng/ul	1057840	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
2	Decane, 5-propyl-	184	C13H28	017312-62-8	41
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	38
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	38





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

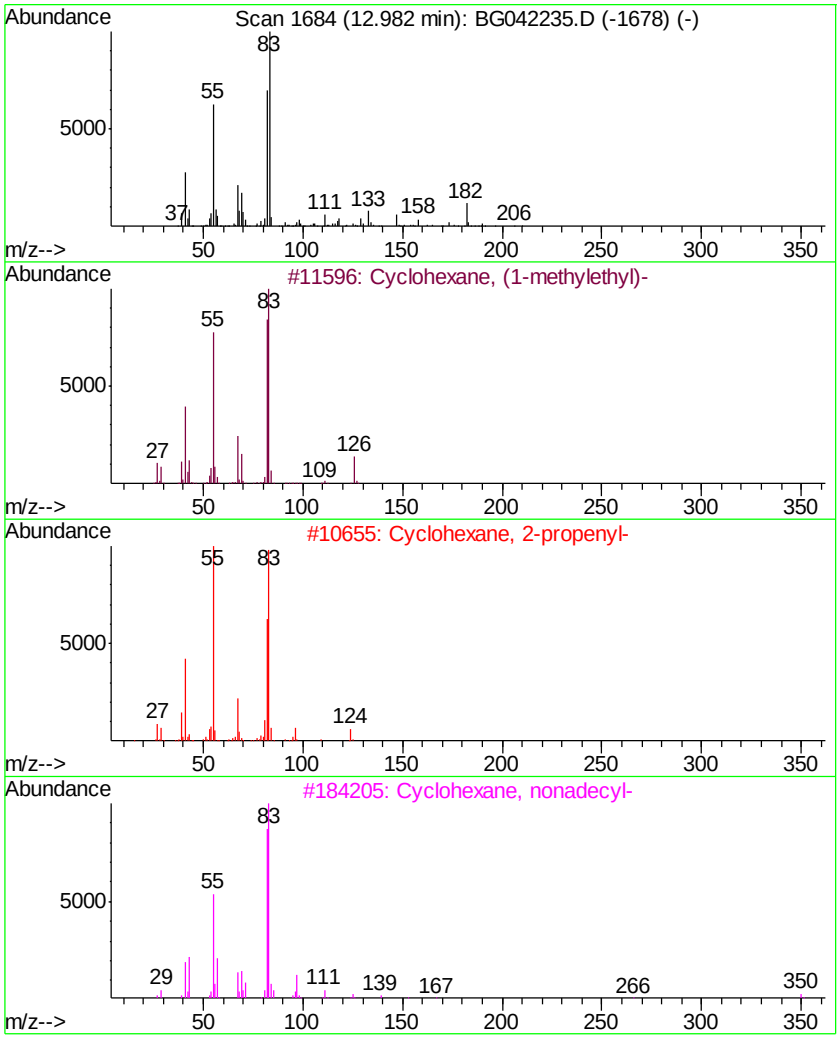
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

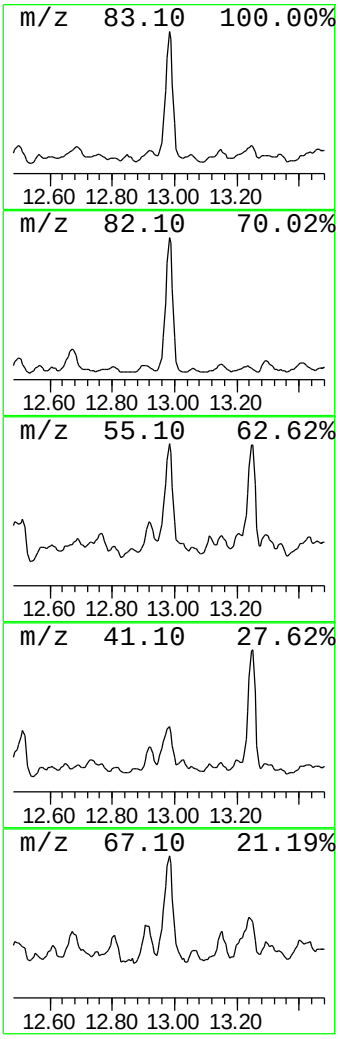
****

Peak Number 37 (DEL) Alkane: Cyclic12.98 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	24.44 ng/ul	3039070	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	59
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

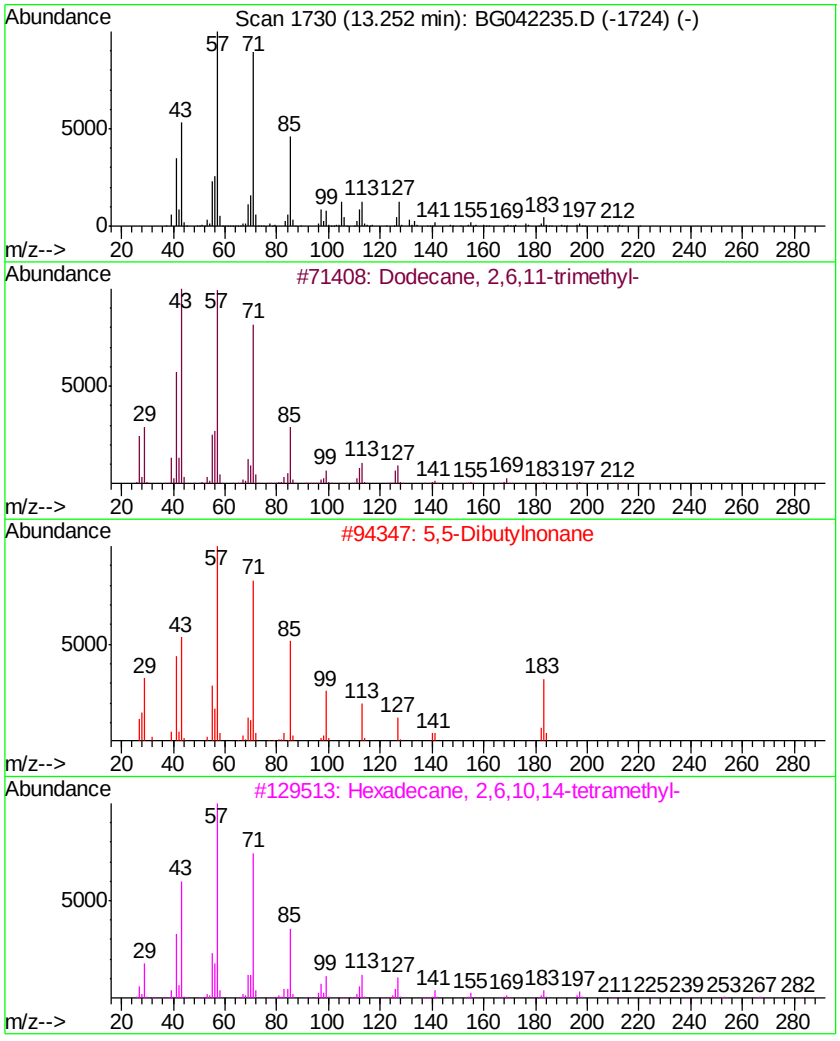
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

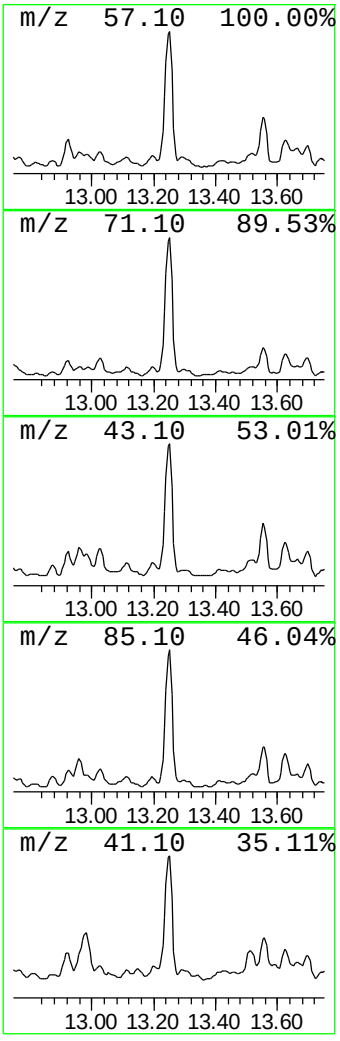
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	62.16 ng/ul	7728960	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
5	Dodecane	170	C12H26	000112-40-3	80





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Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

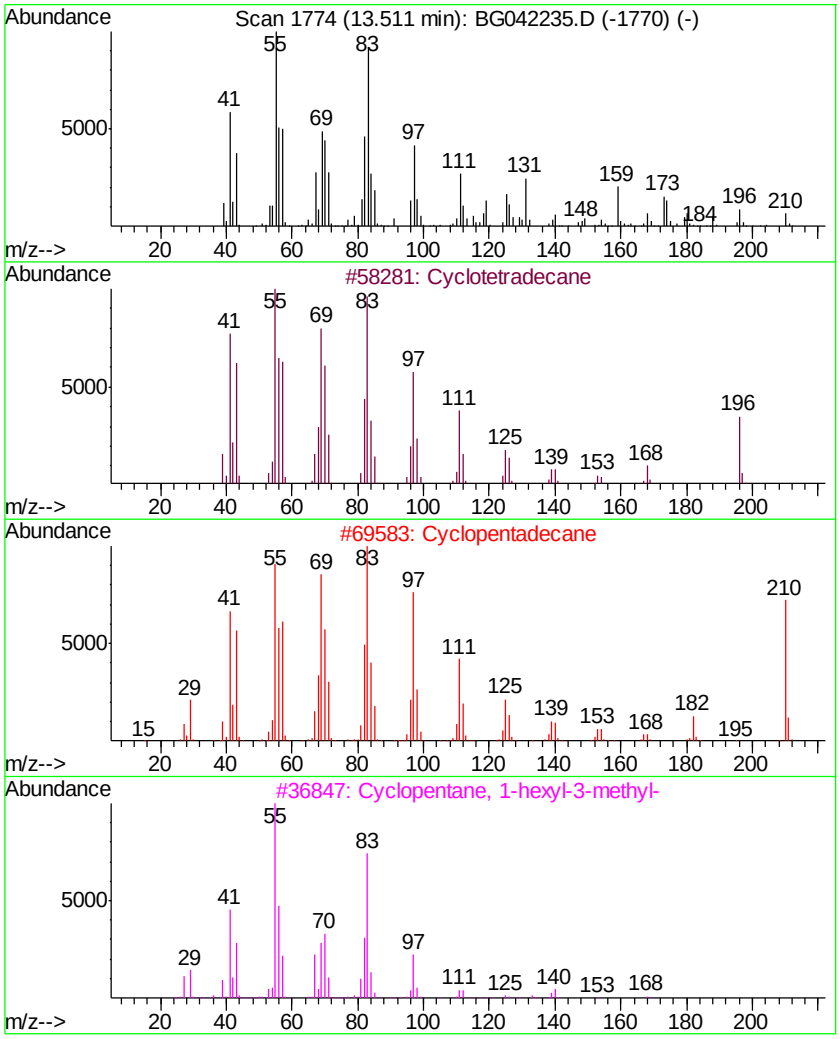
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

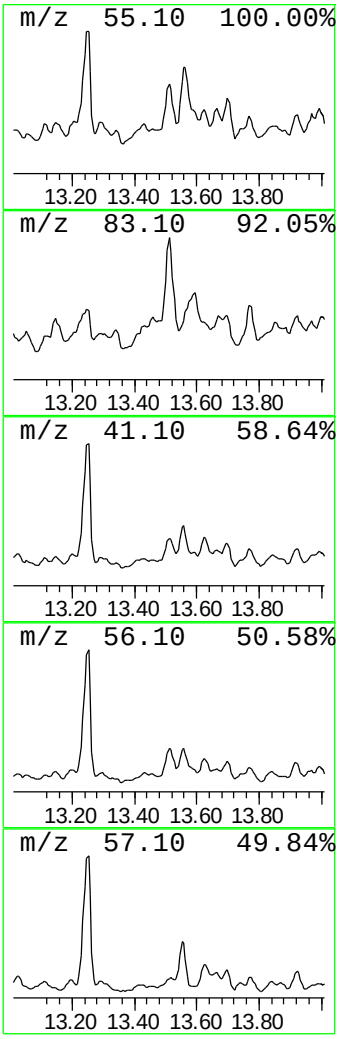
****

Peak Number 39 (DEL) Alkane: Cyclic13.51 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	13.12 ng/ul	1631820	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	89
4	Cyclotetradecane	196	C14H28	000295-17-0	83
5	4-Tetradecene, (E)-	196	C14H28	041446-78-0	78





Library Search Compound Report

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Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

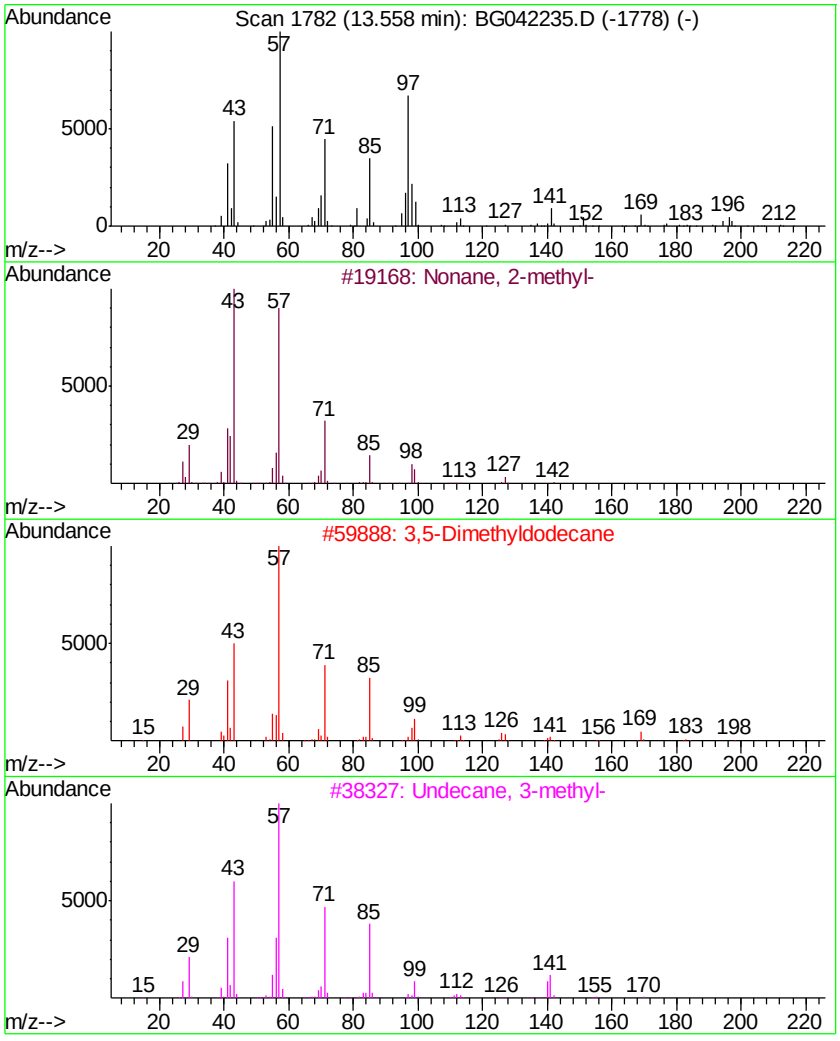
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

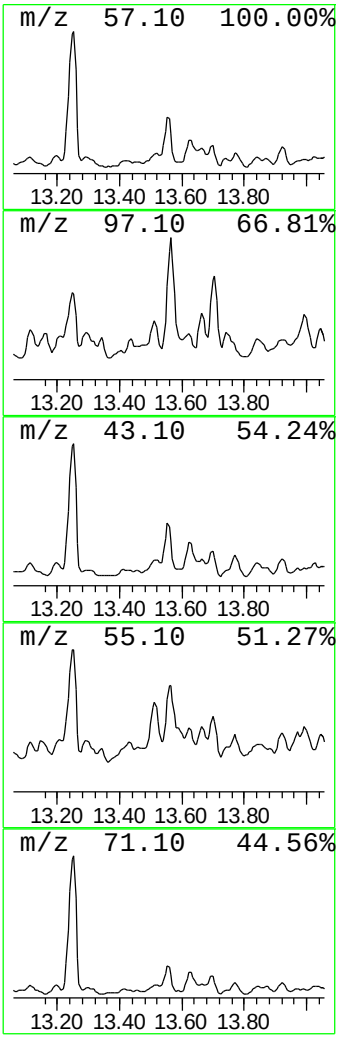
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	13.98 ng/ul	1738680	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	60
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	60
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	46
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
5	Decane	142	C10H22	000124-18-5	45





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

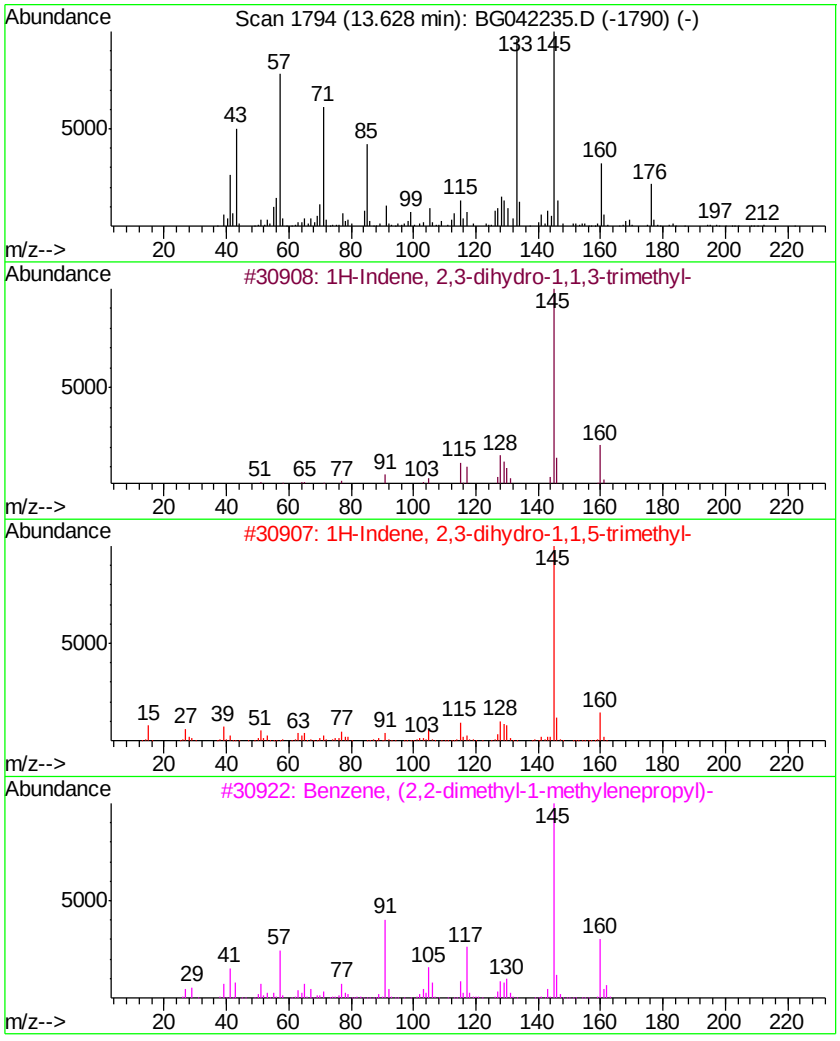
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

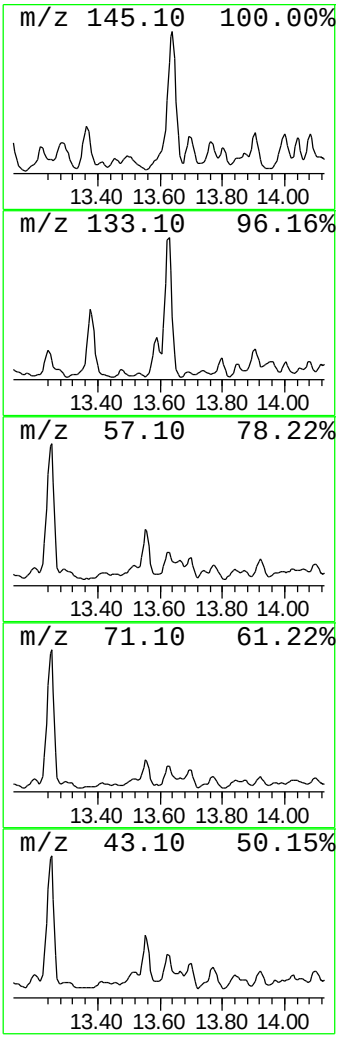
****

Peak Number 41 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	19.22 ng/ul	2389960	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

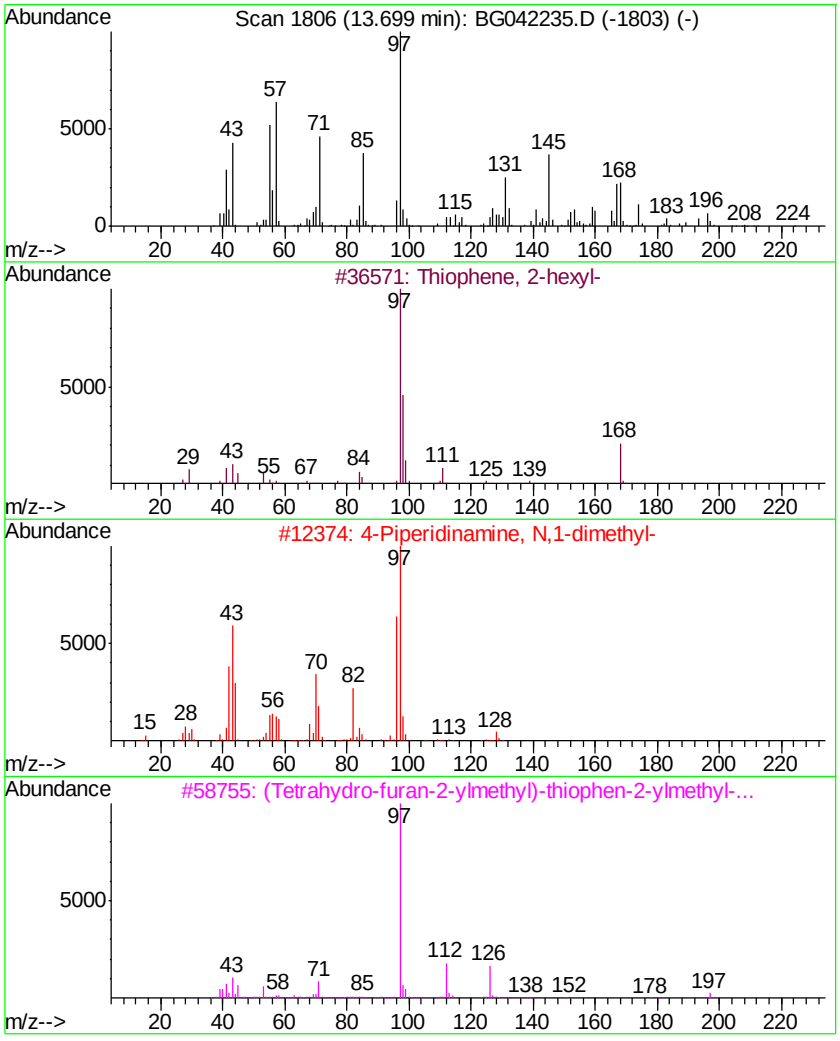
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

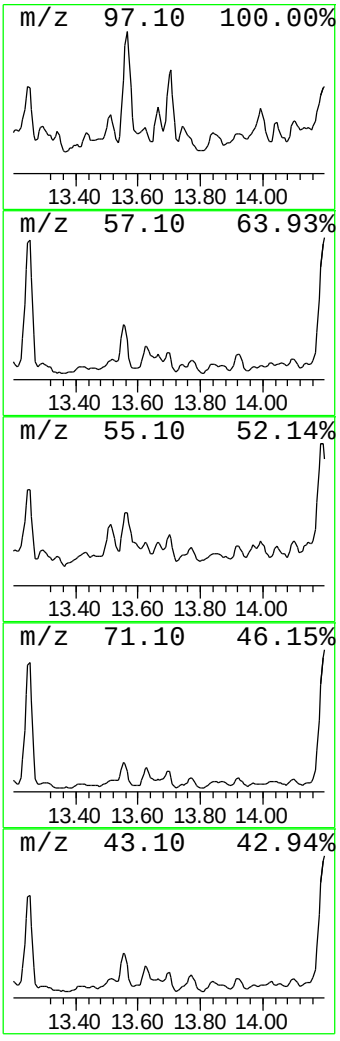
****

Peak Number 42 unknown-06 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	7.80 ng/ul	969350	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	27
2	4-Piperidinamine, N,1-dimethyl-	128	C7H16N2	073579-08-5	22
3	(Tetrahydro-furan-2-ylmethyl)-th...	197	C10H15NOS	1000300-74-1	22
4	2-Thiopheneacetic acid	142	C6H6O2S	001918-77-0	18
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	18





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

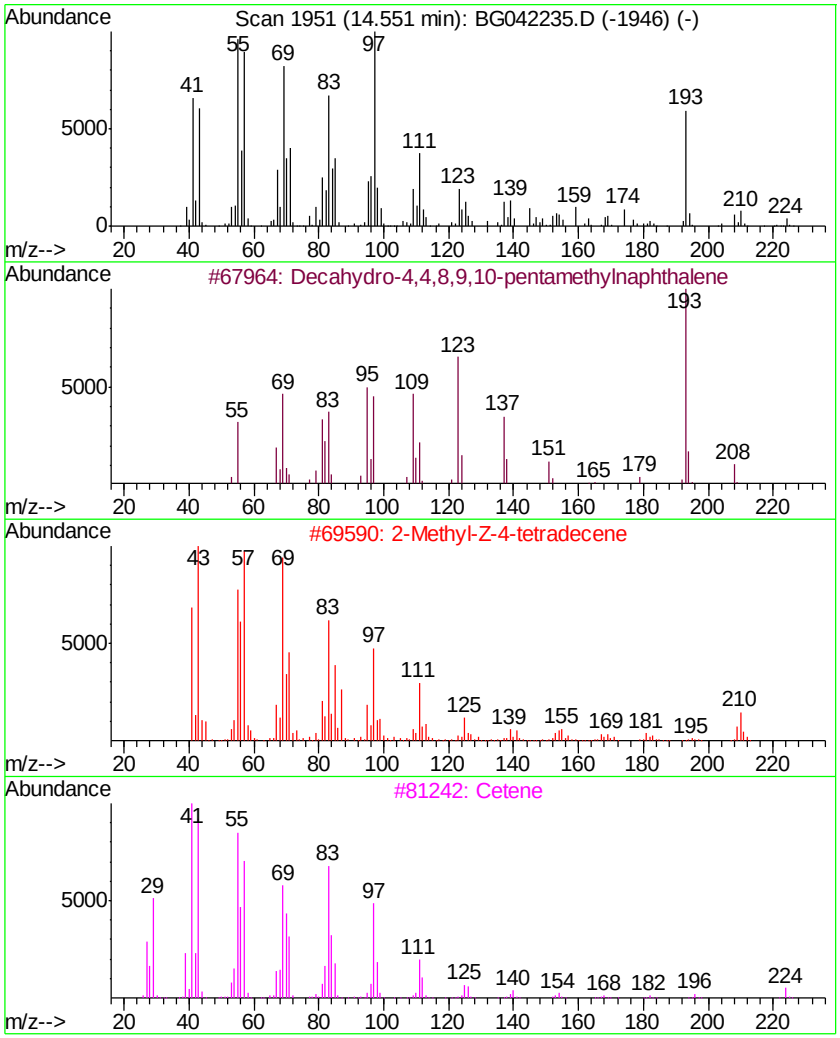
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

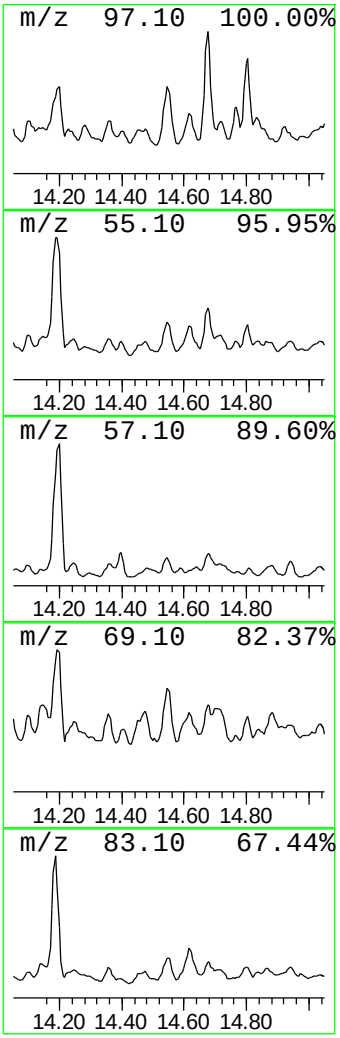
****

Peak Number 45 unknown-07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	15.62 ng/ul	1942500	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	25
2	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	25
3	Cetene	224	C16H32	000629-73-2	25
4	Cetene	224	C16H32	000629-73-2	25
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	18





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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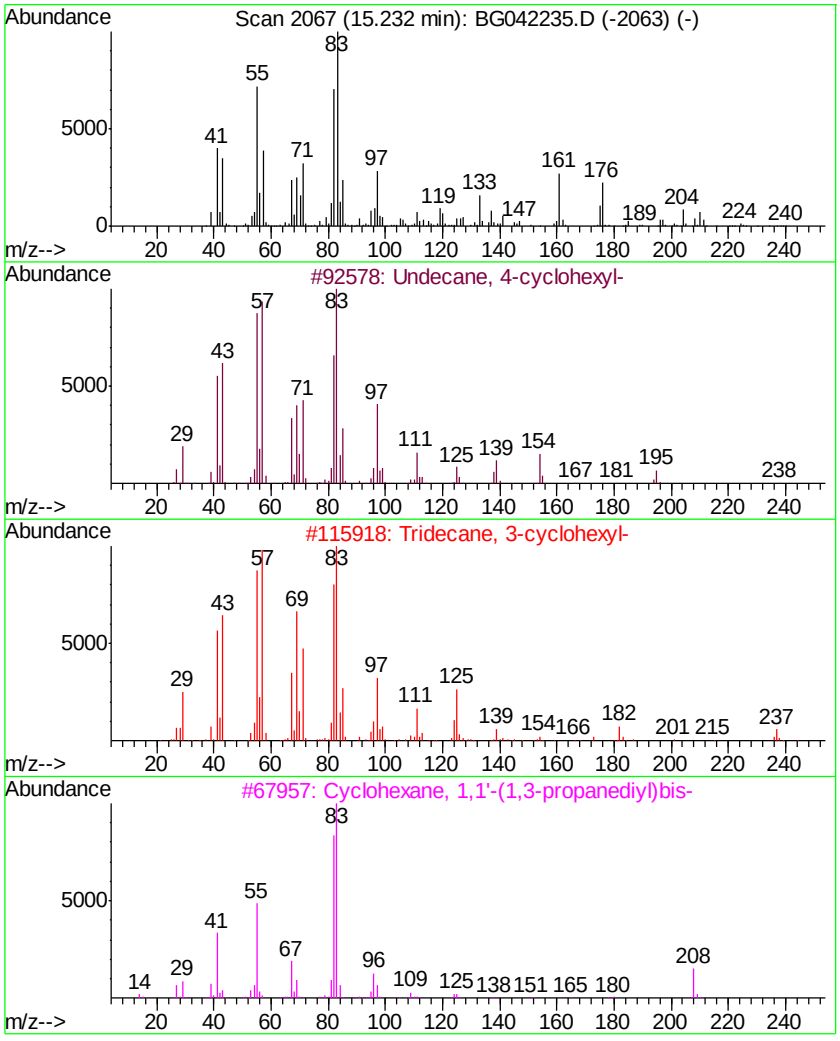
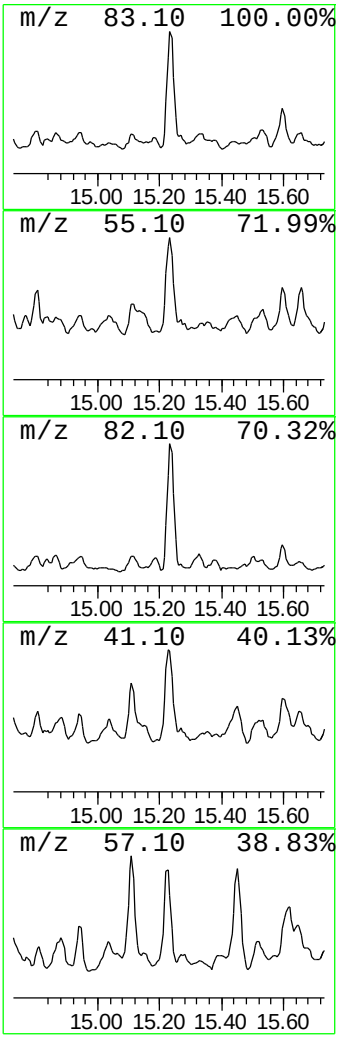
Peak Number 48 (DEL) Alkane: Cyclic15.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	35.96 ng/ul	4471310	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	58
2	Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	58
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	55
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	55
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	55





Library Search Compound Report

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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

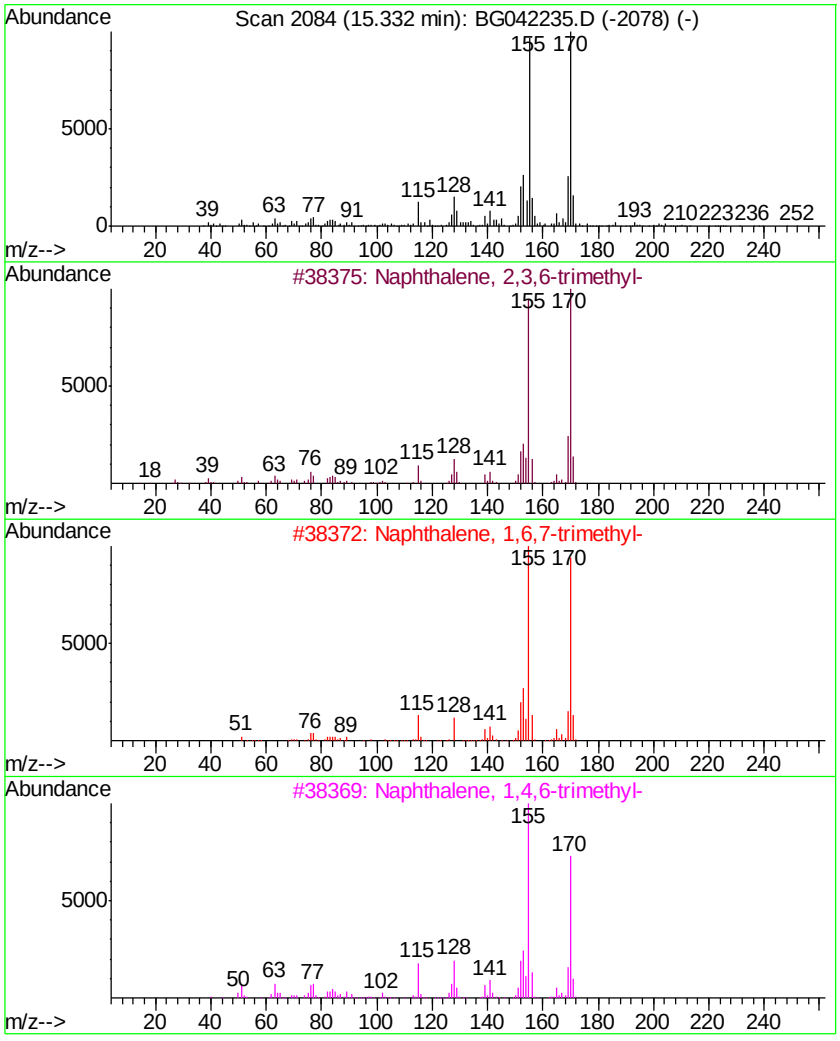
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

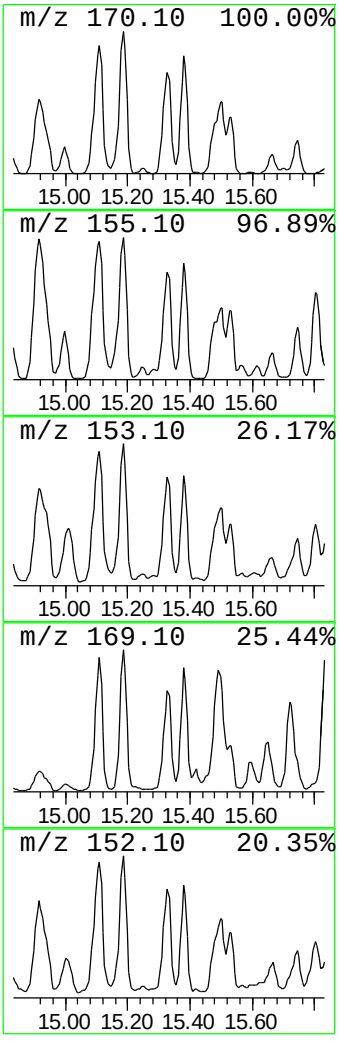
****

Peak Number 49 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	43.62 ng/ul	5423970	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





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Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

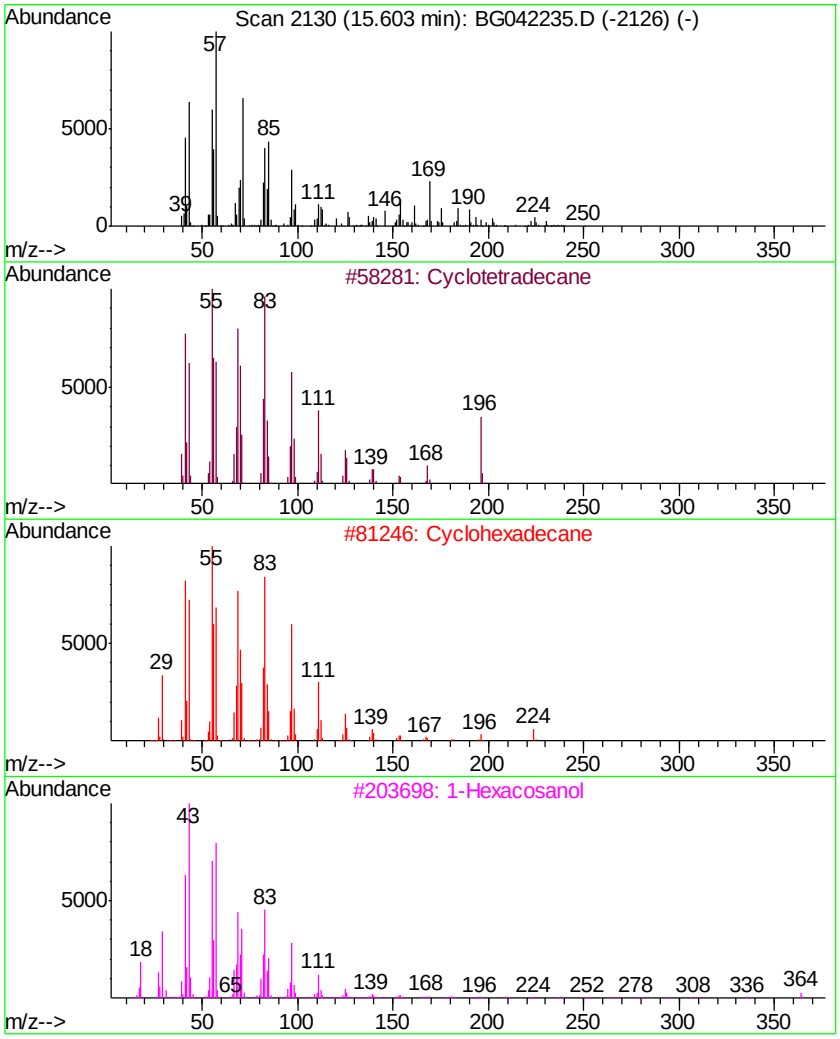
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

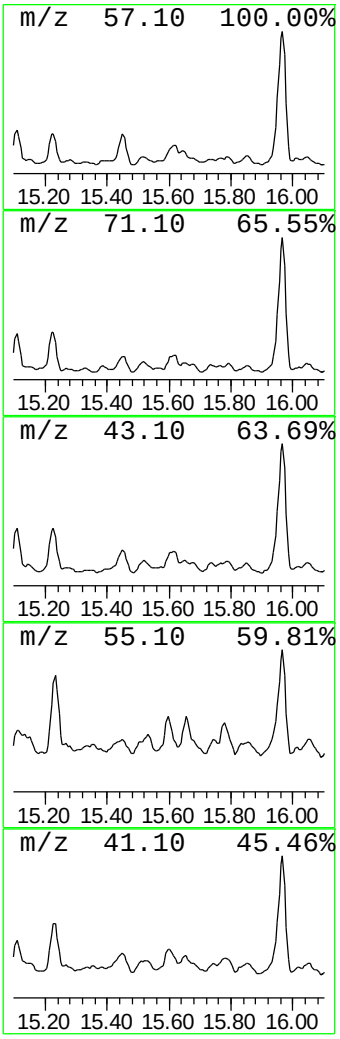
****

Peak Number 52 (DEL) Alkane: Cyclic15.60 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	11.63 ng/ul	1445950	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	78
2	Cyclohexadecane	224	C16H32	000295-65-8	64
3	1-Hexacosanol	382	C26H54O	000506-52-5	62
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	58
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	53





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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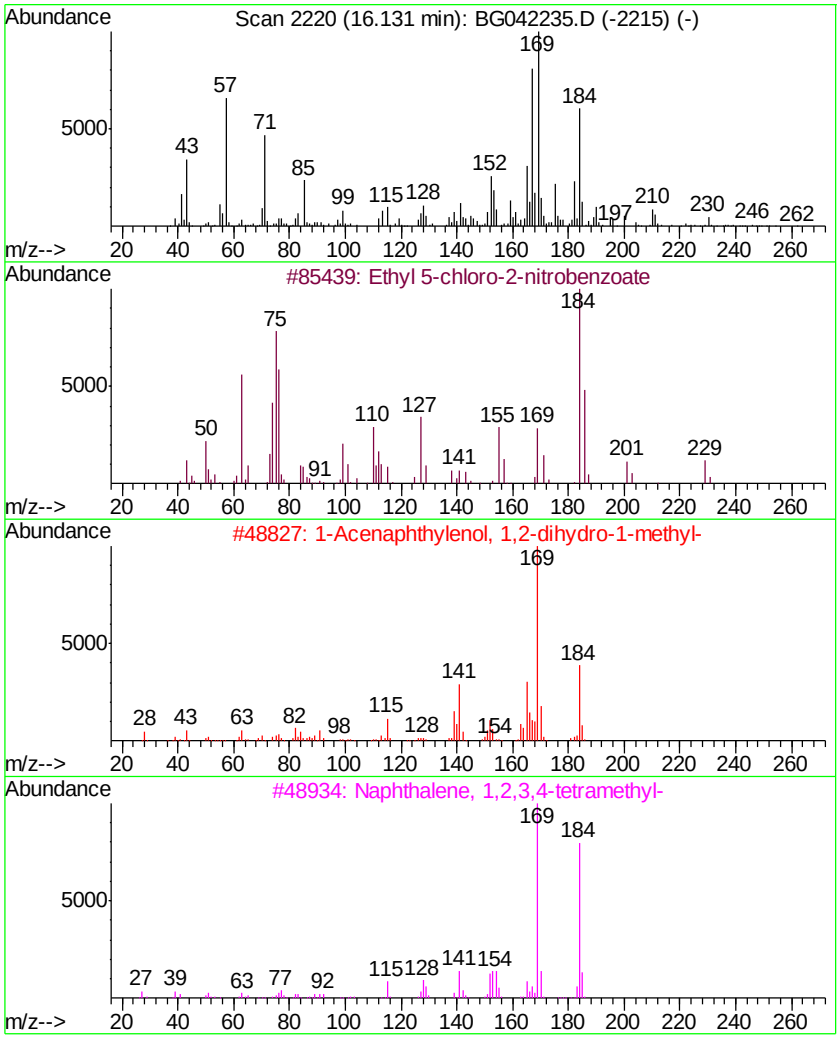
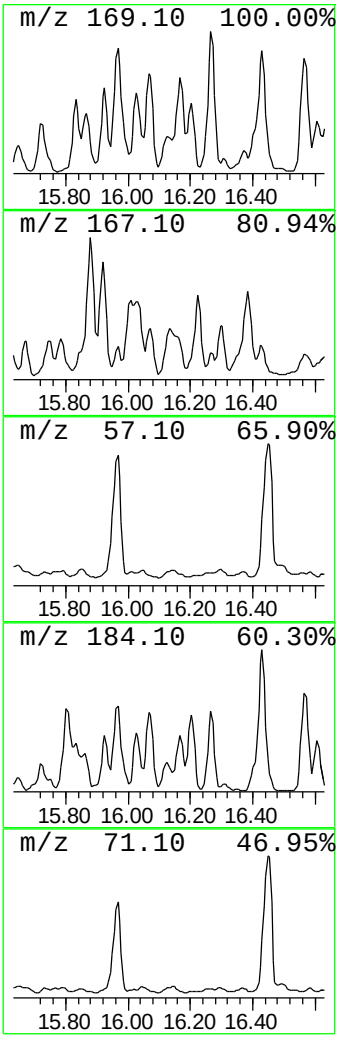
Peak Number 53 Ethyl 5-chloro-2-nitrobenzoate Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	18.85 ng/ul	1347510	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 5-chloro-2-nitrobenzoate	229	C9H8ClNO4	051282-56-5	90
2	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	70
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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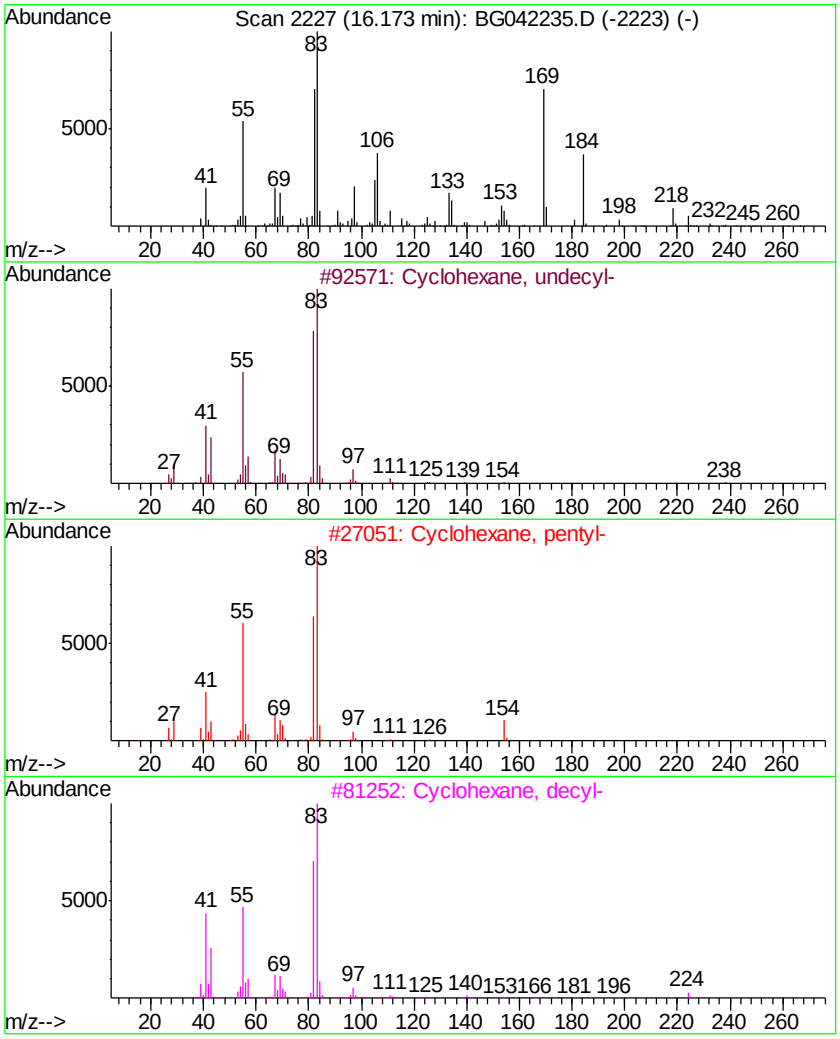
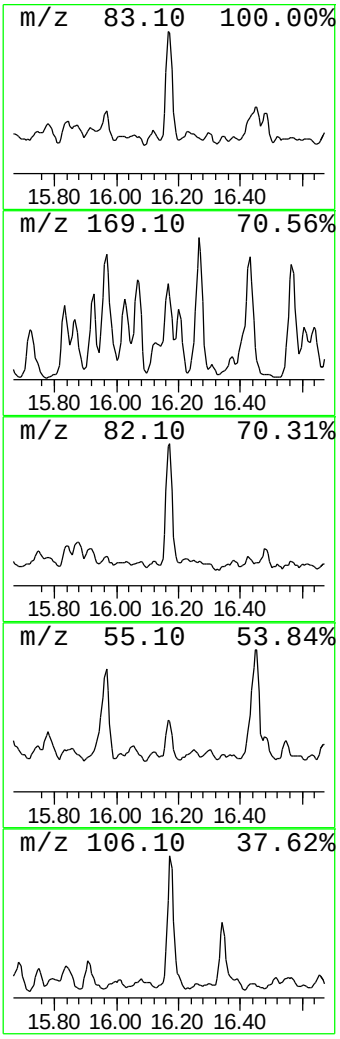
Peak Number 54 (DEL) Alkane: Cyclic16.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	23.70 ng/ul	1693950	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	42
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	38
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	38





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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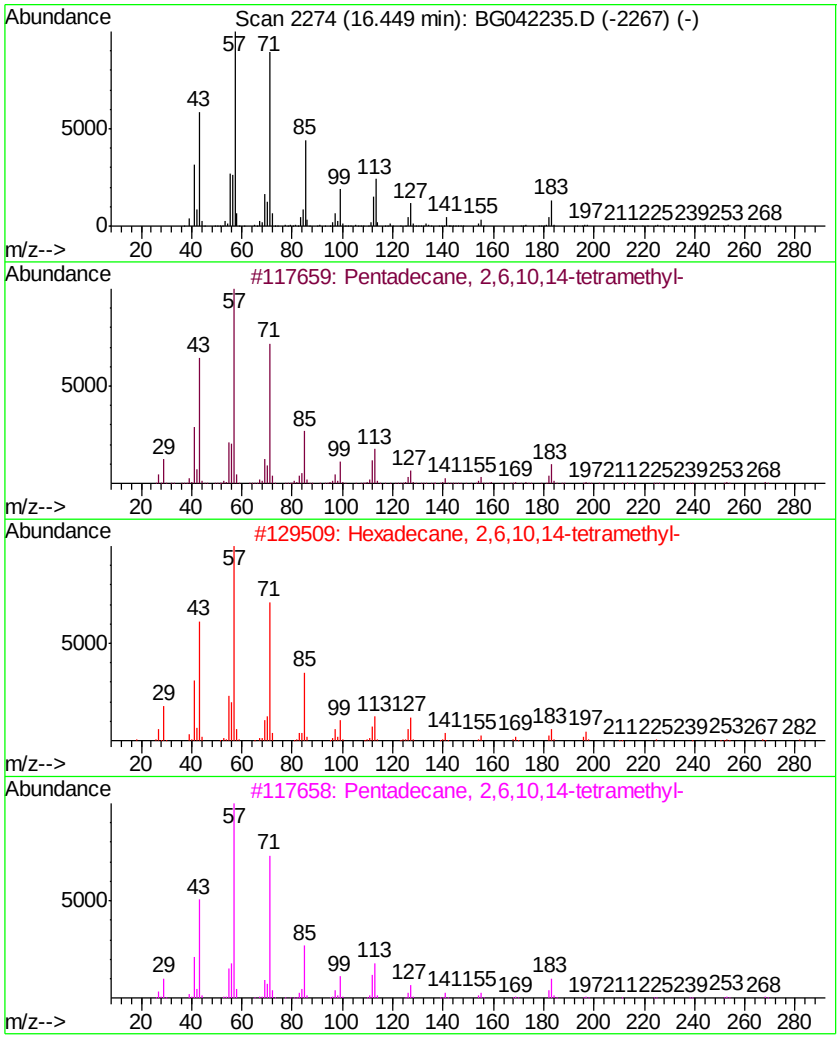
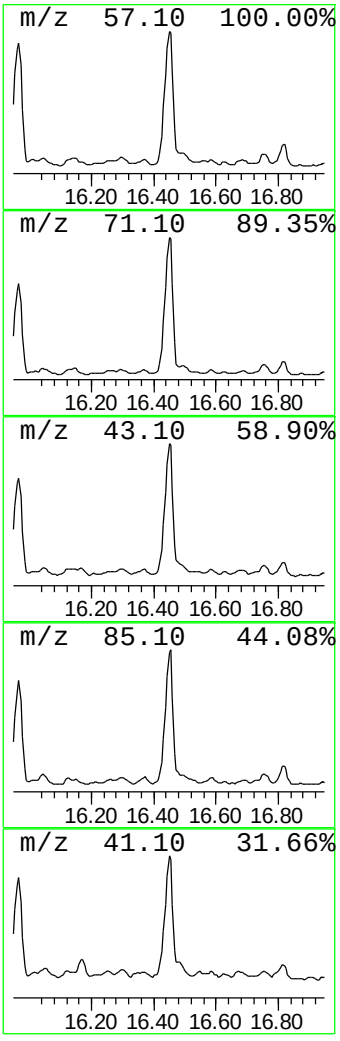
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	192.93 ng/ul	13788400	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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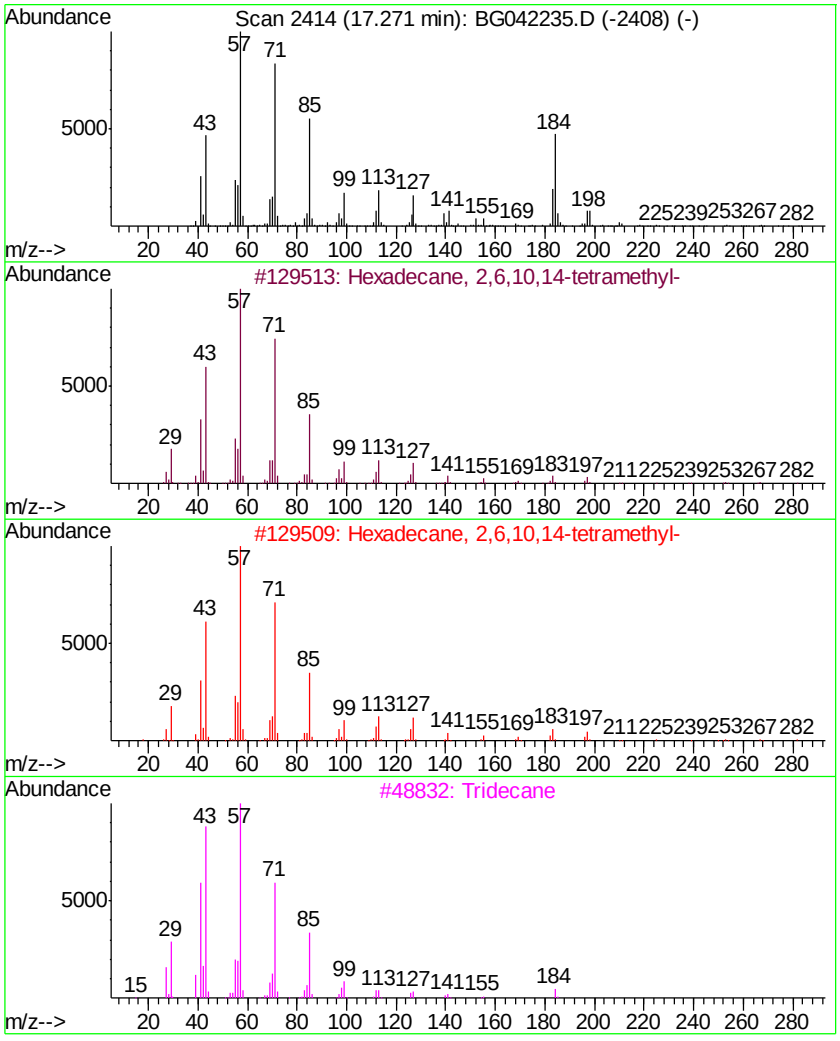
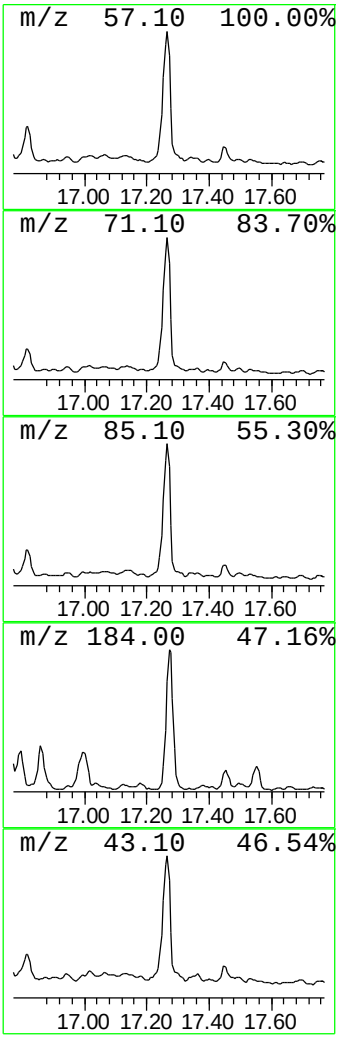
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	114.58 ng/ul	8188960	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Hexadecane	226	C16H34	000544-76-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081519\
Data File : BG042235.D
Acq On : 15 Aug 2019 18:55
Operator : HP/JU
Sample : K4215-06DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	14.7	ng/ul	1146460	1	8.03	1558090	20.0
(DEL) Alkane: Str...	5.58	12.4	ng/ul	968161	1	8.03	1558090	20.0
(DEL) Alkane: Cyc...	6.28	12.9	ng/ul	1004820	1	8.03	1558090	20.0
unknown-01	6.51	13.3	ng/ul	1038730	1	8.03	1558090	20.0
(DEL) Alkane: Cyc...	6.66	11.8	ng/ul	918093	1	8.03	1558090	20.0
(DEL) Alkane: Str...	7.01	29.9	ng/ul	2327710	1	8.03	1558090	20.0
Indane	8.41	14.6	ng/ul	1135590	1	8.03	1558090	20.0
Benzene, 1,2-diet...	8.53	10.7	ng/ul	832274	1	8.03	1558090	20.0
(DEL) Alkane: Str...	8.57	10.8	ng/ul	839645	1	8.03	1558090	20.0
Benzene, 2-ethyl-...	8.68	12.2	ng/ul	950593	1	8.03	1558090	20.0
unknown-02	9.40	30.4	ng/ul	2370940	1	8.03	1558090	20.0
Benzene, 1-ethyl-...	9.49	3.1	ng/ul	838784	2	10.86	5390020	20.0
Benzene, 1,2,4,5-...	9.68	11.0	ng/ul	2969300	2	10.86	5390020	20.0
trans-Decalin, 2-...	9.77	3.0	ng/ul	795576	2	10.86	5390020	20.0
(DEL) Alkane: Cyc...	9.99	5.5	ng/ul	1477430	2	10.86	5390020	20.0
Naphthalene, deca...	10.04	6.5	ng/ul	1759700	2	10.86	5390020	20.0
1H-Indene, 2,3-di...	10.10	14.6	ng/ul	3924490	2	10.86	5390020	20.0
(DEL) Alkane: Str...	10.20	4.5	ng/ul	1215830	2	10.86	5390020	20.0
1-Phenyl-1-butene	10.26	18.1	ng/ul	4885750	2	10.86	5390020	20.0
Benzene, 1-methyl...	10.56	5.9	ng/ul	1586290	2	10.86	5390020	20.0
1H-Indene, 2,3-di...	10.77	7.4	ng/ul	2005500	2	10.86	5390020	20.0
(DEL) Alkane: Str...	11.04	16.8	ng/ul	4539310	2	10.86	5390020	20.0
Benzene, 1-ethyl-...	11.08	6.3	ng/ul	1698740	2	10.86	5390020	20.0
unknown-03	11.16	4.4	ng/ul	1182710	2	10.86	5390020	20.0
(DEL) Alkane: Cyc...	11.36	5.5	ng/ul	1475900	2	10.86	5390020	20.0
2-Ethyl-2,3-dihyd...	11.53	7.3	ng/ul	1968380	2	10.86	5390020	20.0
(DEL) Alkane: Cyc...	11.58	15.7	ng/ul	4236780	2	10.86	5390020	20.0
Naphthalene, 1,2,...	11.64	5.0	ng/ul	1346650	2	10.86	5390020	20.0
(DEL) Alkane: Str...	11.71	4.4	ng/ul	1189290	2	10.86	5390020	20.0
Benzene, (1-methy...	11.78	10.7	ng/ul	2876130	2	10.86	5390020	20.0
(DEL) Alkane: Str...	11.91	26.1	ng/ul	7045510	2	10.86	5390020	20.0
1H-Indene, 2,3-di...	11.98	8.8	ng/ul	2368260	2	10.86	5390020	20.0
unknown-04	12.07	8.0	ng/ul	2144640	2	10.86	5390020	20.0
(DEL) Alkane: Cyc...	12.16	4.6	ng/ul	1250710	2	10.86	5390020	20.0
Naphthalene, 1-me...	12.75	26.2	ng/ul	7063240	2	10.86	5390020	20.0
(DEL) Alkane: Str...	12.92	8.5	ng/ul	1057840	3	14.70	2486850	20.0
(DEL) Alkane: Cyc...	12.98	24.4	ng/ul	3039070	3	14.70	2486850	20.0
(DEL) Alkane: Str...	13.25	62.2	ng/ul	7728960	3	14.70	2486850	20.0
(DEL) Alkane: Cyc...	13.51	13.1	ng/ul	1631820	3	14.70	2486850	20.0
(DEL) Alkane: Str...	13.56	14.0	ng/ul	1738680	3	14.70	2486850	20.0
unknown-05	13.63	19.2	ng/ul	2389960	3	14.70	2486850	20.0
unknown-06	13.70	7.8	ng/ul	969350	3	14.70	2486850	20.0
unknown-07	14.55	15.6	ng/ul	1942500	3	14.70	2486850	20.0
(DEL) Alkane: Cyc...	15.23	36.0	ng/ul	4471310	3	14.70	2486850	20.0
Naphthalene, 1,4,...	15.33	43.6	ng/ul	5423970	3	14.70	2486850	20.0
(DEL) Alkane: Cyc...	15.60	11.6	ng/ul	1445950	3	14.70	2486850	20.0
Ethyl 5-chloro-2-...	16.13	18.9	ng/ul	1347510	4	17.45	1429360	20.0
(DEL) Alkane: Cyc...	16.17	23.7	ng/ul	1693950	4	17.45	1429360	20.0
(DEL) Alkane: Str...	16.45	192.9	ng/ul	13788400	4	17.45	1429360	20.0

(DEL) Alkane: Str... 17.27 114.6 ng/ul 8188960 4 17.45 1429360 20.0

Instrument :
BNA_G
ClientSampleId :
ETOB7DL