LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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	3.143	4	9	20	rVB	1516879	2467314	8.52%	0.418%
2	5.587	418	425	432	rVB	1214778	2142871	7.40%	0.363%
3	6.286	538	544	557	rBV3	849706	2287026	7.90%	0.387%
4	6.510	575	582	590	rBV7	819910	2309491	7.98%	0.391%
5	6.662	600	608	620	rVV4	1088083	2842256	9.82%	0.481%
6	7.015	657	668	674	rVV3	1941847	5136838	17.75%	0.869%
7	7.185	690	697	704	rVV3	1412641	2825210	9.76%	0.478%
8	7.520	744	754	757	rBV3	630988	1630434	5.63%	0.276%
9	8.020	833	839	844	rVB2	1896217	3350378	11.57%	0.567%
10	8.407	899	905	911	rVB2	1273624	2556958	8.83%	0.433%
11	8.531	921	926	930	rBV	994444	1718690	5.94%	0.291%
12	8.572	930	933	940	rVV3	944007	1874793	6.48%	0.317%
13	8.683	947	952	957	rBV2	1097249	1869684	6.46%	0.316%
14	8.813	968	974	977	rBV	1189029	2117433	7.31%	0.358%
15	9.159	1022	1033	1039	rBV2	5204594	11624711	40.16%	1.967%
16	9.236	1041	1046	1056	rVB3	2833750	6211684	21.46%	1.051%
17	9.400	1064	1074	1081	rBV7	1615577	5205134	17.98%	0.881%
18	9.488	1081	1089	1092	rBV2	927425	2063958	7.13%	0.349%
19	9.688	1117	1123	1132	rVB2	2853429	6301779	21.77%	1.067%
20	9.782	1133	1139	1143	rVB4	1002949	1814836	6.27%	0.307%
21	9.941	1159	1166	1170	rBV4	1564223	3213775	11.10%	0.544%
22	9.994	1170	1175	1179	rVV3	1896225	3226013	11.14%	0.546%
23	10.047	1179	1184	1189	rVV4	2050248	3671641	12.68%	0.621%
24	10.111	1189	1195	1205	rVB3	3047709	8427653	29.11%	1.426%
25	10.211	1205	1212	1215	rBV3	1410934	2559739	8.84%	0.433%
26	10.264	1215	1221	1228	rBV3	4898259	9722311	33.59%	1.645%
27	10.446	1246	1252	1264	rVB7	1958943	5291490	18.28%	0.896%
28	10.564	1266	1272	1276	rBV	1875060	3299200	11.40%	0.558%
29	10.734	1297	1301	1304	rVV3	1103938	1845815	6.38%	0.312%
30	10.775	1304	1308	1312	rVV3	2234834	4499444	15.54%	0.761%
31	10.852	1313	1321	1327	rVV3	4351359	12368310	42.73%	2.093%
32	10.916	1327	1332	1337	rVV3	2647129	6163065	21.29%	1.043%
33	10.987	1340	1344	1349	rVV	3225049	6442468	22.26%	1.090%
34	11.051	1349	1355	1359	rVV	5550750	10779419	37.24%	1.824%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

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Peak separation: 5

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

35	11.092	1359	1362	1370	rVV5	2132842	4407143	15.22%	0.746%
36	11.169	1371	1375	1380	rVB4	1604825	2690621	9.29%	0.455%
37	11.286	1391	1395	1402	rVV3	1355386	3232942	11.17%	0.547%
38	11.374	1406	1410	1417	rVB4	1626082	2955109	10.21%	0.500%
39	11.539	1434	1438	1441	rBV2	1546609	2781439	9.61%	0.471%
40	11.586	1442	1446	1453	rVV5	3411893	6616310	22.86%	1.120%
41	11.651	1454	1457	1463	rVB2	1699469	2855736	9.87%	0.483%
42	11.721	1464	1469	1474	rBV4	1363630	2600409	8.98%	0.440%
43	11.797	1475	1482	1489	rVB2	2674518	5587028	19.30%	0.946%
44	11.927	1496	1504	1510	rBV2	7184328	16476922	56.92%	2.789%
45	11.986	1510	1514	1520	rVB3	2613395	5060162	17.48%	0.856%
46	12.074	1524	1529	1536	rBV5	1746133	4552045	15.72%	0.770%
47	12.174	1542	1546	1549	rBV3	1363925	2192844	7.58%	0.371%
48	12.526	1599	1606	1612	rVB5	4648102	11711242	40.46%	1.982%
49	12.767	1639	1647	1653	rVB3	5814860	14308915	49.43%	2.422%
50	12.931	1671	1675	1679	rBV3	1615353	2674955	9.24%	0.453%
51	12.996	1679	1686	1691	rVB5	2964486	6591919	22.77%	1.116%
52	13.125	1705	1708	1711	rBV3	1064197	1642004	5.67%	0.278%
53	13.219	1720	1724	1725	rBV3	1369267	1794455	6.20%	0.304%
54	13.266	1726	1732	1736	rVB	7743060	14277386	49.32%	2.416%
55	13.525	1772	1776	1780	rBV4	1780074	2791983	9.64%	0.473%
56	13.572	1781	1784	1788	rVV2	2465986	3599179	12.43%	0.609%
57	13.642	1792	1796	1801	rVV3	2990787	4782377	16.52%	0.809%
58	13.713	1805	1808	1812	rVV2	1367542	1614515	5.58%	0.273%
59	13.907	1829	1841	1851	rBV2	7859779	28947832	100.00%	4.899%
60	14.060	1858	1867	1871	rBV	7519733	16991008	58.70%	2.876%
61	14.112	1871	1876	1880	rVB	9164709	15382710	53.14%	2.603%
62	14.159	1881	1884	1887	rBV3	1452839	2132489	7.37%	0.361%
63	14.212	1887	1893	1897	rBV2	7933091	14838494	51.26%	2.511%
64	14.283	1900	1905	1909	rBV	2961156	5420201	18.72%	0.917%
65	14.412	1923	1927	1929	rBV3	2468456	3181345	10.99%	0.538%
66	14.559	1948	1952	1957	rVB3	2635971	4261348	14.72%	0.721%
67	14.694	1971	1975	1983	rBV4	3071779	7773818	26.85%	1.316%
68	14.935	2008	2016	2024	rVB	5473988	17454611	60.30%	2.954%
69	15.011	2025	2029	2033	rBV3	1901521	3203124	11.07%	0.542%
70	15.123	2043	2048	2053	rVB2	8011756	13691255	47.30%	2.317%
71	15.205	2057	2062	2065	rVV	5433356	8672060	29.96%	1.468%

LSC Area Percent Report

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Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

72	15.246	2065	2069	2079	rVB5	4560439	9242558	31.93%	1.564%
73	15.340	2080	2085	2090	rBV	5497216	10643279	36.77%	1.801%
74	15.399	2090	2095	2099	rVB	5209741	7659792	26.46%	1.296%
75	15.611	2128	2131	2137	rBV5	1465572	2749609	9.50%	0.465%
76	15.675	2138	2142	2151	rVB6	2206867	4981957	17.21%	0.843%
77	15.758	2152	2156	2160	rBV2	2984124	4295767	14.84%	0.727%
78	15.810	2161	2165	2170	rVV3	2039481	3854798	13.32%	0.652%
79	15.934	2182	2186	2189	rBV3	2205598	3761811	13.00%	0.637%
80	15.981	2189	2194	2199	rVB2	9772634	17233068	59.53%	2.917%
81	16.139	2217	2221	2223	rBV4	1479575	2428198	8.39%	0.411%
82	16.181	2225	2228	2231	rVB4	2350364	3034415	10.48%	0.514%
83	16.280	2241	2245	2248	rVB2	1610946	2269963	7.84%	0.384%
84	16.468	2268	2277	2286	rVB2	9971640	25120726	86.78%	4.251%
85	16.574	2291	2295	2300	rBV3	2346760	4074816	14.08%	0.690%
86	16.827	2334	2338	2343	rVB4	4219771	6571529	22.70%	1.112%
87	17.279	2410	2415	2425	rVB3	8205996	15690271	54.20%	2.655%
88	17.461	2442	2446	2449	rBV3	1634683	2430998	8.40%	0.411%
89	17.508	2450	2454	2458	rVV	3624943	6113766	21.12%	1.035%
90	17.561	2460	2463	2472	rVB3	2087464	3402437	11.75%	0.576%
91	17.873	2512	2516	2521	rBV3	2517830	3814145	13.18%	0.646%
92	18.184	2564	2569	2575	rBV2	1274087	2973008	10.27%	0.503%
93	18.337	2591	2595	2599	rBV	3319720	5466295	18.88%	0.925%
94	18.390	2600	2604	2610	rVB	4146134	6455026	22.30%	1.092%
95	18.525	2623	2627	2631	rVV2	1830291	2749182	9.50%	0.465%
96	18.566	2631	2634	2646	rVB2	1768843	3332527	11.51%	0.564%
97	19.124	2725	2729	2732	rVV	1582674	2178406	7.53%	0.369%
98	19.242	2745	2749	2754	rBV	2346326	3765827	13.01%	0.637%
99	19.835	2845	2850	2854	rVV	1602761	2425659	8.38%	0.411%
100	24.759	3677	3688	3705	rBV	841952	2541508	8.78%	0.430%

Sum of corrected areas: 590871097

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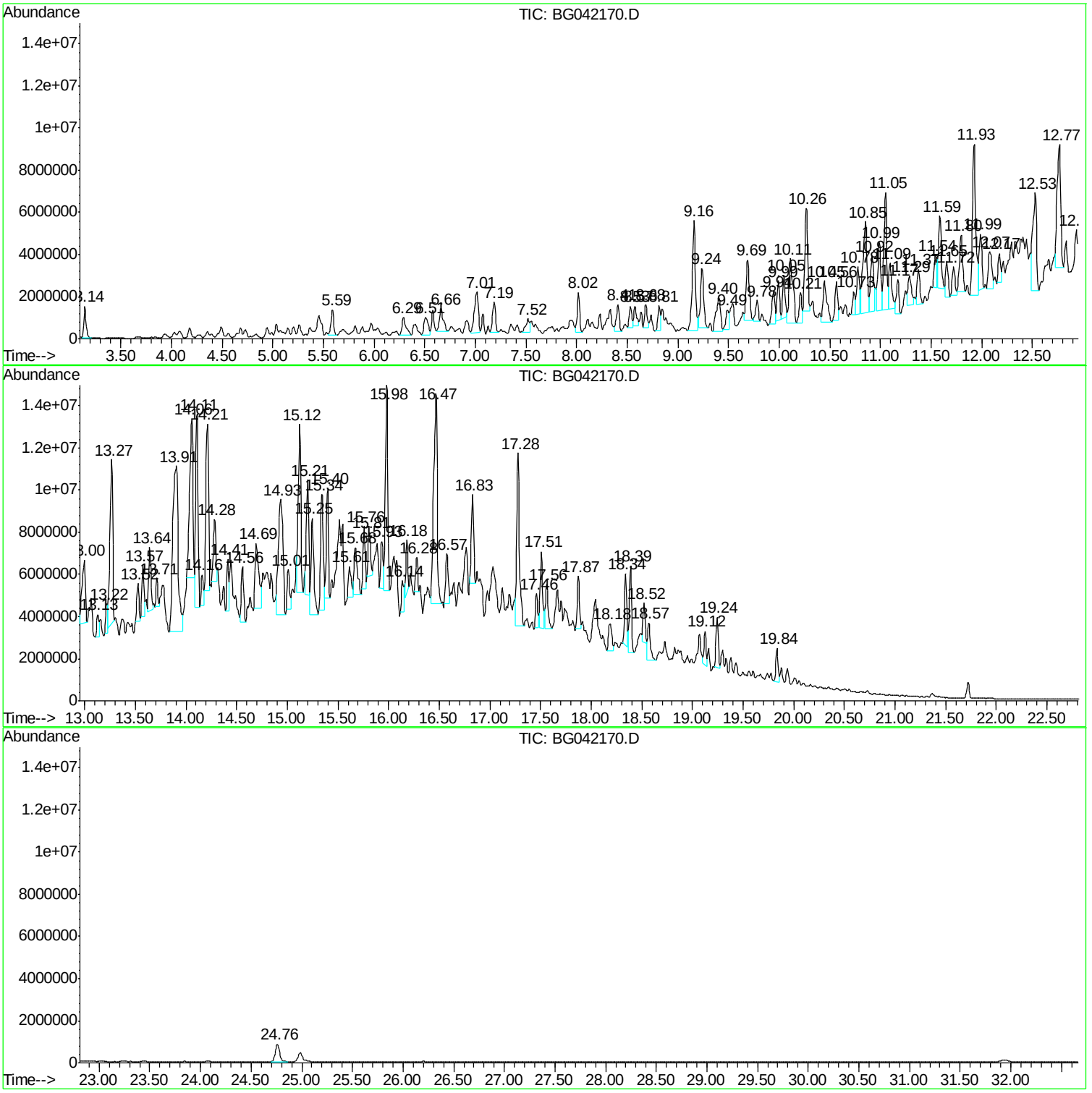
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

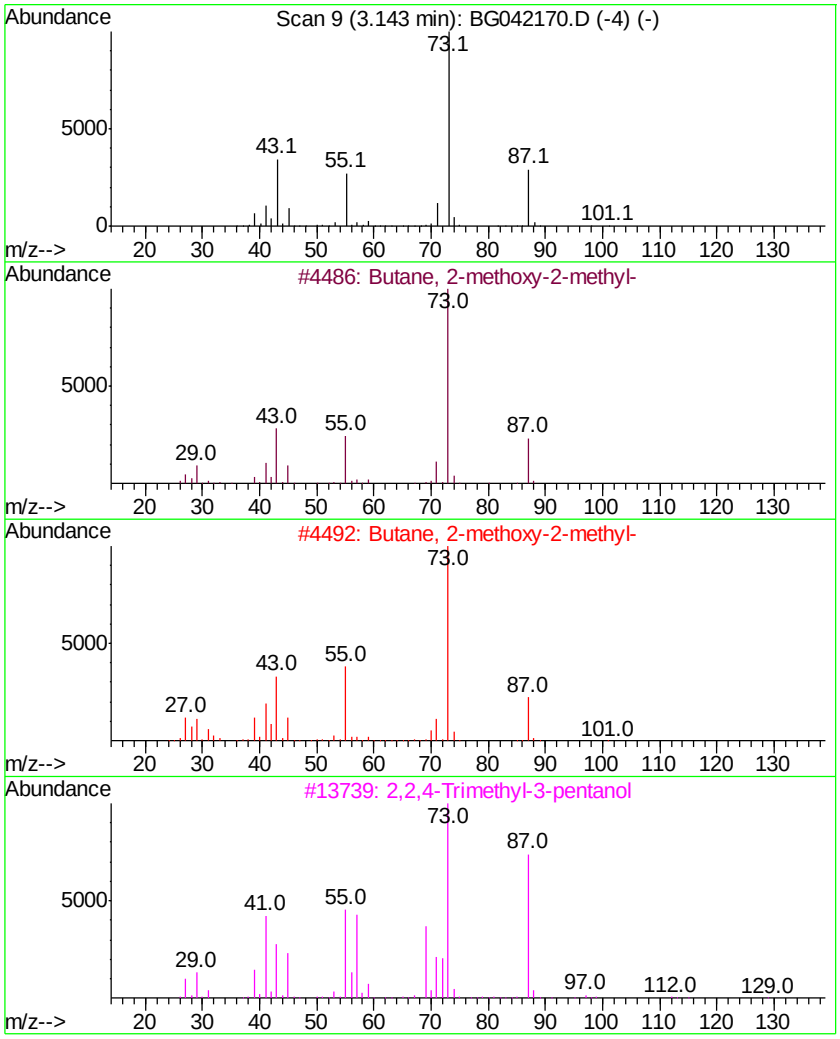
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

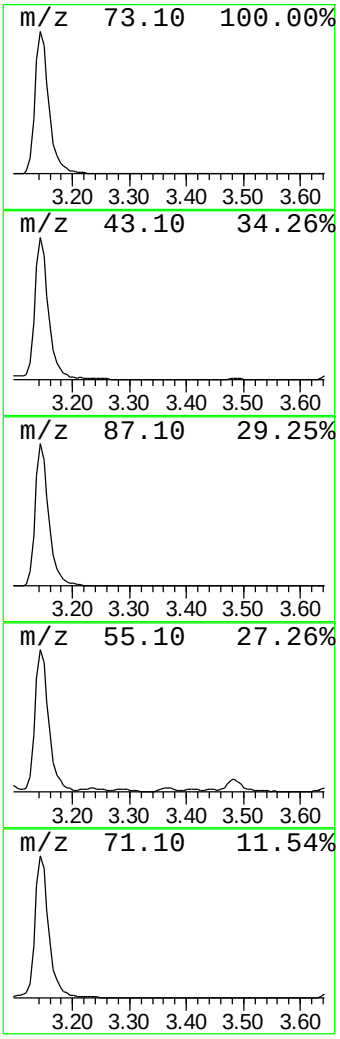
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	14.73 ng/ul	2467310	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	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

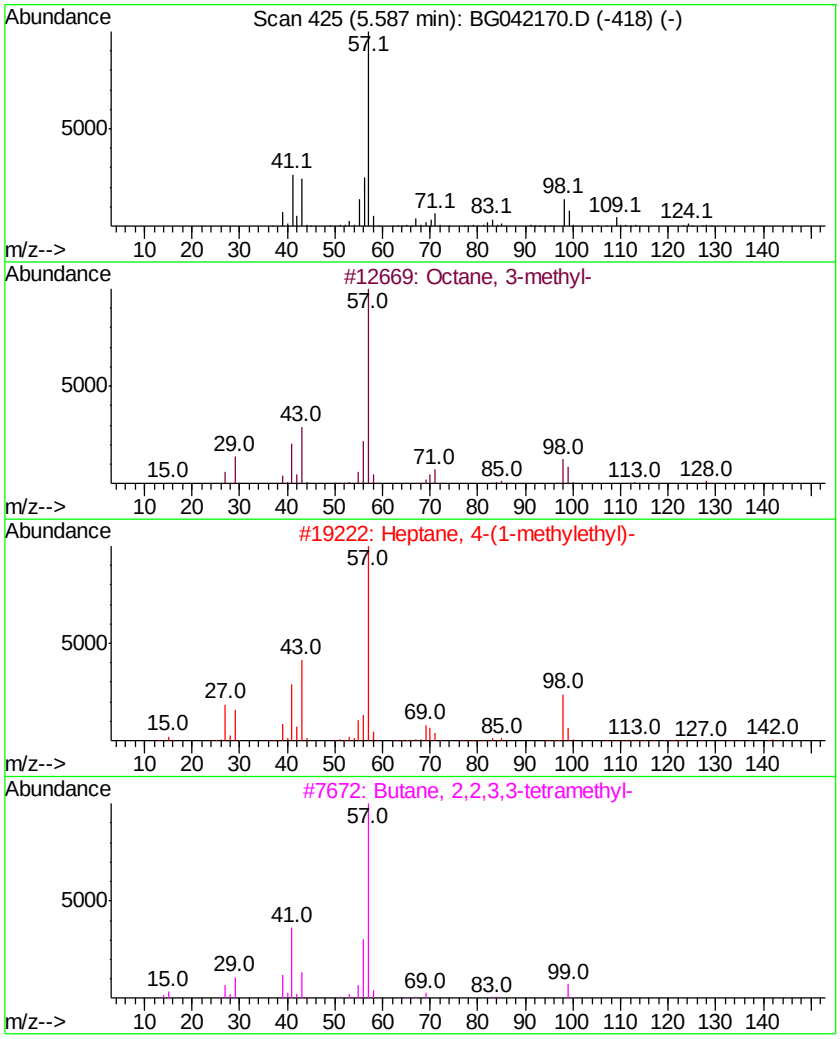
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

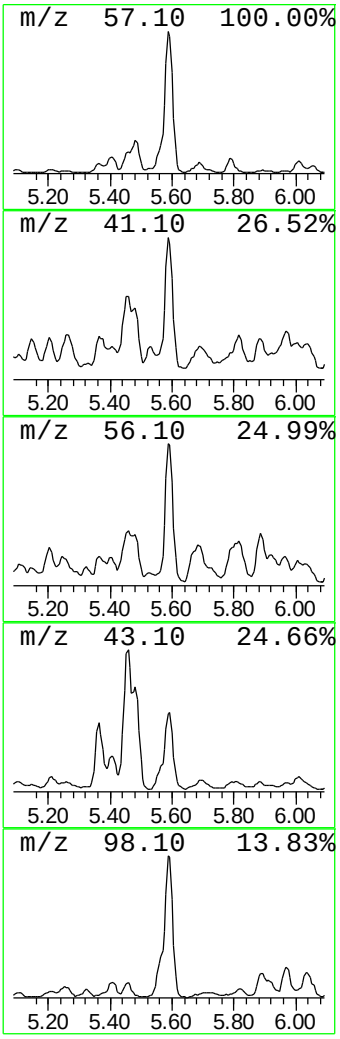
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	12.79 ng/ul	2142870	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	58
2	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	47
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	47
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	47





Library Search Compound Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

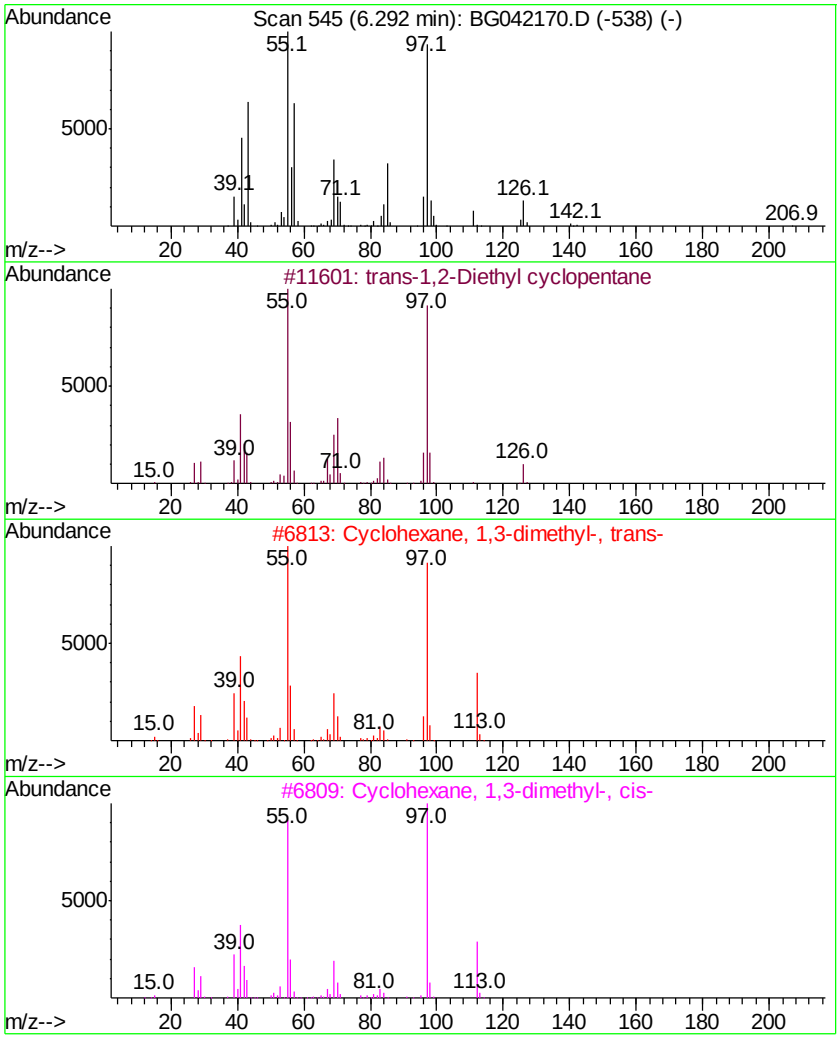
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

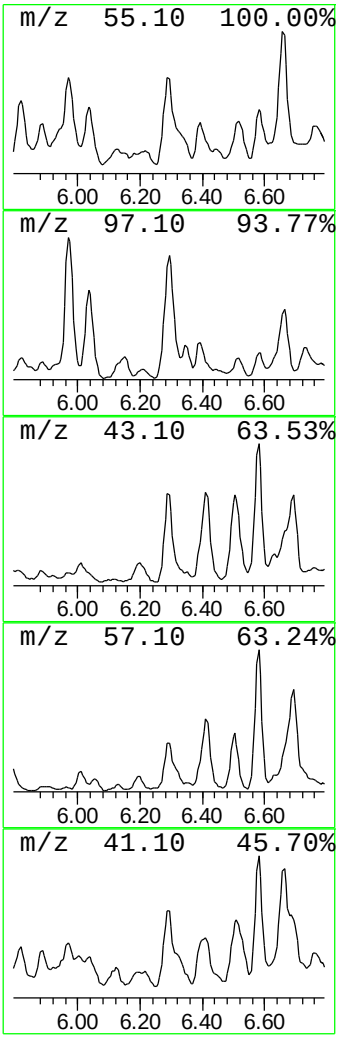
****

Peak Number 3 (DEL) Alkane: Cyclic6.29 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	13.65 ng/ul	2287030	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	72
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	52





Library Search Compound Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

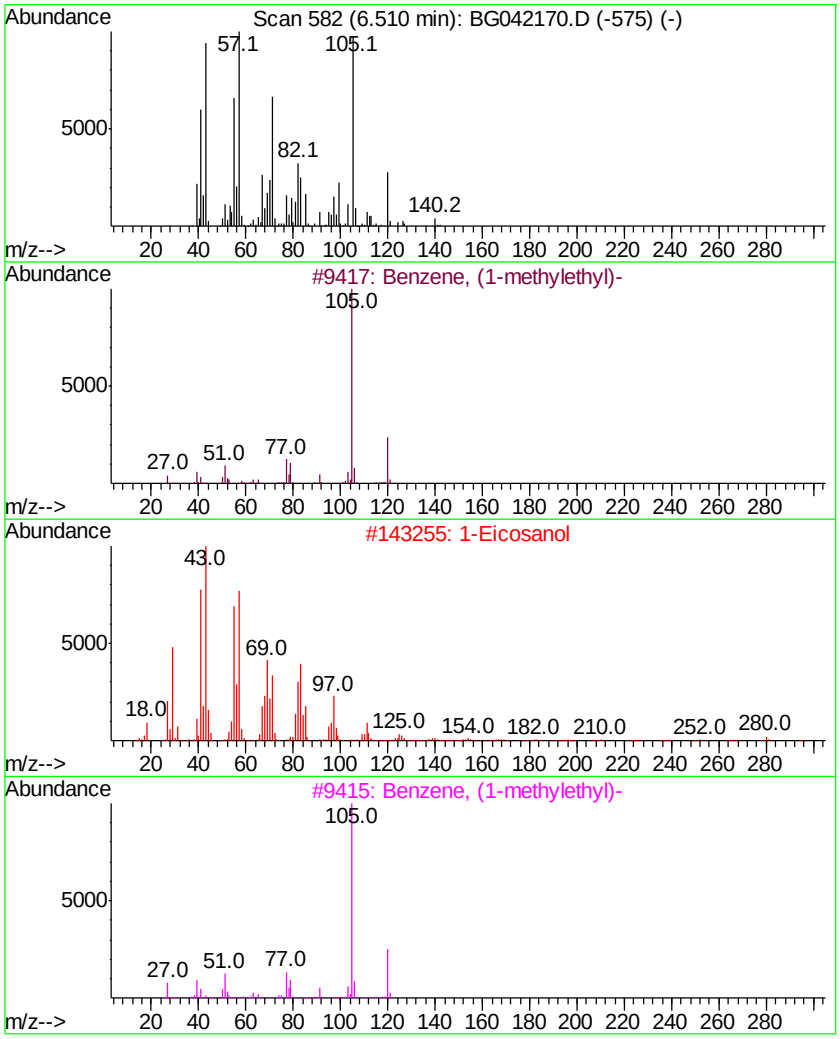
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

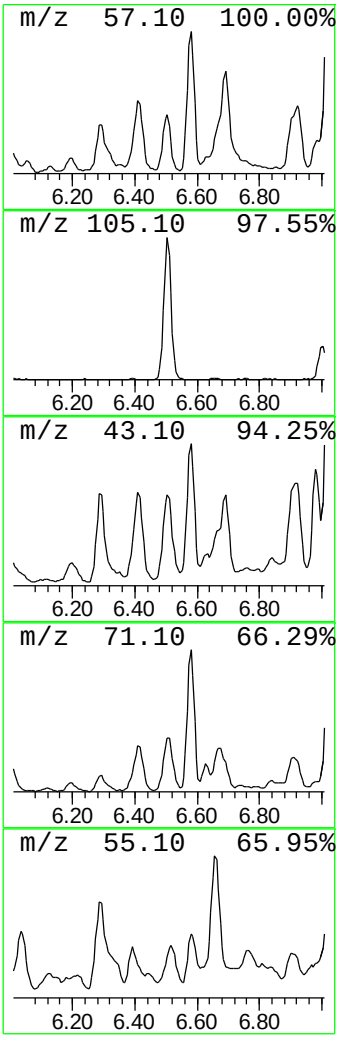
****

Peak Number 4 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	13.79 ng/ul	2309490	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
2	1-Eicosanol	298	C20H42O	000629-96-9	35
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35





Library Search Compound Report

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Data File : BG042170.D
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

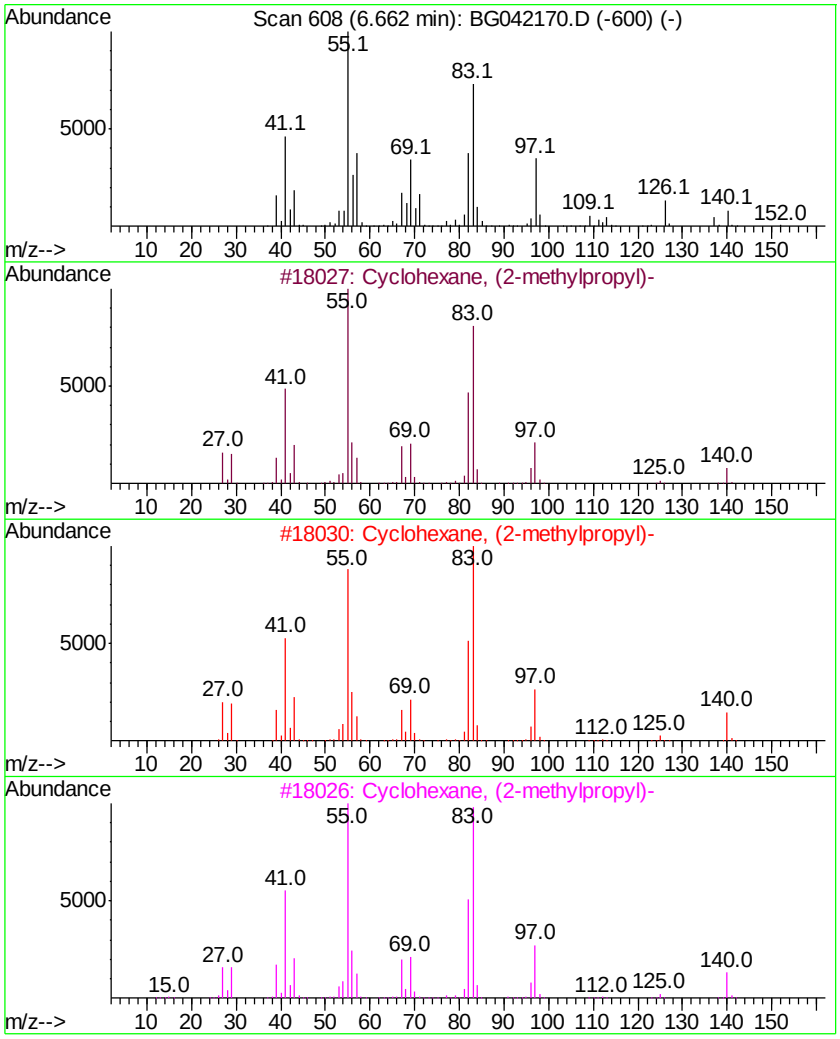
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

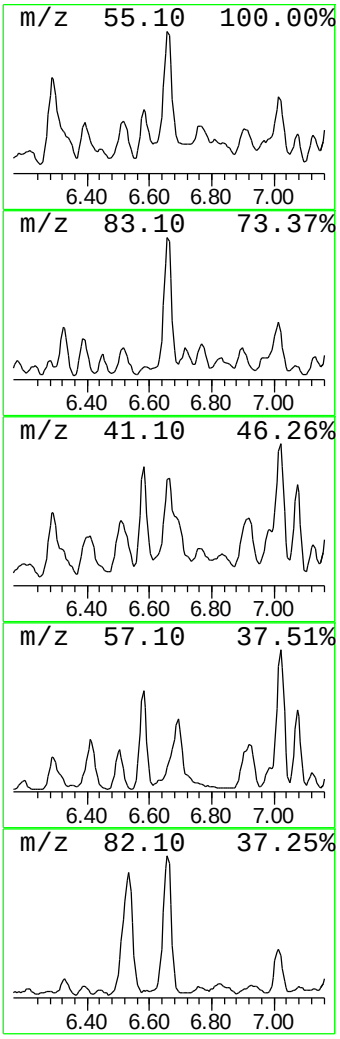
****

Peak Number 5 (DEL) Alkane: Cyclic6.66 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	16.97 ng/ul	2842260	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	58





Library Search Compound Report

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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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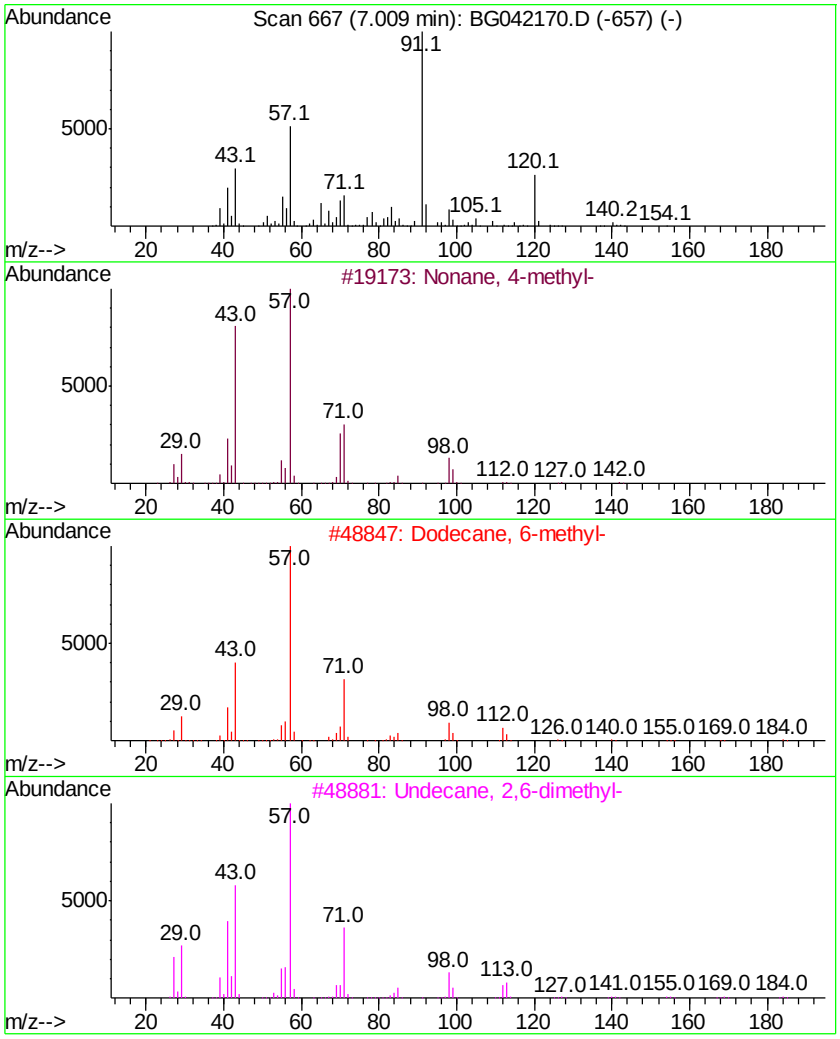
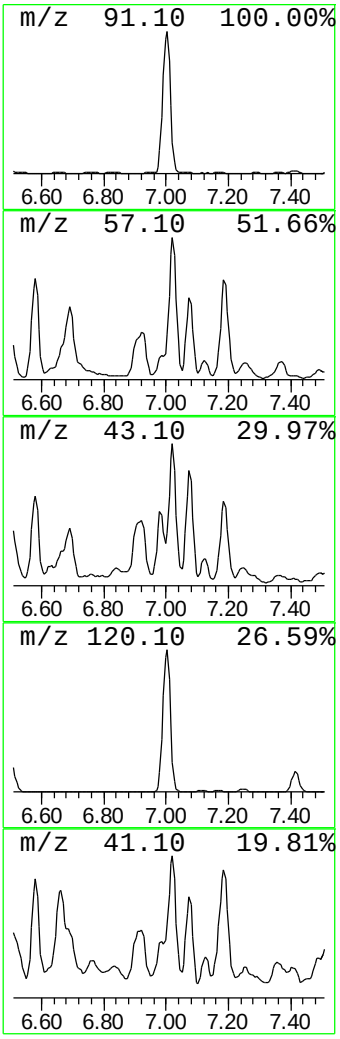
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	30.66 ng/ul	5136840	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	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
5	Benzene, propyl-	120	C9H12	000103-65-1	38





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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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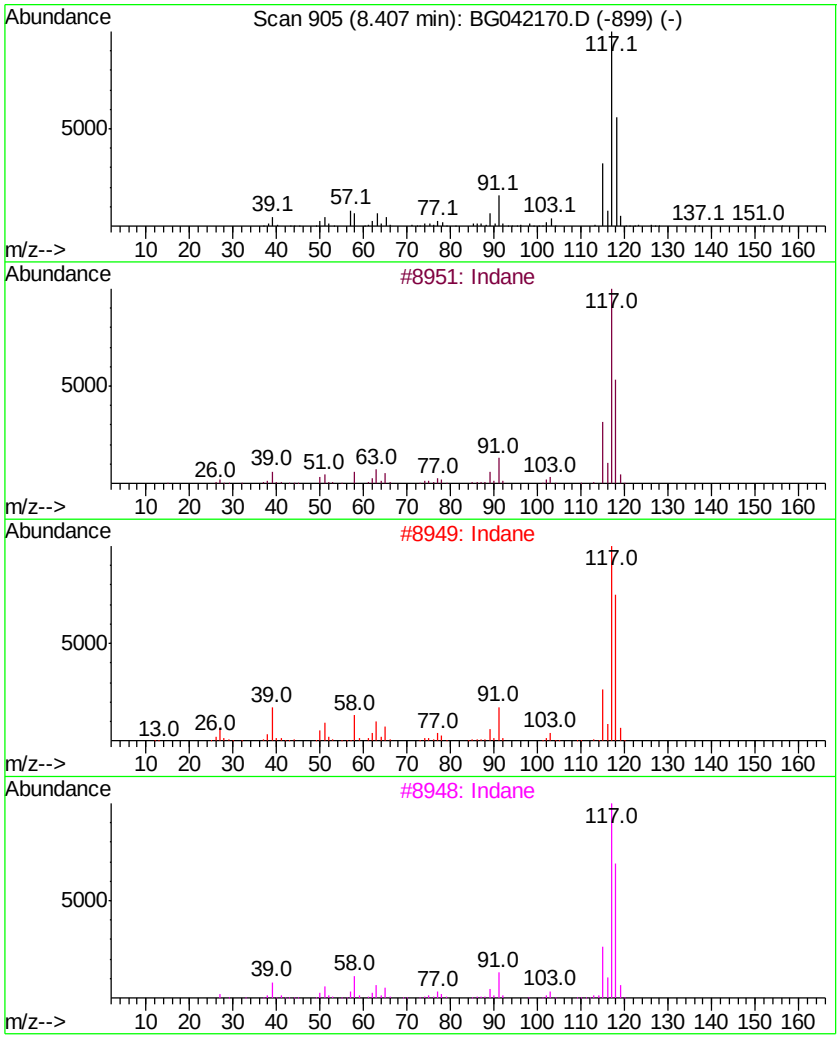
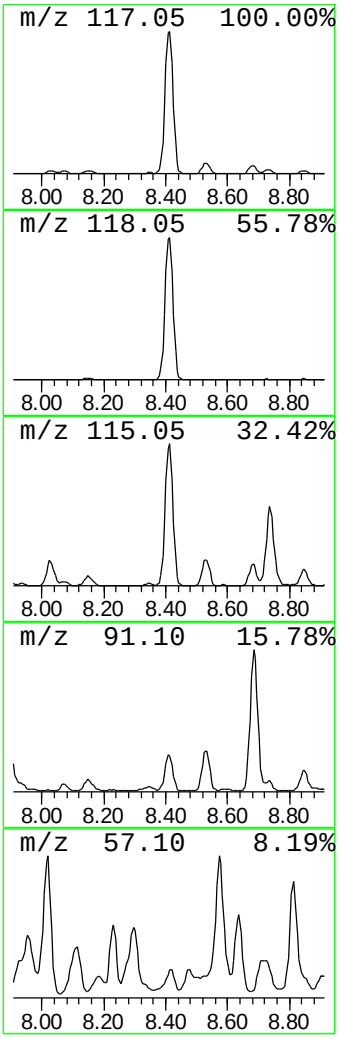
Peak Number 7 Indane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	15.26 ng/ul	2556960	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	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83





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Sample : K4215-06
Misc :
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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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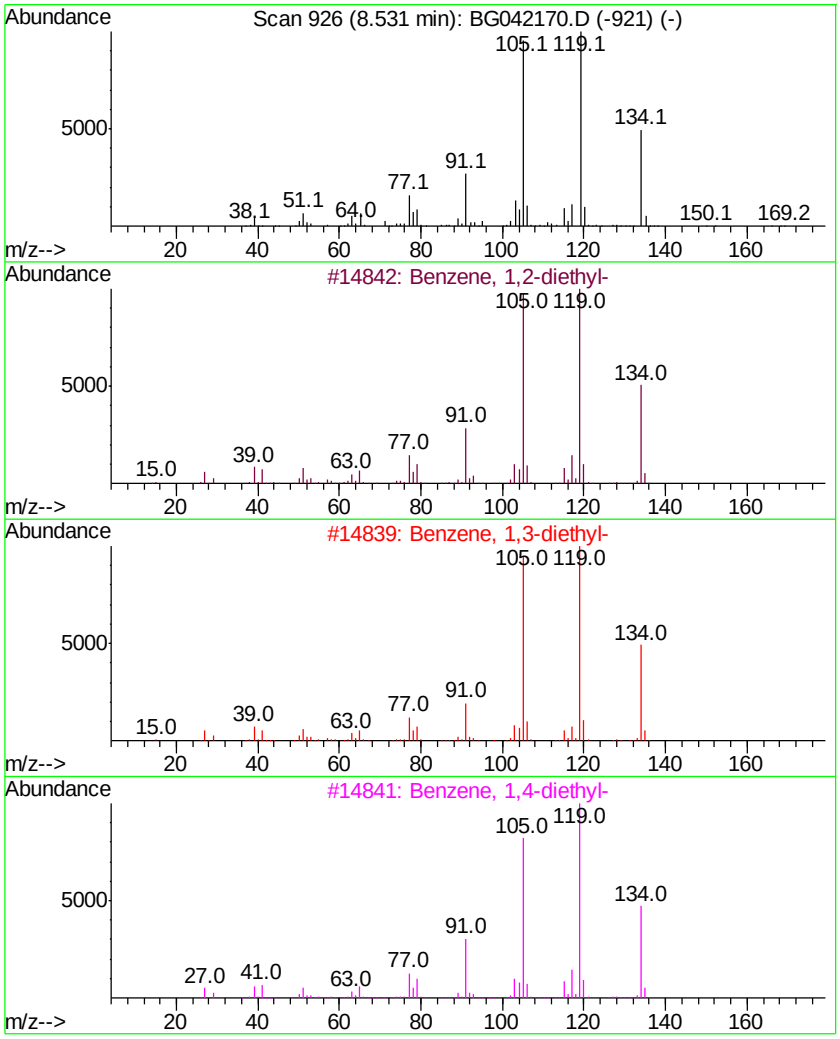
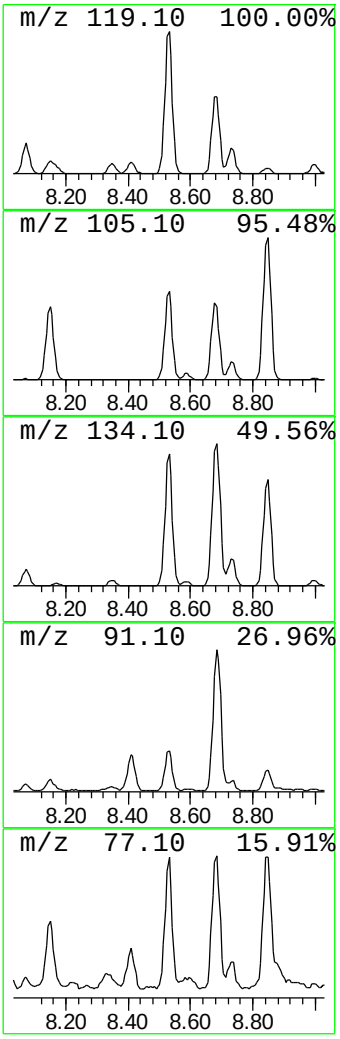
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	10.26 ng/ul	1718690	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, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	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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Misc :
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Instrument : BNA_G
ClientSampleId : ETOB7

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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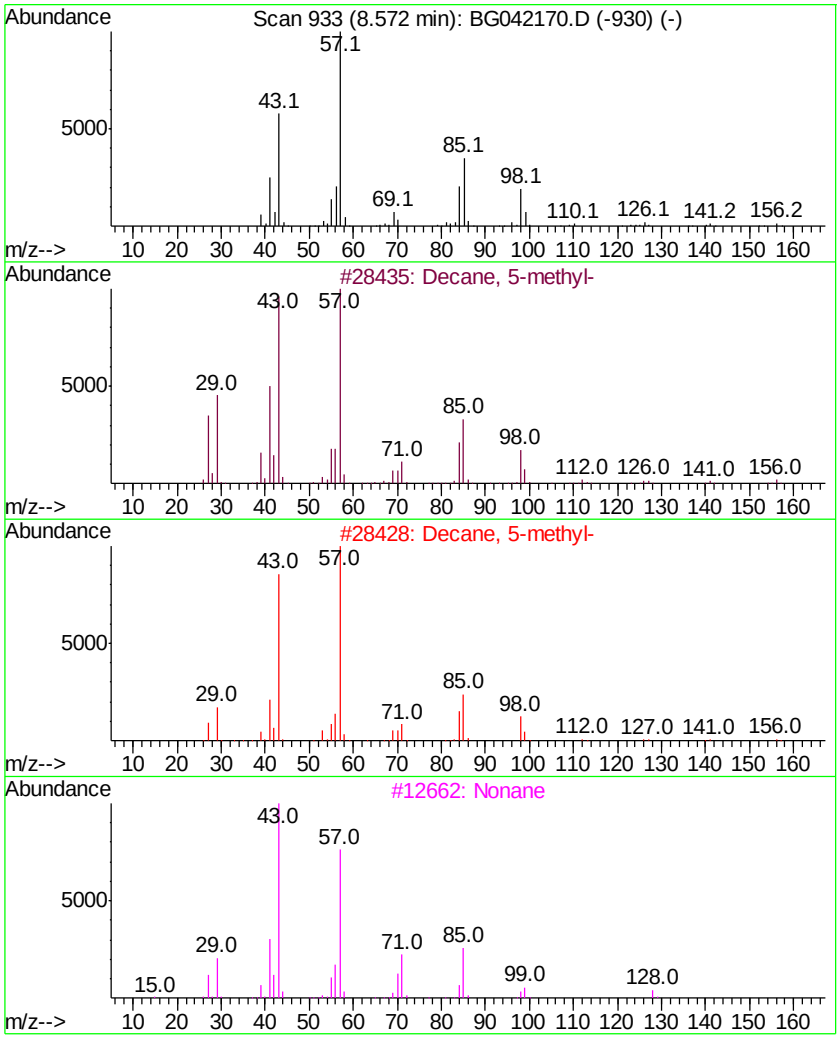
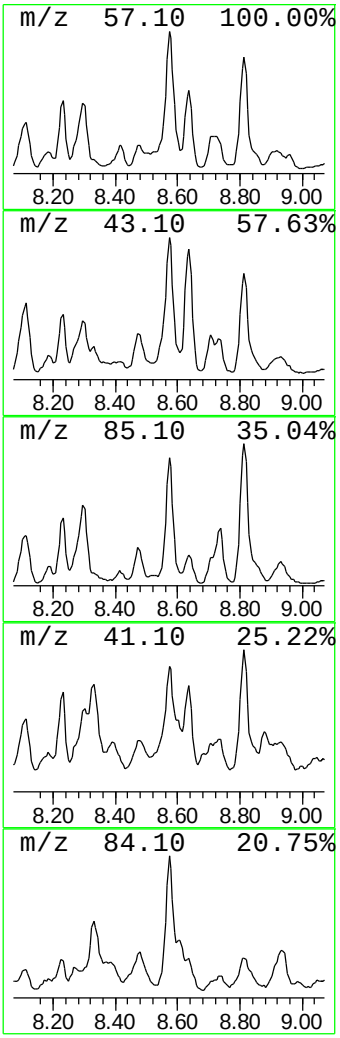
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	11.19 ng/ul	1874790	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	86
2	Decane, 5-methyl-	156	C11H24	013151-35-4	64
3	Nonane	128	C9H20	000111-84-2	50
4	Octane, 2-methyl-	128	C9H20	003221-61-2	47
5	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	43





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Sample : K4215-06
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Instrument : BNA_G
ClientSampleId : ETOB7

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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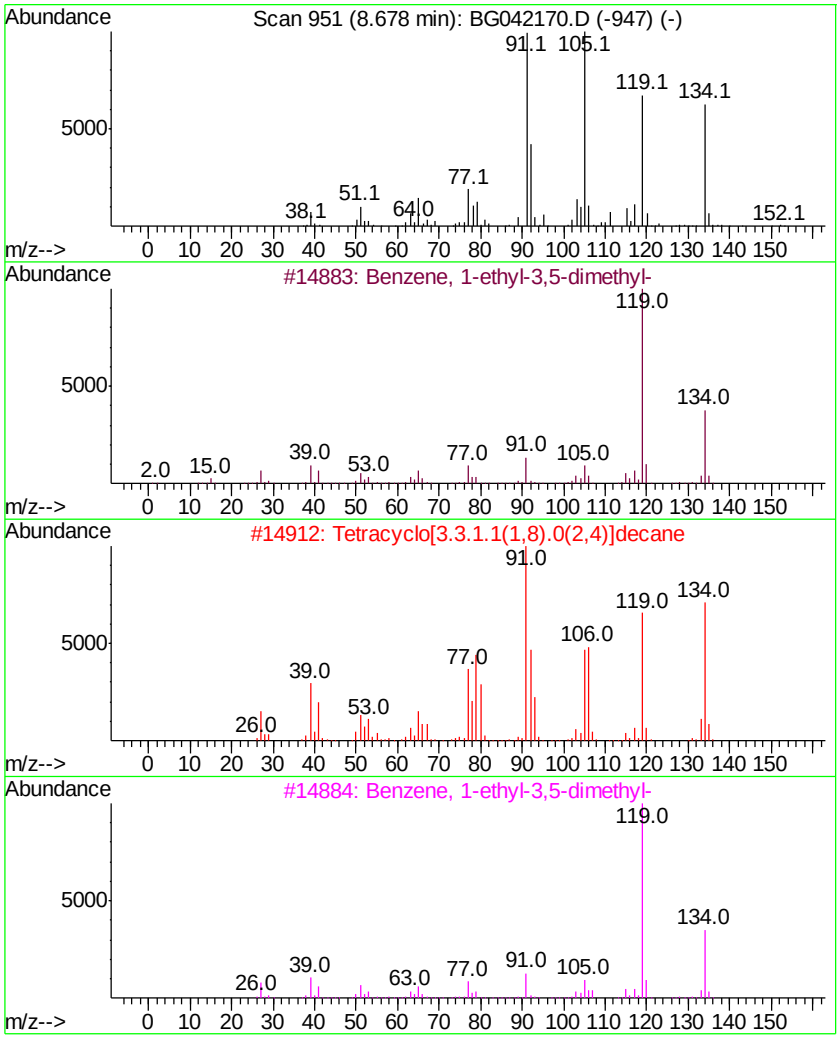
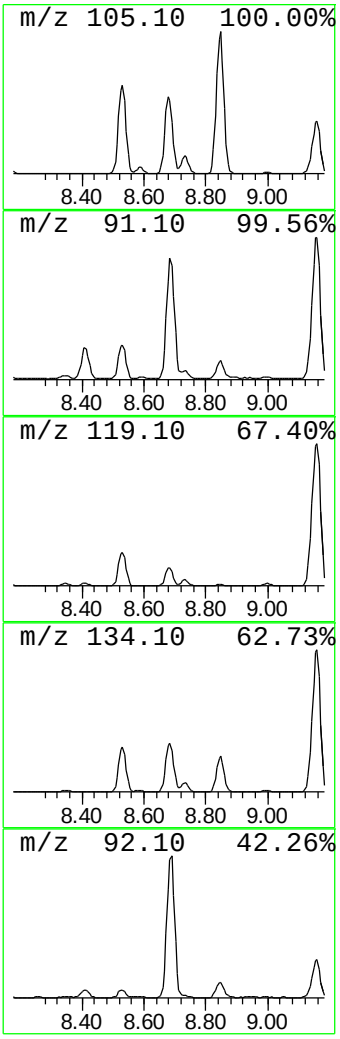
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	11.16 ng/ul	1869680	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	72
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	68
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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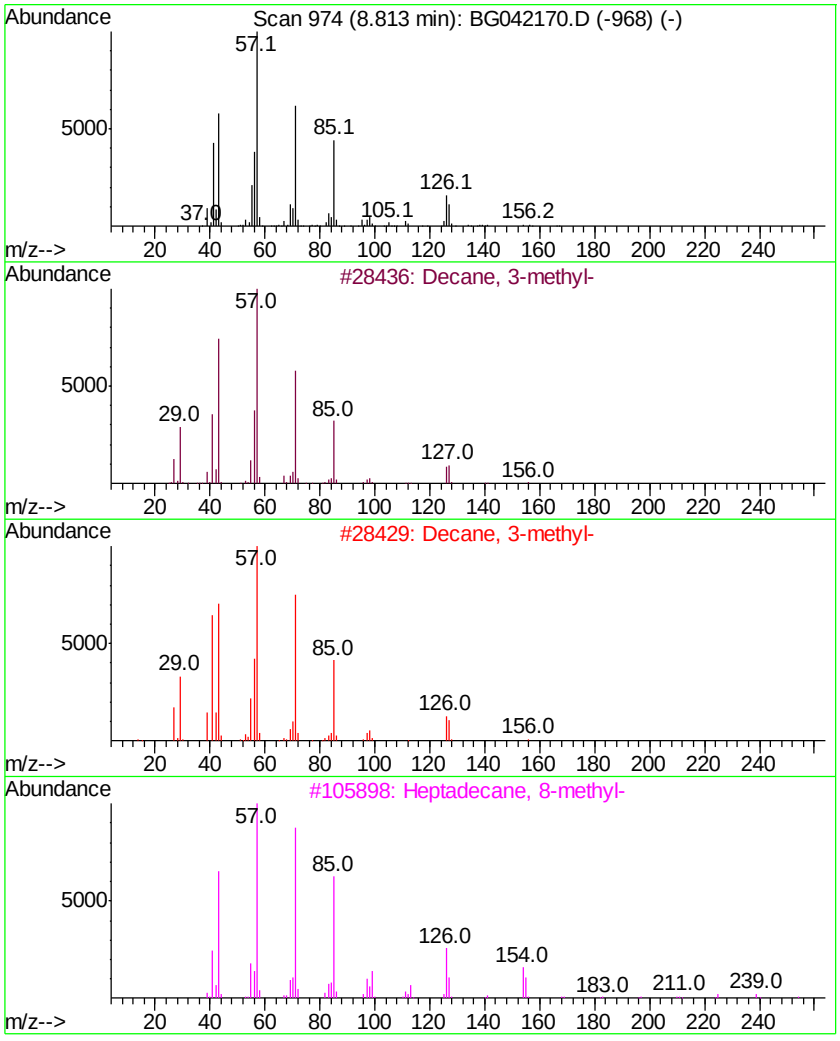
Quant Title : SVOA CALIBRATION

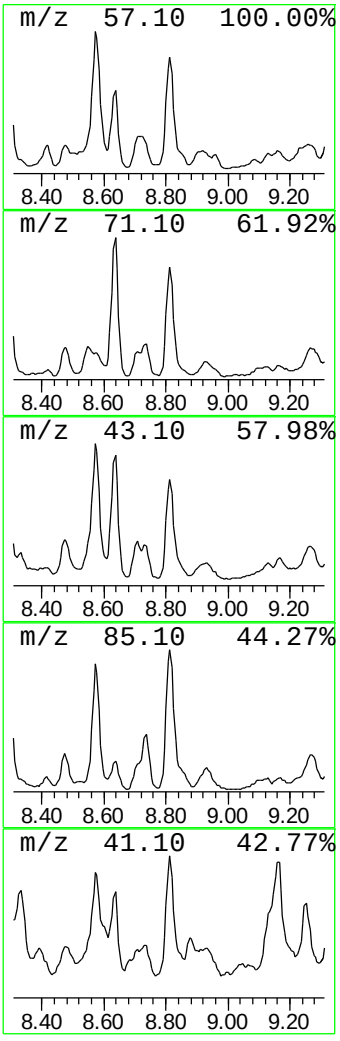
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	12.64 ng/ul	2117430	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Decane, 3-methyl-	156	C11H24	013151-34-3	70
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	53





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Sample : K4215-06
Misc :
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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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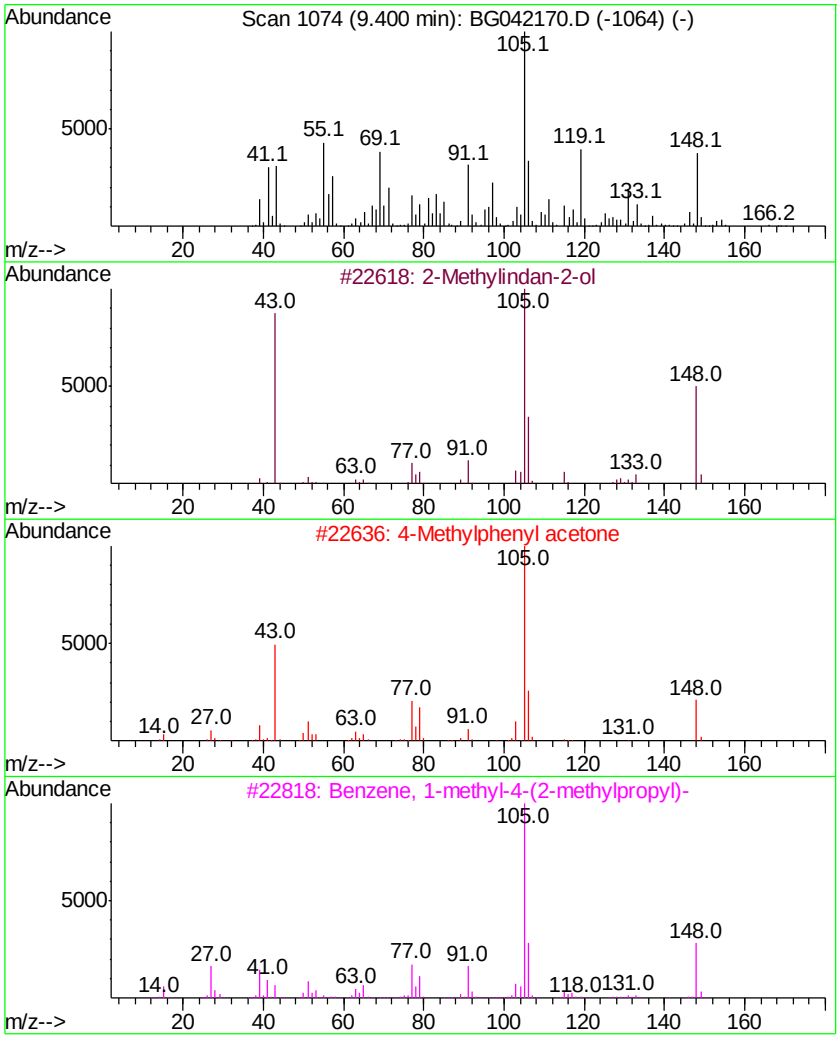
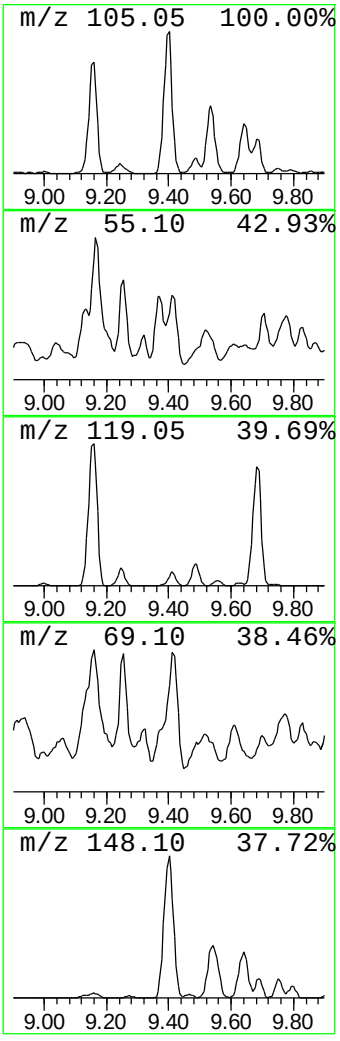
Peak Number 12 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	31.07 ng/ul	5205130	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	42
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	35
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	30





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Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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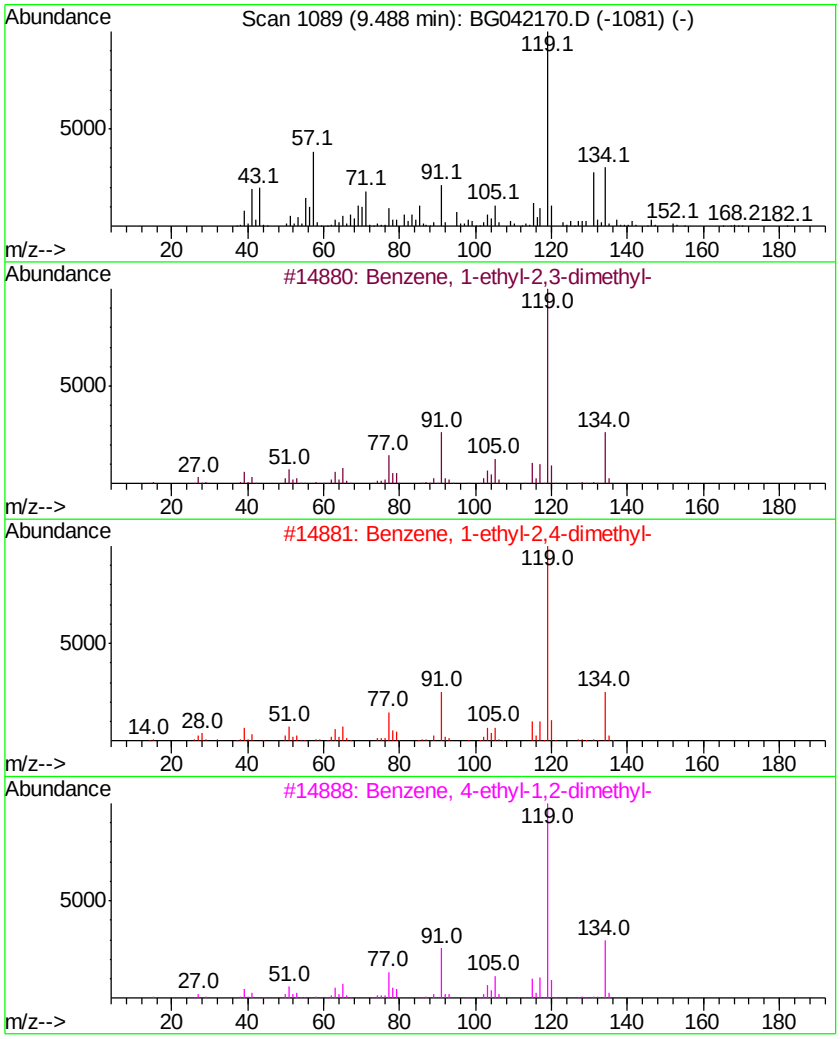
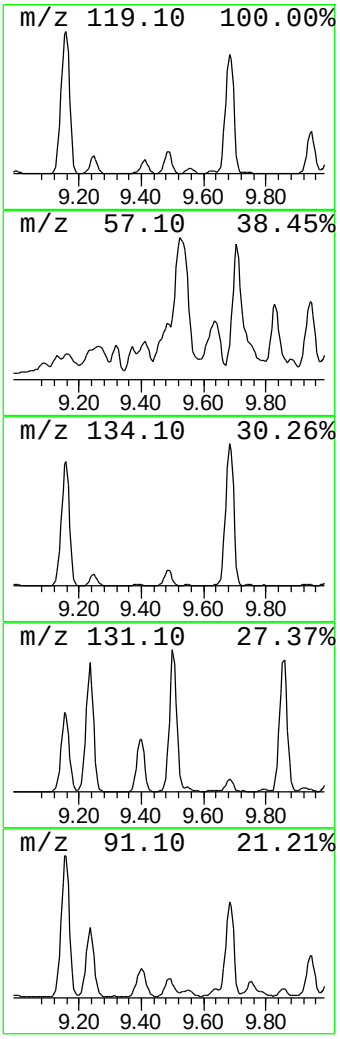
Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.34 ng/ul	2063960	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





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Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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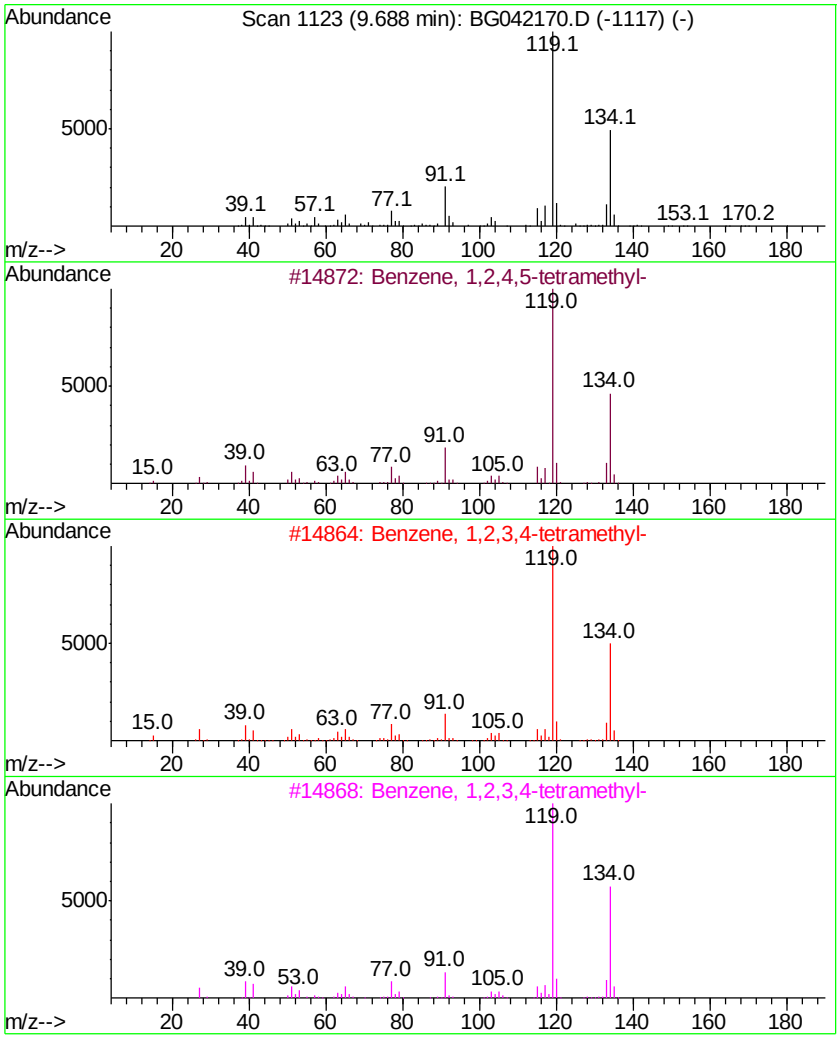
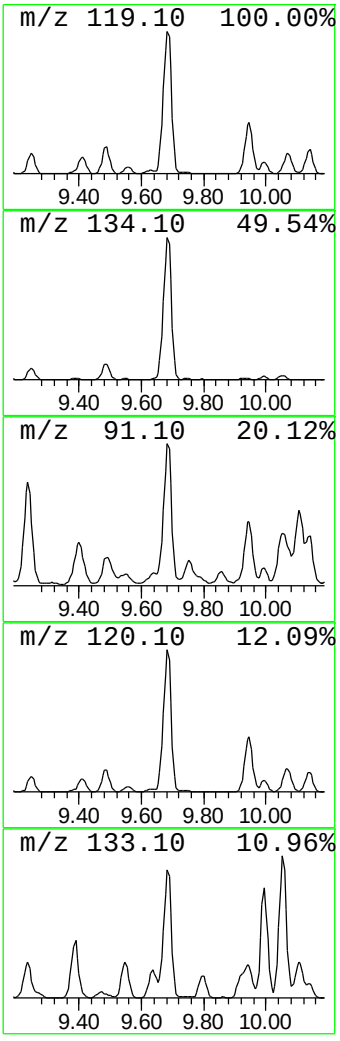
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	10.19 ng/ul	6301780	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	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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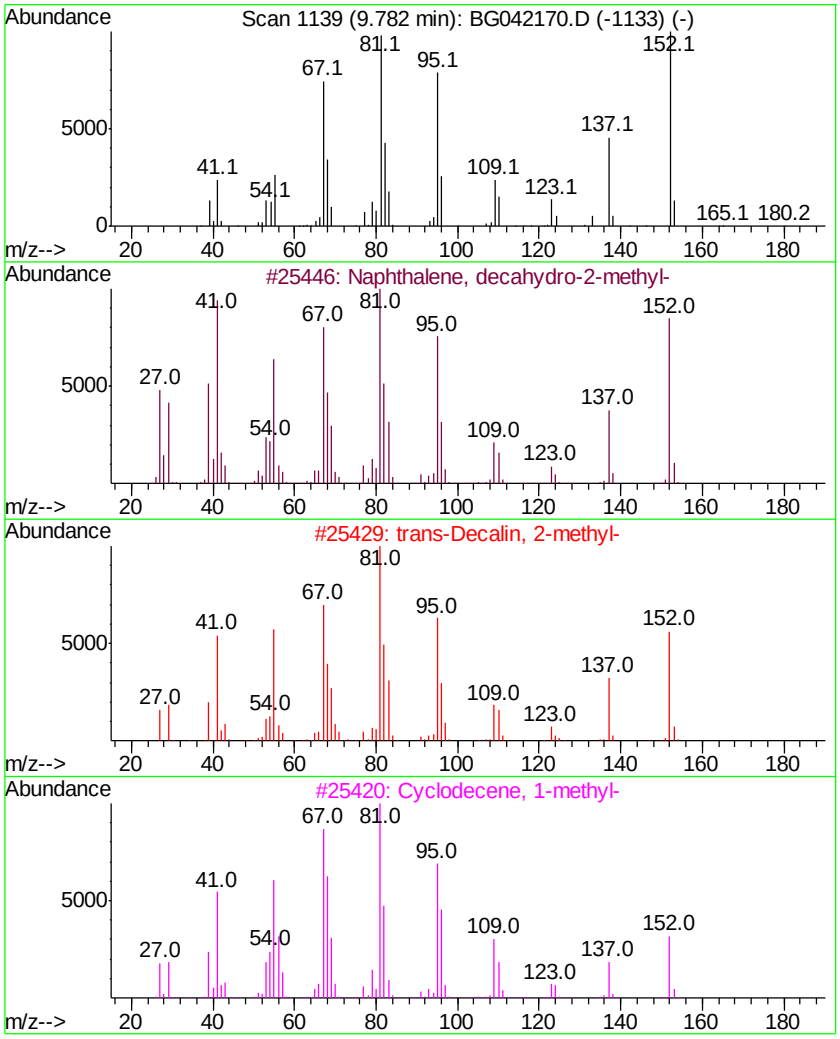
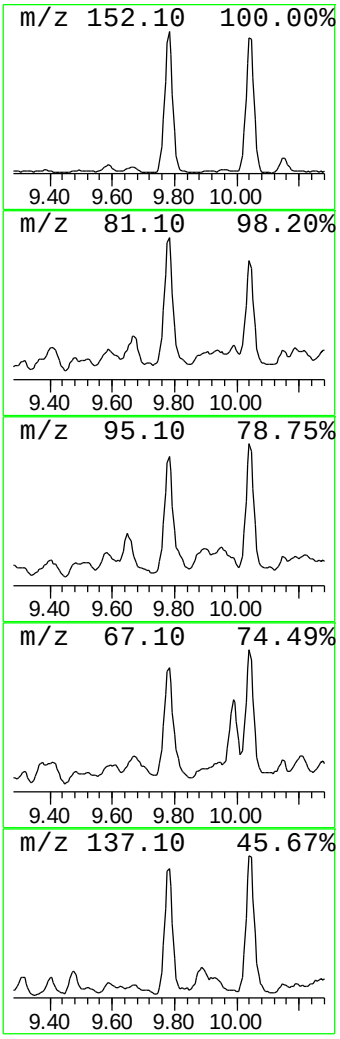
Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.93 ng/ul	1814840	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
5	Pulegone	152	C10H16O	000089-82-7	58





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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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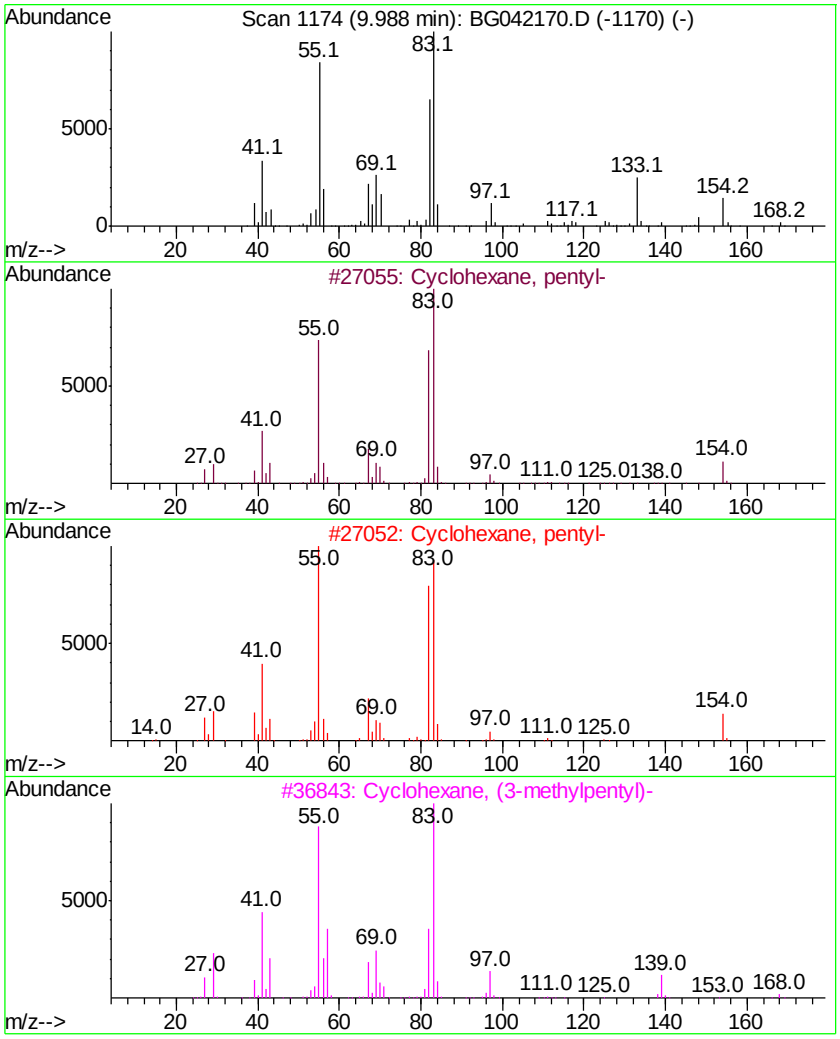
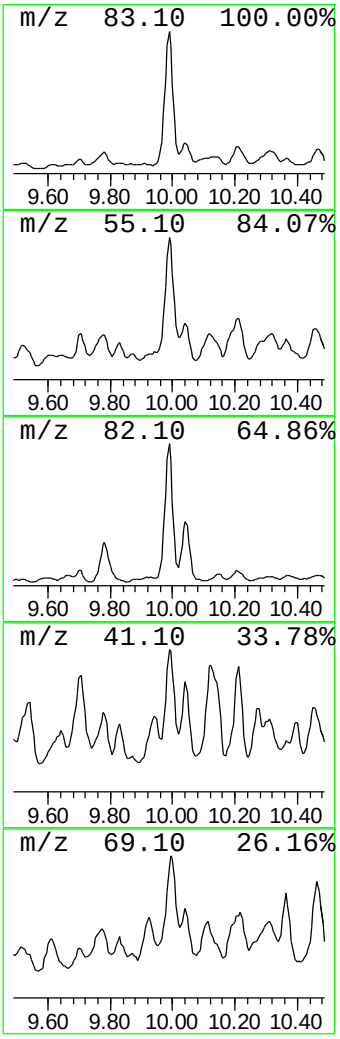
Peak Number 16 (DEL) Alkane: Cyclic9.99 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	5.22 ng/ul	3226010	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	58
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
5	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	53





Library Search Compound Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

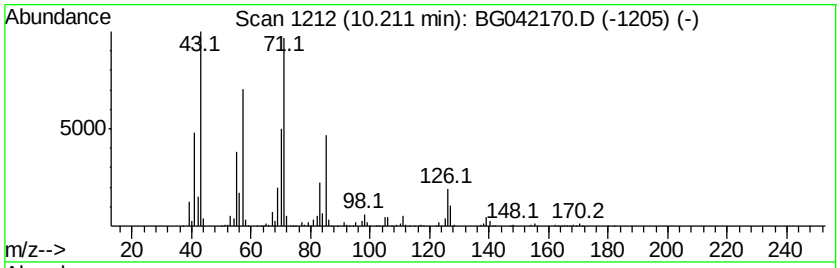
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

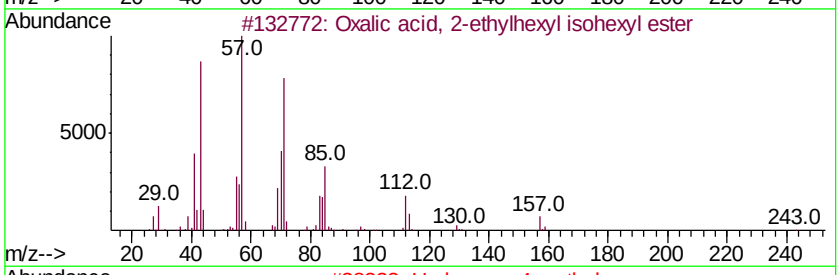
****

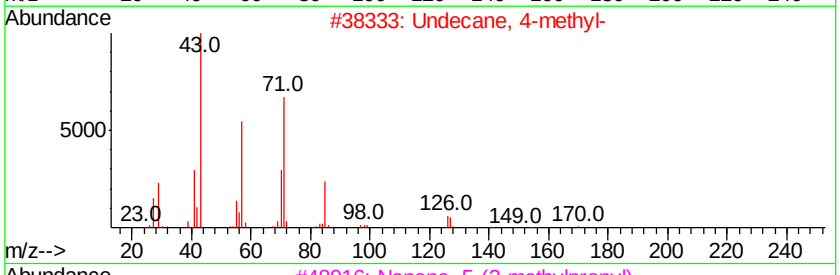
Peak Number 17 Oxalic acid, 2-ethylhexyl i... Concentration Rank 68

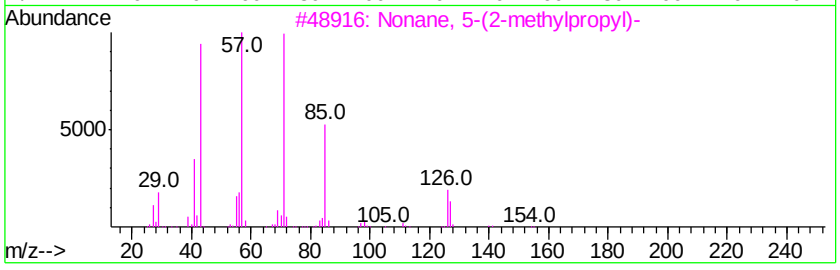
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.14 ng/ul	2559740	Naphthalene-d8	10.86

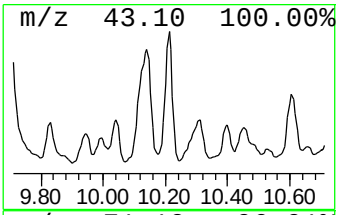
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	64
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	62
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	52
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50

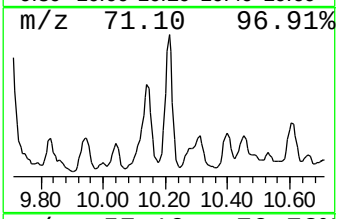


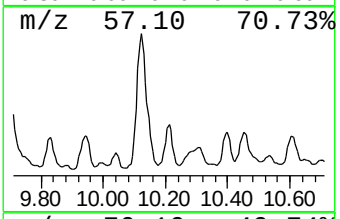


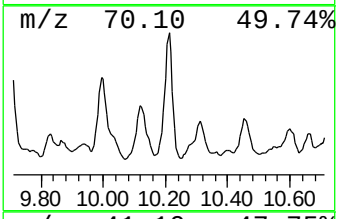


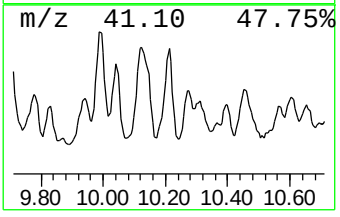












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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

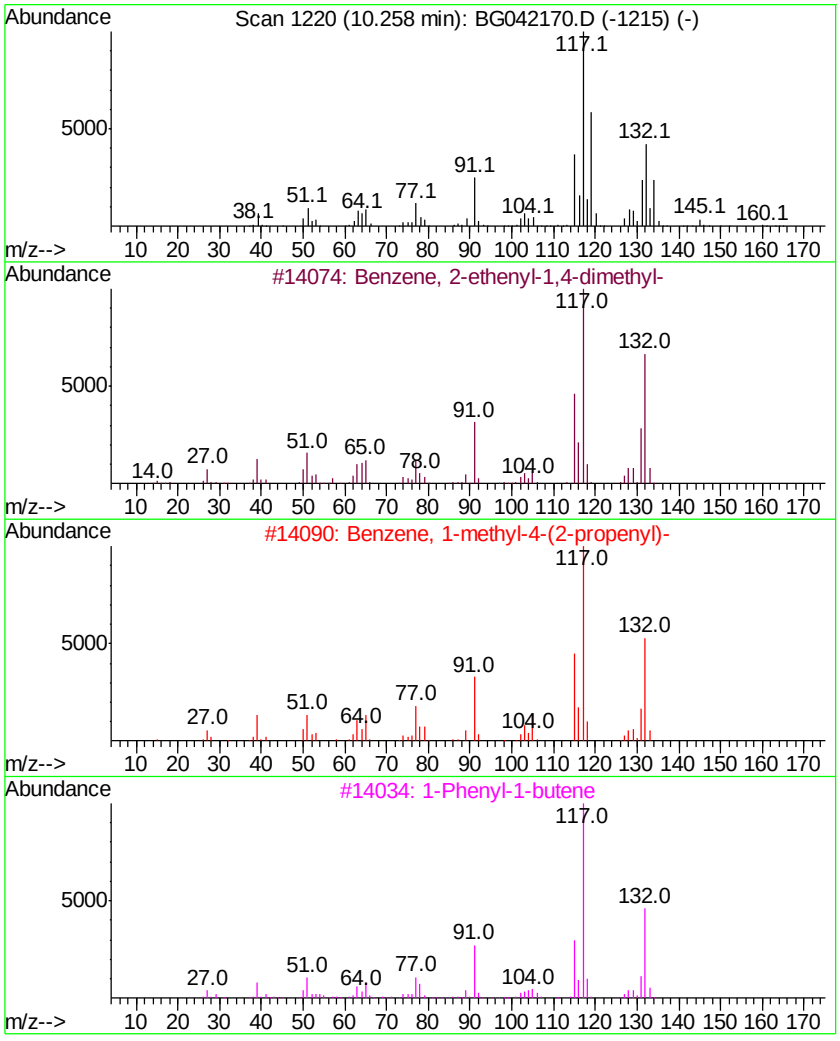
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

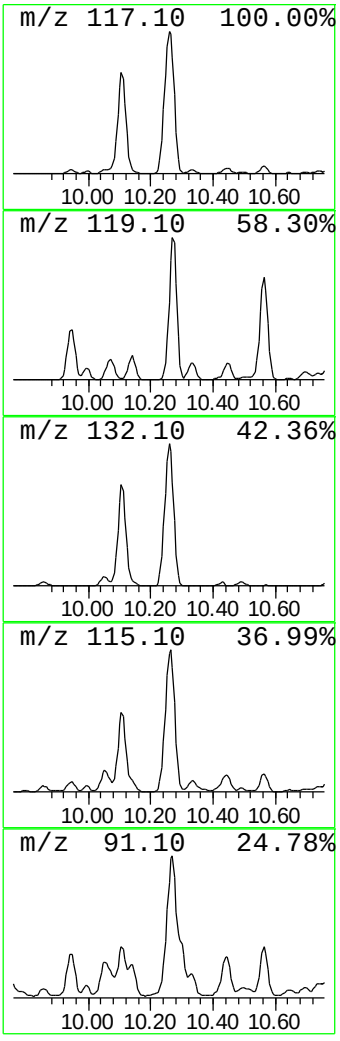
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	15.72 ng/ul	9722310	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55





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Acq On : 13 Aug 2019 8:10
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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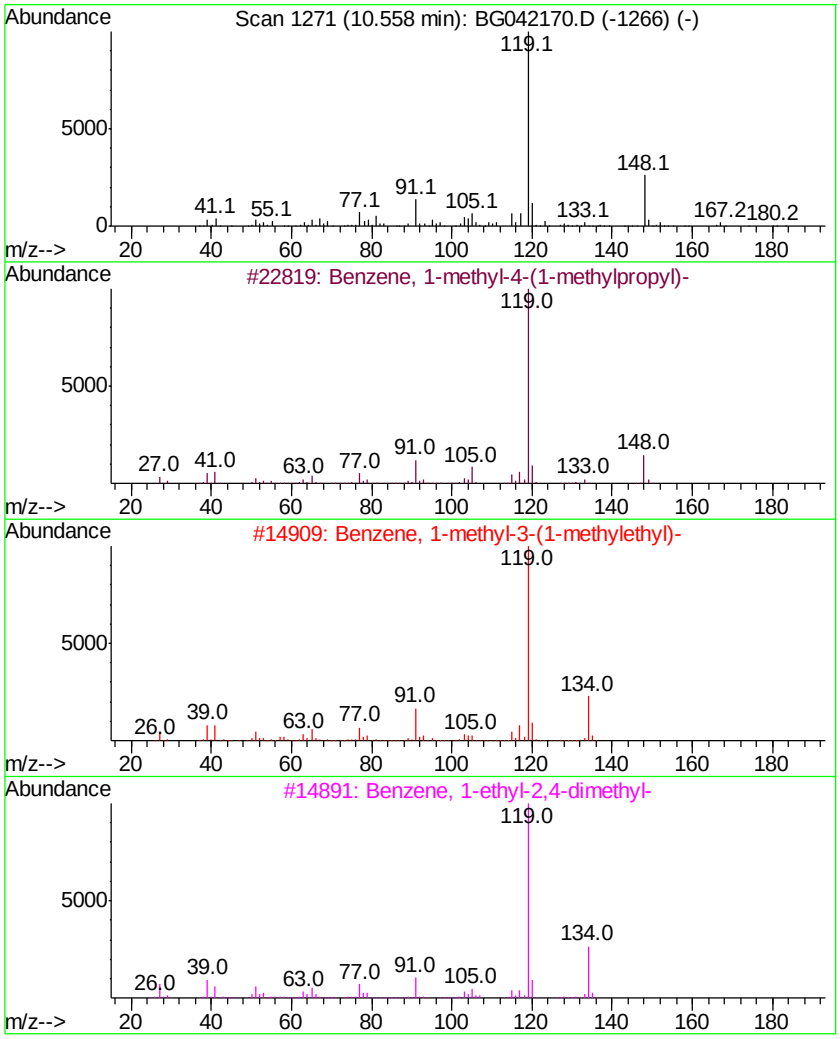
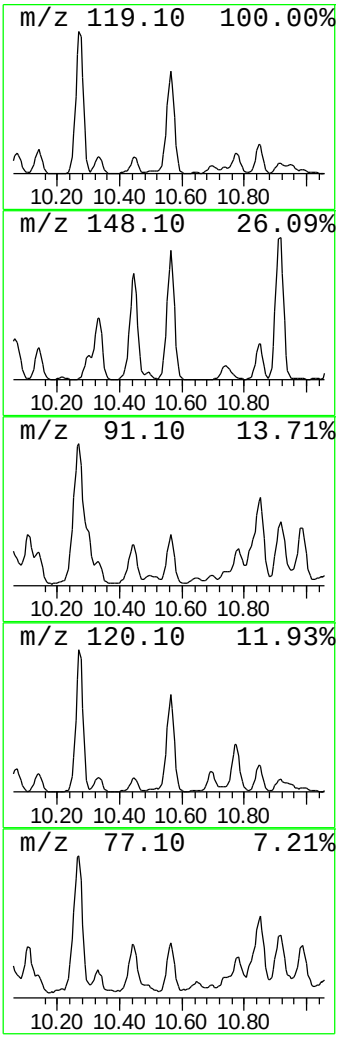
Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	5.33 ng/ul	3299200	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	86
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	74
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	64





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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

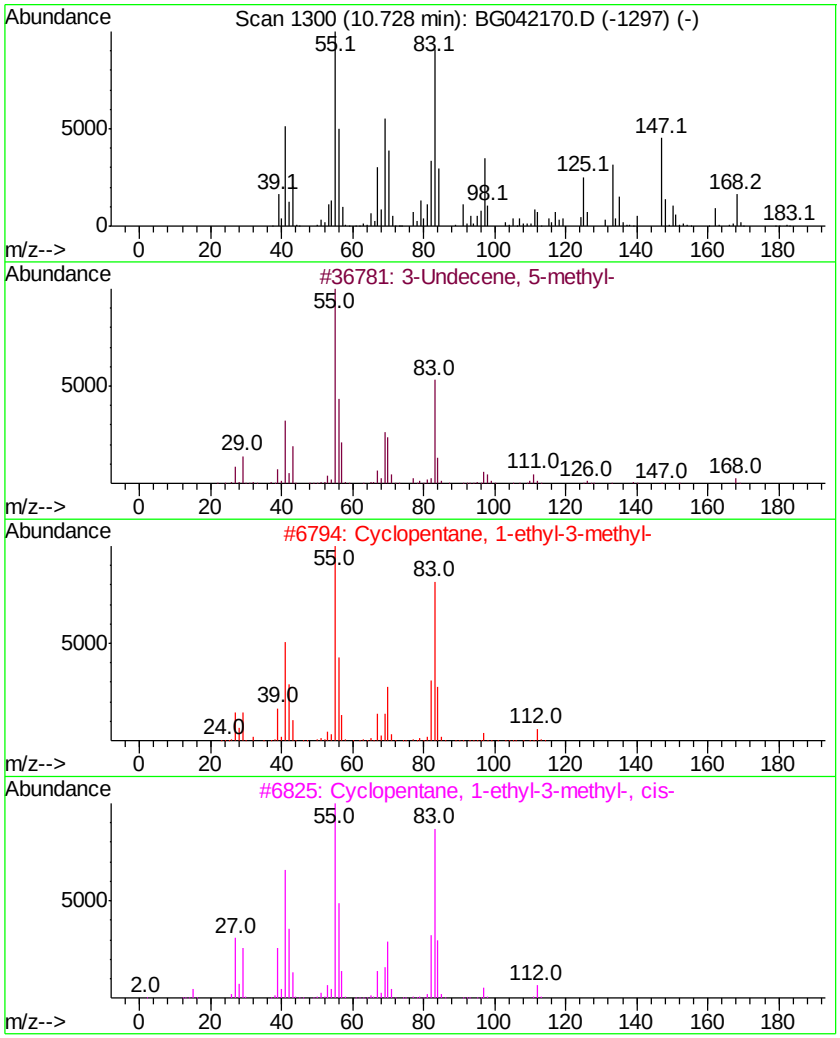
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

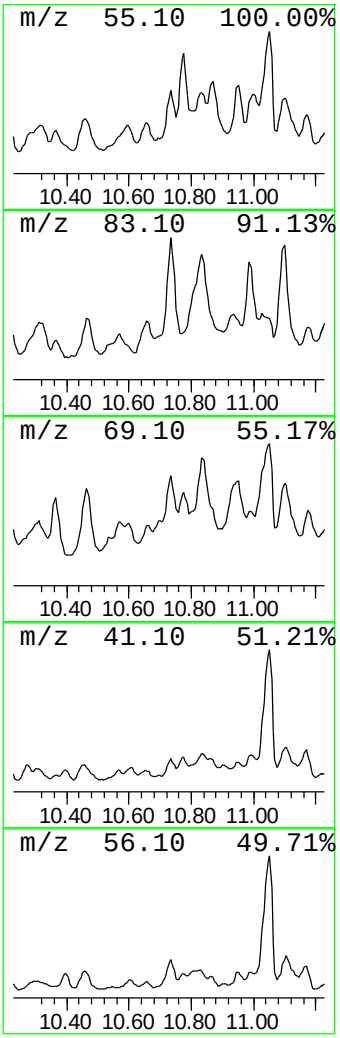
****

Peak Number 20 (DEL) Alkane: Cyclic10.73 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.98 ng/ul	1845820	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	55
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	46
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	46
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	38
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	38





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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

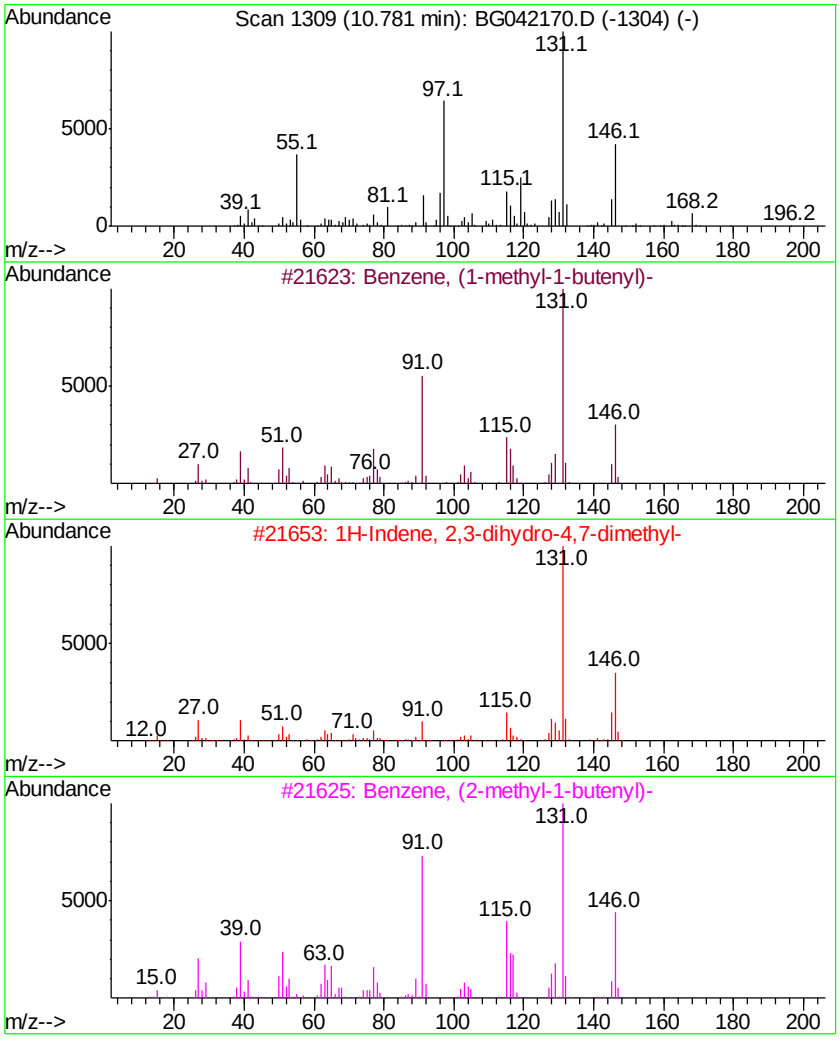
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

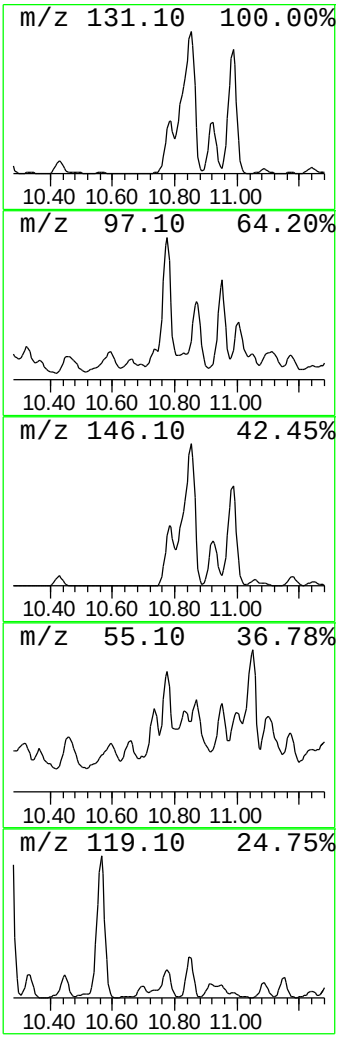
****

Peak Number 21 Benzene, (1-methyl-1-butenyl)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	7.28 ng/ul	4499440	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	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	55
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

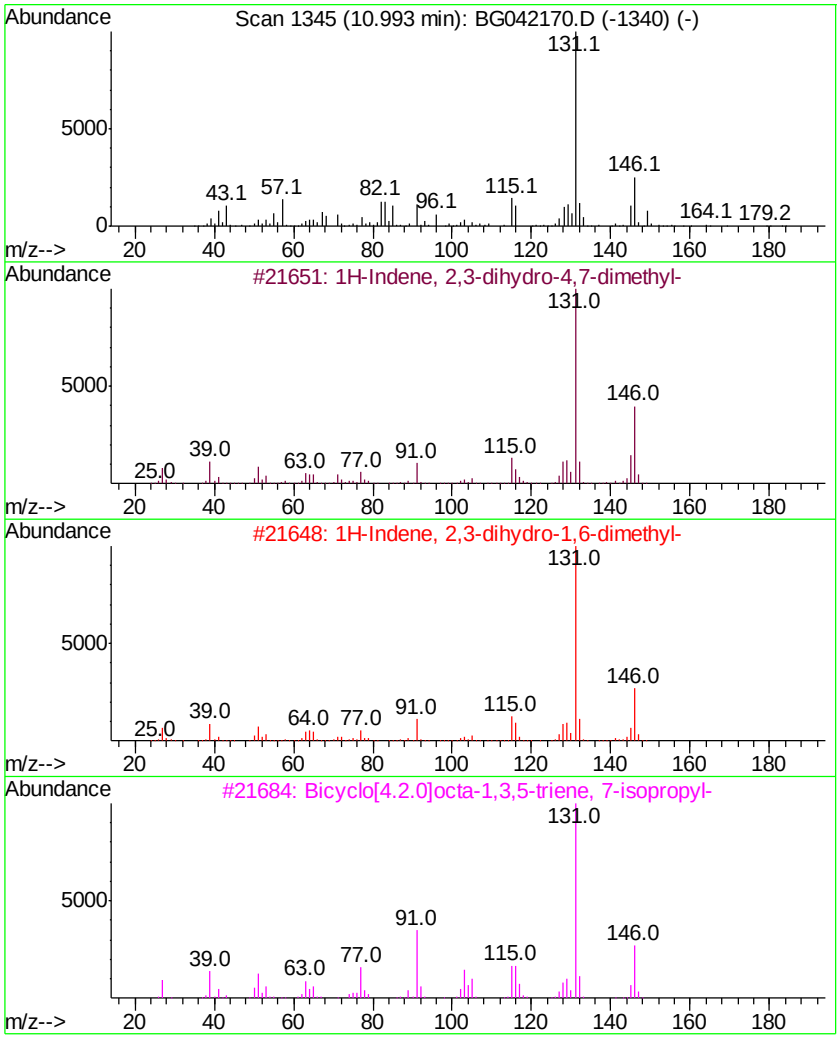
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

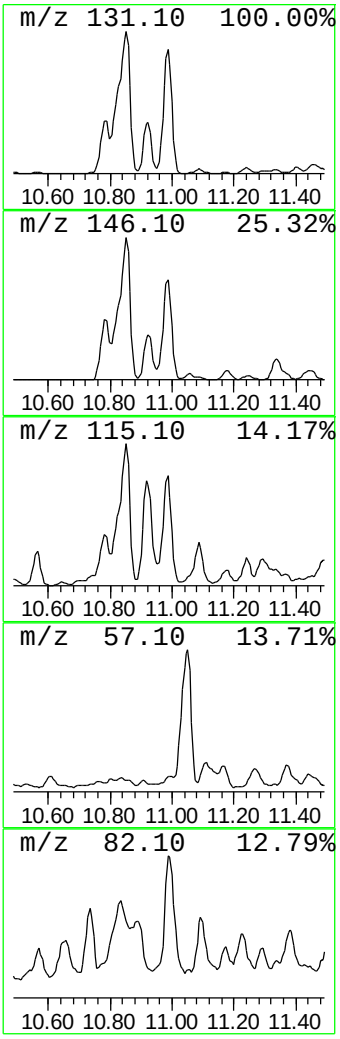
****

Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	10.42 ng/ul	6442470	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	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





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Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : ETOB7

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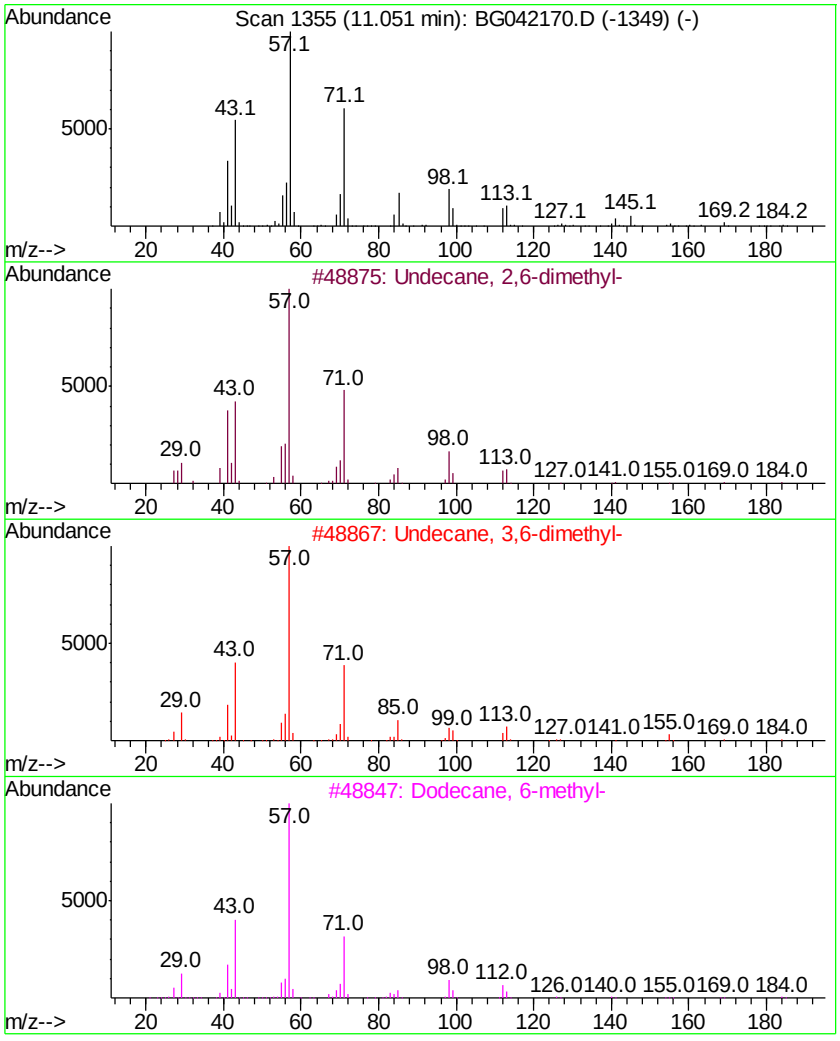
Quant Title : SVOA CALIBRATION

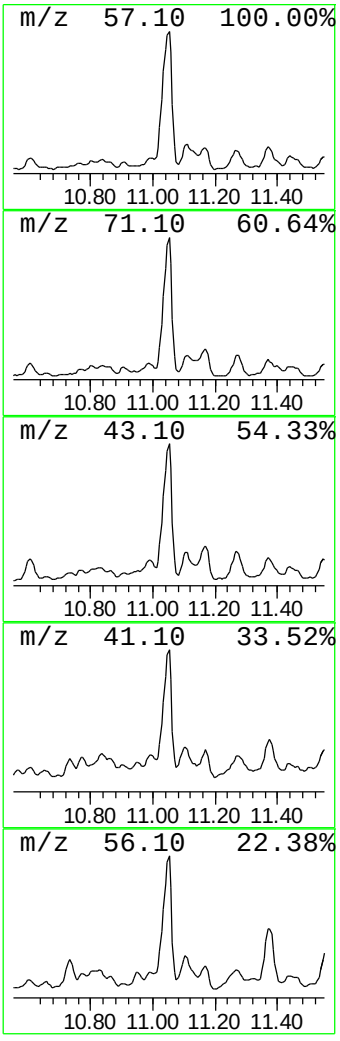
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	17.43 ng/ul	10779400	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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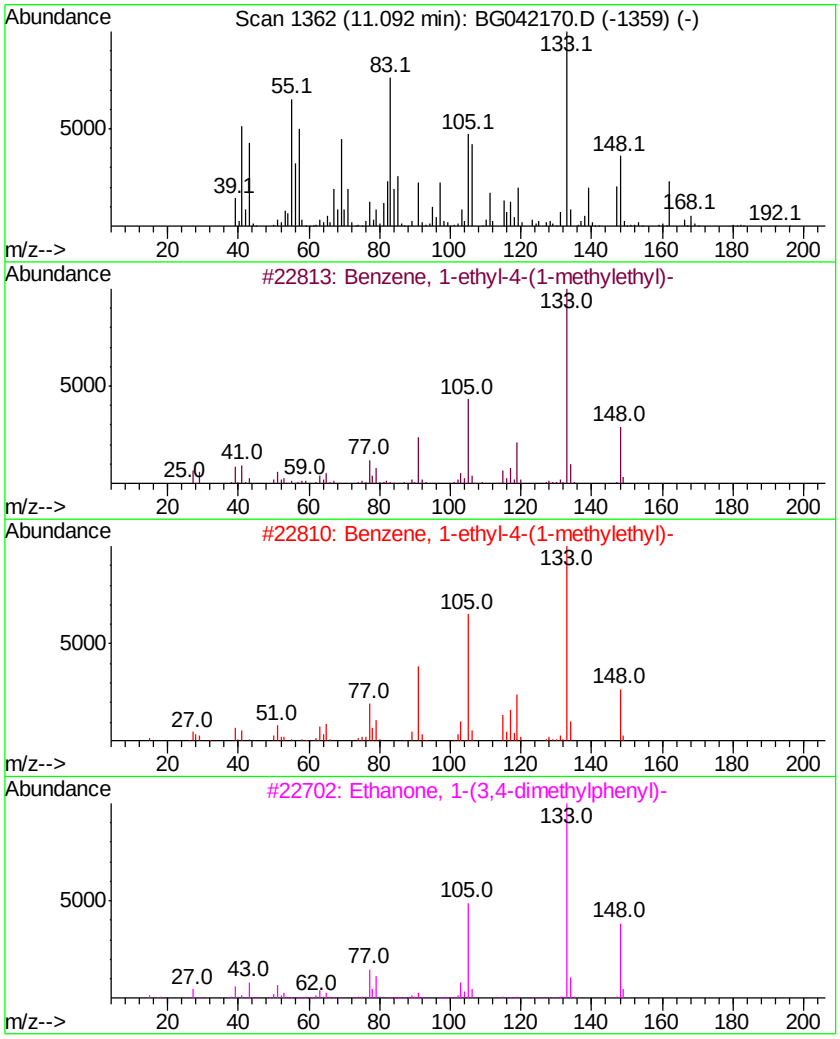
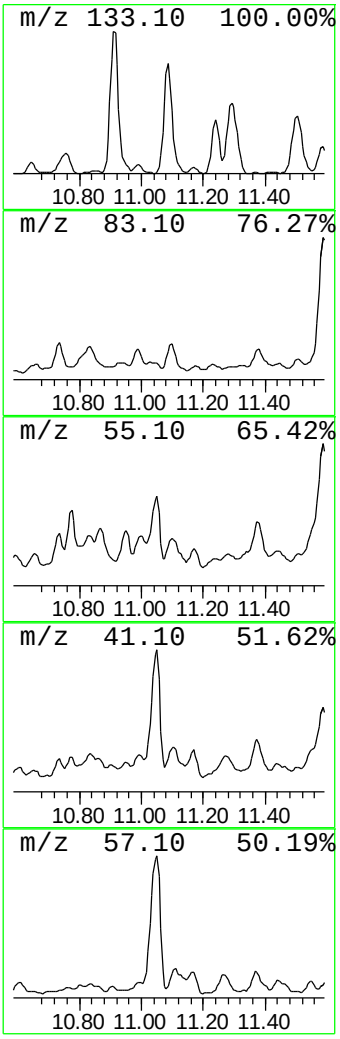
Peak Number 24 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	7.13 ng/ul	4407140	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	38
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	35
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	25
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	20





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Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

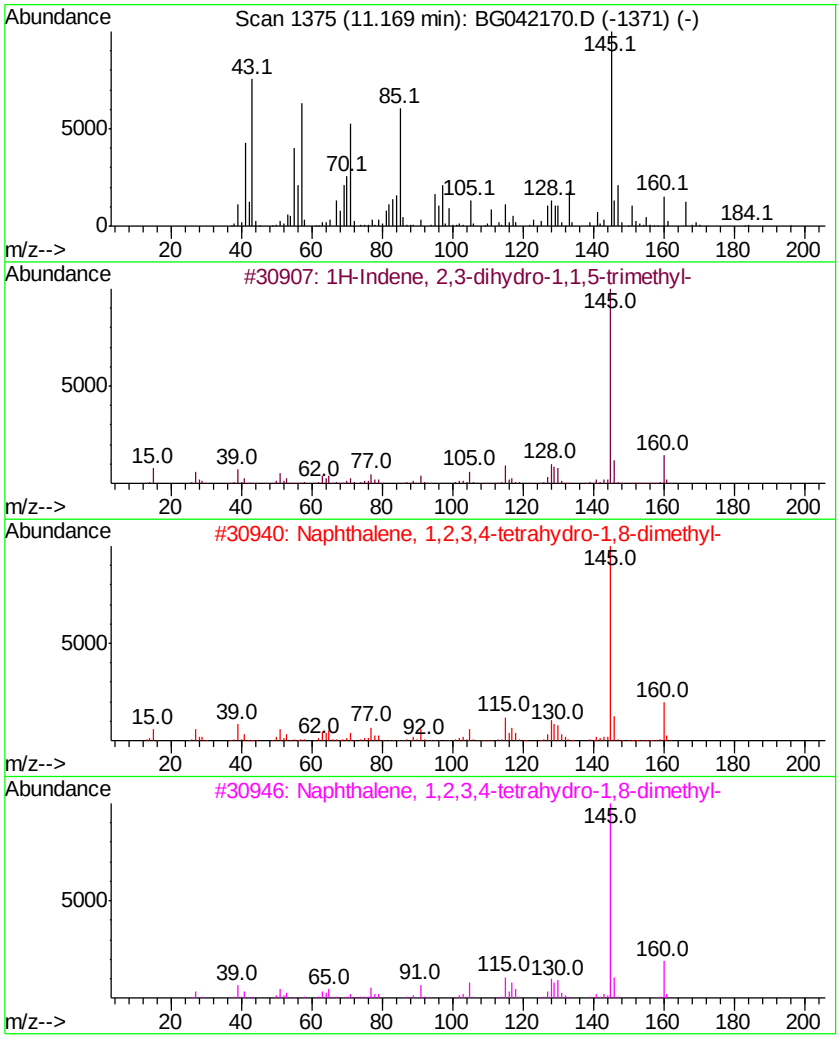
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

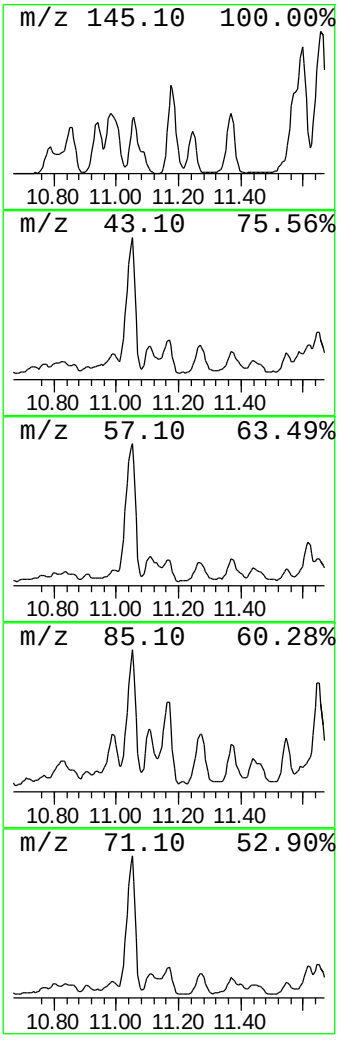
****

Peak Number 25 unknown-04 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	4.35 ng/ul	2690620	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	30





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

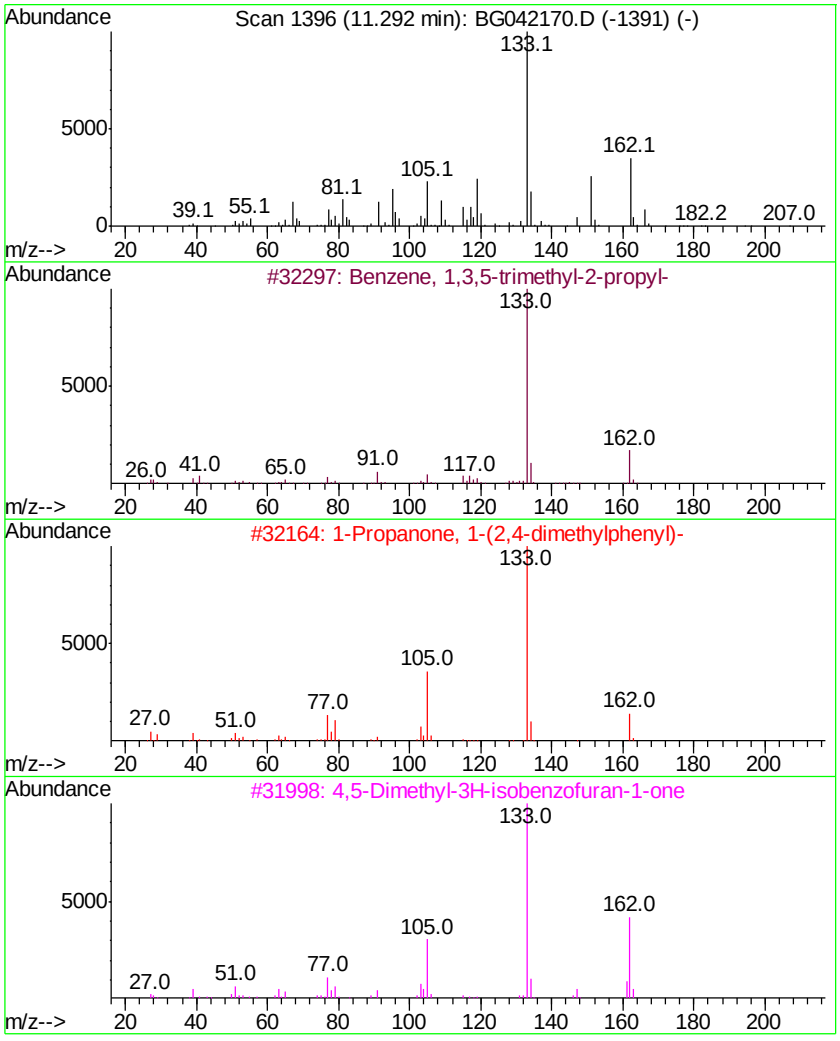
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

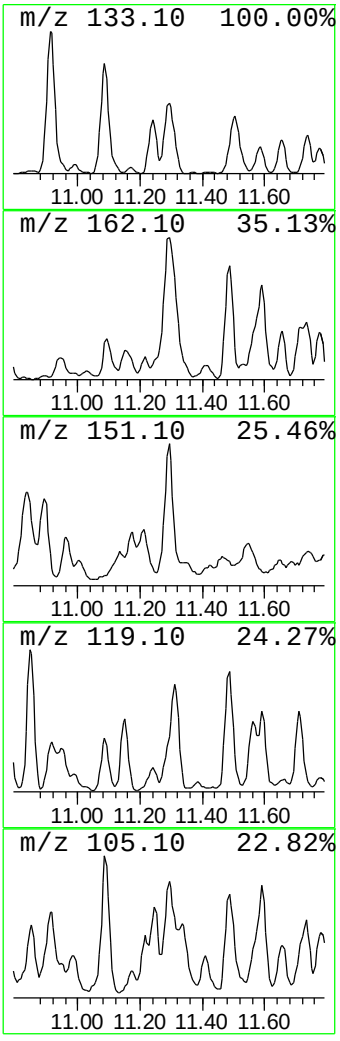
****

Peak Number 26 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.23 ng/ul	3232940	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	64
2	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	47
3	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	43
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	40
5	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	38





Library Search Compound Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

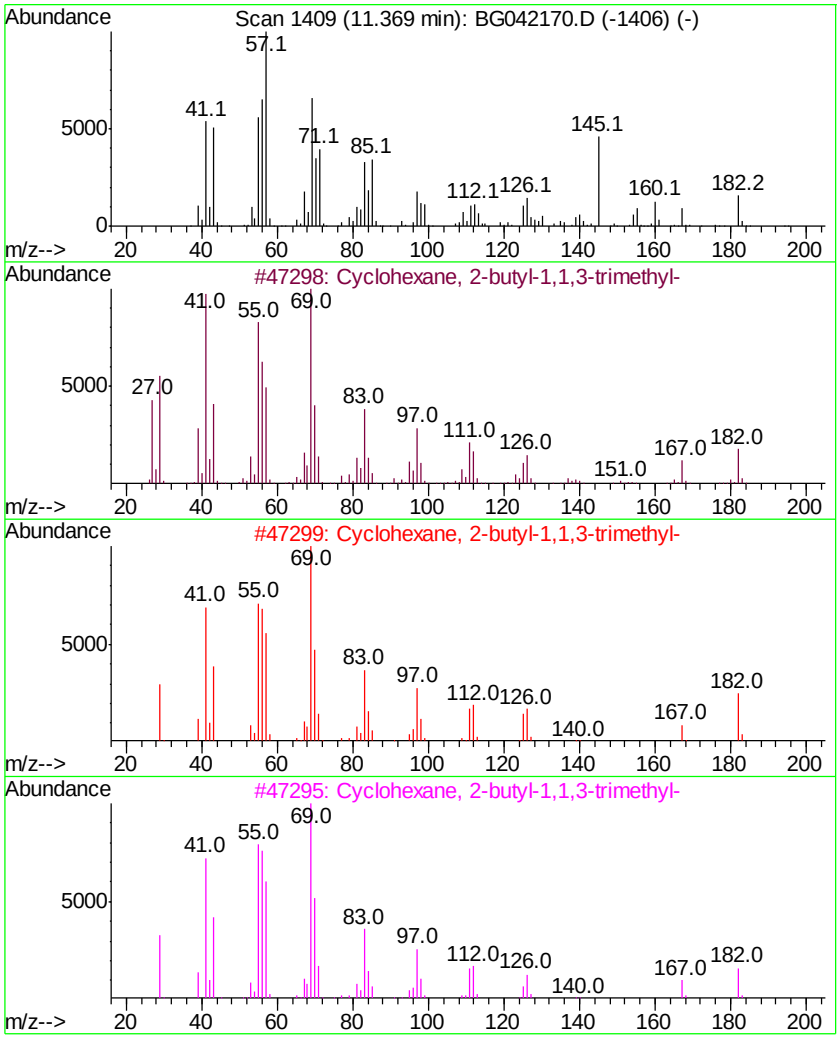
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

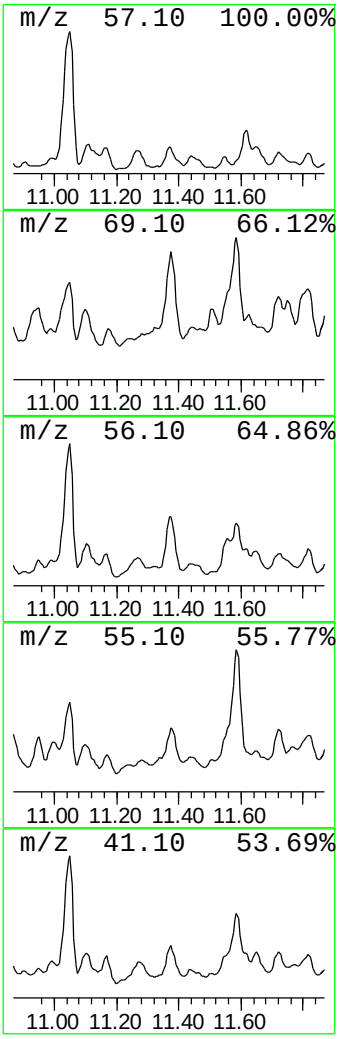
****

Peak Number 27 (DEL) Alkane: Cyclic11.37 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	4.78 ng/ul	2955110	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	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	76
5	6-Tridecene, (E)-	182	C13H26	006434-76-0	74





Library Search Compound Report

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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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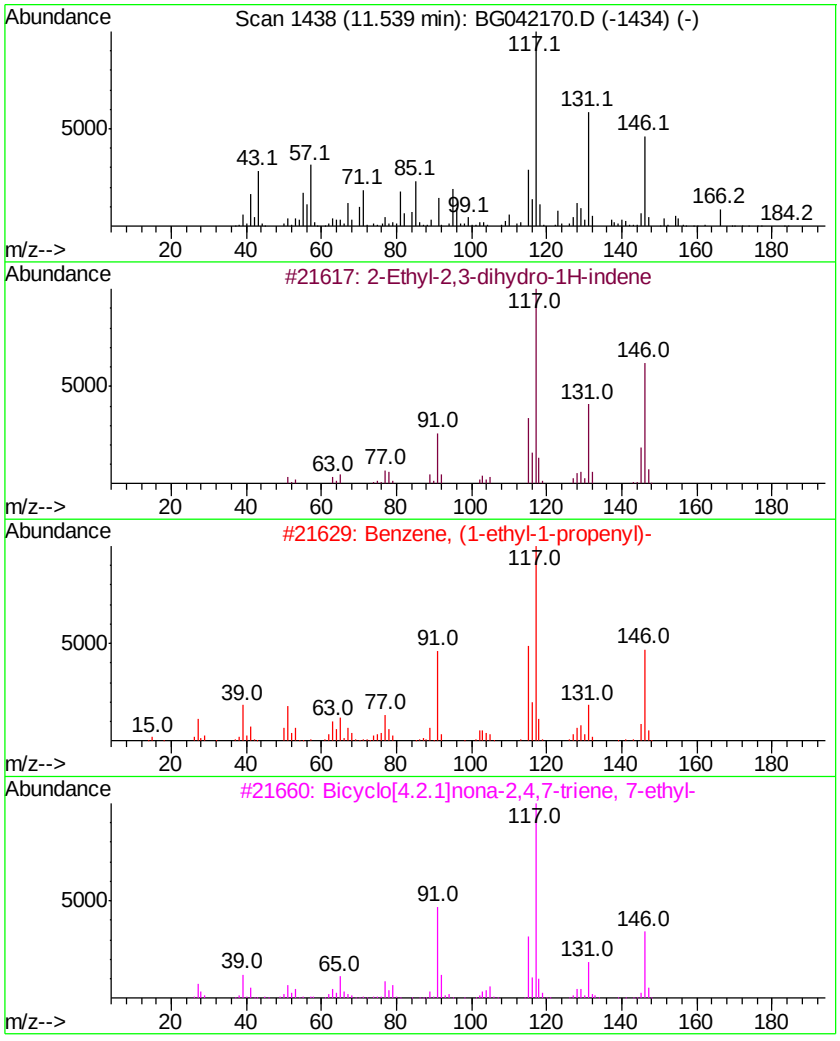
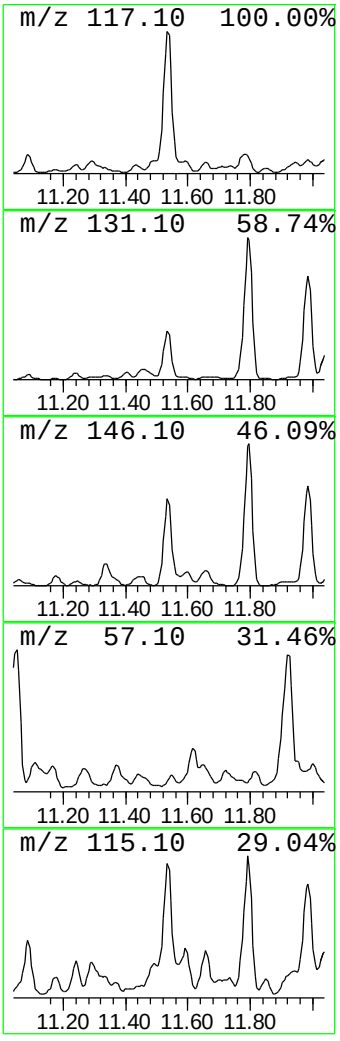
Peak Number 28 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.50 ng/ul	2781440	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	68
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
3	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	59
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	53
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	50





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Operator : HP/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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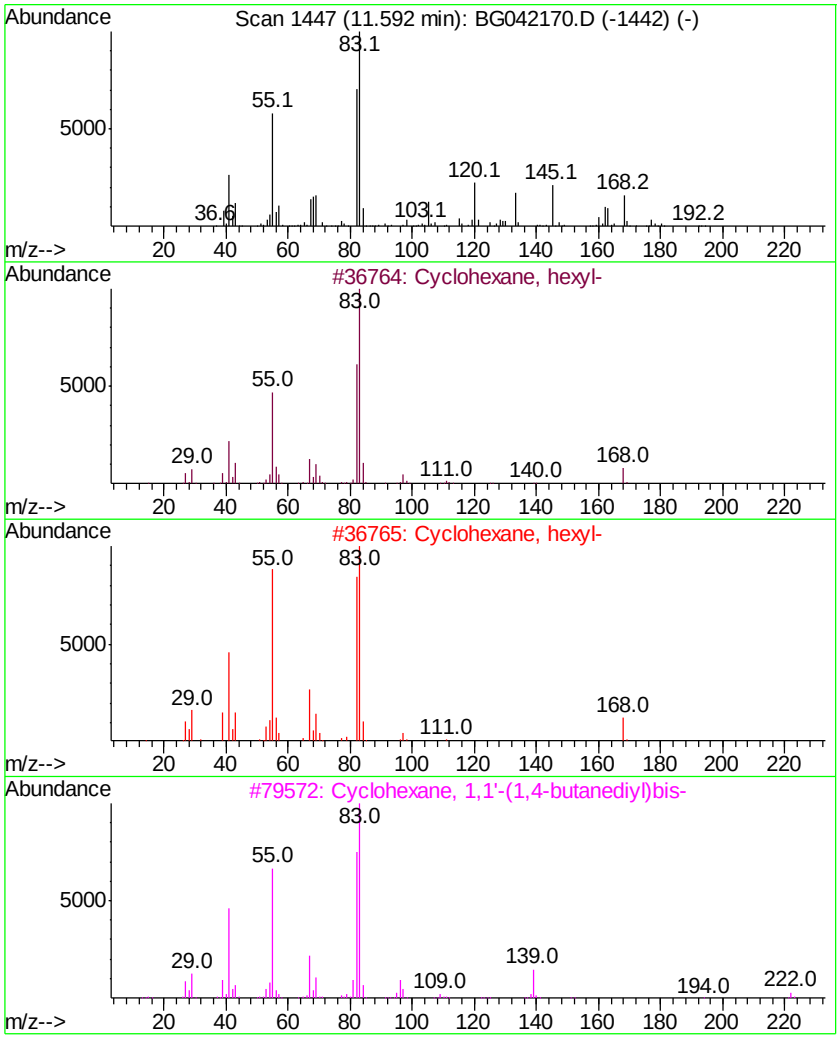
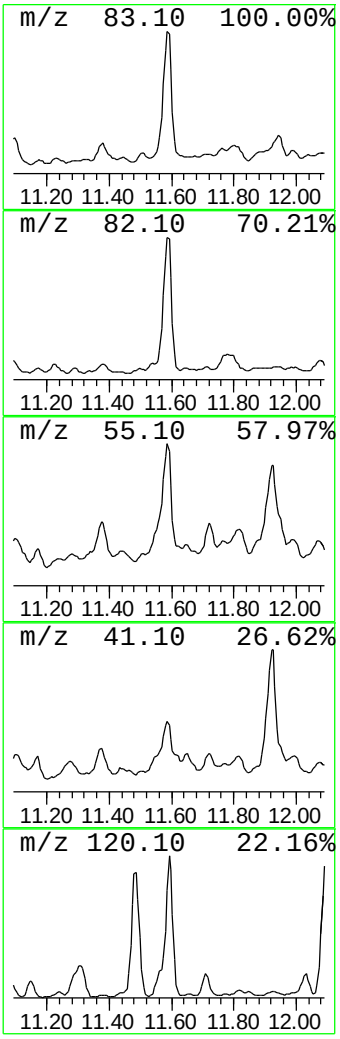
Peak Number 29 (DEL) Alkane: Cyclic11.59 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	10.70 ng/ul	6616310	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, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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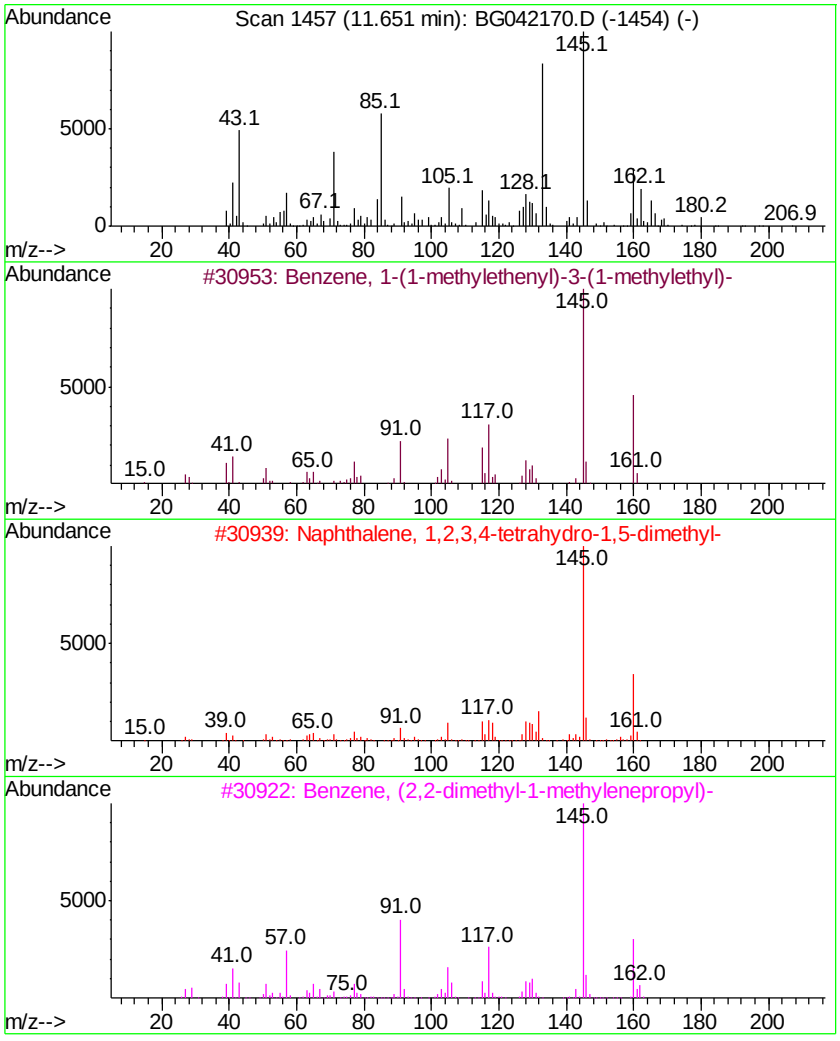
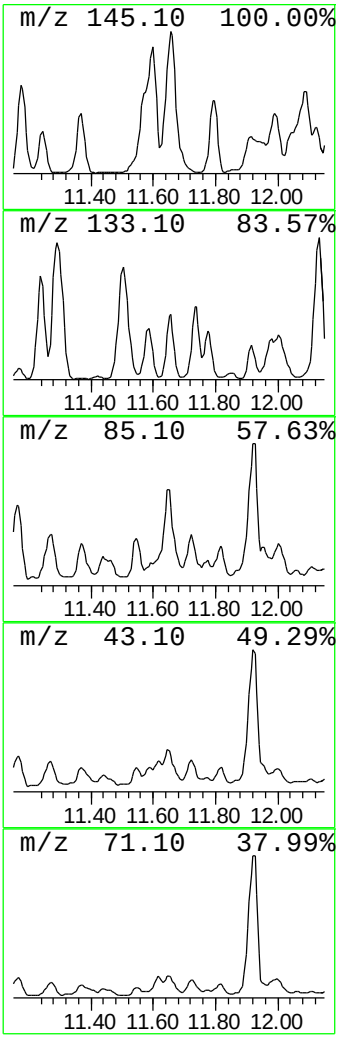
Peak Number 30 Benzene, 1-(1-methylethenyl... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.62 ng/ul	2855740	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	60
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	46
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	46
5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	46





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

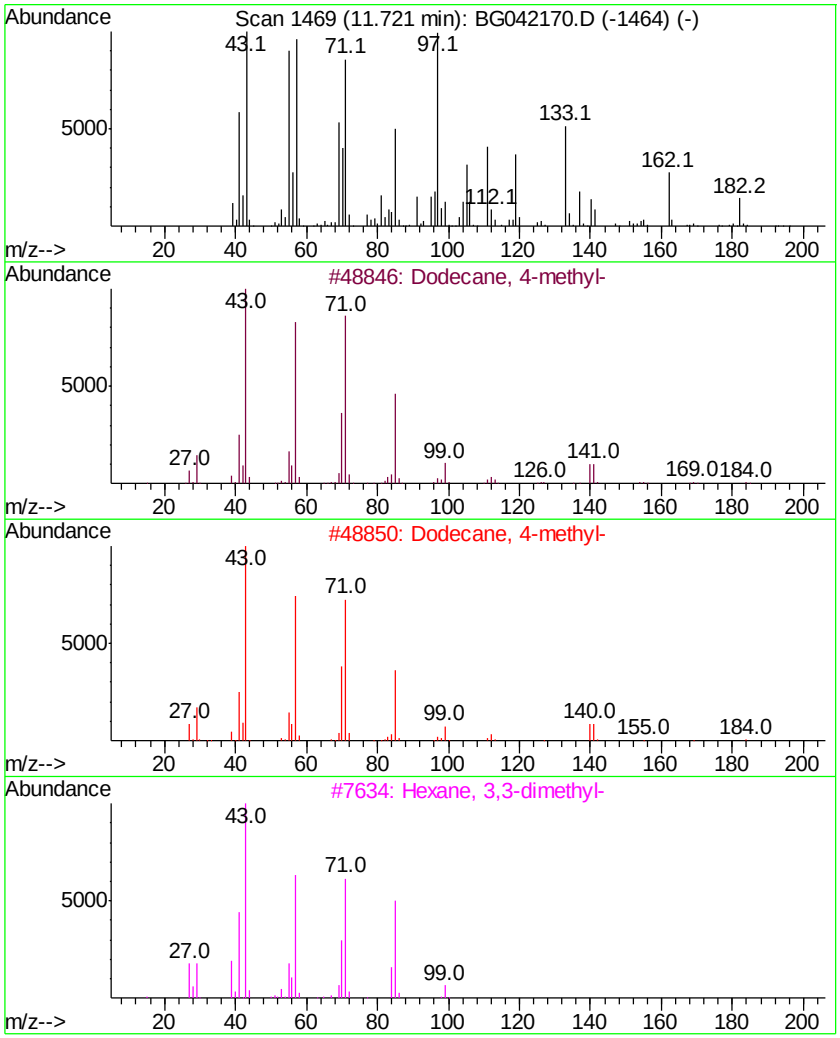
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

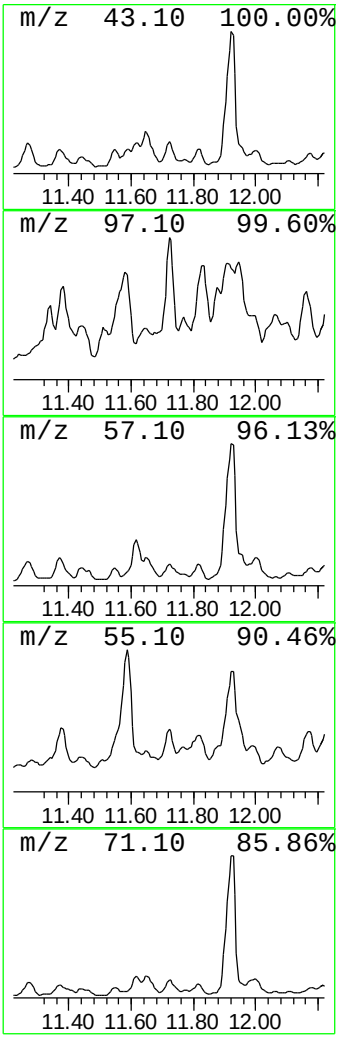
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.20 ng/ul	2600410	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	89
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	46
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	30
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	25
5	Decane, 5-propyl-	184	C13H28	017312-62-8	25





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

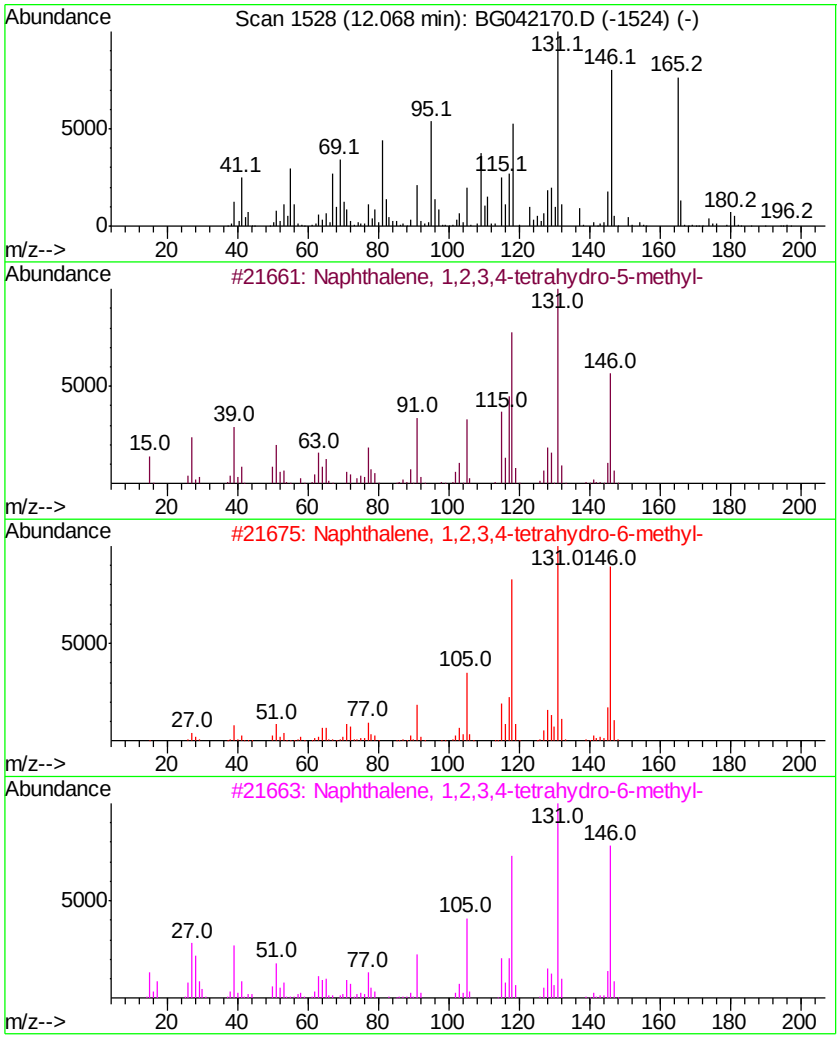
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

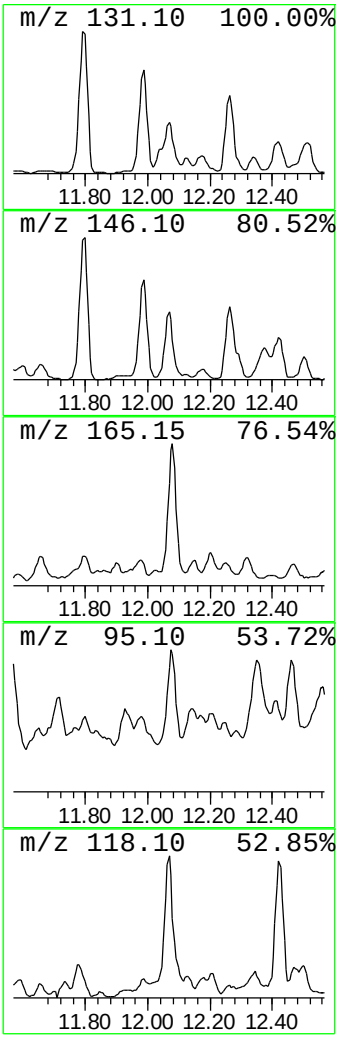
****

Peak Number 34 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	7.36 ng/ul	4552050	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38





Library Search Compound Report

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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

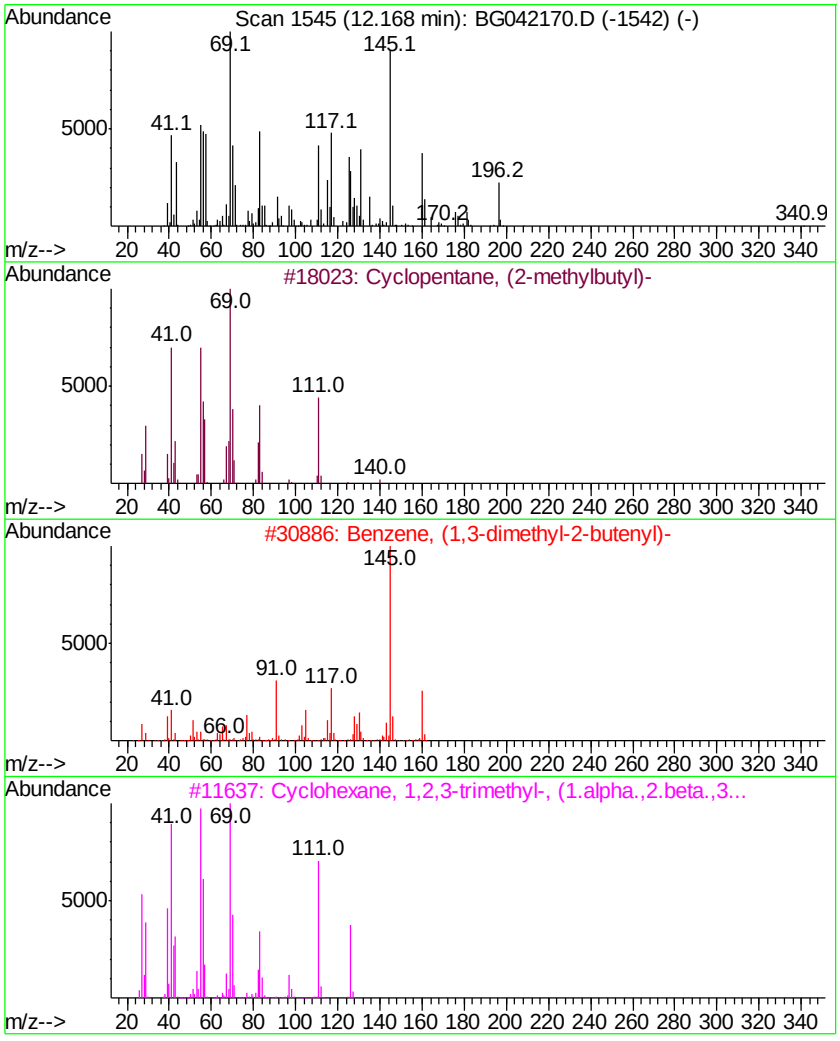
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

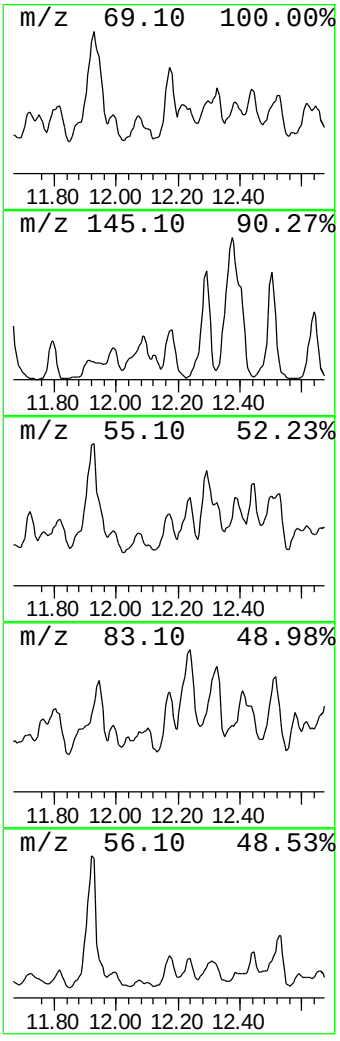
****

Peak Number 35 (DEL) Alkane: Cyclic12.17 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.55 ng/ul	2192840	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	38
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	30
4	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	25
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	18





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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

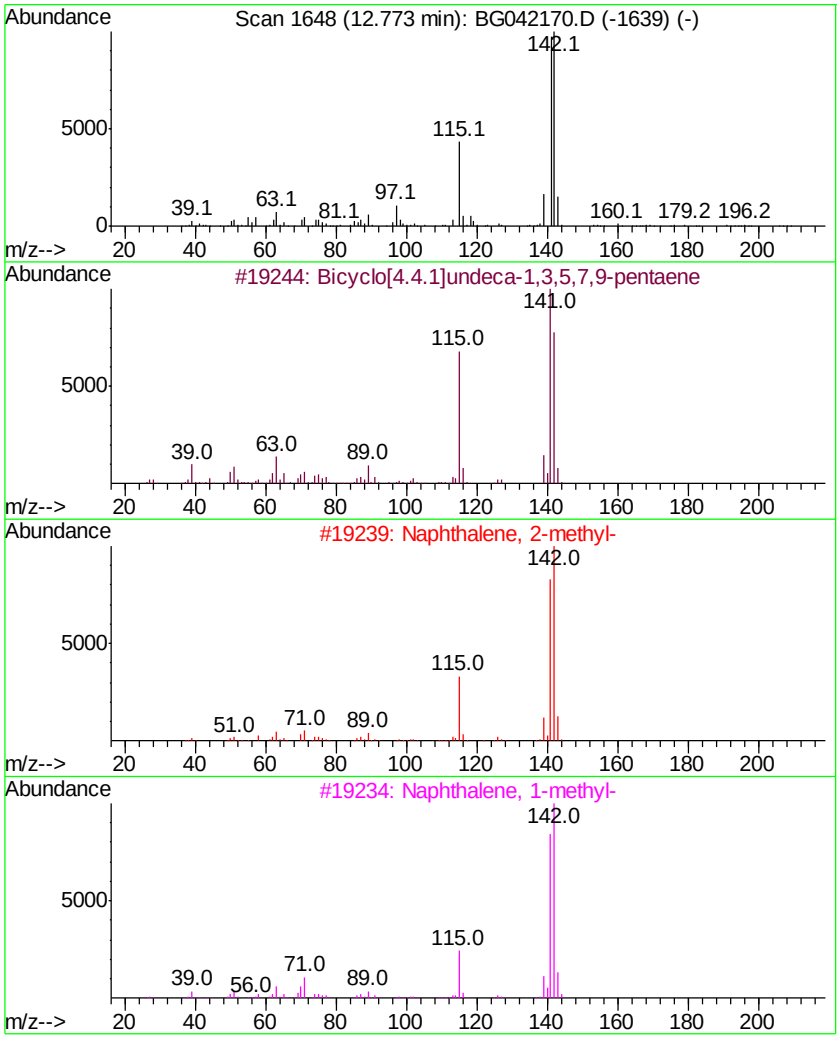
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

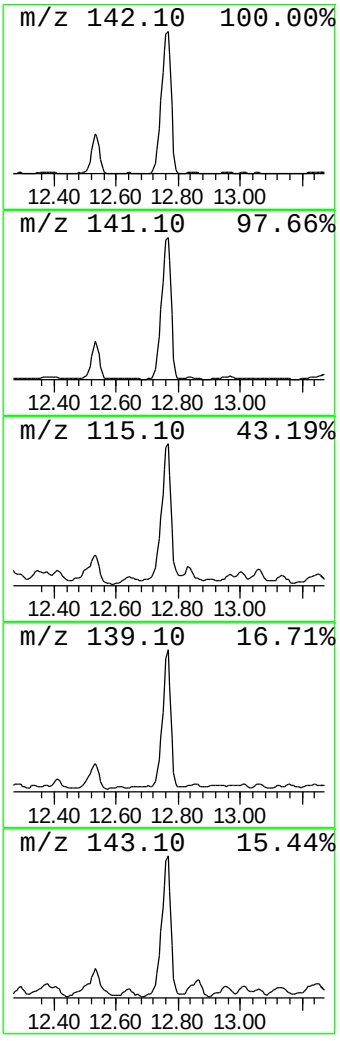
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	23.14 ng/ul	14308900	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

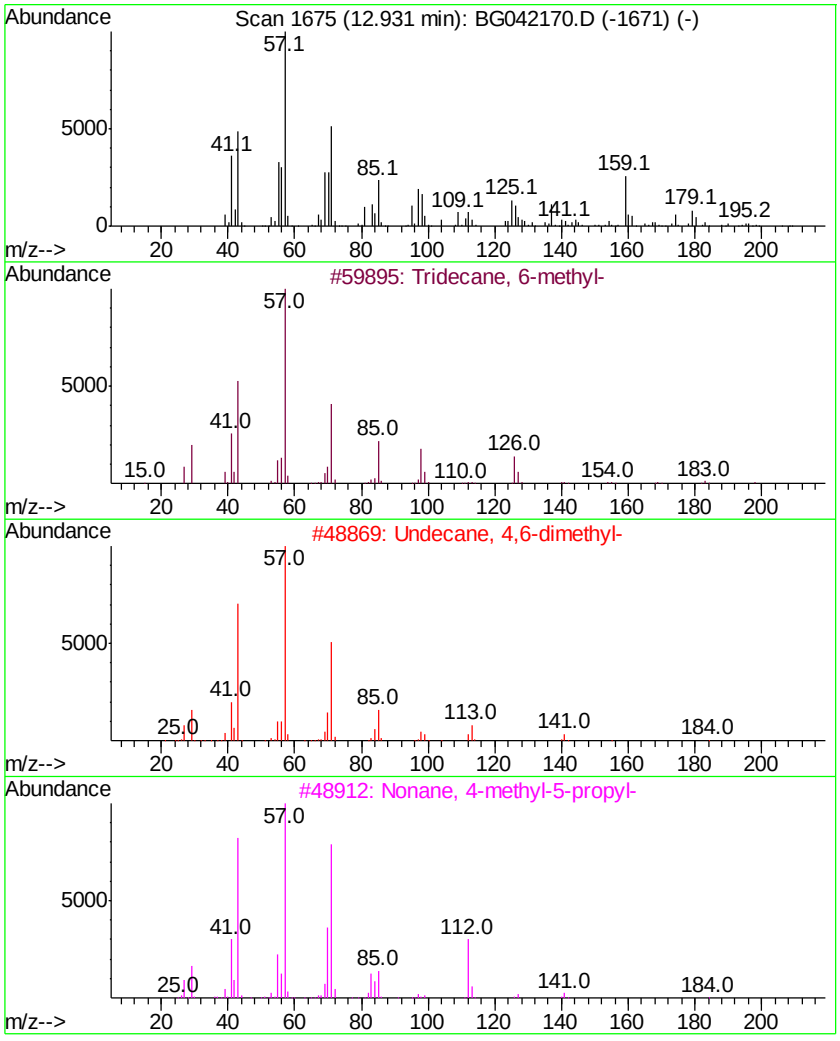
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

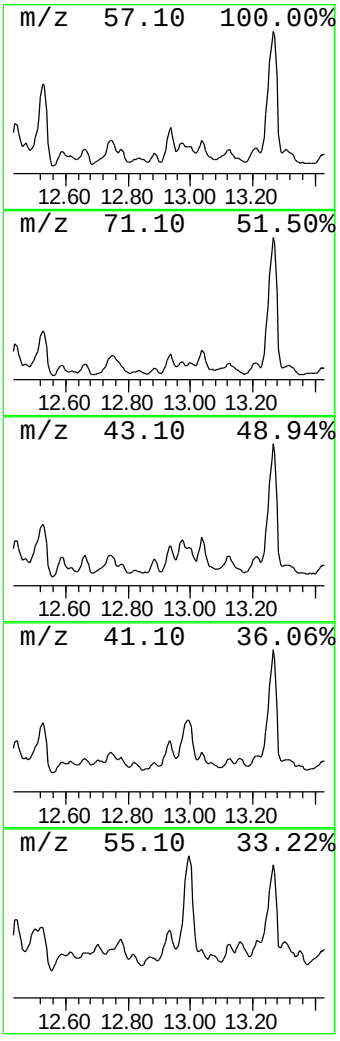
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	6.88 ng/ul	2674960	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	42
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	38
4	Tritetracontane	605	C43H88	007098-21-7	35
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	35





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

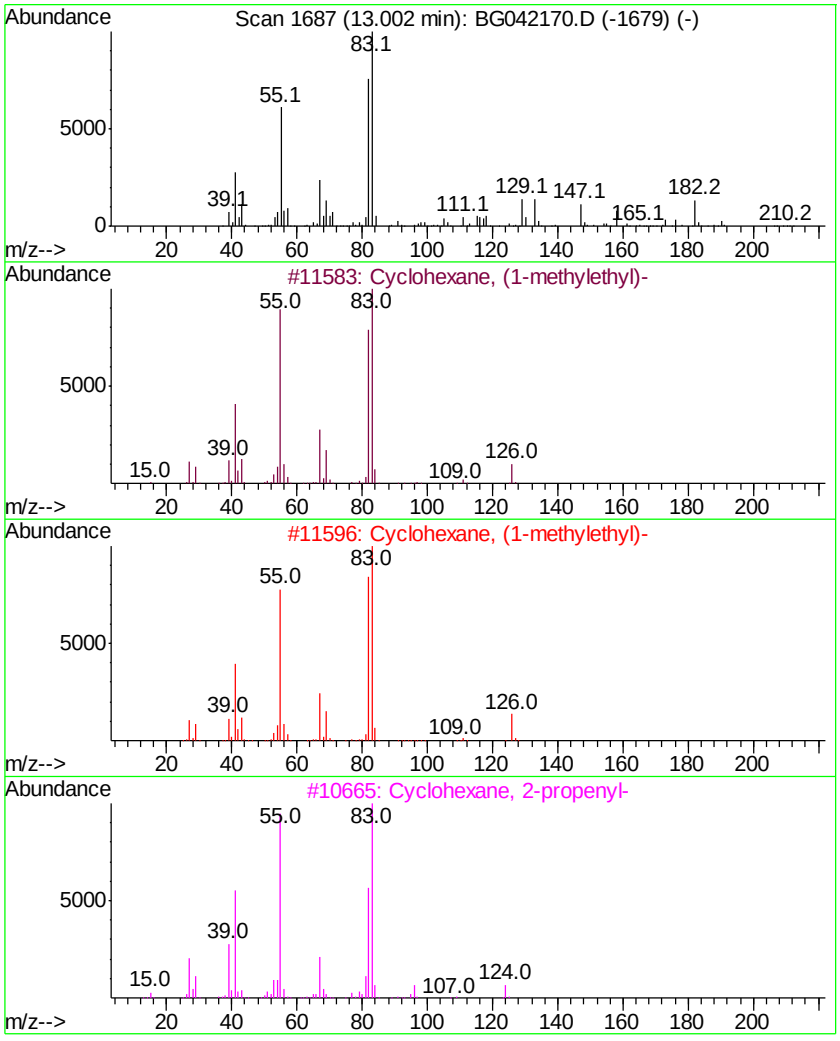
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

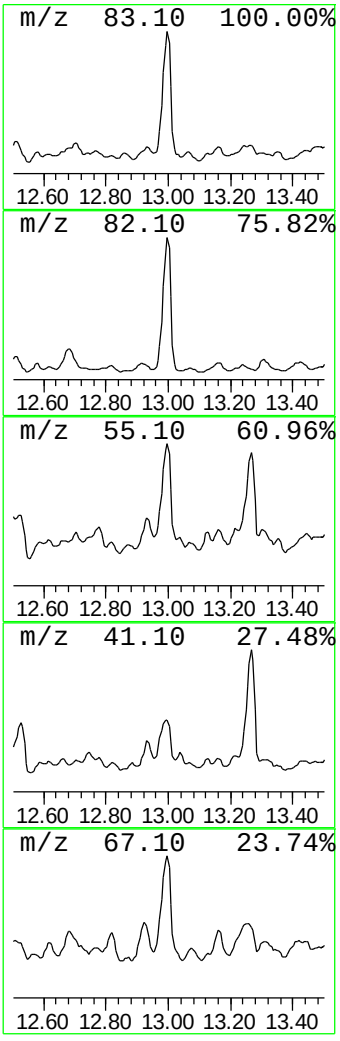
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic13.00 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	16.96 ng/ul	6591920	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





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Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

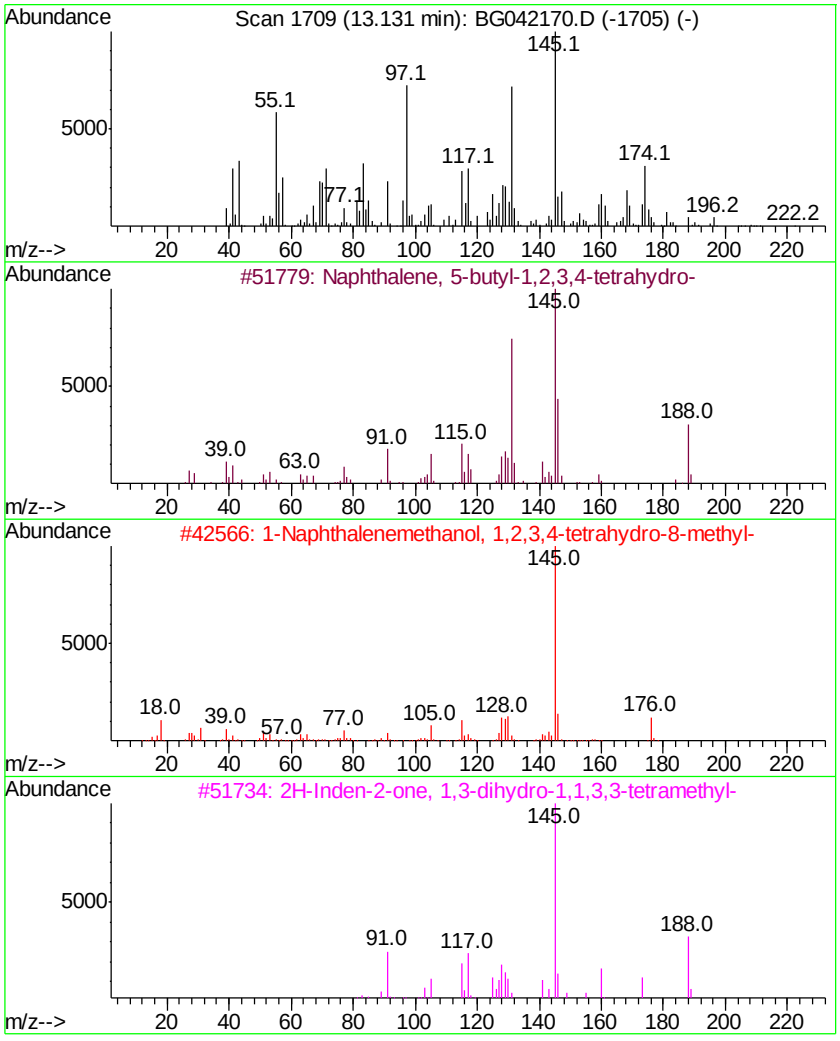
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

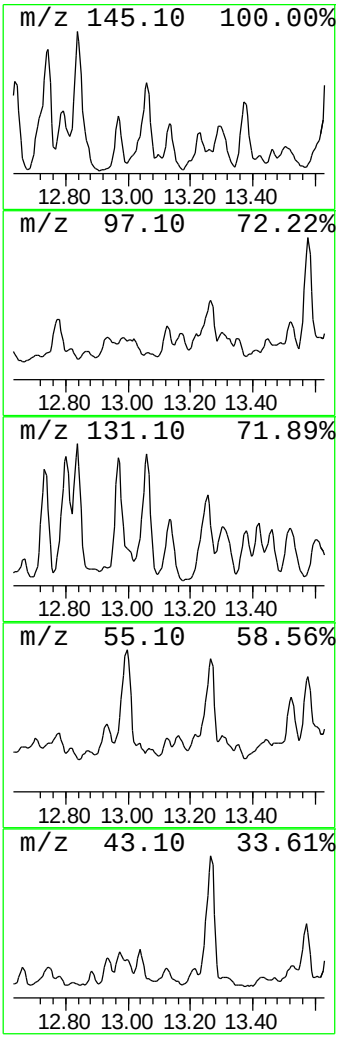
****

Peak Number 39 Naphthalene, 5-butyl-1,2,3,... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.22 ng/ul	1642000	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 5-butyl-1,2,3,4-tet...	188	C14H20	066325-42-6	60
2	1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	42
3	2H-Inden-2-one, 1,3-dihydro-1,1,...	188	C13H16O	005689-12-3	42
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	35
5	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	35





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ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

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

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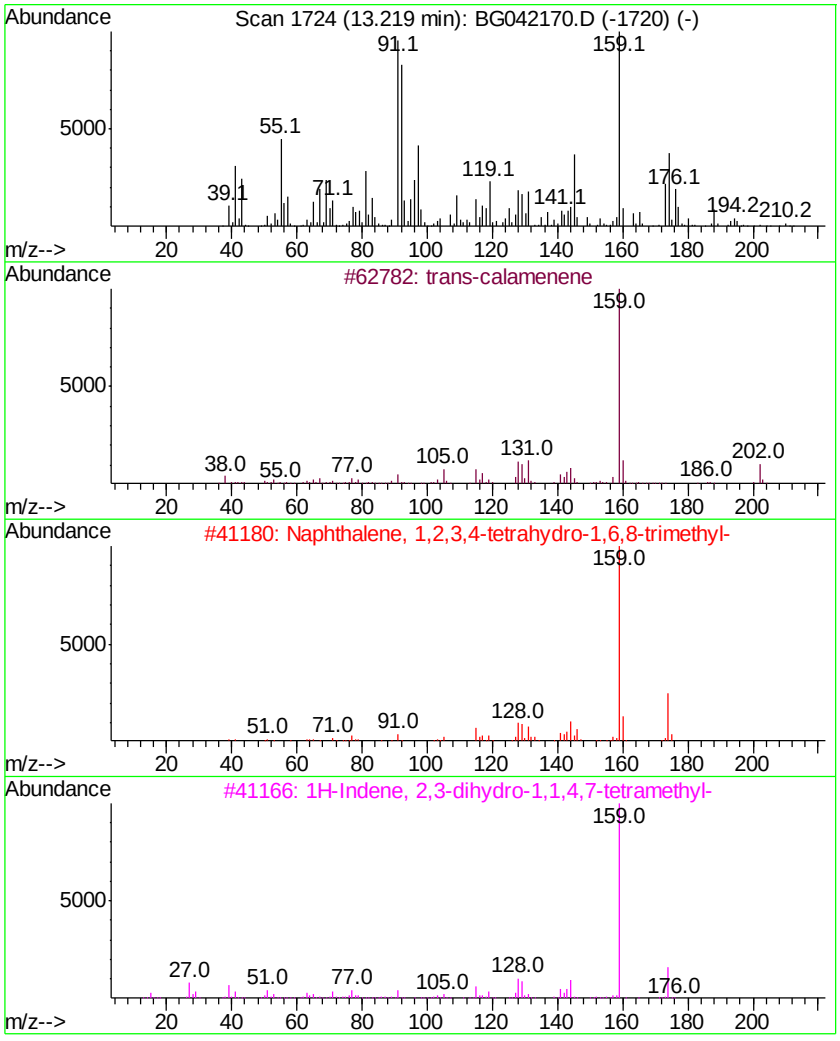
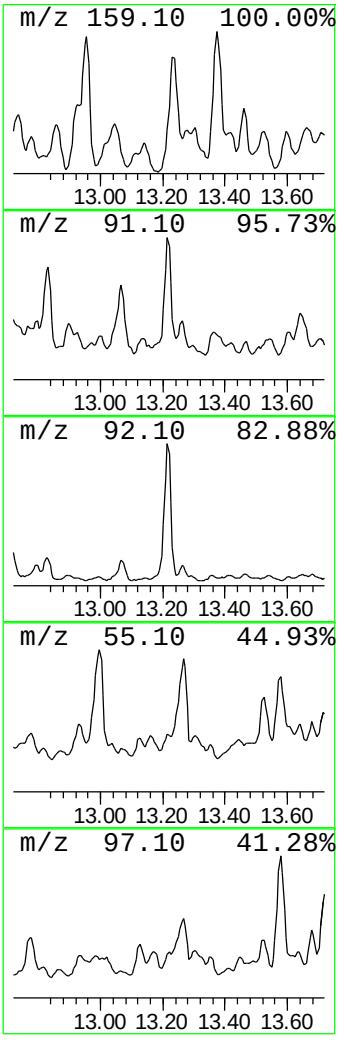
Peak Number 40 trans-calamenene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.62 ng/ul	1794460	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-calamenene	202	C15H22	1000374-17-3	53
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	44
3	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	38
4	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	35





Library Search Compound Report

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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

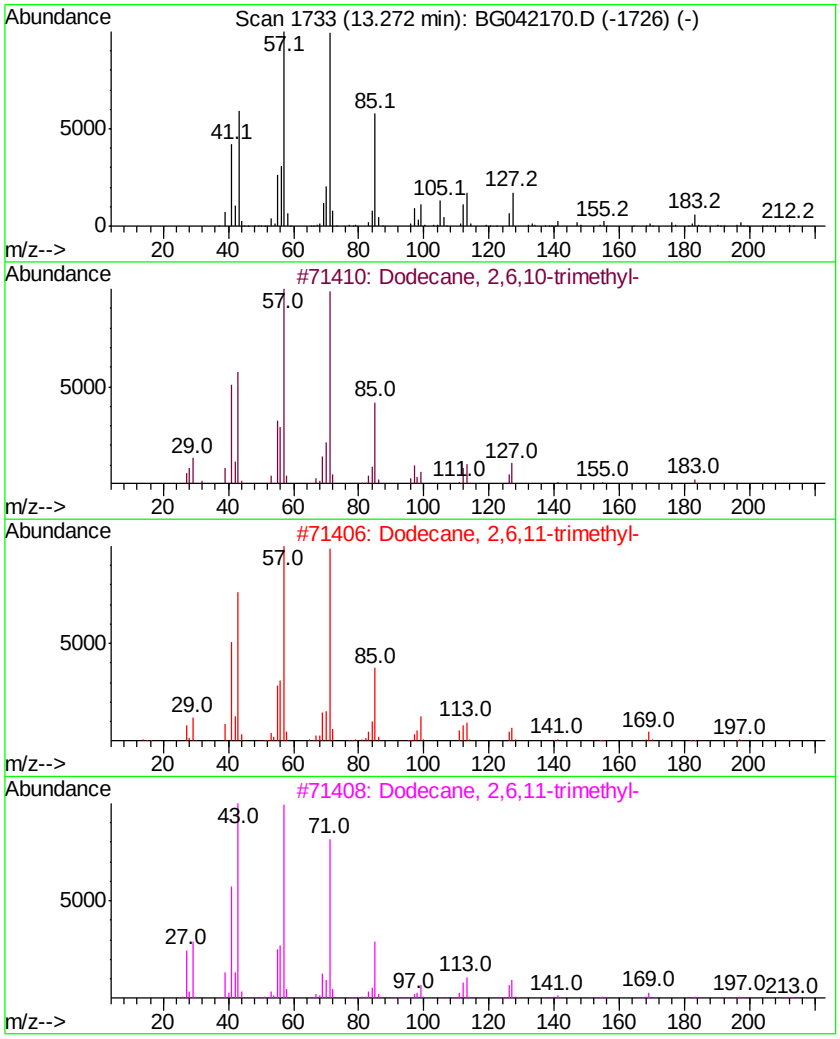
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

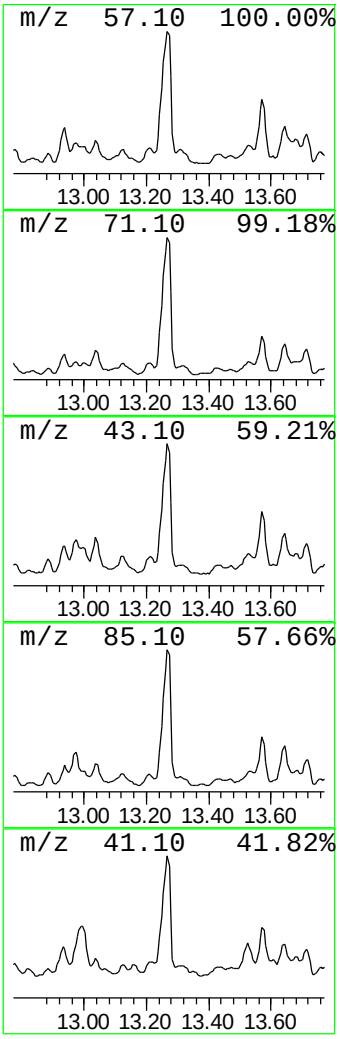
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	36.73 ng/ul	14277400	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58





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Misc :
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Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

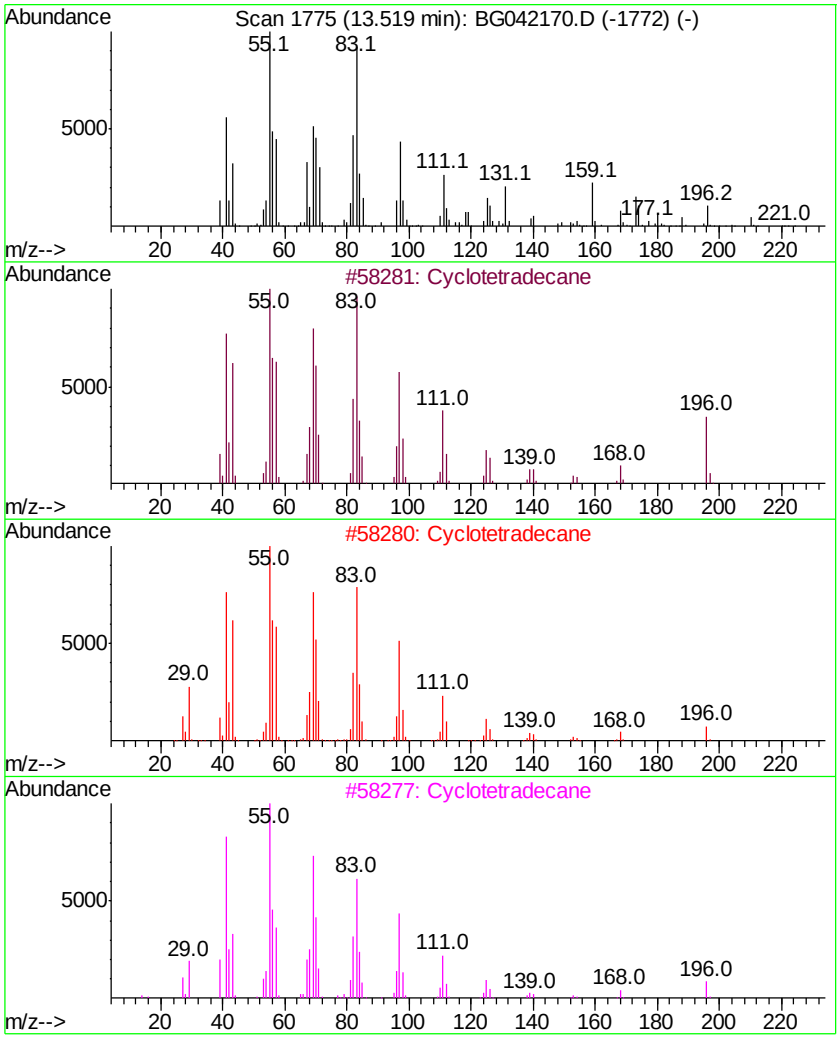
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

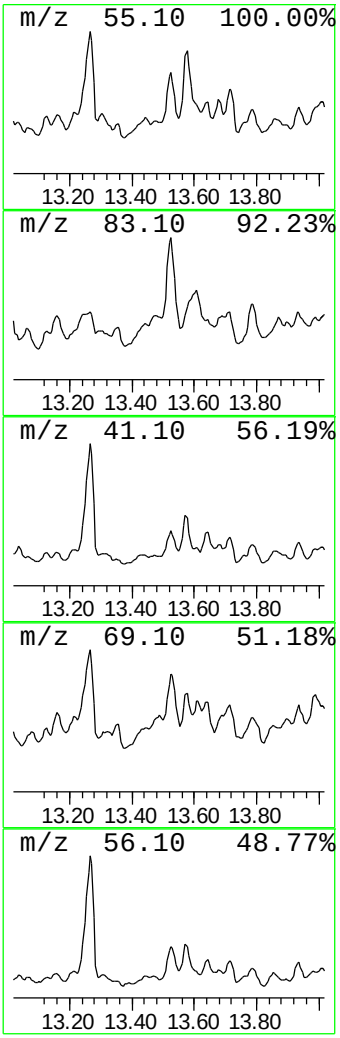
****

Peak Number 42 (DEL) Alkane: Cyclic13.52 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	7.18 ng/ul	2791980	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Cyclotetradecane	196	C14H28	000295-17-0	78
4	Cyclododecane	168	C12H24	000294-62-2	64
5	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	60





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

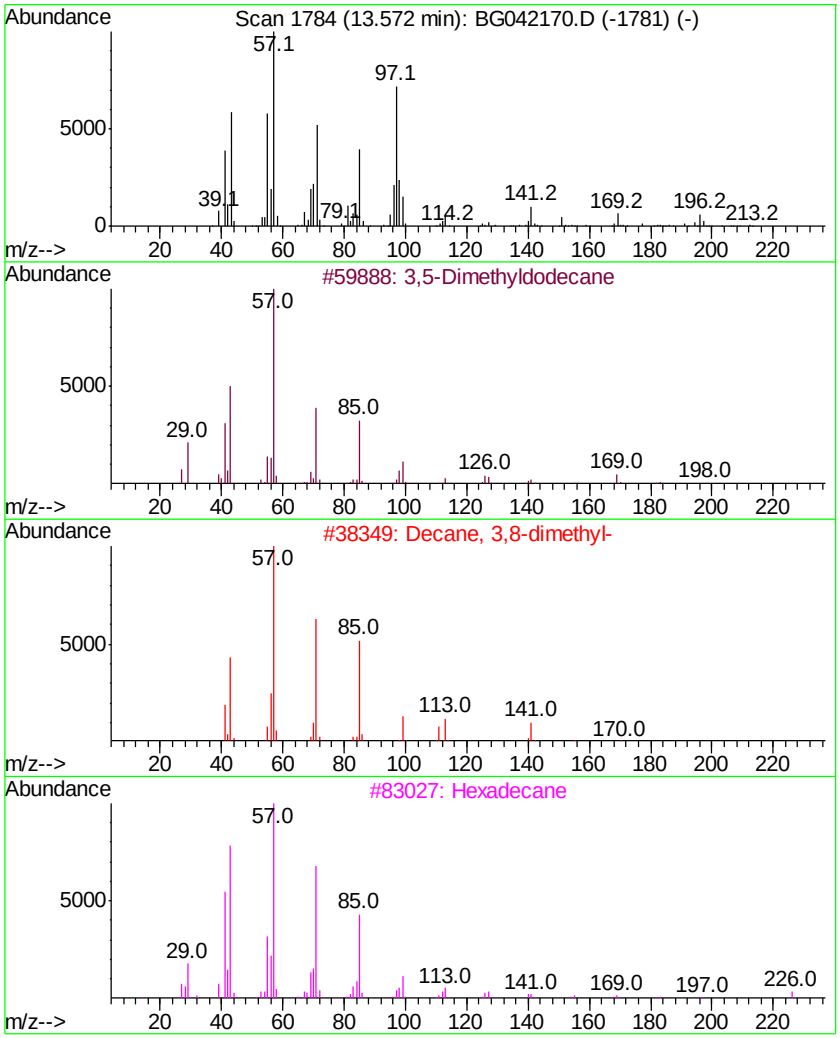
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

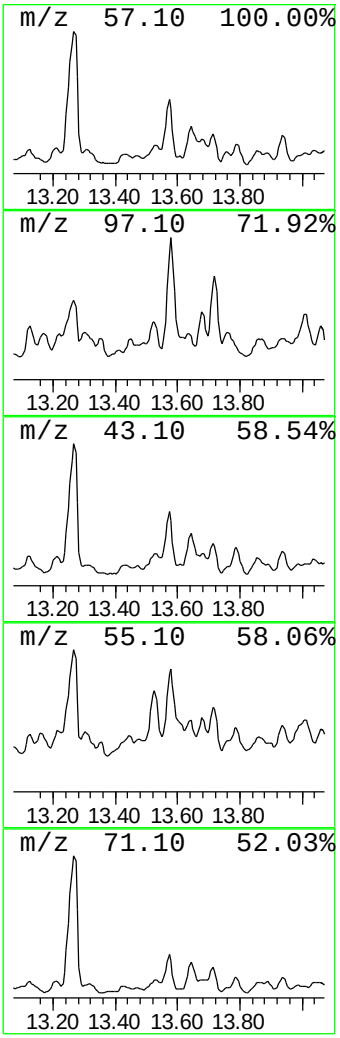
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	9.26 ng/ul	3599180	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
3	Hexadecane	226	C16H34	000544-76-3	46
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	41
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	38





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Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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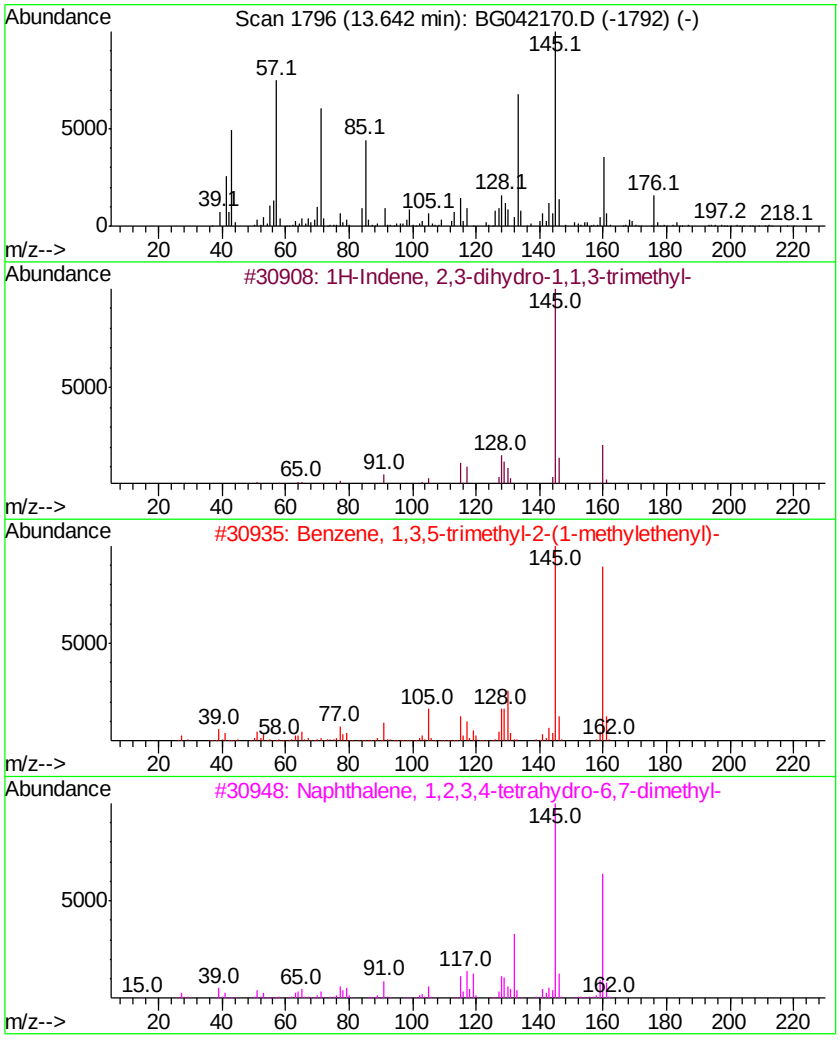
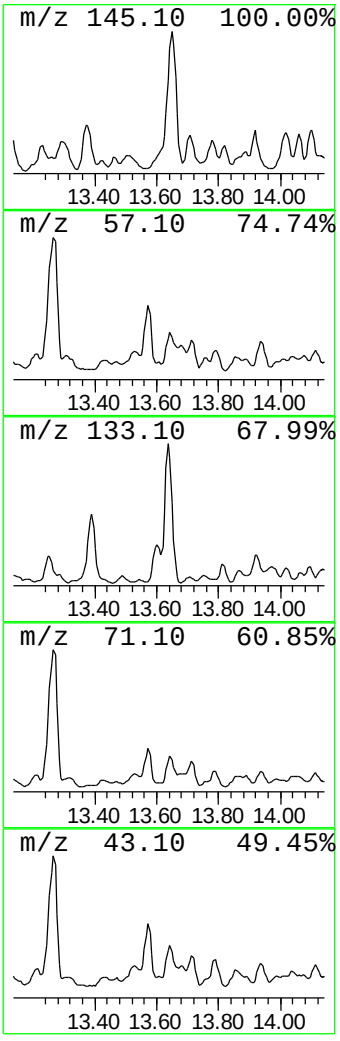
Peak Number 44 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	12.30 ng/ul	4782380	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	86
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	50





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

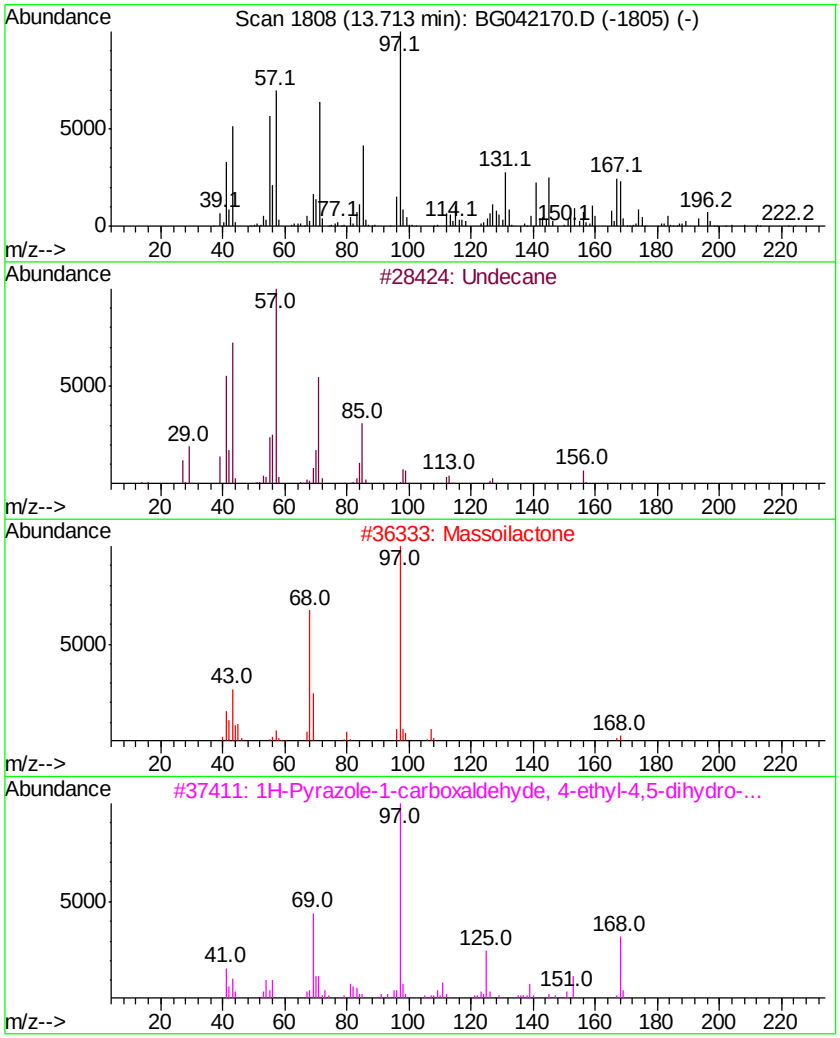
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

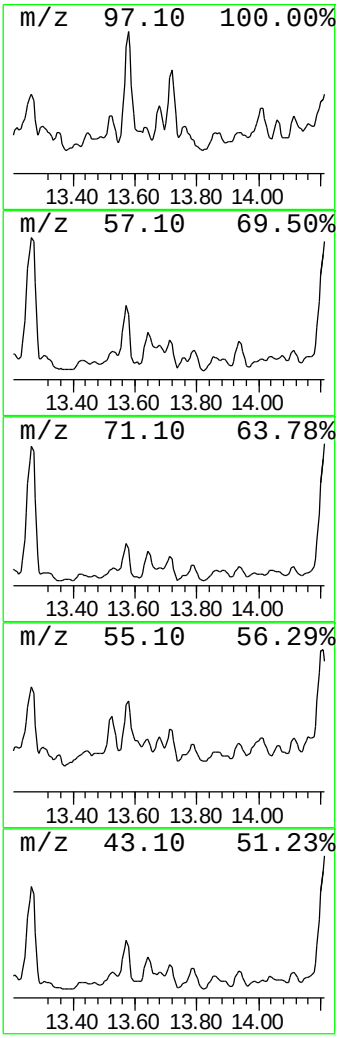
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.15 ng/ul	1614520	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	35
2	Massoilactone	168	C10H16O2	051154-96-2	30
3	1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	25
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	18
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	18





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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Quant Title : SVOA CALIBRATION

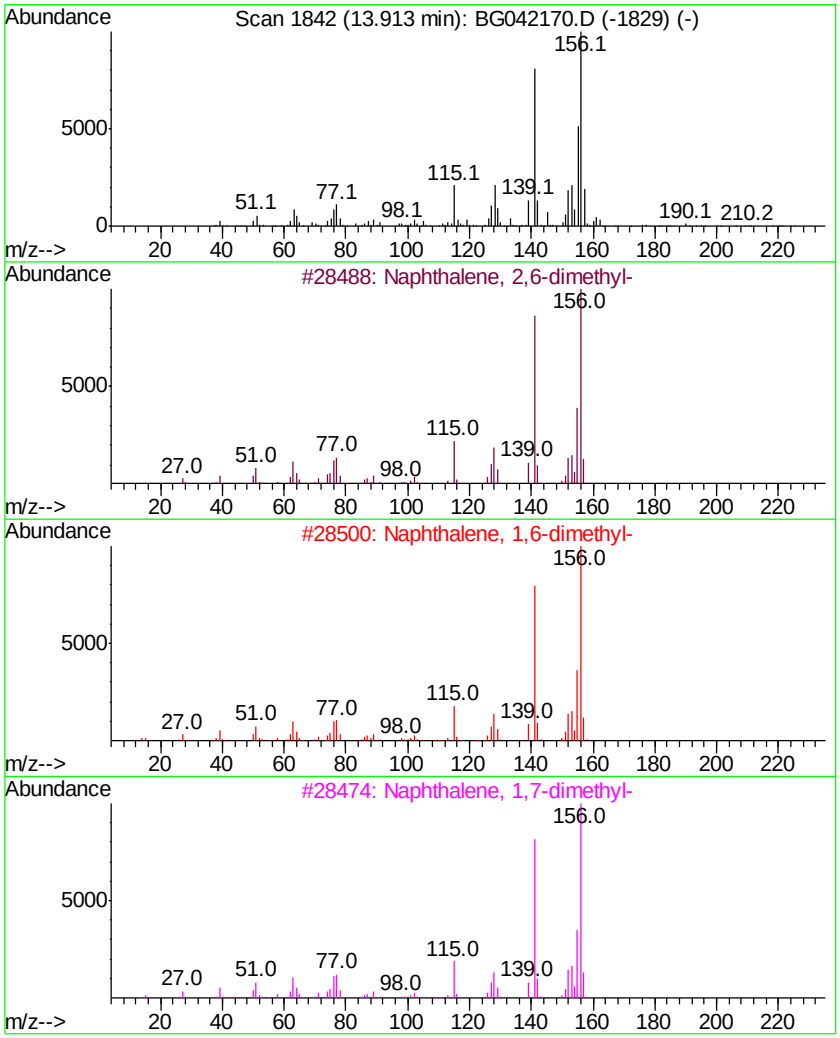
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

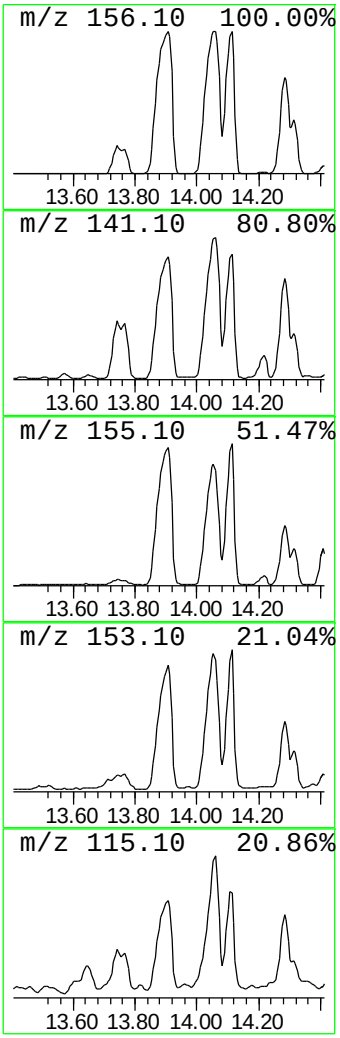
****

Peak Number 46 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	74.48 ng/ul	28947800	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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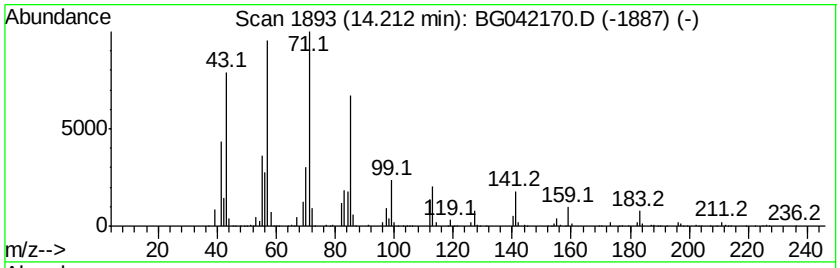
Quant Title : SVOA CALIBRATION

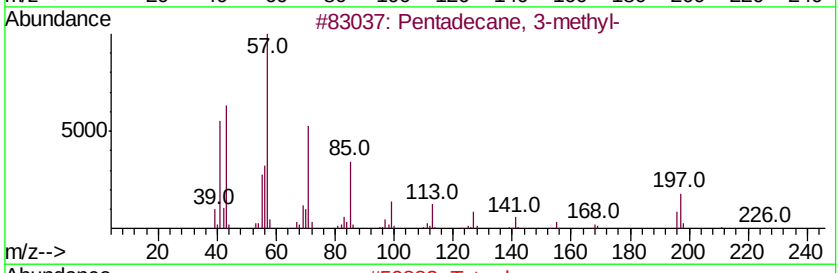
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

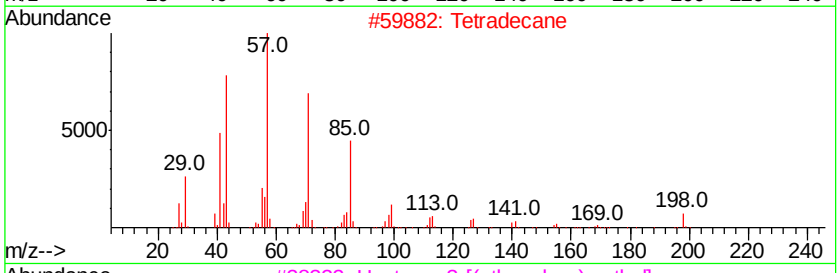
****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 8

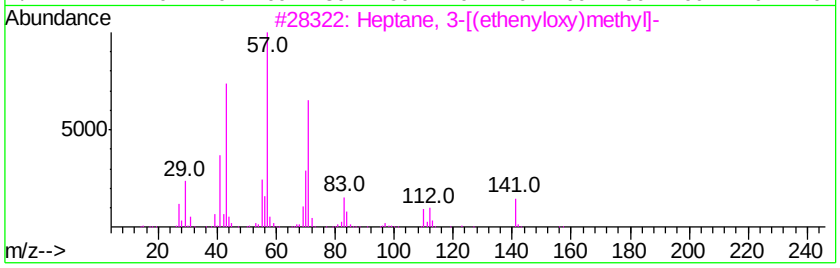
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	38.18 ng/ul	14838500	Acenaphthene-d10	14.71

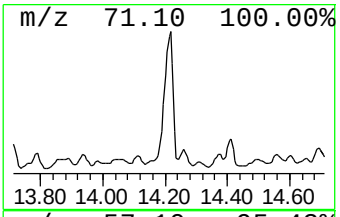
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	72
2	Tetradecane	198	C14H30	000629-59-4	72
3	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	55
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5	Hexadecane	226	C16H34	000544-76-3	52

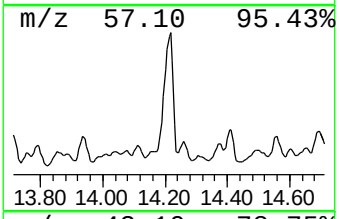


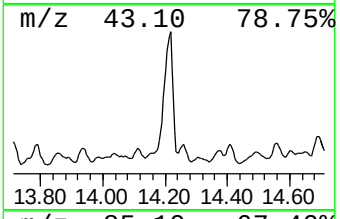


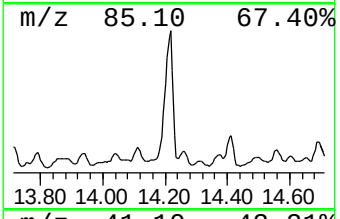


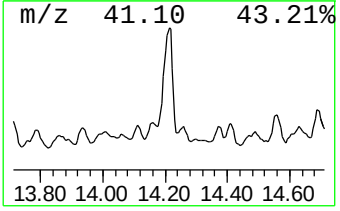












Library Search Compound Report

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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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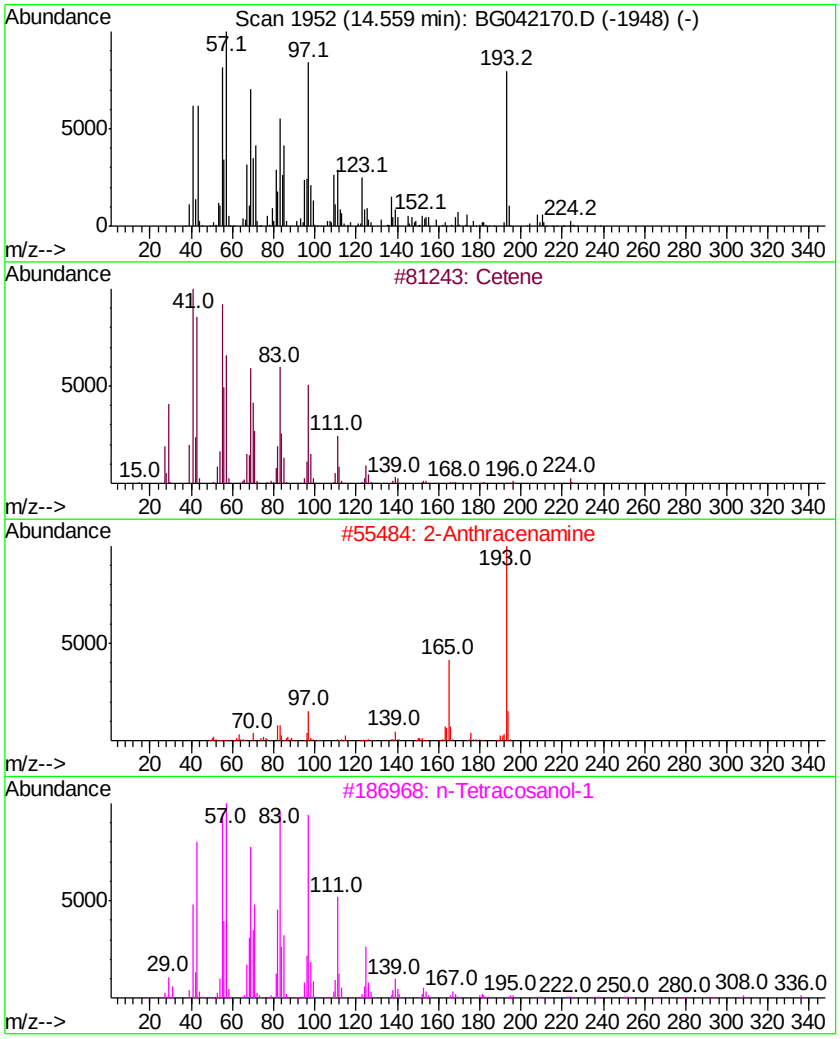
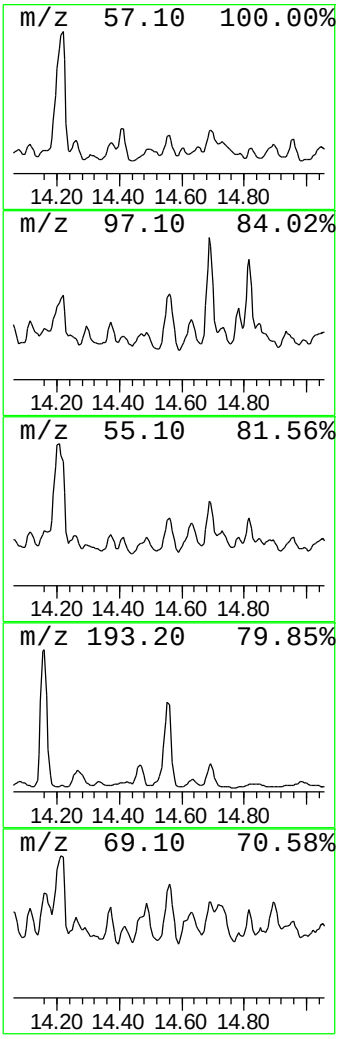
Peak Number 49 (DEL) Alkane: Cyclic14.56 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	10.96 ng/ul	4261350	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	35
2	2-Anthracenamine	193	C14H11N	000613-13-8	35
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	35
4	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
5	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	25





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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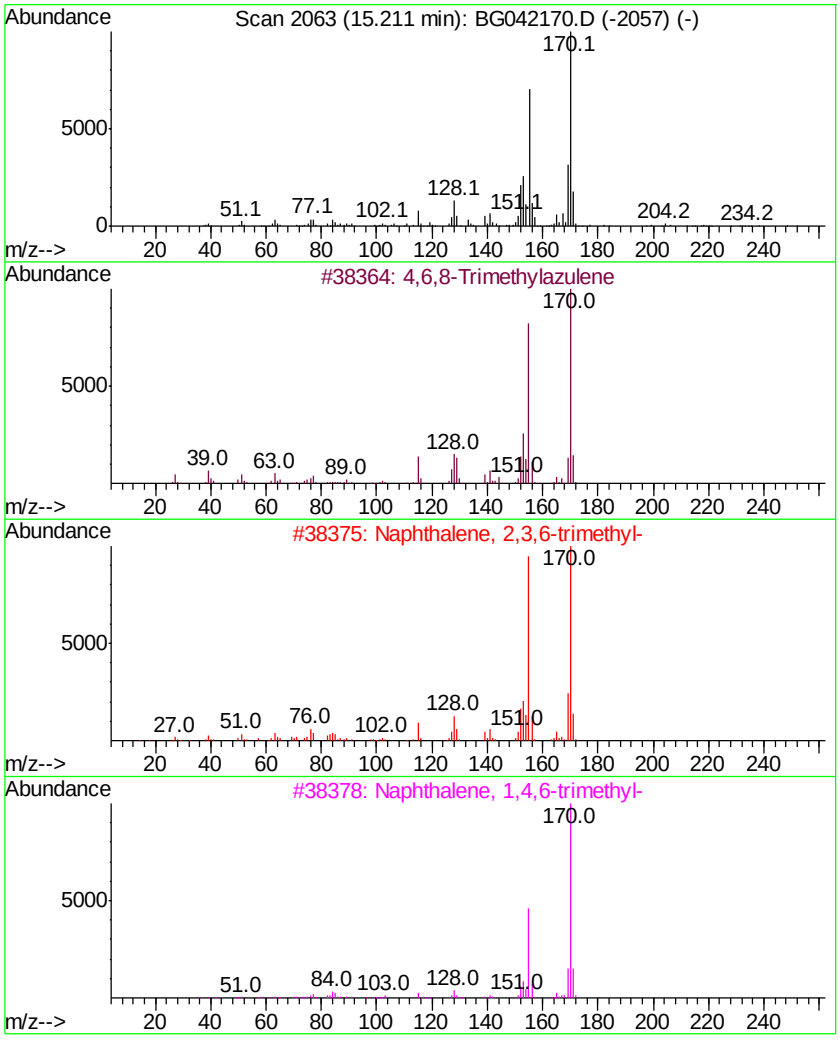
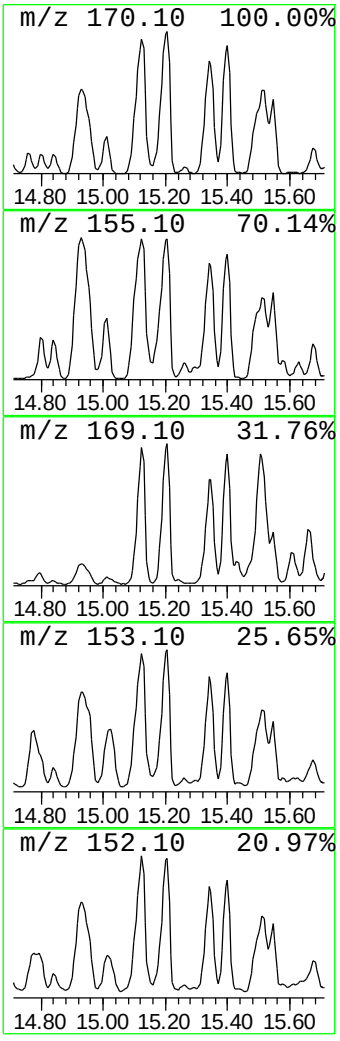
Peak Number 51 4,6,8-Trimethylazulene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	22.31 ng/ul	8672060	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





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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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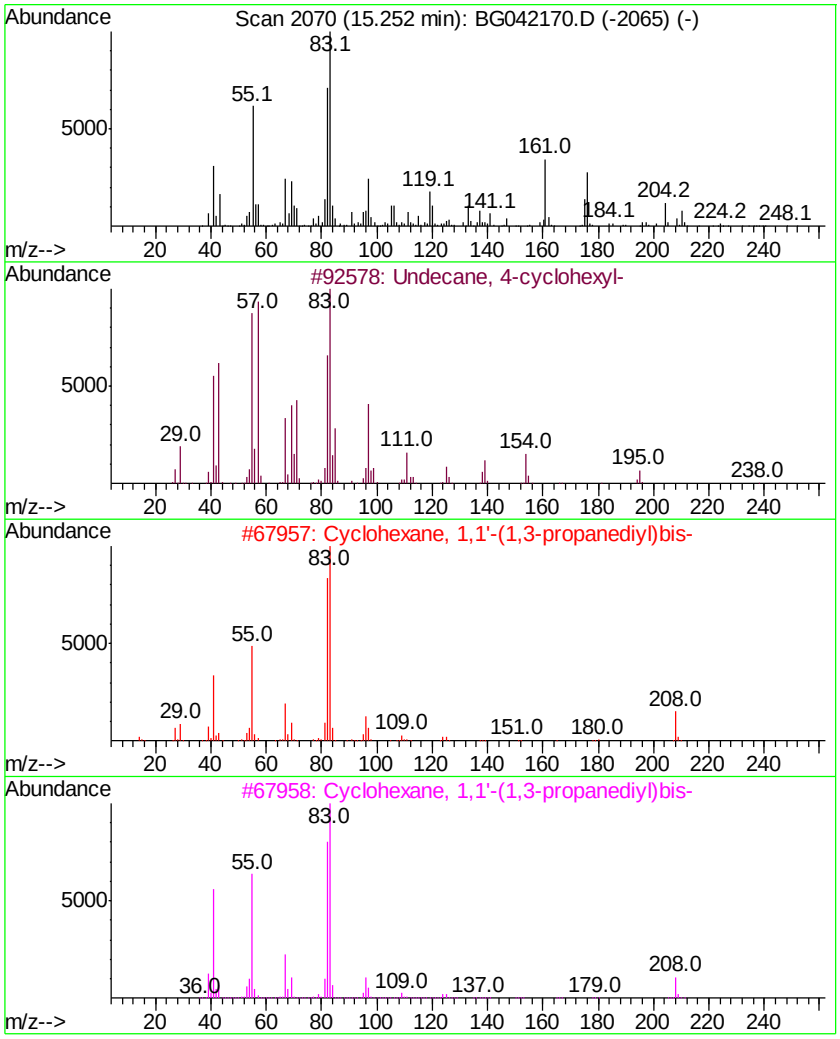
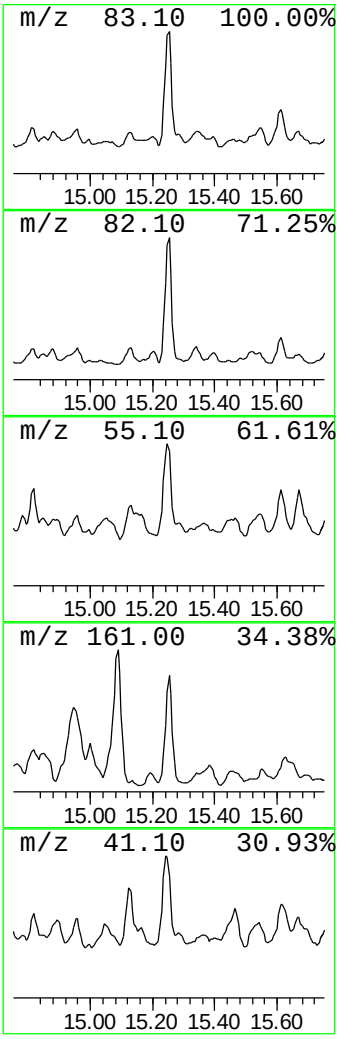
Peak Number 52 (DEL) Alkane: Cyclic15.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	23.78 ng/ul	9242560	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	64
2	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	46
3	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	46
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	41





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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

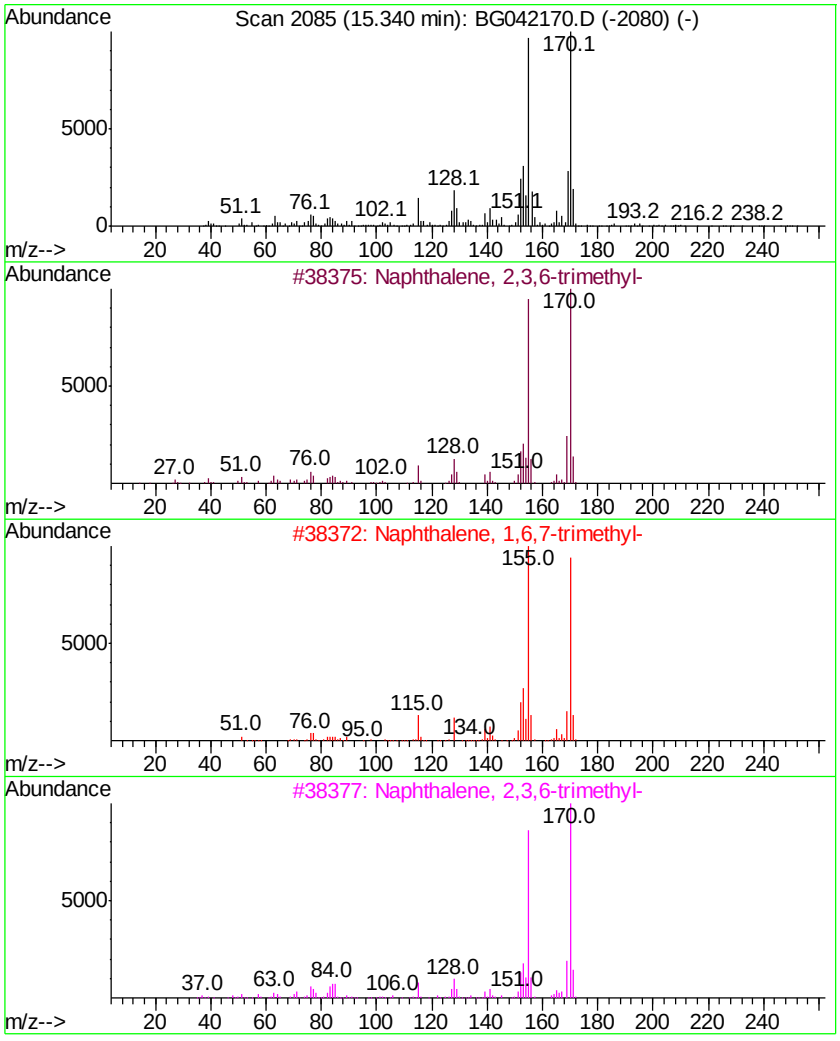
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

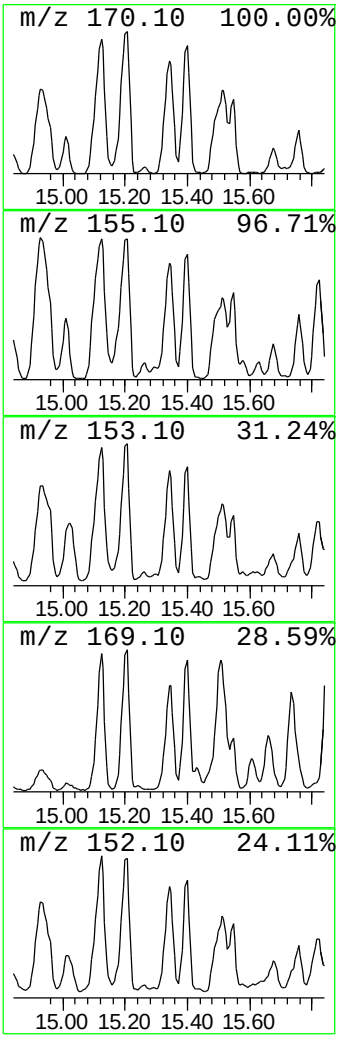
****

Peak Number 53 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	27.38 ng/ul	10643300	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Library Search Compound Report

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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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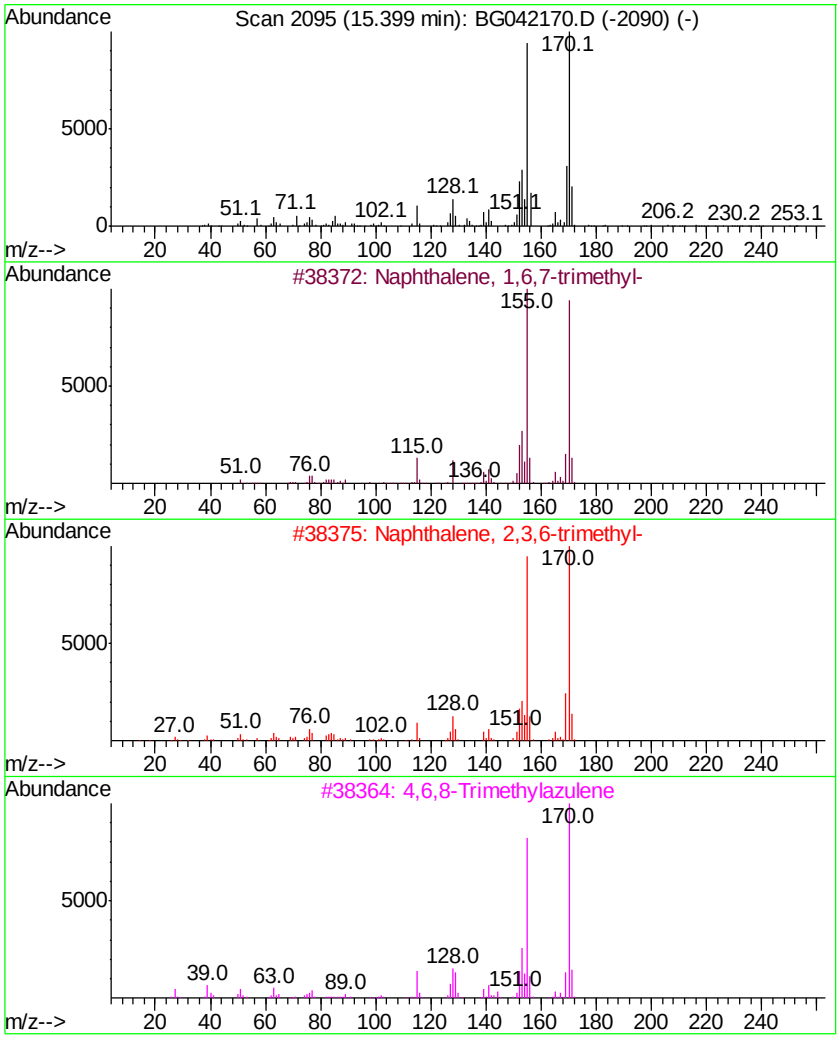
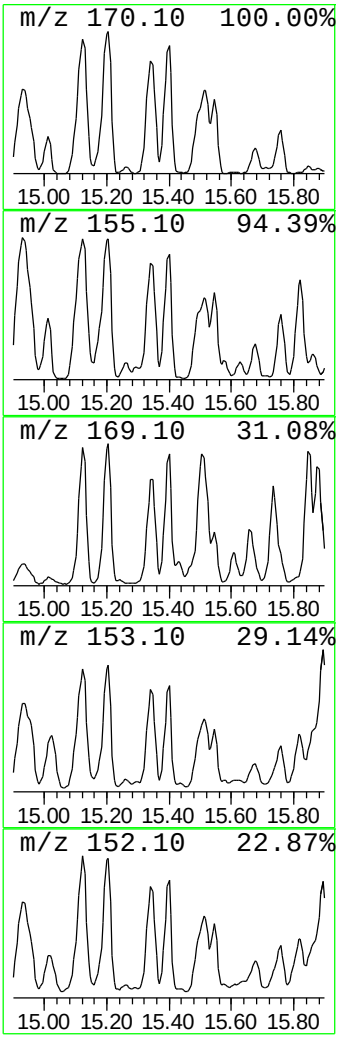
Peak Number 54 Naphthalene, 1,6,7-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	19.71 ng/ul	7659790	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91





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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

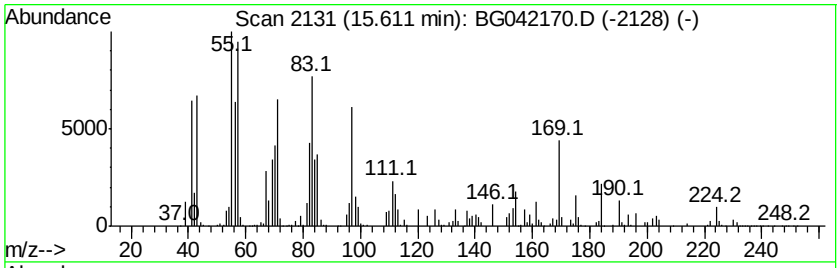
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

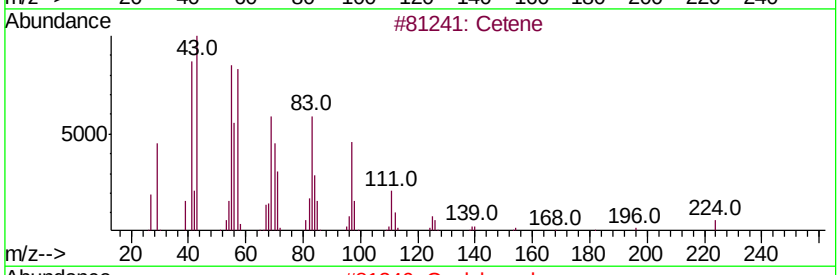
****

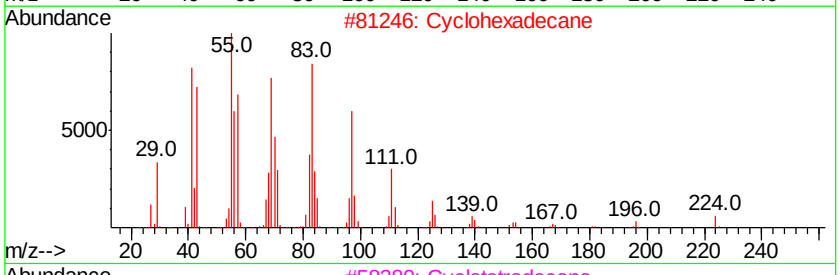
Peak Number 55 (DEL) Alkane: Cyclic15.61 Concentration Rank 55

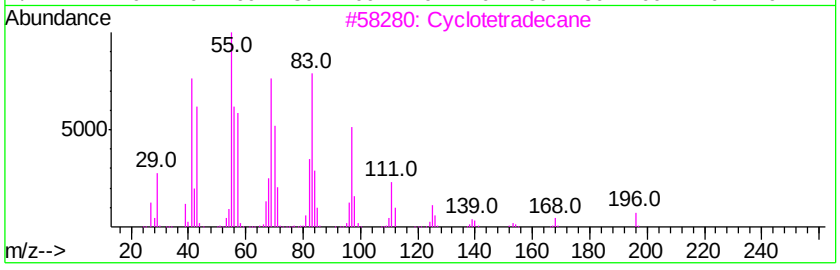
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	7.07 ng/ul	2749610	Acenaphthene-d10	14.71

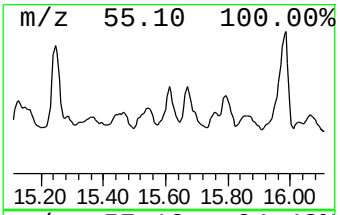
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	90
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	Cyclotetradecane	196	C14H28	000295-17-0	83
4	Cyclotetradecane	196	C14H28	000295-17-0	70
5	1-Dodecanol, heptafluorobutyrate	382	C16H25F7O2	006222-08-8	68

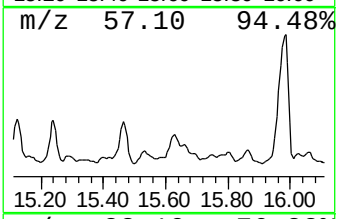


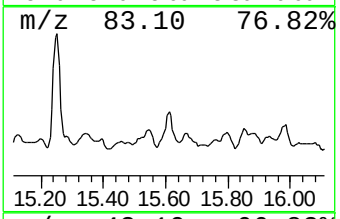


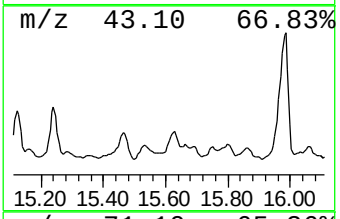


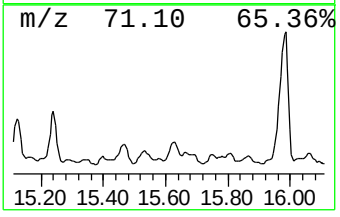












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

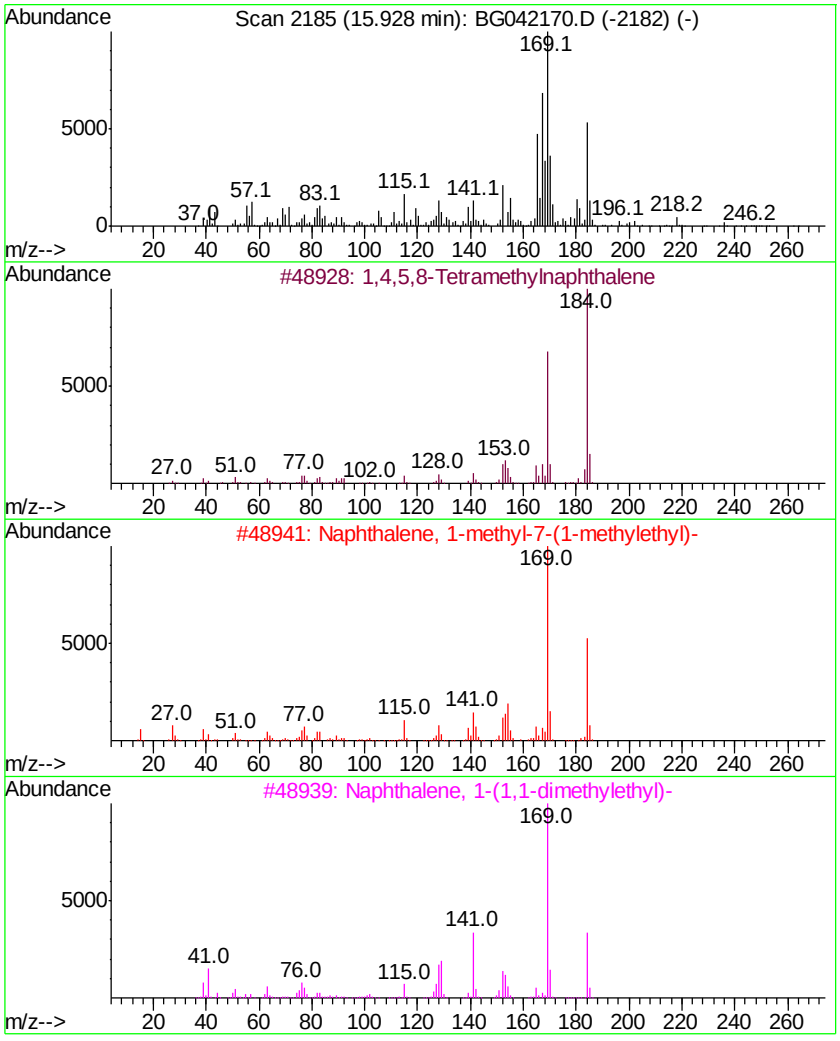
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

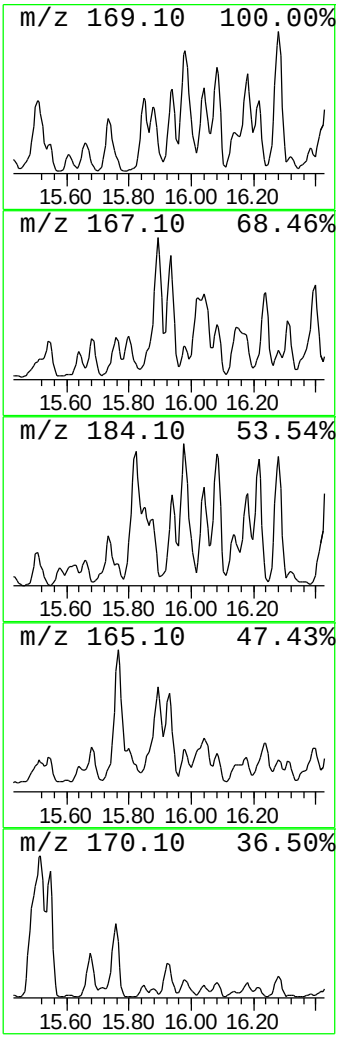
****

Peak Number 56 1,4,5,8-Tetramethylnaphthalene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	9.68 ng/ul	3761810	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	68
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	52
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	49
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	49
5	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	46





Library Search Compound Report

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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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

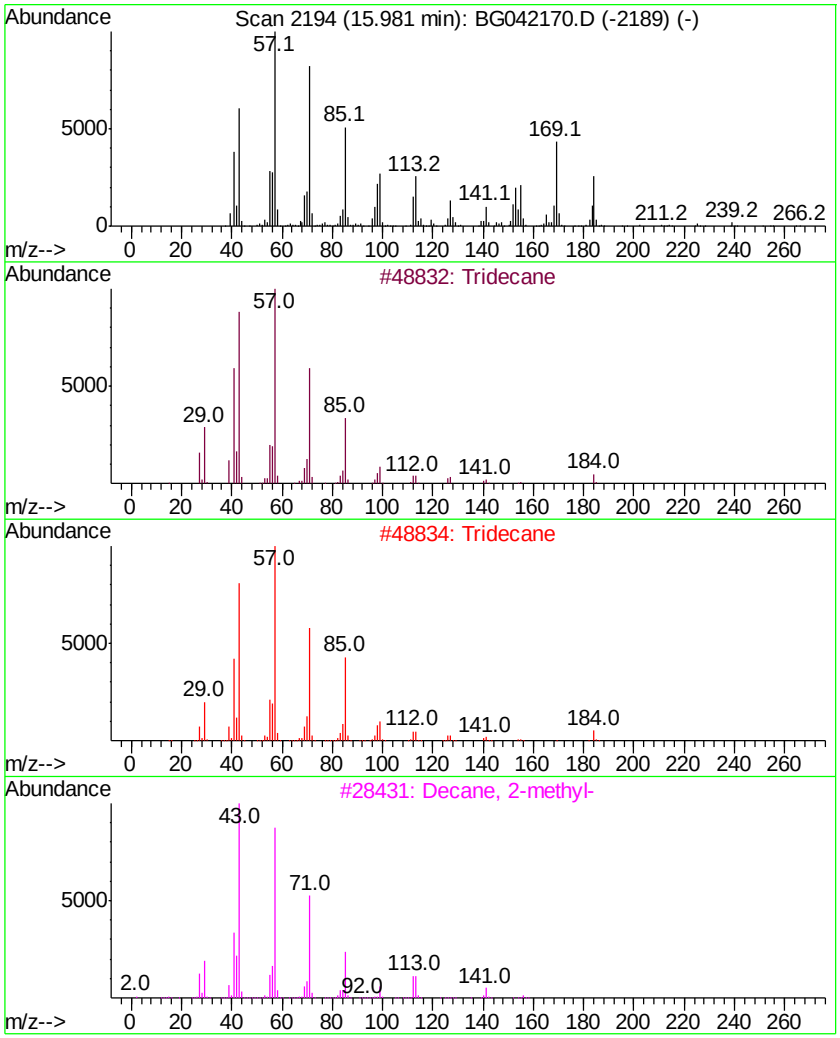
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

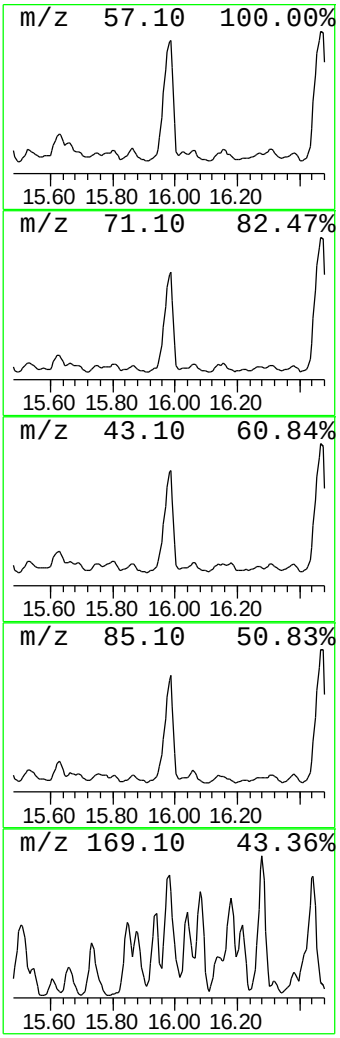
****

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	44.34 ng/ul	17233100	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Tridecane	184	C13H28	000629-50-5	50
3	Decane, 2-methyl-	156	C11H24	006975-98-0	50
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	49
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	46





Library Search Compound Report

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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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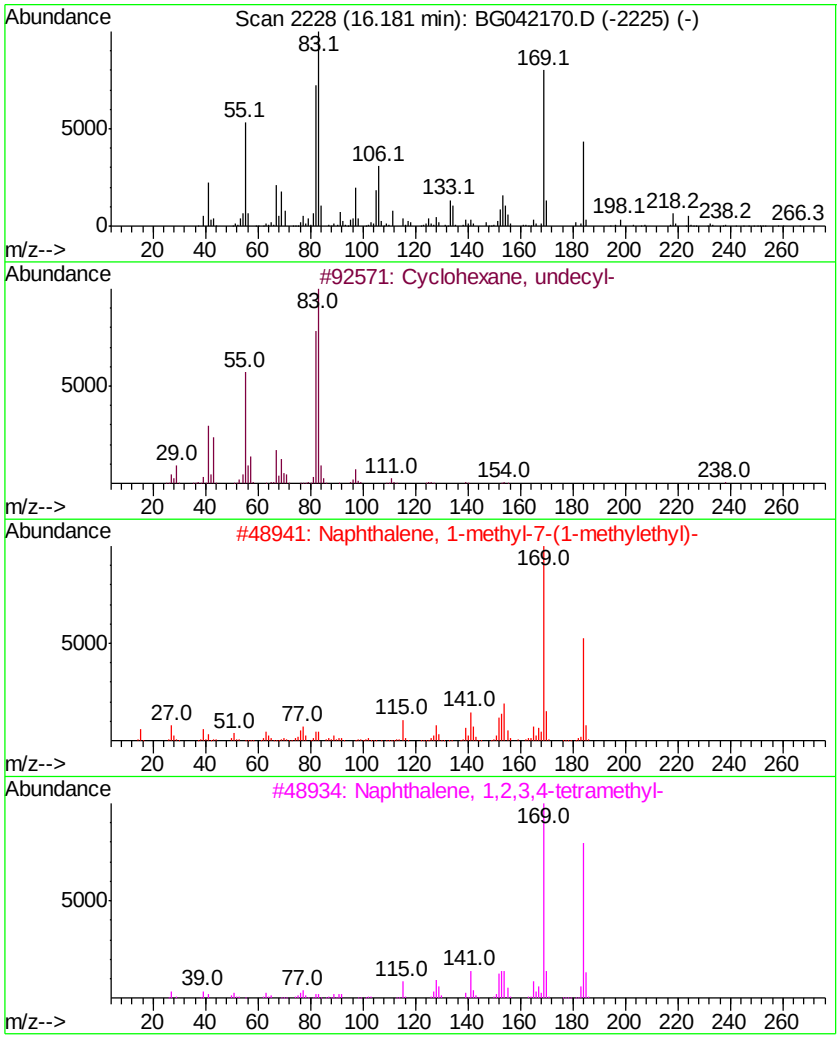
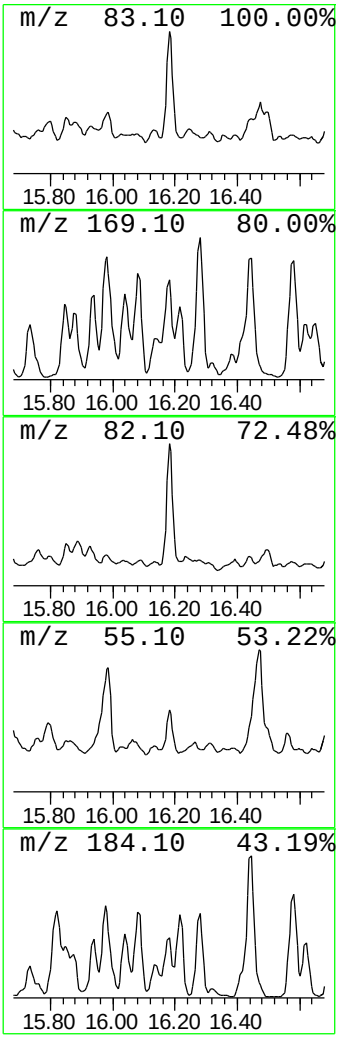
Peak Number 59 (DEL) Alkane: Cyclic16.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	24.96 ng/ul	3034420	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	42
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	41
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	41
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	38
5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	30





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Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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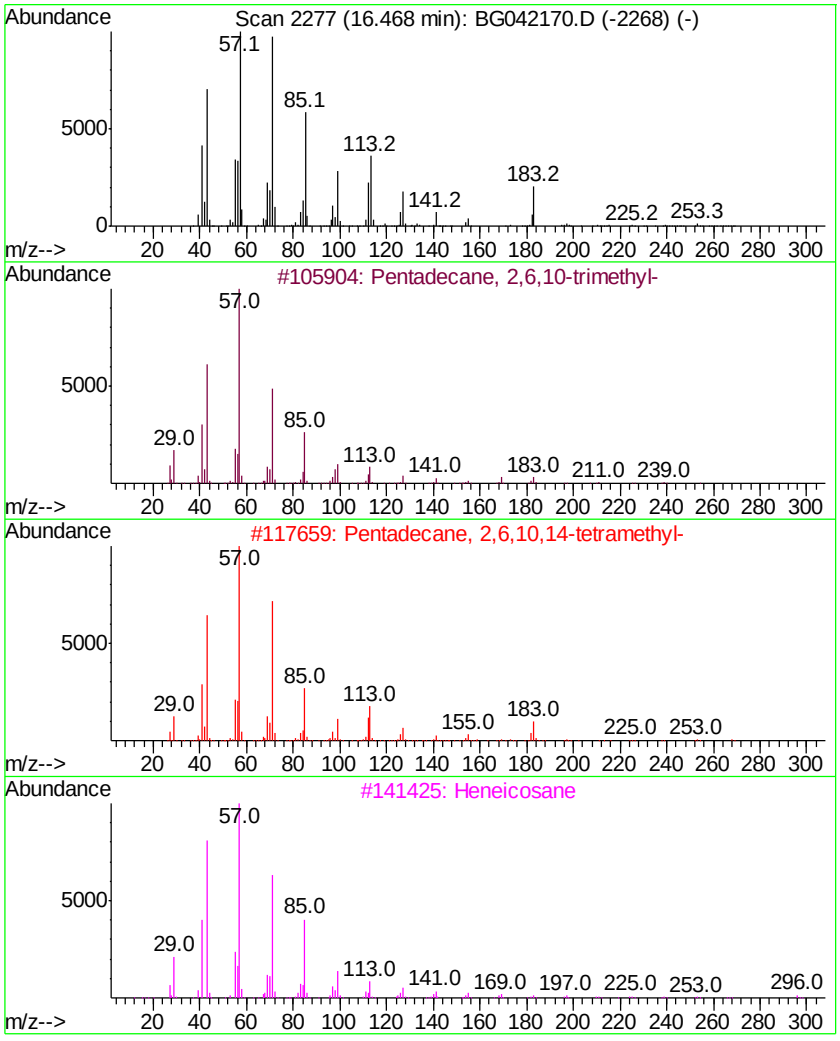
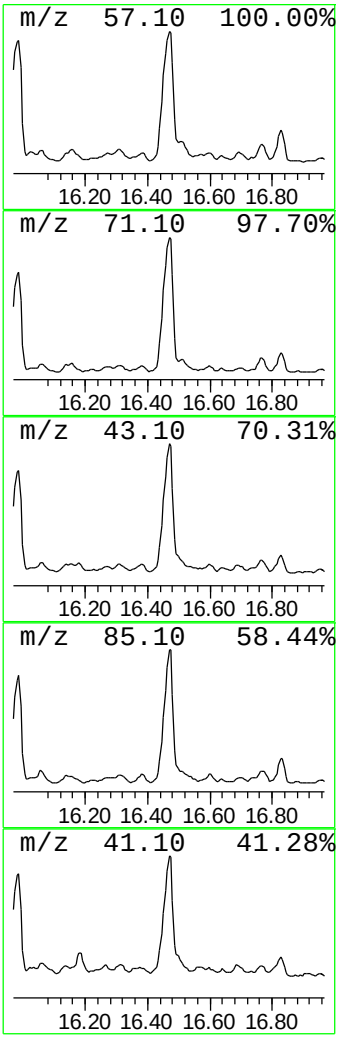
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	206.67 ng/ul	25120700	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Heneicosane	296	C21H44	000629-94-7	59
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	59
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	53





Library Search Compound Report

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Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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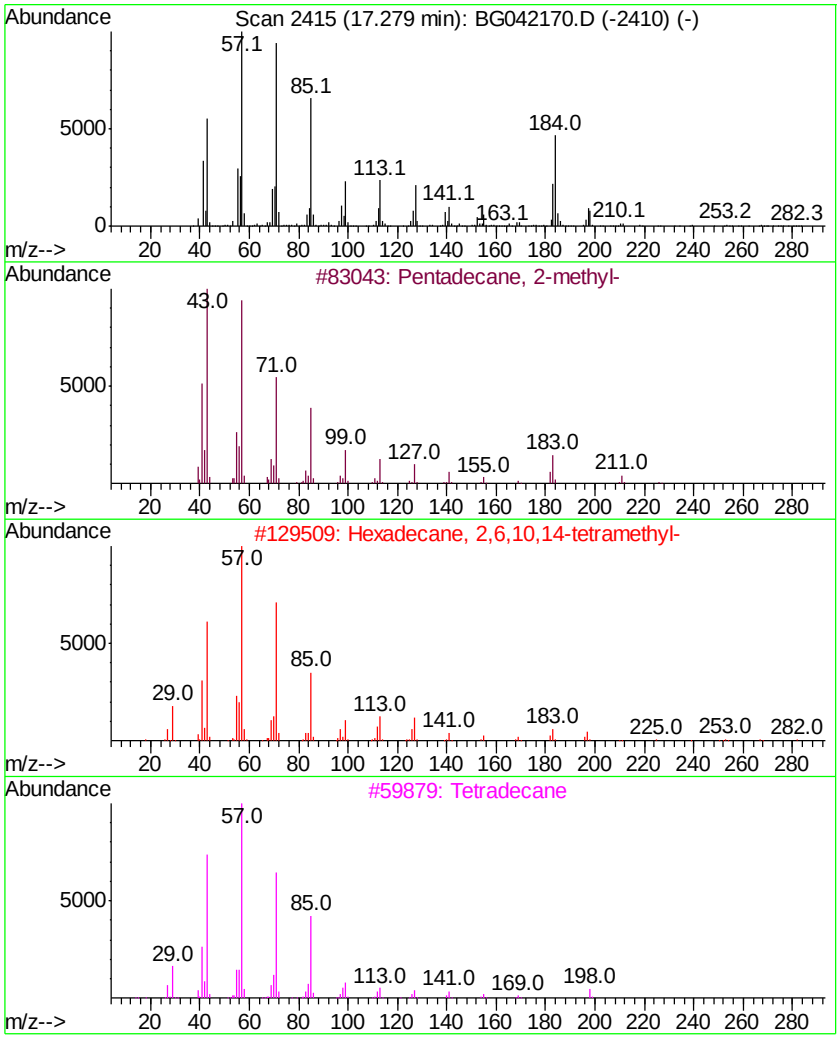
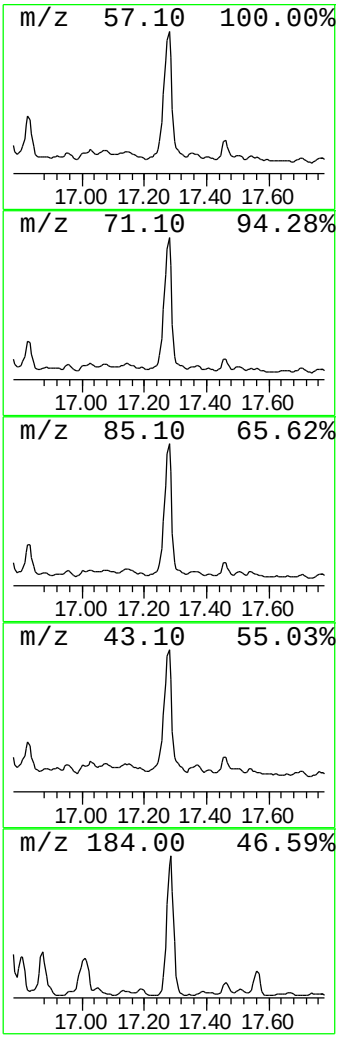
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	129.09 ng/ul	15690300	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	59
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Tetradecane	198	C14H30	000629-59-4	55
4	Tetradecane	198	C14H30	000629-59-4	53
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042170.D
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Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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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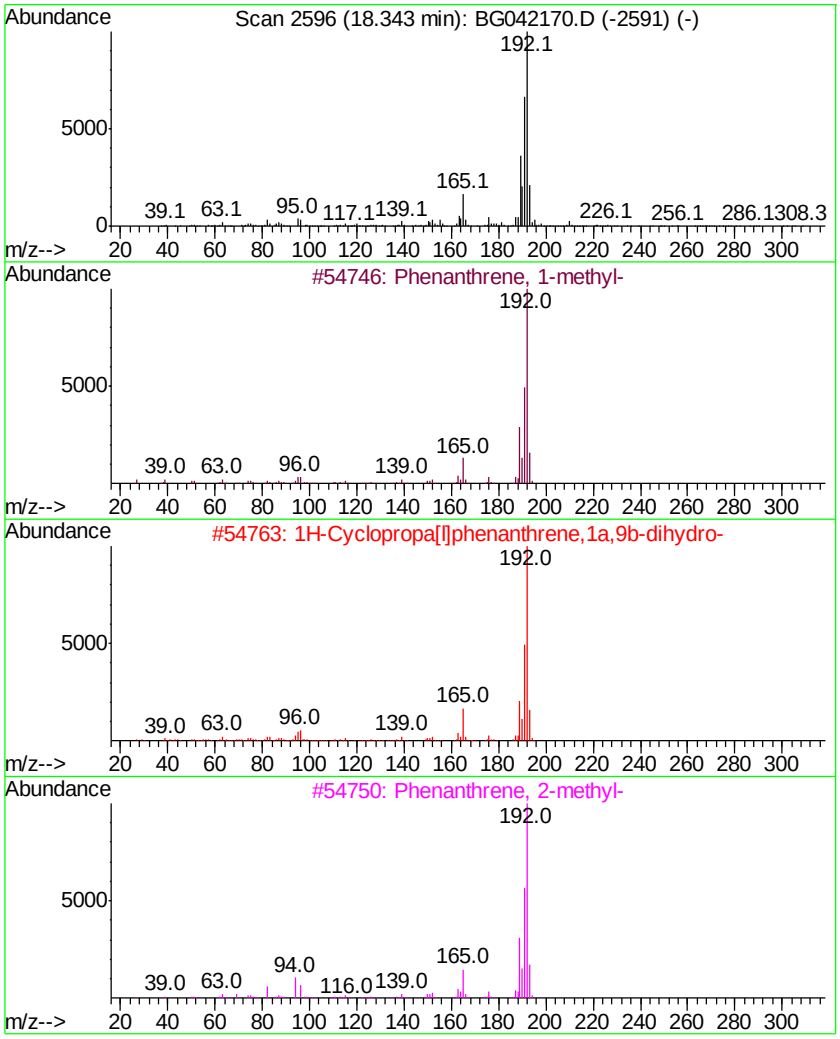
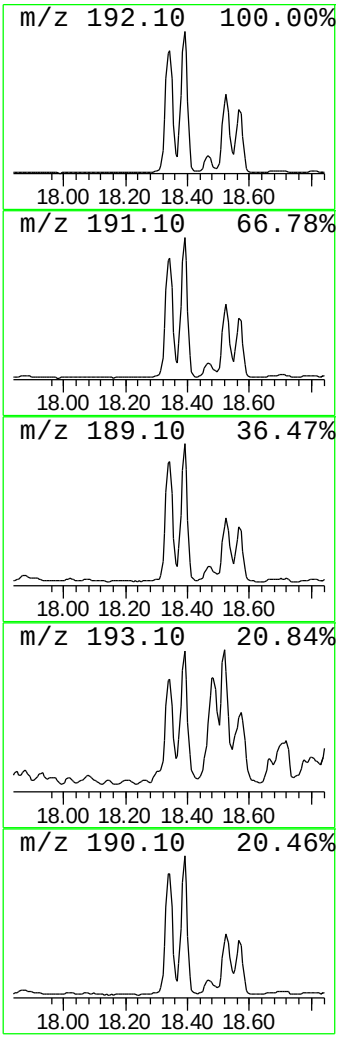
Peak Number 67 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	44.97 ng/ul	5466300	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042170.D
Acq On : 13 Aug 2019 8:10
Operator : HP/JU
Sample : K4215-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOB7

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	2467310	1	8.03	3350380	20.0
(DEL) Alkane: Str...	5.59	12.8	ng/ul	2142870	1	8.03	3350380	20.0
(DEL) Alkane: Cyc...	6.29	13.7	ng/ul	2287030	1	8.03	3350380	20.0
unknown-01	6.51	13.8	ng/ul	2309490	1	8.03	3350380	20.0
(DEL) Alkane: Cyc...	6.66	17.0	ng/ul	2842260	1	8.03	3350380	20.0
(DEL) Alkane: Str...	7.01	30.7	ng/ul	5136840	1	8.03	3350380	20.0
Indane	8.41	15.3	ng/ul	2556960	1	8.03	3350380	20.0
Benzene, 1,2-diet...	8.53	10.3	ng/ul	1718690	1	8.03	3350380	20.0
(DEL) Alkane: Str...	8.57	11.2	ng/ul	1874790	1	8.03	3350380	20.0
Benzene, 1-ethyl-...	8.68	11.2	ng/ul	1869680	1	8.03	3350380	20.0
(DEL) Alkane: Str...	8.81	12.6	ng/ul	2117430	1	8.03	3350380	20.0
unknown-02	9.40	31.1	ng/ul	5205130	1	8.03	3350380	20.0
Benzene, 1-ethyl-...	9.49	3.3	ng/ul	2063960	2	10.86	12368300	20.0
Benzene, 1,2,4,5-...	9.69	10.2	ng/ul	6301780	2	10.86	12368300	20.0
Naphthalene, deca...	9.78	2.9	ng/ul	1814840	2	10.86	12368300	20.0
(DEL) Alkane: Cyc...	9.99	5.2	ng/ul	3226010	2	10.86	12368300	20.0
Oxalic acid, 2-et...	10.21	4.1	ng/ul	2559740	2	10.86	12368300	20.0
Benzene, 2-etheny...	10.26	15.7	ng/ul	9722310	2	10.86	12368300	20.0
Benzene, 1-methyl...	10.56	5.3	ng/ul	3299200	2	10.86	12368300	20.0
(DEL) Alkane: Cyc...	10.73	3.0	ng/ul	1845820	2	10.86	12368300	20.0
Benzene, (1-methy...	10.78	7.3	ng/ul	4499440	2	10.86	12368300	20.0
1H-Indene, 2,3-di...	10.99	10.4	ng/ul	6442470	2	10.86	12368300	20.0
(DEL) Alkane: Str...	11.05	17.4	ng/ul	10779400	2	10.86	12368300	20.0
unknown-03	11.09	7.1	ng/ul	4407140	2	10.86	12368300	20.0
unknown-04	11.17	4.3	ng/ul	2690620	2	10.86	12368300	20.0
Benzene, 1,3,5-tr...	11.29	5.2	ng/ul	3232940	2	10.86	12368300	20.0
(DEL) Alkane: Cyc...	11.37	4.8	ng/ul	2955110	2	10.86	12368300	20.0
2-Ethyl-2,3-dihyd...	11.54	4.5	ng/ul	2781440	2	10.86	12368300	20.0
(DEL) Alkane: Cyc...	11.59	10.7	ng/ul	6616310	2	10.86	12368300	20.0
Benzene, 1-(1-met...	11.65	4.6	ng/ul	2855740	2	10.86	12368300	20.0
(DEL) Alkane: Str...	11.72	4.2	ng/ul	2600410	2	10.86	12368300	20.0
Naphthalene, 1,2,...	12.07	7.4	ng/ul	4552050	2	10.86	12368300	20.0
(DEL) Alkane: Cyc...	12.17	3.5	ng/ul	2192840	2	10.86	12368300	20.0
Bicyclo[4.4.1]und...	12.77	23.1	ng/ul	14308900	2	10.86	12368300	20.0
(DEL) Alkane: Str...	12.93	6.9	ng/ul	2674960	3	14.71	7773820	20.0
(DEL) Alkane: Cyc...	13.00	17.0	ng/ul	6591920	3	14.71	7773820	20.0
Naphthalene, 5-bu...	13.13	4.2	ng/ul	1642000	3	14.71	7773820	20.0
trans-calamenene	13.22	4.6	ng/ul	1794460	3	14.71	7773820	20.0
(DEL) Alkane: Str...	13.27	36.7	ng/ul	14277400	3	14.71	7773820	20.0
(DEL) Alkane: Cyc...	13.52	7.2	ng/ul	2791980	3	14.71	7773820	20.0
(DEL) Alkane: Str...	13.57	9.3	ng/ul	3599180	3	14.71	7773820	20.0
1H-Indene, 2,3-di...	13.64	12.3	ng/ul	4782380	3	14.71	7773820	20.0
(DEL) Alkane: Str...	13.71	4.2	ng/ul	1614520	3	14.71	7773820	20.0
Naphthalene, 2,6-...	13.91	74.5	ng/ul	28947800	3	14.71	7773820	20.0
(DEL) Alkane: Str...	14.21	38.2	ng/ul	14838500	3	14.71	7773820	20.0
(DEL) Alkane: Cyc...	14.56	11.0	ng/ul	4261350	3	14.71	7773820	20.0
4,6,8-Trimethylaz...	15.21	22.3	ng/ul	8672060	3	14.71	7773820	20.0
(DEL) Alkane: Cyc...	15.25	23.8	ng/ul	9242560	3	14.71	7773820	20.0
Naphthalene, 2,3,...	15.34	27.4	ng/ul	10643300	3	14.71	7773820	20.0

Naphthalene, 1,6,...	15.40	19.7	ng/ul	7659790	3	14.71	7773820	20.0
(DEL) Alkane: Cyc...	15.61	7.1	ng/ul	2749610	3	14.71	7773820	20.0
1,4,5,8-Tetrameth...	15.93	9.7	ng/ul	3761810	3	14.71	7773820	20.0
(DEL) Alkane: Str...	15.98	44.3	ng/ul	17233100	3	14.71	7773820	20.0
(DEL) Alkane: Cyc...	16.18	25.0	ng/ul	3034420	4	17.46	2431000	20.0
(DEL) Alkane: Str...	16.47	206.7	ng/ul	25120700	4	17.46	2431000	20.0
(DEL) Alkane: Str...	17.28	129.1	ng/ul	15690300	4	17.46	2431000	20.0
Phenanthrene, 1-m...	18.34	45.0	ng/ul	5466300	4	17.46	2431000	20.0

Instrument :
BNA_G
ClientSampleId :
ETOB7