LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

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-BG102220MA.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	7.187	644	655	661	rBV	297177	562398	13.11%	0.581%
2	7.339	674	681	688	rBV	209556	351964	8.20%	0.363%
3	7.551	711	717	723	rBV	297848	530221	12.36%	0.547%
4	8.015	787	796	805	rVV	221191	407269	9.49%	0.420%
5	8.573	883	891	900	rVB6	29431	73606	1.72%	0.076%
6	8.732	911	918	924	rBV	363698	613998	14.31%	0.634%
7	9.120	973	984	989	rBV5	64811	155160	3.62%	0.160%
8	9.184	989	995	1000	rBV	278802	483917	11.28%	0.500%
9	9.378	1016	1028	1034	rBV7	46088	133837	3.12%	0.138%
10	9.713	1079	1085	1088	rBV	74024	133913	3.12%	0.138%
11	9.742	1088	1090	1101	rVB4	82451	143994	3.36%	0.149%
12	9.907	1105	1118	1123	rBV	194612	430216	10.03%	0.444%
13	10.007	1129	1135	1143	rBV5	160917	323485	7.54%	0.334%
14	10.183	1158	1165	1167	rBV7	45750	94244	2.20%	0.097%
15	10.230	1168	1173	1177	rVV2	125200	240165	5.60%	0.248%
16	10.453	1205	1211	1218	rVB	379559	696615	16.23%	0.719%
17	10.524	1218	1223	1225	rBV5	59668	106091	2.47%	0.110%
18	10.712	1250	1255	1259	rBV3	63522	110620	2.58%	0.114%
19	10.794	1263	1269	1270	rBV2	190513	271042	6.32%	0.280%
20	10.835	1272	1276	1281	rVB	174817	320558	7.47%	0.331%
21	10.965	1290	1298	1305	rBV3	195885	470382	10.96%	0.486%
22	11.041	1307	1311	1315	rVB	78265	101601	2.37%	0.105%
23	11.123	1322	1325	1330	rVB4	62332	96258	2.24%	0.099%
24	11.194	1334	1337	1341	rVV2	68279	112979	2.63%	0.117%
25	11.241	1341	1345	1352	rVV6	125347	314821	7.34%	0.325%
26	11.317	1352	1358	1364	rVB3	250198	460803	10.74%	0.476%
27	11.405	1369	1373	1376	rBV4	86495	125625	2.93%	0.130%
28	11.499	1384	1389	1395	rBV8	87242	251954	5.87%	0.260%
29	11.746	1425	1431	1437	rBV3	190873	434988	10.14%	0.449%
30	11.881	1449	1454	1458	rBV3	199430	320492	7.47%	0.331%
31	11.934	1458	1463	1468	rVB2	235696	421285	9.82%	0.435%
32	12.016	1473	1477	1483	rVB4	222872	340730	7.94%	0.352%
33	12.110	1490	1493	1497	rVB3	236919	306837	7.15%	0.317%
34	12.151	1497	1500	1505	rVB	214562	294058	6.85%	0.304%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

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-BG102220MA.M
Title : SVOA CALIBRATION

35	12.240	1511	1515	1518	rBV2	203113	268959	6.27%	0.278%
36	12.287	1519	1523	1525	rBV5	157769	254414	5.93%	0.263%
37	12.451	1547	1551	1553	rBV2	191898	327919	7.64%	0.339%
38	12.486	1554	1557	1563	rVB	453701	686238	15.99%	0.708%
39	12.639	1581	1583	1587	rBV4	87450	126476	2.95%	0.131%
40	12.704	1588	1594	1597	rBV2	260367	603318	14.06%	0.623%
41	12.786	1604	1608	1611	rBV3	186552	314561	7.33%	0.325%
42	12.868	1618	1622	1626	rBV3	227512	363569	8.47%	0.375%
43	13.003	1640	1645	1649	rVV4	211063	420327	9.80%	0.434%
44	13.044	1650	1652	1655	rVB4	124410	118110	2.75%	0.122%
45	13.097	1656	1661	1665	rVB6	179293	330036	7.69%	0.341%
46	13.321	1696	1699	1703	rVB3	260221	367312	8.56%	0.379%
47	13.467	1717	1724	1731	rVB7	417814	854362	19.91%	0.882%
48	13.538	1732	1736	1738	rBV4	198847	292299	6.81%	0.302%
49	13.591	1741	1745	1751	rVB3	597875	1242361	28.95%	1.283%
50	13.826	1780	1785	1794	rVB2	595368	1481031	34.51%	1.529%
51	13.985	1807	1812	1817	rVB2	1383184	2252722	52.50%	2.326%
52	14.037	1817	1821	1832	rBV3	1015537	2292882	53.43%	2.367%
53	14.173	1841	1844	1847	rBV2	256328	364412	8.49%	0.376%
54	14.220	1847	1852	1863	rVB3	930482	2439755	56.85%	2.519%
55	14.355	1871	1875	1878	rBV	646468	1041273	24.27%	1.075%
56	14.490	1894	1898	1904	rVB3	425500	670255	15.62%	0.692%
57	14.654	1924	1926	1933	rVB3	684371	1016735	23.69%	1.050%
58	14.784	1945	1948	1957	rVB2	494415	874121	20.37%	0.902%
59	14.878	1958	1964	1971	rVV3	790909	1911509	44.54%	1.973%
60	14.948	1973	1976	1985	rVV4	469720	917373	21.38%	0.947%
61	15.060	1989	1995	2001	rVV	2012806	3701359	86.25%	3.821%
62	15.136	2004	2008	2016	rVB	1907316	2907088	67.74%	3.001%
63	15.283	2027	2033	2037	rBV	1878209	3246273	75.65%	3.352%
64	15.330	2037	2041	2046	rVB	1083531	1603070	37.36%	1.655%
65	15.453	2055	2062	2065	rBV	1131407	2255926	52.57%	2.329%
66	15.483	2065	2067	2072	rVB2	890188	1024940	23.88%	1.058%
67	15.659	2093	2097	2101	rBV2	616010	1039349	24.22%	1.073%
68	15.700	2101	2104	2108	rVB	653798	822321	19.16%	0.849%
69	15.876	2131	2134	2137	rVB2	538299	675428	15.74%	0.697%
70	15.918	2138	2141	2148	rVB	964799	1502306	35.01%	1.551%
71	15.982	2149	2152	2156	rBV2	412429	832161	19.39%	0.859%

LSC Area Percent Report

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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

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-BG102220MA.M
Title : SVOA CALIBRATION

72	16.076	2164	2168	2172	rBV5	354614	678978	15.82%	0.701%
73	16.117	2173	2175	2178	rVB	394645	425688	9.92%	0.439%
74	16.158	2178	2182	2189	rBV2	714622	1139963	26.56%	1.177%
75	16.223	2189	2193	2196	rBV	521580	755056	17.60%	0.780%
76	16.382	2216	2220	2232	rVB2	2185640	3889950	90.65%	4.016%
77	16.523	2239	2244	2248	rBV	1402189	2212940	51.57%	2.285%
78	16.564	2248	2251	2254	rVV	406109	519300	12.10%	0.536%
79	16.640	2259	2264	2268	rBV4	548468	1312807	30.59%	1.355%
80	16.711	2274	2276	2279	rBV2	387823	452787	10.55%	0.467%
81	16.817	2291	2294	2297	rBV3	391483	591999	13.80%	0.611%
82	17.069	2333	2337	2341	rBV3	782792	1290689	30.08%	1.333%
83	17.457	2399	2403	2408	rBV	1142201	1763589	41.10%	1.821%
84	17.510	2408	2412	2419	rVB2	1061671	1576242	36.73%	1.627%
85	17.815	2461	2464	2469	rBV4	592338	937691	21.85%	0.968%
86	18.291	2541	2545	2549	rBV	1522124	2509569	58.48%	2.591%
87	18.338	2549	2553	2558	rVB2	2050994	3396871	79.16%	3.507%
88	18.479	2573	2577	2581	rBV2	1416629	2163851	50.43%	2.234%
89	18.526	2582	2585	2590	rVB	1076071	1428530	33.29%	1.475%
90	18.685	2608	2612	2616	rVB3	886064	1298931	30.27%	1.341%
91	18.791	2626	2630	2634	rBV3	601241	1212296	28.25%	1.252%
92	19.008	2664	2667	2668	rBV2	461038	530355	12.36%	0.548%
93	19.032	2669	2671	2676	rVB3	846687	889385	20.73%	0.918%
94	19.084	2677	2680	2684	rVV	887981	1035646	24.13%	1.069%
95	19.208	2696	2701	2705	rBV	2800306	4291224	100.00%	4.430%
96	19.296	2714	2716	2720	rVB2	888030	990155	23.07%	1.022%
97	19.742	2789	2792	2797	rVB3	677856	895619	20.87%	0.925%
98	19.807	2799	2803	2805	rVV	1072761	1813319	42.26%	1.872%
99	19.836	2805	2808	2815	rVV2	1740054	2983398	69.52%	3.080%
100	19.907	2816	2820	2824	rVB	1481724	2193653	51.12%	2.265%

Sum of corrected areas: 96859157

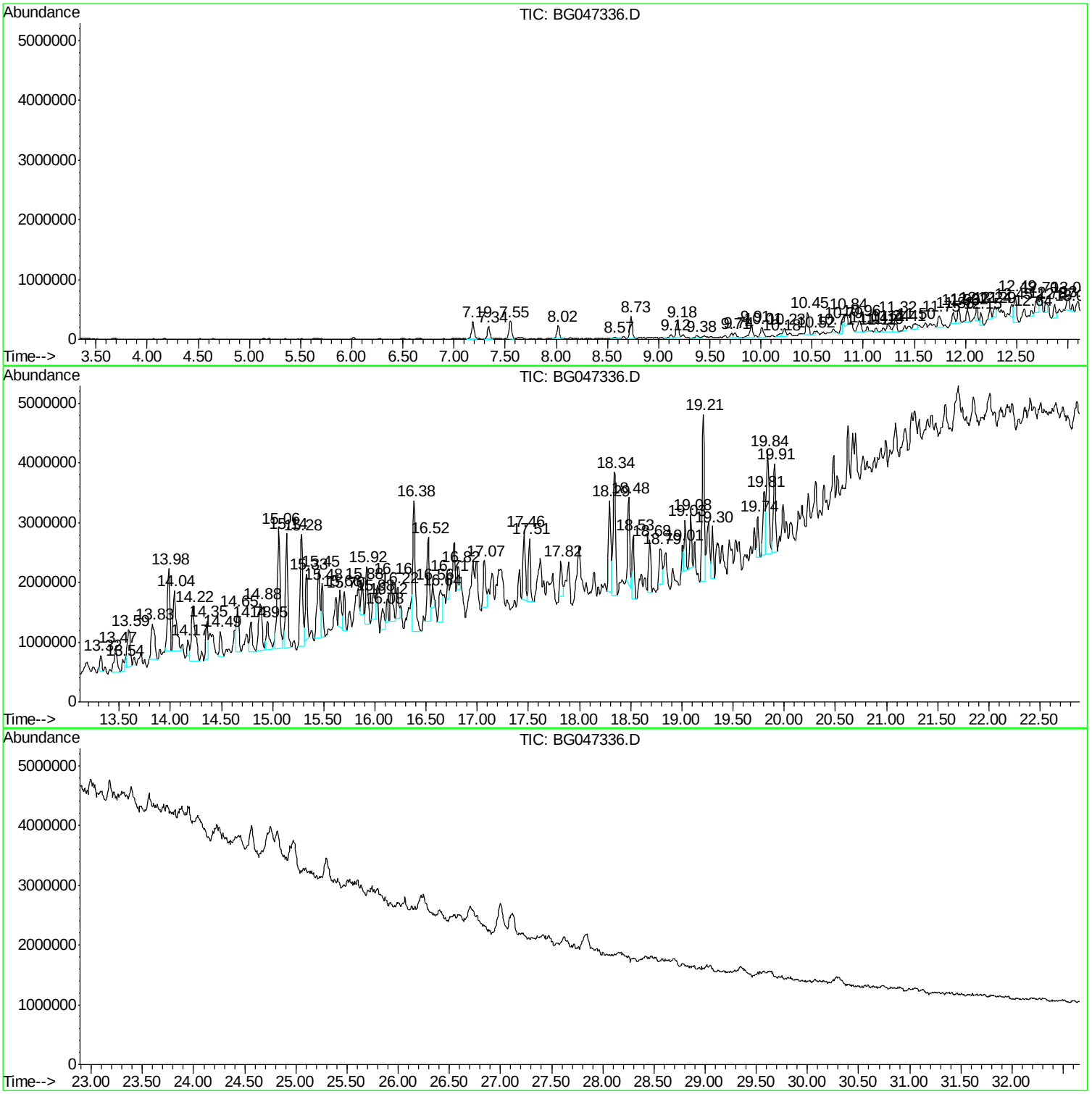
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

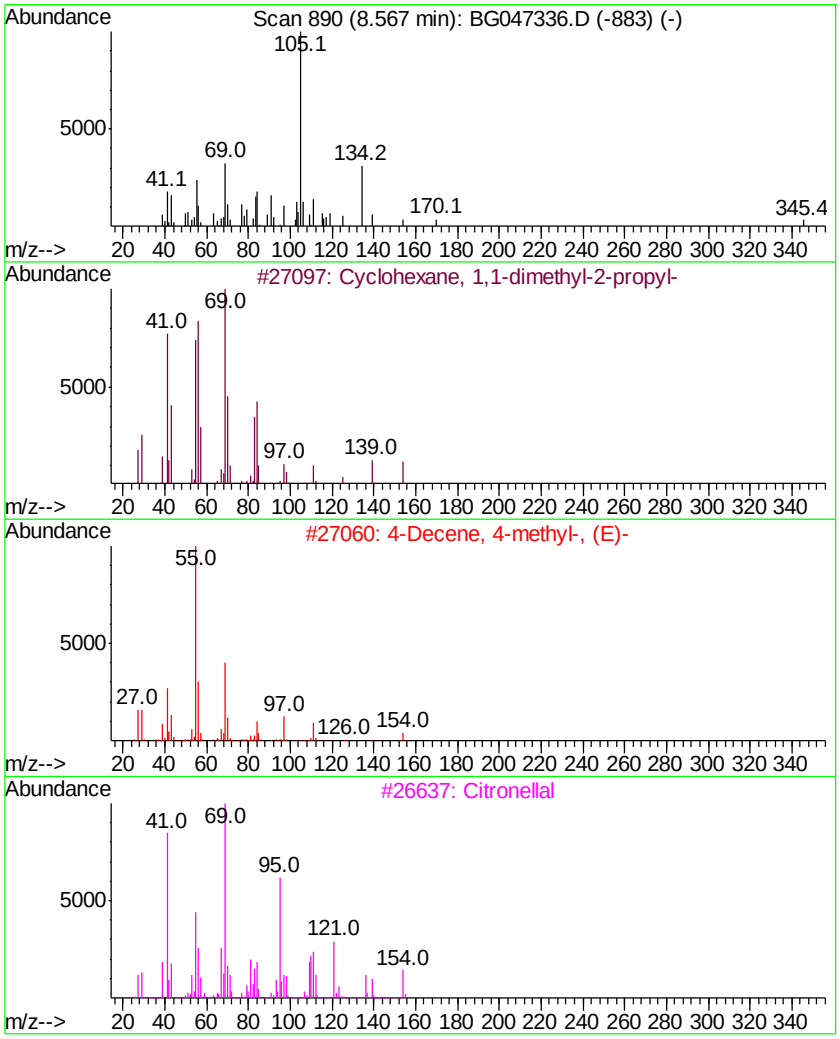
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

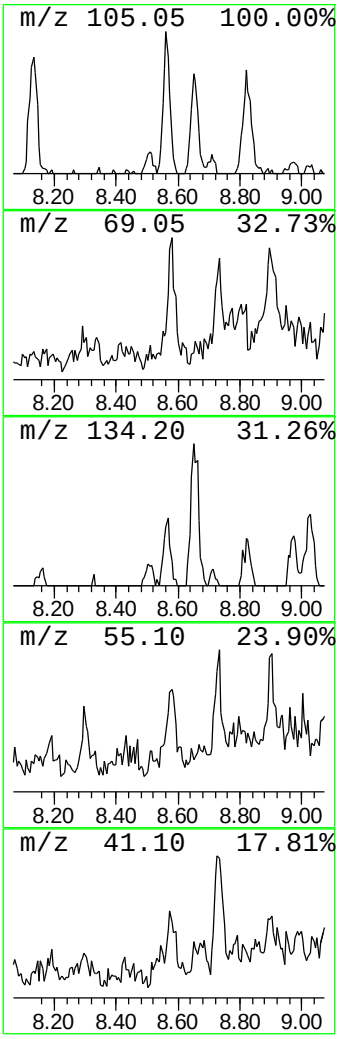
****

Peak Number 1 (DEL) Alkane: Cyclic8.57 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.61 ng/ul	73606	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	64
2	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	52
3	Citronellal	154	C10H18O	000106-23-0	50
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
5	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

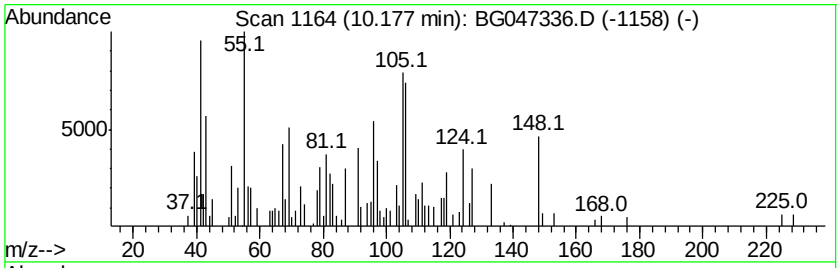
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

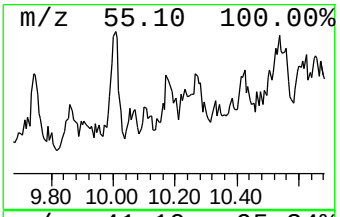
****

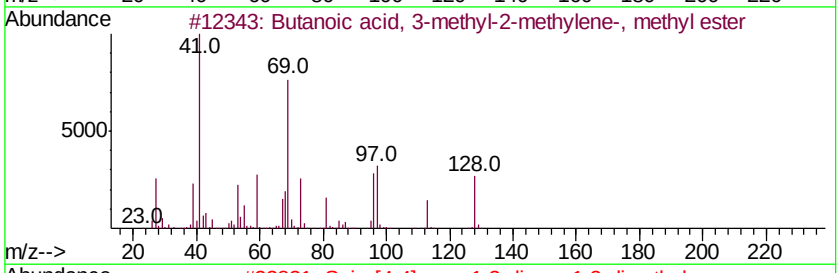
Peak Number 7 unknown-01 Concentration Rank 69

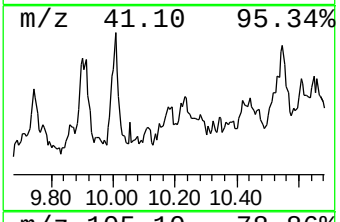
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	5.88 ng/ul	94244	Naphthalene-d8	10.83

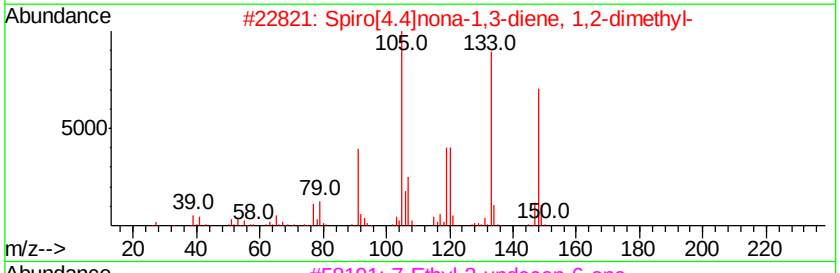
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-2-methyl...	128	C7H12O2	003070-67-5	30
2	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	18
3	7-Ethyl-2-undecen-6-one	196	C13H24O	1000374-14-9	14
4	Cyclohexanecarboxylic acid, 2-me...	142	C8H14O2	056586-13-1	14
5	5-Undecene, 6-methyl-	168	C12H24	083687-45-0	14

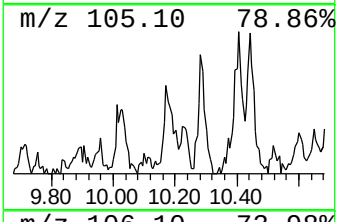


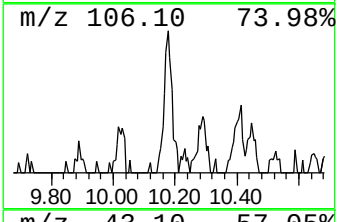


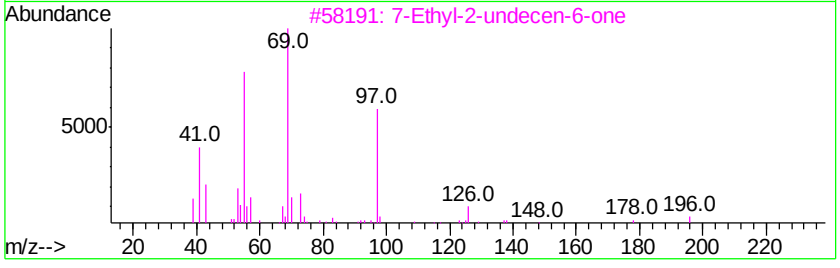


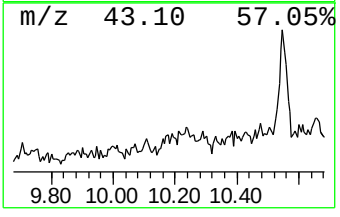












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

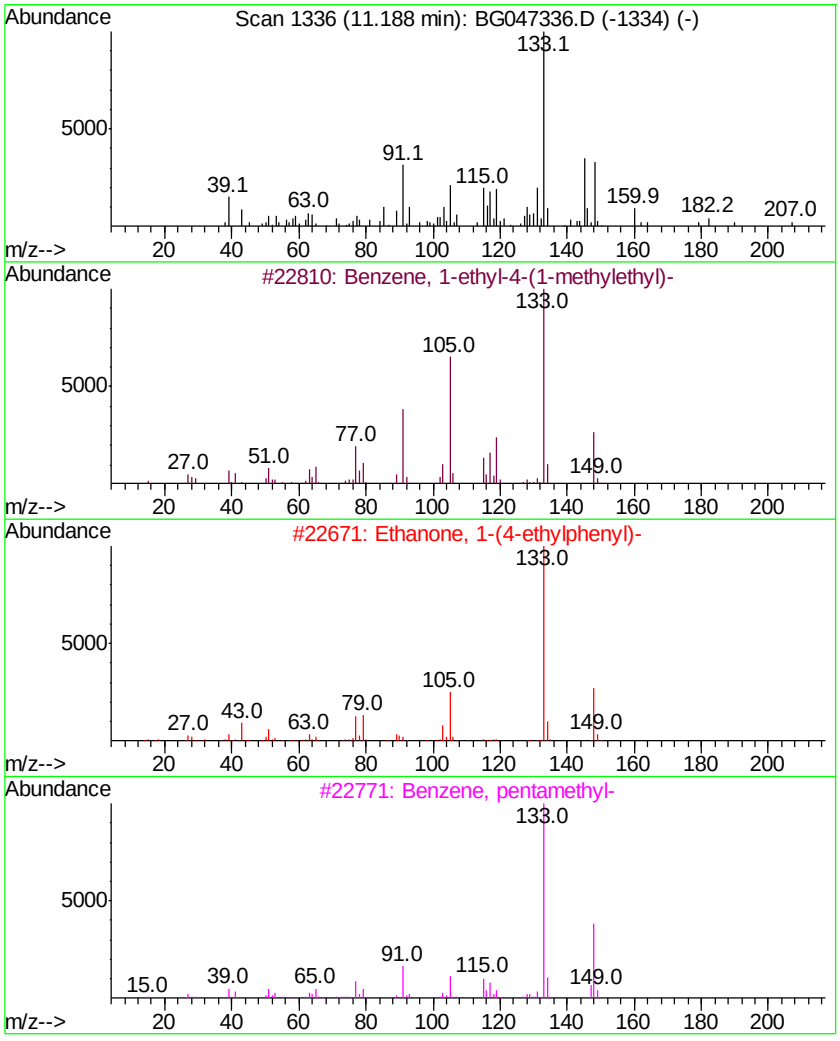
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

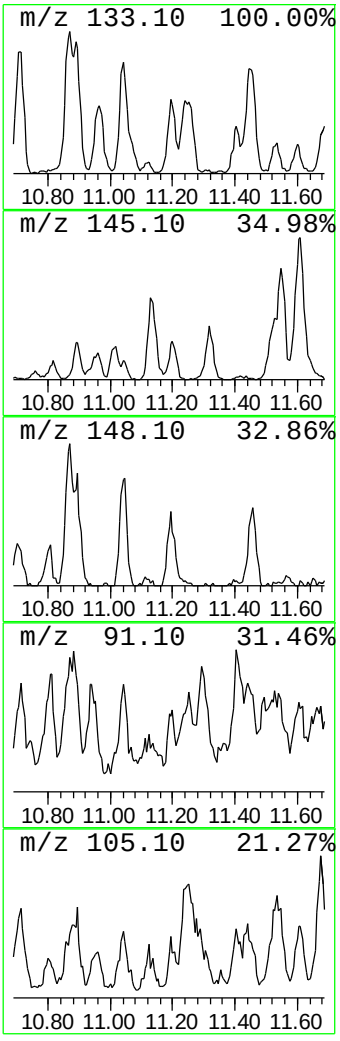
****

Peak Number 13 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	7.05 ng/ul	112979	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	45
2	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	43
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	43
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	43
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	43





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Sample : L4762-12
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

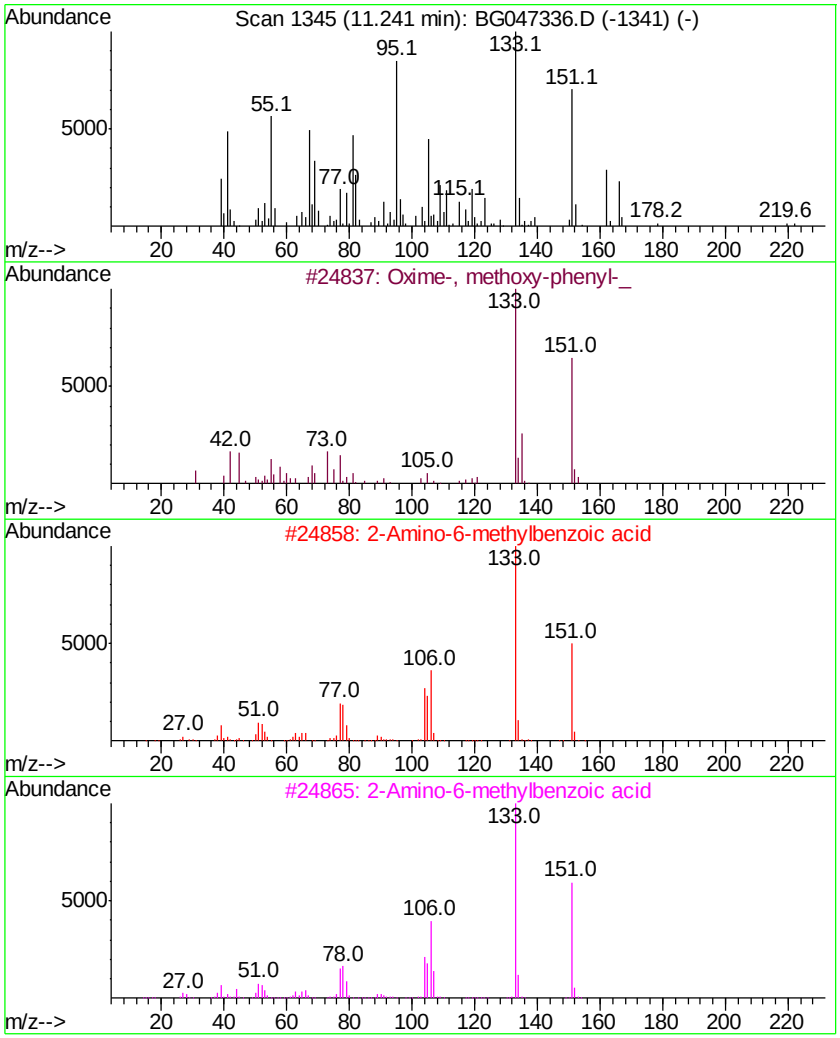
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

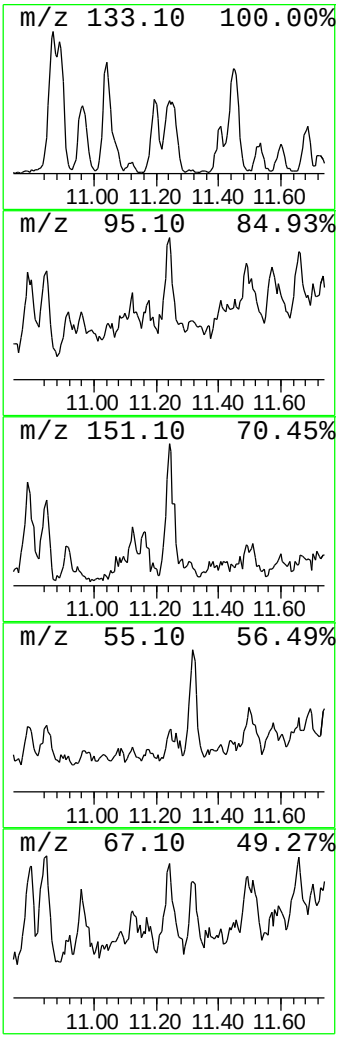
****

Peak Number 14 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	19.64 ng/ul	314821	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxime-, methoxy-phenyl-	151	C8H9NO2	1000222-86-6	30
2	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	30
3	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	30
4	Benzoic acid, 2-amino-4-methyl-	151	C8H9NO2	002305-36-4	30
5	4-Ethylbenzoic acid, hexyl ester	234	C15H22O2	1000292-34-4	27





Library Search Compound Report

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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

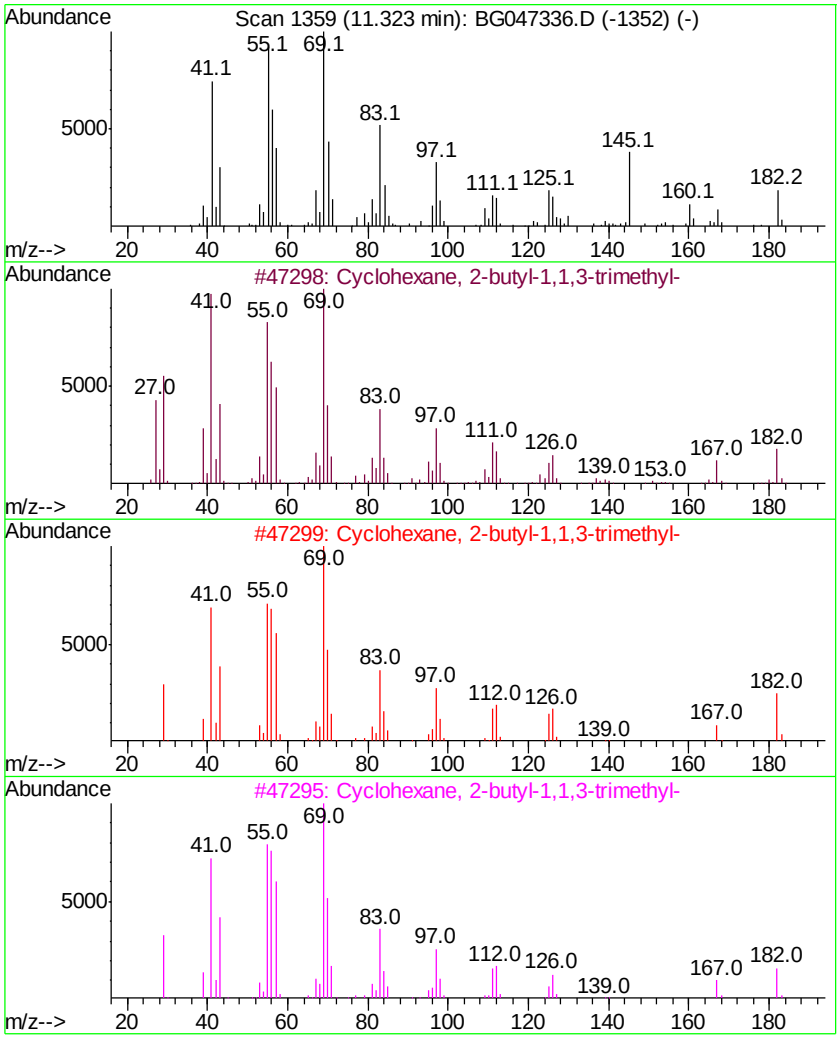
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

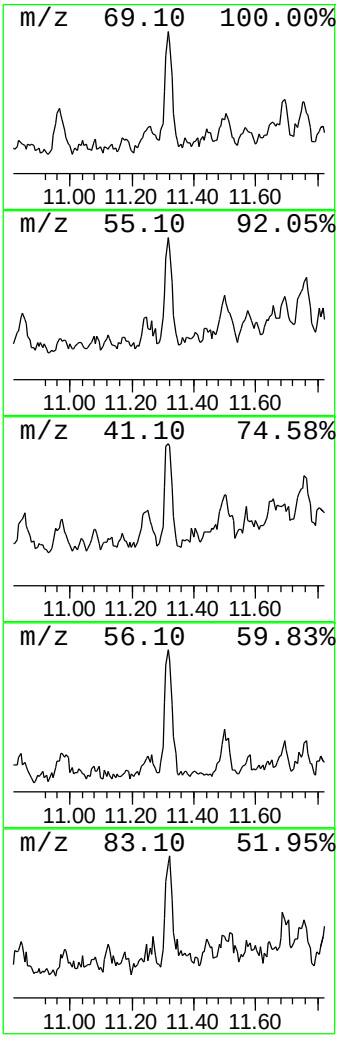
****

Peak Number 15 (DEL) Alkane: Cyclic11.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	28.75 ng/ul	460803	Naphthalene-d8	10.83

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	93
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	86
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	62
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	58





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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

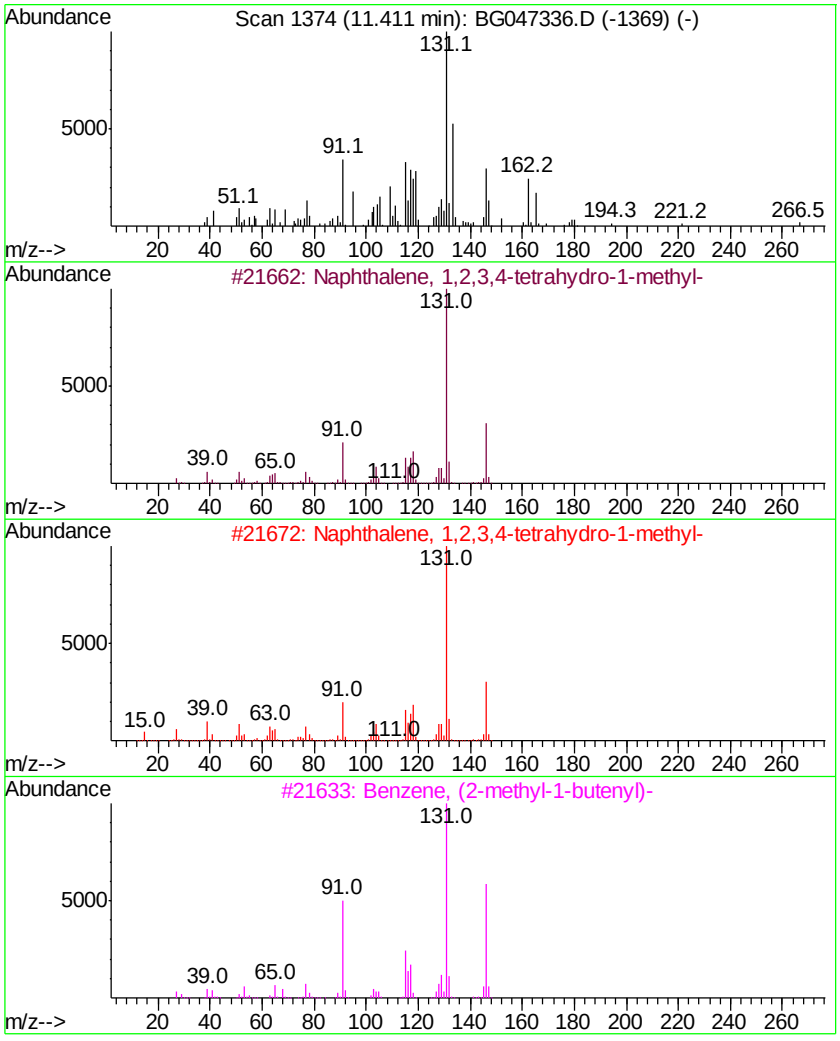
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

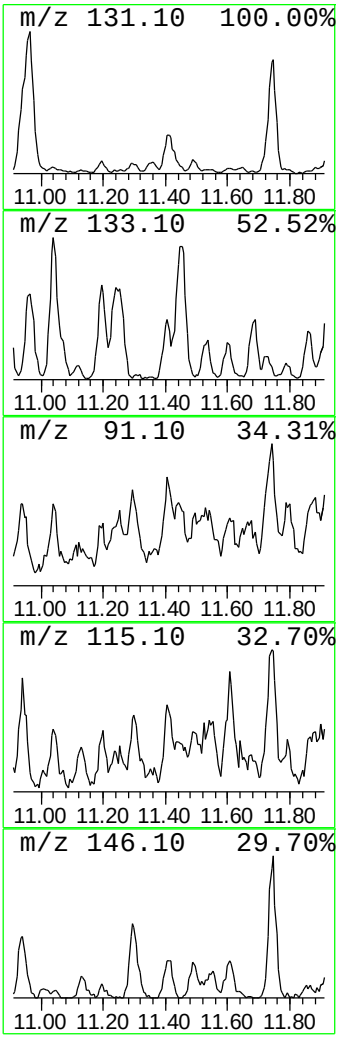
****

Peak Number 16 unknown-04 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	7.84 ng/ul	125625	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	38





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

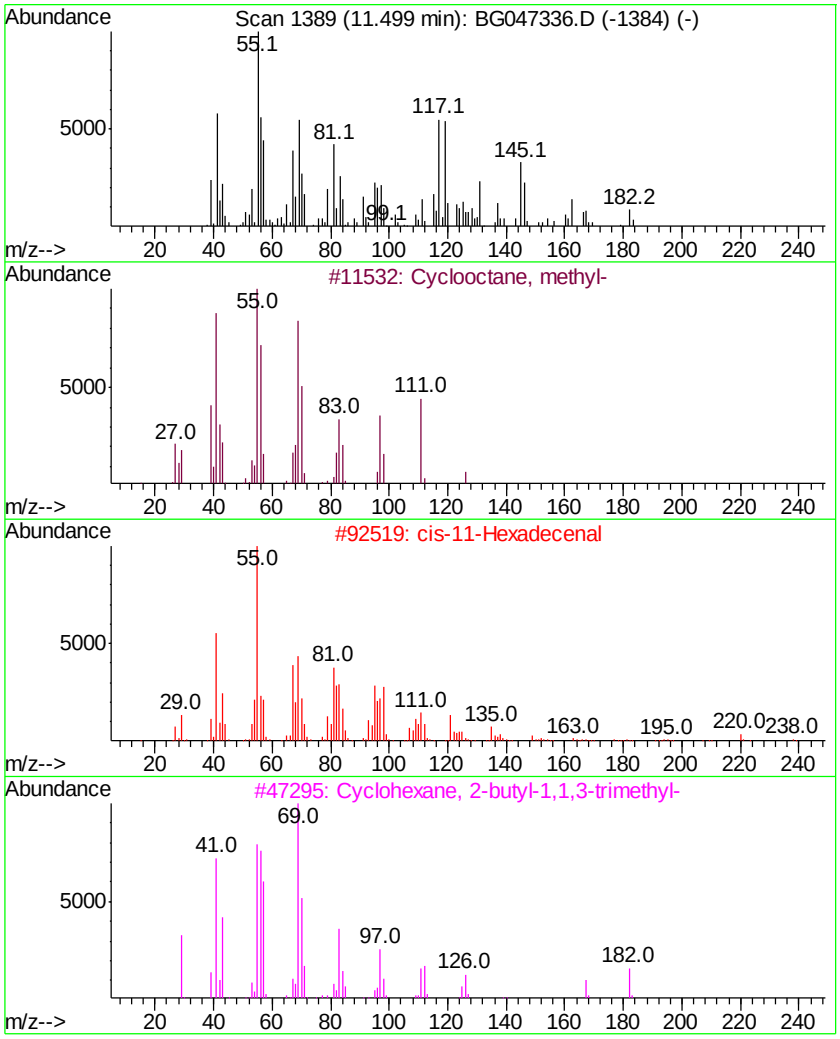
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

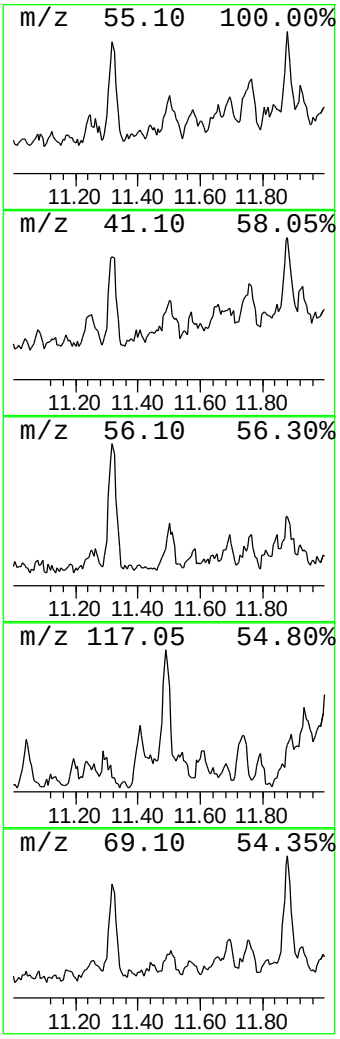
****

Peak Number 17 (DEL) Alkane: Cyclic11.50 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	15.72 ng/ul	251954	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	42
2	cis-11-Hexadecenal	238	C16H30O	053939-28-9	27
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	25
4	10-Chloro-1-decanol, pentafluoro...	338	C13H20ClF5O2	1000365-58-1	16
5	5-Chloropentanoic acid, 1-(cyclo...	232	C12H21ClO2	1000293-37-6	16





Library Search Compound Report

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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

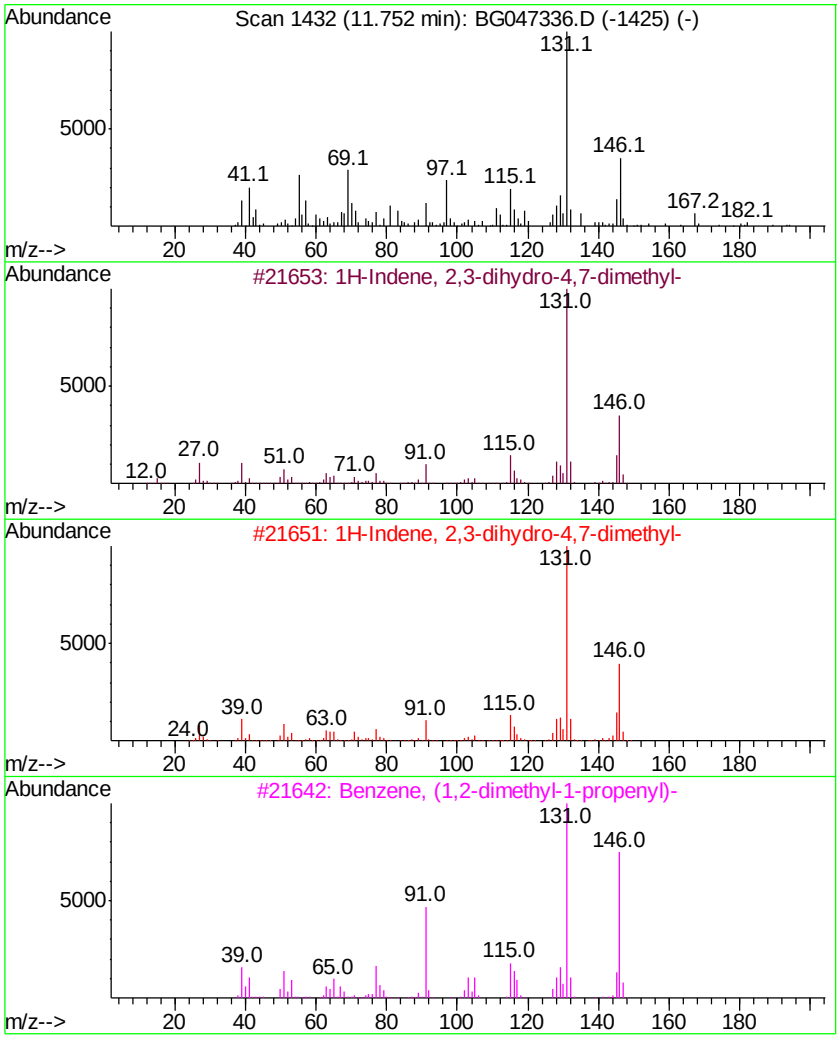
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

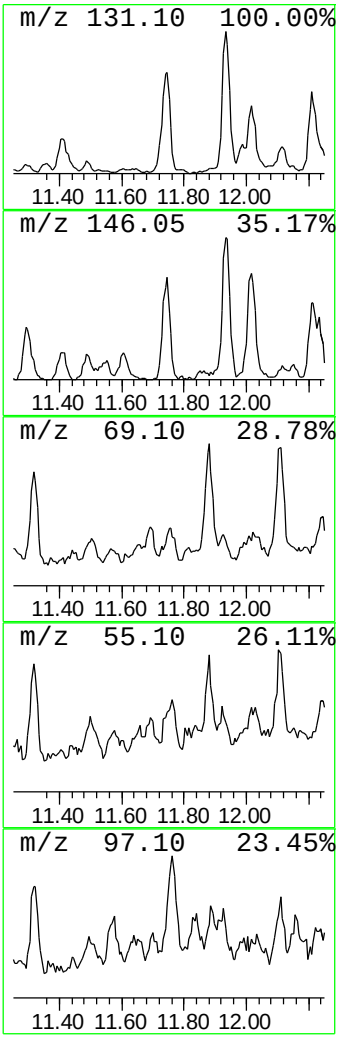
****

Peak Number 18 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	27.14 ng/ul	434988	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	92
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

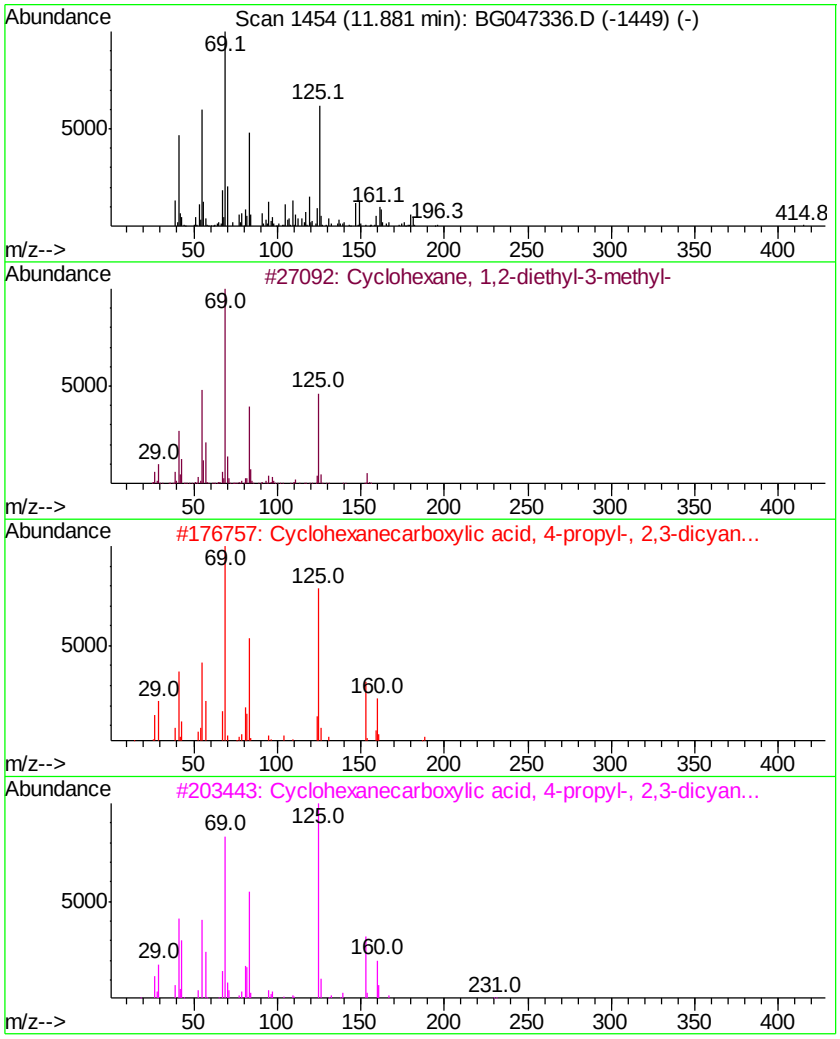
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

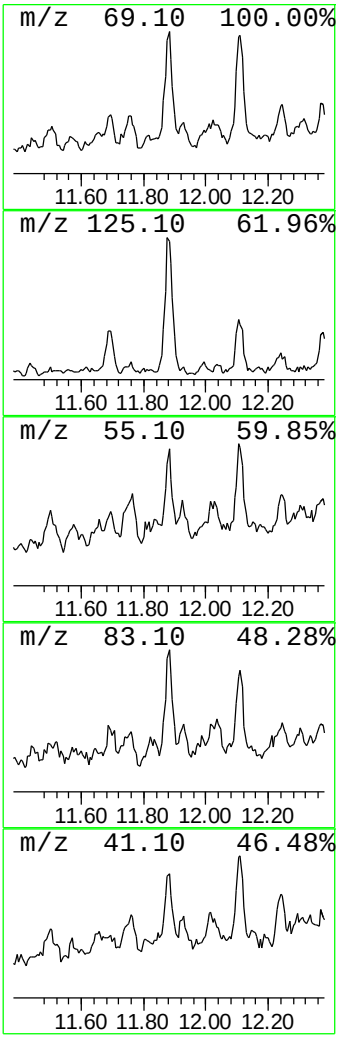
****

Peak Number 19 (DEL) Alkane: Cyclic11.88 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	20.00 ng/ul	320492	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
2	Cyclohexanecarboxylic acid, 4-pr...	340	C20H24N2O3	133856-82-3	59
3	Cyclohexanecarboxylic acid, 4-pr...	382	C23H30N2O3	075941-50-3	53
4	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	52
5	1-Dodecyn-4-ol	182	C12H22O	074646-36-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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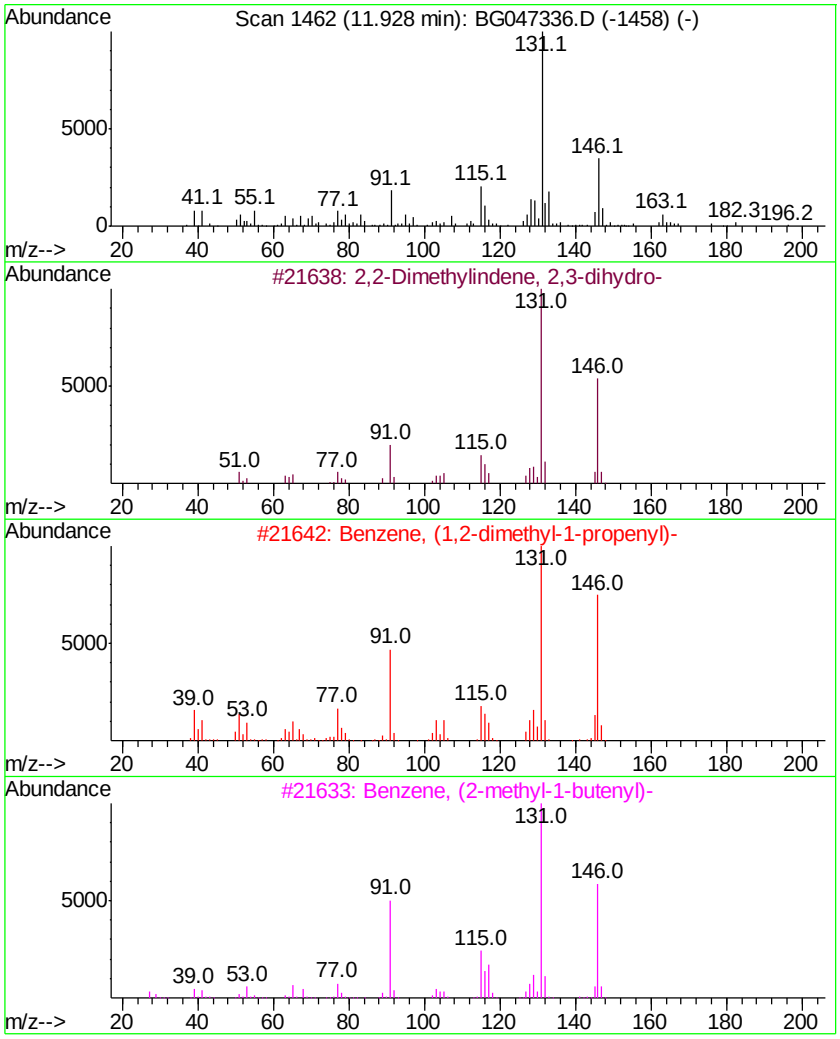
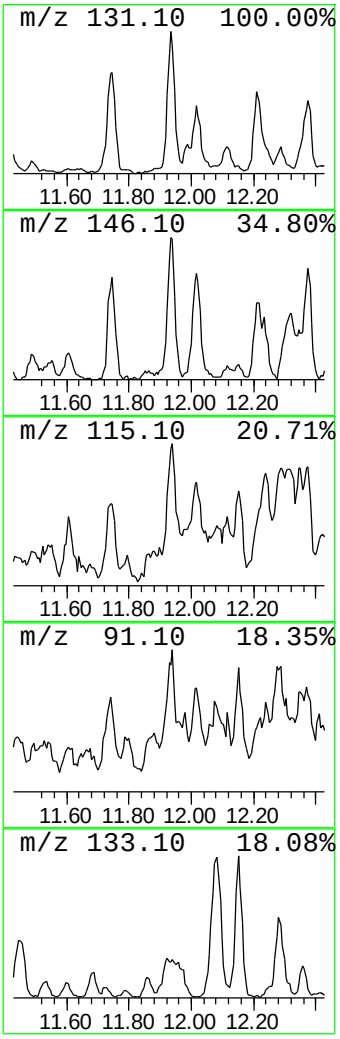
Peak Number 20 2,2-Dimethylindene, 2,3-dih... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	26.28 ng/ul	421285	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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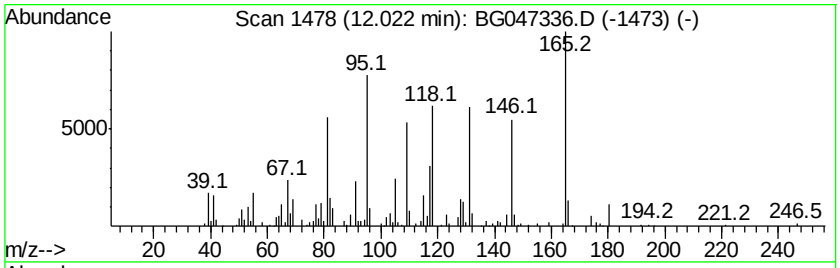
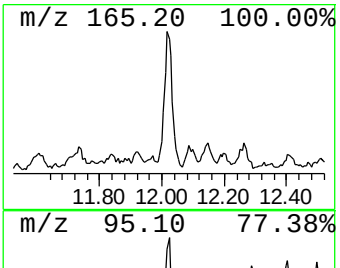
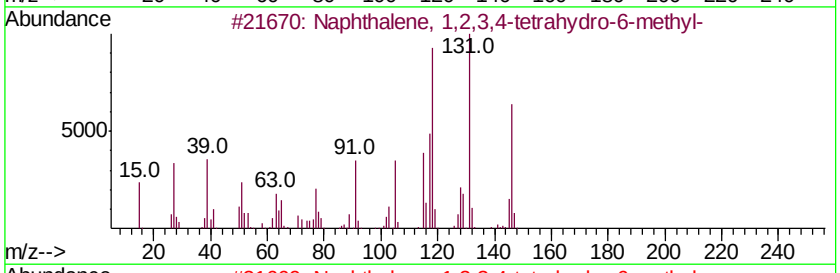
Peak Number 21 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

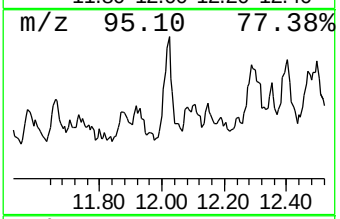
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	21.26 ng/ul	340730	Naphthalene-d8	10.83

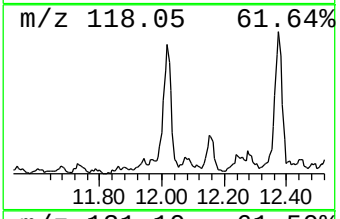
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50

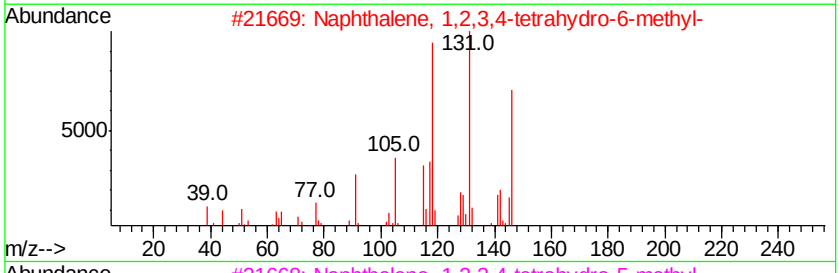


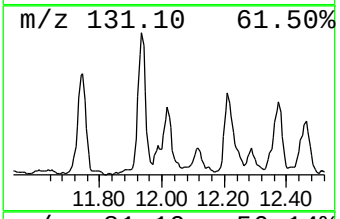


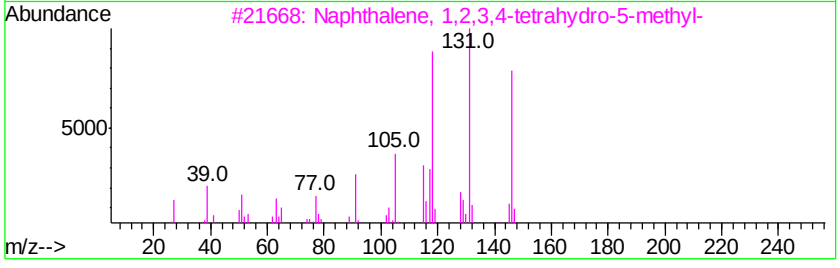


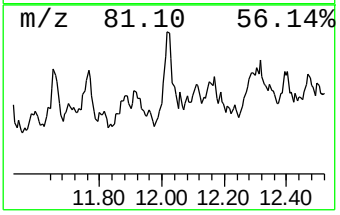












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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

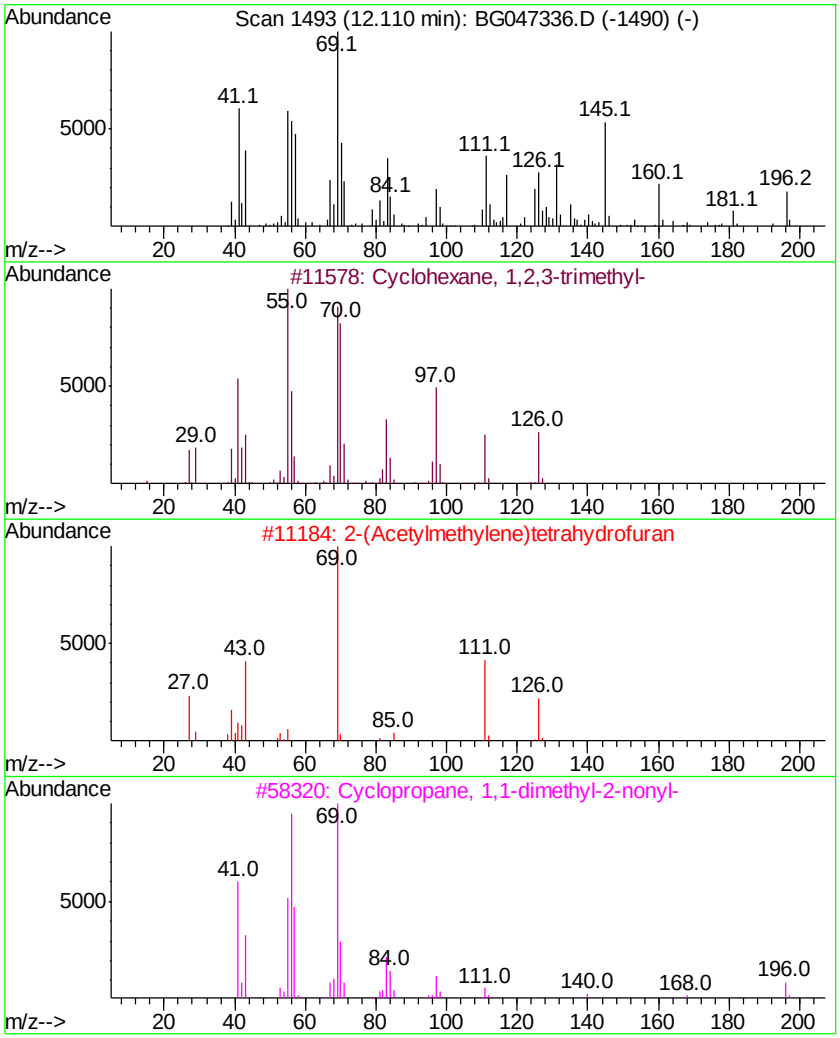
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

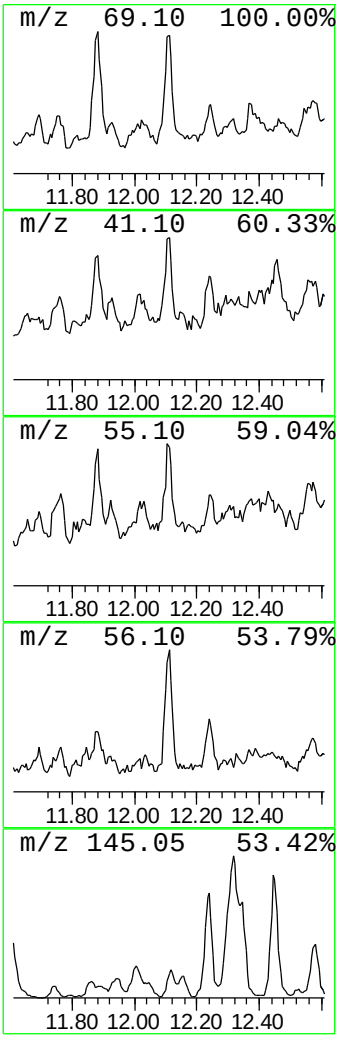
****

Peak Number 22 (DEL) Alkane: Cyclic12.11 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	19.14 ng/ul	306837	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
2	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	38
3	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	38
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	38
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	35





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Data File : BG047336.D
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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

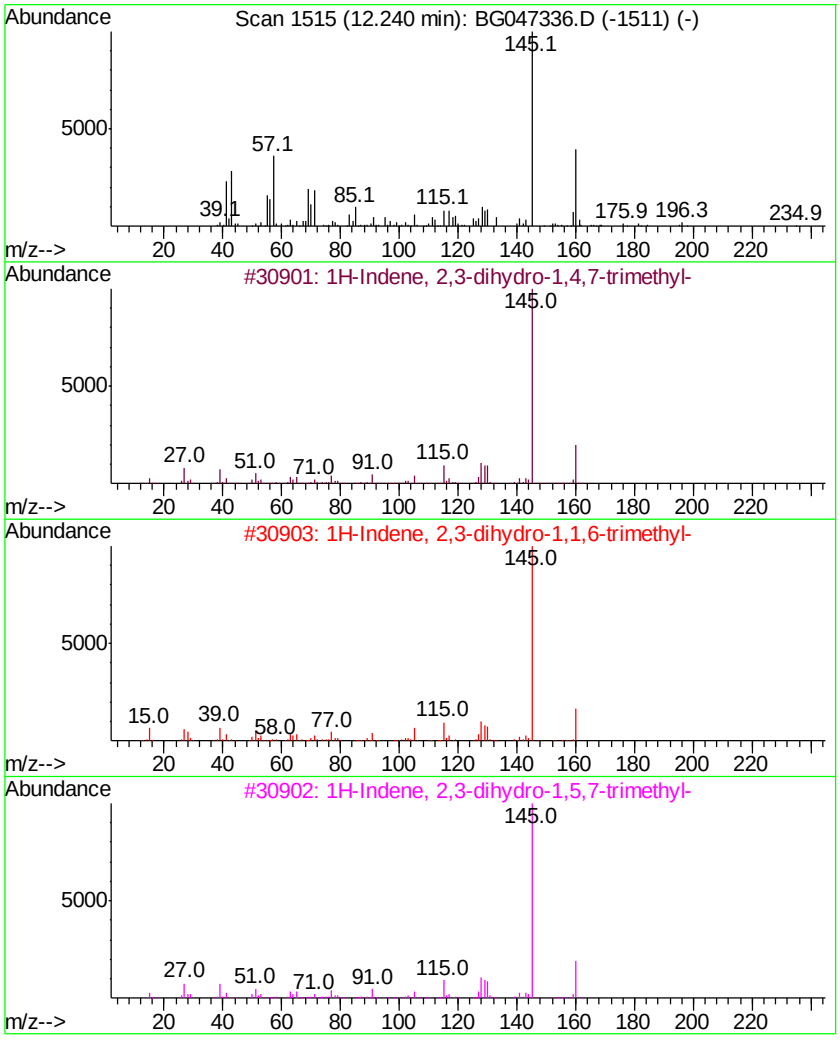
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

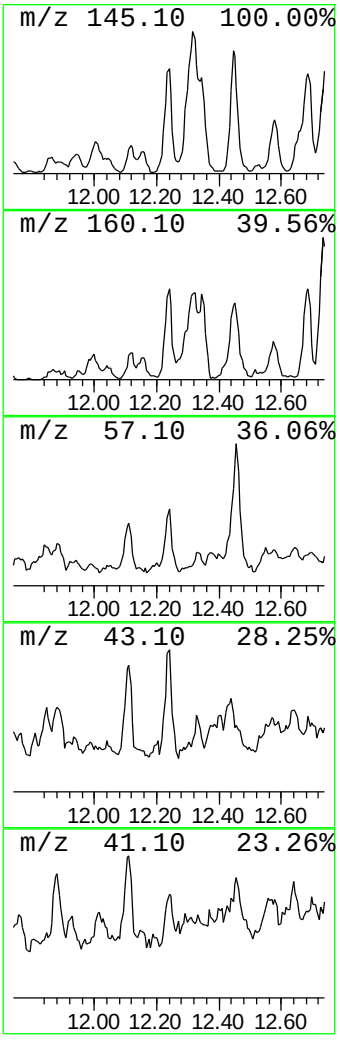
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	16.78 ng/ul	268959	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	80
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	80
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	80
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	80
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	74





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Data File : BG047336.D
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Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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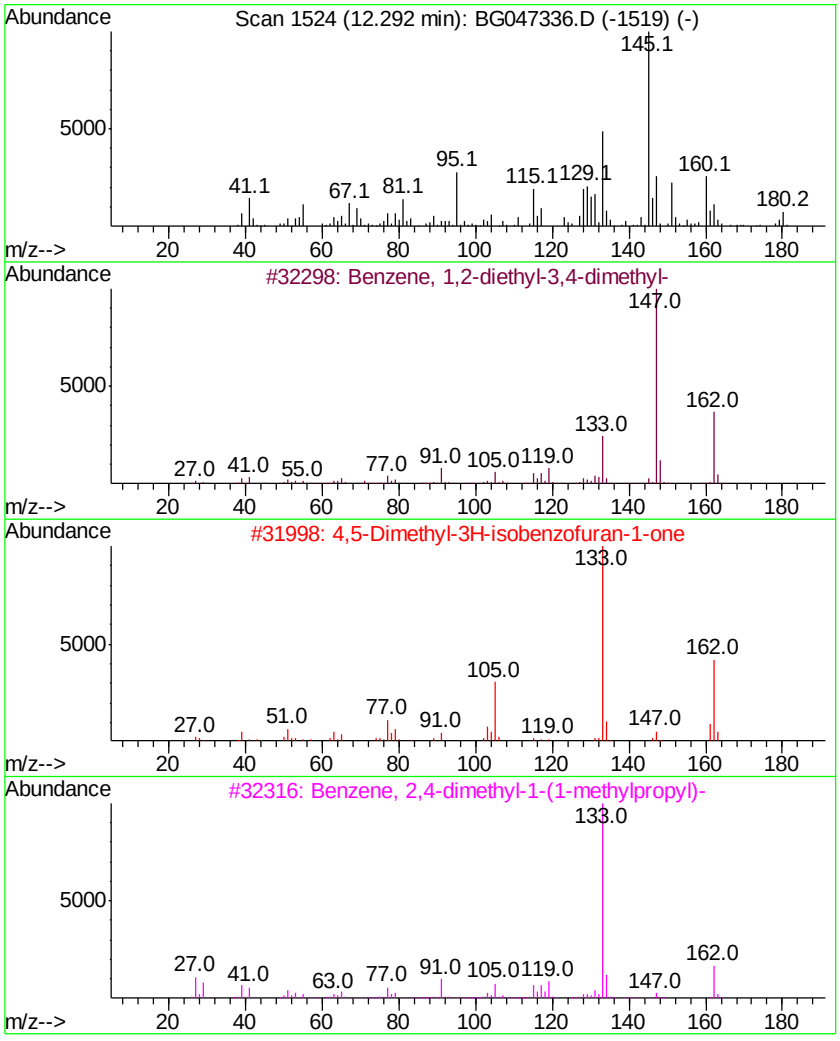
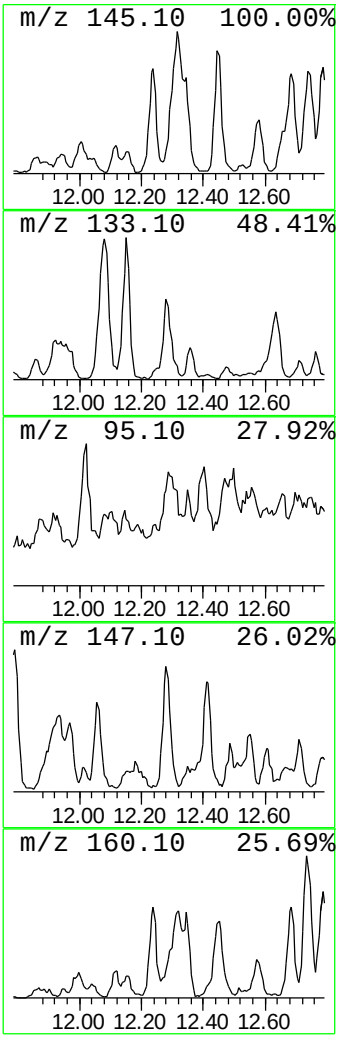
Peak Number 25 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	15.87 ng/ul	254414	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	27
2	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	22
3	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	22
4	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	18
5	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	14





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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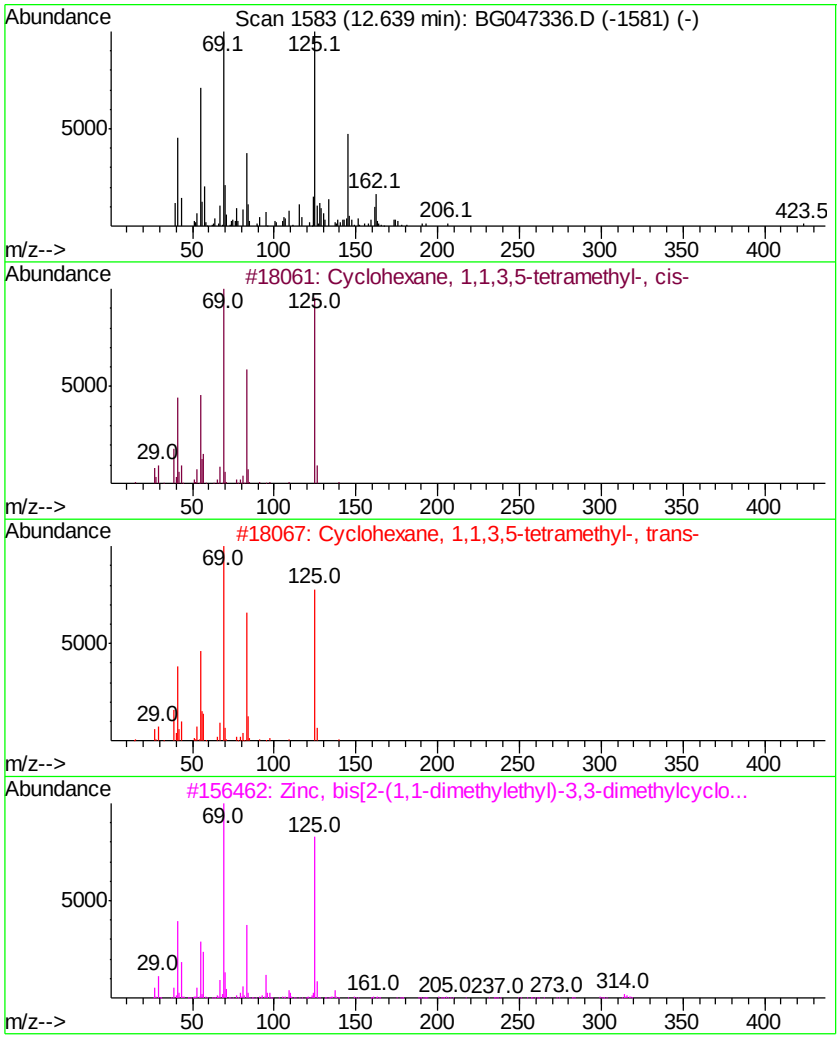
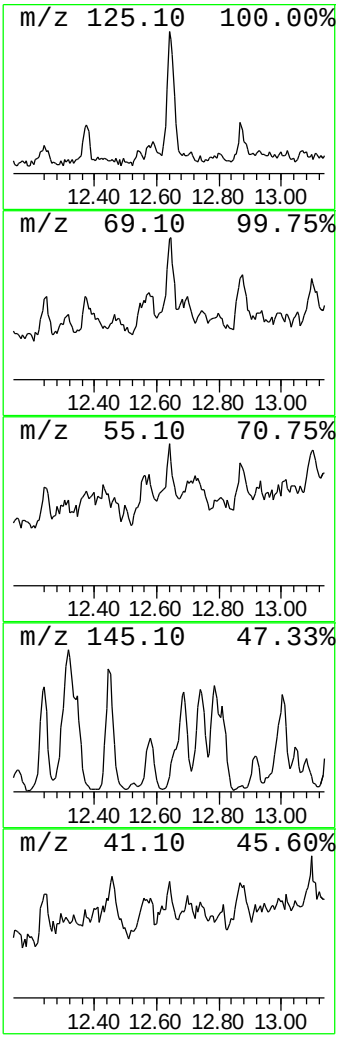
Peak Number 26 (DEL) Alkane: Cyclic12.64 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.89 ng/ul	126476	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	58
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
3	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
5	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	47





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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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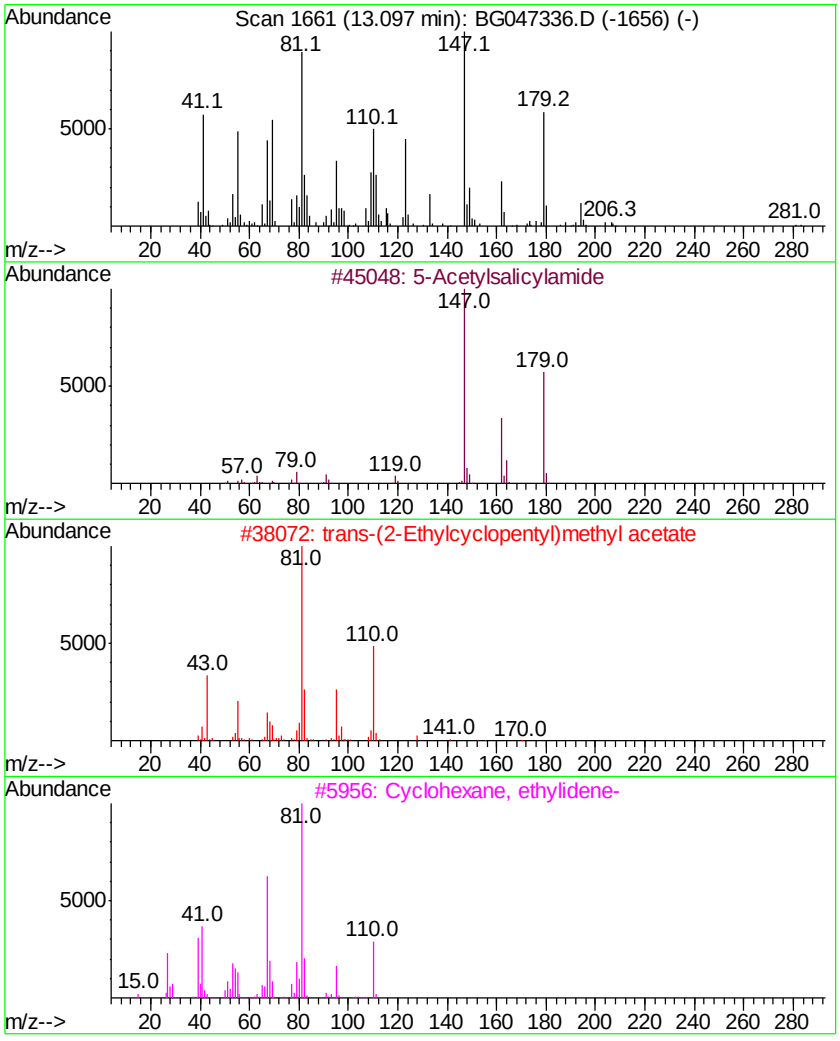
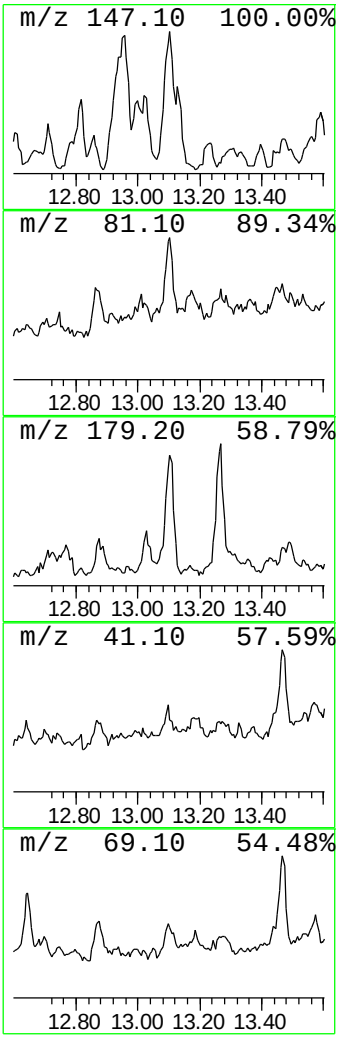
Peak Number 31 unknown-06 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.49 ng/ul	330036	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Acetylsalicylamide	179	C9H9NO3	040187-51-7	27
2	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	22
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	14
4	1-Pentamethyldisilyloxy-2-phenyl...	252	C13H24OSi2	1000216-93-8	14
5	4-Ethylcyclohexene	110	C8H14	003742-42-5	14





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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

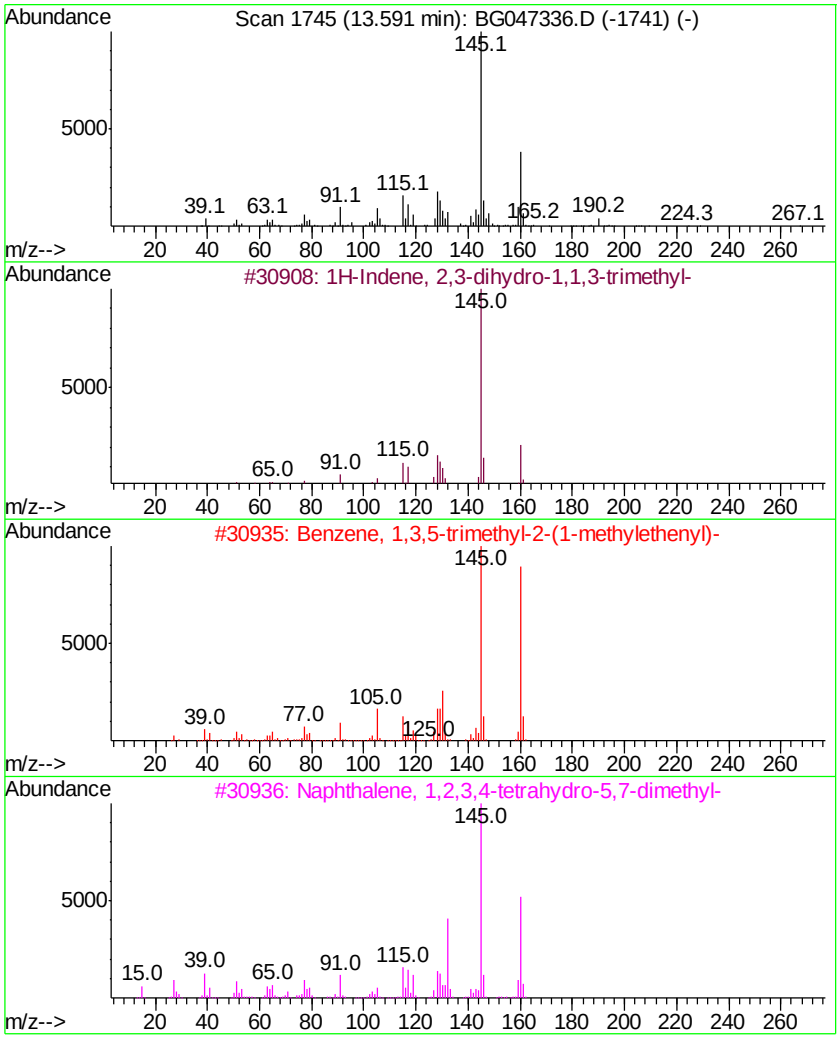
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

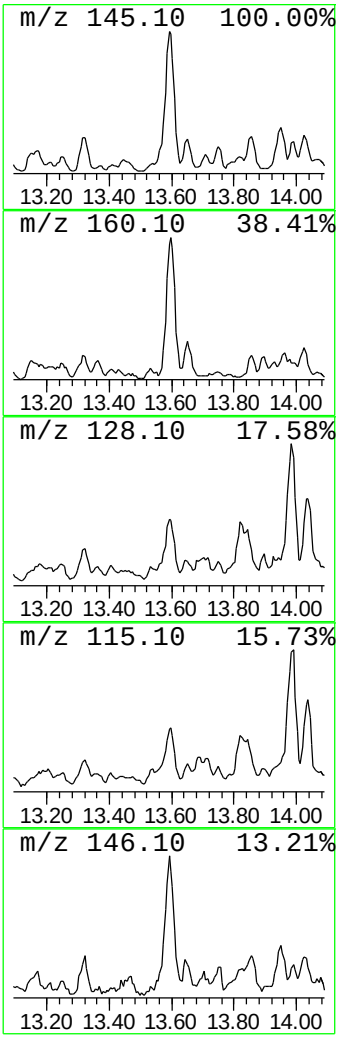
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	24.44 ng/ul	1242360	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	95
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90





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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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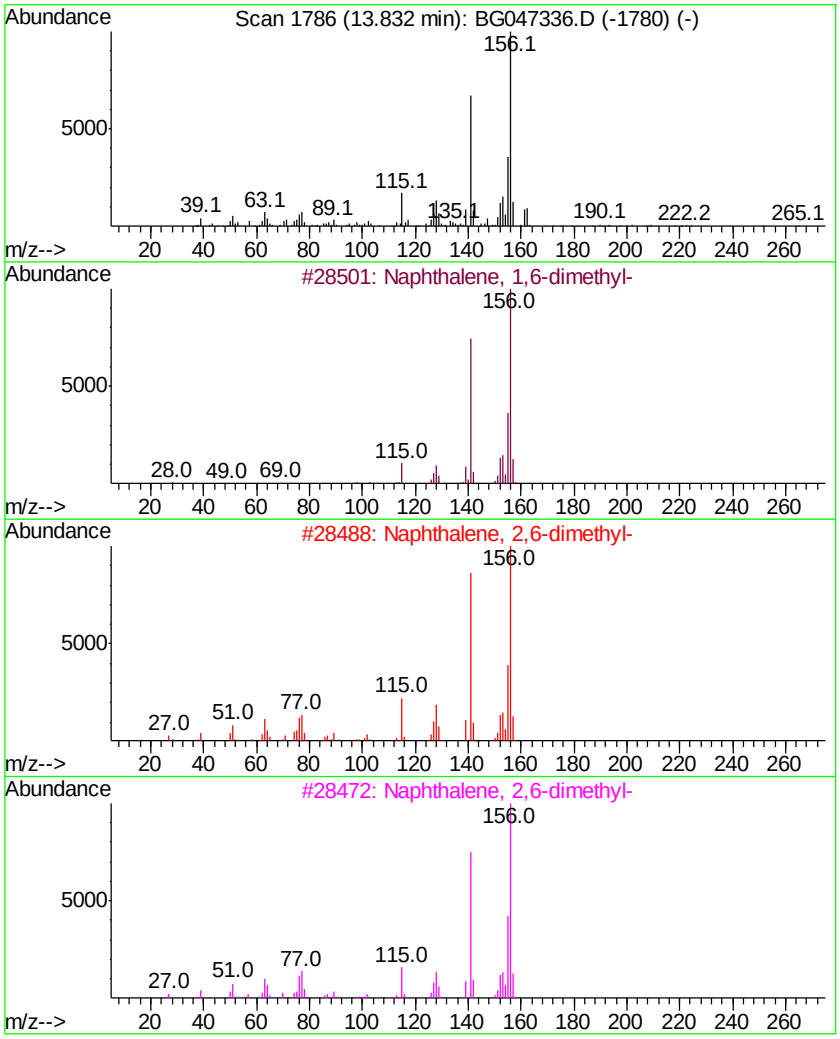
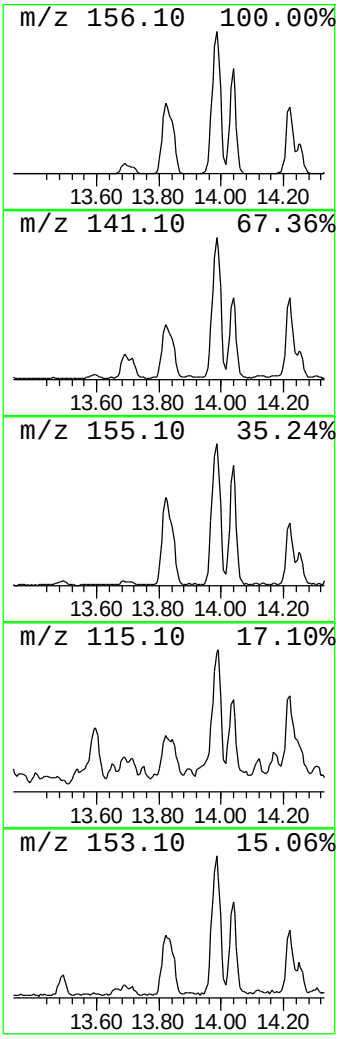
Peak Number 34 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	29.13 ng/ul	1481030	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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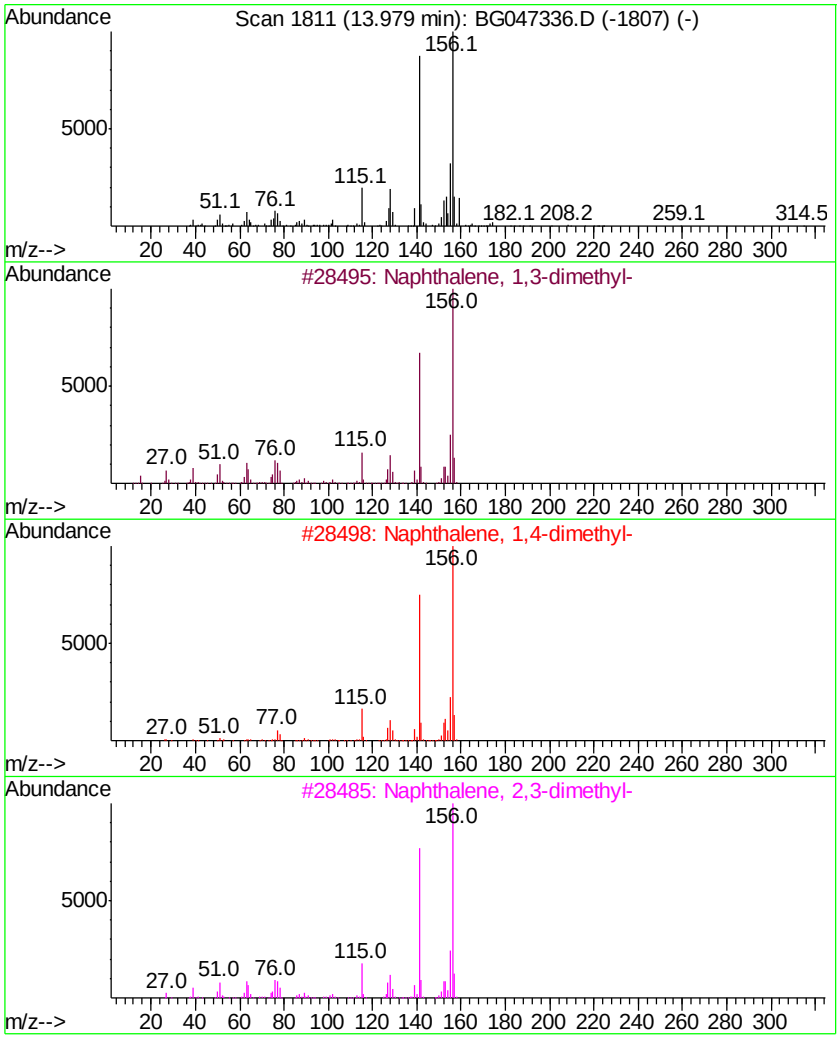
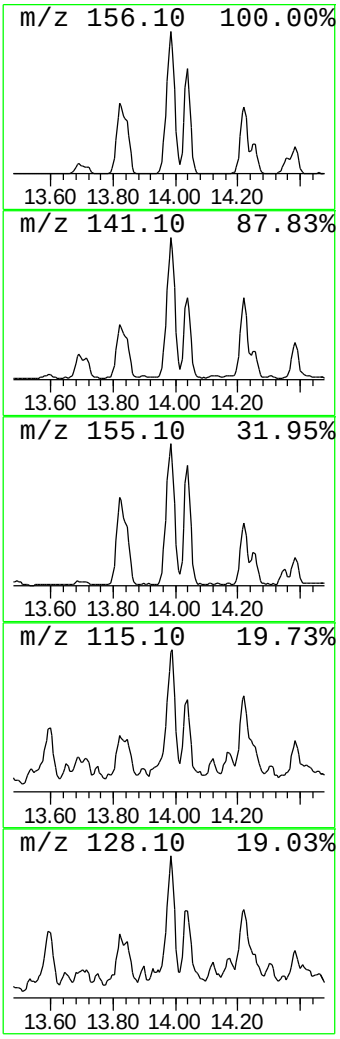
Peak Number 35 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	44.31 ng/ul	2252720	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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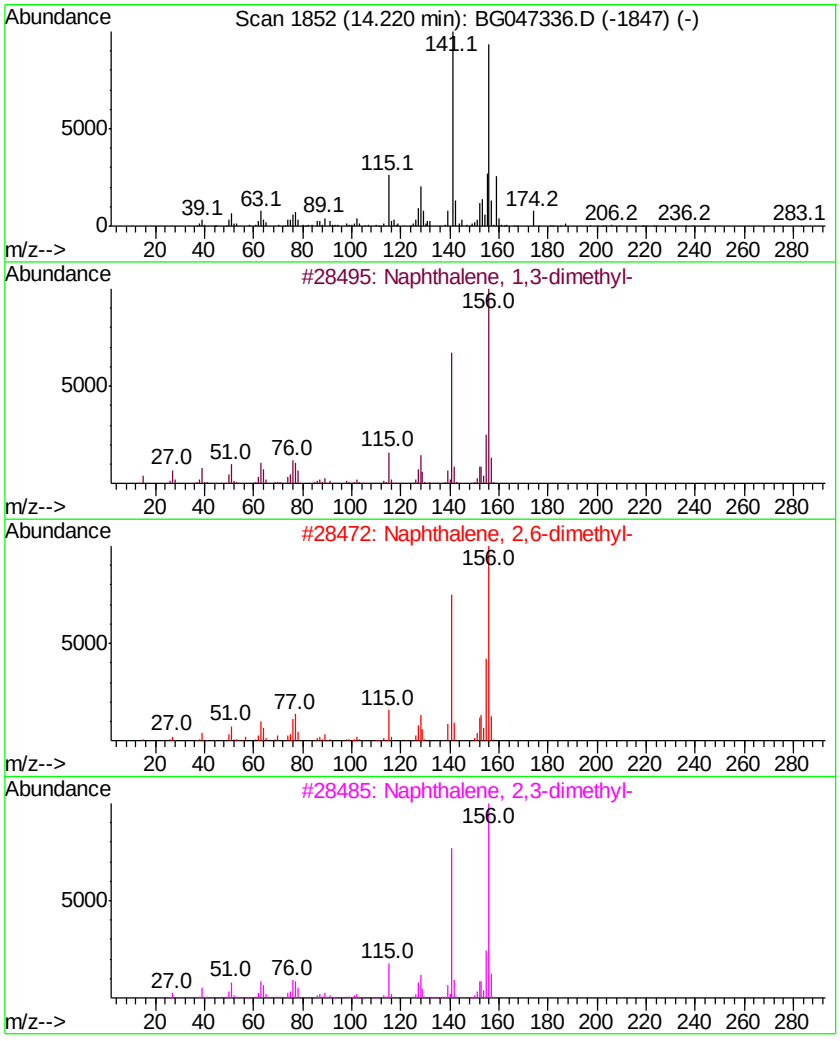
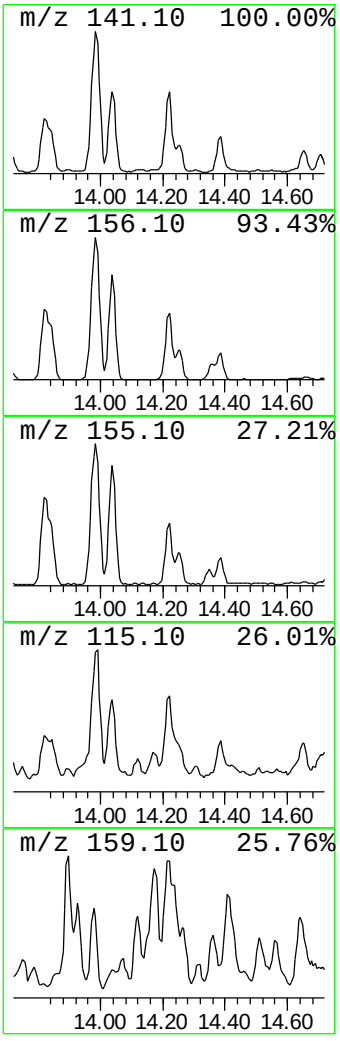
Peak Number 37 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	47.99 ng/ul	2439760	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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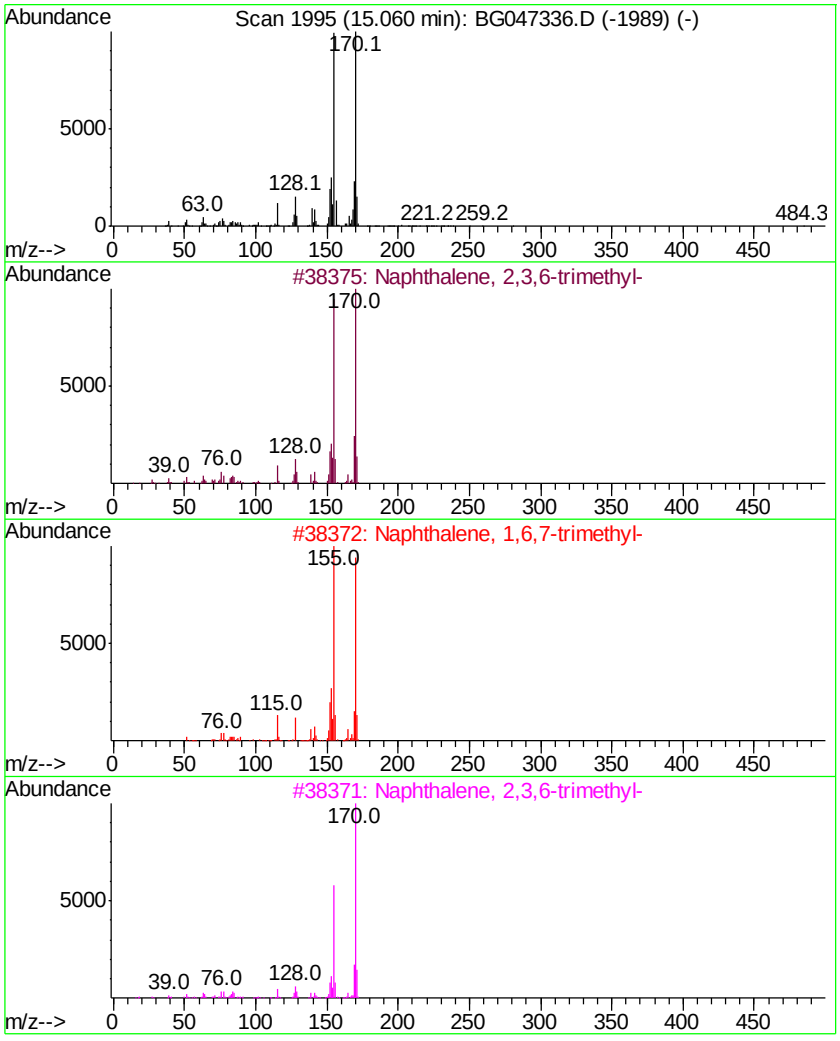
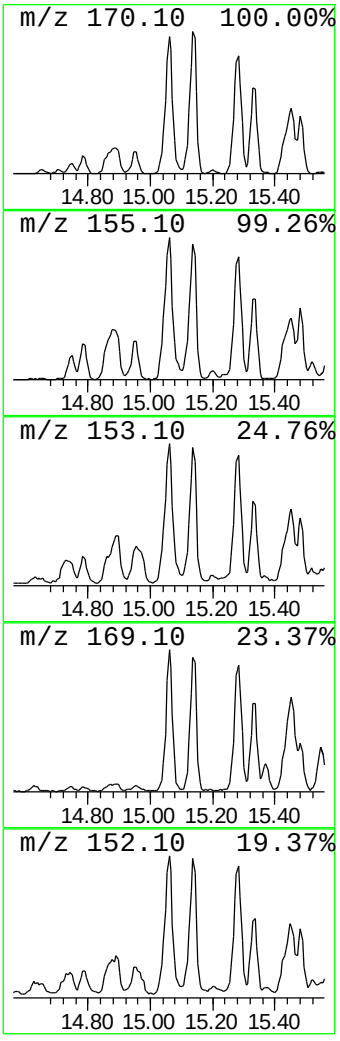
Peak Number 40 Naphthalene, 2,3,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	72.81 ng/ul	3701360	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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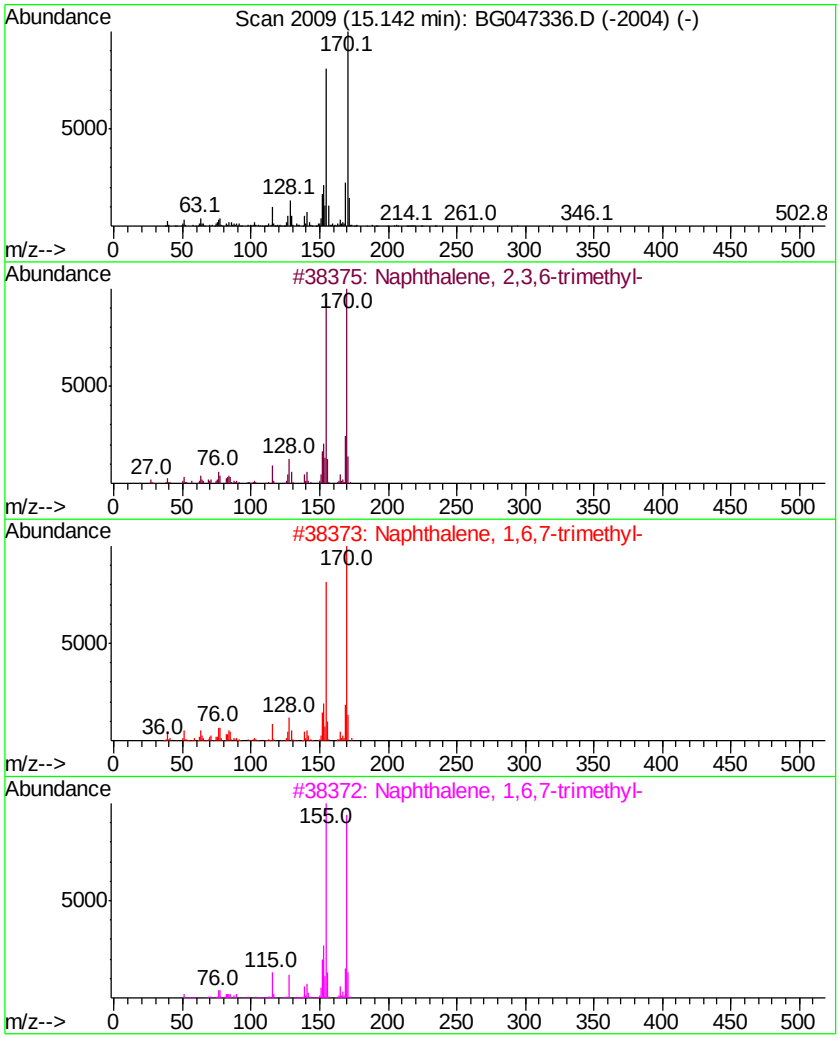
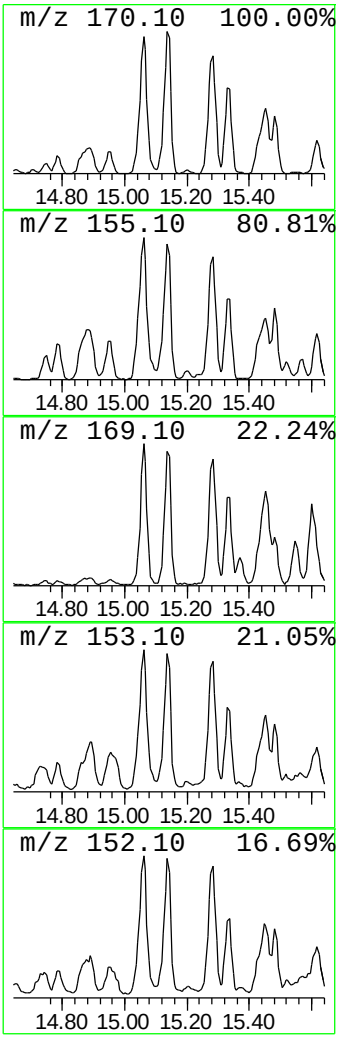
Peak Number 41 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	57.18 ng/ul	2907090	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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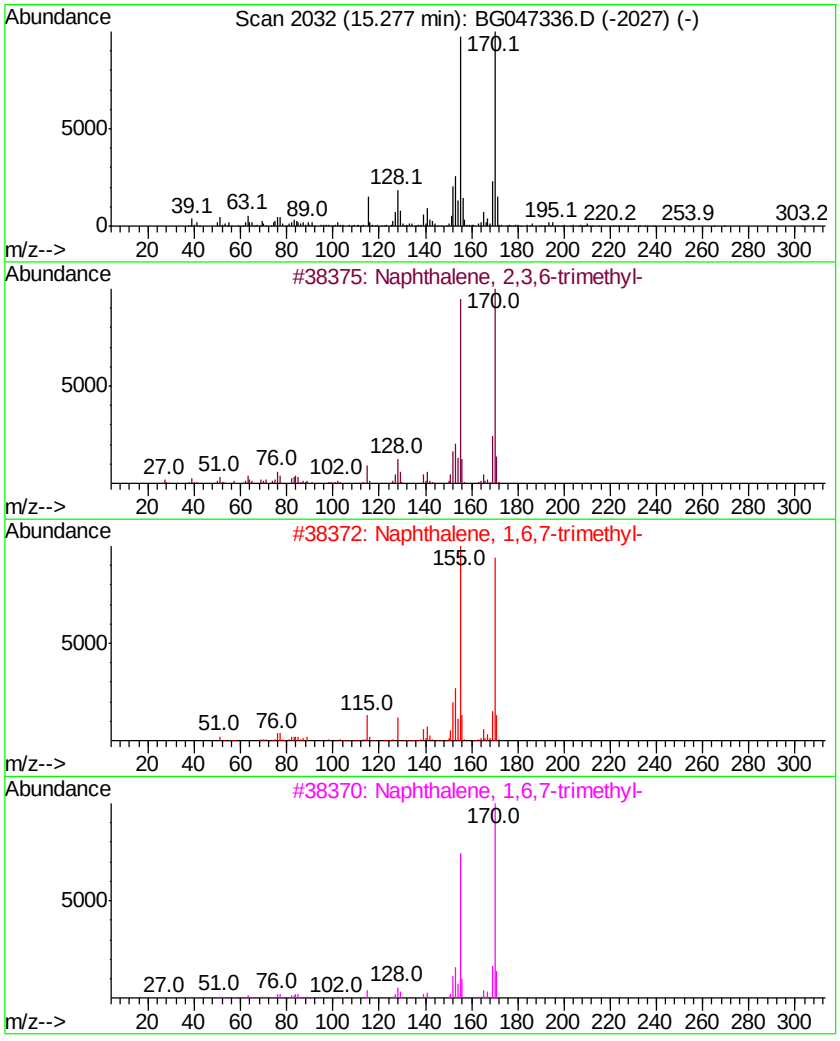
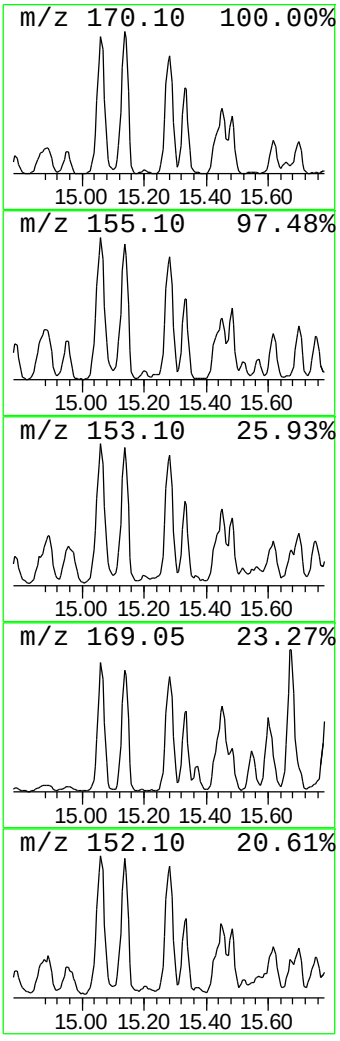
Peak Number 42 Naphthalene, 1,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	63.86 ng/ul	3246270	Acenaphthene-d10	14.66

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





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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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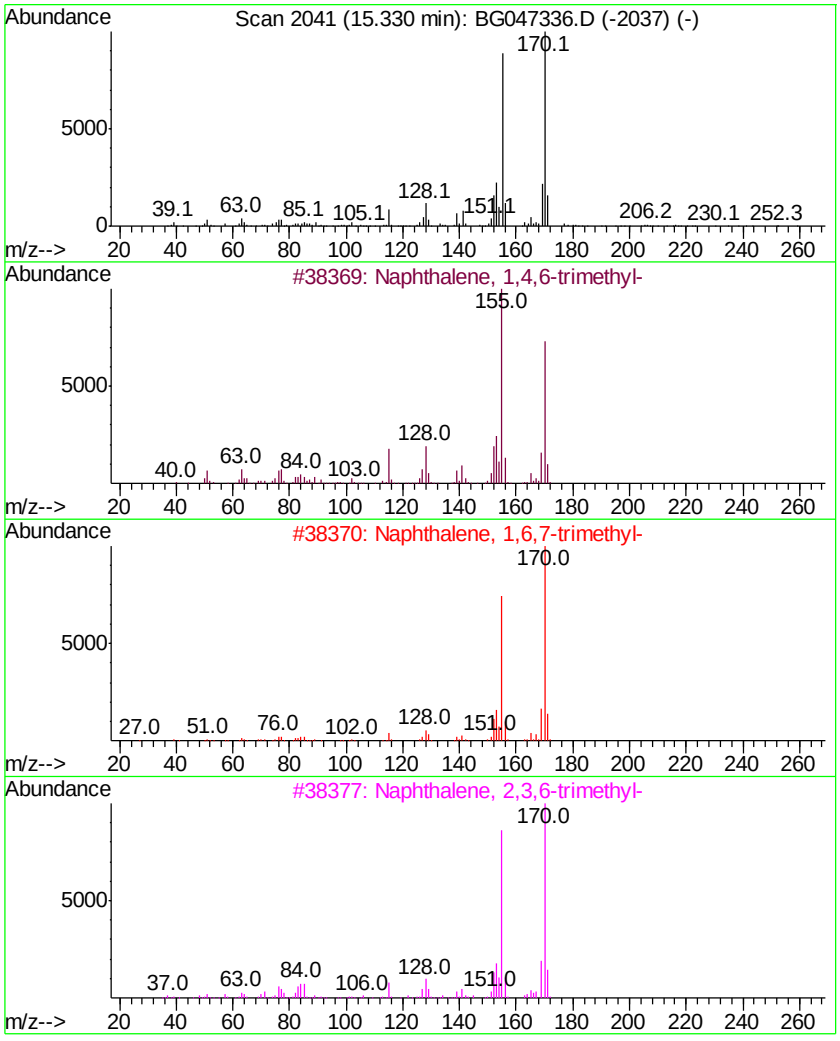
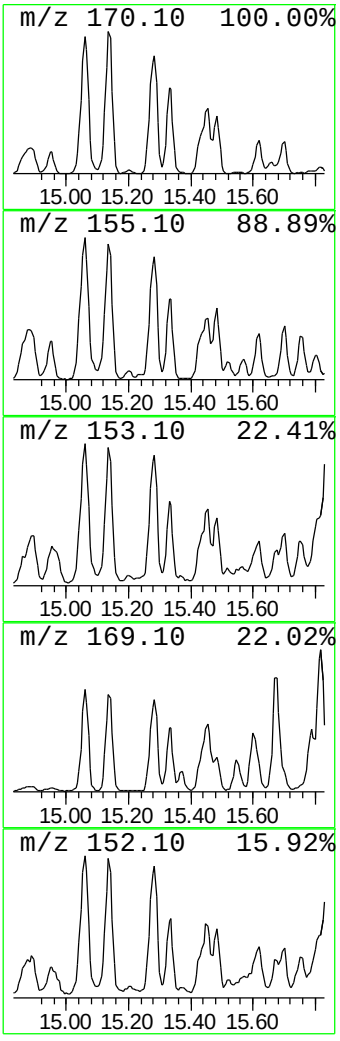
Peak Number 43 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	31.53 ng/ul	1603070	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	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	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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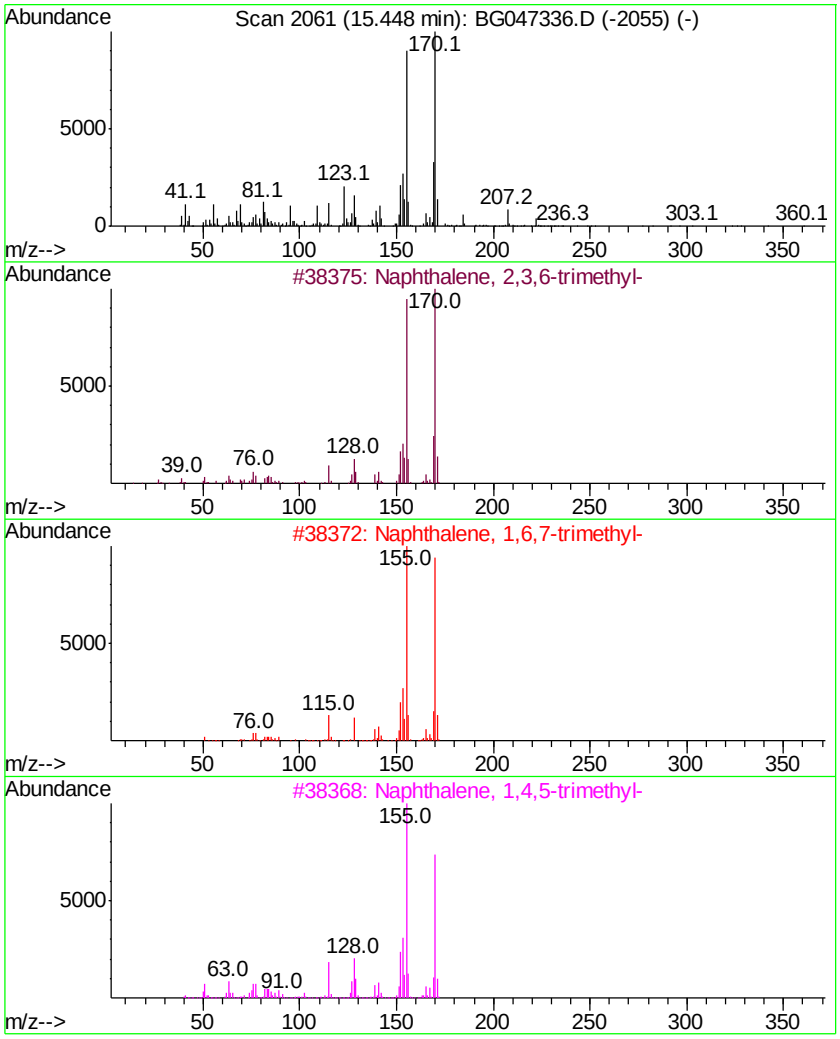
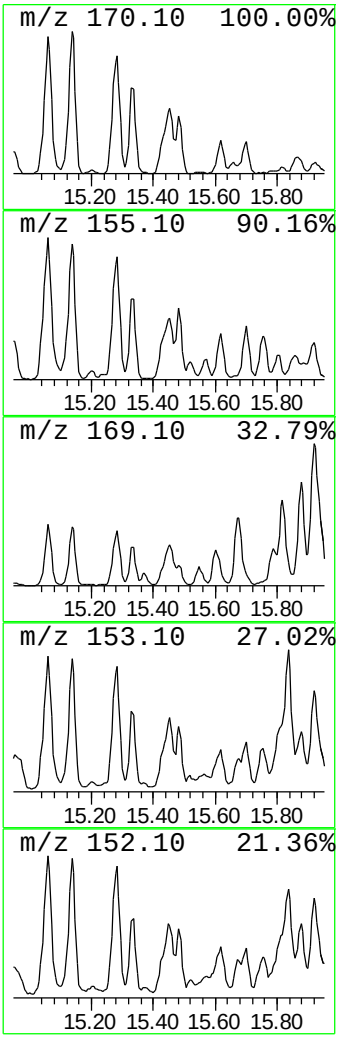
Peak Number 44 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	44.38 ng/ul	2255930	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

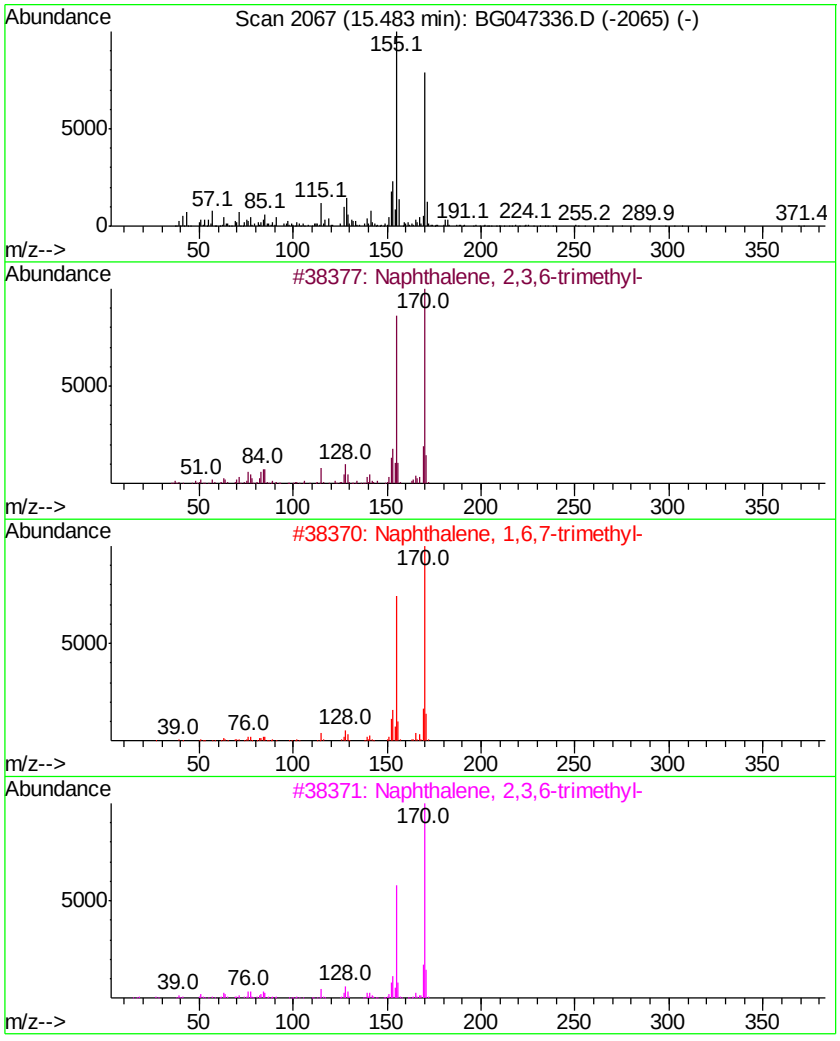
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

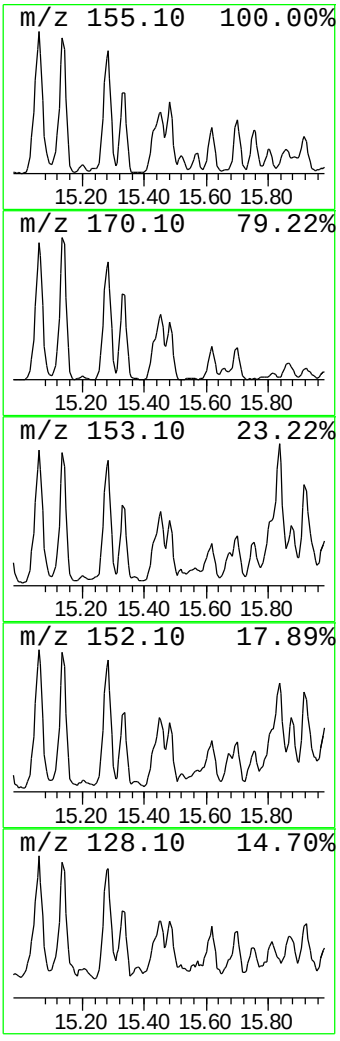
****

Peak Number 45 unknown-08 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	20.16 ng/ul	1024940	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

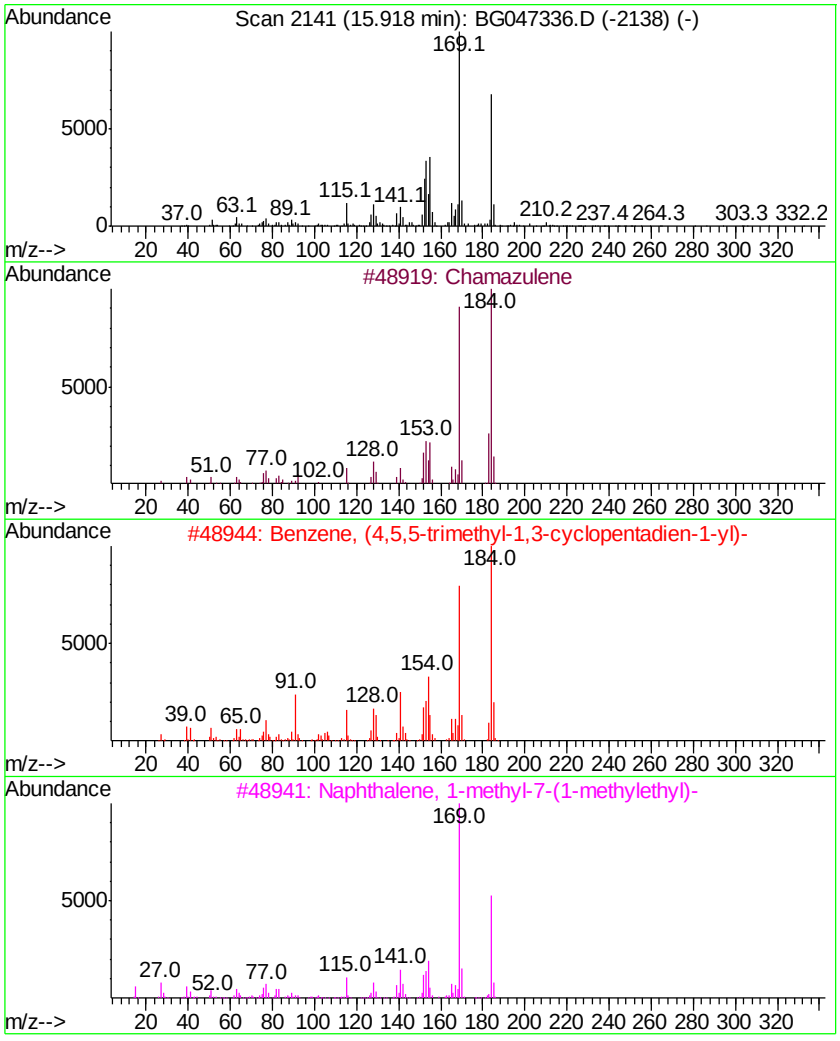
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

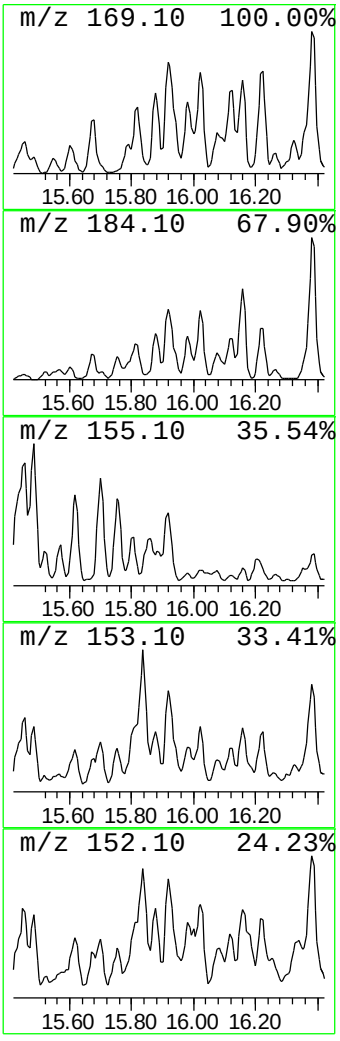
****

Peak Number 47 Chamazulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	29.55 ng/ul	1502310	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	95
2	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	83
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	74
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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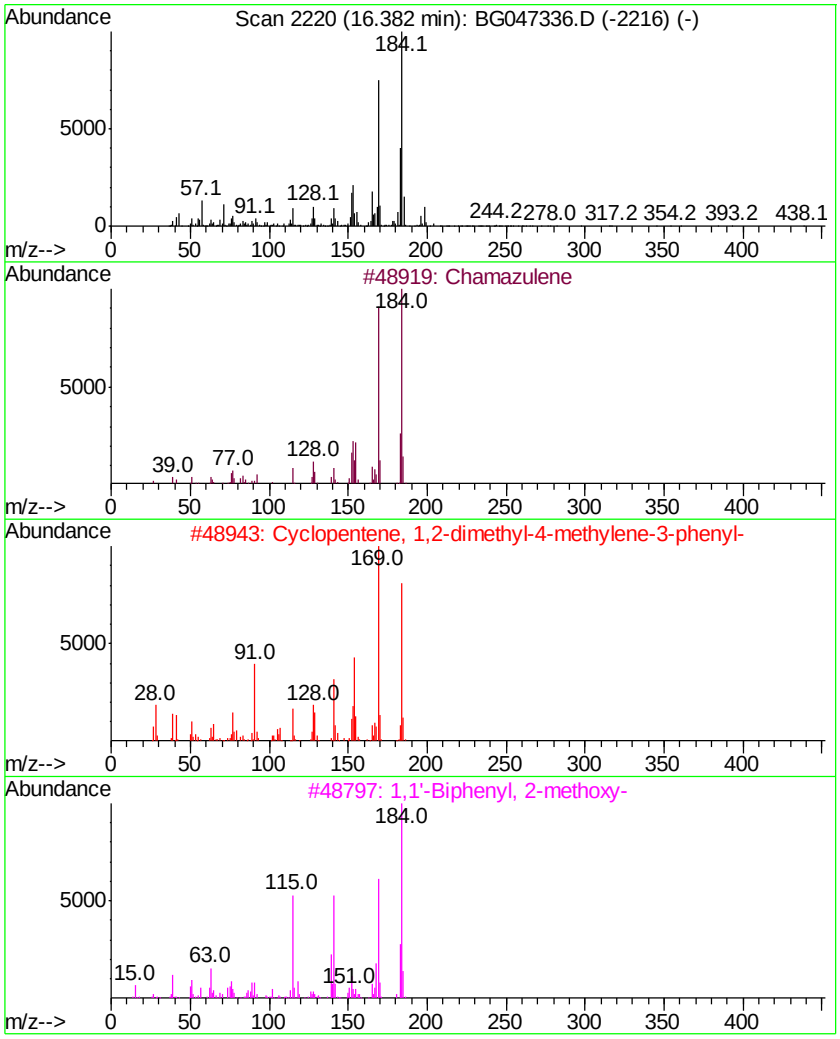
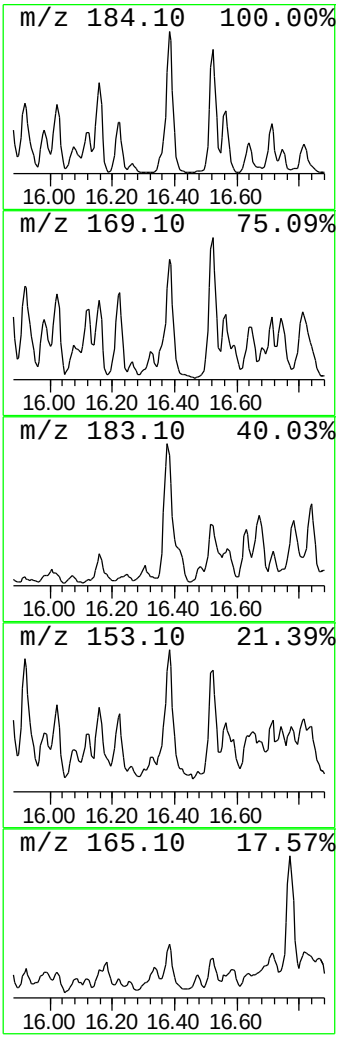
Peak Number 53 Cyclopentene, 1,2-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	44.11 ng/ul	3889950	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	91
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	76
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	74
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
5	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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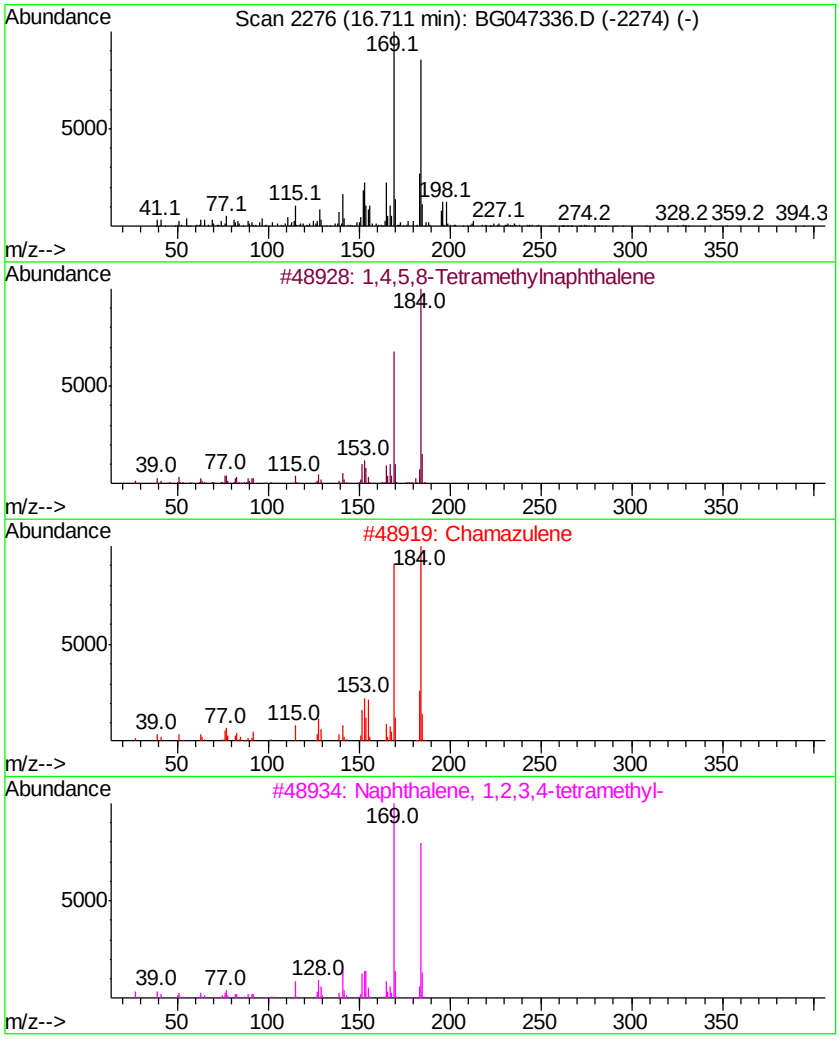
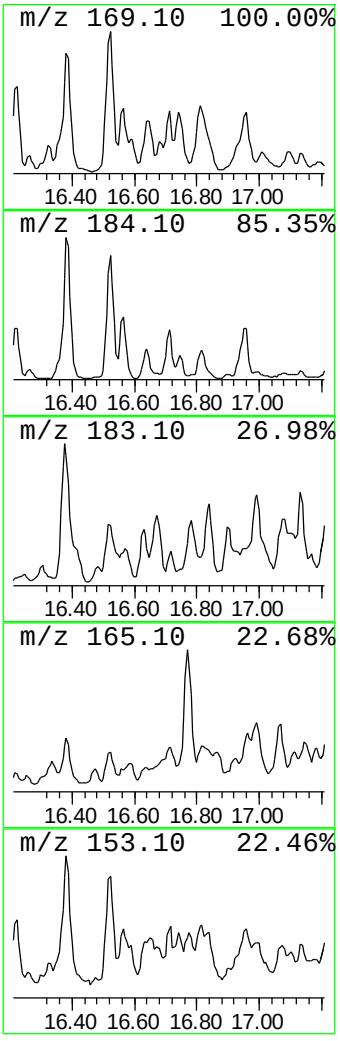
Peak Number 57 1,4,5,8-Tetramethylnaphthalene Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	5.13 ng/ul	452787	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	94
2	Chamazulene	184	C14H16	000529-05-5	91
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	89
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	70
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	68





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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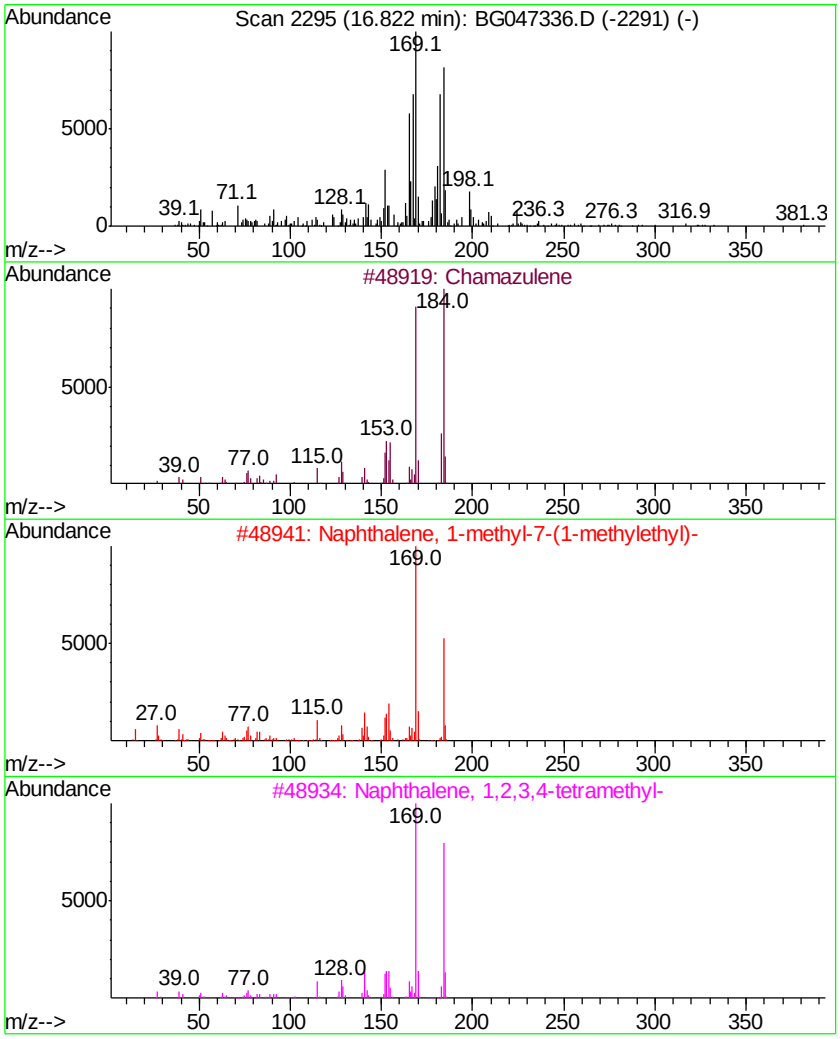
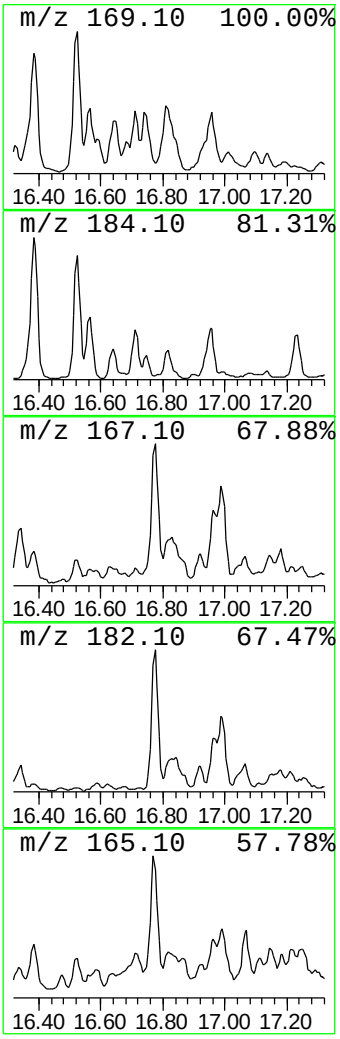
Peak Number 58 unknown-09 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	6.71 ng/ul	591999	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	49
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	46
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	43
5	Ethanone, 1-(5-chloro-2-hydroxy-...	184	C9H9ClO2	028480-70-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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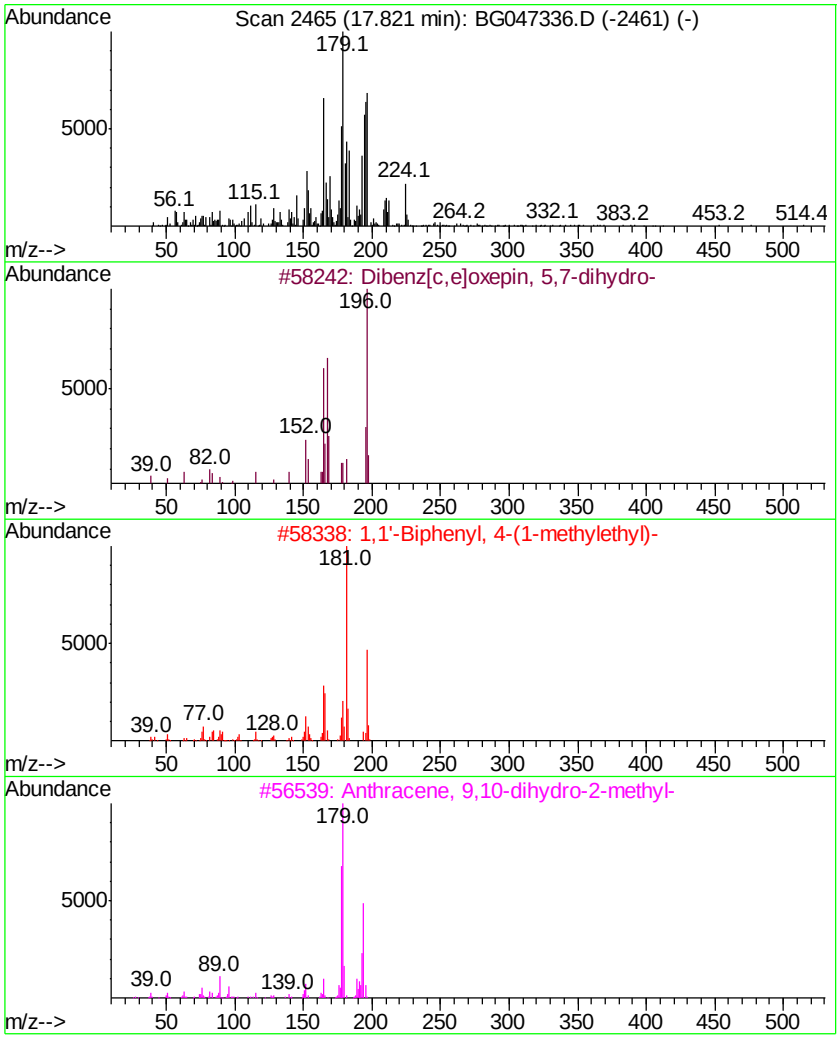
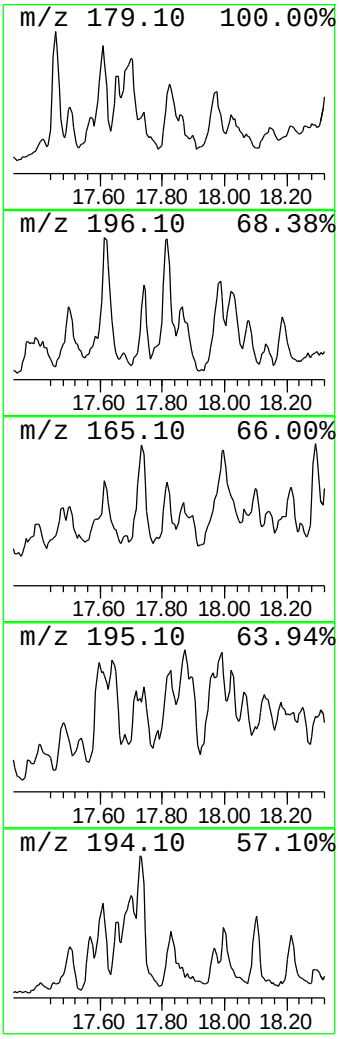
Peak Number 60 unknown-10 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	10.63 ng/ul	937691	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	38
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	38
3	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	35
4	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	30
5	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	25





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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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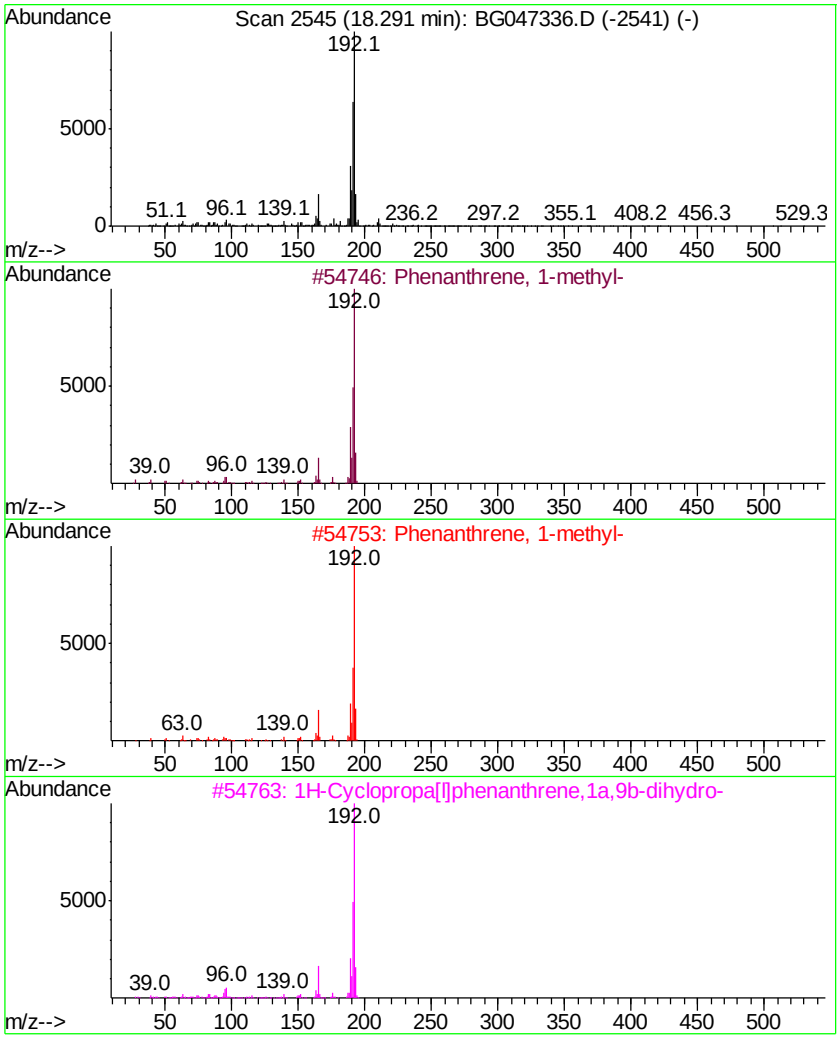
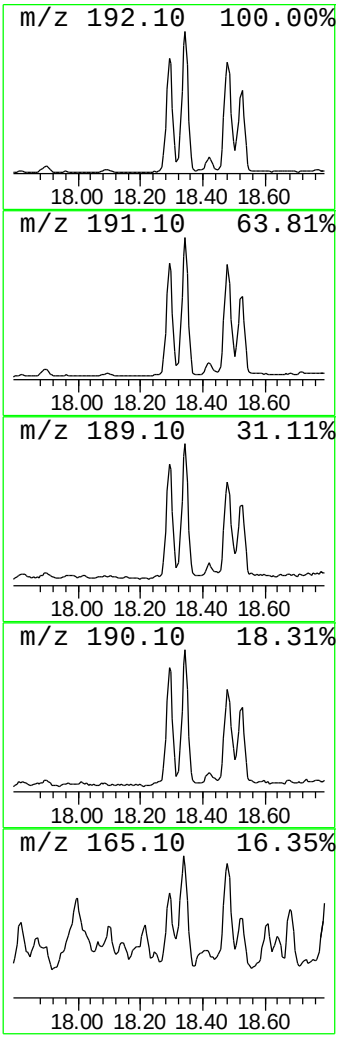
Peak Number 61 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	28.46 ng/ul	2509570	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

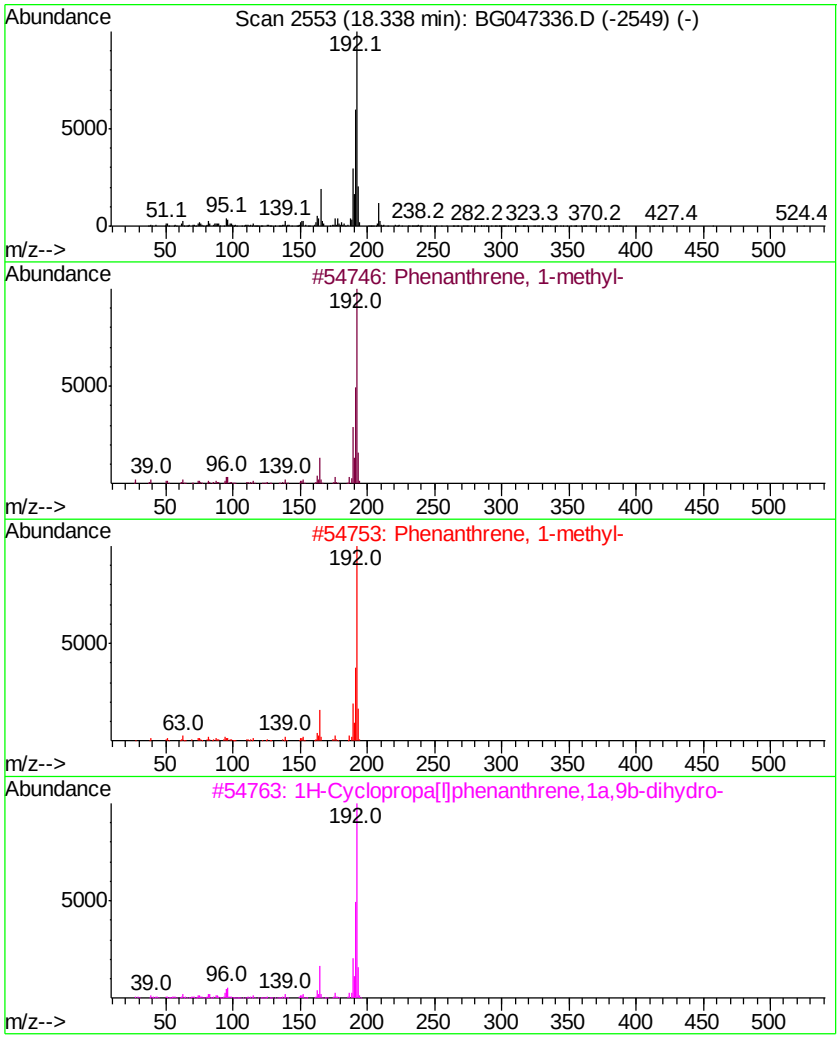
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

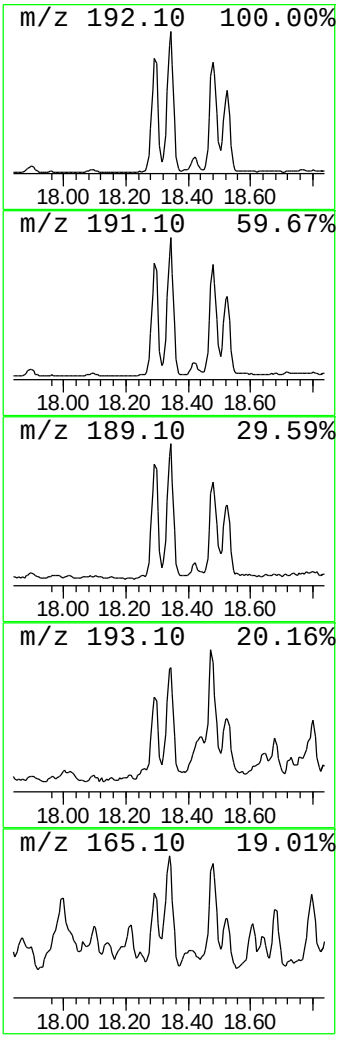
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	38.52 ng/ul	3396870	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

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Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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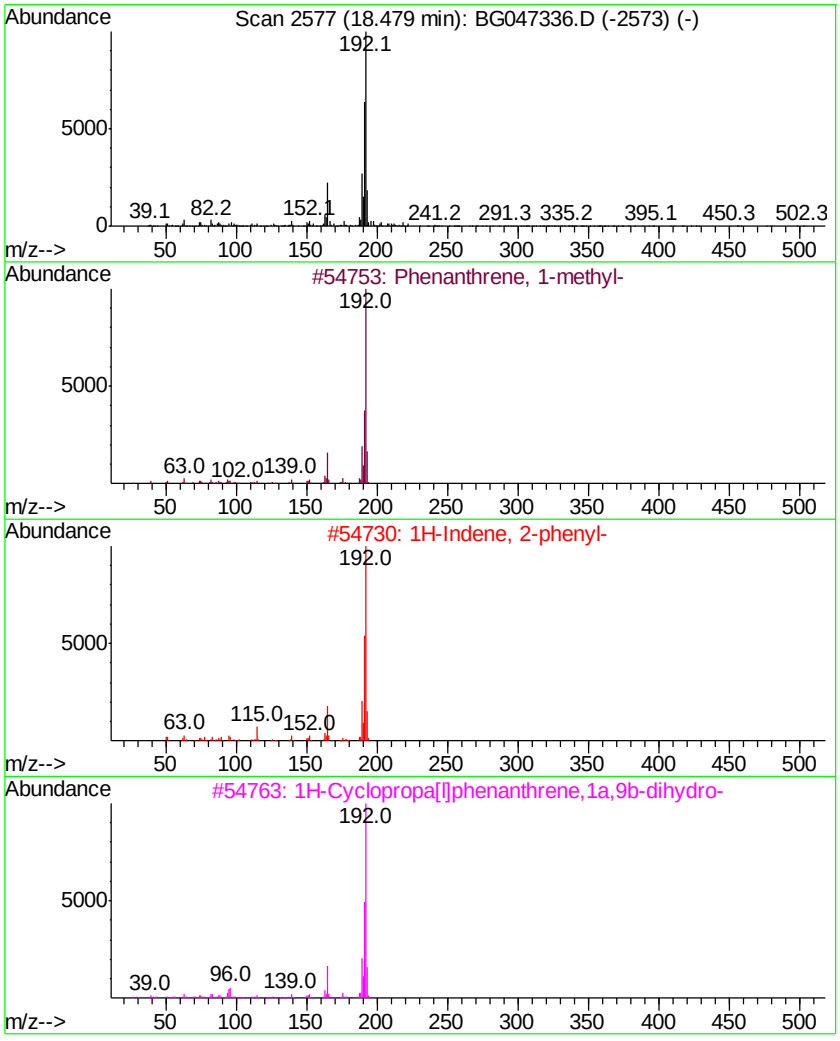
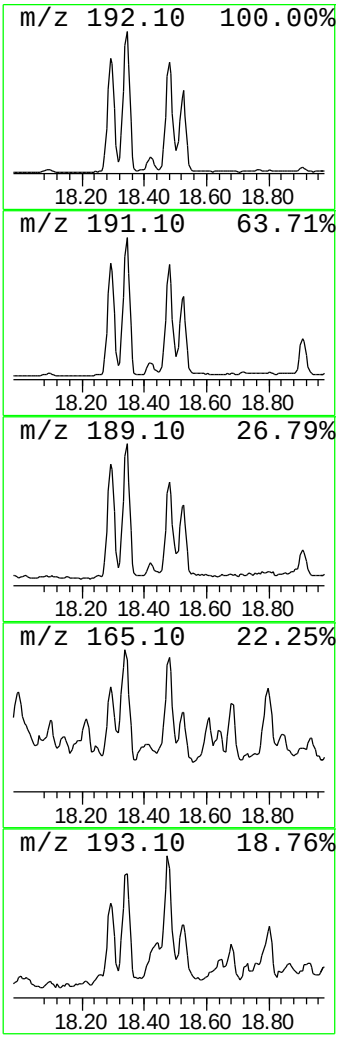
Peak Number 63 1H-Indene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	24.54 ng/ul	2163850	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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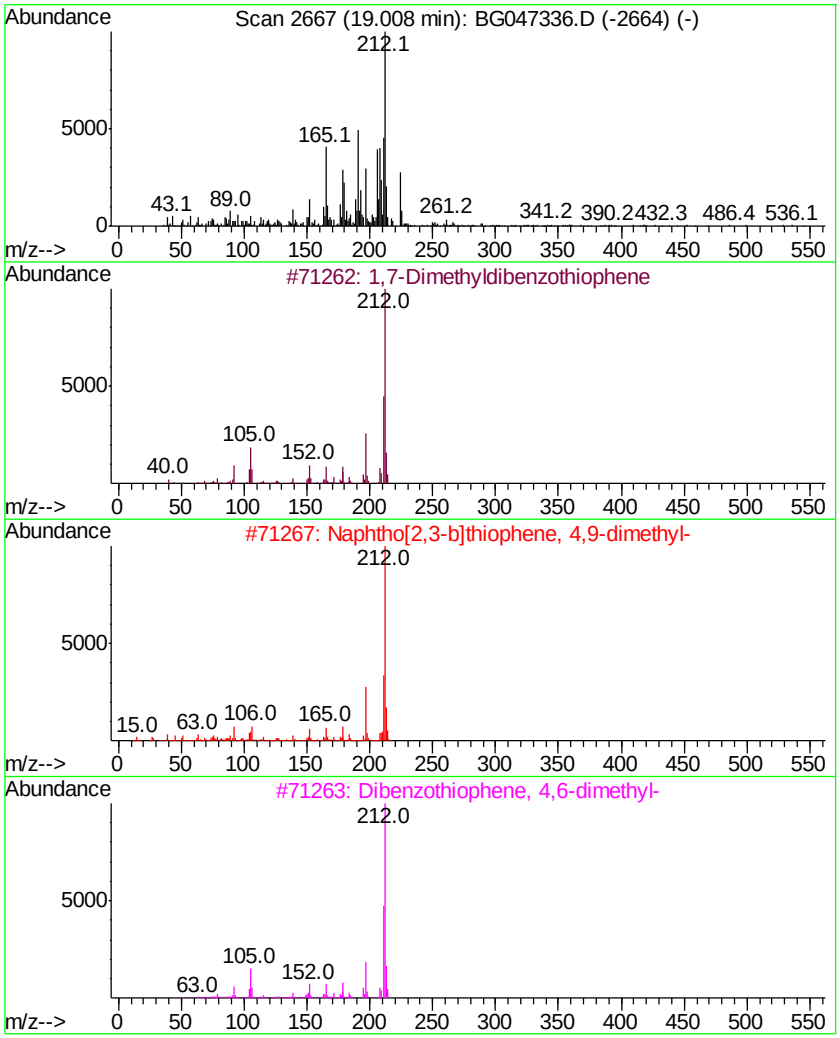
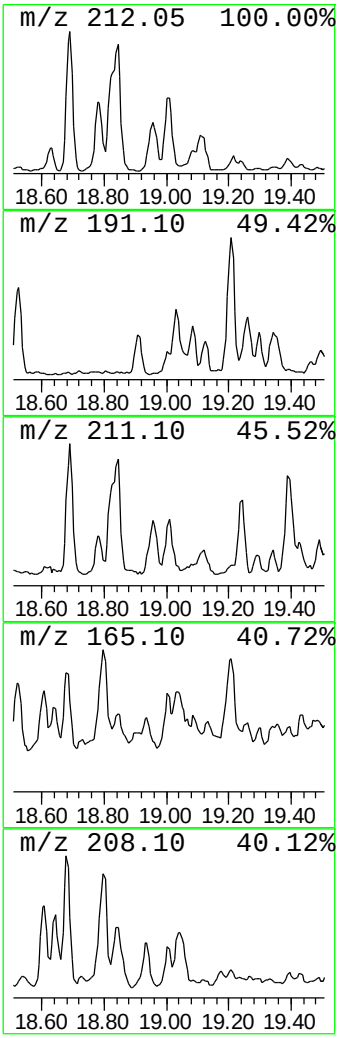
Peak Number 67 unknown-11 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	6.01 ng/ul	530355	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	46
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	41
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	38
4	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	30
5	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	30





Library Search Compound Report

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Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

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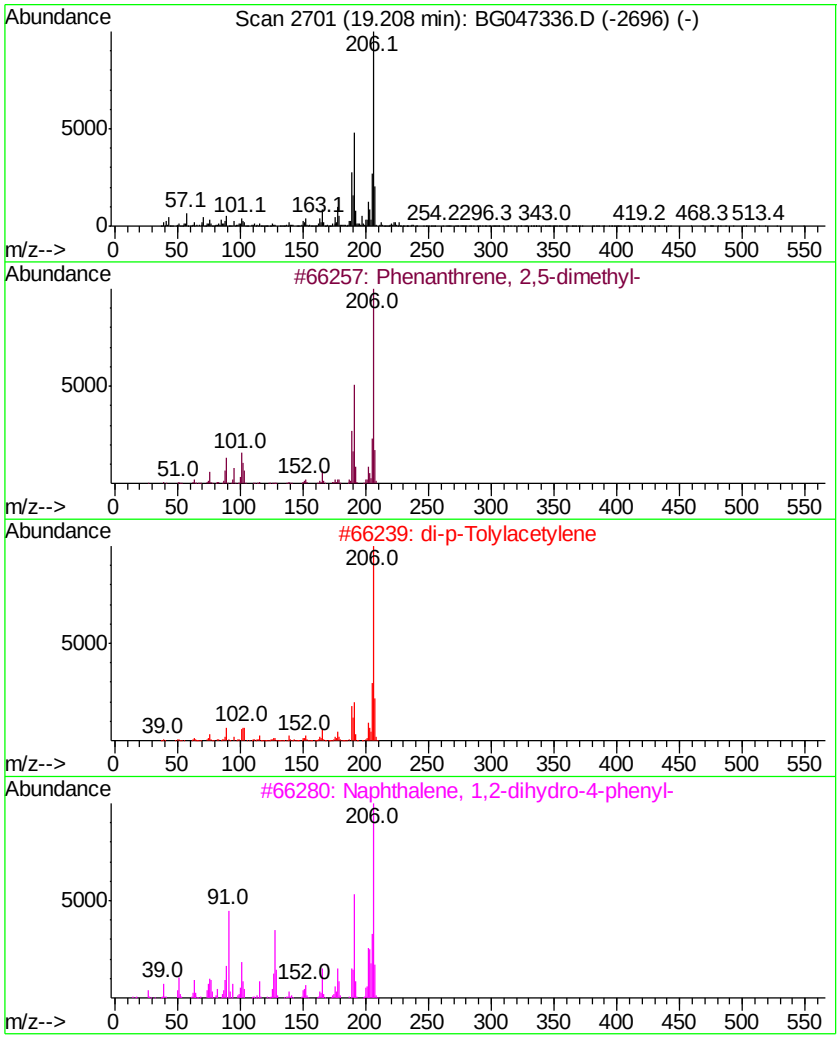
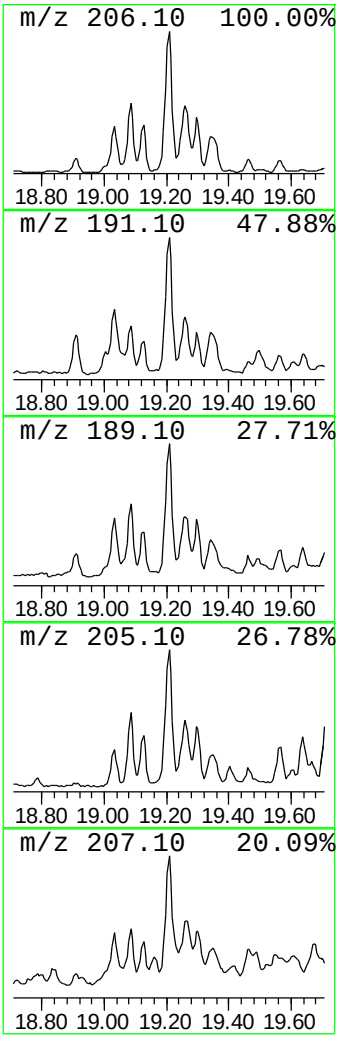
Peak Number 70 Naphthalene, 1,2-dihydro-4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	48.66 ng/ul	4291220	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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
(DEL) Alkane: Cyc...	8.57	3.6	ng/ul	73606	1	8.02	407269	20.0
unknown-01	10.18	5.9	ng/ul	94244	2	10.83	320558	20.0
unknown-02	11.19	7.0	ng/ul	112979	2	10.83	320558	20.0
unknown-03	11.24	19.6	ng/ul	314821	2	10.83	320558	20.0
(DEL) Alkane: Cyc...	11.32	28.8	ng/ul	460803	2	10.83	320558	20.0
unknown-04	11.41	7.8	ng/ul	125625	2	10.83	320558	20.0
(DEL) Alkane: Cyc...	11.50	15.7	ng/ul	251954	2	10.83	320558	20.0
1H-Indene, 2,3-di...	11.75	27.1	ng/ul	434988	2	10.83	320558	20.0
(DEL) Alkane: Cyc...	11.88	20.0	ng/ul	320492	2	10.83	320558	20.0
2,2-Dimethylinden...	11.93	26.3	ng/ul	421285	2	10.83	320558	20.0
Naphthalene, 1,2,...	12.02	21.3	ng/ul	340730	2	10.83	320558	20.0
(DEL) Alkane: Cyc...	12.11	19.1	ng/ul	306837	2	10.83	320558	20.0
1H-Indene, 2,3-di...	12.24	16.8	ng/ul	268959	2	10.83	320558	20.0
unknown-05	12.29	15.9	ng/ul	254414	2	10.83	320558	20.0
(DEL) Alkane: Cyc...	12.64	7.9	ng/ul	126476	2	10.83	320558	20.0
unknown-06	13.10	6.5	ng/ul	330036	3	14.66	1016740	20.0
1H-Indene, 2,3-di...	13.59	24.4	ng/ul	1242360	3	14.66	1016740	20.0
Naphthalene, 1,6-...	13.83	29.1	ng/ul	1481030	3	14.66	1016740	20.0
Naphthalene, 1,3-...	13.98	44.3	ng/ul	2252720	3	14.66	1016740	20.0
Naphthalene, 2,6-...	14.22	48.0	ng/ul	2439760	3	14.66	1016740	20.0
Naphthalene, 2,3,...	15.06	72.8	ng/ul	3701360	3	14.66	1016740	20.0
Naphthalene, 1,6,...	15.14	57.2	ng/ul	2907090	3	14.66	1016740	20.0
Naphthalene, 1,4,...	15.28	63.9	ng/ul	3246270	3	14.66	1016740	20.0
unknown-07	15.33	31.5	ng/ul	1603070	3	14.66	1016740	20.0
Naphthalene, 1,4,...	15.45	44.4	ng/ul	2255930	3	14.66	1016740	20.0
unknown-08	15.48	20.2	ng/ul	1024940	3	14.66	1016740	20.0
Chamazulene	15.92	29.6	ng/ul	1502310	3	14.66	1016740	20.0
Cyclopentene, 1,2...	16.38	44.1	ng/ul	3889950	4	17.42	1763590	20.0
1,4,5,8-Tetrameth...	16.71	5.1	ng/ul	452787	4	17.42	1763590	20.0
unknown-09	16.82	6.7	ng/ul	591999	4	17.42	1763590	20.0
unknown-10	17.82	10.6	ng/ul	937691	4	17.42	1763590	20.0
Phenanthrene, 1-m...	18.29	28.5	ng/ul	2509570	4	17.42	1763590	20.0
1H-Cyclopropa[l]p...	18.34	38.5	ng/ul	3396870	4	17.42	1763590	20.0
1H-Indene, 2-phenyl-	18.48	24.5	ng/ul	2163850	4	17.42	1763590	20.0
unknown-11	19.01	6.0	ng/ul	530355	4	17.42	1763590	20.0
Naphthalene, 1,2-...	19.21	48.7	ng/ul	4291220	4	17.42	1763590	20.0