LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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	9.125	974	985	990	rBV2	854418	1868452	9.52%	0.430%
2	9.378	1022	1028	1035	rVB2	502915	1081671	5.51%	0.249%
3	9.454	1035	1041	1049	rBV6	253419	825797	4.21%	0.190%
4	9.648	1069	1074	1079	rVB	506996	840752	4.28%	0.193%
5	9.713	1079	1085	1088	rBV	916989	1613641	8.22%	0.371%
6	9.748	1088	1091	1100	rVB	625866	1018688	5.19%	0.234%
7	9.901	1107	1117	1122	rBV9	320543	831128	4.24%	0.191%
8	10.012	1130	1136	1143	rVV5	1081925	2402328	12.24%	0.553%
9	10.230	1166	1173	1178	rBV2	1156973	2115782	10.78%	0.487%
10	10.406	1194	1203	1207	rBV6	473972	1328117	6.77%	0.306%
11	10.453	1207	1211	1218	rVB3	485227	964758	4.92%	0.222%
12	10.523	1218	1223	1232	rBV3	529508	1487228	7.58%	0.342%
13	10.717	1248	1256	1259	rBV6	344955	947765	4.83%	0.218%
14	10.805	1264	1271	1276	rVV2	1227673	3243091	16.53%	0.746%
15	10.882	1279	1284	1290	rVV4	1376187	3566528	18.18%	0.821%
16	10.946	1290	1295	1304	rVB3	829011	1760786	8.97%	0.405%
17	11.046	1307	1312	1317	rBV	632539	970491	4.95%	0.223%
18	11.240	1341	1345	1351	rVV4	583005	1307316	6.66%	0.301%
19	11.322	1352	1359	1364	rVB2	953020	2140389	10.91%	0.492%
20	11.493	1384	1388	1391	rBV3	643765	1112215	5.67%	0.256%
21	11.610	1402	1408	1412	rBV	515463	1014357	5.17%	0.233%
22	11.751	1426	1432	1438	rVB2	1378716	2730769	13.92%	0.628%
23	11.857	1445	1450	1451	rBV2	666182	895785	4.57%	0.206%
24	11.887	1452	1455	1459	rVV3	993687	1628833	8.30%	0.375%
25	11.939	1459	1464	1469	rVB	1326306	2426879	12.37%	0.558%
26	12.022	1474	1478	1485	rVB2	1432077	2603299	13.27%	0.599%
27	12.116	1491	1494	1498	rVB3	731054	1068695	5.45%	0.246%
28	12.157	1498	1501	1506	rVB	760936	1052666	5.36%	0.242%
29	12.216	1507	1511	1513	rBV2	701414	1115284	5.68%	0.257%
30	12.503	1554	1560	1565	rVB	4890150	8854175	45.12%	2.037%
31	12.586	1566	1574	1577	rBV3	808783	2169160	11.05%	0.499%
32	12.721	1588	1597	1605	rVB3	3699843	8765483	44.67%	2.017%
33	13.009	1641	1646	1651	rBV4	881772	1669490	8.51%	0.384%
34	13.197	1673	1678	1684	rVB4	1293805	2443396	12.45%	0.562%

LSC Area Percent Report

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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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	13.326	1696	1700	1704	rVB3	730109	1155266	5.89%	0.266%
36	13.473	1722	1725	1734	rVB3	1150947	2397675	12.22%	0.552%
37	13.602	1741	1747	1752	rVB3	1795457	3591153	18.30%	0.826%
38	13.702	1759	1764	1766	rBV	2256028	3451197	17.59%	0.794%
39	13.855	1780	1790	1797	rBV2	5991632	17795490	90.69%	4.094%
40	14.008	1808	1816	1820	rVV	8694879	19621608	100.00%	4.514%
41	14.060	1820	1825	1829	rVB2	7258566	11137371	56.76%	2.562%
42	14.137	1835	1838	1842	rVB2	1567148	2052643	10.46%	0.472%
43	14.184	1843	1846	1849	rBV3	829139	1241504	6.33%	0.286%
44	14.237	1849	1855	1859	rBV2	4430148	7997426	40.76%	1.840%
45	14.360	1872	1876	1878	rBV3	1022989	1488542	7.59%	0.342%
46	14.395	1879	1882	1892	rVV3	2960408	6151630	31.35%	1.415%
47	14.501	1896	1900	1905	rVB3	1299607	2029989	10.35%	0.467%
48	14.636	1919	1923	1925	rBV2	1423328	2219518	11.31%	0.511%
49	14.719	1933	1937	1940	rBV2	1159770	1953069	9.95%	0.449%
50	14.754	1940	1943	1946	rVV2	1641129	2168947	11.05%	0.499%
51	14.795	1946	1950	1957	rVB	1821509	3064040	15.62%	0.705%
52	14.889	1959	1966	1973	rVB2	4420948	11978614	61.05%	2.756%
53	14.965	1974	1979	1986	rVB3	2221124	3794160	19.34%	0.873%
54	15.077	1990	1998	2004	rVV2	7683512	15951218	81.29%	3.670%
55	15.159	2005	2012	2019	rVB	7477563	12384129	63.11%	2.849%
56	15.294	2029	2035	2040	rBV	6665631	12241263	62.39%	2.816%
57	15.353	2040	2045	2049	rVB	5656249	8172475	41.65%	1.880%
58	15.465	2056	2064	2067	rBV	4615989	10768567	54.88%	2.477%
59	15.500	2067	2070	2076	rVB2	4447875	6082936	31.00%	1.399%
60	15.711	2103	2106	2110	rVB2	2702699	3487893	17.78%	0.802%
61	15.770	2111	2116	2119	rBV3	1824686	2999935	15.29%	0.690%
62	15.888	2132	2136	2139	rBV2	2749965	4012857	20.45%	0.923%
63	15.929	2140	2143	2150	rVB	3590624	5835859	29.74%	1.343%
64	15.999	2151	2155	2158	rBV3	1736328	3091012	15.75%	0.711%
65	16.035	2159	2161	2165	rVB	2963606	3266841	16.65%	0.752%
66	16.087	2166	2170	2174	rBV4	1188511	2392277	12.19%	0.550%
67	16.134	2174	2178	2181	rVB	1506292	1795334	9.15%	0.413%
68	16.170	2181	2184	2190	rBV2	1852136	2866680	14.61%	0.660%
69	16.234	2191	2195	2198	rBV	2203983	2892585	14.74%	0.665%
70	16.399	2218	2223	2234	rVB2	8965329	16517974	84.18%	3.800%
71	16.534	2241	2246	2250	rBV2	3792508	6546398	33.36%	1.506%

LSC Area Percent Report

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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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	16.575	2250	2253	2255	rVV	1019193	1161712	5.92%	0.267%
73	16.787	2286	2289	2293	rVB2	3682250	5083946	25.91%	1.170%
74	17.080	2335	2339	2344	rBV3	2293388	3480673	17.74%	0.801%
75	17.221	2360	2363	2365	rBV	1390901	1561758	7.96%	0.359%
76	17.480	2401	2407	2411	rBV	6448821	10921535	55.66%	2.513%
77	17.521	2411	2414	2418	rVB2	1382097	1916088	9.77%	0.441%
78	17.827	2462	2466	2472	rBV5	2493710	4639821	23.65%	1.067%
79	18.009	2494	2497	2505	rVB	2871471	4939466	25.17%	1.136%
80	18.308	2543	2548	2552	rBV	5735909	9597582	48.91%	2.208%
81	18.361	2552	2557	2562	rVB	7120478	12312103	62.75%	2.832%
82	18.496	2575	2580	2584	rBV2	4821566	7951612	40.52%	1.829%
83	18.543	2585	2588	2592	rVB	4437977	5504775	28.05%	1.266%
84	18.590	2594	2596	2600	rBV2	849838	1012981	5.16%	0.233%
85	18.696	2610	2614	2619	rVB2	2421346	3490769	17.79%	0.803%
86	18.796	2628	2631	2638	rBV3	1553370	3433131	17.50%	0.790%
87	19.019	2666	2669	2670	rBV2	1223900	1518916	7.74%	0.349%
88	19.043	2671	2673	2677	rVV	3118648	3864971	19.70%	0.889%
89	19.102	2679	2683	2686	rVV	3063878	4400802	22.43%	1.012%
90	19.137	2687	2689	2693	rVB	1985630	2126659	10.84%	0.489%
91	19.225	2699	2704	2708	rBV	7365233	12517039	63.79%	2.880%
92	19.313	2717	2719	2722	rVB	2420824	2550885	13.00%	0.587%
93	19.360	2723	2727	2732	rBV2	1796068	3928200	20.02%	0.904%
94	19.472	2743	2746	2749	rBV3	1714071	2503799	12.76%	0.576%
95	19.754	2791	2794	2798	rVB2	1906749	2441733	12.44%	0.562%
96	19.848	2807	2810	2817	rVB2	5856268	9120048	46.48%	2.098%
97	19.918	2818	2822	2827	rVB	3736629	5966526	30.41%	1.373%
98	20.494	2917	2920	2924	rVB	2459223	2910590	14.83%	0.670%
99	20.635	2941	2944	2948	rBV	3207070	4285864	21.84%	0.986%
100	20.682	2949	2952	2955	rBV	2399339	3067434	15.63%	0.706%

Sum of corrected areas: 434672687

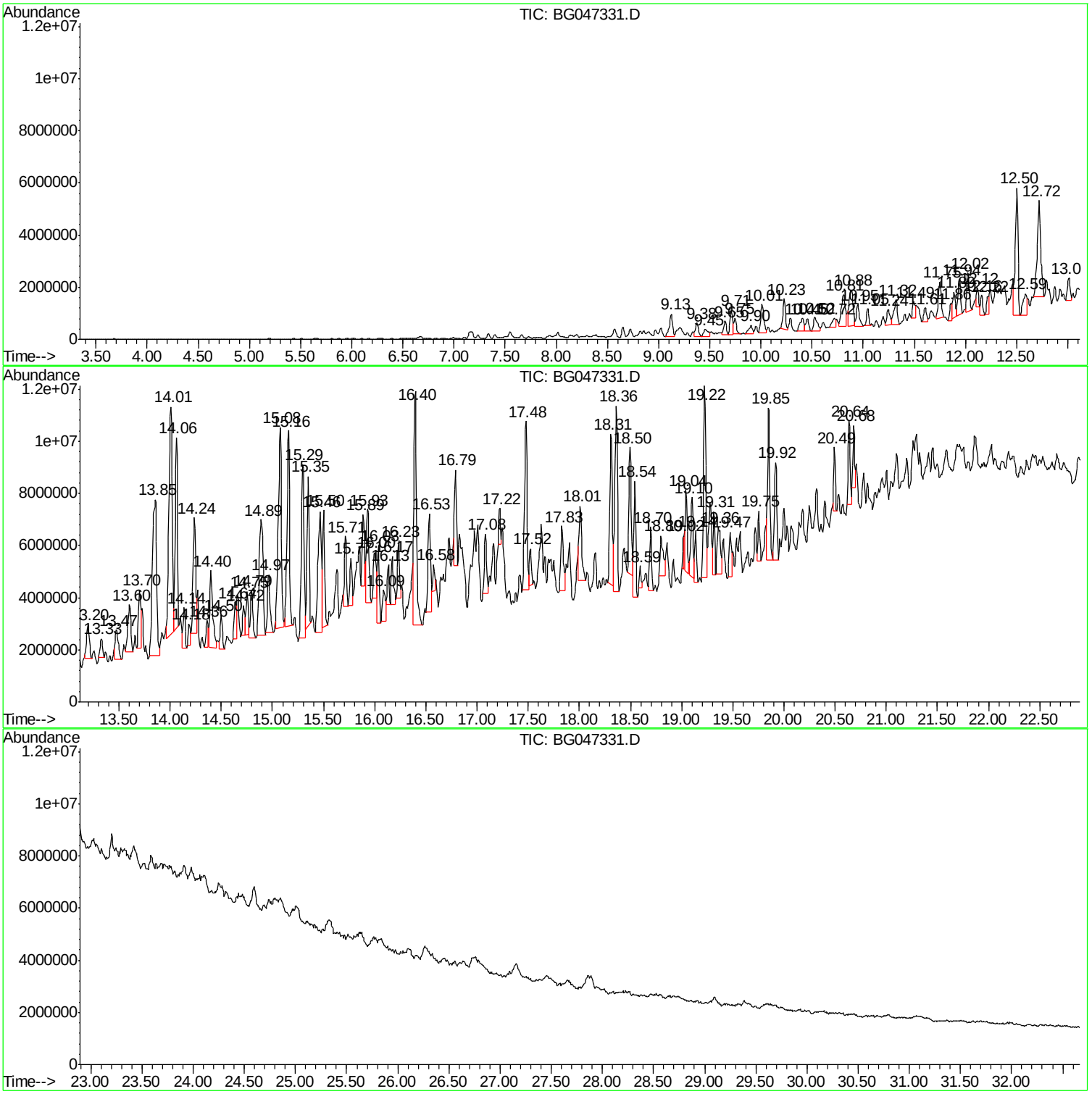
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC2

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 : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

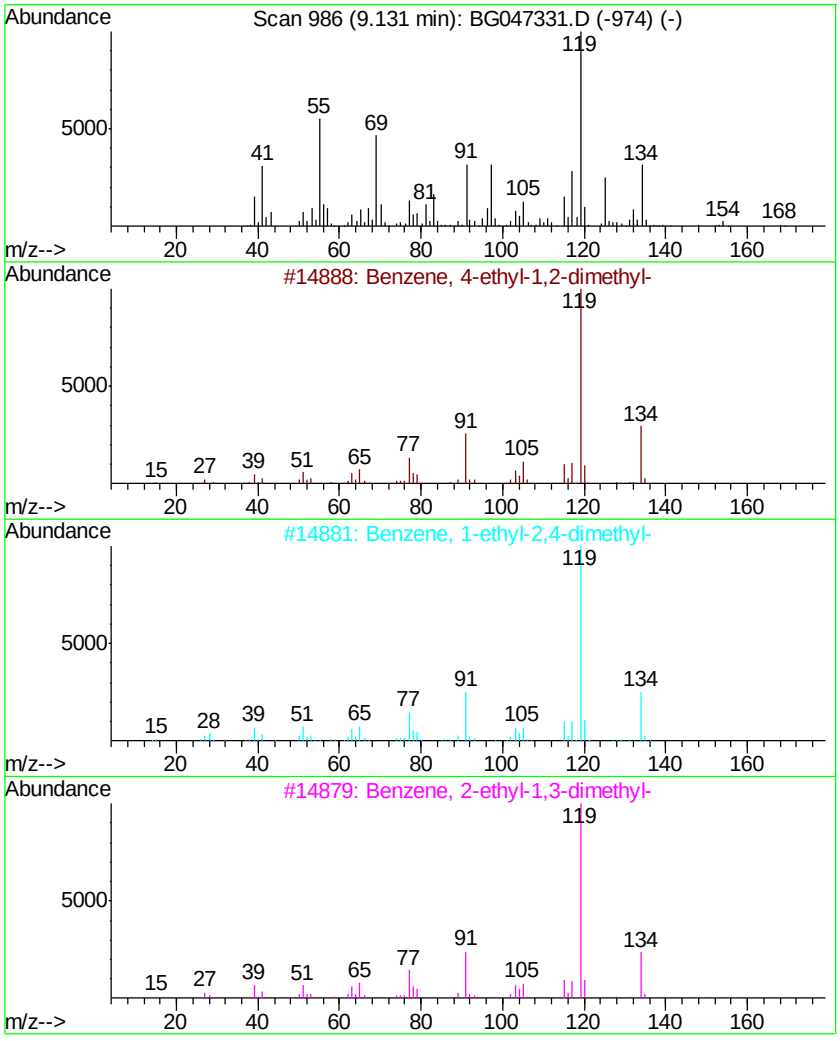
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

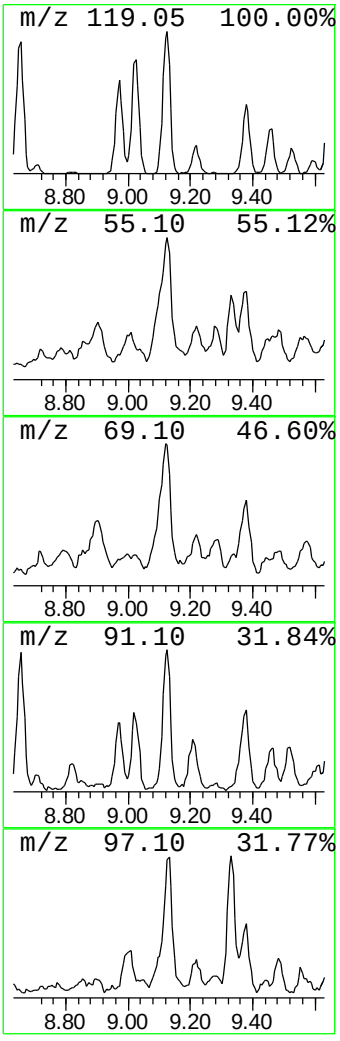
****

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	20.00 ng/ul	1868450	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4	p-Cymene	134	C10H14	000099-87-6	70
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

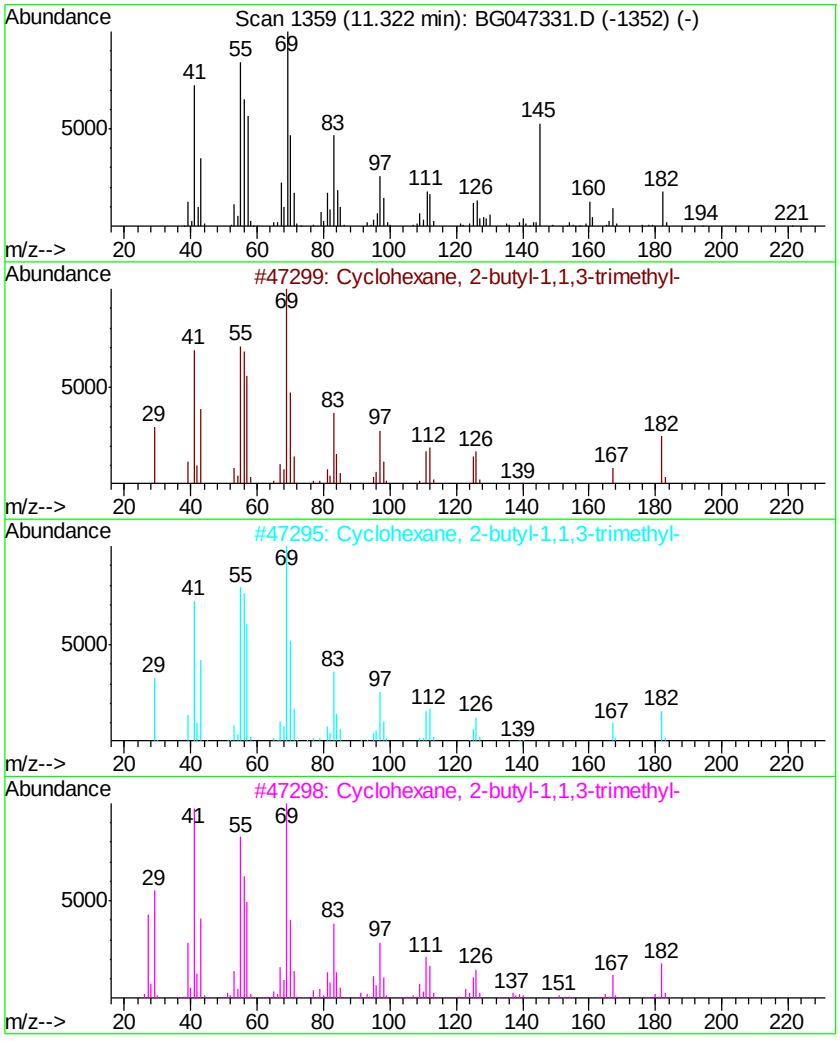
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

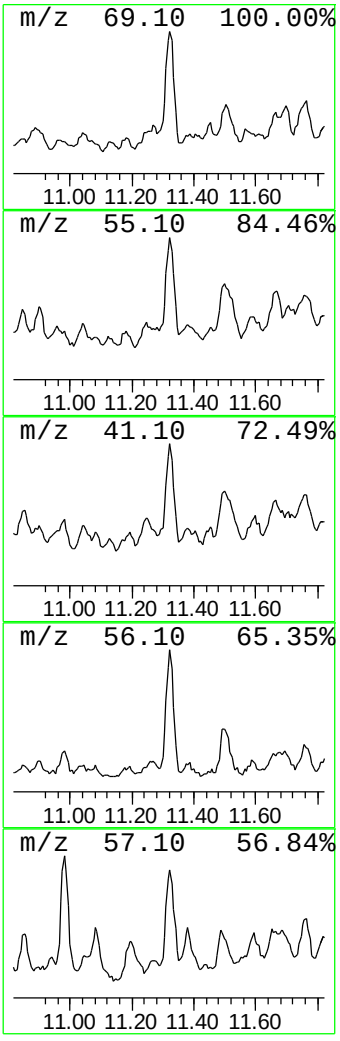
****

Peak Number 12 (DEL) Alkane: Cyclic11.32 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	13.20 ng/ul	2140390	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	97
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	62
5	6-Tridecene	182	C13H26	024949-38-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

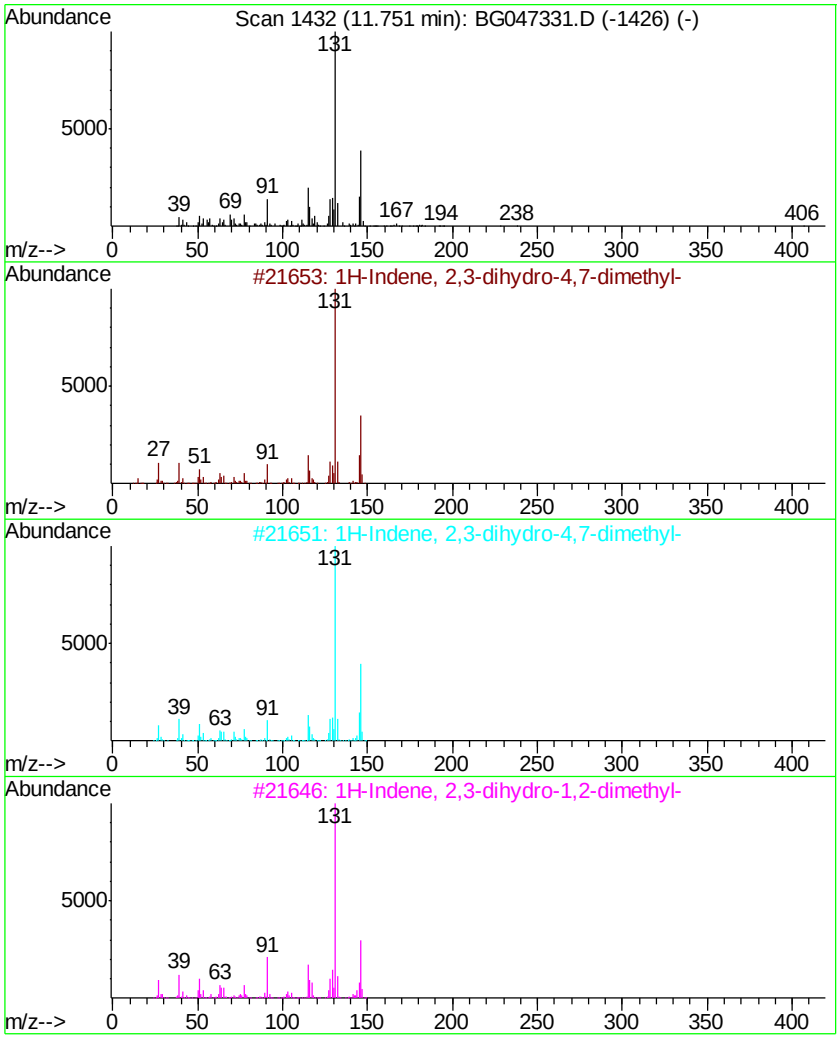
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

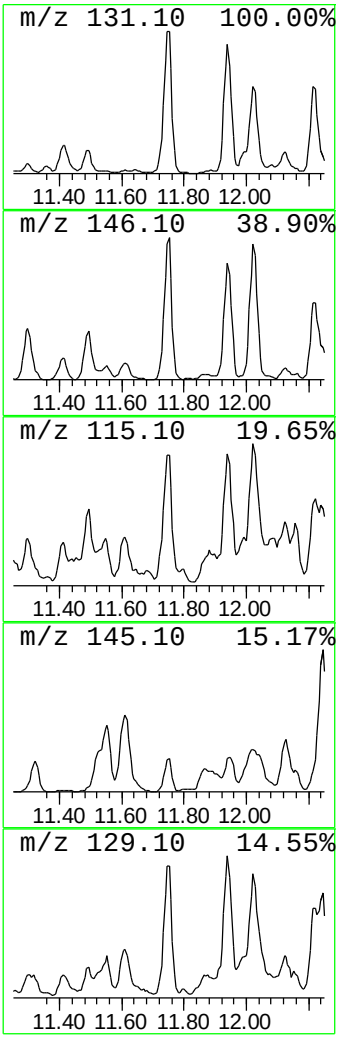
****

Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	16.84 ng/ul	2730770	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	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

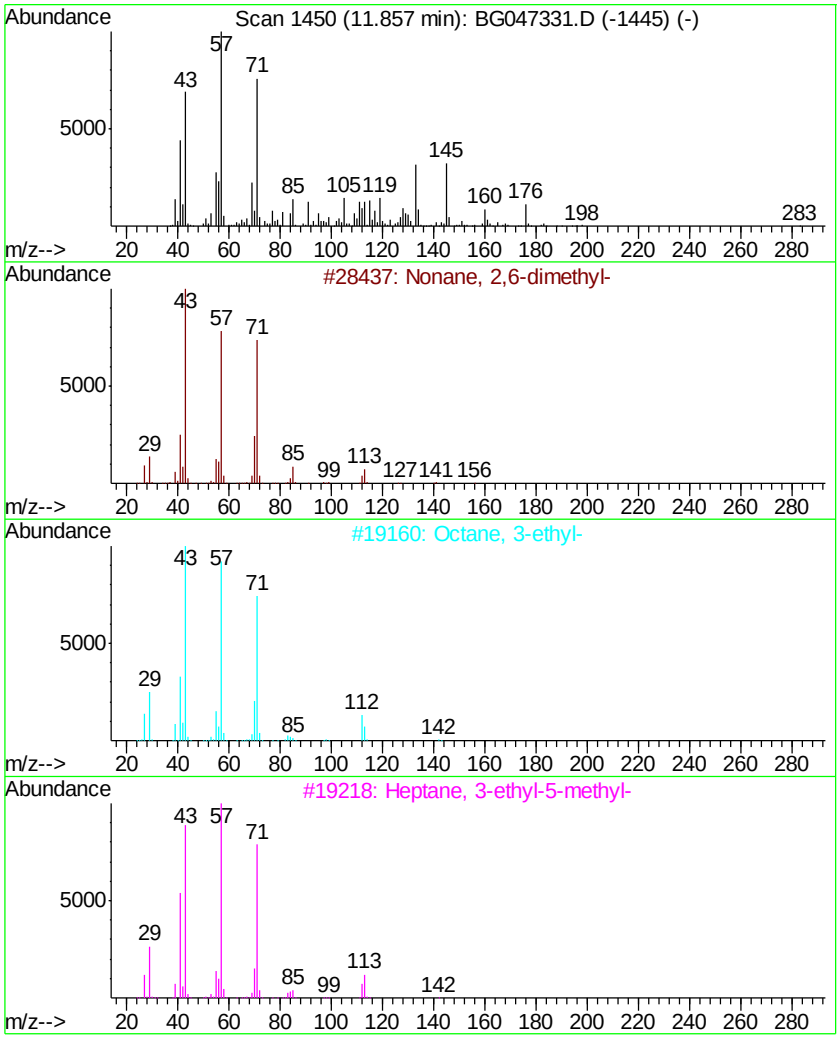
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

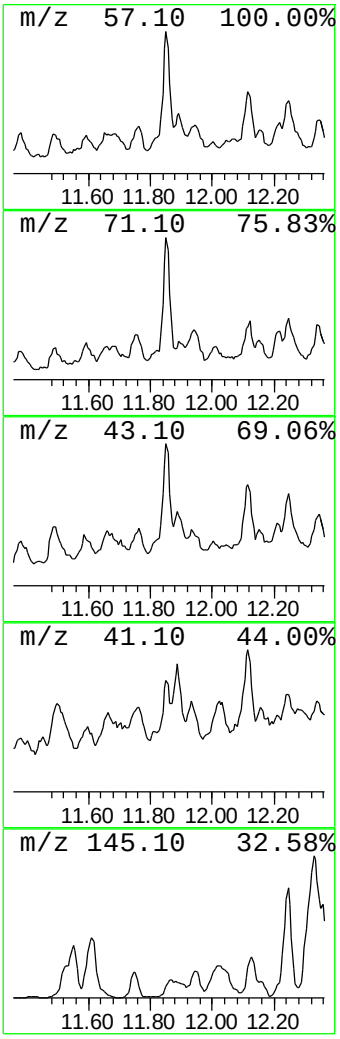
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.52 ng/ul	895785	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	46
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	43
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	43
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

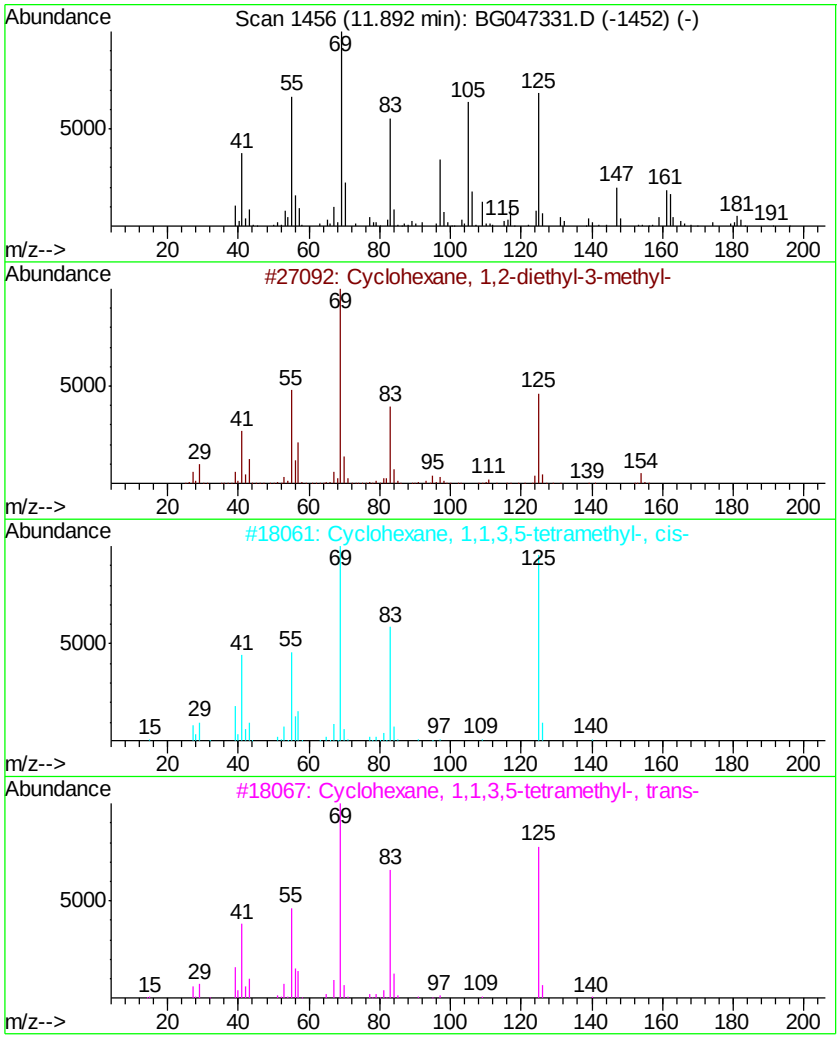
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

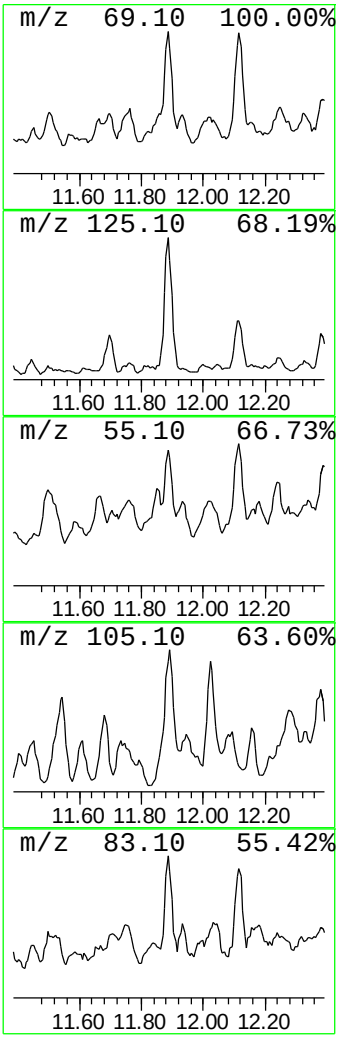
****

Peak Number 17 (DEL) Alkane: Cyclic11.89 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	10.04 ng/ul	1628830	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	58
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	58
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	50
5	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	50





Library Search Compound Report

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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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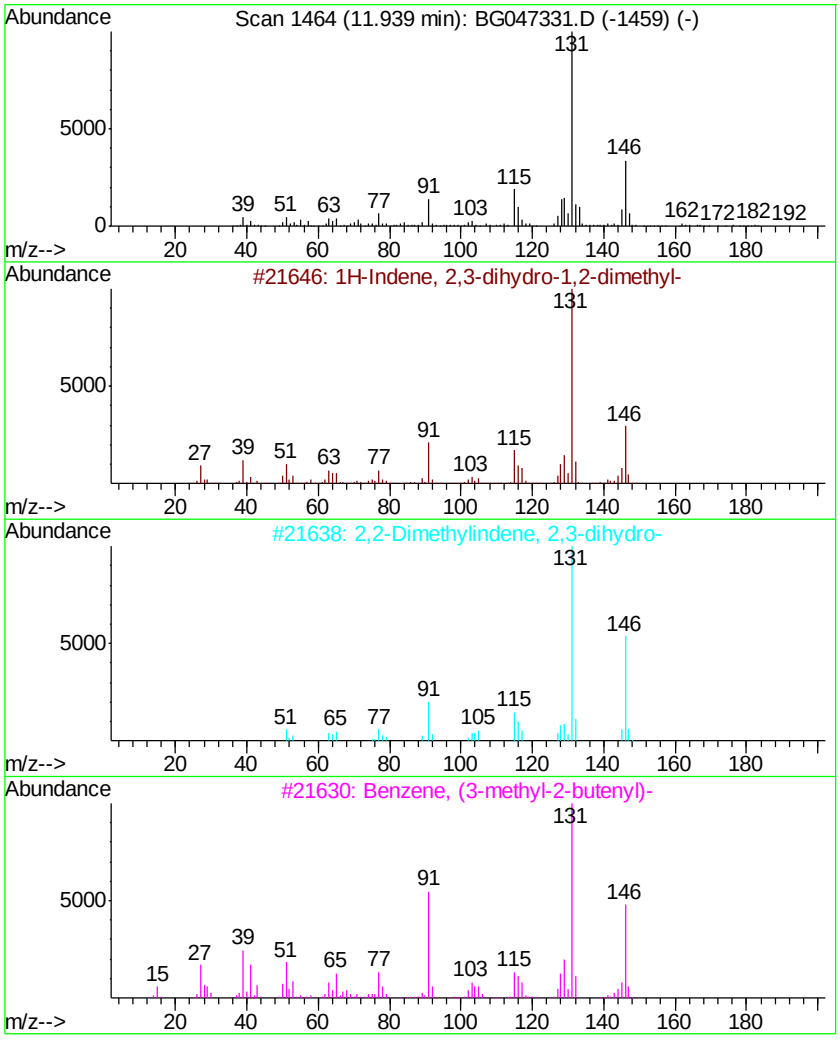
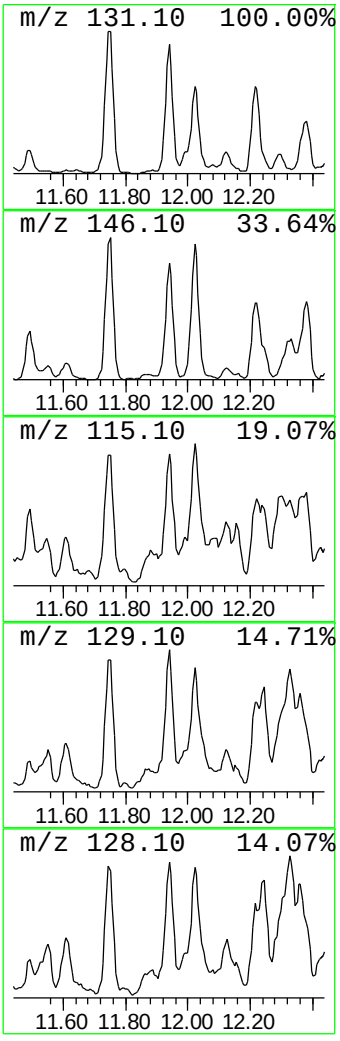
Peak Number 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	14.97 ng/ul	2426880	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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Quant Title : SVOA CALIBRATION

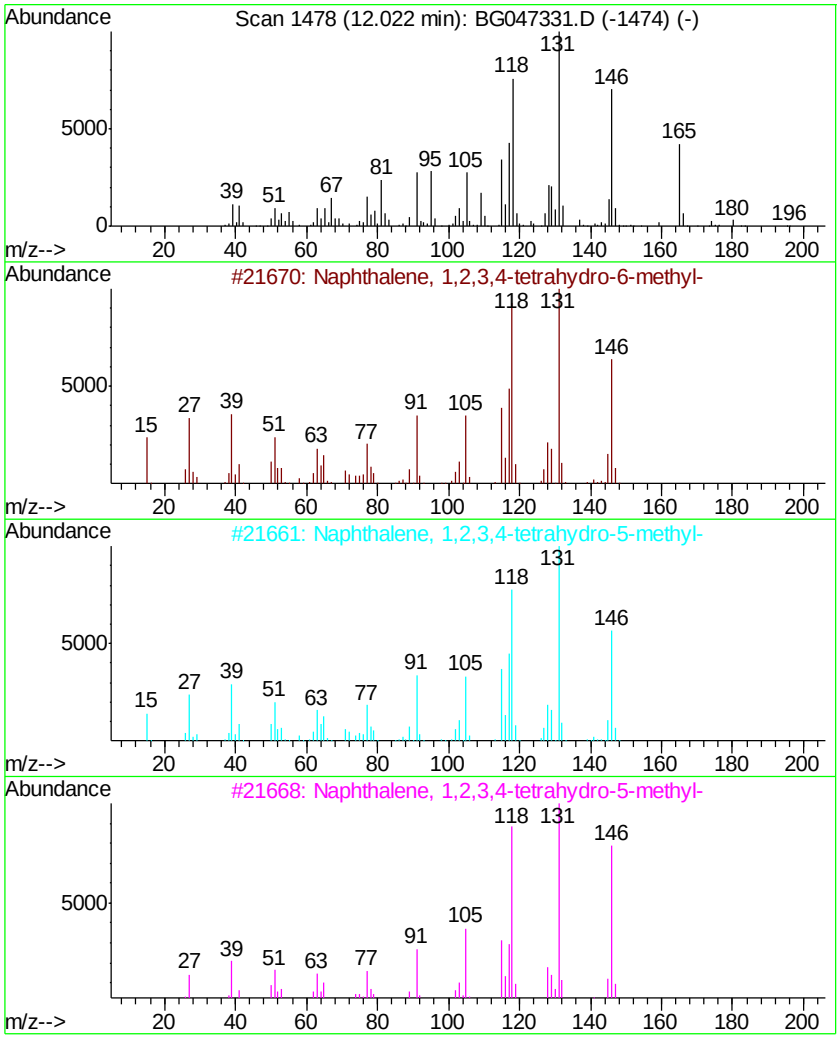
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

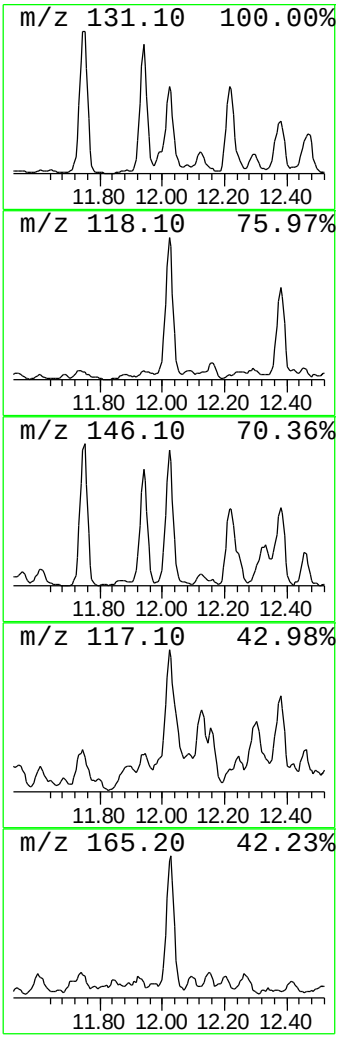
****

Peak Number 19 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	16.05 ng/ul	2603300	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93





Library Search Compound Report

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Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

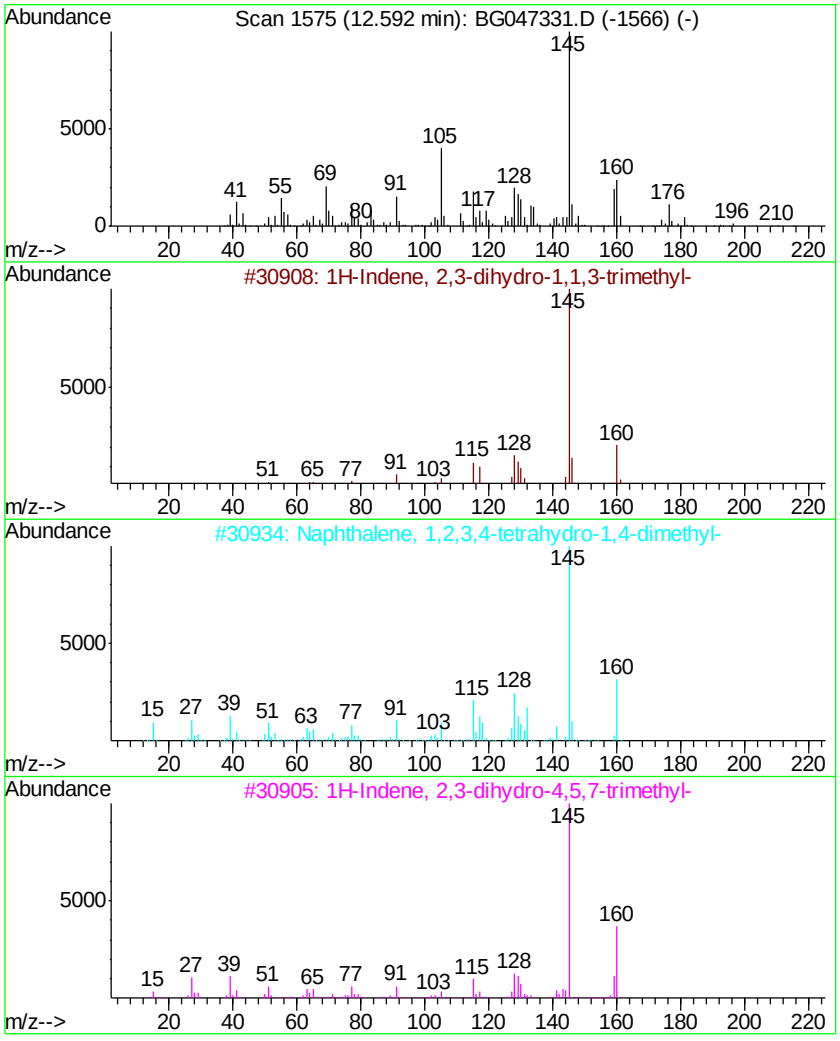
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

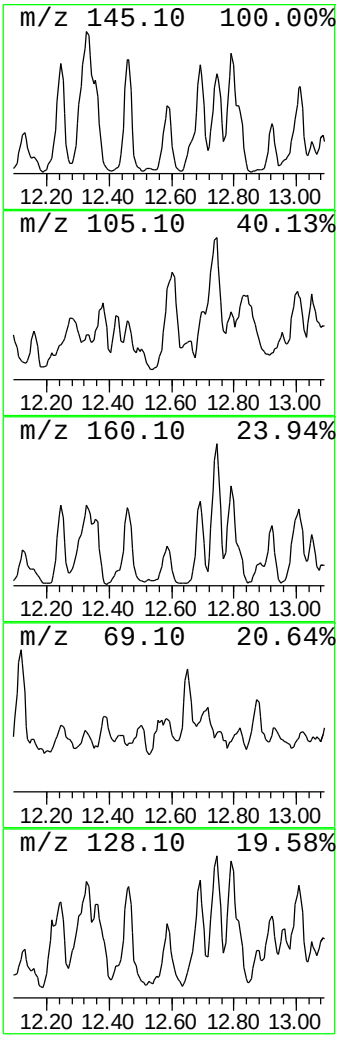
****

Peak Number 23 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	13.38 ng/ul	2169160	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	70
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64





Library Search Compound Report

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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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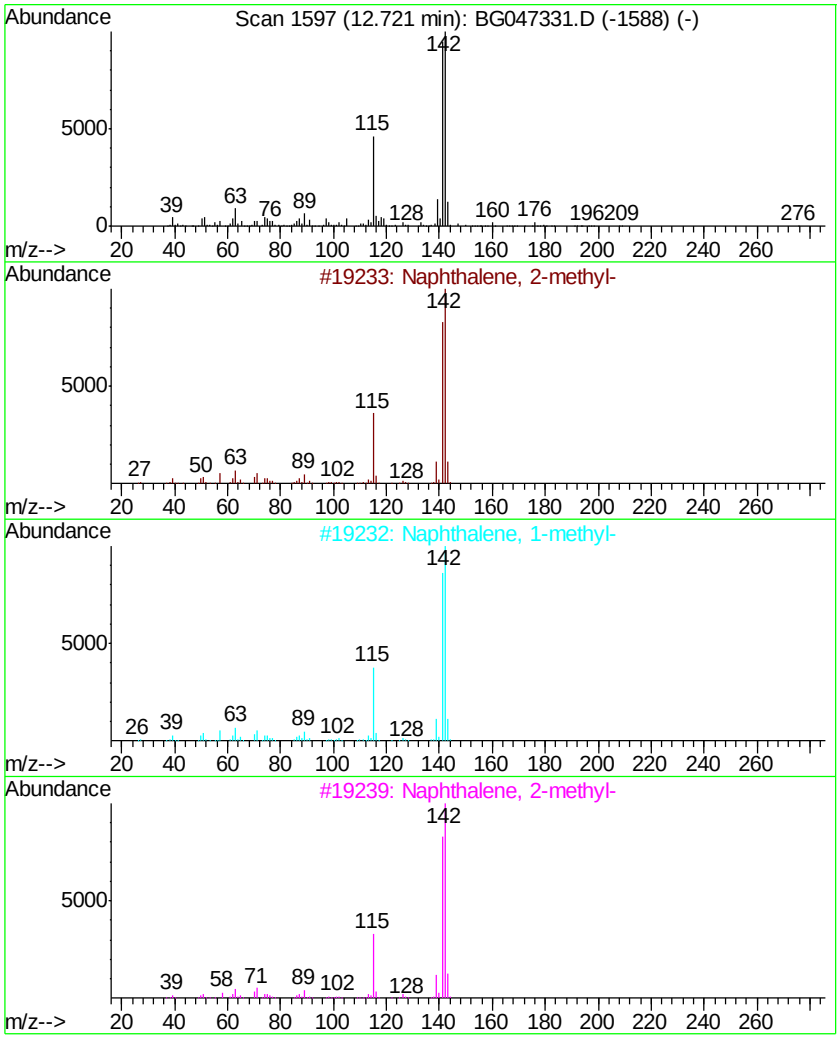
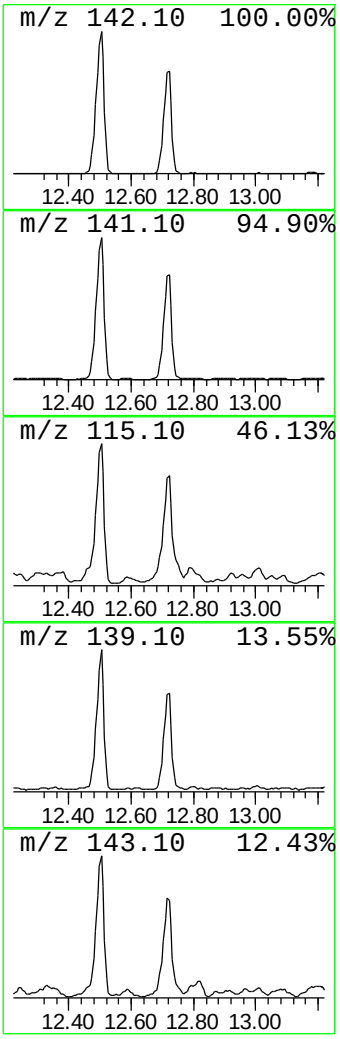
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	54.06 ng/ul	8765480	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





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Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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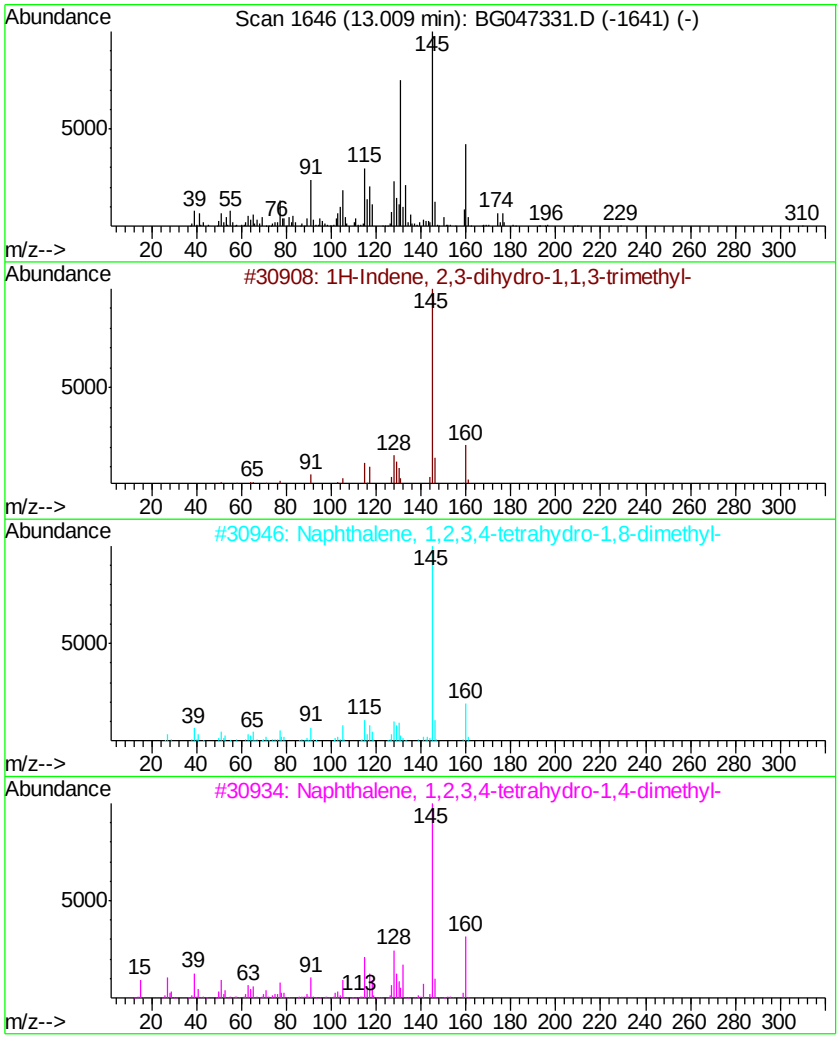
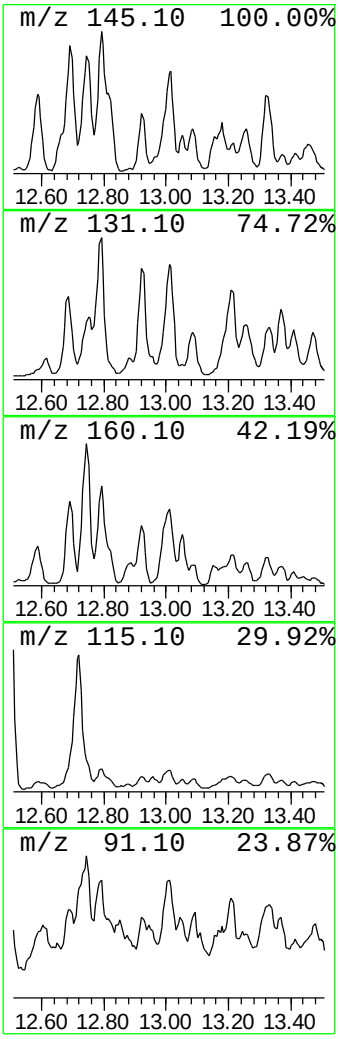
Peak Number 25 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	15.04 ng/ul	1669490	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	78
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	64
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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Quant Title : SVOA CALIBRATION

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

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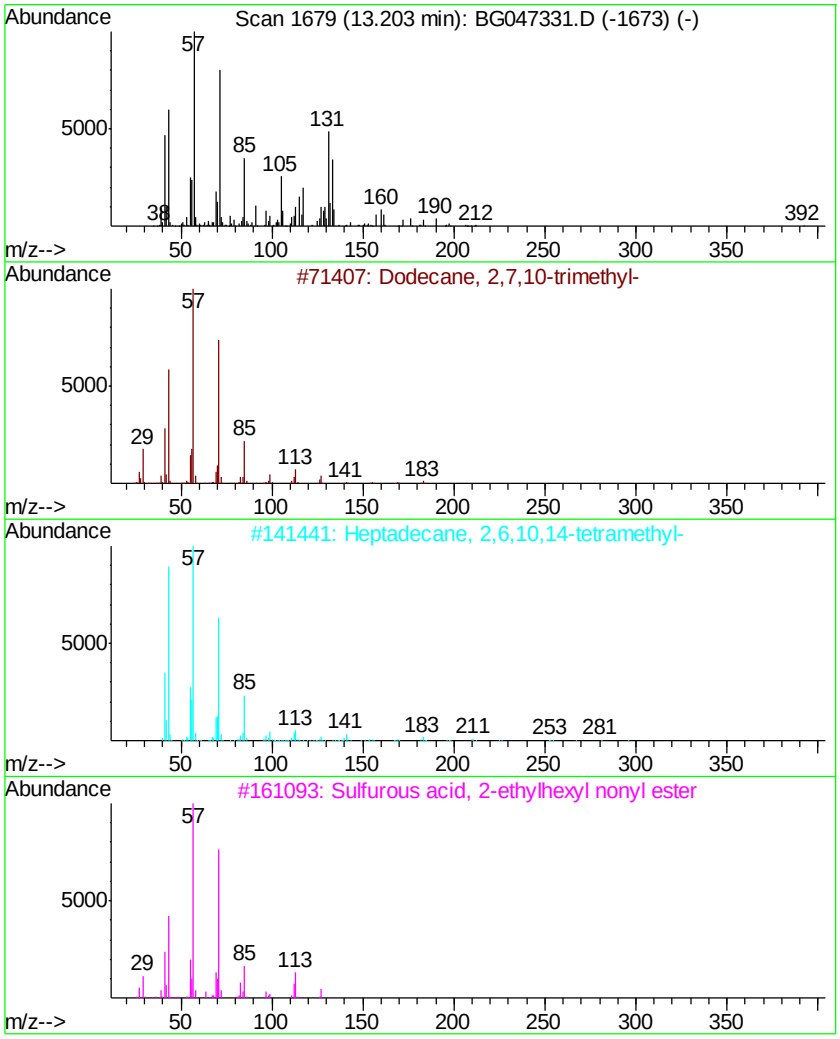
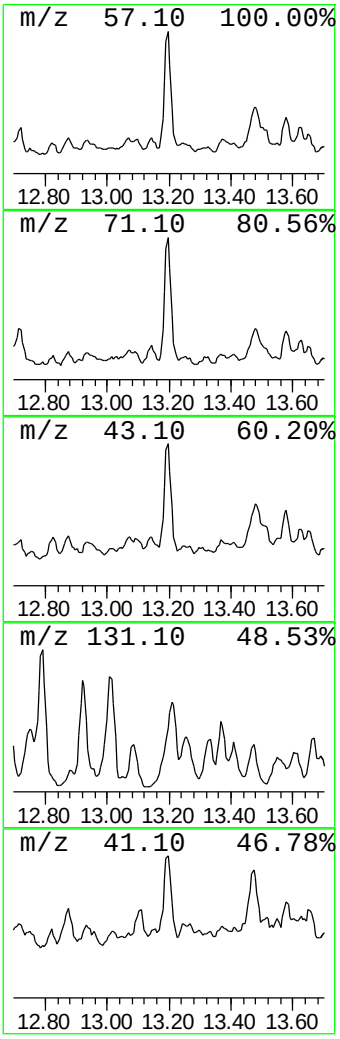
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	22.02 ng/ul	2443400	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	49
4	Decane, 5-propyl-	184	C13H28	017312-62-8	49
5	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	47





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Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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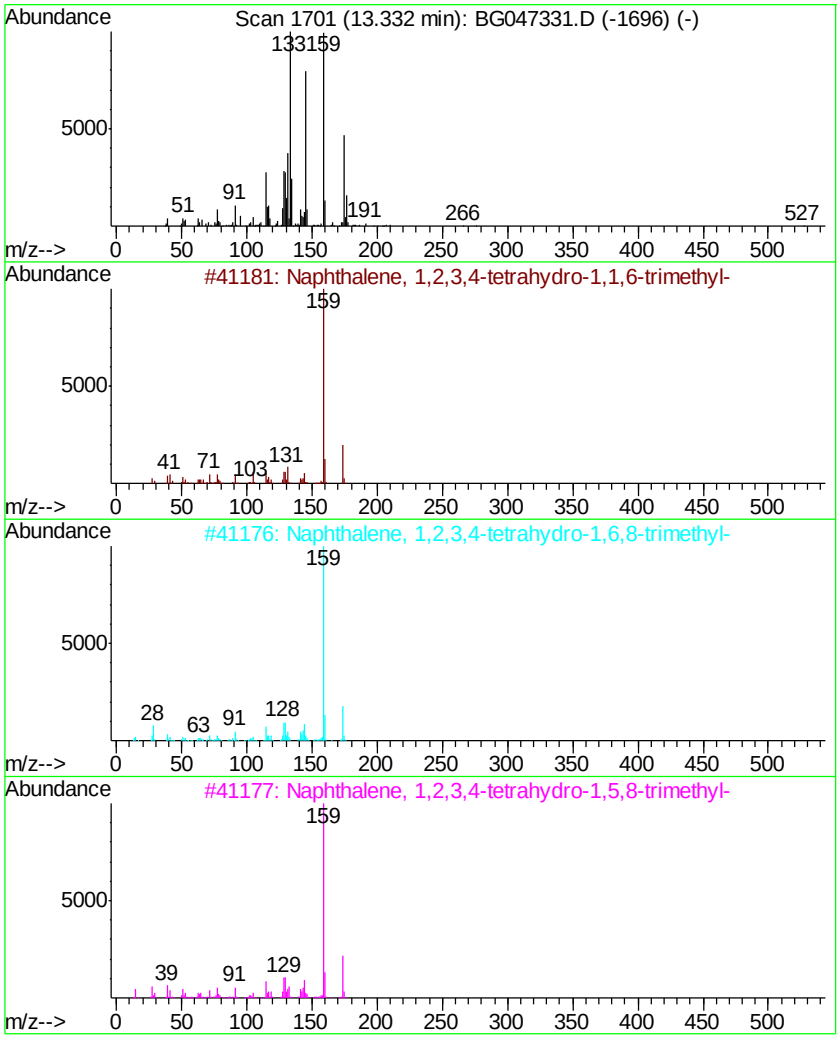
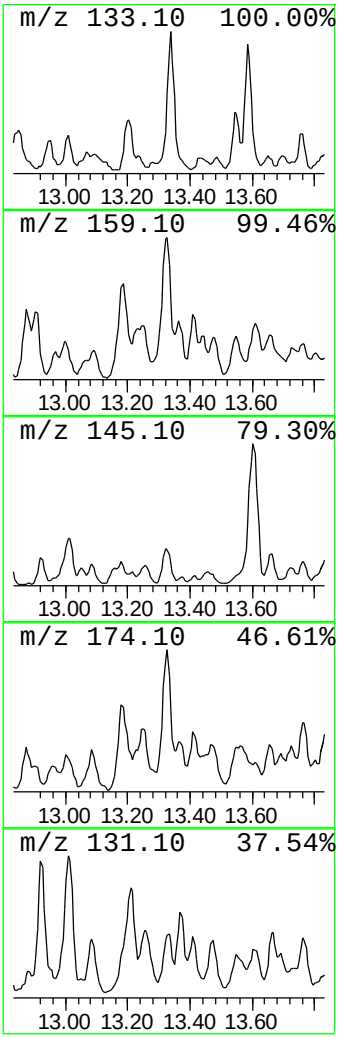
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	10.41 ng/ul	1155270	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	64
4	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	60
5	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	60





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Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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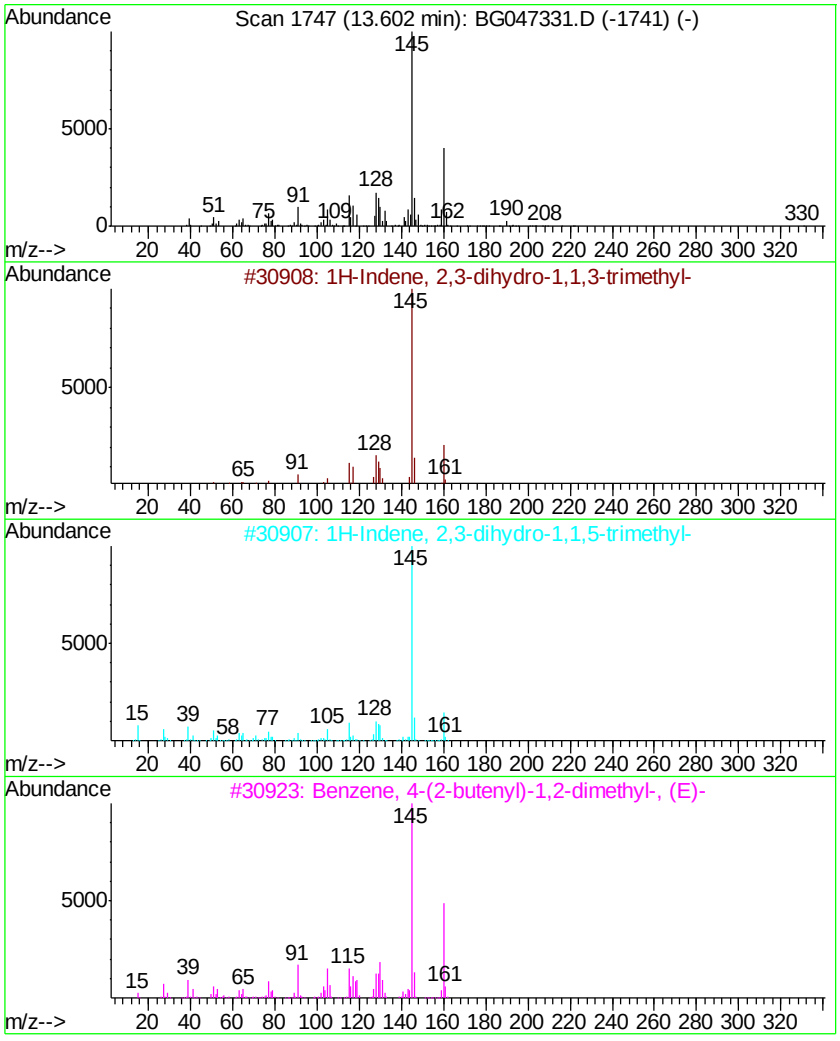
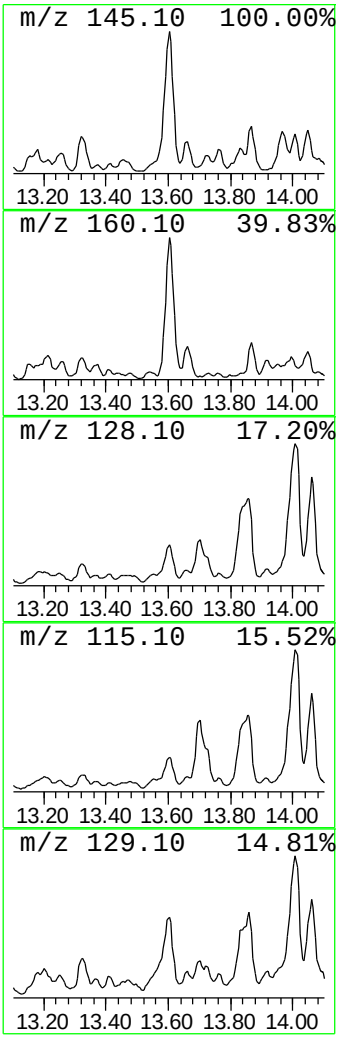
Peak Number 28 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	32.36 ng/ul	3591150	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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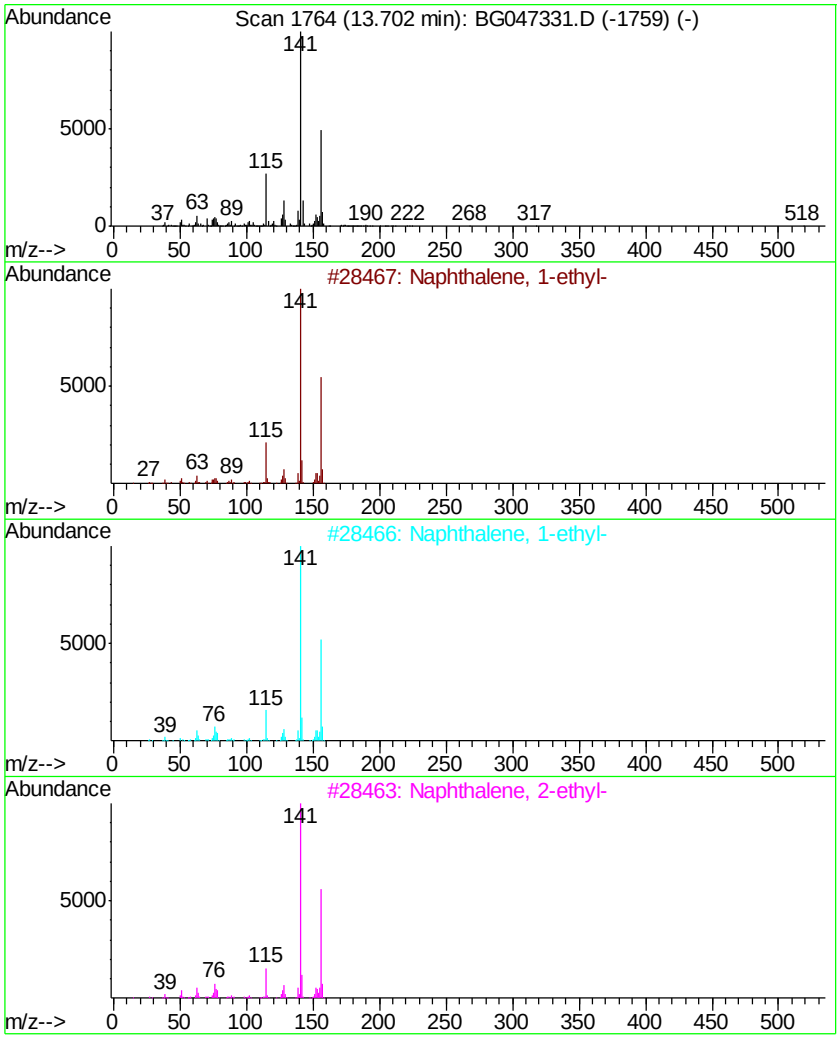
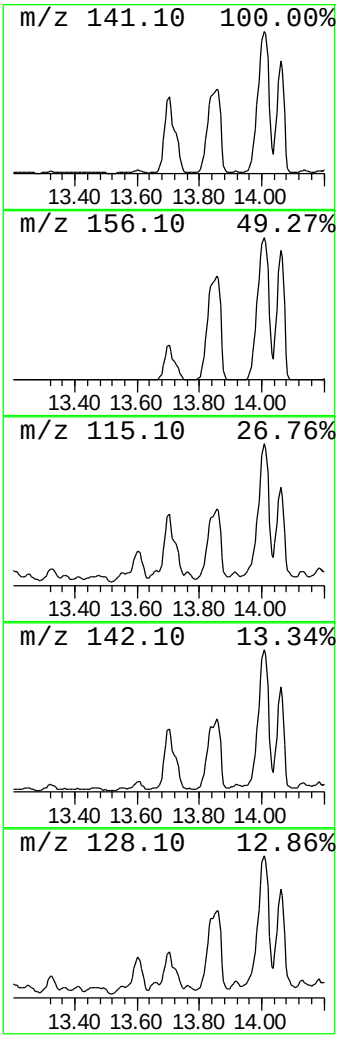
Peak Number 29 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	31.10 ng/ul	3451200	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Library Search Compound Report

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ClientSampleId : C0AC2

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Quant Title : SVOA CALIBRATION

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

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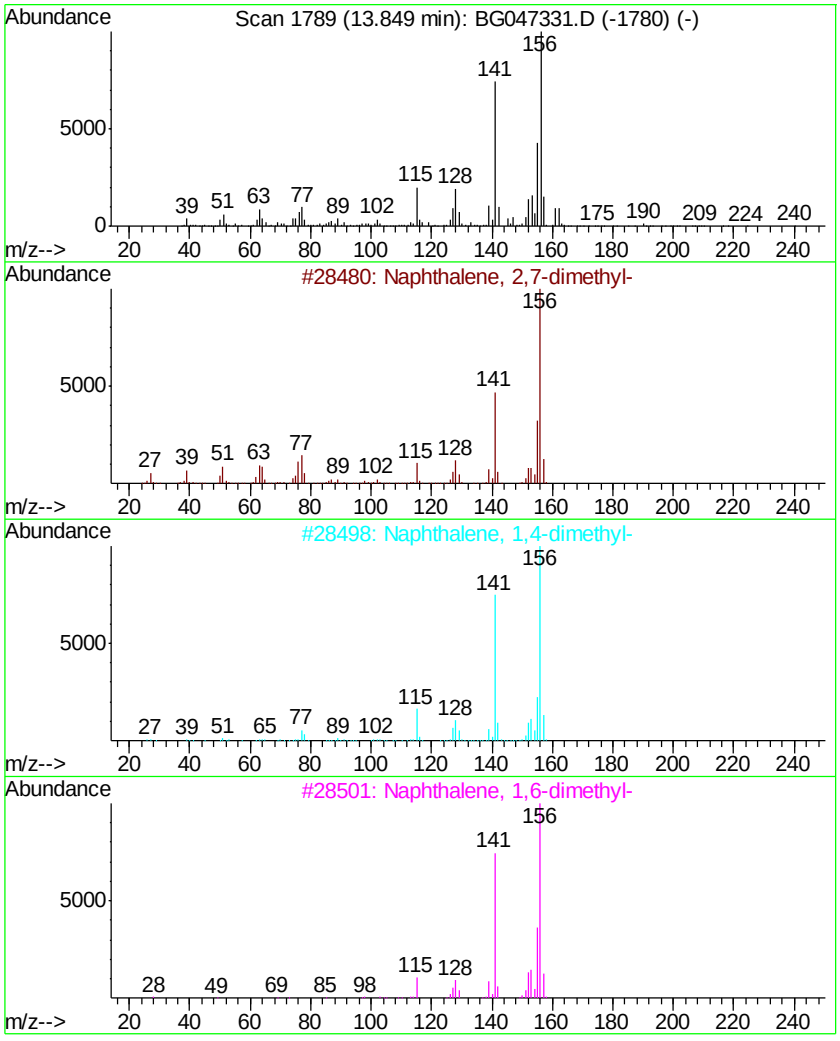
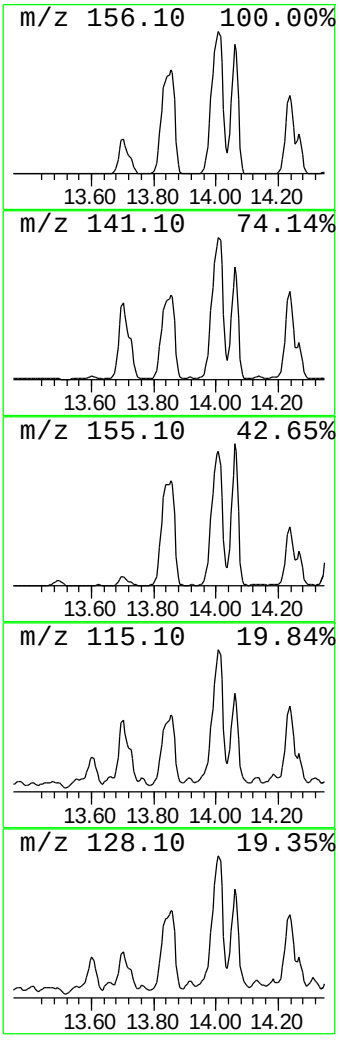
Peak Number 30 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	160.36 ng/ul	17795500	Acenaphthene-d10	14.67

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





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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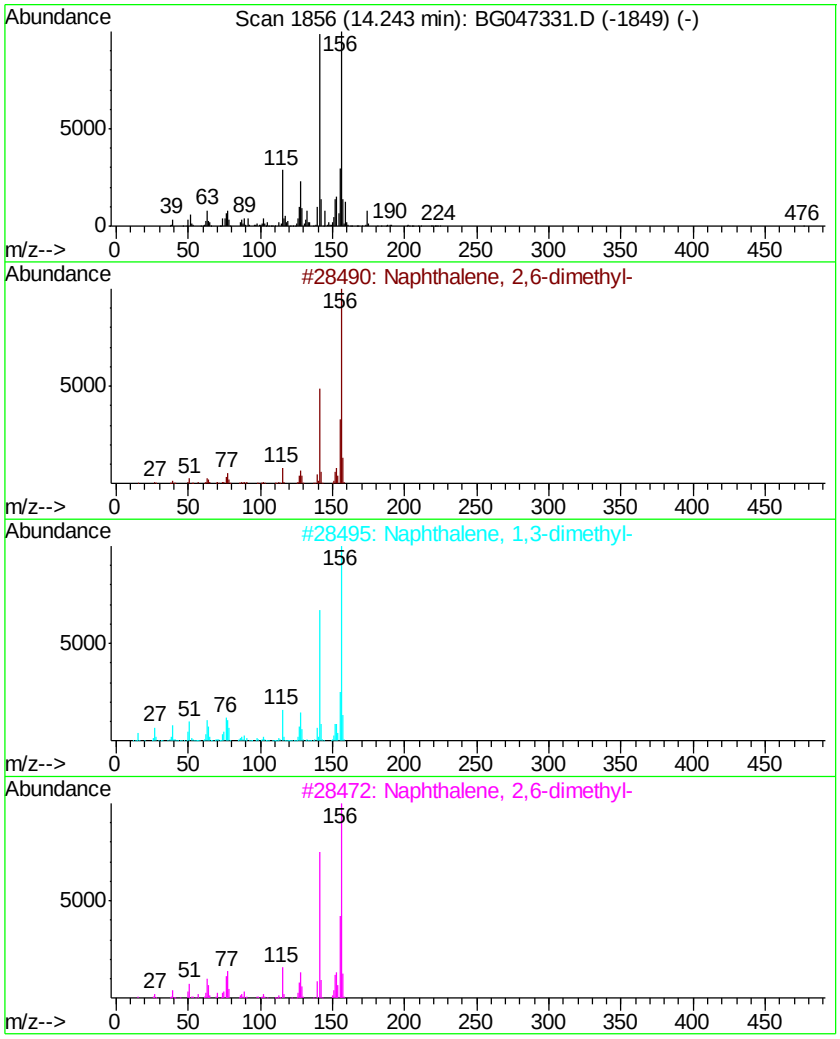
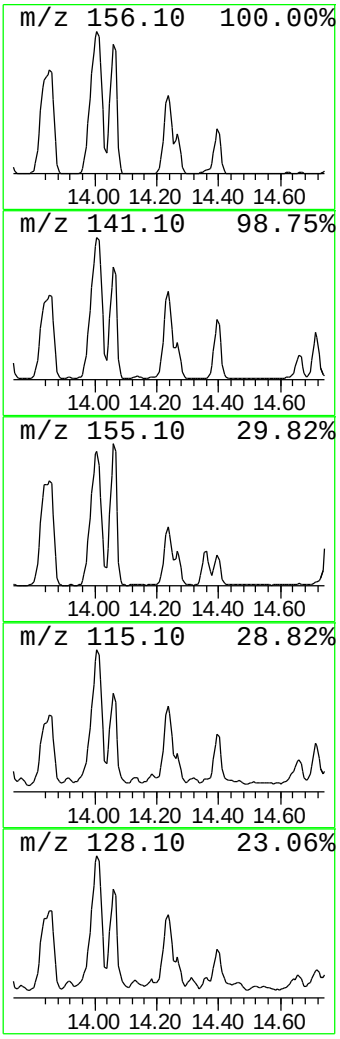
Peak Number 33 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	72.06 ng/ul	7997430	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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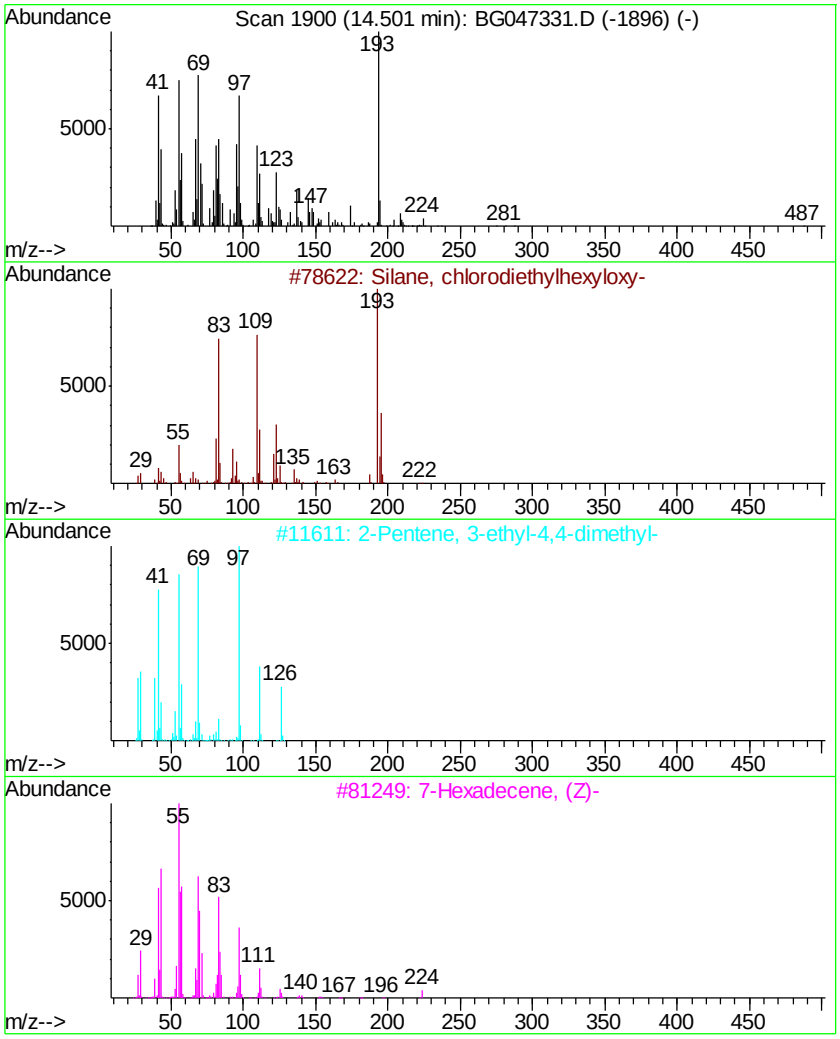
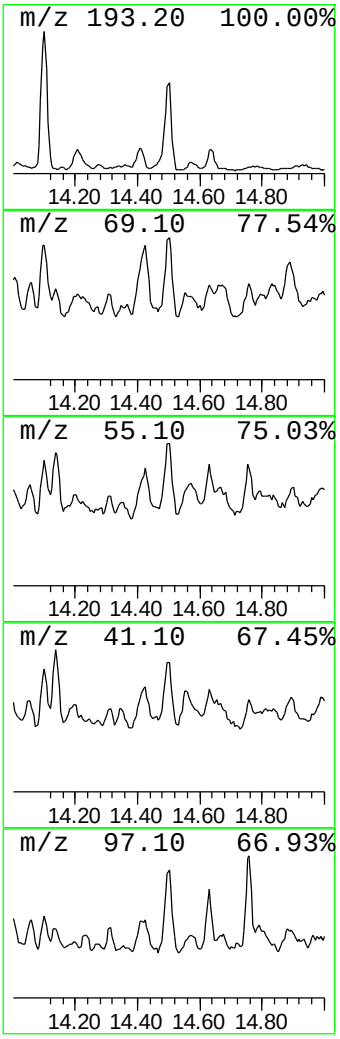
Peak Number 34 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	18.29 ng/ul	2029990	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	30
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	25
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	25
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
5	Cyclohexadecane	224	C16H32	000295-65-8	25





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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

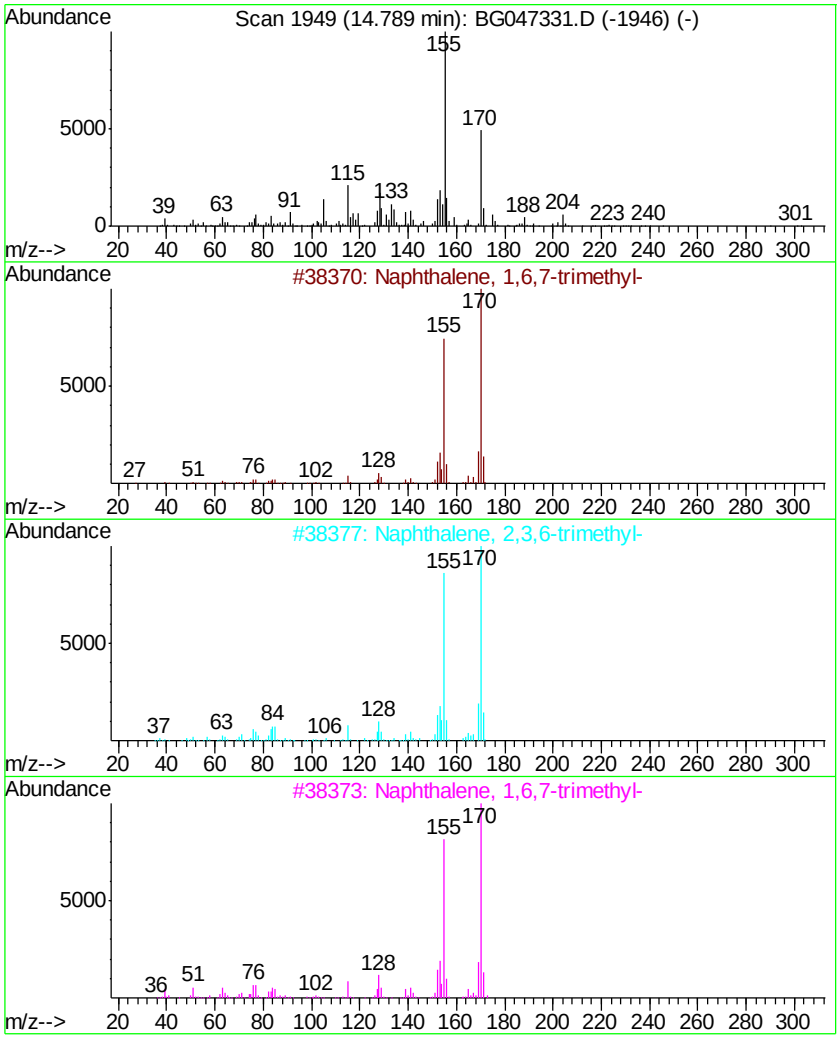
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

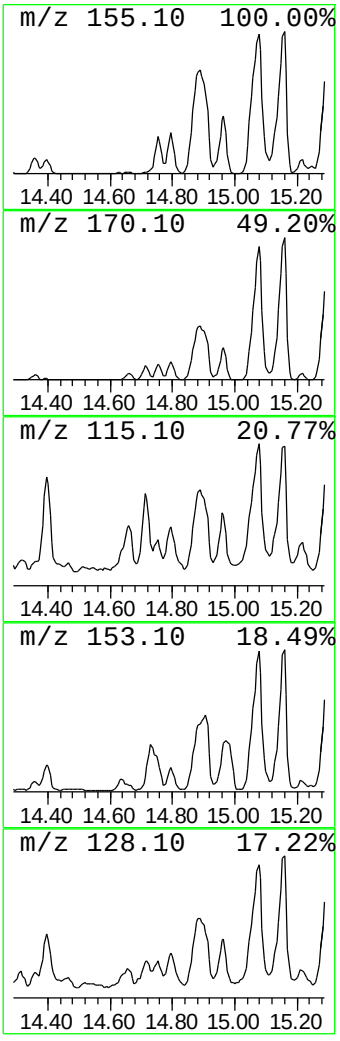
****

Peak Number 35 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	27.61 ng/ul	3064040	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92





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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

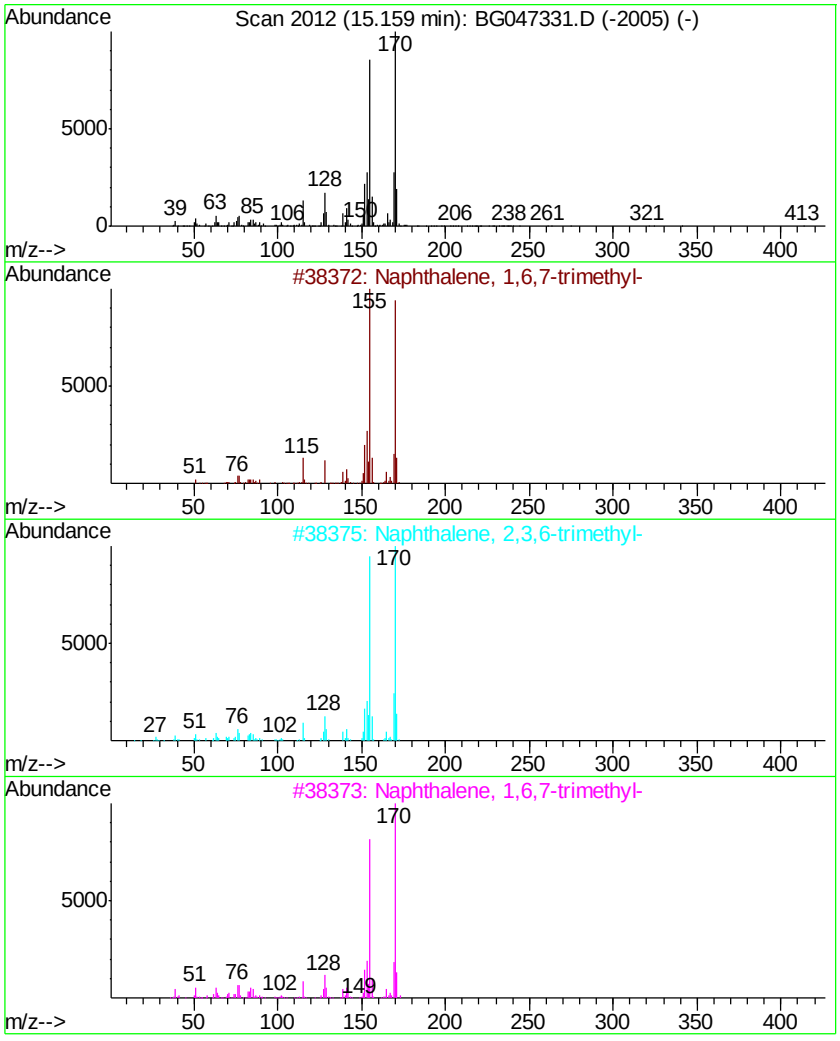
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

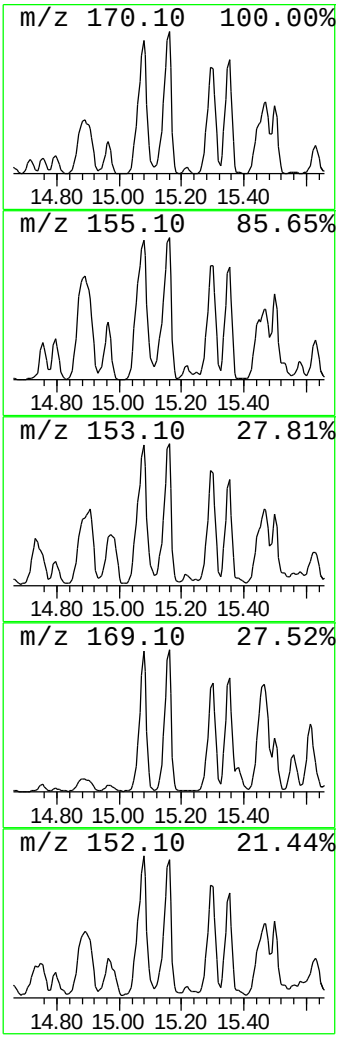
****

Peak Number 37 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	111.59 ng/ul	12384100	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Library Search Compound Report

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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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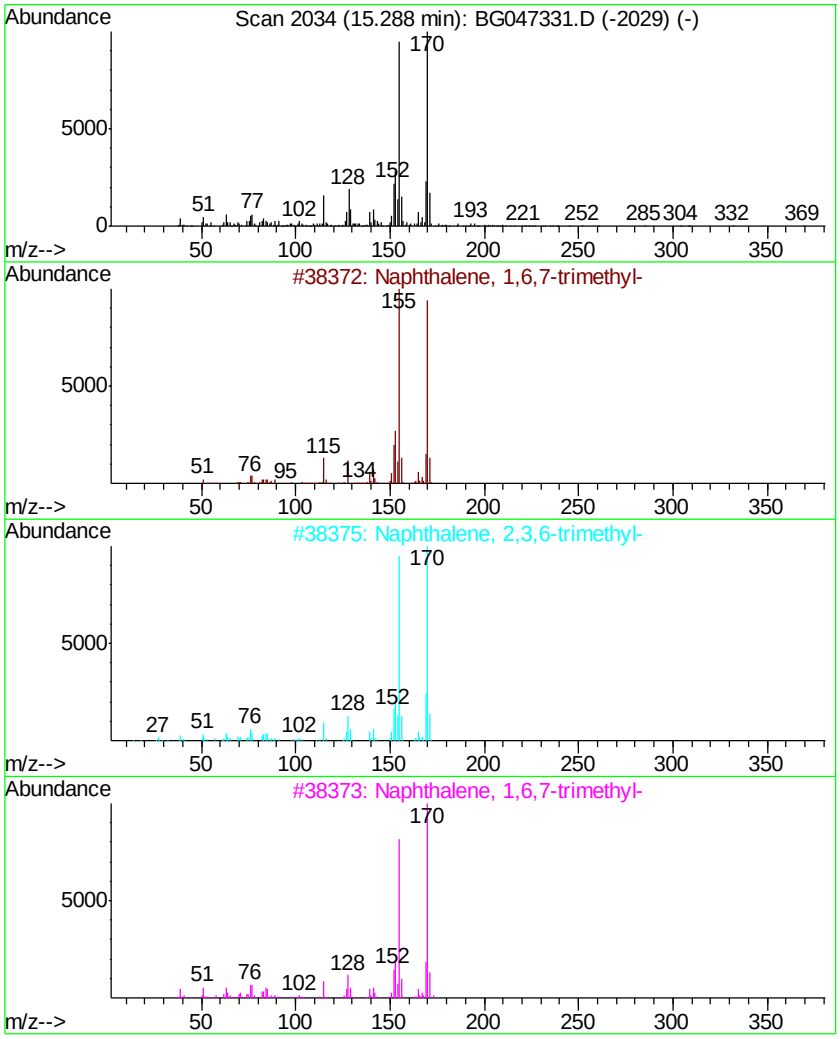
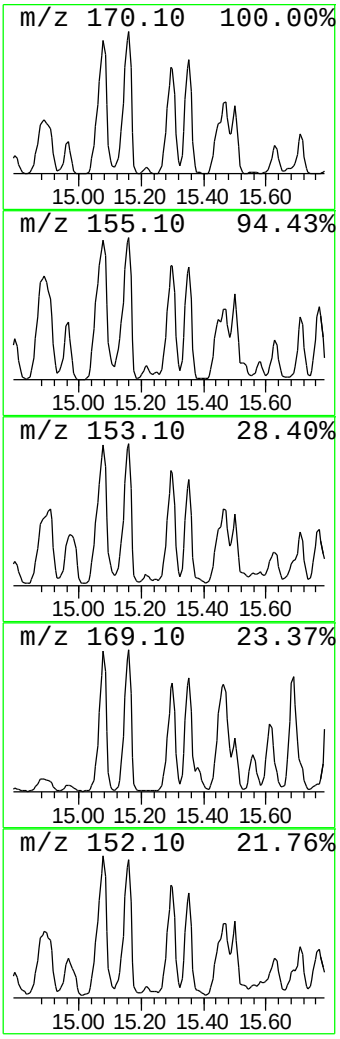
Peak Number 38 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	110.31 ng/ul	12241300	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Library Search Compound Report

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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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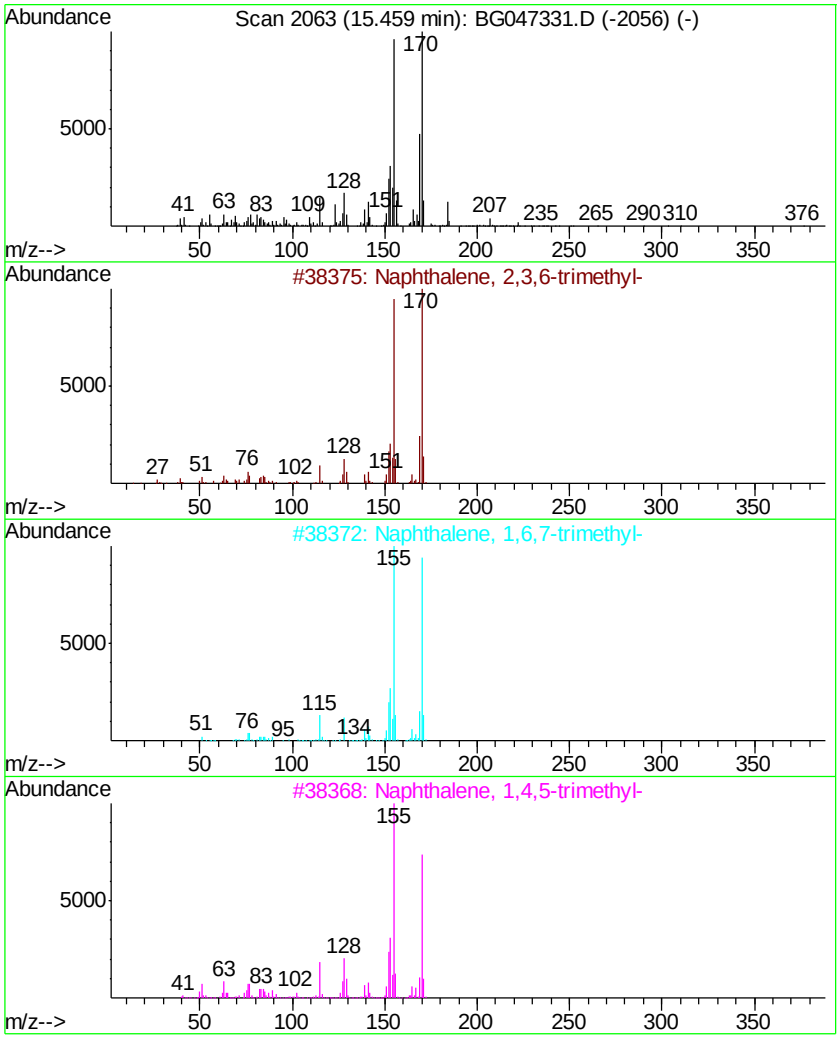
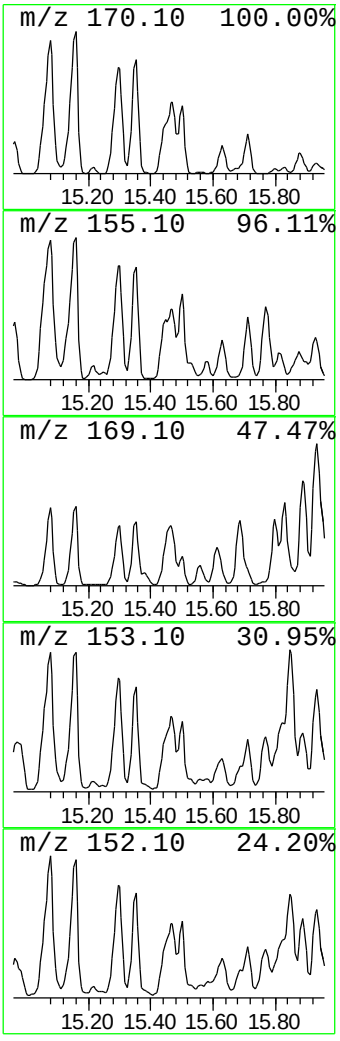
Peak Number 40 Naphthalene, 1,4,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	97.04 ng/ul	10768600	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	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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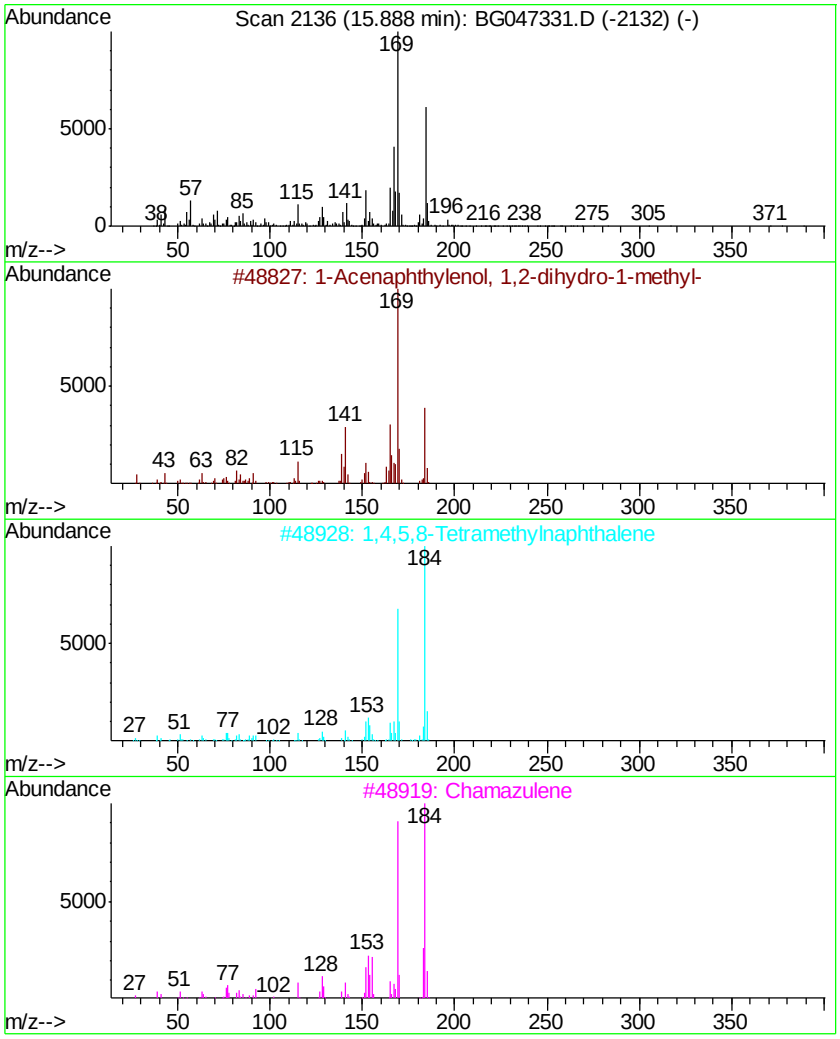
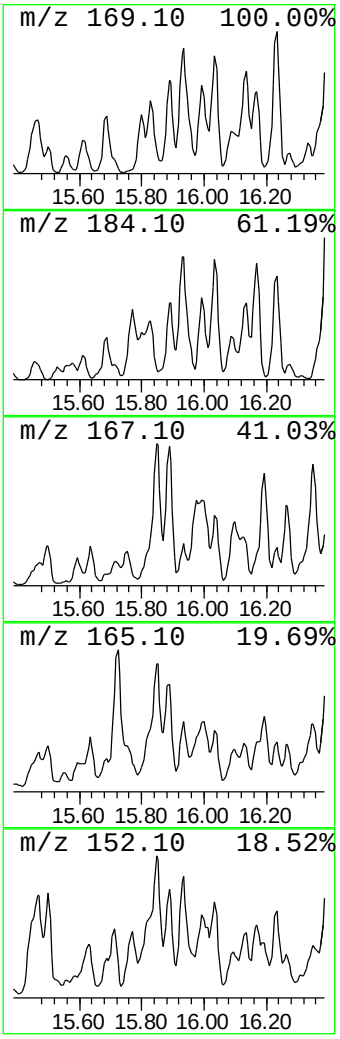
Peak Number 42 1-Acenaphthylenol, 1,2-dihy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	36.16 ng/ul	4012860	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	89
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	68
3	Chamazulene	184	C14H16	000529-05-5	64
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	62
5	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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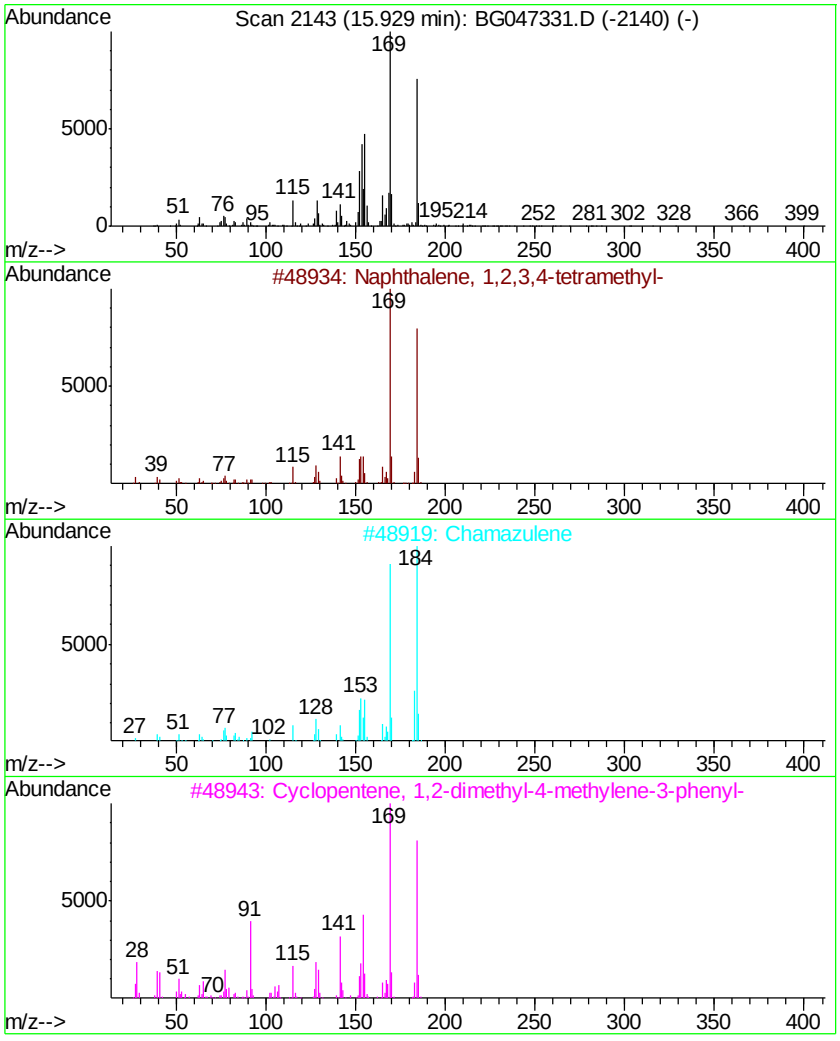
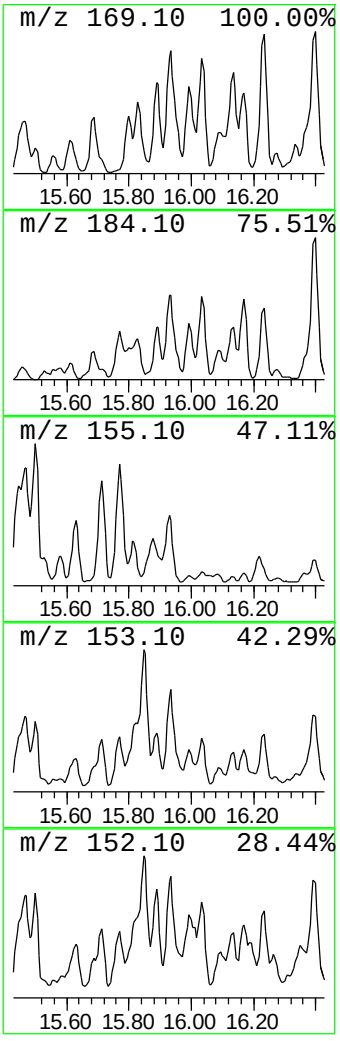
Peak Number 43 Chamazulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	52.59 ng/ul	5835860	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
2	Chamazulene	184	C14H16	000529-05-5	81
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	68
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	64
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	62





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Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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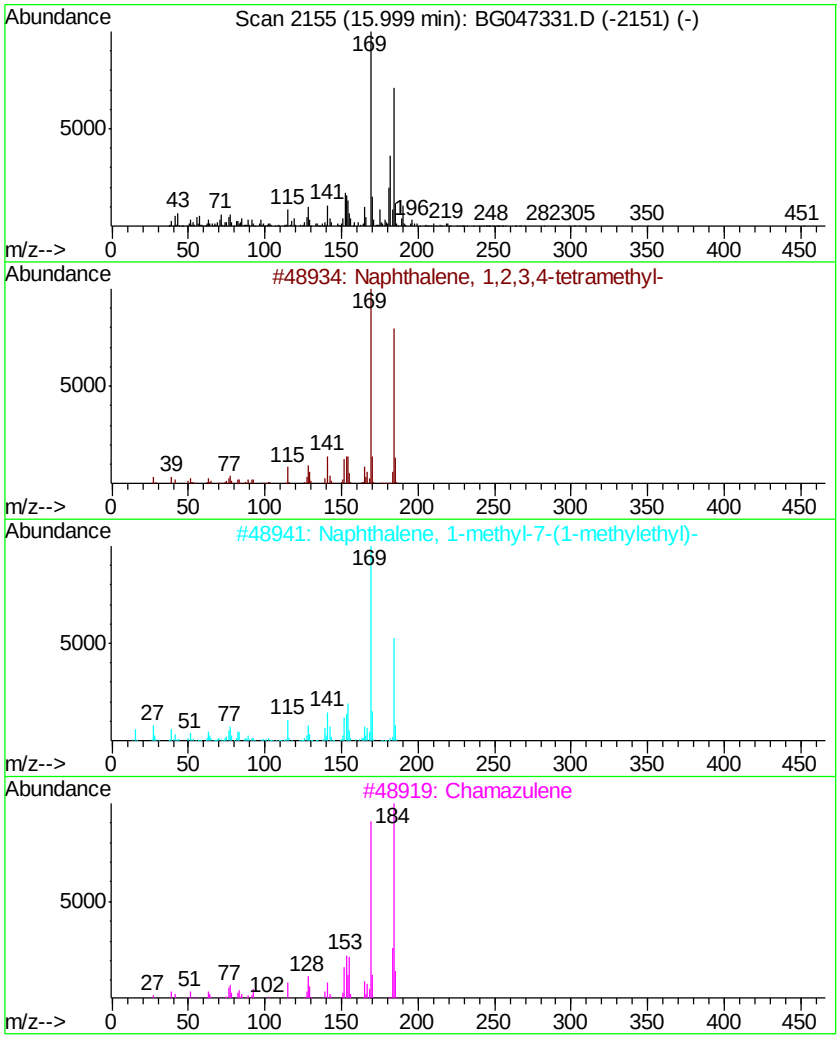
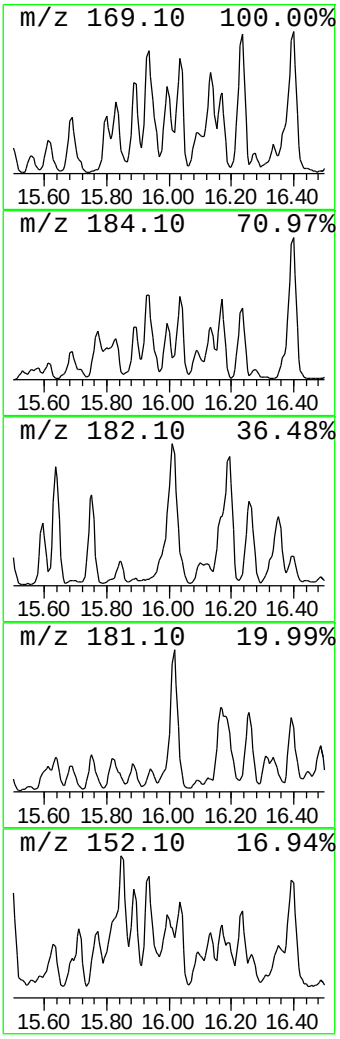
Peak Number 44 Naphthalene, 1,2,3,4-tetram... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	27.85 ng/ul	3091010	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	89
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	89
3	Chamazulene	184	C14H16	000529-05-5	70
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	70
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	62





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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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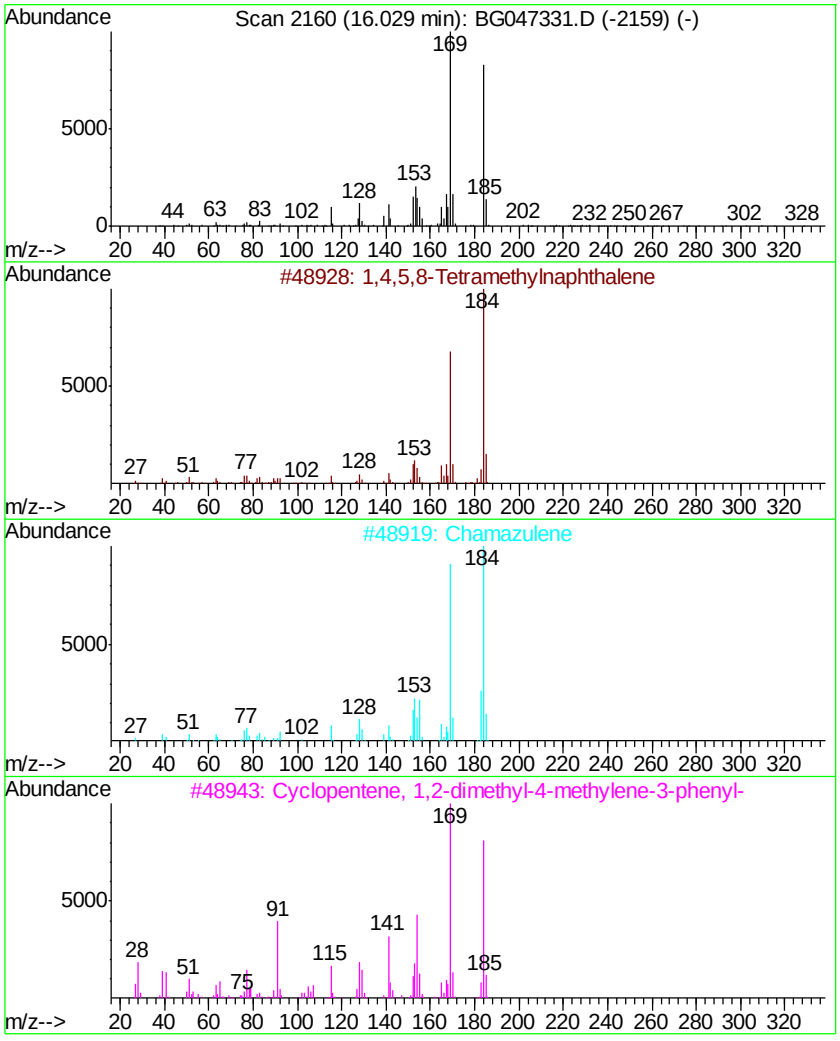
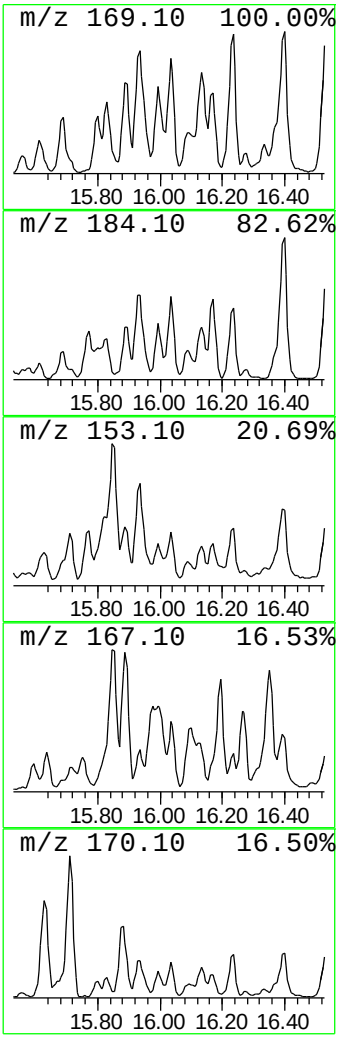
Peak Number 45 1,4,5,8-Tetramethylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	29.44 ng/ul	3266840	Acenaphthene-d10	14.67

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	93
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	90
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81





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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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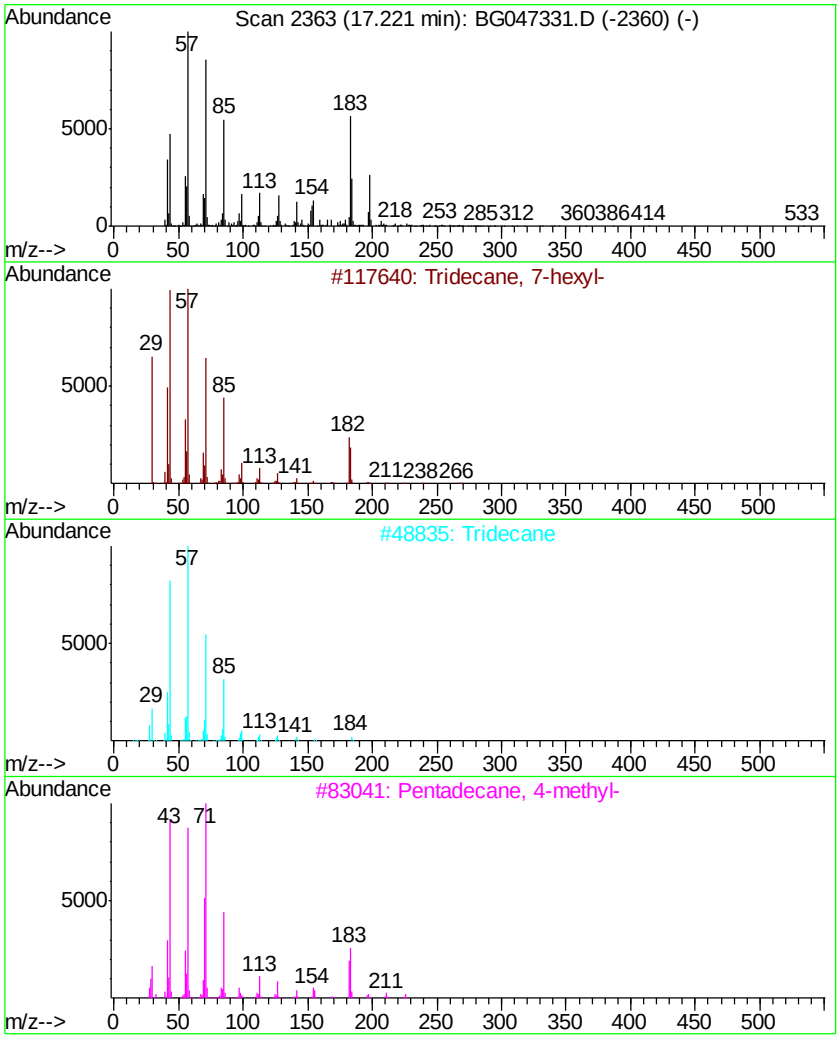
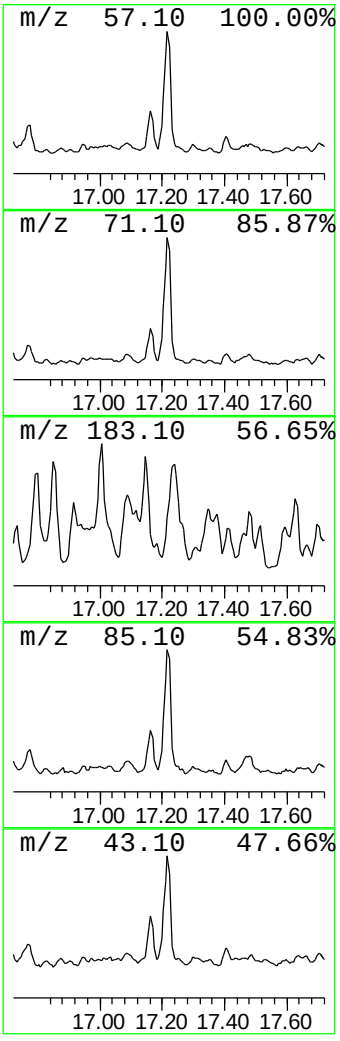
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.86 ng/ul	1561760	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	53
2	Tridecane	184	C13H28	000629-50-5	52
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	50
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	50
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49





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Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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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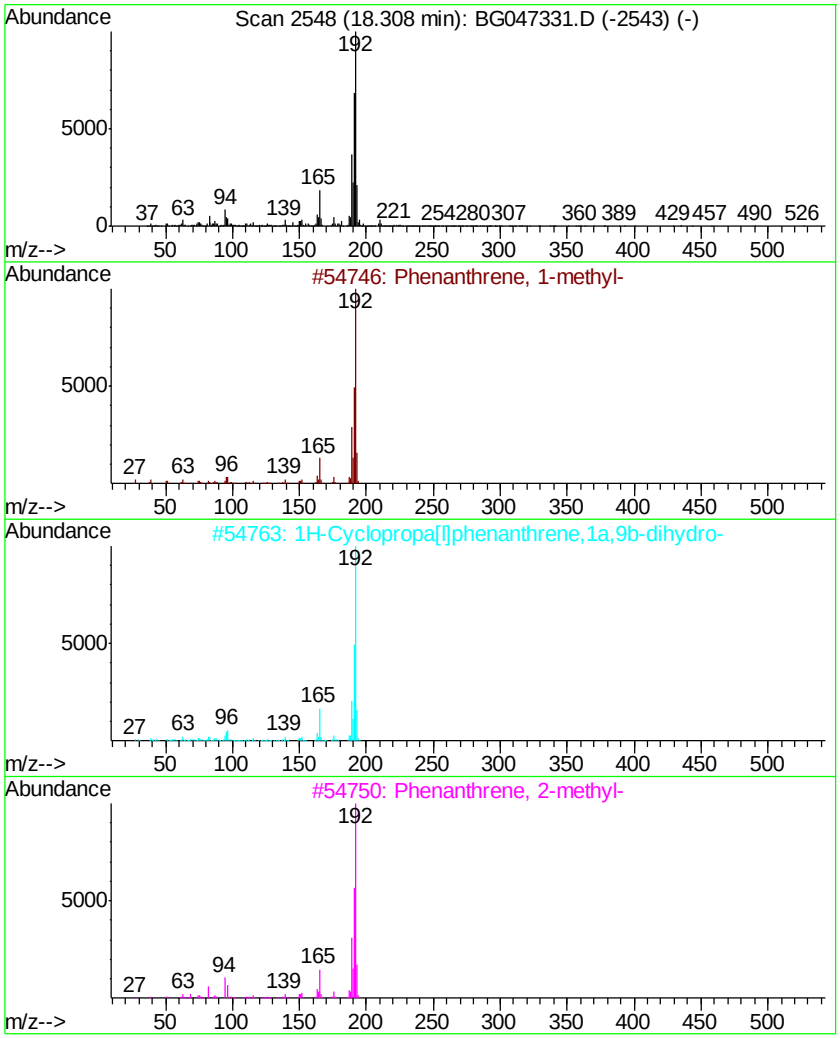
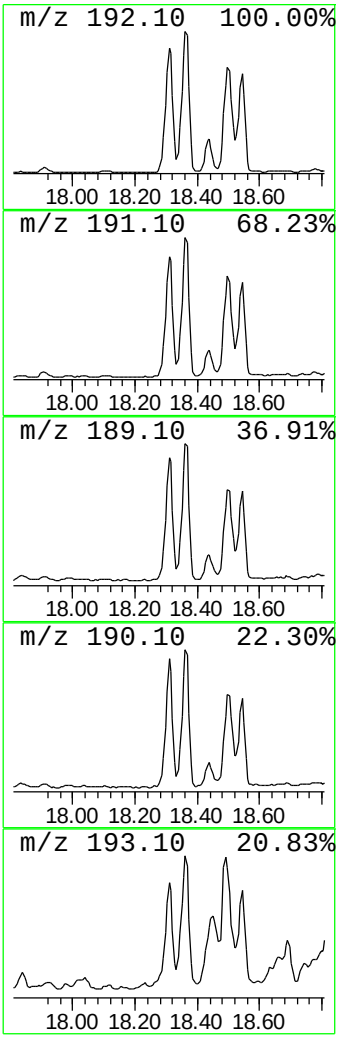
Peak Number 57 Phenanthrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	17.58 ng/ul	9597580	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

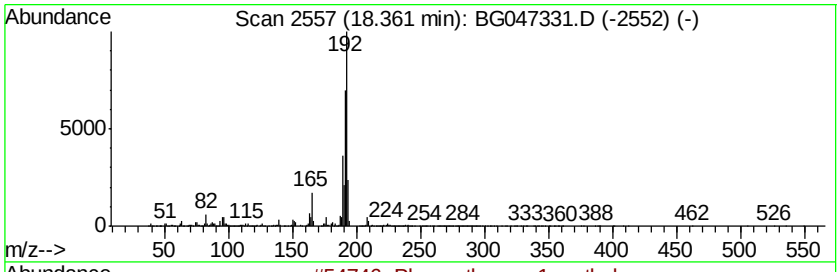
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

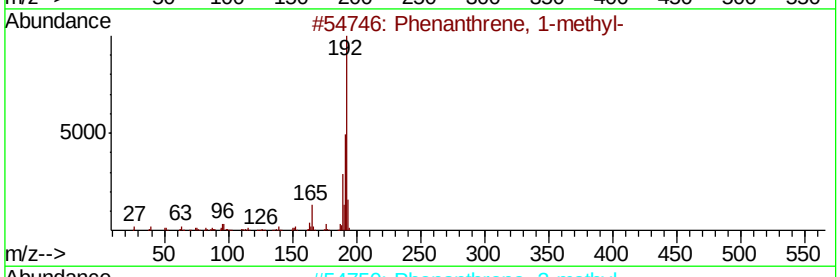
****

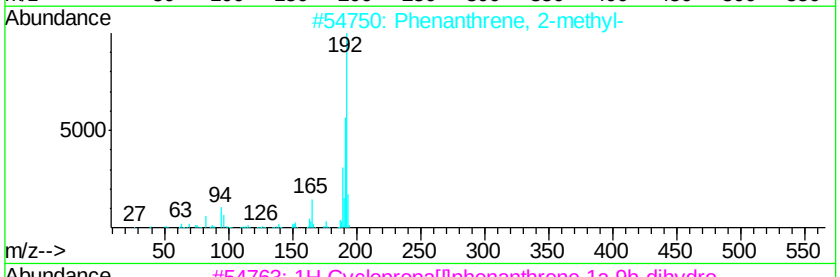
Peak Number 58 Phenanthrene, 2-methyl- Concentration Rank 22

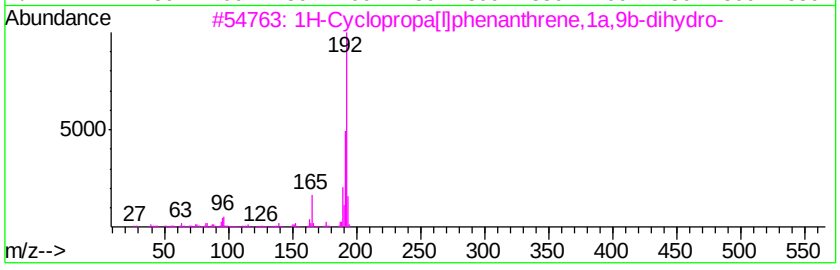
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	22.55 ng/ul	12312100	Phenanthrene-d10	17.43

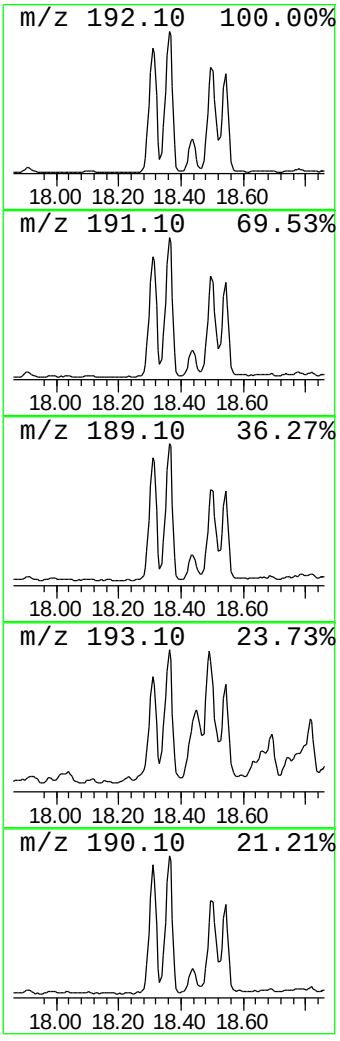
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86











Library Search Compound Report

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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

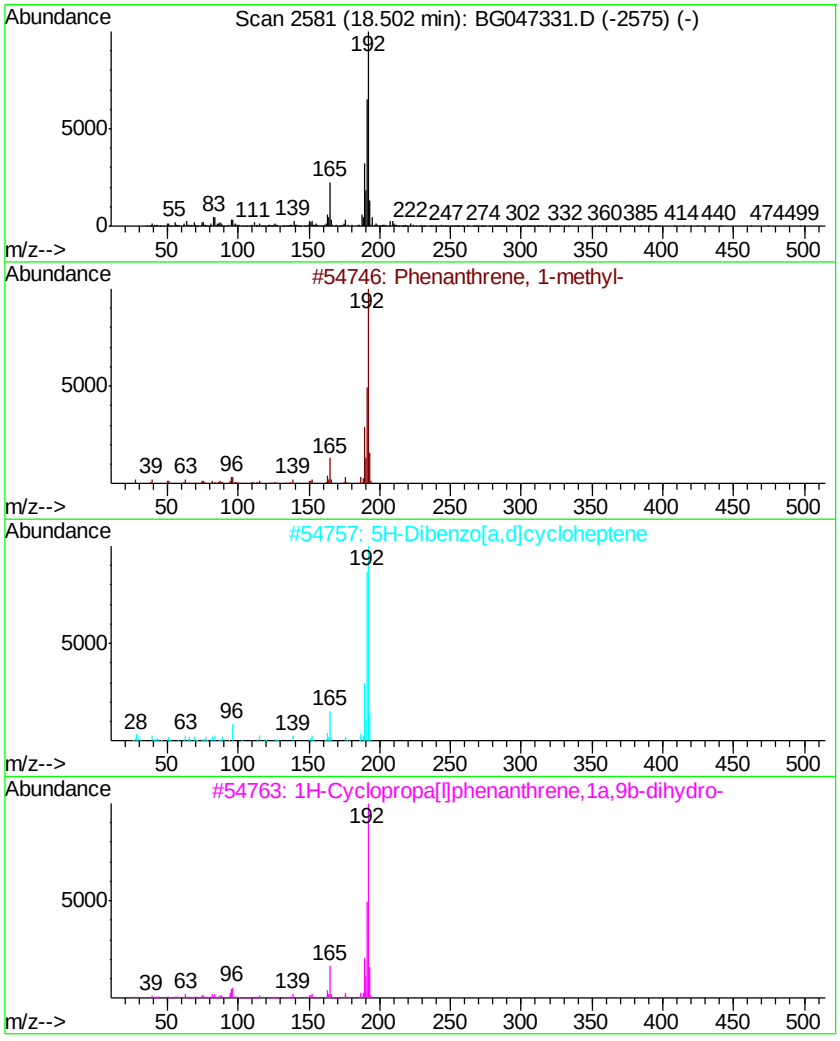
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

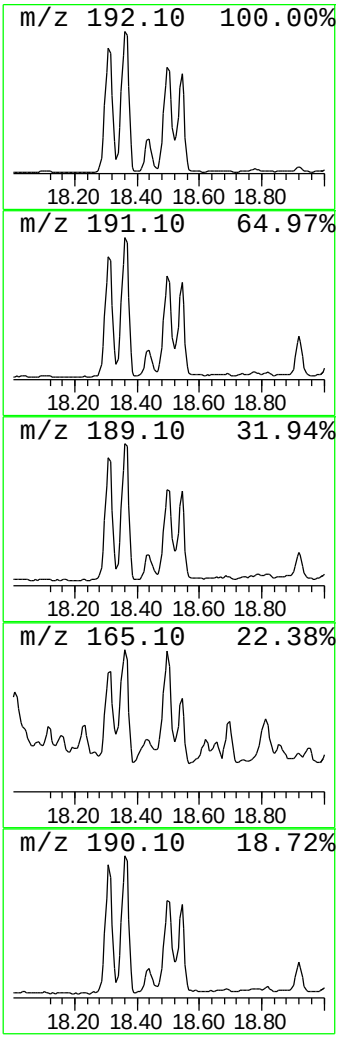
****

Peak Number 59 5H-Dibenzo[a,d]cycloheptene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	14.56 ng/ul	7951610	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





Library Search Compound Report

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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

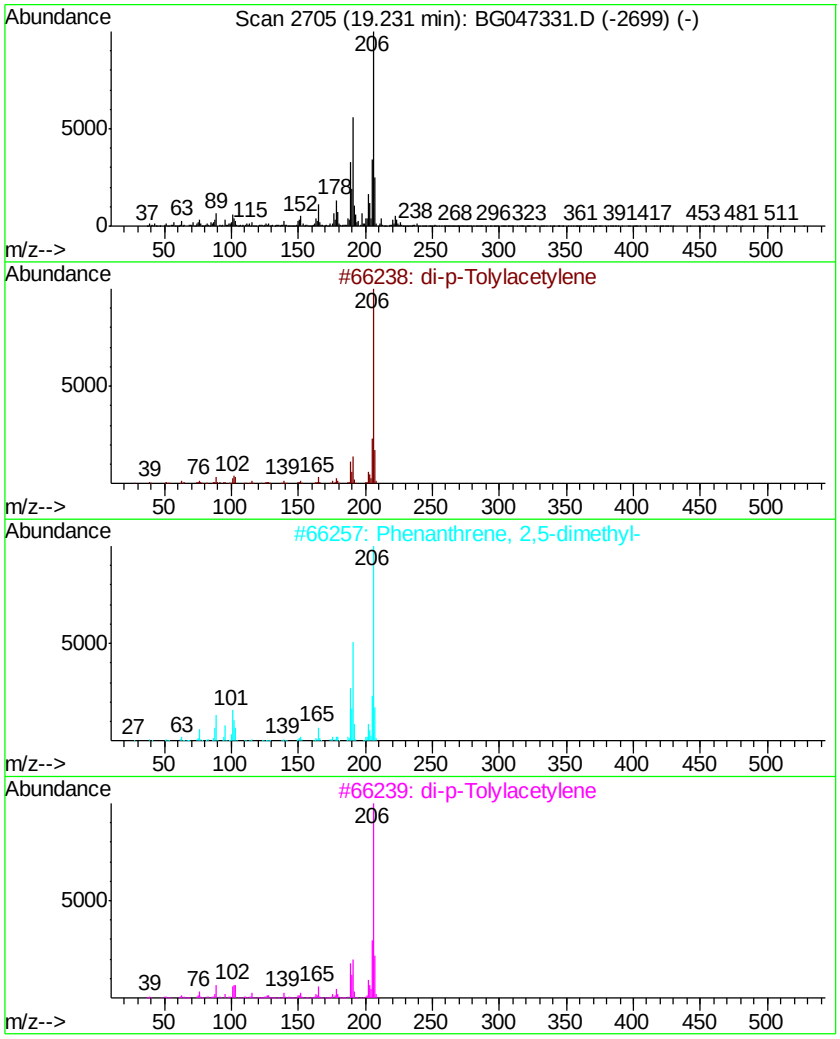
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

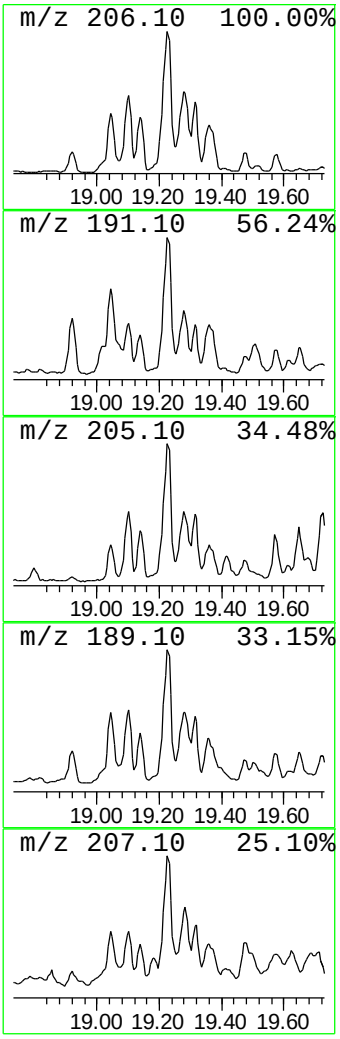
****

Peak Number 67 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	22.92 ng/ul	12517000	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

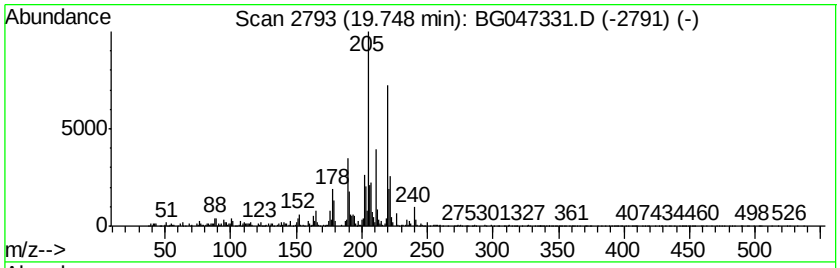
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

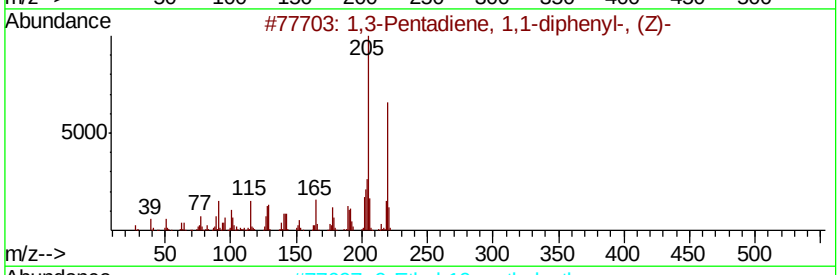
****

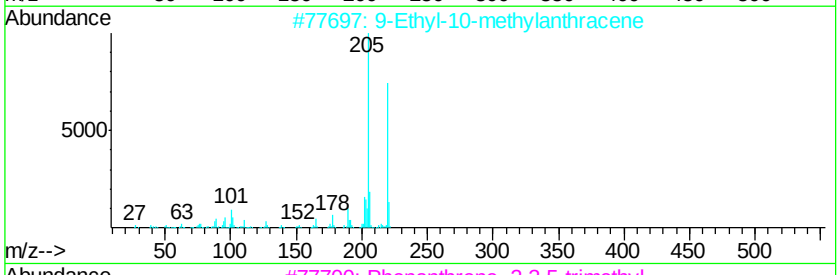
Peak Number 70 1,3-Pentadiene, 1,1-dipheny... Concentration Rank 31

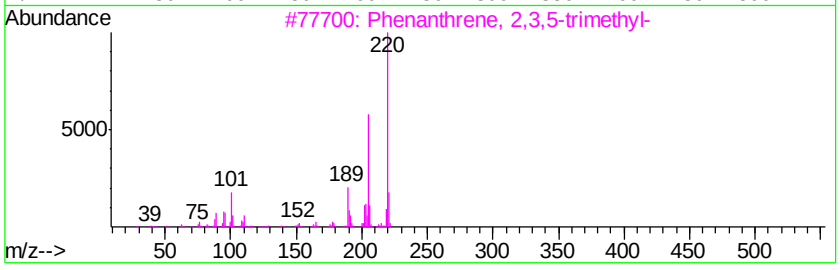
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	15.92 ng/ul	2441730	Chrysene-d12	21.71

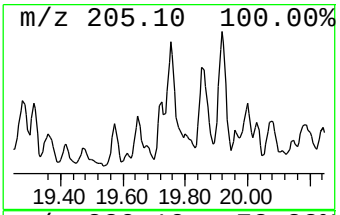
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	68
2	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	68
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	68
4	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	68
5	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	58

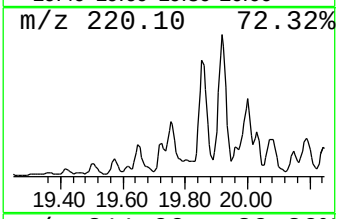


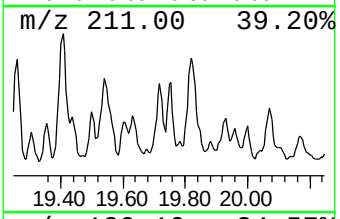


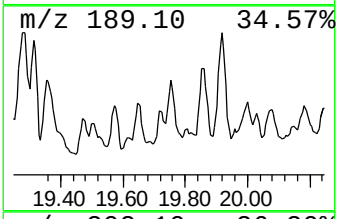


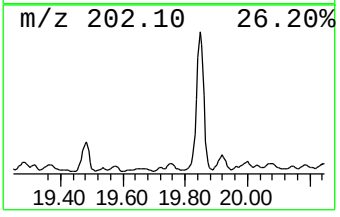












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

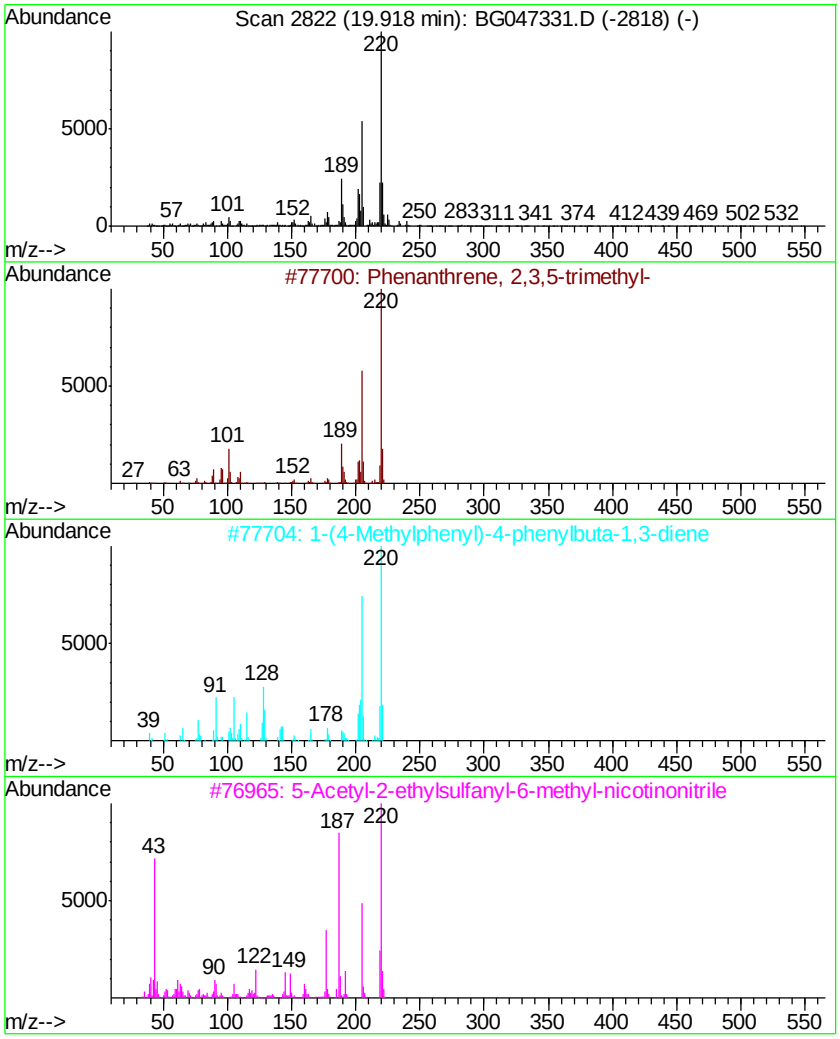
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

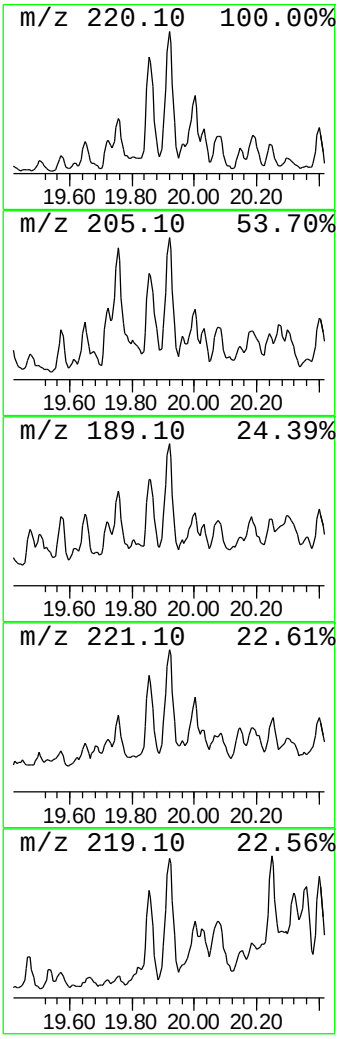
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	38.90 ng/ul	5966530	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	81
3	5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	53
4	Xylazine	220	C12H16N2S	007361-61-7	52
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

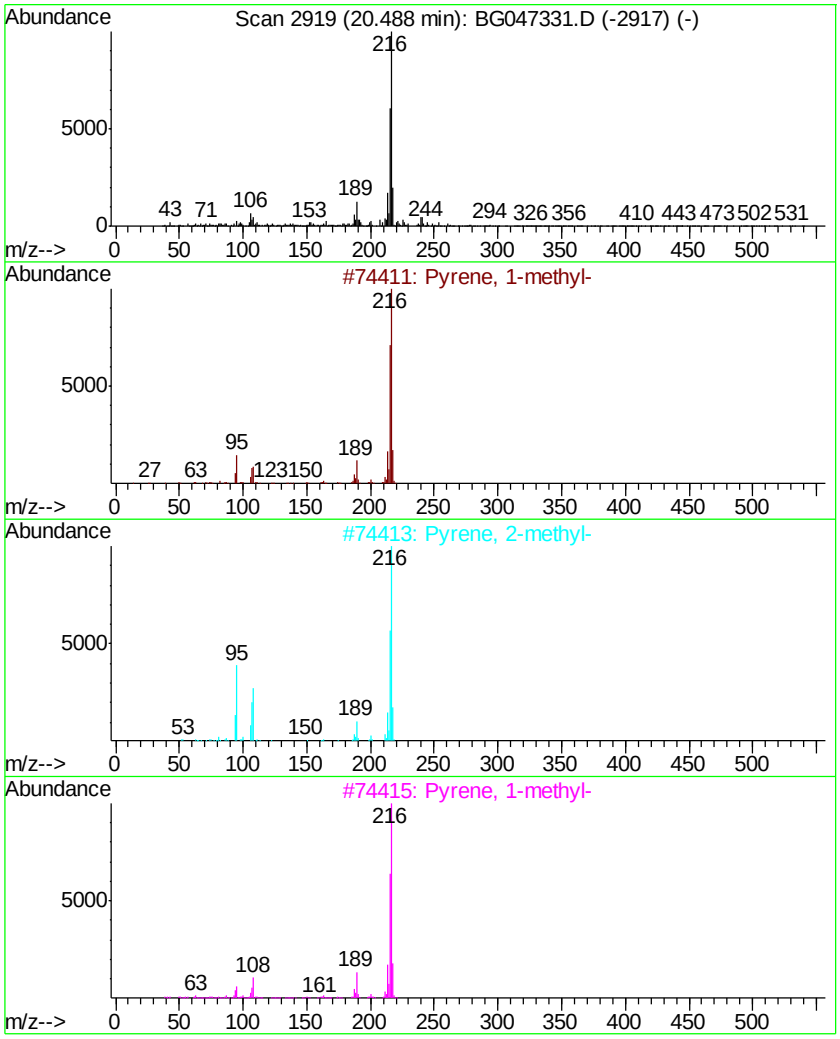
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

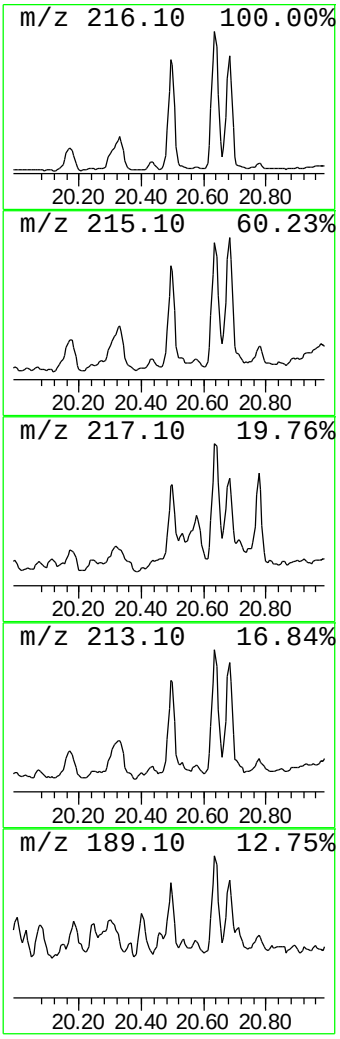
****

Peak Number 72 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	18.98 ng/ul	2910590	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

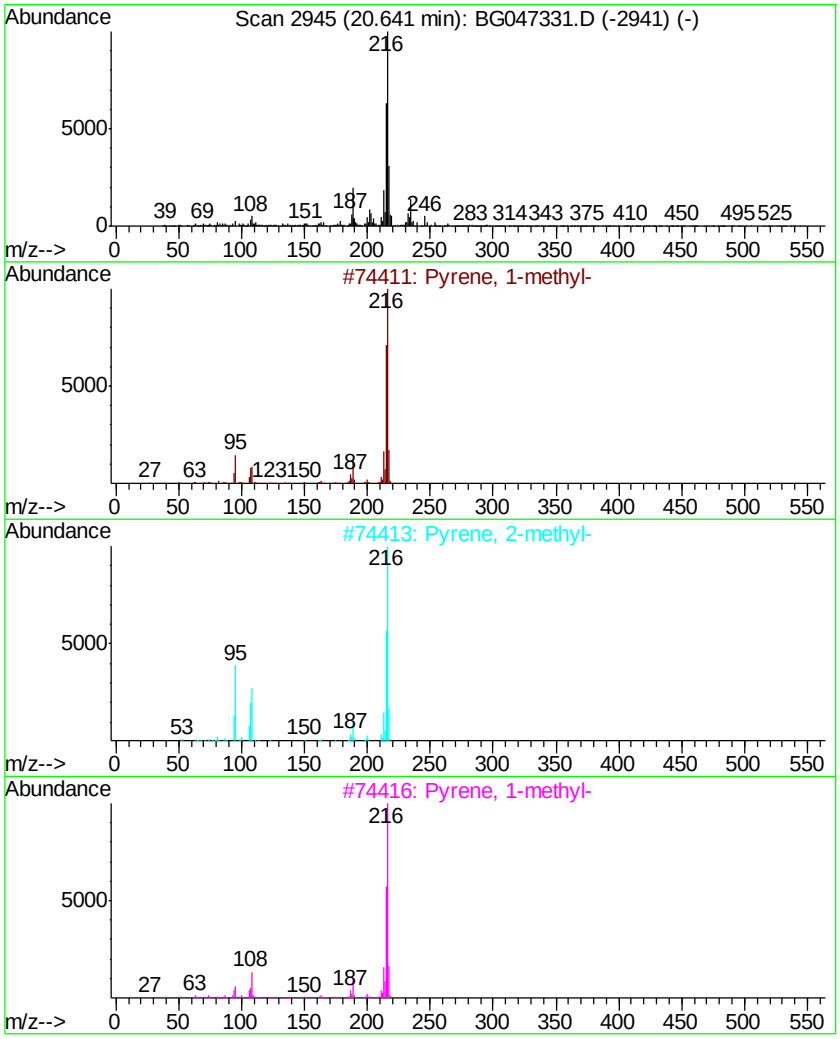
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

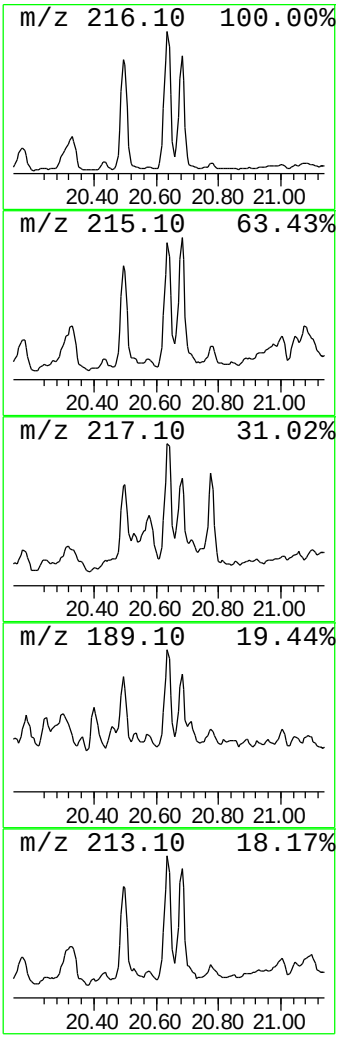
****

Peak Number 73 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	27.94 ng/ul	4285860	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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

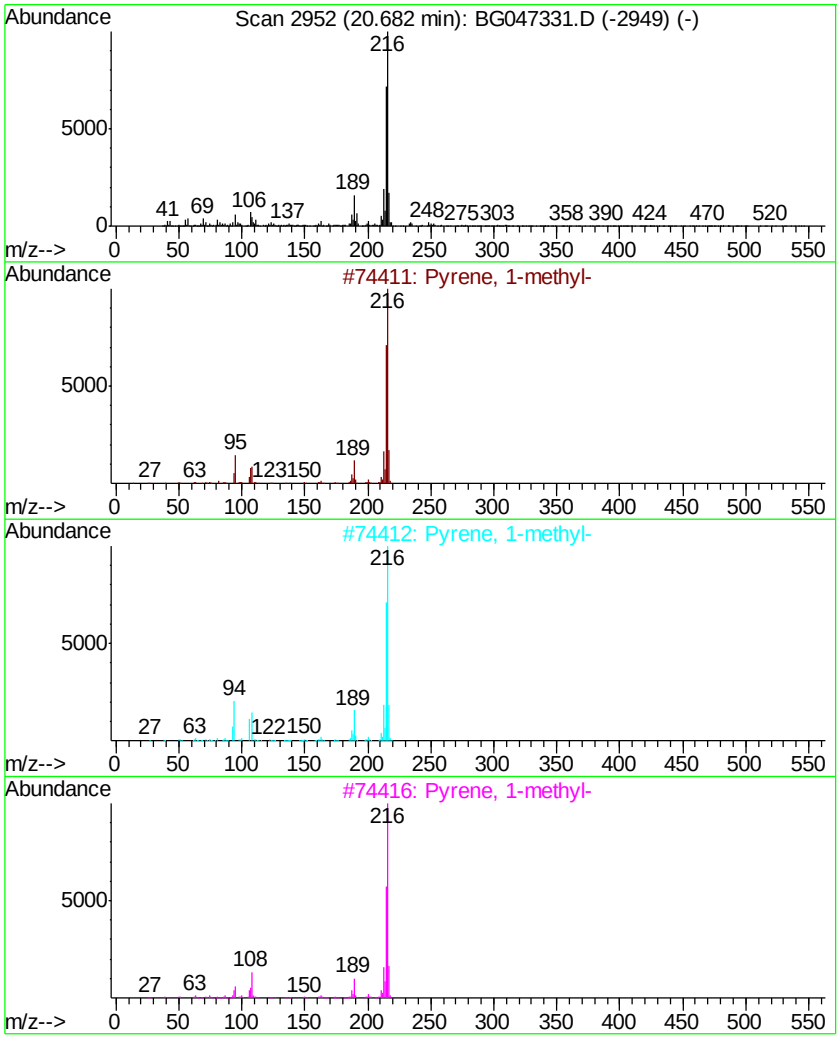
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

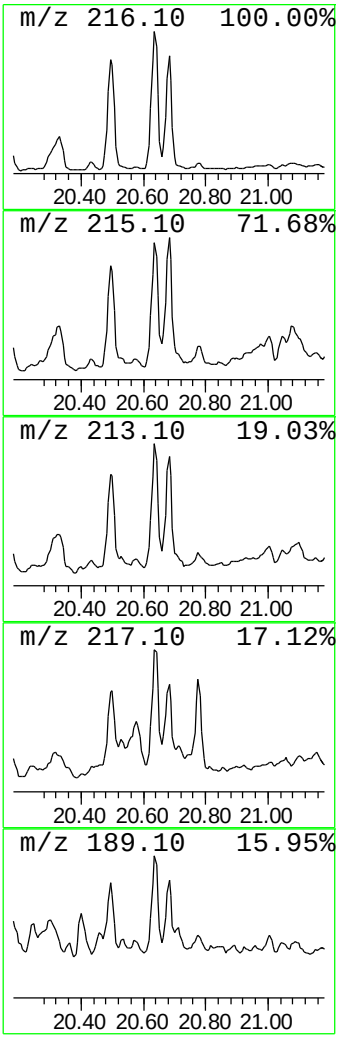
****

Peak Number 74 11H-Benzo[b]fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	20.00 ng/ul	3067430	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111620\
Data File : BG047331.D
Acq On : 16 Nov 2020 15:35
Operator : CG/JU
Sample : L4762-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC2

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
Benzene, 4-ethyl-...	9.13	20.0	ng/ul	1868450	1	8.01	1868450	20.0
(DEL) Alkane: Cyc...	11.32	13.2	ng/ul	2140390	2	10.83	3243090	20.0
1H-Indene, 2,3-di...	11.75	16.8	ng/ul	2730770	2	10.83	3243090	20.0
(DEL) Alkane: Str...	11.86	5.5	ng/ul	895785	2	10.83	3243090	20.0
(DEL) Alkane: Cyc...	11.89	10.0	ng/ul	1628830	2	10.83	3243090	20.0
1H-Indene, 2,3-di...	11.94	15.0	ng/ul	2426880	2	10.83	3243090	20.0
Naphthalene, 1,2,...	12.02	16.1	ng/ul	2603300	2	10.83	3243090	20.0
1H-Indene, 2,3-di...	12.59	13.4	ng/ul	2169160	2	10.83	3243090	20.0
Naphthalene, 1-me...	12.72	54.1	ng/ul	8765480	2	10.83	3243090	20.0
1H-Indene, 2,3-di...	13.01	15.0	ng/ul	1669490	3	14.67	2219520	20.0
(DEL) Alkane: Str...	13.20	22.0	ng/ul	2443400	3	14.67	2219520	20.0
Naphthalene, 1,2,...	13.33	10.4	ng/ul	1155270	3	14.67	2219520	20.0
Benzene, 4-(2-but...	13.60	32.4	ng/ul	3591150	3	14.67	2219520	20.0
Naphthalene, 1-et...	13.70	31.1	ng/ul	3451200	3	14.67	2219520	20.0
Naphthalene, 2,7-...	13.85	160.4	ng/ul	17795500	3	14.67	2219520	20.0
Naphthalene, 2,6-...	14.24	72.1	ng/ul	7997430	3	14.67	2219520	20.0
unknown-01	14.50	18.3	ng/ul	2029990	3	14.67	2219520	20.0
Naphthalene, 1,6,...	14.79	27.6	ng/ul	3064040	3	14.67	2219520	20.0
Naphthalene, 2,3,...	15.16	111.6	ng/ul	12384100	3	14.67	2219520	20.0
Naphthalene, 1,4,...	15.29	110.3	ng/ul	12241300	3	14.67	2219520	20.0
Naphthalene, 1,4,...	15.46	97.0	ng/ul	10768600	3	14.67	2219520	20.0
1-Acenaphthylenol...	15.89	36.2	ng/ul	4012860	3	14.67	2219520	20.0
Chamazulene	15.93	52.6	ng/ul	5835860	3	14.67	2219520	20.0
Naphthalene, 1,2,...	16.00	27.9	ng/ul	3091010	3	14.67	2219520	20.0
1,4,5,8-Tetrameth...	16.03	29.4	ng/ul	3266840	3	14.67	2219520	20.0
(DEL) Alkane: Str...	17.22	2.9	ng/ul	1561760	4	17.43	10921500	20.0
Phenanthrene, 1-m...	18.31	17.6	ng/ul	9597580	4	17.43	10921500	20.0
Phenanthrene, 2-m...	18.36	22.6	ng/ul	12312100	4	17.43	10921500	20.0
5H-Dibenzo[a,d]cy...	18.50	14.6	ng/ul	7951610	4	17.43	10921500	20.0
di-p-Tolylacetylene	19.23	22.9	ng/ul	12517000	4	17.43	10921500	20.0
1,3-Pentadiene, 1...	19.75	15.9	ng/ul	2441730	5	21.71	3067430	20.0
Phenanthrene, 2,3...	19.92	38.9	ng/ul	5966530	5	21.71	3067430	20.0
Pyrene, 1-methyl-	20.49	19.0	ng/ul	2910590	5	21.71	3067430	20.0
Pyrene, 2-methyl-	20.64	27.9	ng/ul	4285860	5	21.71	3067430	20.0
11H-Benzo[b]fluorene	20.68	20.0	ng/ul	3067430	5	21.71	3067430	20.0