LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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	7.186	644	655	669	rVV	282612	574102	7.81%	0.399%
2	7.339	675	681	688	rBV	190053	310832	4.23%	0.216%
3	7.550	704	717	723	rBV	291231	528195	7.18%	0.367%
4	8.021	790	797	804	rVB	204369	364796	4.96%	0.253%
5	8.579	884	892	899	rVB4	78377	152300	2.07%	0.106%
6	8.731	911	918	924	rBV	346001	608931	8.28%	0.423%
7	9.119	973	984	989	rBV3	134633	346037	4.71%	0.240%
8	9.184	989	995	1000	rBV	250800	443863	6.04%	0.308%
9	9.378	1019	1028	1036	rBV9	93096	263963	3.59%	0.183%
10	9.460	1036	1042	1048	rBV9	67021	186677	2.54%	0.130%
11	9.713	1078	1085	1088	rBV3	103554	208583	2.84%	0.145%
12	9.748	1088	1091	1099	rVB3	164867	266822	3.63%	0.185%
13	9.907	1114	1118	1124	rVB	227236	398171	5.42%	0.277%
14	10.006	1129	1135	1145	rBV5	340336	747311	10.16%	0.519%
15	10.230	1165	1173	1177	rBV4	115266	288870	3.93%	0.201%
16	10.453	1206	1211	1218	rVB	376932	712989	9.70%	0.495%
17	10.529	1219	1224	1225	rBV2	118457	167842	2.28%	0.117%
18	10.706	1250	1254	1259	rVB4	113032	192941	2.62%	0.134%
19	10.800	1264	1270	1273	rBV6	240094	516821	7.03%	0.359%
20	10.835	1273	1276	1281	rVV2	151761	292544	3.98%	0.203%
21	10.958	1292	1297	1303	rVB6	190103	417998	5.68%	0.290%
22	11.041	1304	1311	1315	rBV4	191315	423798	5.76%	0.294%
23	11.129	1322	1326	1331	rBV3	131054	228631	3.11%	0.159%
24	11.193	1335	1337	1341	rVV2	130020	187669	2.55%	0.130%
25	11.246	1341	1346	1352	rVV5	220243	569855	7.75%	0.396%
26	11.323	1353	1359	1364	rVB2	551906	983899	13.38%	0.684%
27	11.405	1370	1373	1377	rBV2	141431	245097	3.33%	0.170%
28	11.446	1377	1380	1384	rVV4	132440	217192	2.95%	0.151%
29	11.516	1385	1392	1402	rVV9	214764	823673	11.20%	0.572%
30	11.610	1403	1408	1412	rVV5	239019	430784	5.86%	0.299%
31	11.746	1426	1431	1437	rBV3	333831	650788	8.85%	0.452%
32	11.881	1447	1454	1459	rBV4	486513	1093014	14.87%	0.759%
33	11.934	1459	1463	1469	rVB3	439501	852475	11.59%	0.592%
34	12.022	1474	1478	1484	rVB3	534791	884174	12.02%	0.614%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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	12.116	1490	1494	1498	rVB2	505404	735995	10.01%	0.511%
36	12.157	1498	1501	1505	rVB	367248	484811	6.59%	0.337%
37	12.239	1506	1515	1519	rBV3	443979	1143698	15.55%	0.795%
38	12.292	1519	1524	1526	rBV5	319114	557081	7.58%	0.387%
39	12.451	1548	1551	1555	rVB2	261503	348044	4.73%	0.242%
40	12.580	1565	1573	1577	rBV4	379056	1032172	14.04%	0.717%
41	12.650	1582	1585	1588	rVV5	224331	347936	4.73%	0.242%
42	12.686	1588	1591	1597	rVV5	286911	672029	9.14%	0.467%
43	12.744	1597	1601	1605	rVB3	460450	751025	10.21%	0.522%
44	12.874	1620	1623	1626	rVB3	279223	328205	4.46%	0.228%
45	13.015	1641	1647	1650	rBV3	311417	664710	9.04%	0.462%
46	13.326	1697	1700	1704	rVB4	483683	657370	8.94%	0.457%
47	13.444	1717	1720	1722	rBV3	258135	357228	4.86%	0.248%
48	13.473	1722	1725	1732	rVB2	775567	1079981	14.69%	0.750%
49	13.543	1733	1737	1739	rBV3	428355	661753	9.00%	0.460%
50	13.602	1743	1747	1752	rVV2	1061361	2027349	27.57%	1.409%
51	13.655	1753	1756	1760	rVB3	290130	378239	5.14%	0.263%
52	13.720	1764	1767	1770	rVB3	300868	361868	4.92%	0.251%
53	13.825	1781	1785	1787	rBV	1089598	1632017	22.20%	1.134%
54	13.996	1808	1814	1818	rVB2	2320806	4150451	56.45%	2.884%
55	14.049	1818	1823	1827	rBV3	1706883	2905596	39.52%	2.019%
56	14.178	1842	1845	1849	rBV3	483564	799543	10.87%	0.556%
57	14.225	1849	1853	1864	rVB4	1408201	3636517	49.46%	2.527%
58	14.360	1872	1876	1879	rBV	701398	1094901	14.89%	0.761%
59	14.395	1879	1882	1884	rBV2	407526	535294	7.28%	0.372%
60	14.495	1895	1899	1905	rVB4	729272	1164348	15.84%	0.809%
61	14.789	1946	1949	1958	rVB2	840753	1575243	21.42%	1.094%
62	14.889	1959	1966	1972	rBV2	1332040	3219552	43.79%	2.237%
63	14.959	1974	1978	1986	rVV3	839751	1618230	22.01%	1.124%
64	15.071	1990	1997	2002	rVV	3323113	6359455	86.49%	4.419%
65	15.147	2006	2010	2018	rVB	3258765	4723107	64.24%	3.282%
66	15.288	2028	2034	2039	rBV	3130545	5582868	75.93%	3.879%
67	15.341	2039	2043	2047	rVB	2021756	2925088	39.78%	2.032%
68	15.459	2056	2063	2066	rBV	2019967	3939639	53.58%	2.737%
69	15.494	2066	2069	2073	rVB2	1561397	2133912	29.02%	1.483%
70	15.665	2095	2098	2102	rBV2	509744	988423	13.44%	0.687%
71	15.706	2103	2105	2109	rVB	992412	1124247	15.29%	0.781%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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	15.759	2110	2114	2118	rBV2	681936	1157372	15.74%	0.804%
73	15.882	2132	2135	2139	rBV3	772988	944022	12.84%	0.656%
74	15.923	2139	2142	2149	rVB2	1592577	2597489	35.33%	1.805%
75	15.988	2150	2153	2157	rBV	661934	1283643	17.46%	0.892%
76	16.129	2174	2177	2180	rVB2	765563	871128	11.85%	0.605%
77	16.164	2180	2183	2189	rBV2	1049544	1816875	24.71%	1.262%
78	16.229	2190	2194	2197	rBV	980821	1410906	19.19%	0.980%
79	16.393	2215	2222	2234	rVB3	3423357	7352838	100.00%	5.109%
80	16.528	2240	2245	2249	rBV2	1923520	3217826	43.76%	2.236%
81	16.569	2249	2252	2260	rVB3	1044556	2178613	29.63%	1.514%
82	16.646	2261	2265	2266	rBV2	671280	959431	13.05%	0.667%
83	16.722	2275	2278	2280	rBV2	538039	698941	9.51%	0.486%
84	16.822	2292	2295	2298	rBV2	614206	867092	11.79%	0.602%
85	17.075	2335	2338	2343	rBV3	875399	1412775	19.21%	0.982%
86	17.468	2400	2405	2409	rBV	1859206	2997650	40.77%	2.083%
87	17.515	2410	2413	2418	rVB2	1119862	1575633	21.43%	1.095%
88	17.821	2462	2465	2469	rBV4	836201	1214982	16.52%	0.844%
89	17.897	2475	2478	2483	rVB3	1584060	2246190	30.55%	1.561%
90	18.303	2543	2547	2550	rBV	2036906	3074206	41.81%	2.136%
91	18.350	2551	2555	2560	rVB3	3056948	4834996	65.76%	3.359%
92	18.491	2575	2579	2582	rVB	1726497	2286158	31.09%	1.588%
93	18.532	2583	2586	2591	rVB	1568942	1935423	26.32%	1.345%
94	18.585	2593	2595	2598	rBV	643048	807494	10.98%	0.561%
95	18.690	2609	2613	2618	rBV2	1243341	1895373	25.78%	1.317%
96	19.090	2678	2681	2685	rBV	1238304	1602907	21.80%	1.114%
97	19.213	2697	2702	2707	rBV	4209253	6678541	90.83%	4.640%
98	19.301	2715	2717	2721	rVB2	1128451	1338942	18.21%	0.930%
99	19.842	2806	2809	2816	rVB2	2032862	3431380	46.67%	2.384%
100	19.912	2817	2821	2826	rVB	1977975	2958028	40.23%	2.055%

Sum of corrected areas: 143926416

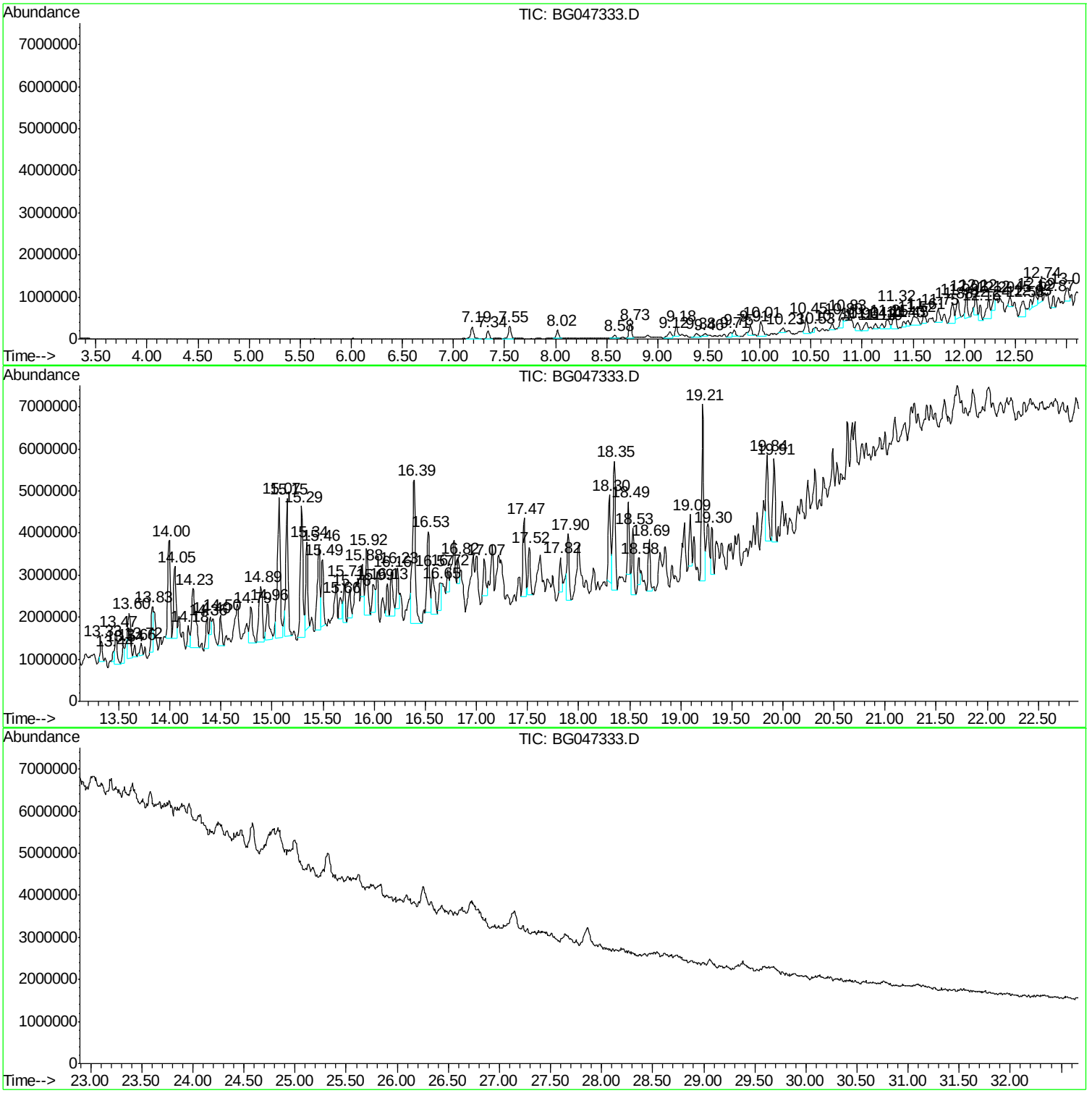
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

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 : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

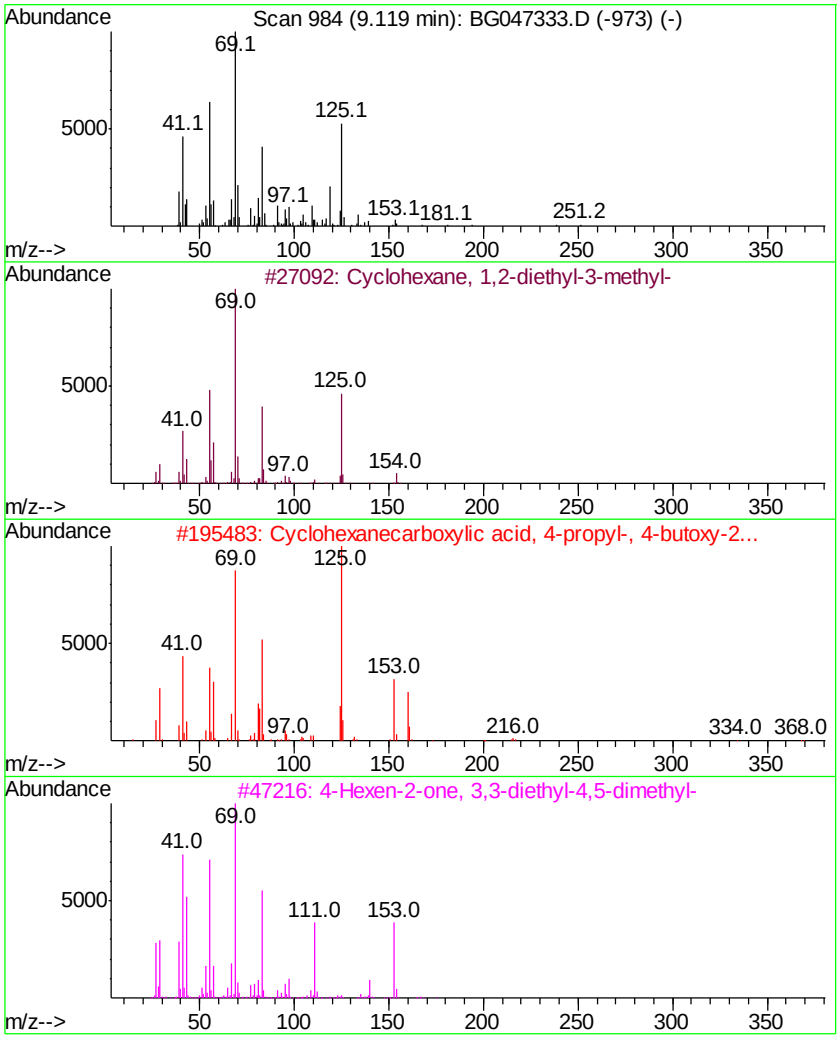
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

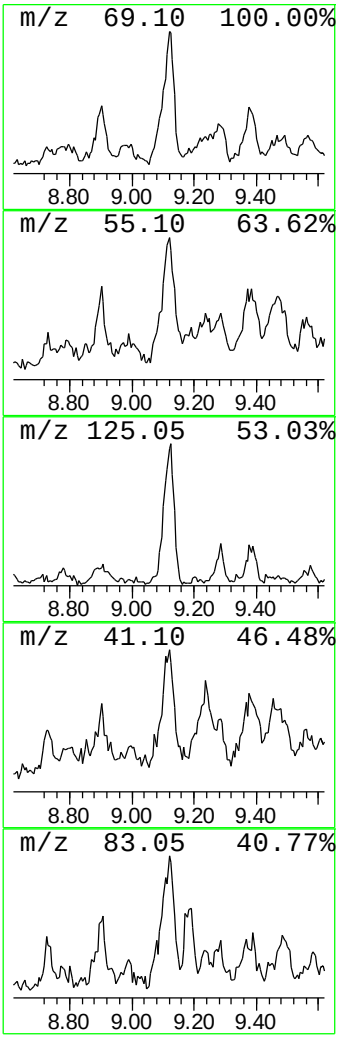
****

Peak Number 2 (DEL) Alkane: Cyclic9.12 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	18.97 ng/ul	346037	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	59
2	Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3	075941-67-2	53
3	4-Hexen-2-one, 3,3-diethyl-4,5-d...	182	C12H22O	1000149-30-4	43
4	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	42
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

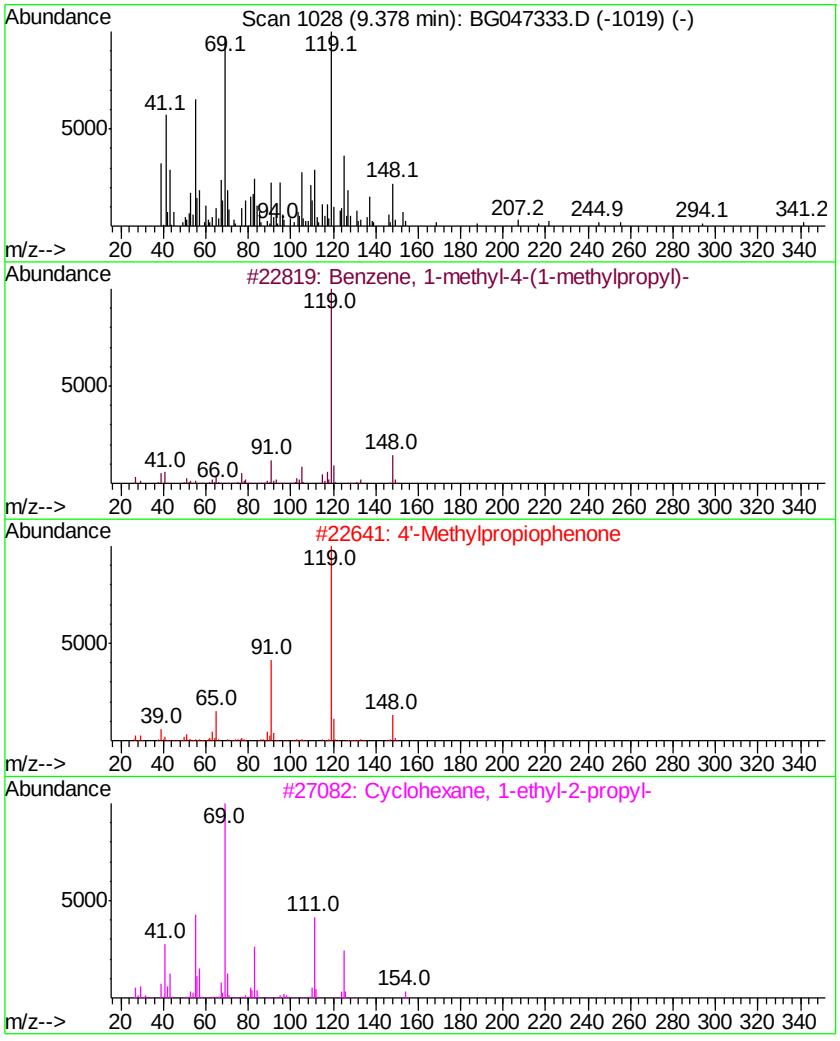
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

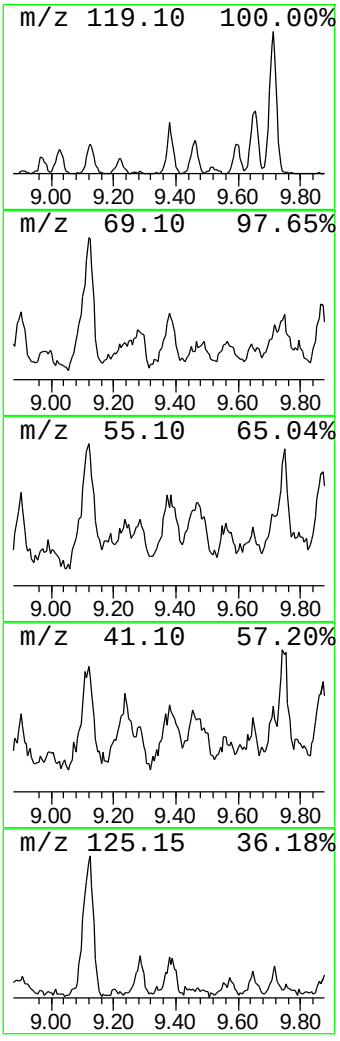
****

Peak Number 3 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	14.47 ng/ul	263963	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	30
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	25
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	22
5	2,6-Octadien-1-ol, 3,7-dimethyl-	154	C10H18O	000624-15-7	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

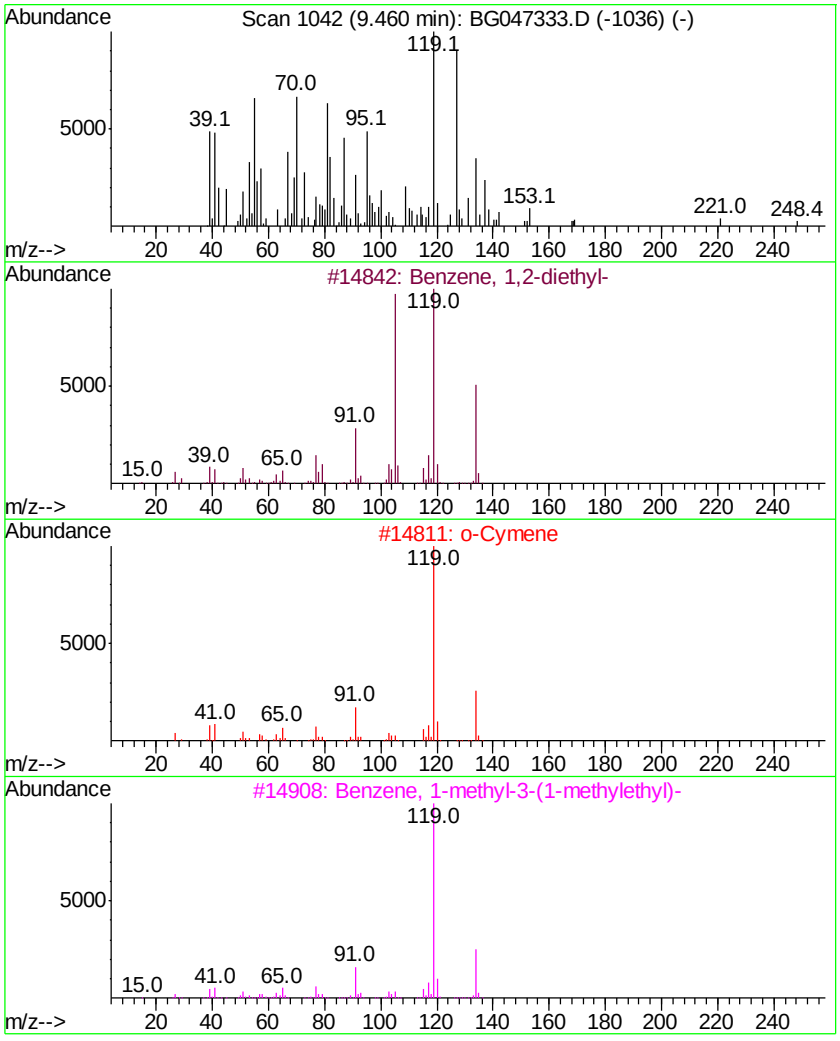
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

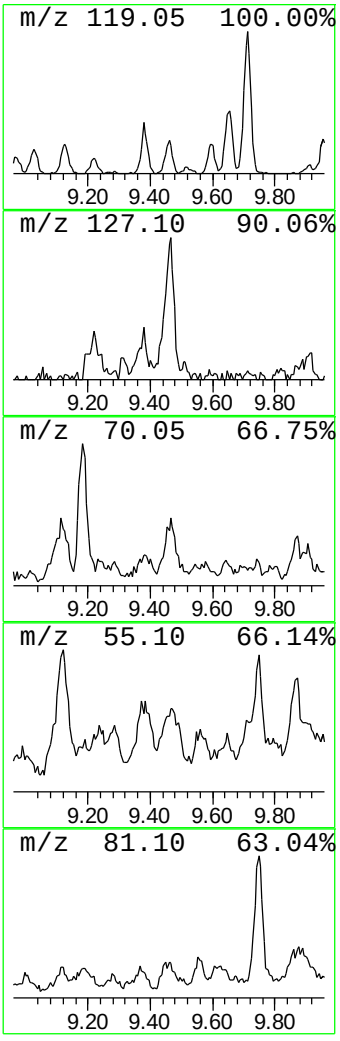
****

Peak Number 4 unknown-02 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	12.76 ng/ul	186677	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	25
2	o-Cymene	134	C10H14	000527-84-4	25
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	25
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

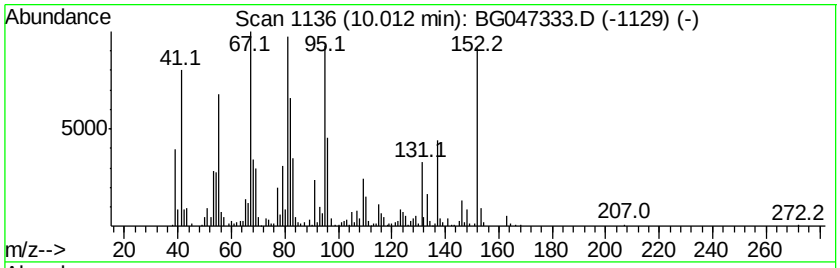
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

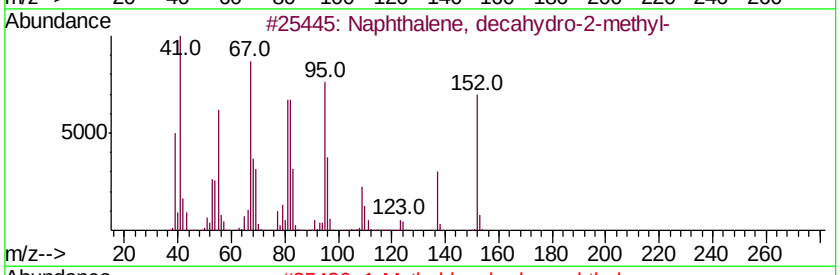
****

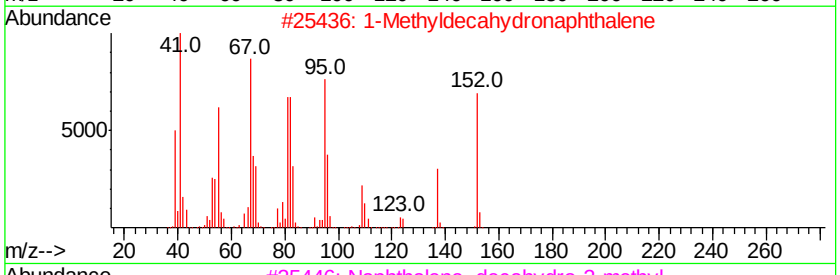
Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 12

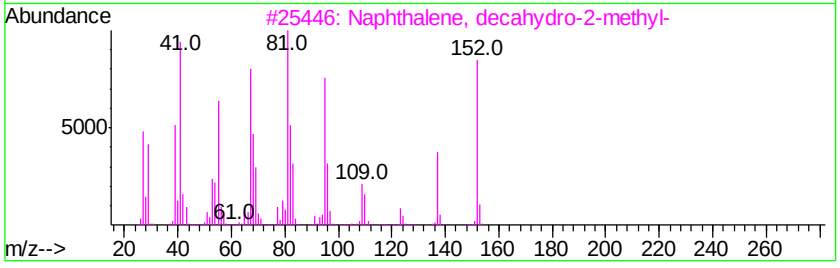
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	51.09 ng/ul	747311	Naphthalene-d8	10.83

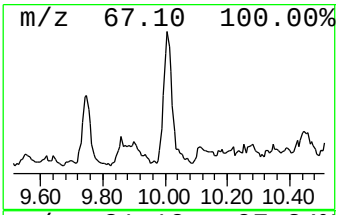
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74

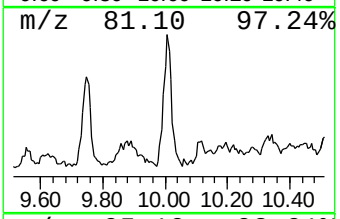


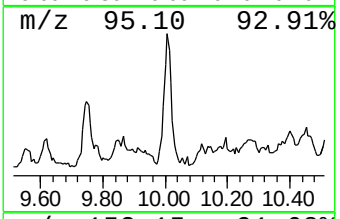


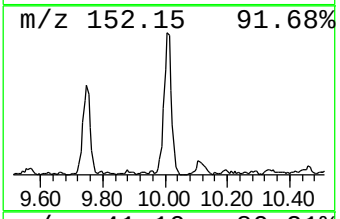


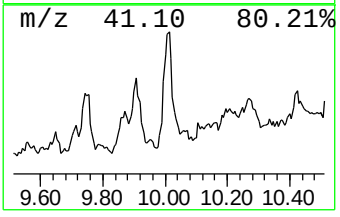












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

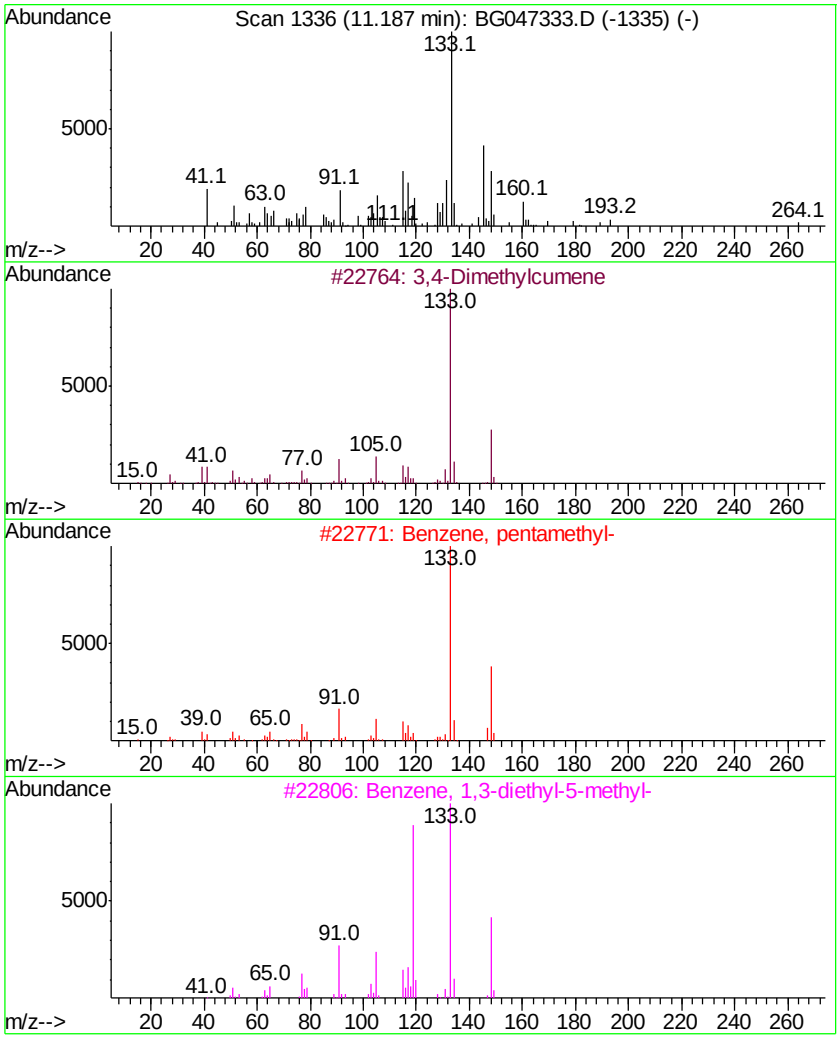
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

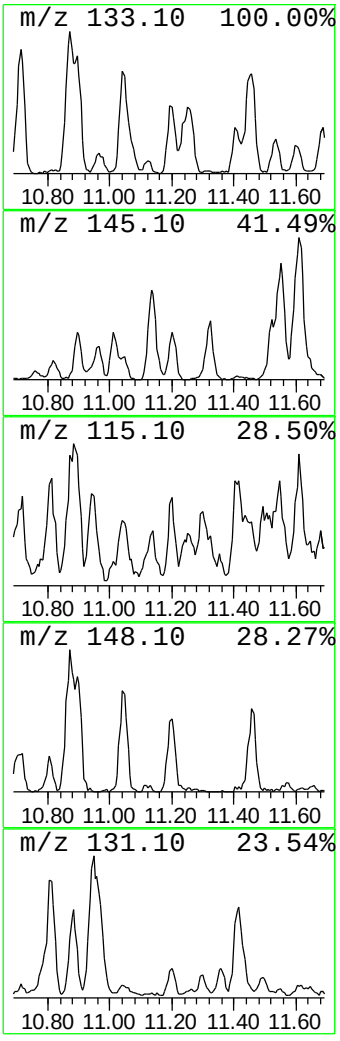
****

Peak Number 13 unknown-03 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	12.83 ng/ul	187669	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	43
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	43
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	38
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	38





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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

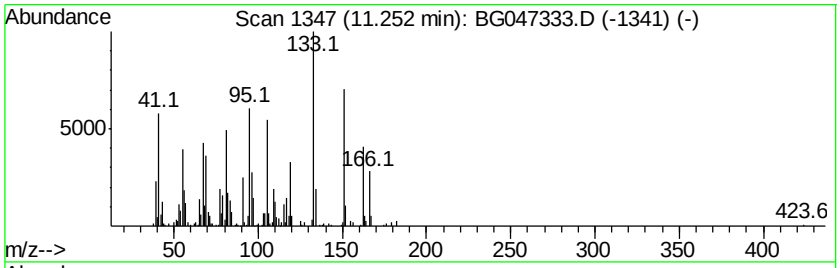
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

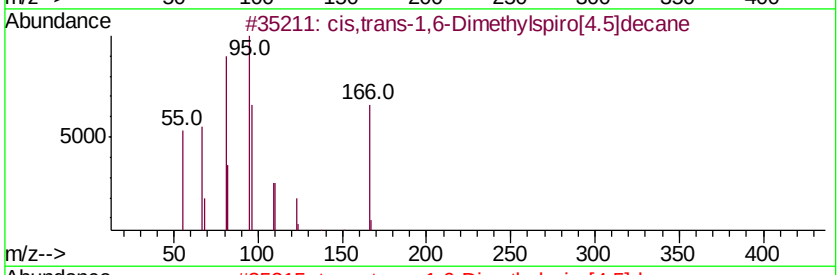
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

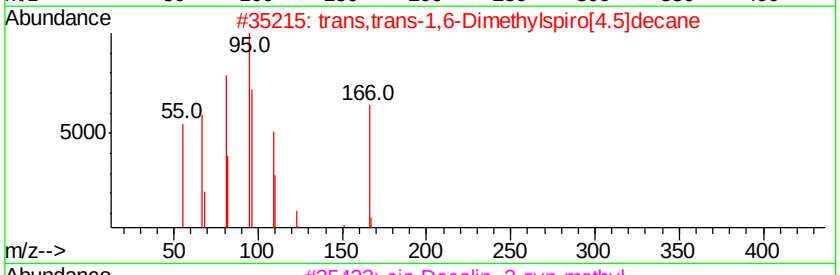
****
Peak Number 14 cis,trans-1,6-Dimethylspiro... Concentration Rank 20

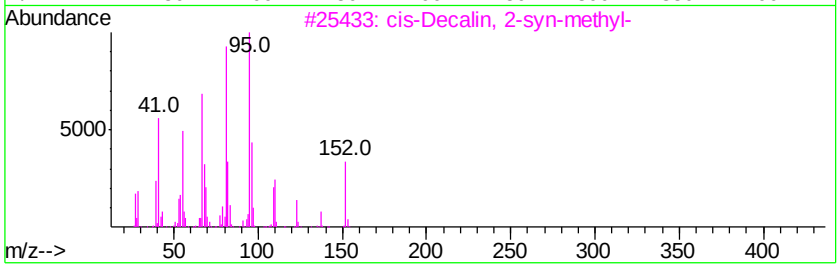
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	38.96 ng/ul	569855	Naphthalene-d8	10.83

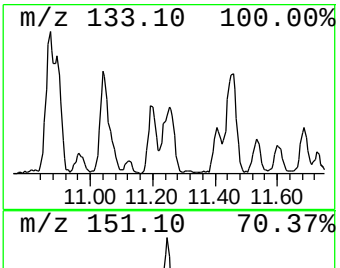
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	87
2	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	46
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	46
4	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	43
5	Spiro[5.6]dodecane	166	C12H22	000181-15-7	42

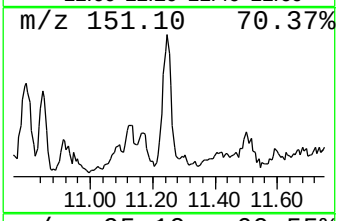


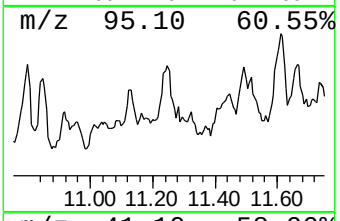


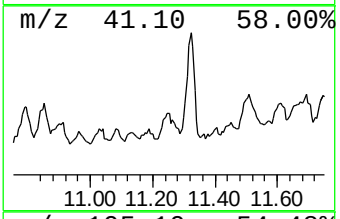


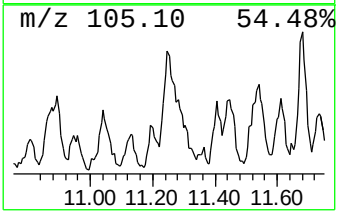












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

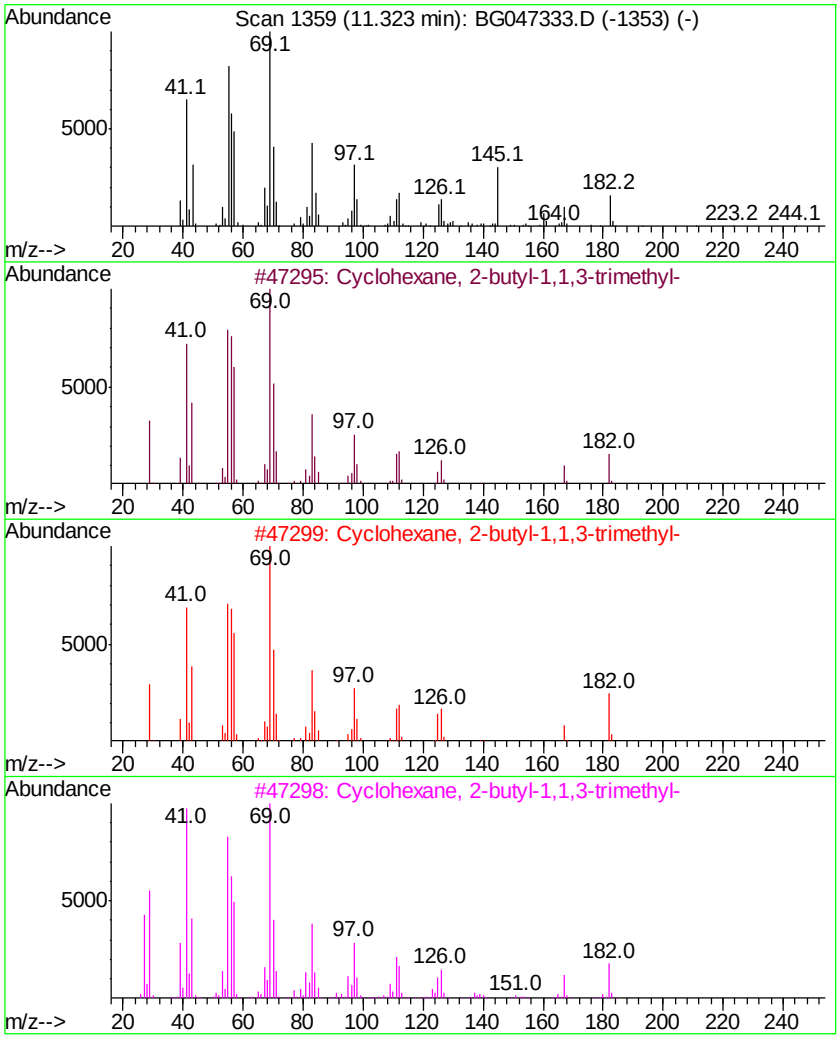
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

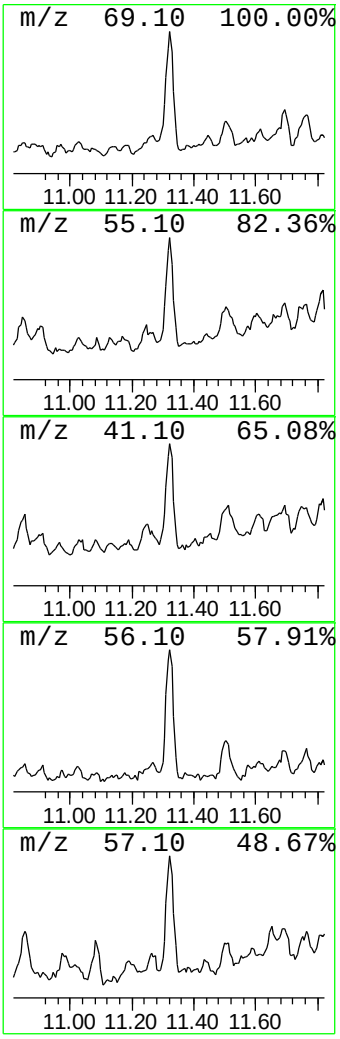
****

Peak Number 15 (DEL) Alkane: Cyclic11.32 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	67.27 ng/ul	983899	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	96
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	96
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	89
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

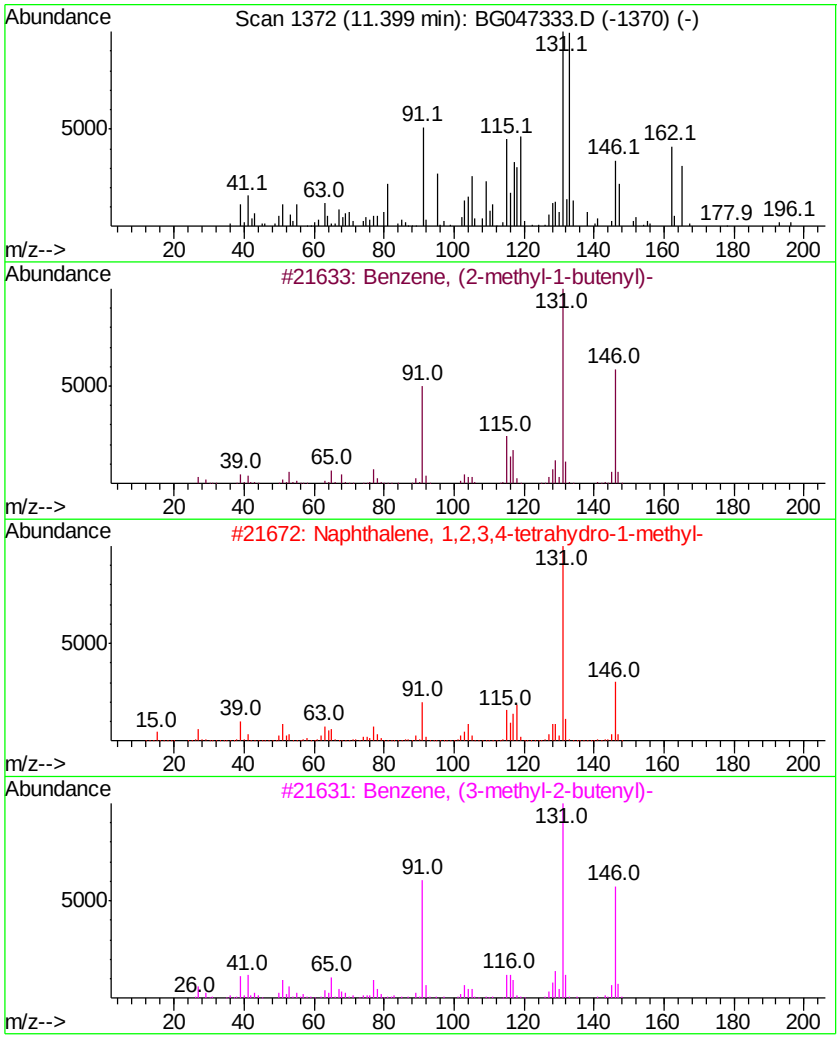
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

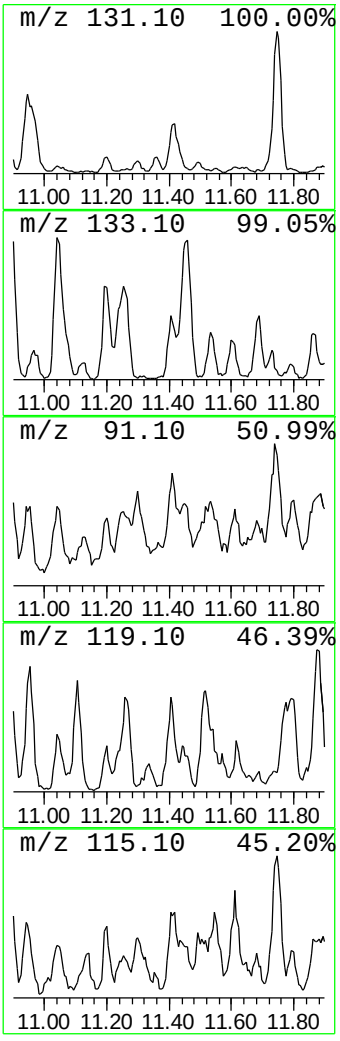
****

Peak Number 16 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	16.76 ng/ul	245097	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	18
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

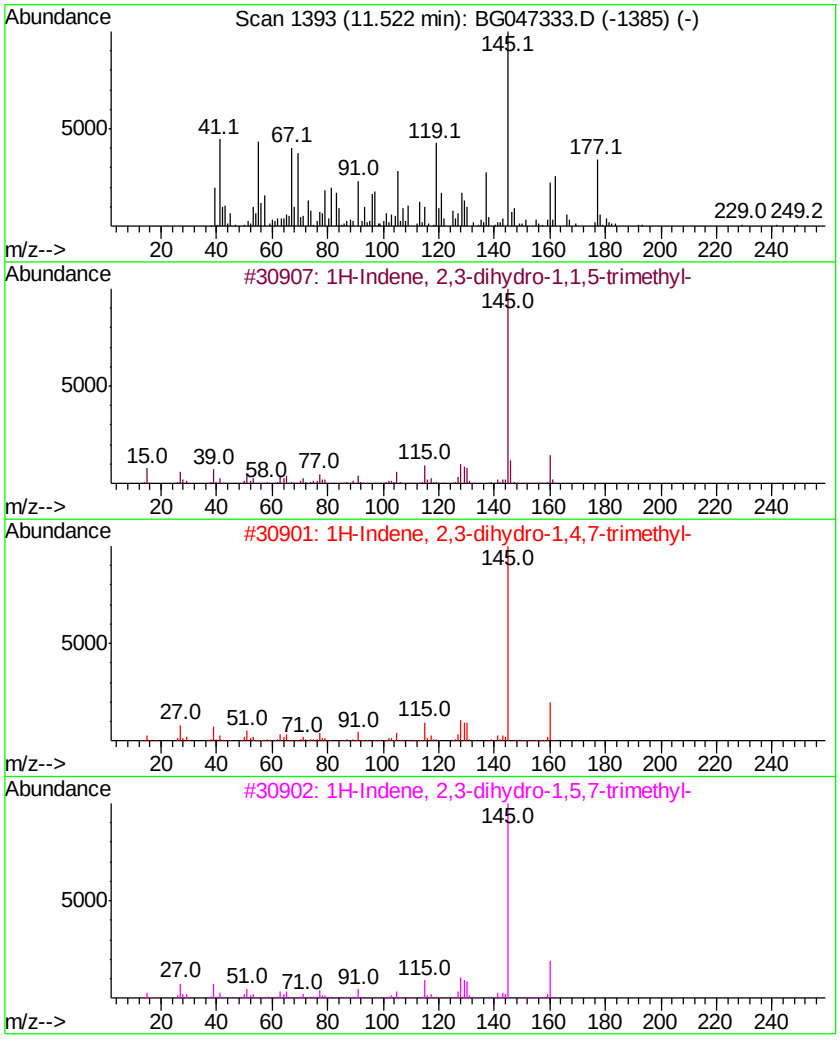
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

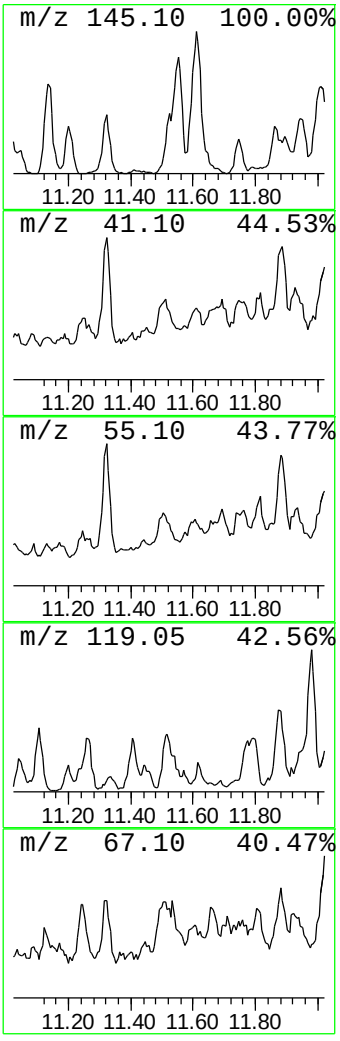
****

Peak Number 18 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	56.31 ng/ul	823673	Naphthalene-d8	10.83

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	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	42
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	42
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42
5	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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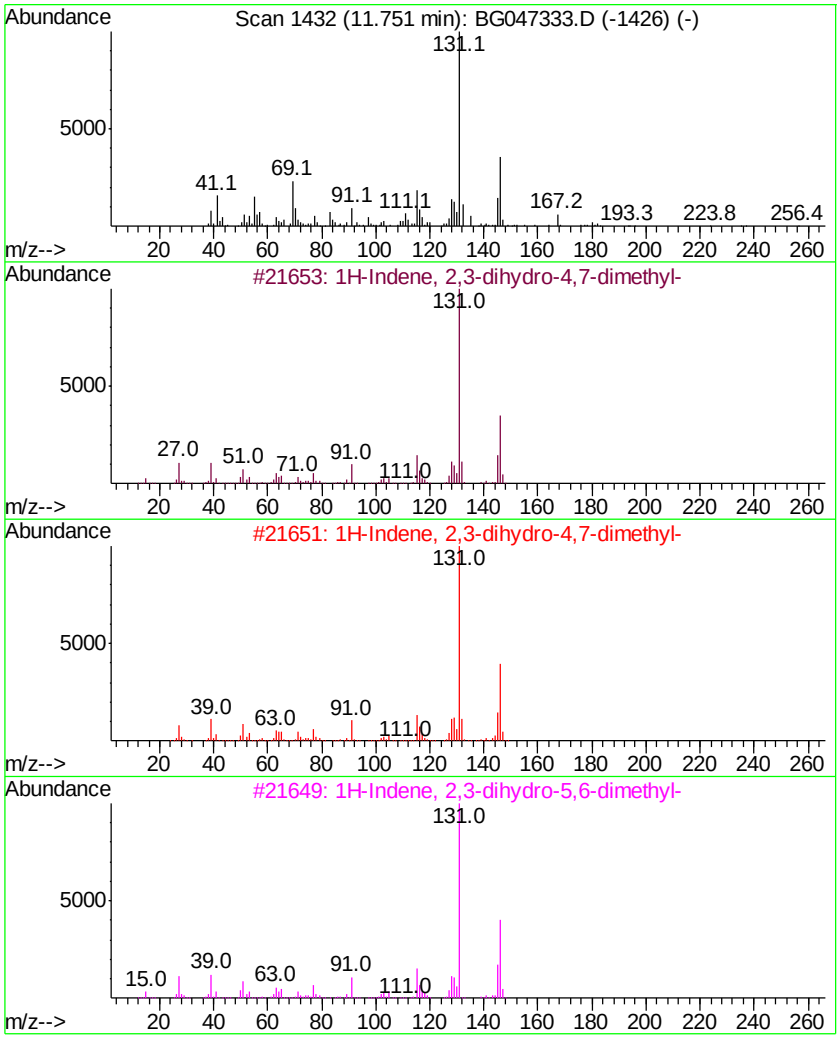
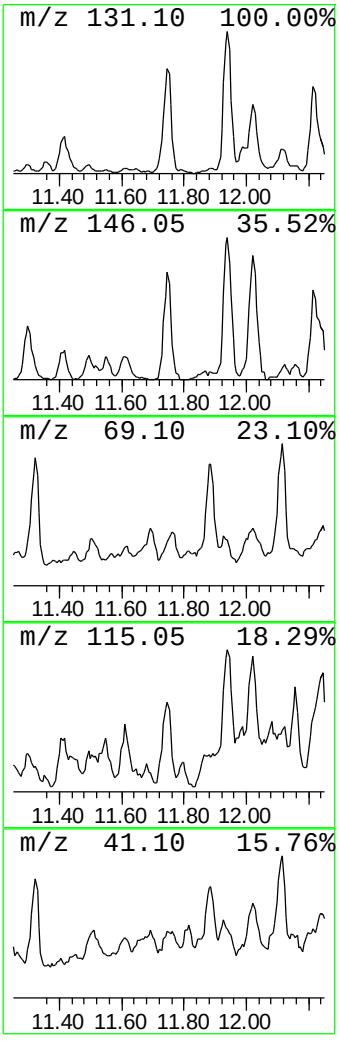
Peak Number 20 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	44.49 ng/ul	650788	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	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

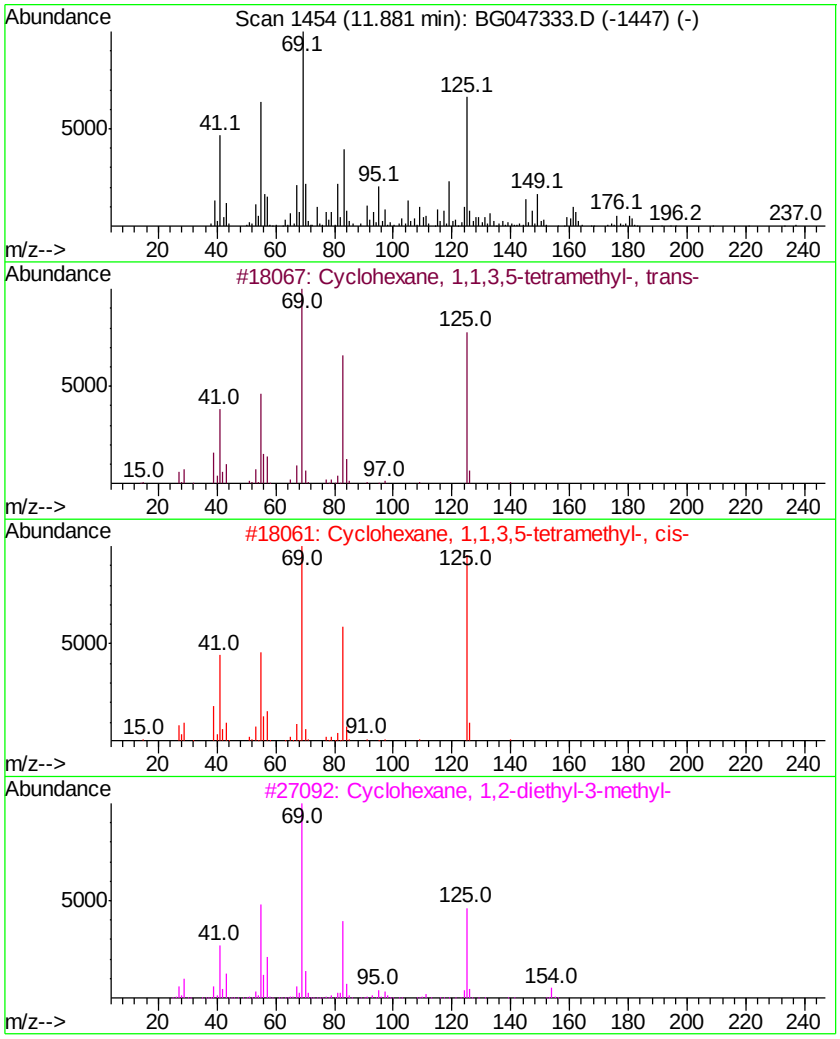
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

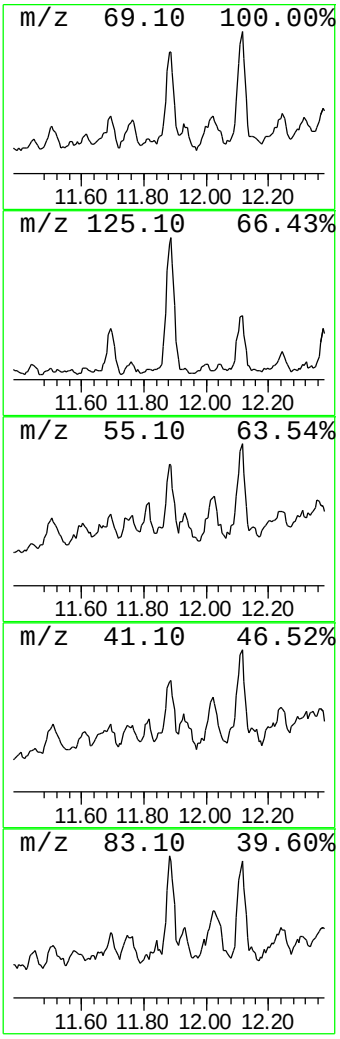
****

Peak Number 21 (DEL) Alkane: Cyclic11.88 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	74.72 ng/ul	1093010	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	60
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	60
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43





Library Search Compound Report

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Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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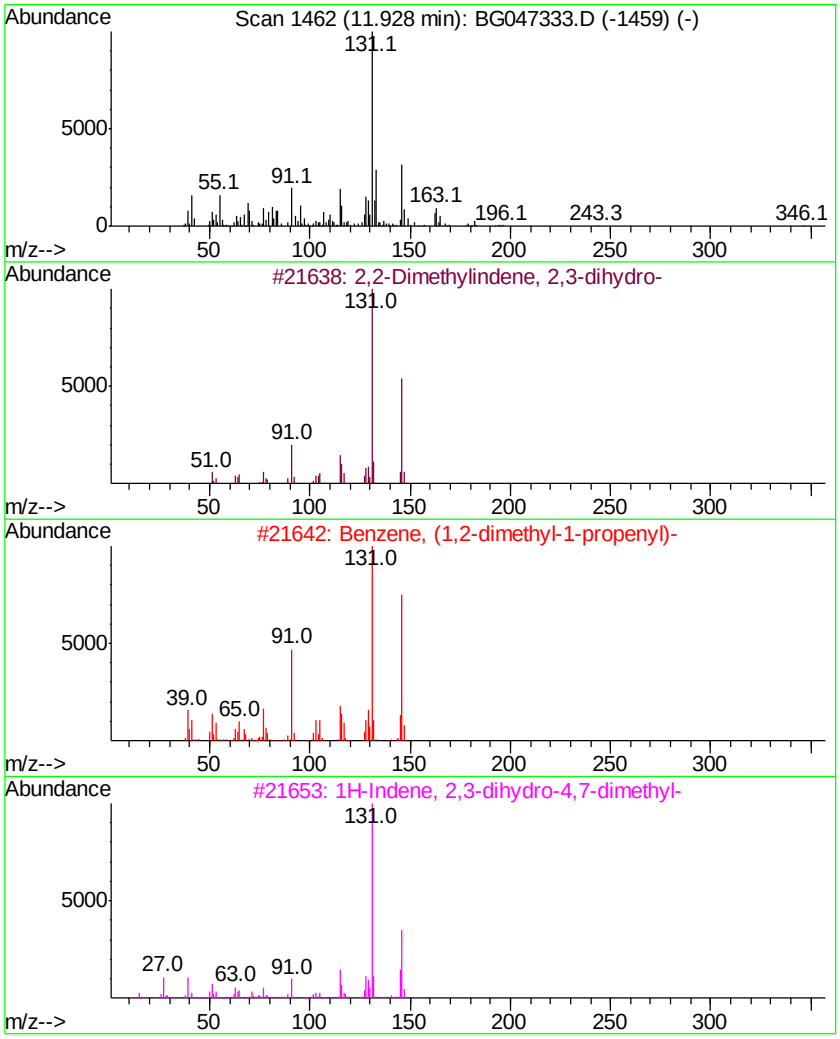
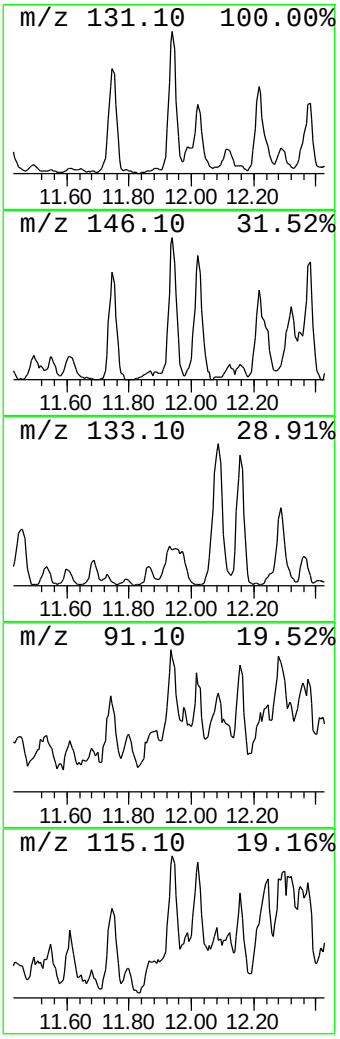
Peak Number 22 2,2-Dimethylindene, 2,3-dih... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	58.28 ng/ul	852475	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	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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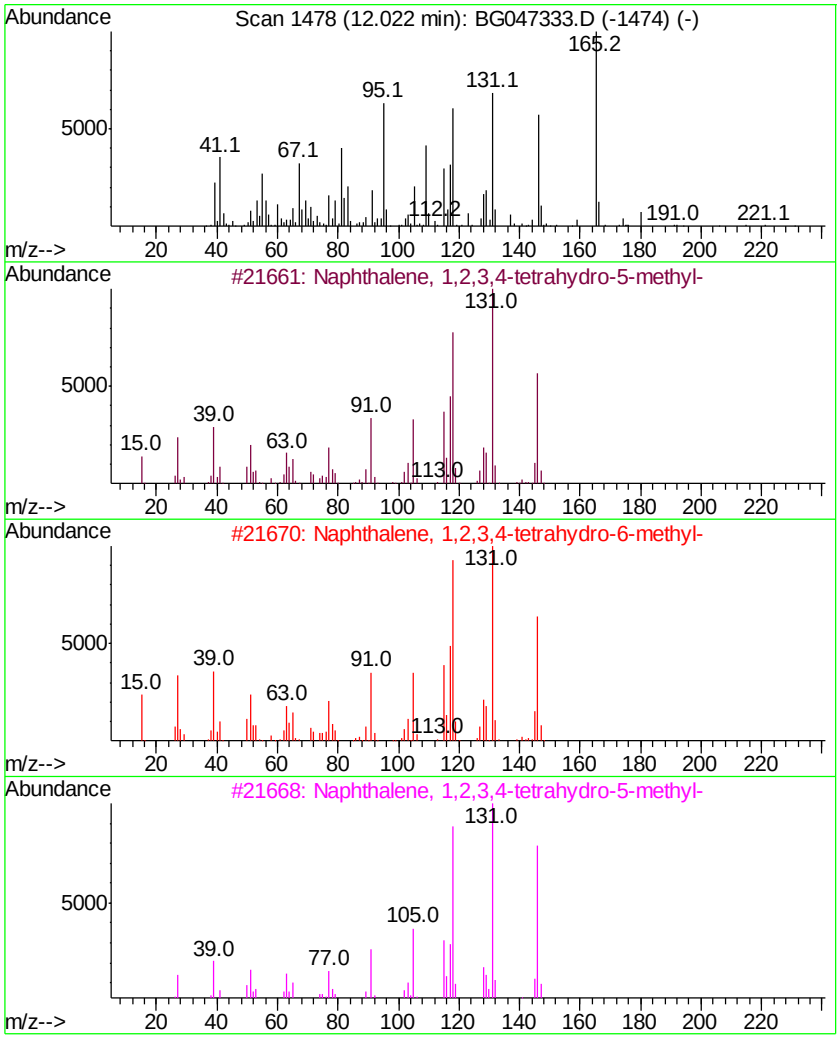
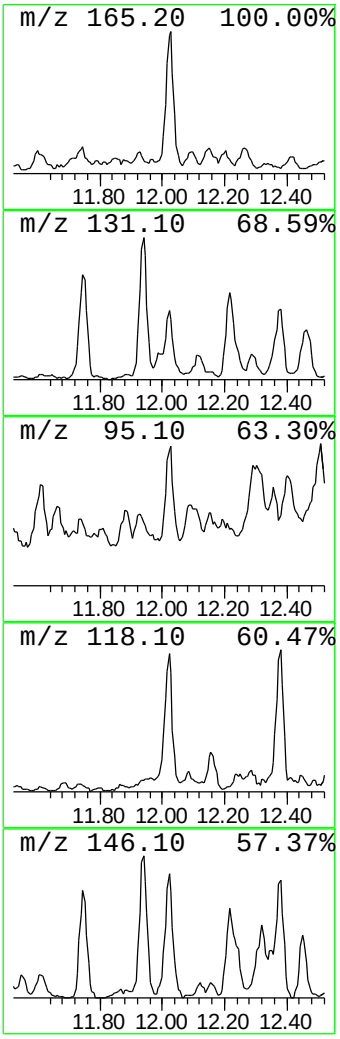
Peak Number 23 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	60.45 ng/ul	884174	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	42
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	42
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	42





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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

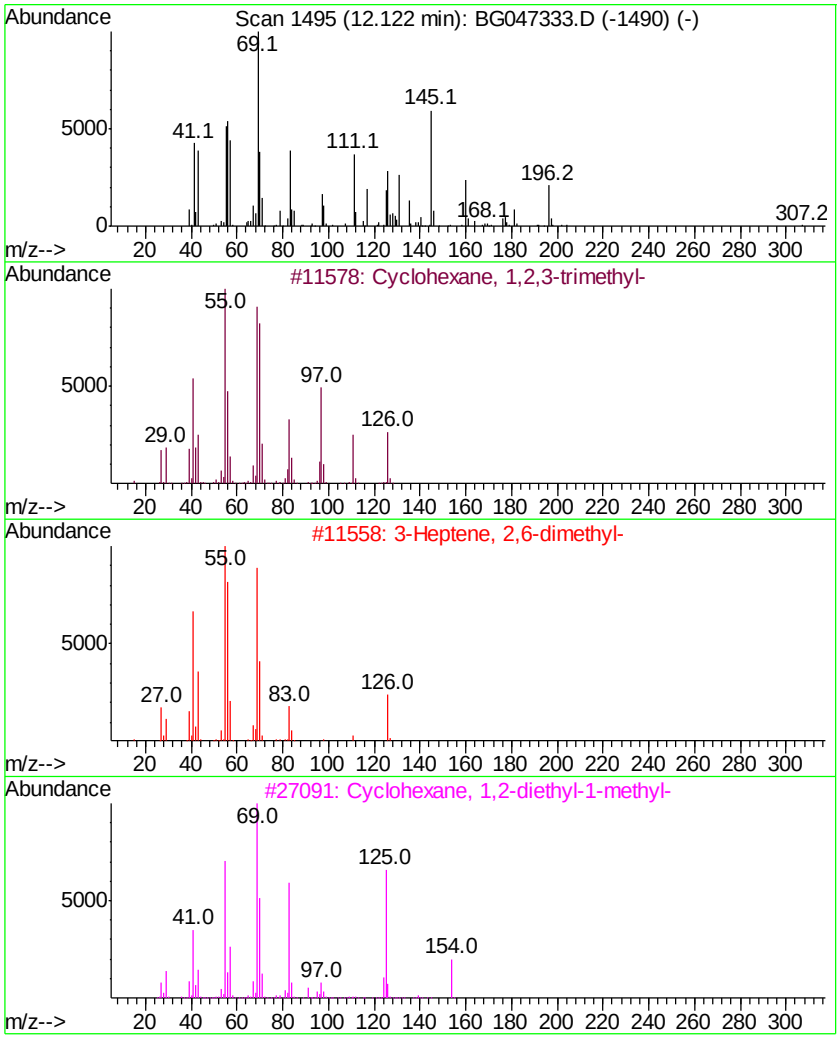
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

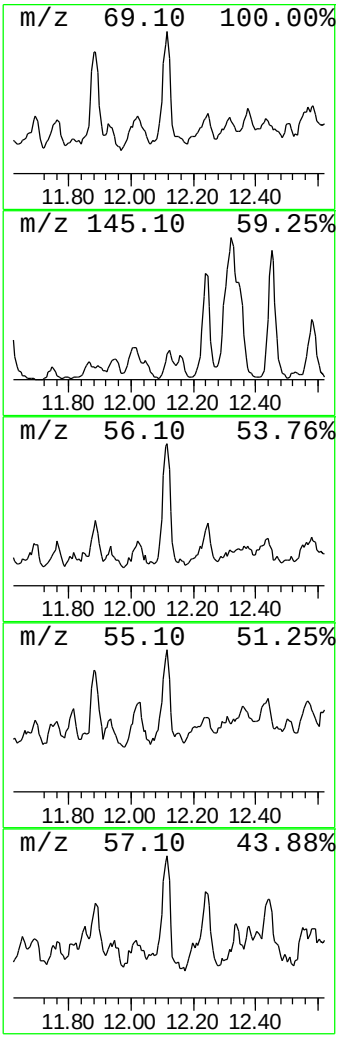
****

Peak Number 24 (DEL) Alkane: Cyclic12.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	50.32 ng/ul	735995	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52
3	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	47
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	41
5	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	38





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Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

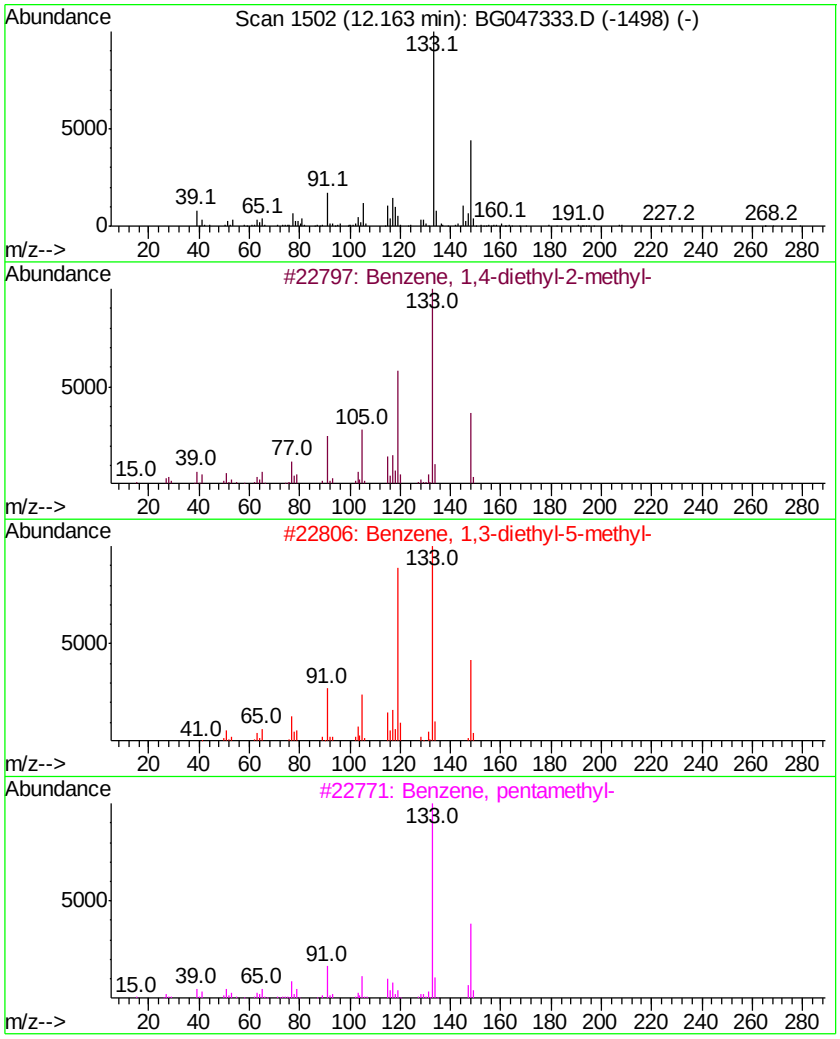
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

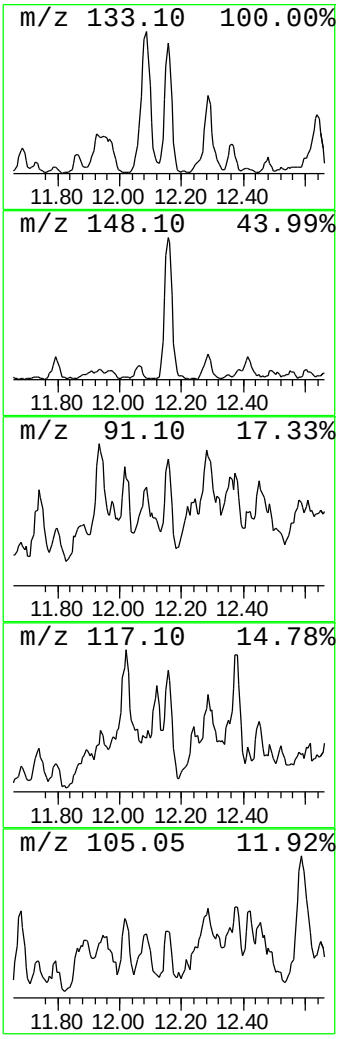
****

Peak Number 25 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	33.14 ng/ul	484811	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	76
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72





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Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

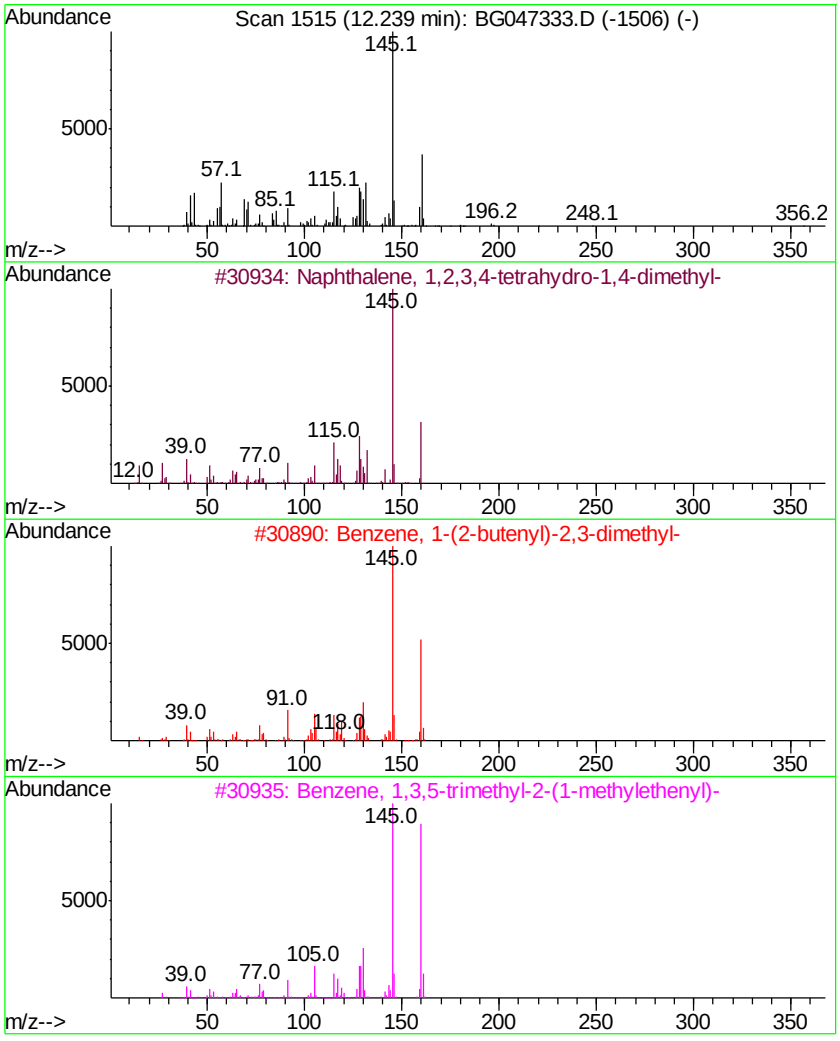
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

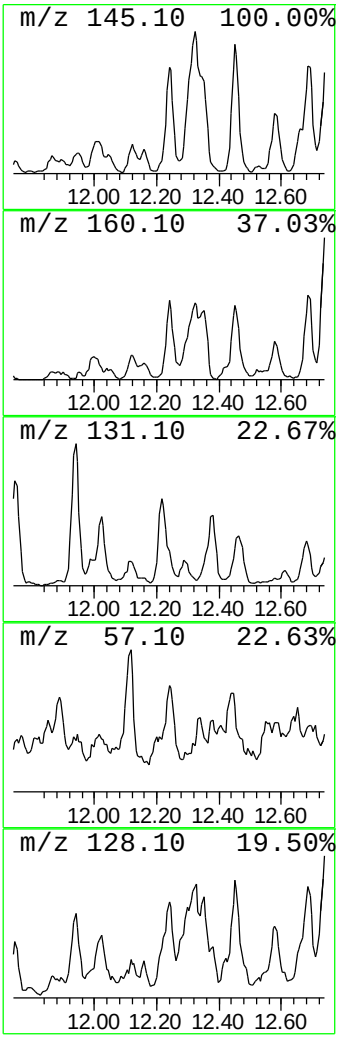
****

Peak Number 26 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	78.19 ng/ul	1143700	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	83
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	74
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	68





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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

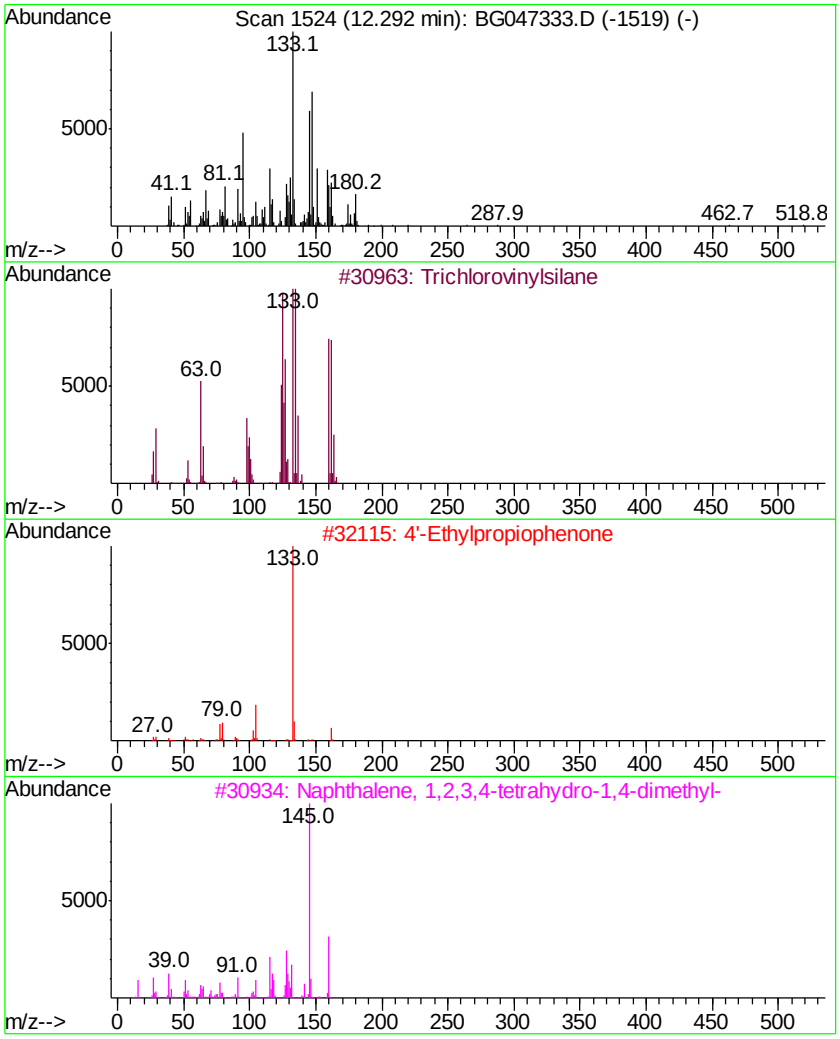
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

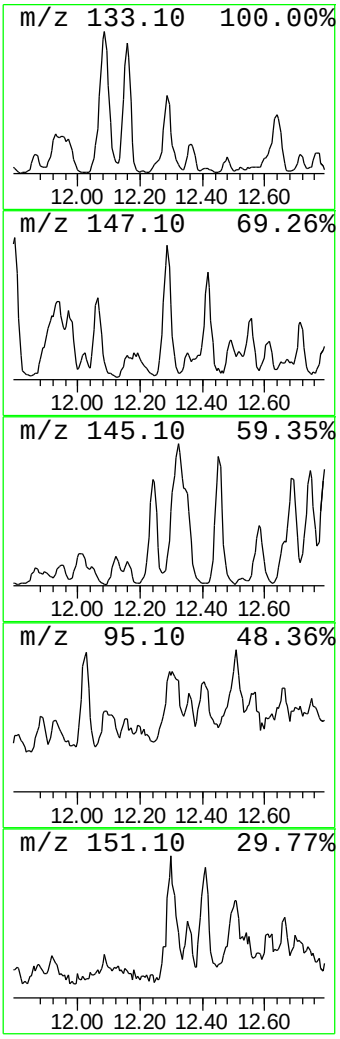
****

Peak Number 27 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	38.09 ng/ul	557081	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichlorovinylsilane	160	C2H3Cl3Si	000075-94-5	22
2	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	18
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	15
4	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	14
5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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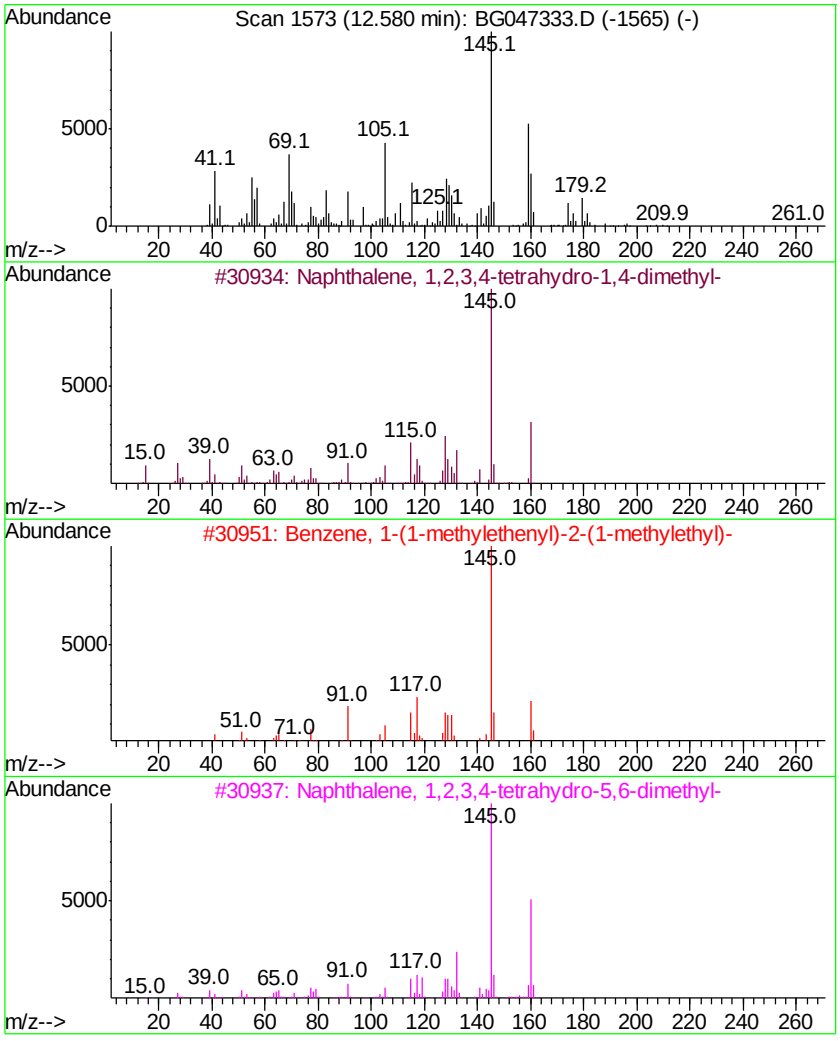
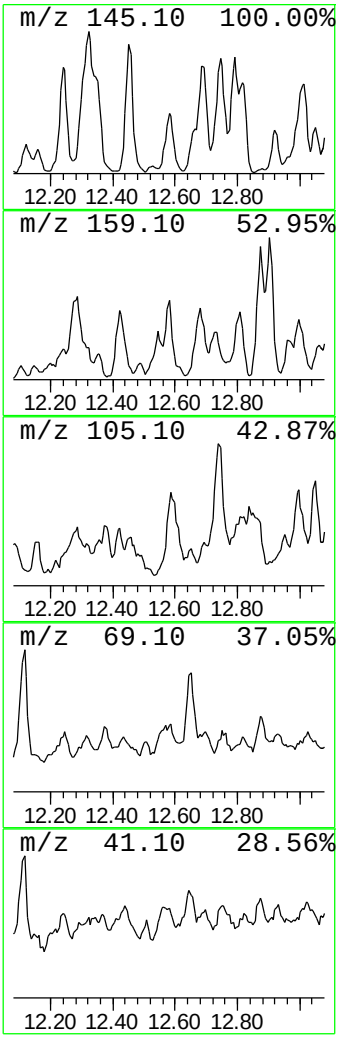
Peak Number 28 Benzene, 1-(1-methylethenyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	70.57 ng/ul	1032170	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	49
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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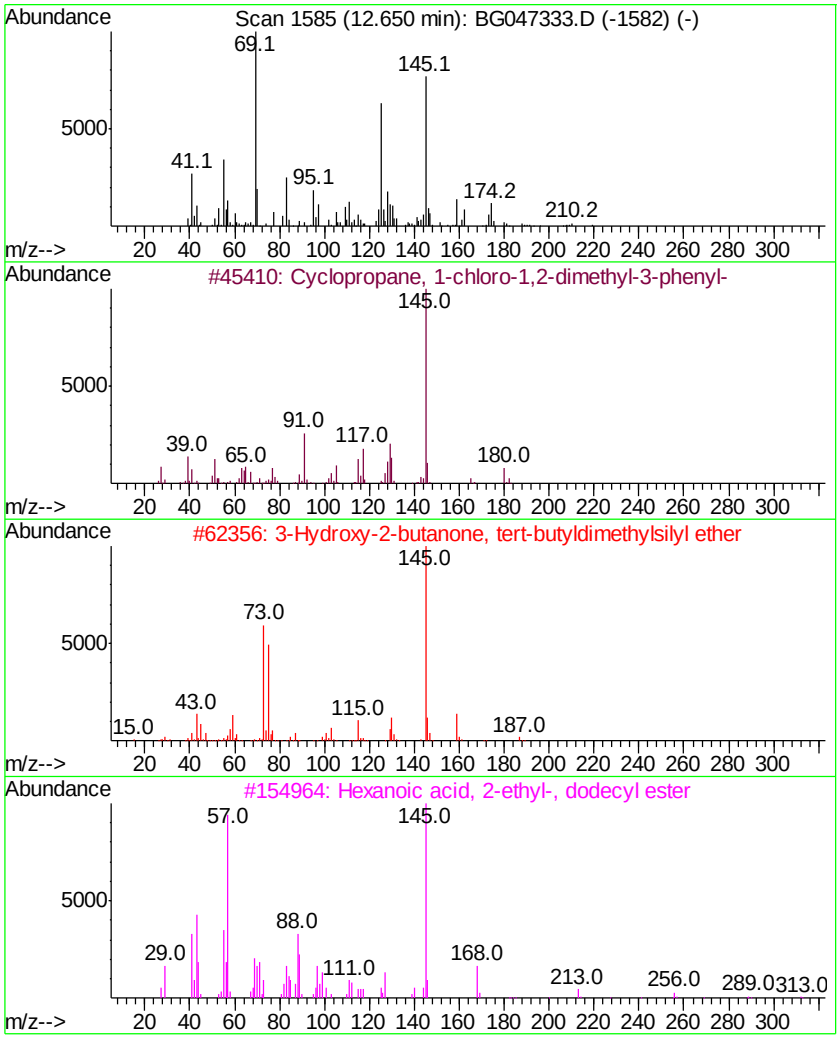
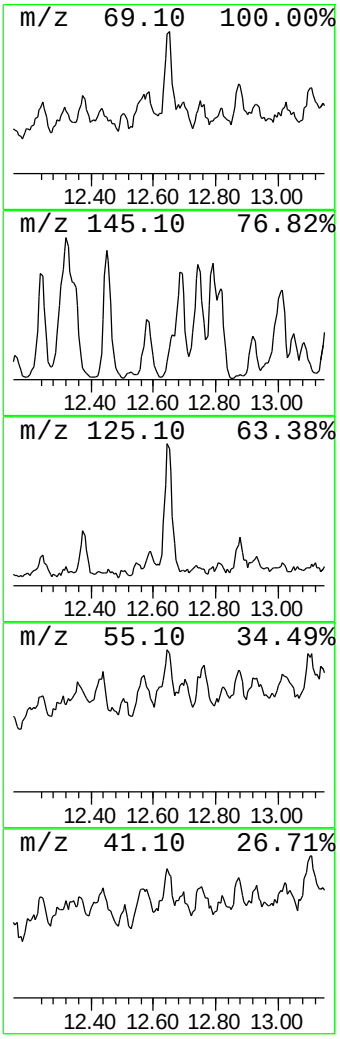
Peak Number 29 unknown-07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	23.79 ng/ul	347936	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-chloro-1,2-dimet...	180	C11H13Cl	1000154-03-9	27
2	3-Hydroxy-2-butanone, tert-butyl...	202	C10H22O2Si	1000333-79-6	27
3	Hexanoic acid, 2-ethyl-, dodecyl...	312	C20H40O2	056078-38-7	22
4	1H-Indole, 1,2-dimethyl-	145	C10H11N	000875-79-6	22
5	1H-Indole, 1,2-dimethyl-	145	C10H11N	000875-79-6	22





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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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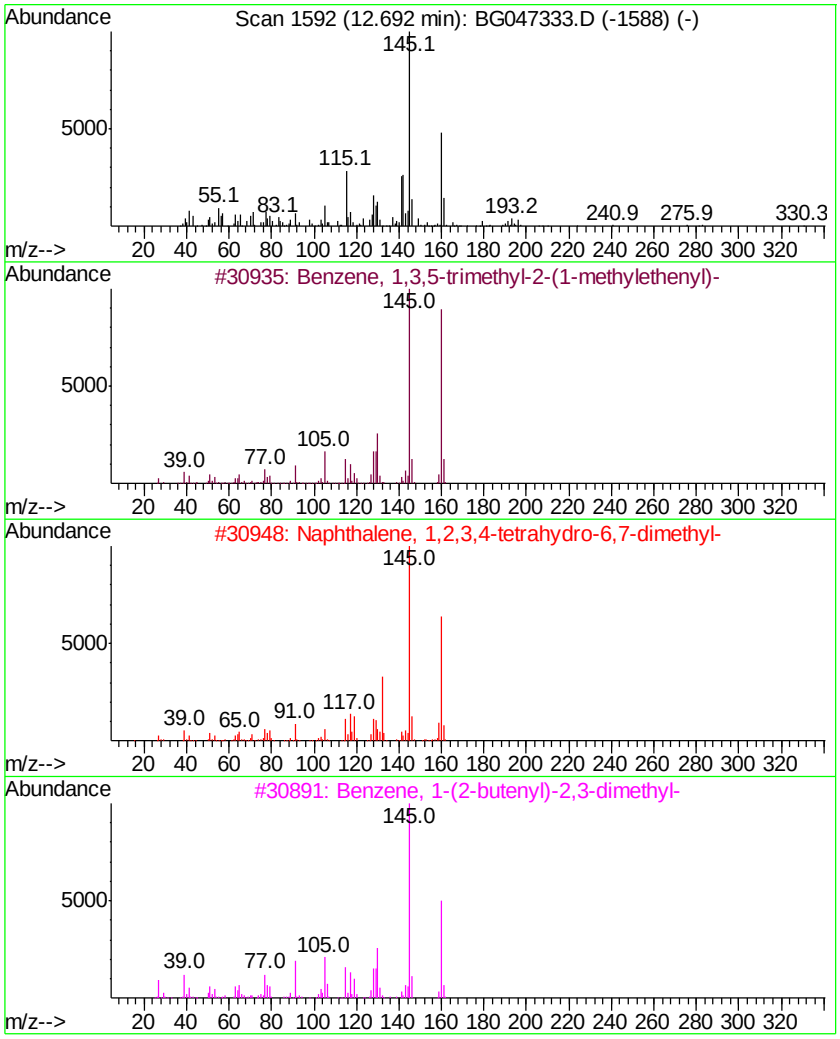
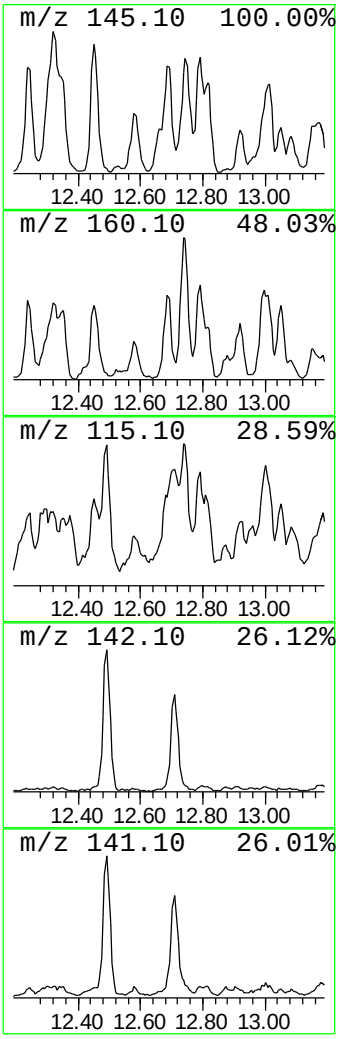
Peak Number 30 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	45.94 ng/ul	672029	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	83
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81





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Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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

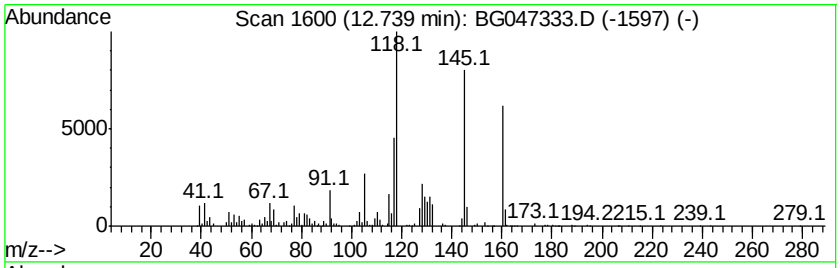
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

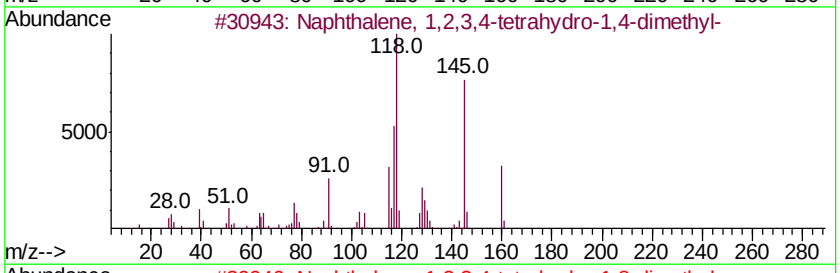
****

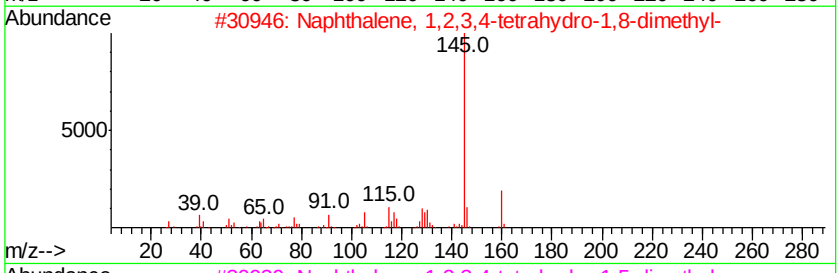
Peak Number 31 Benzene, 1-(1,1-dimethyleth... Concentration Rank 11

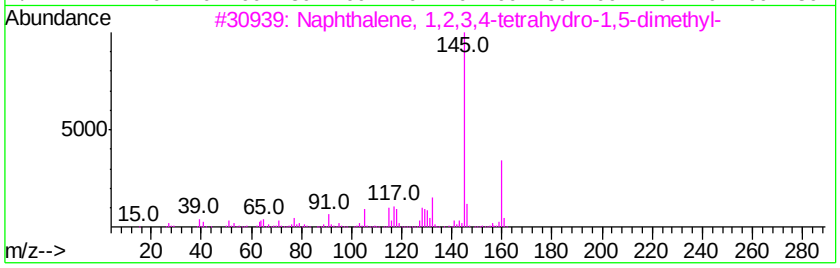
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	51.34 ng/ul	751025	Naphthalene-d8	10.83

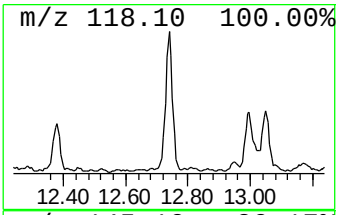
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	68
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	60
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58

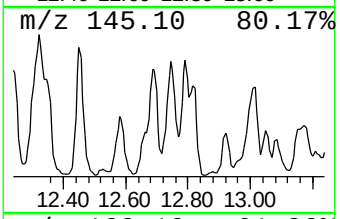


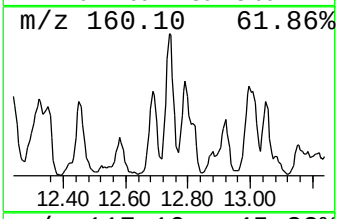


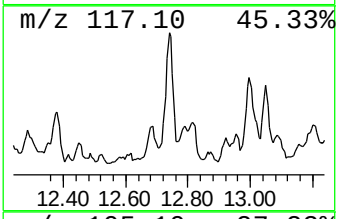


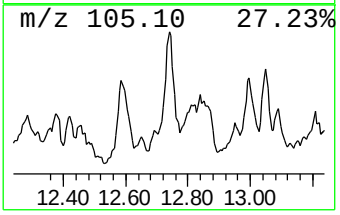












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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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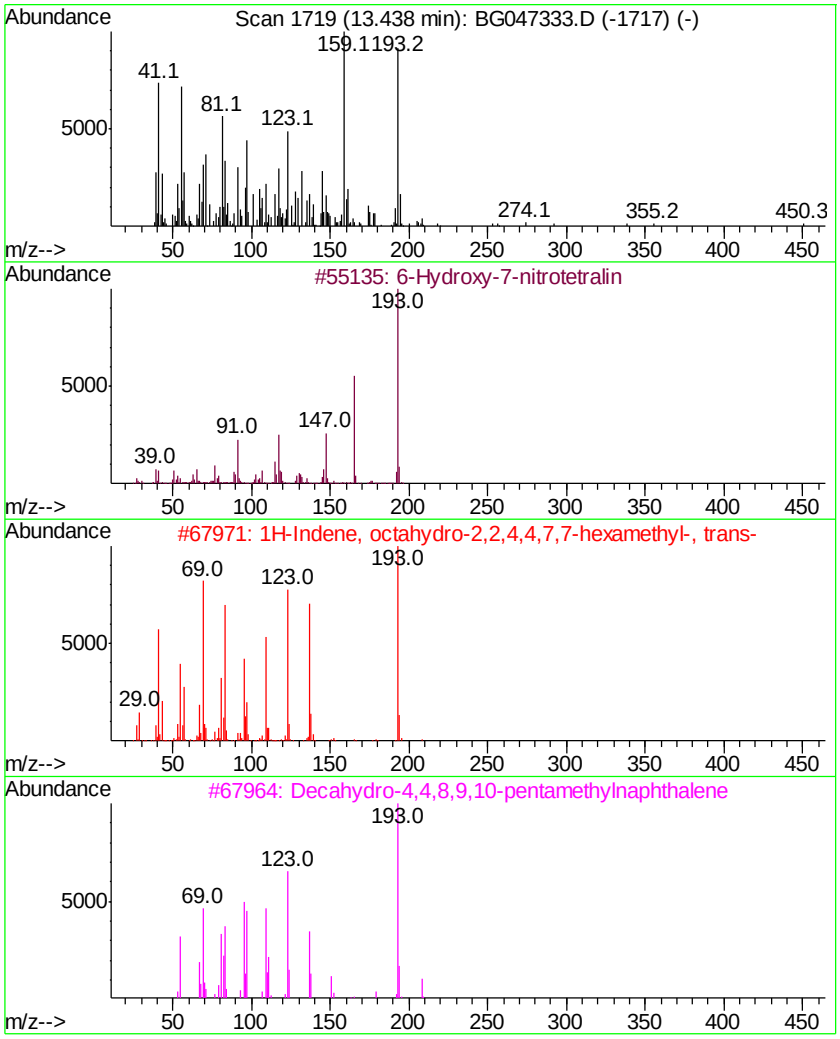
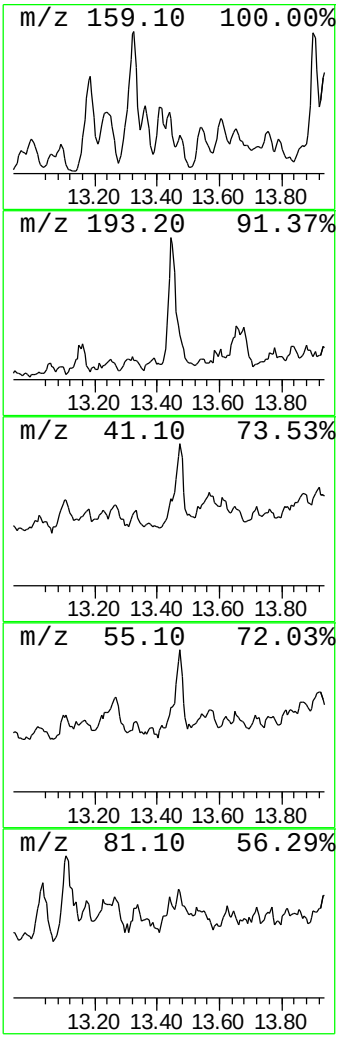
Peak Number 35 unknown-08 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.54 ng/ul	357228	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Hydroxy-7-nitrotetralin	193	C10H11NO3	006240-79-5	38
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
4	2-Amino-6-methyl-5H-pyrrolo[3,4-...	193	C8H7N3O3	1000300-48-5	22
5	1-Methyl-5-nitro-1H-benzoimidazo...	193	C8H7N3O3	066108-85-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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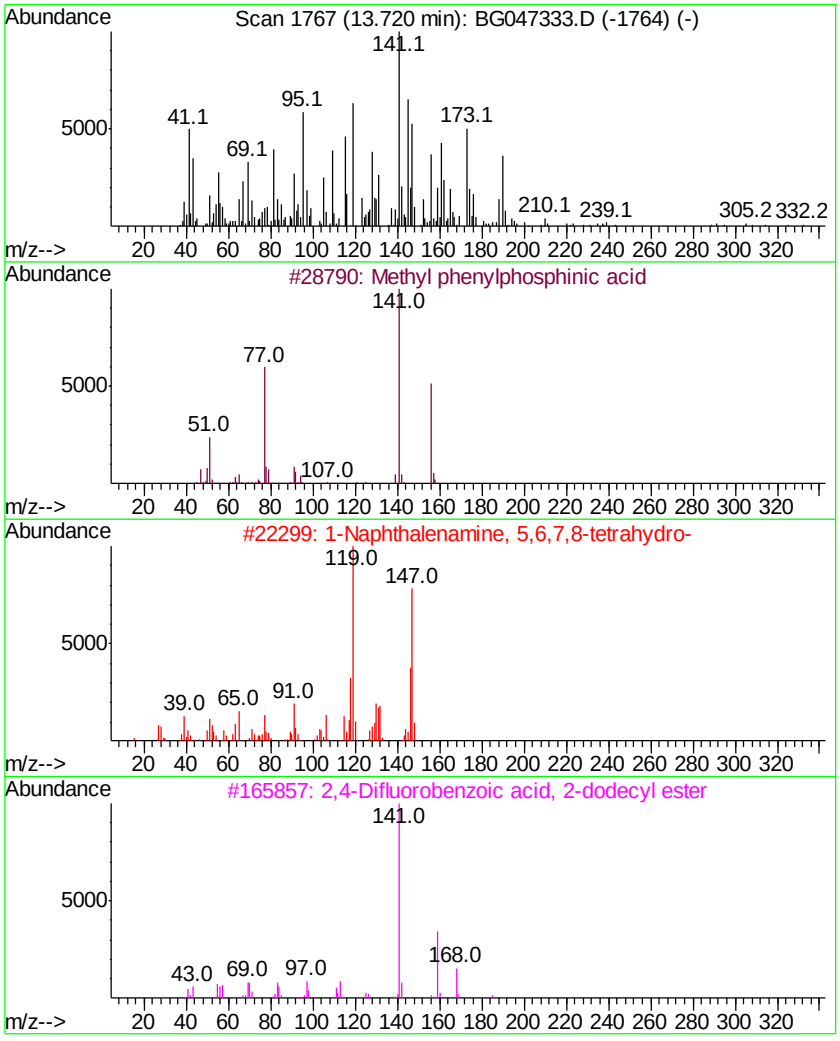
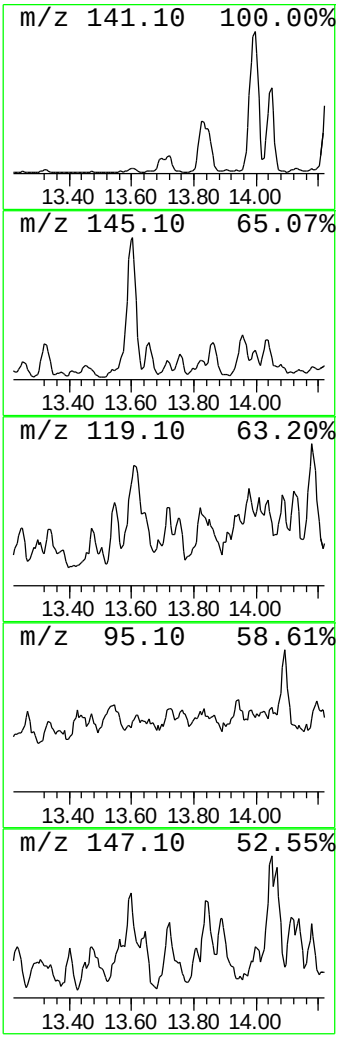
Peak Number 38 unknown-09 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.59 ng/ul	361868	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	11
2	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	11
3	2,4-Difluorobenzoic acid, 2-dode...	326	C19H28F2O2	1000338-56-2	10
4	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	10
5	1-Pyridineacetamide, 4-(aminocar...	346	C17H22N4O4	1000318-98-1	10





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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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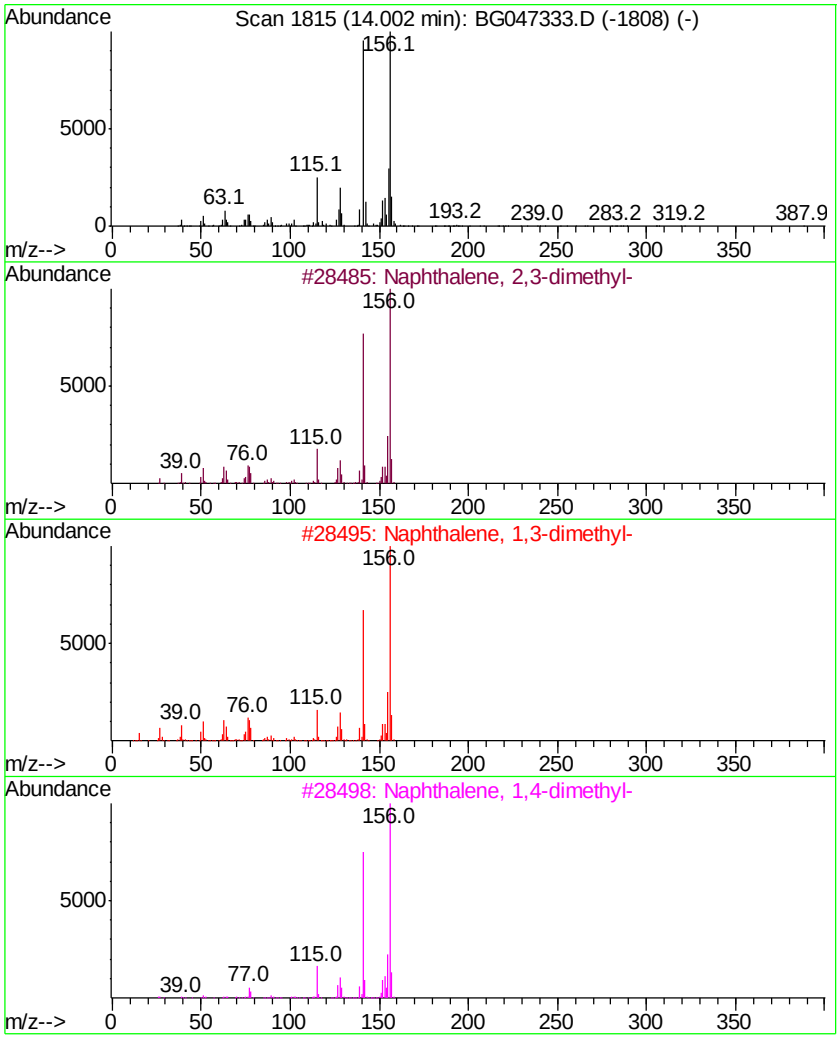
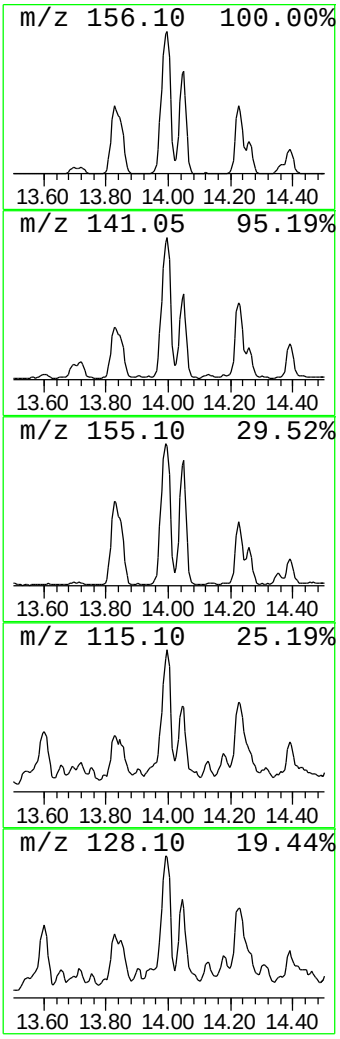
Peak Number 40 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	52.70 ng/ul	4150450	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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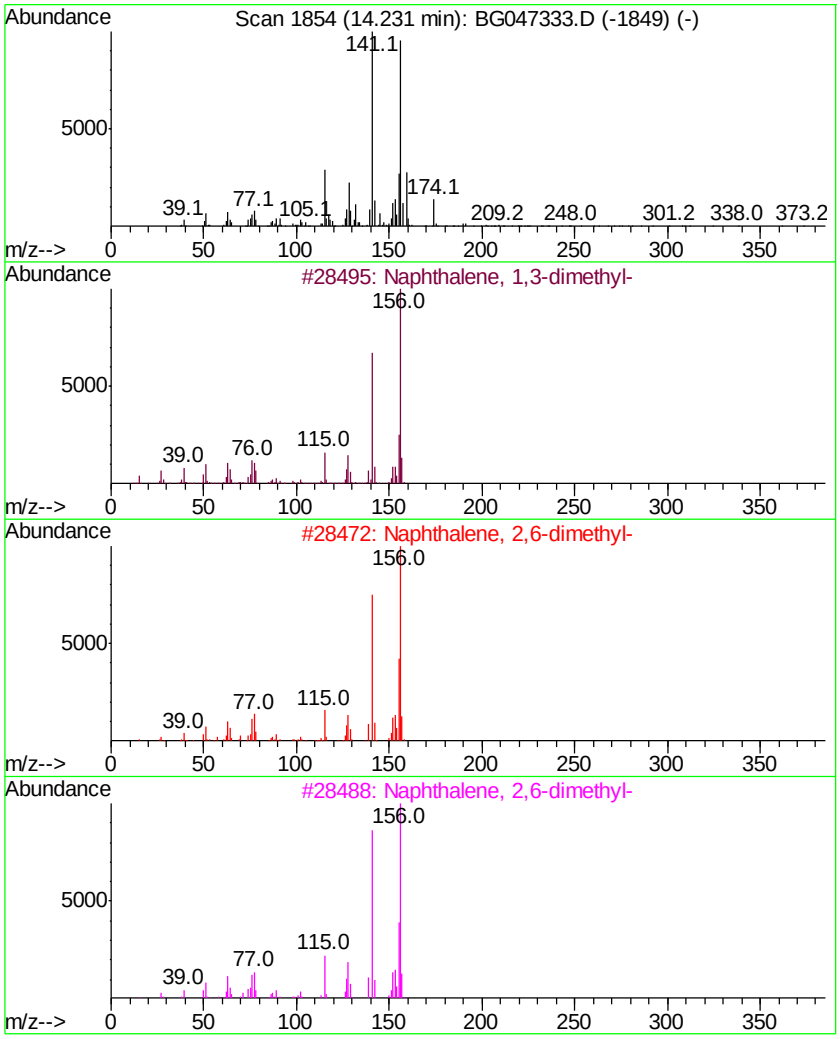
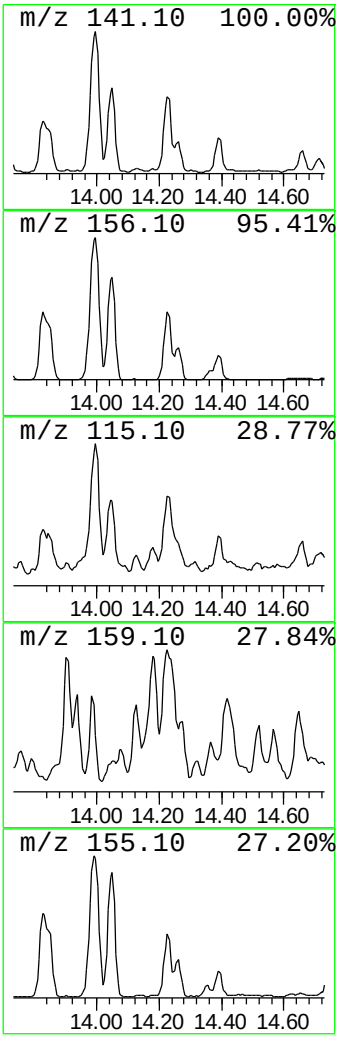
Peak Number 42 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	46.17 ng/ul	3636520	Acenaphthene-d10	14.67

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, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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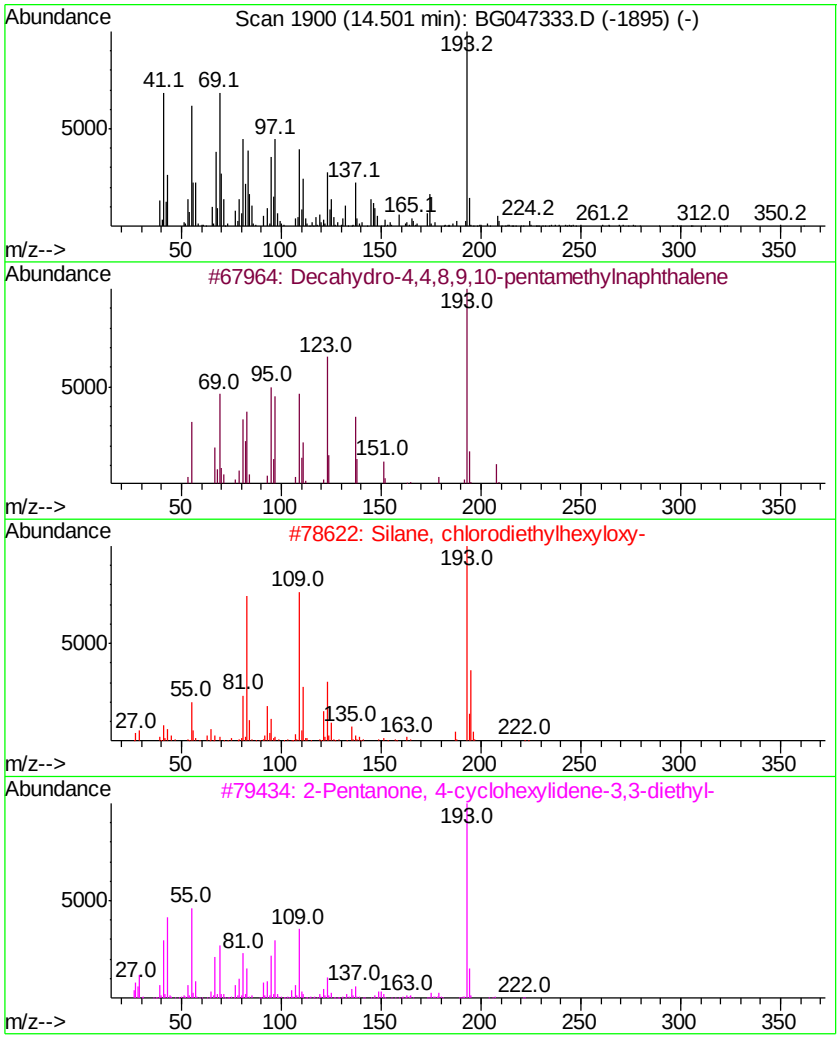
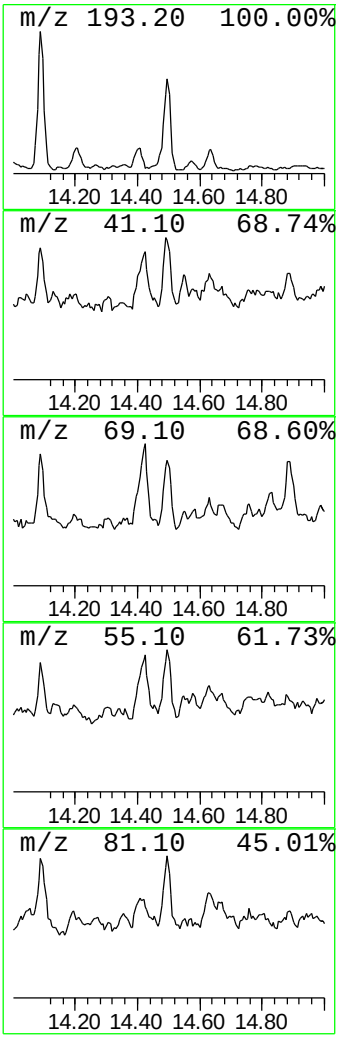
Peak Number 43 unknown-10 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	14.78 ng/ul	1164350	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	47
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	45
4	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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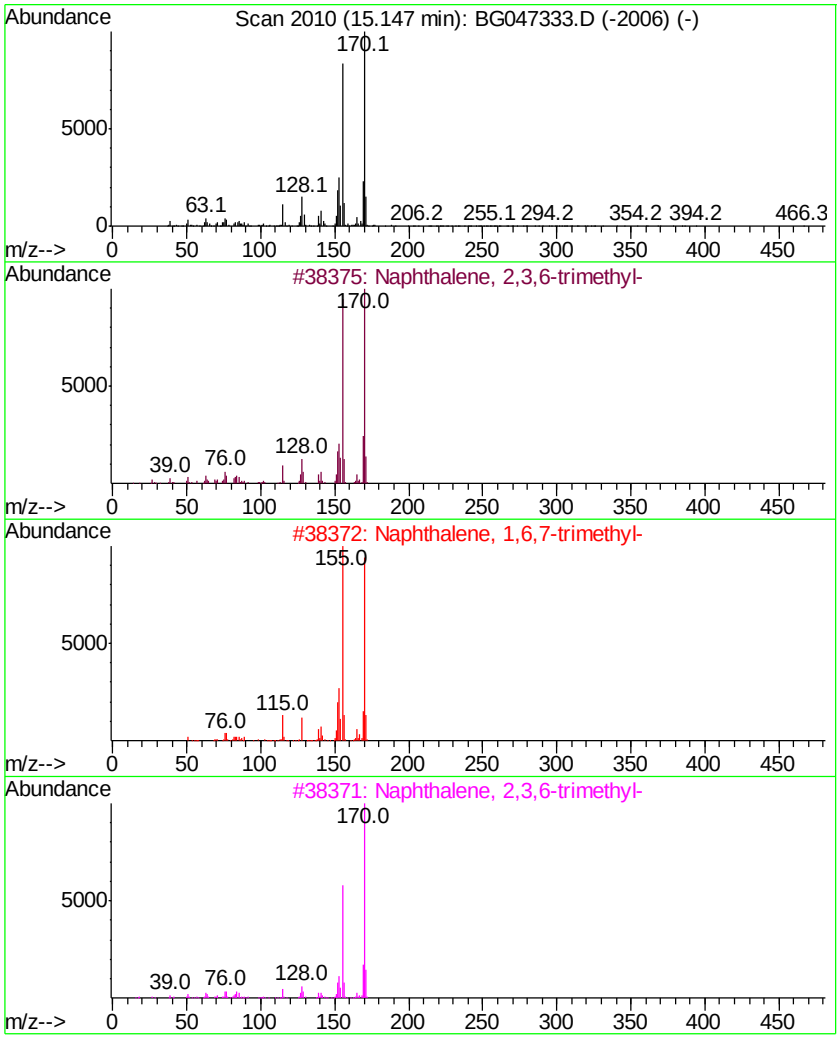
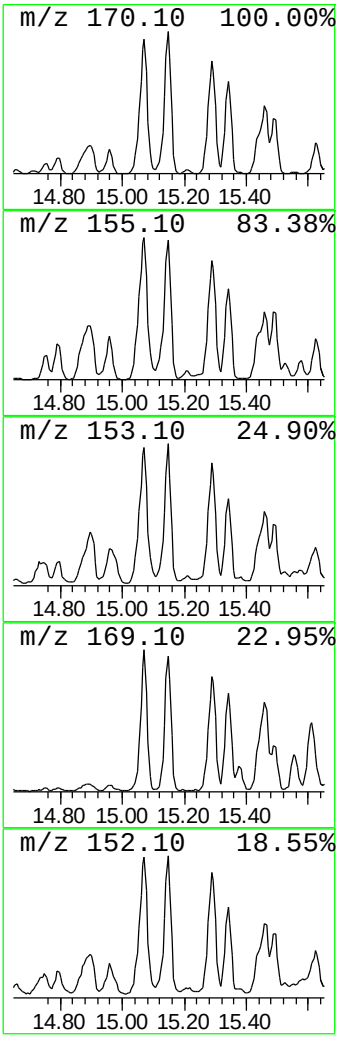
Peak Number 46 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	59.97 ng/ul	4723110	Acenaphthene-d10	14.67

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	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
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Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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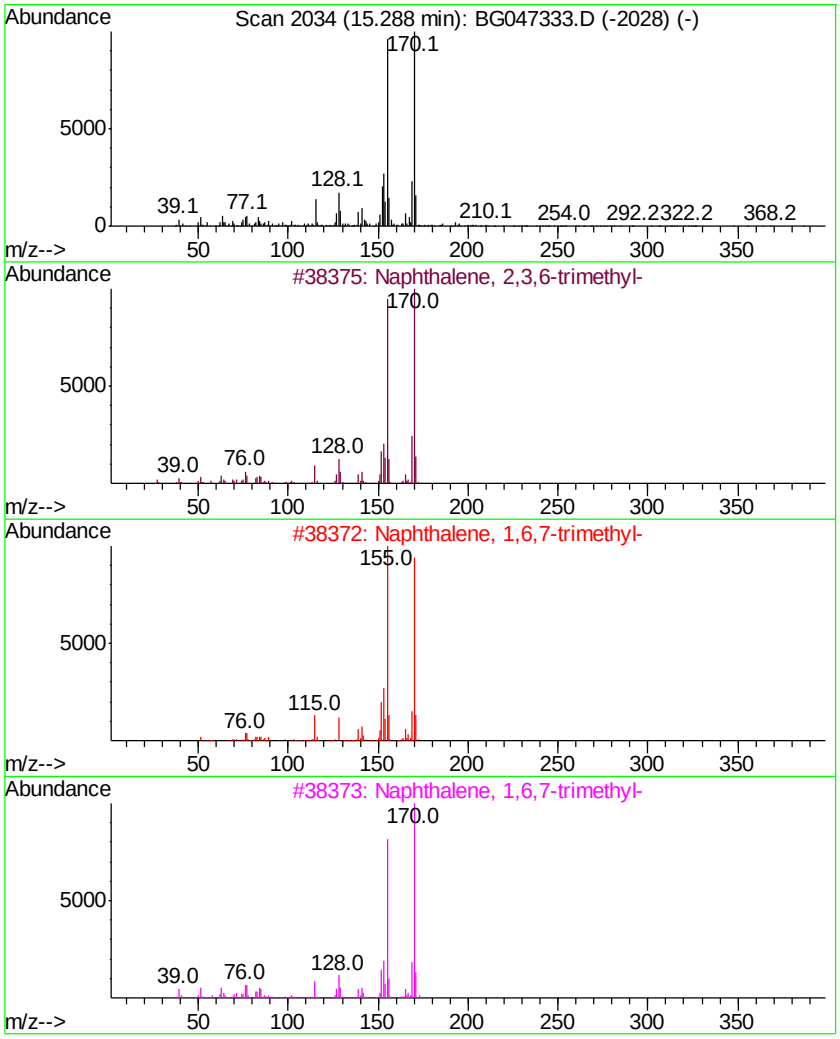
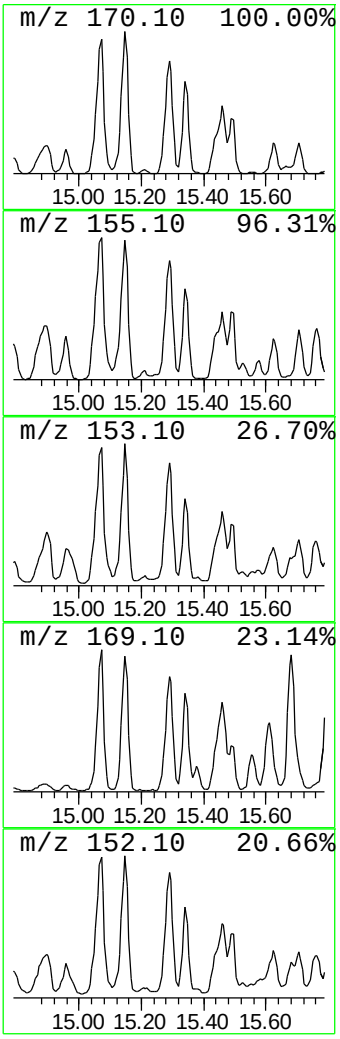
Peak Number 47 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	70.88 ng/ul	5582870	Acenaphthene-d10	14.67

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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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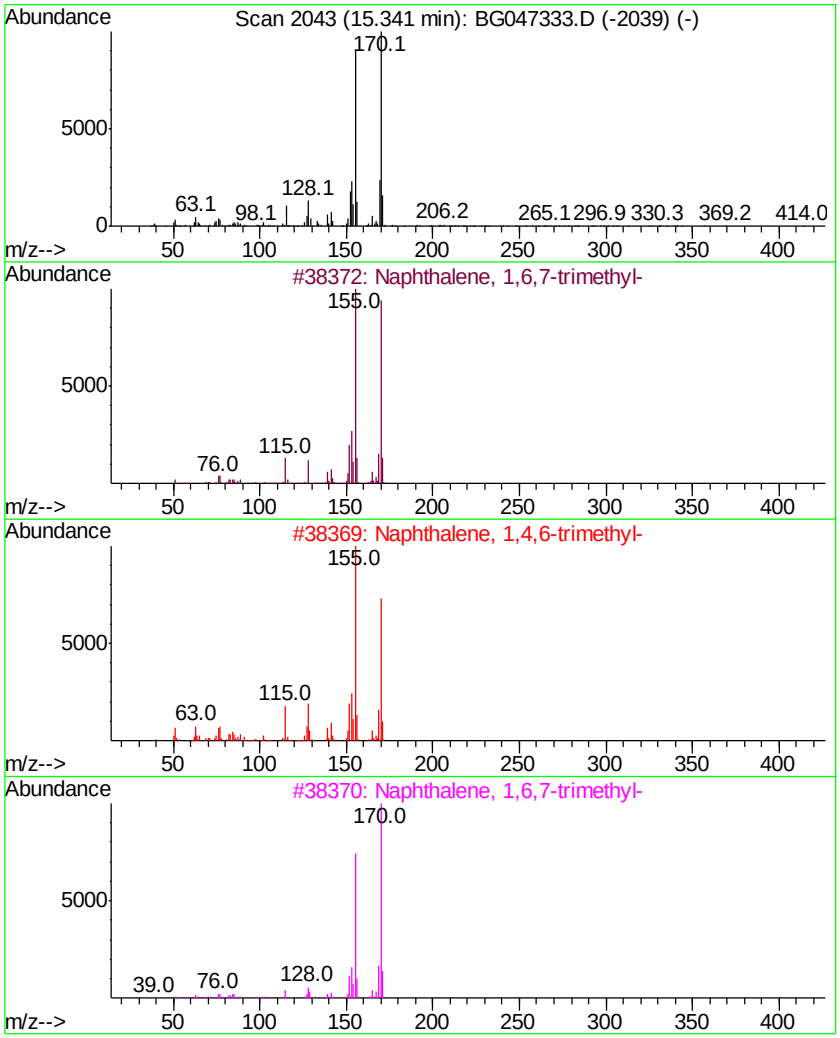
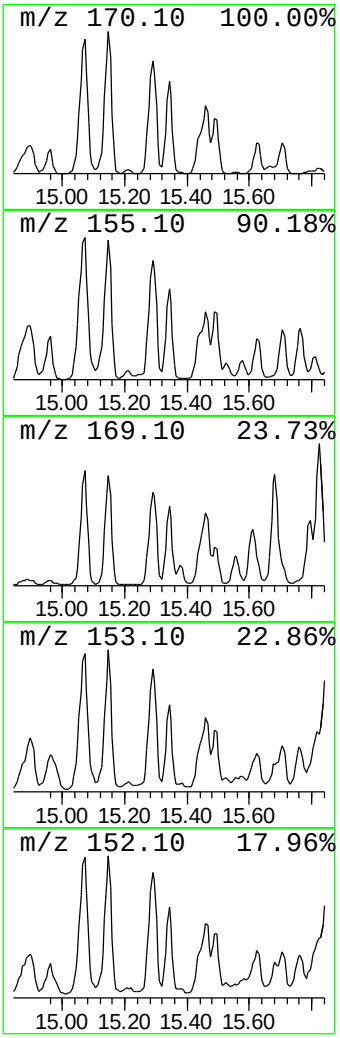
Peak Number 48 Naphthalene, 1,4,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	37.14 ng/ul	2925090	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





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Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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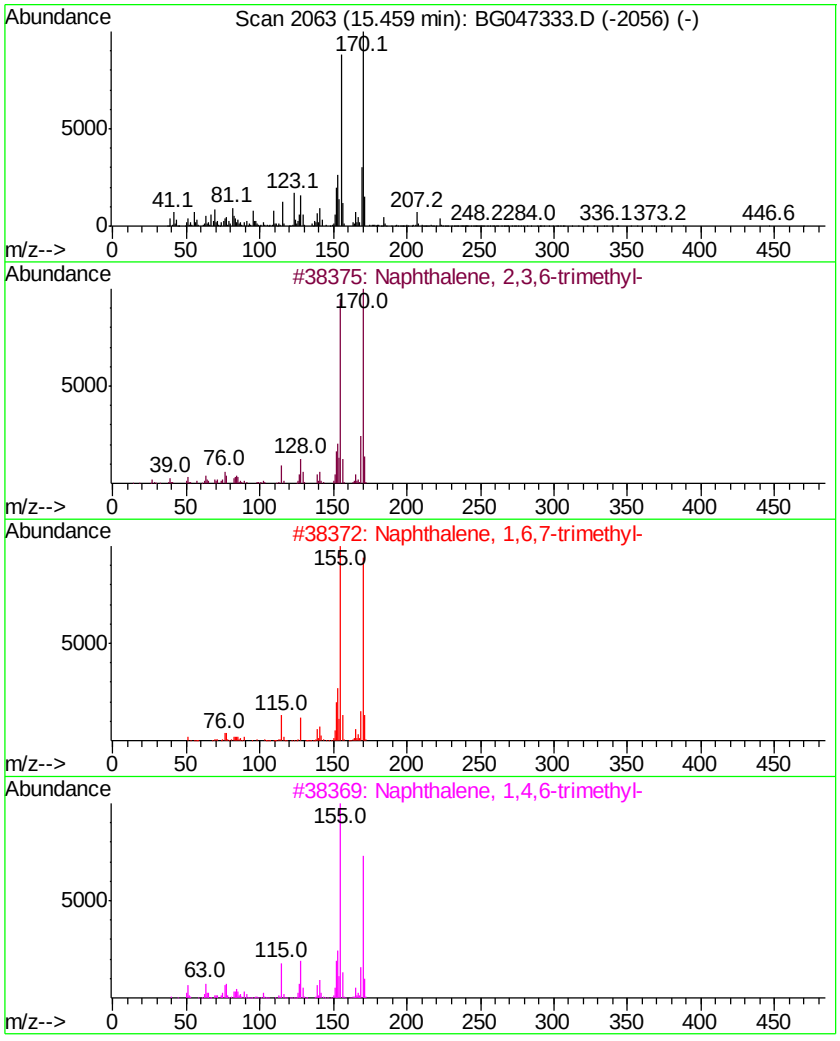
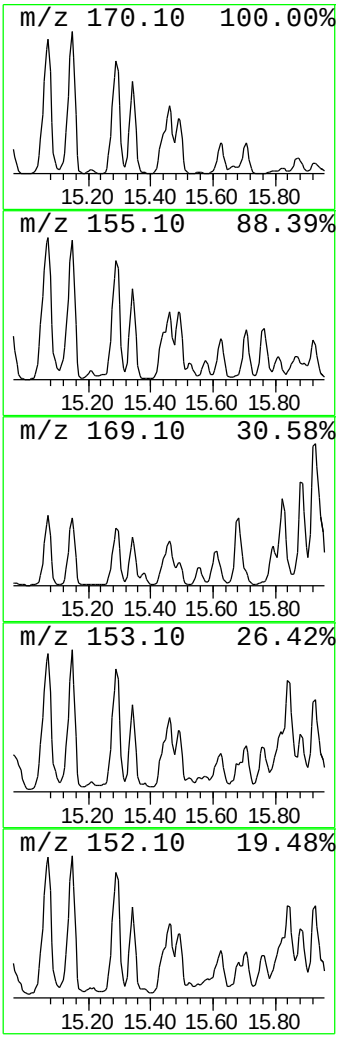
Peak Number 49 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	50.02 ng/ul	3939640	Acenaphthene-d10	14.67

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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
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Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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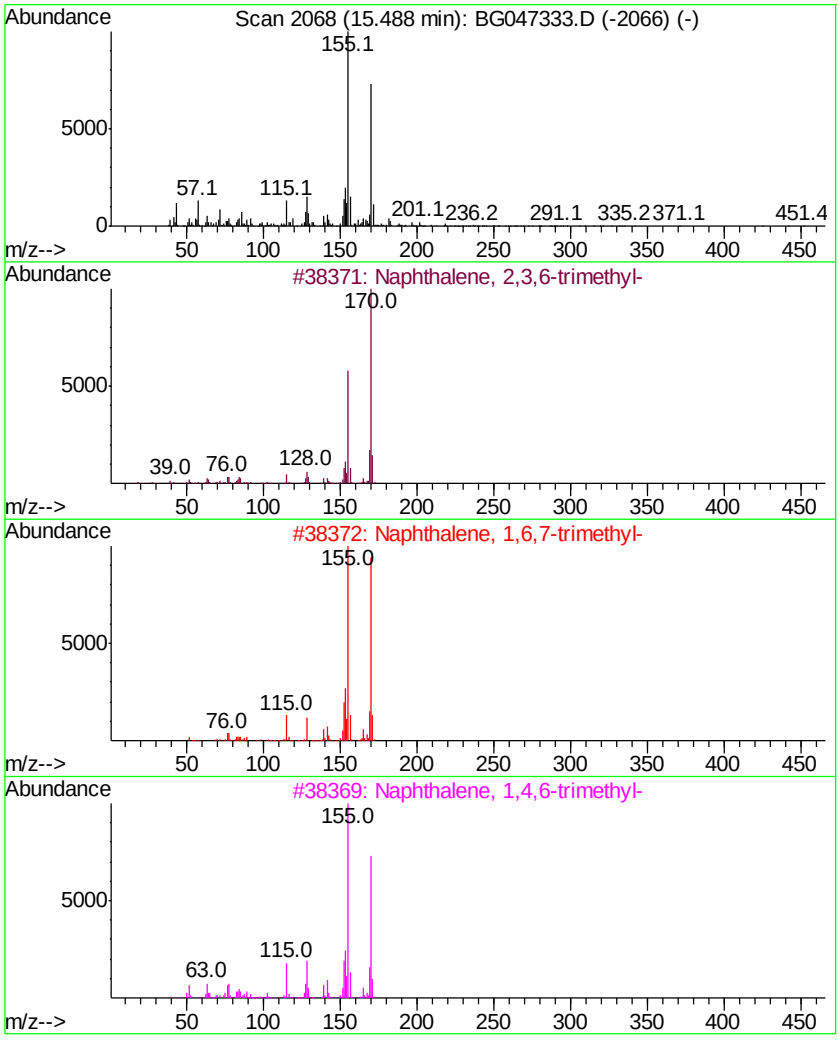
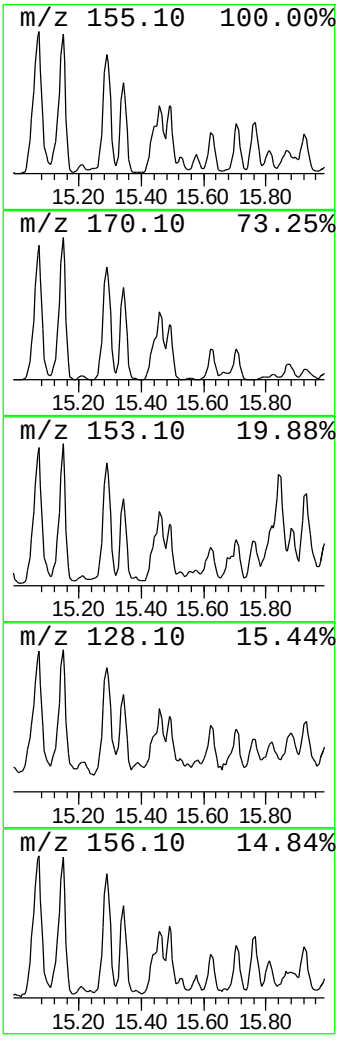
Peak Number 50 unknown-11 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	27.09 ng/ul	2133910	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





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Data File : BG047333.D
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Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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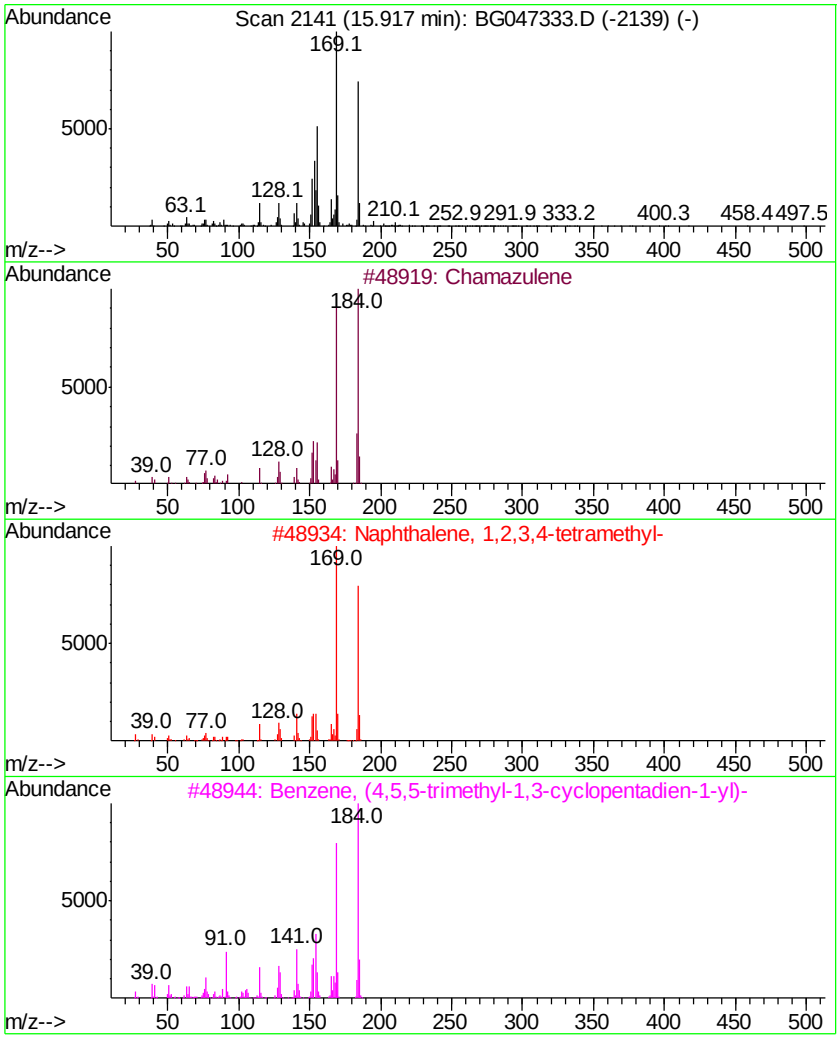
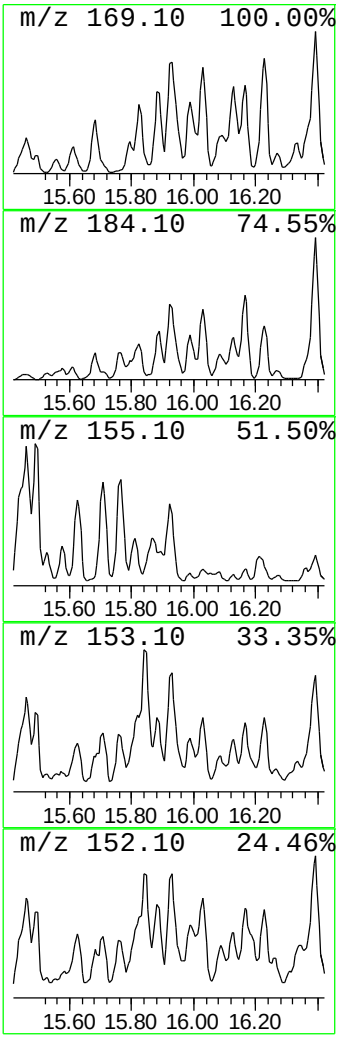
Peak Number 52 Chamazulene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	32.98 ng/ul	2597490	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	89
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	87
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	80
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	68





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Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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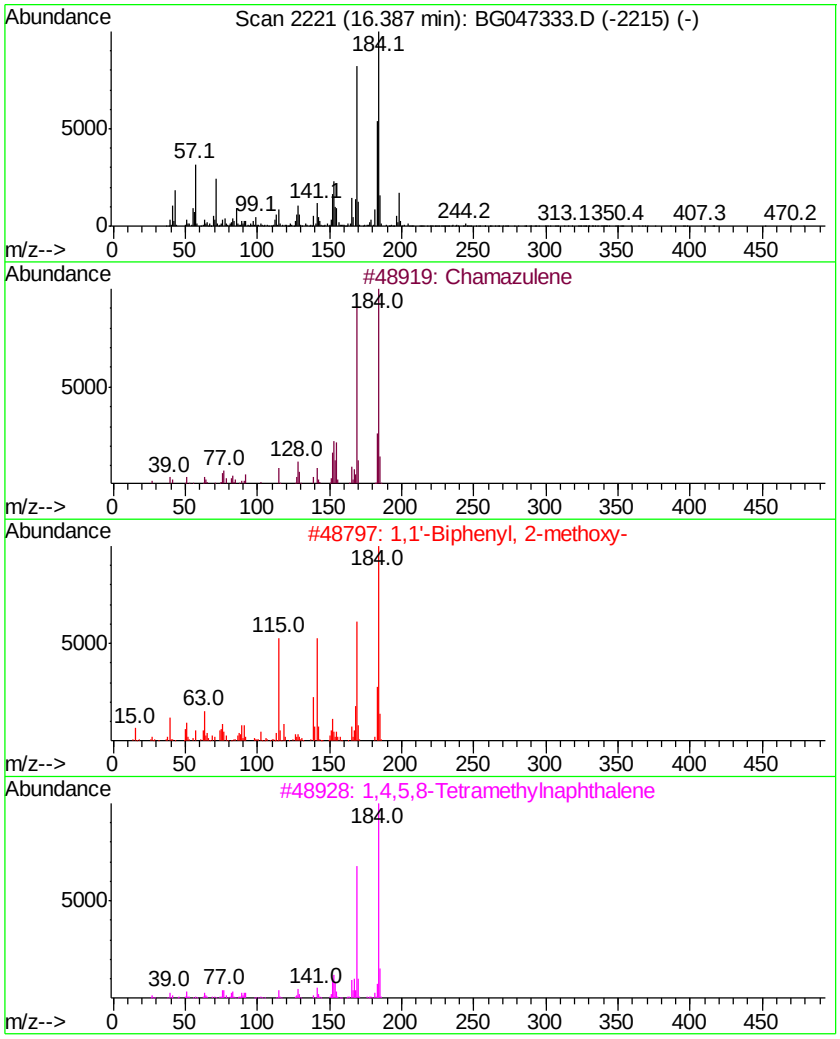
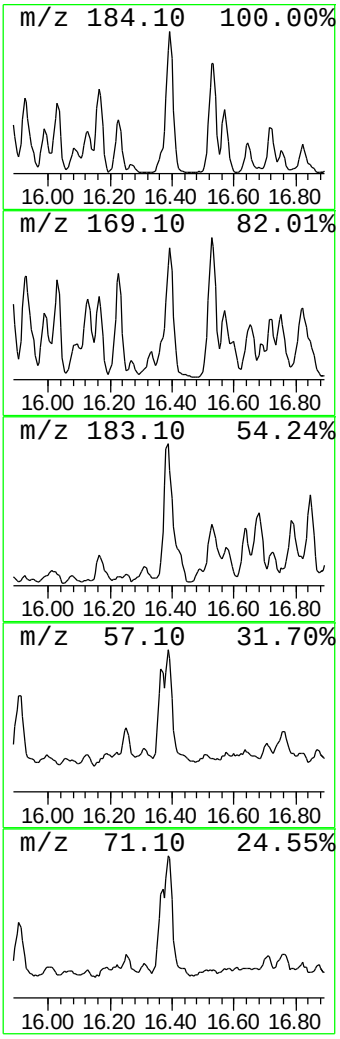
Peak Number 57 1,1'-Biphenyl, 2-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	49.06 ng/ul	7352840	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	83
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	81
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	81
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	80





Library Search Compound Report

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Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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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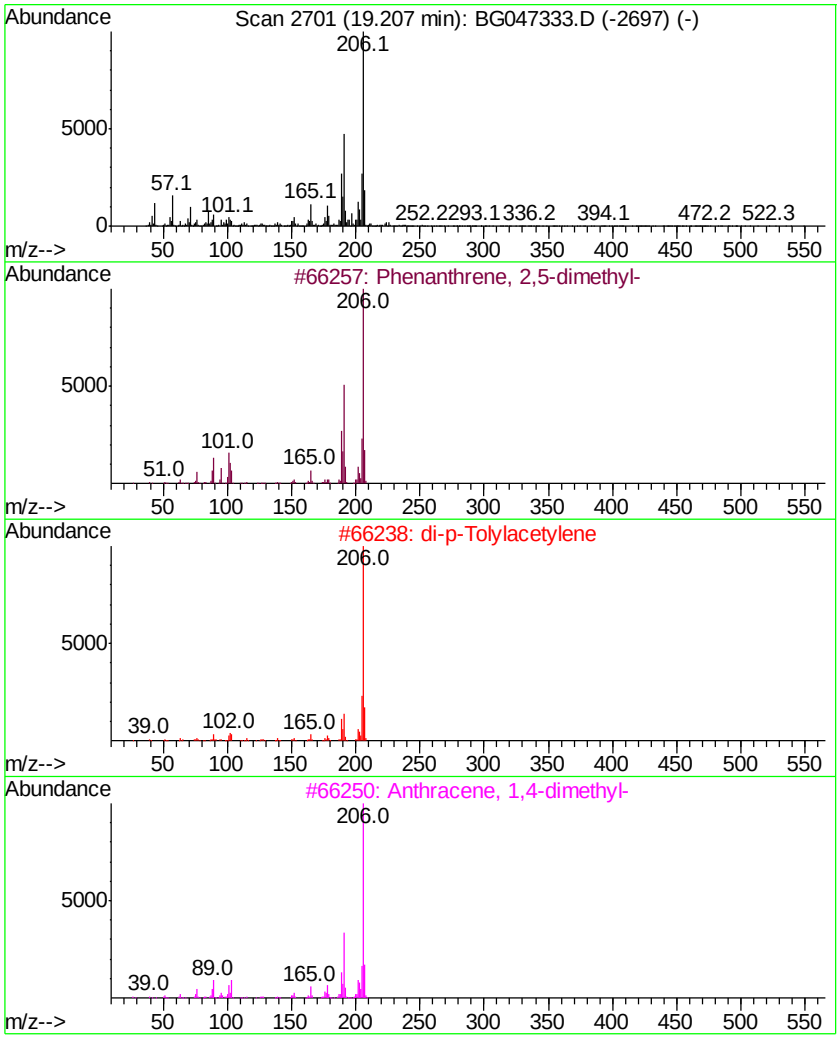
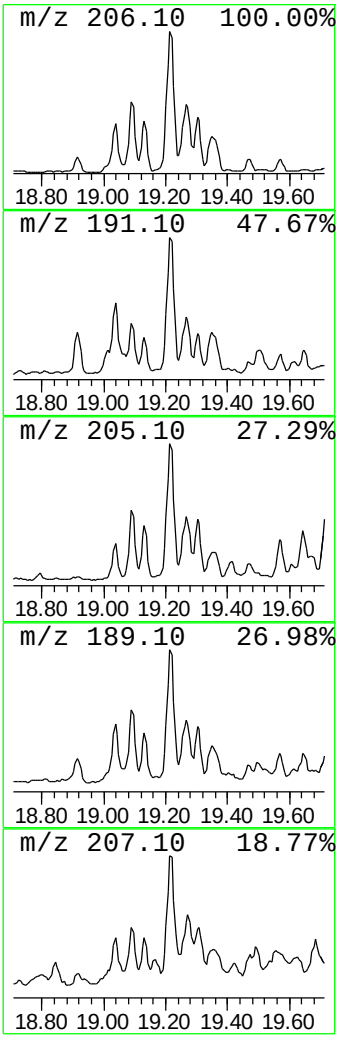
Peak Number 72 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	44.56 ng/ul	6678540	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	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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...	9.12	19.0	ng/ul	346037	1	8.02	364796	20.0
unknown-01	9.38	14.5	ng/ul	263963	1	8.02	364796	20.0
unknown-02	9.46	12.8	ng/ul	186677	2	10.83	292544	20.0
Naphthalene, deca...	10.01	51.1	ng/ul	747311	2	10.83	292544	20.0
unknown-03	11.19	12.8	ng/ul	187669	2	10.83	292544	20.0
cis,trans-1,6-Dim...	11.25	39.0	ng/ul	569855	2	10.83	292544	20.0
(DEL) Alkane: Cyc...	11.32	67.3	ng/ul	983899	2	10.83	292544	20.0
unknown-04	11.40	16.8	ng/ul	245097	2	10.83	292544	20.0
unknown-05	11.52	56.3	ng/ul	823673	2	10.83	292544	20.0
1H-Indene, 2,3-di...	11.75	44.5	ng/ul	650788	2	10.83	292544	20.0
(DEL) Alkane: Cyc...	11.88	74.7	ng/ul	1093010	2	10.83	292544	20.0
2,2-Dimethylinden...	11.93	58.3	ng/ul	852475	2	10.83	292544	20.0
Naphthalene, 1,2,...	12.02	60.5	ng/ul	884174	2	10.83	292544	20.0
(DEL) Alkane: Cyc...	12.12	50.3	ng/ul	735995	2	10.83	292544	20.0
Benzene, 1,4-diet...	12.16	33.1	ng/ul	484811	2	10.83	292544	20.0
Naphthalene, 1,2,...	12.24	78.2	ng/ul	1143700	2	10.83	292544	20.0
unknown-06	12.29	38.1	ng/ul	557081	2	10.83	292544	20.0
Benzene, 1-(1-met...	12.58	70.6	ng/ul	1032170	2	10.83	292544	20.0
unknown-07	12.65	23.8	ng/ul	347936	2	10.83	292544	20.0
Benzene, 1,3,5-tr...	12.69	45.9	ng/ul	672029	2	10.83	292544	20.0
Benzene, 1-(1,1-d...	12.74	51.3	ng/ul	751025	2	10.83	292544	20.0
unknown-08	13.44	4.5	ng/ul	357228	3	14.67	1575240	20.0
unknown-09	13.72	4.6	ng/ul	361868	3	14.67	1575240	20.0
Naphthalene, 2,3-...	14.00	52.7	ng/ul	4150450	3	14.67	1575240	20.0
Naphthalene, 1,3-...	14.23	46.2	ng/ul	3636520	3	14.67	1575240	20.0
unknown-10	14.50	14.8	ng/ul	1164350	3	14.67	1575240	20.0
Naphthalene, 2,3,...	15.15	60.0	ng/ul	4723110	3	14.67	1575240	20.0
Naphthalene, 1,6,...	15.29	70.9	ng/ul	5582870	3	14.67	1575240	20.0
Naphthalene, 1,4,...	15.34	37.1	ng/ul	2925090	3	14.67	1575240	20.0
Naphthalene, 1,4,...	15.46	50.0	ng/ul	3939640	3	14.67	1575240	20.0
unknown-11	15.49	27.1	ng/ul	2133910	3	14.67	1575240	20.0
Chamazulene	15.92	33.0	ng/ul	2597490	3	14.67	1575240	20.0
1,1'-Biphenyl, 2-...	16.39	49.1	ng/ul	7352840	4	17.42	2997650	20.0
Phenanthrene, 2,5...	19.21	44.6	ng/ul	6678540	4	17.42	2997650	20.0