LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

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-BG101520MA.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	7.223	654	661	668	rVV3	96661	198777	0.24%	0.139%
2	7.293	668	673	679	rVB	79805	129880	0.15%	0.091%
3	7.393	681	690	697	rBV	236334	399588	0.48%	0.279%
4	7.458	697	701	707	rVB	58256	93192	0.11%	0.065%
5	7.599	719	725	735	rVB	279142	473520	0.56%	0.330%
6	7.716	740	745	754	rVB	130417	219969	0.26%	0.153%
7	8.074	797	806	819	rBV2	234188	467733	0.56%	0.326%
8	8.186	819	825	833	rVB	215841	360763	0.43%	0.252%
9	8.709	905	914	919	rVV	134338	229174	0.27%	0.160%
10	8.768	919	924	933	rVV2	245434	439802	0.52%	0.307%
11	9.026	961	968	972	rBV	106716	175331	0.21%	0.122%
12	9.079	972	977	983	rVB	110629	171429	0.20%	0.120%
13	9.179	988	994	998	rBV3	128926	224501	0.27%	0.157%
14	9.232	998	1003	1019	rVB2	327398	757672	0.90%	0.529%
15	9.514	1043	1051	1057	rBV2	86502	160409	0.19%	0.112%
16	9.702	1078	1083	1088	rBV	148021	233981	0.28%	0.163%
17	9.767	1088	1094	1100	rVB	250834	422284	0.50%	0.295%
18	9.955	1116	1126	1132	rBV	323641	635200	0.76%	0.443%
19	10.072	1140	1146	1152	rVB5	61852	115592	0.14%	0.081%
20	10.284	1174	1182	1188	rVB3	381683	707612	0.84%	0.494%
21	10.501	1210	1219	1227	rVB2	478858	1024852	1.22%	0.715%
22	10.883	1273	1284	1289	rBV	326366	701720	0.83%	0.490%
23	10.942	1289	1294	1299	rVB5	86879	185793	0.22%	0.130%
24	11.241	1338	1345	1350	rBV4	55842	129539	0.15%	0.090%
25	11.353	1358	1364	1369	rVB3	67539	118816	0.14%	0.083%
26	11.465	1376	1383	1386	rBV2	55073	112902	0.13%	0.079%
27	11.582	1394	1403	1410	rBV2	143505	287393	0.34%	0.201%
28	11.794	1431	1439	1444	rBV2	67495	136760	0.16%	0.095%
29	11.982	1464	1471	1475	rBV5	71156	135959	0.16%	0.095%
30	12.070	1481	1486	1495	rVB6	60047	122267	0.15%	0.085%
31	12.199	1500	1508	1514	rBV2	40920	93147	0.11%	0.065%
32	12.757	1594	1603	1609	rBV	2463826	4157700	4.95%	2.901%
33	12.910	1624	1629	1635	rBV5	48816	89718	0.11%	0.063%
34	13.221	1677	1682	1690	rVB5	167333	353648	0.42%	0.247%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

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-BG101520MA.M
Title : SVOA CALIBRATION

35	13.427	1711	1717	1726	rVB9	51681	120360	0.14%	0.084%
36	13.527	1727	1734	1741	rVV2	197973	402342	0.48%	0.281%
37	13.756	1768	1773	1780	rVB	284342	449846	0.54%	0.314%
38	13.862	1781	1791	1802	rBV	510553	1375710	1.64%	0.960%
39	14.026	1809	1819	1824	rBV	1203558	2318008	2.76%	1.617%
40	14.079	1824	1828	1829	rVV	678451	852289	1.01%	0.595%
41	14.103	1829	1832	1838	rVV	895797	1321339	1.57%	0.922%
42	14.167	1838	1843	1848	rVB4	109633	233563	0.28%	0.163%
43	14.255	1853	1858	1862	rVV	370557	643864	0.77%	0.449%
44	14.291	1862	1864	1872	rVB2	268727	349304	0.42%	0.244%
45	14.396	1876	1882	1891	rBV2	919118	1869680	2.22%	1.305%
46	14.590	1911	1915	1922	rBV2	126327	184171	0.22%	0.129%
47	14.667	1922	1928	1929	rBV3	132656	215041	0.26%	0.150%
48	14.702	1929	1934	1939	rVV2	571962	913858	1.09%	0.638%
49	14.767	1940	1945	1952	rVB3	241536	466587	0.56%	0.326%
50	14.896	1959	1967	1977	rBV4	181936	631362	0.75%	0.441%
51	14.990	1977	1983	1988	rBV4	75927	204840	0.24%	0.143%
52	15.090	1995	2000	2007	rVB2	251633	436885	0.52%	0.305%
53	15.172	2008	2014	2020	rVV	235310	363334	0.43%	0.254%
54	15.243	2020	2026	2031	rVV	1350605	2031797	2.42%	1.418%
55	15.331	2033	2041	2045	rVV	3672553	5808604	6.91%	4.053%
56	15.372	2045	2048	2052	rVB	140457	188048	0.22%	0.131%
57	15.489	2054	2068	2071	rBV6	156849	501254	0.60%	0.350%
58	15.536	2071	2076	2085	rVV7	149202	376400	0.45%	0.263%
59	15.624	2085	2091	2098	rVV	955525	2219008	2.64%	1.548%
60	15.695	2098	2103	2108	rVV	1261797	2075581	2.47%	1.448%
61	15.742	2108	2111	2117	rVV3	281881	517077	0.62%	0.361%
62	15.801	2117	2121	2126	rVV2	433341	780512	0.93%	0.545%
63	15.865	2126	2132	2135	rVV2	266532	695991	0.83%	0.486%
64	15.901	2135	2138	2143	rVV3	304804	533926	0.64%	0.373%
65	15.965	2143	2149	2155	rVV4	162001	401455	0.48%	0.280%
66	16.042	2158	2162	2169	rVV3	121016	277925	0.33%	0.194%
67	16.112	2170	2174	2178	rVV6	68214	136611	0.16%	0.095%
68	16.153	2178	2181	2184	rVV5	60174	101190	0.12%	0.071%
69	16.188	2185	2187	2195	rVB5	86420	142422	0.17%	0.099%
70	16.288	2195	2204	2211	rBV5	86323	260224	0.31%	0.182%
71	16.400	2218	2223	2224	rBV	153747	193601	0.23%	0.135%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

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-BG101520MA.M
Title : SVOA CALIBRATION

72	16.424	2224	2227	2234	rVV5	231630	411087	0.49%	0.287%
73	16.512	2236	2242	2245	rVV5	65678	135206	0.16%	0.094%
74	16.553	2245	2249	2252	rVV3	67164	121104	0.14%	0.085%
75	16.588	2252	2255	2260	rVV3	158078	283030	0.34%	0.197%
76	16.659	2263	2267	2272	rVV	199554	347075	0.41%	0.242%
77	16.729	2275	2279	2287	rVV3	185508	426485	0.51%	0.298%
78	16.800	2287	2291	2303	rVB3	181578	399128	0.47%	0.278%
79	16.952	2314	2317	2321	rBV5	57305	92735	0.11%	0.065%
80	17.152	2335	2351	2355	rBV	31539086	84059378	100.00%	58.653%
81	17.458	2397	2403	2407	rBV	680756	1067779	1.27%	0.745%
82	17.499	2407	2410	2414	rVB	316403	400784	0.48%	0.280%
83	17.552	2414	2419	2424	rBV	1280536	1908497	2.27%	1.332%
84	17.933	2480	2484	2491	rVB4	128703	198140	0.24%	0.138%
85	18.327	2546	2551	2555	rBV2	357716	529014	0.63%	0.369%
86	18.368	2555	2558	2563	rVB2	150136	227020	0.27%	0.158%
87	18.509	2577	2582	2586	rBV3	197265	336513	0.40%	0.235%
88	18.550	2587	2589	2593	rVB	107628	131520	0.16%	0.092%
89	18.621	2598	2601	2605	rVB	73812	97496	0.12%	0.068%
90	19.238	2701	2706	2710	rVB3	128140	220975	0.26%	0.154%
91	19.596	2763	2767	2773	rVB6	117201	170719	0.20%	0.119%
92	19.831	2801	2807	2817	rBV	1552874	2337061	2.78%	1.631%
93	21.353	3062	3066	3072	rBV	167037	232817	0.28%	0.162%
94	21.717	3122	3128	3135	rVB	655362	1023317	1.22%	0.714%
95	24.743	3633	3643	3653	rVB	746553	2050194	2.44%	1.431%
96	24.966	3672	3681	3690	rBV	383921	1248525	1.49%	0.871%

Sum of corrected areas: 143316231

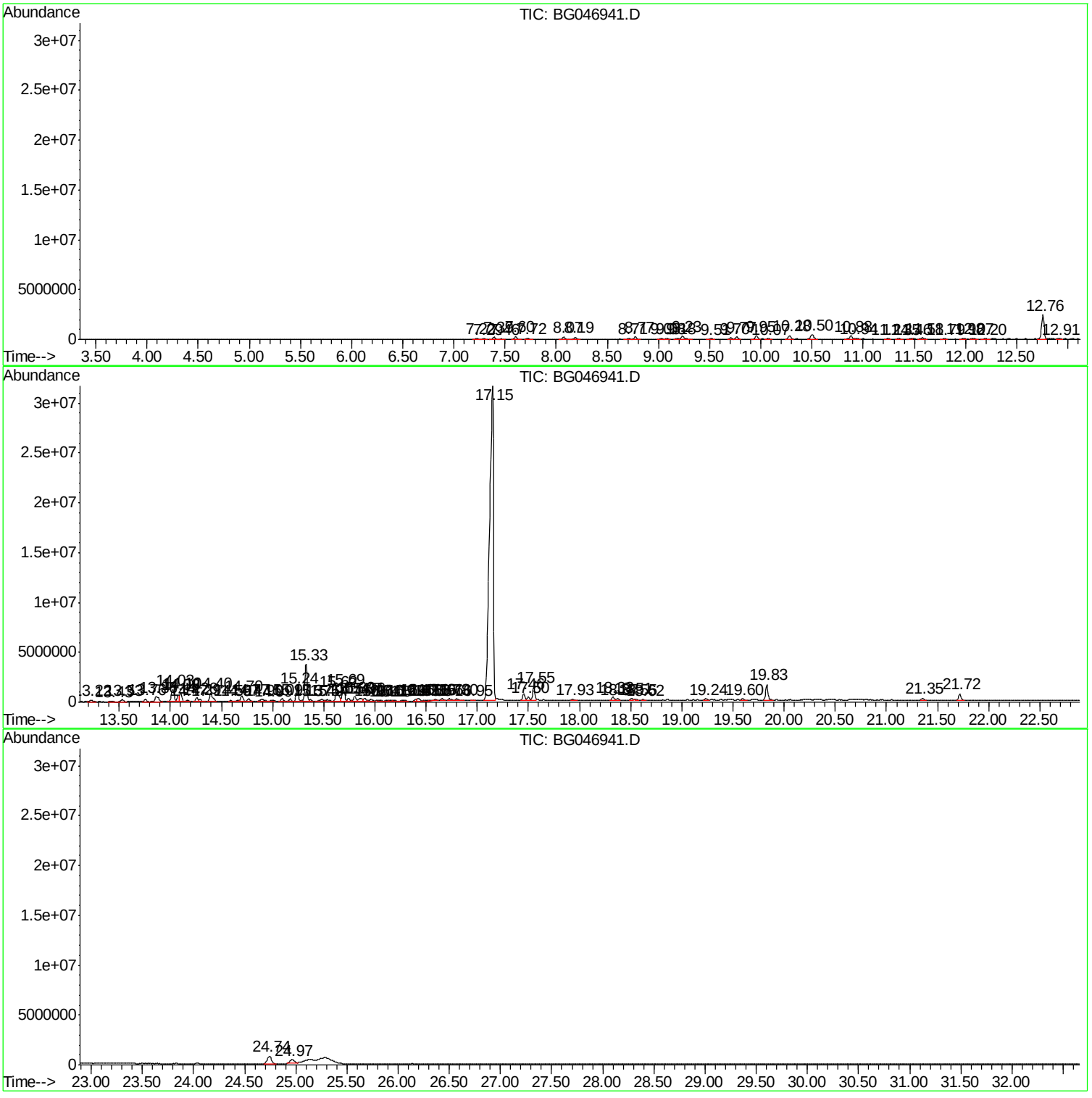
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

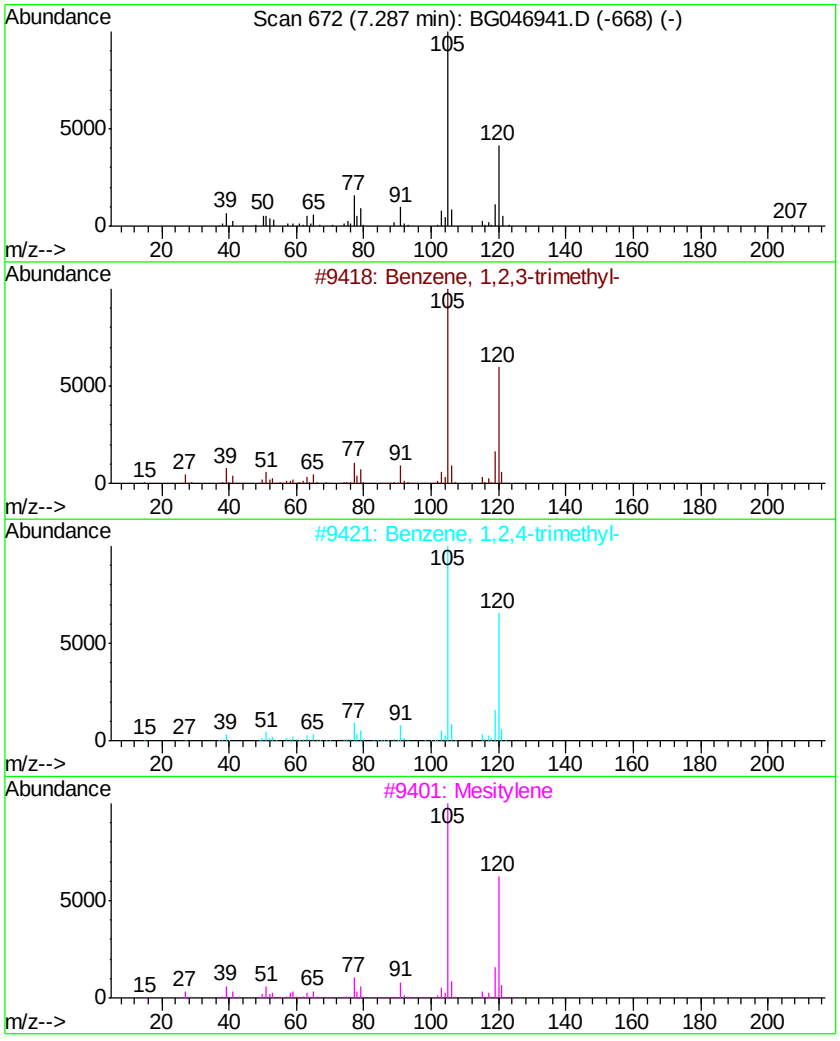
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

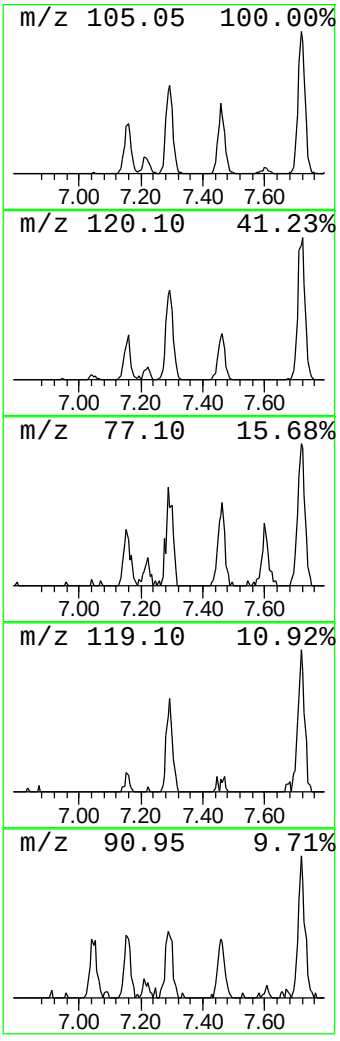
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.55 ng/ul	129880	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

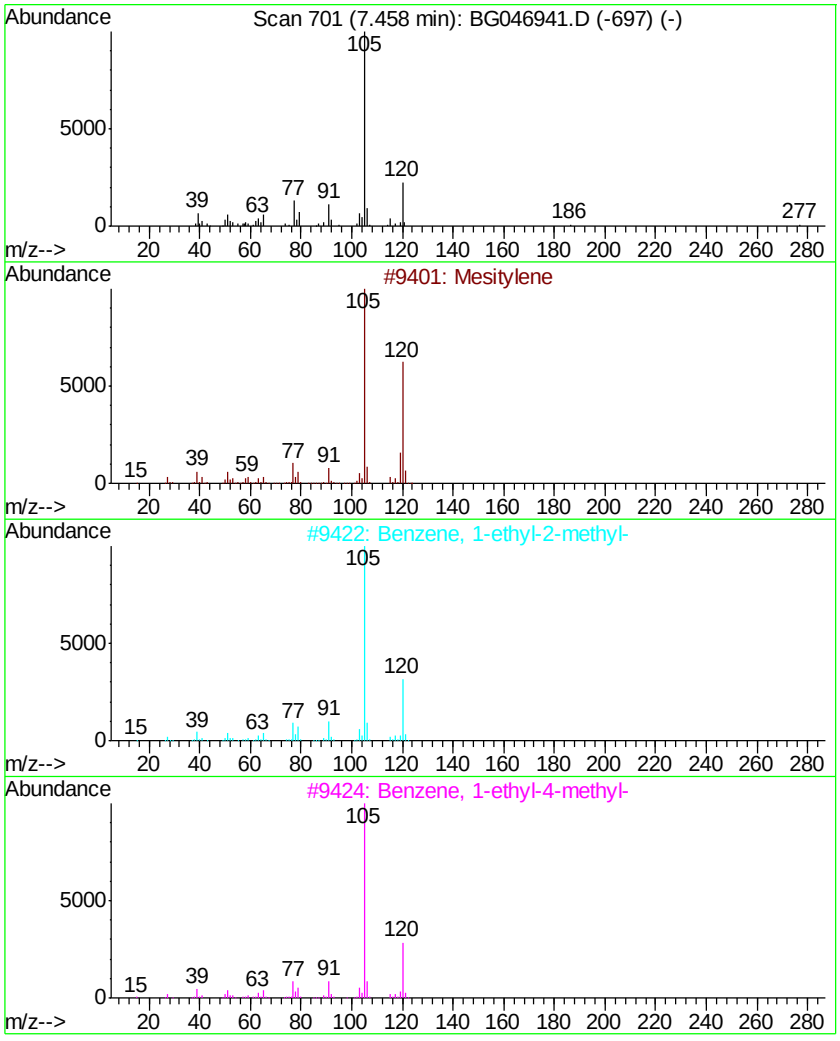
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

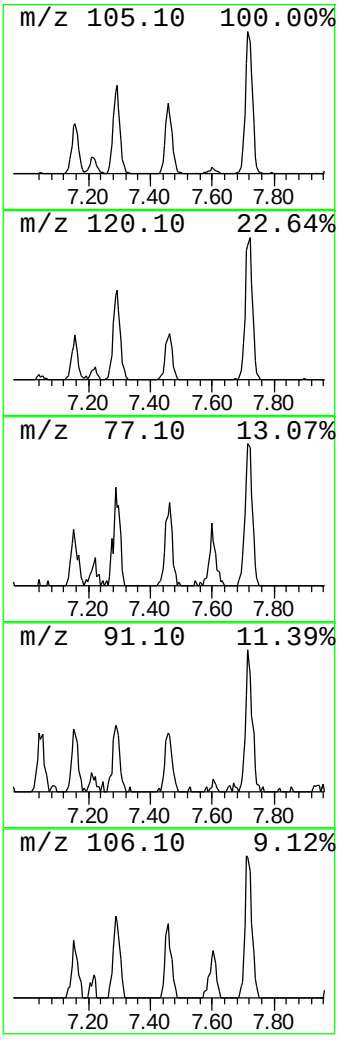
****

Peak Number 2 Mesitylene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	3.98 ng/ul	93192	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

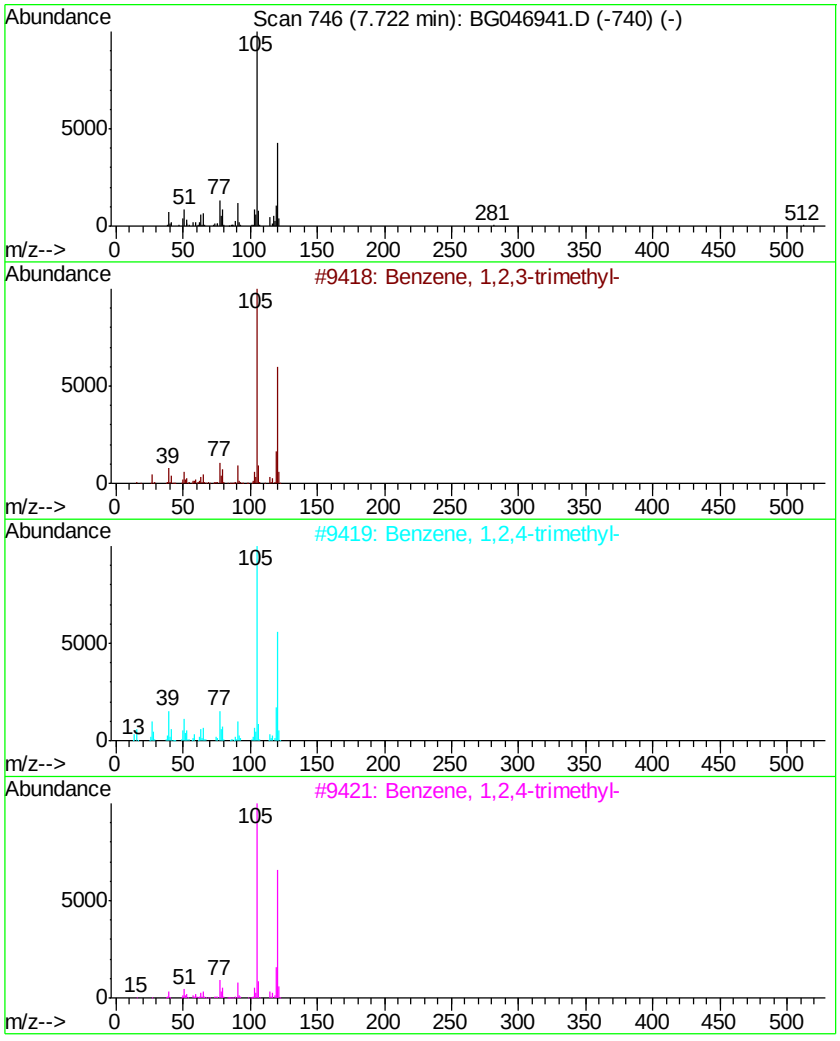
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

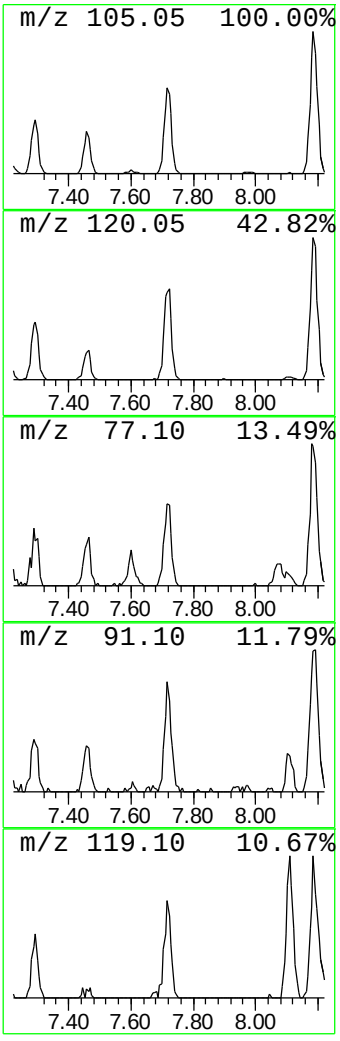
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	9.41 ng/ul	219969	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

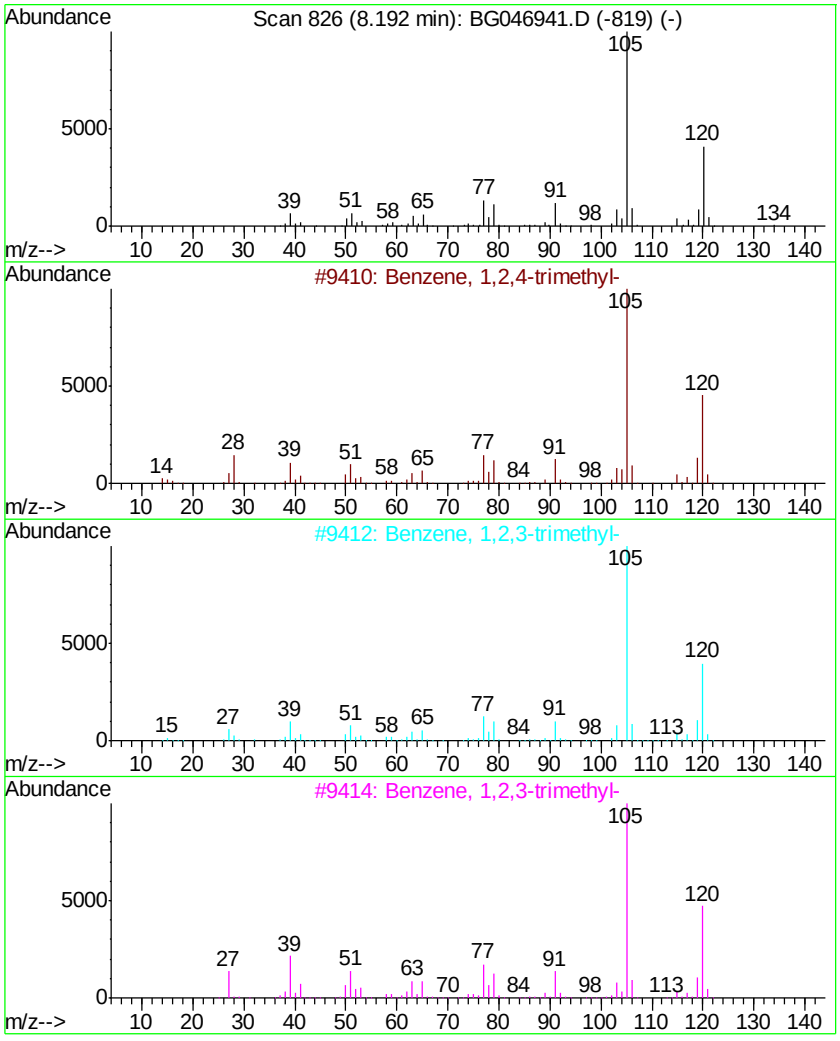
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

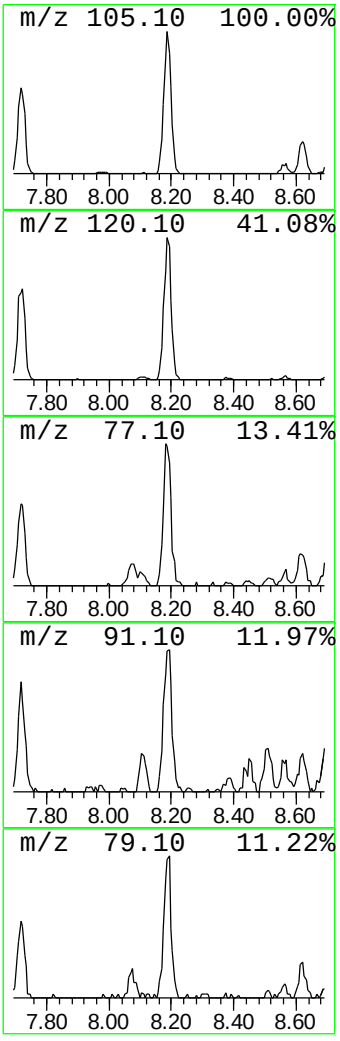
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	15.43 ng/ul	360763	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

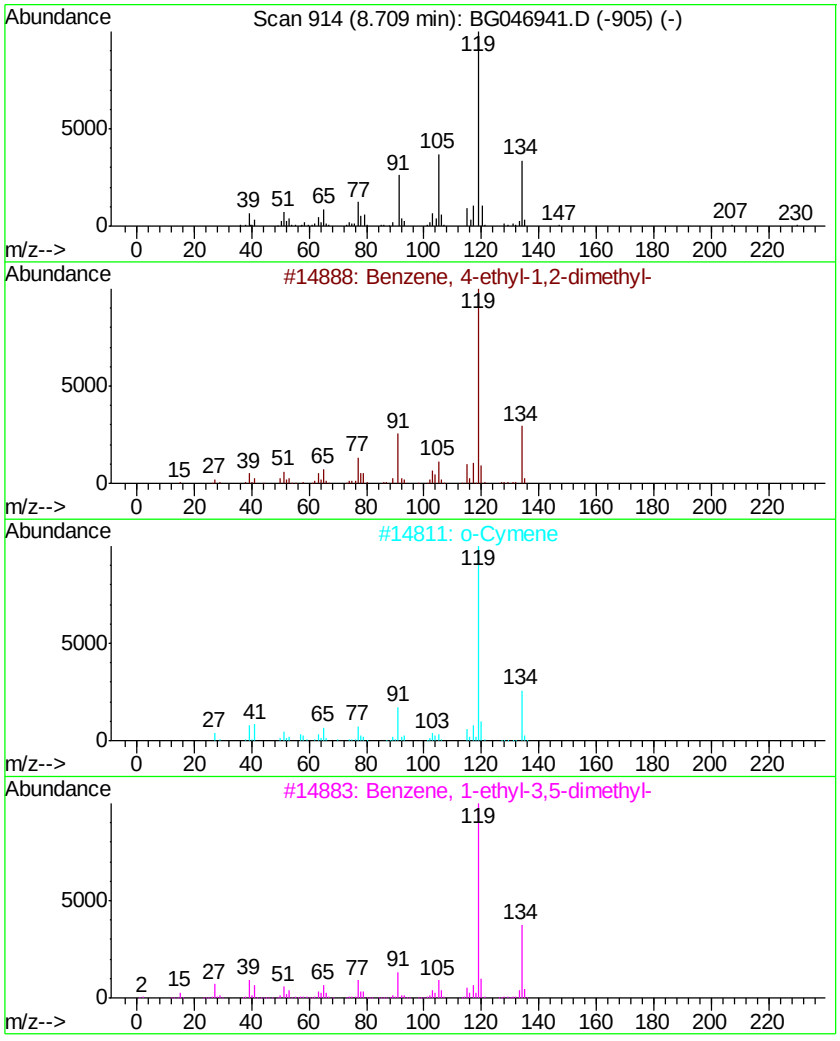
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

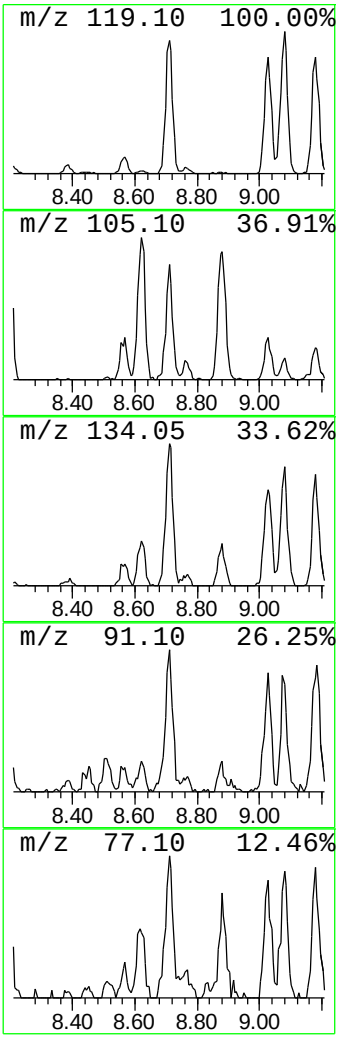
****

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	9.80 ng/ul	229174	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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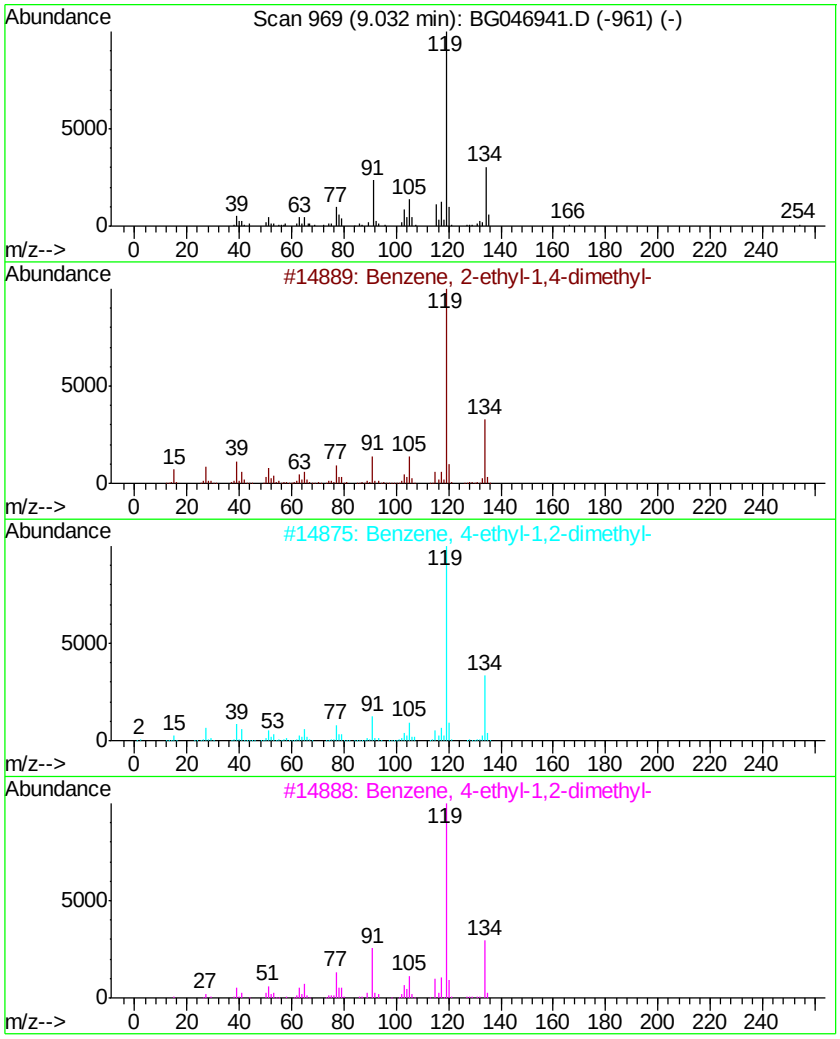
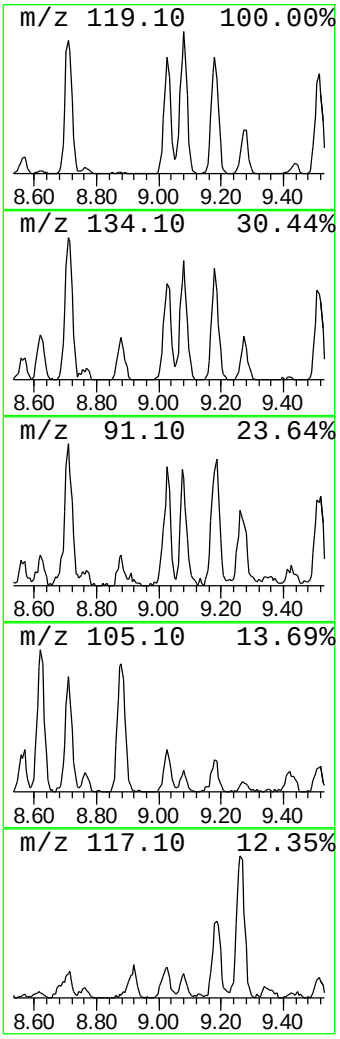
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	7.50 ng/ul	175331	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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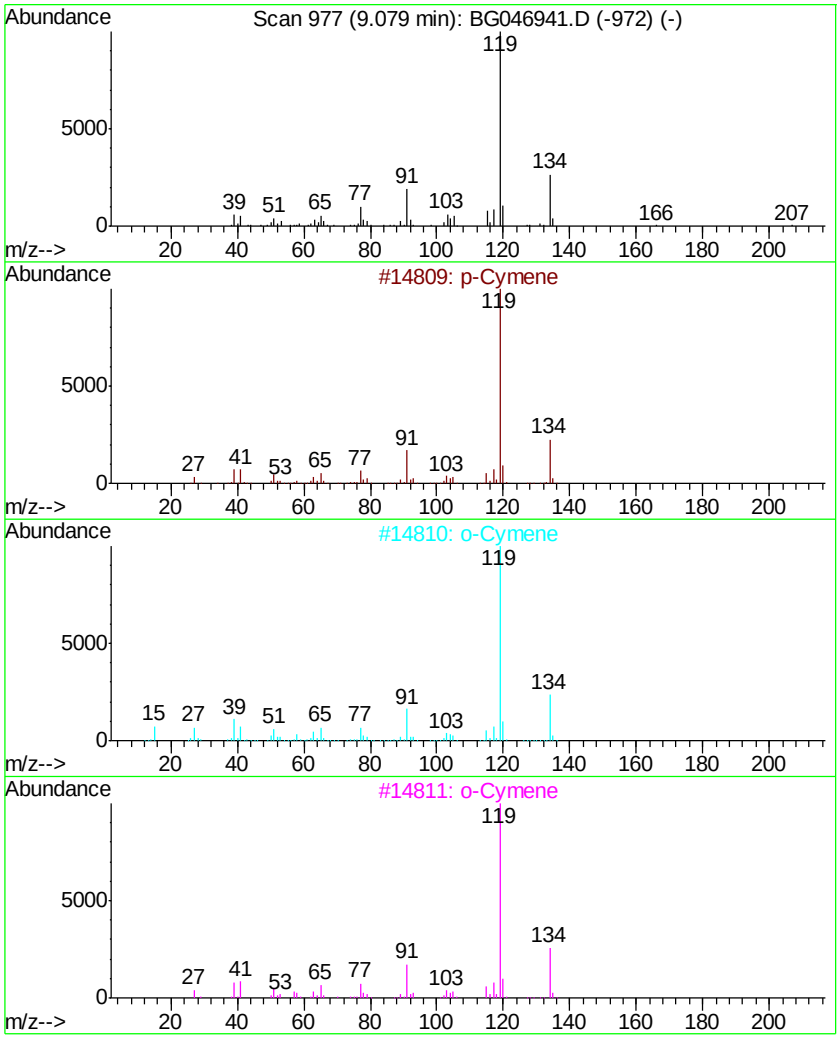
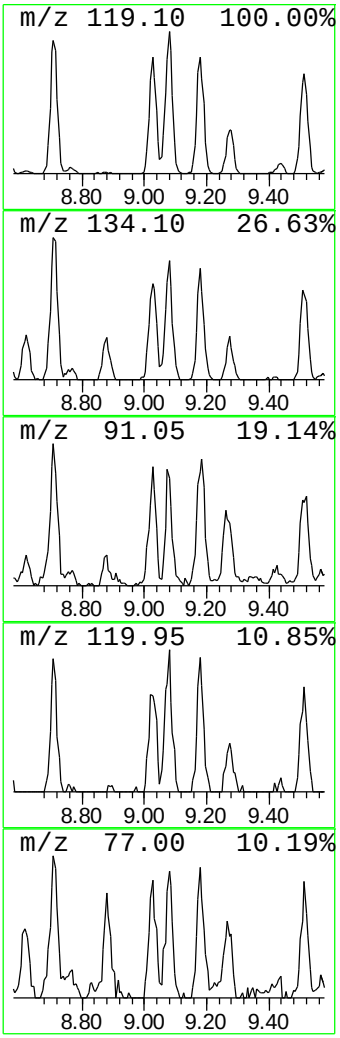
Peak Number 7 p-Cymene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	7.33 ng/ul	171429	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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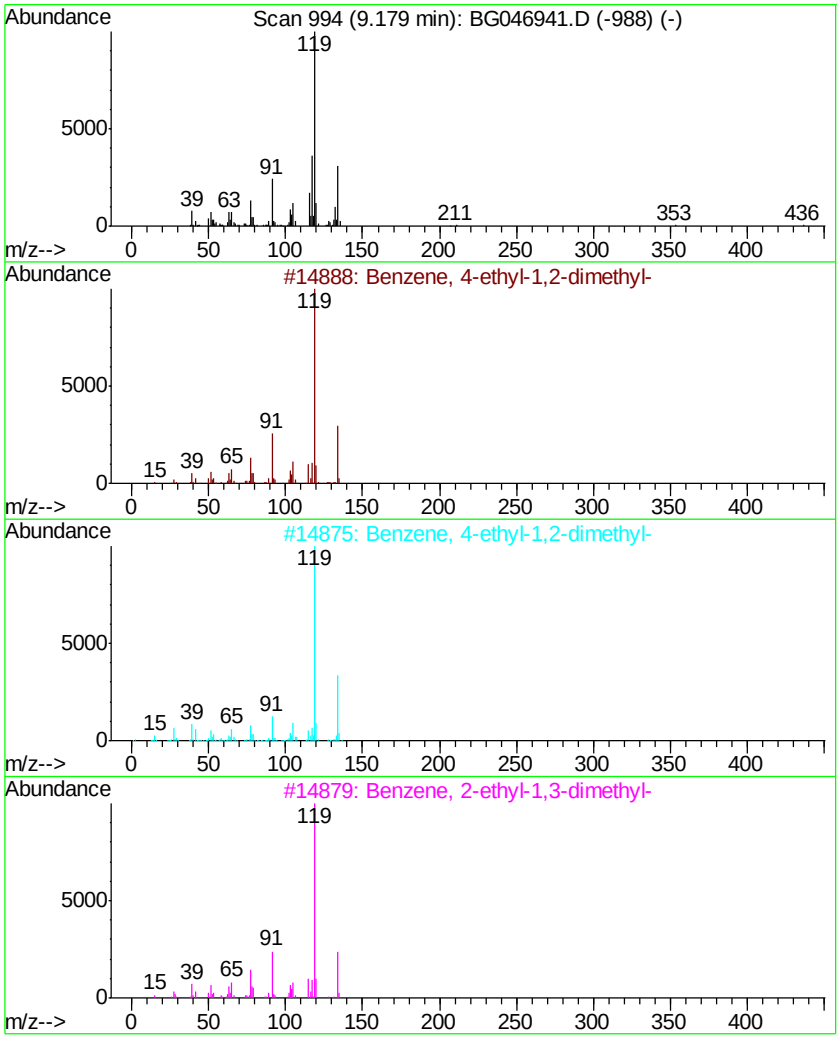
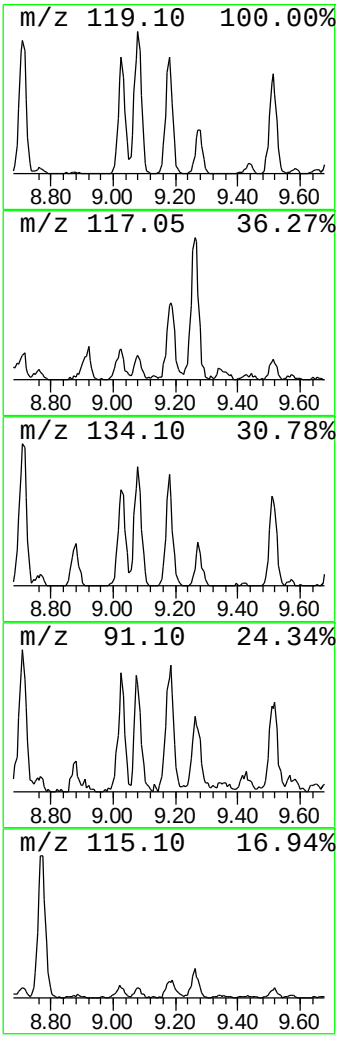
Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	9.60 ng/ul	224501	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76





Library Search Compound Report

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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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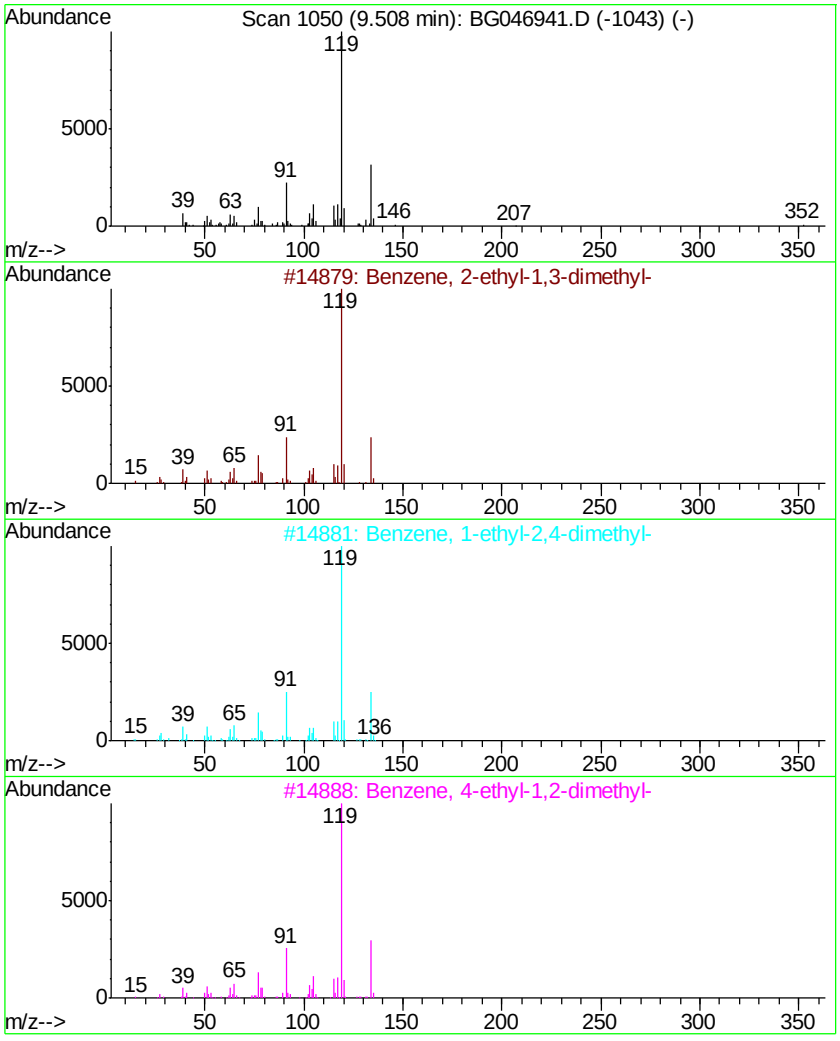
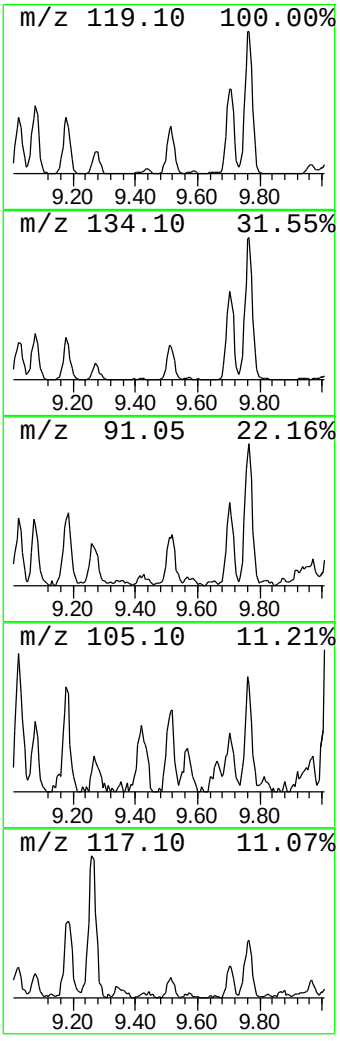
Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	4.57 ng/ul	160409	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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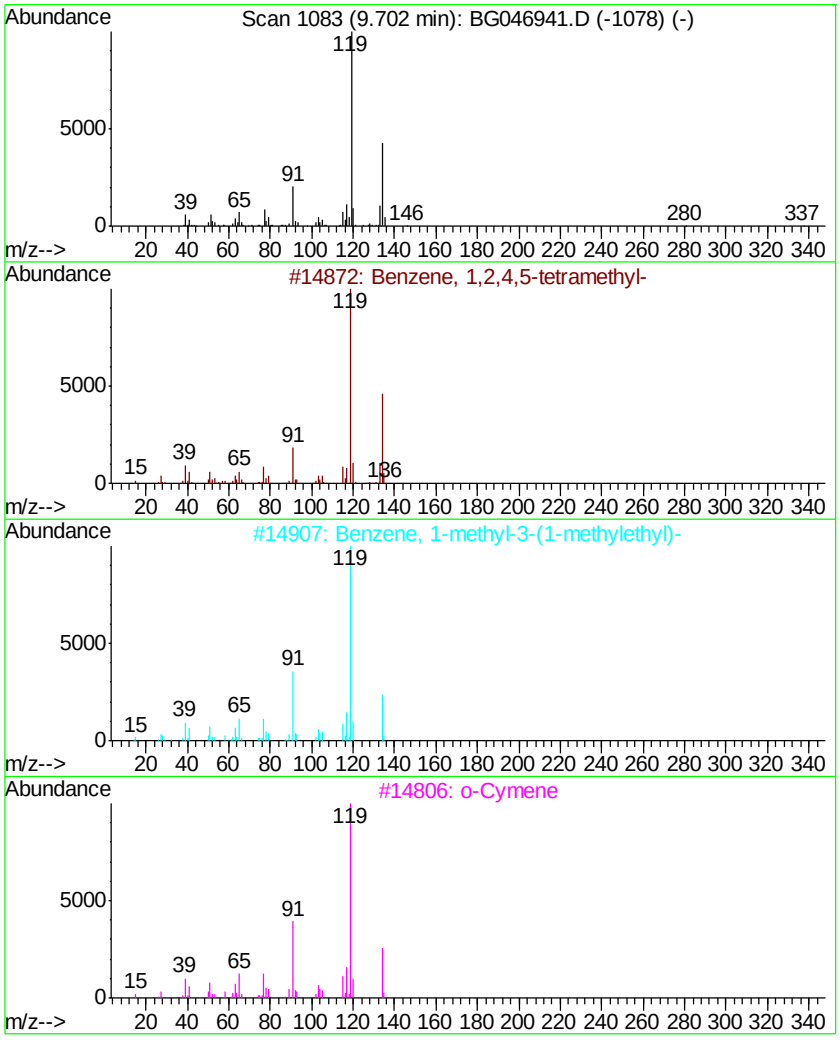
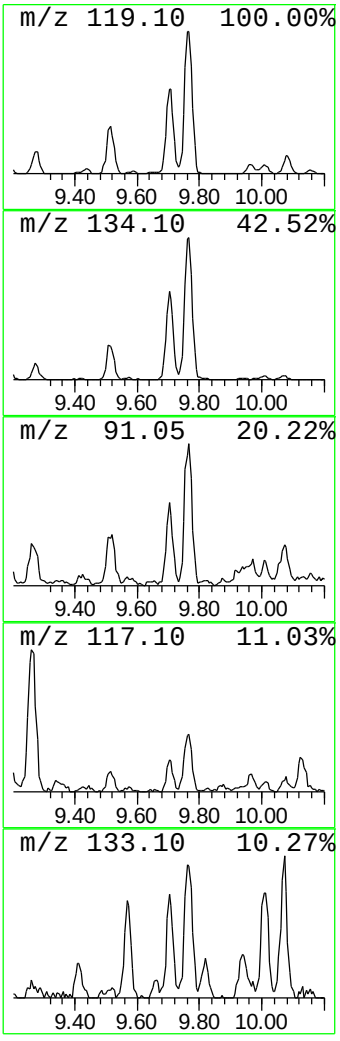
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	6.67 ng/ul	233981	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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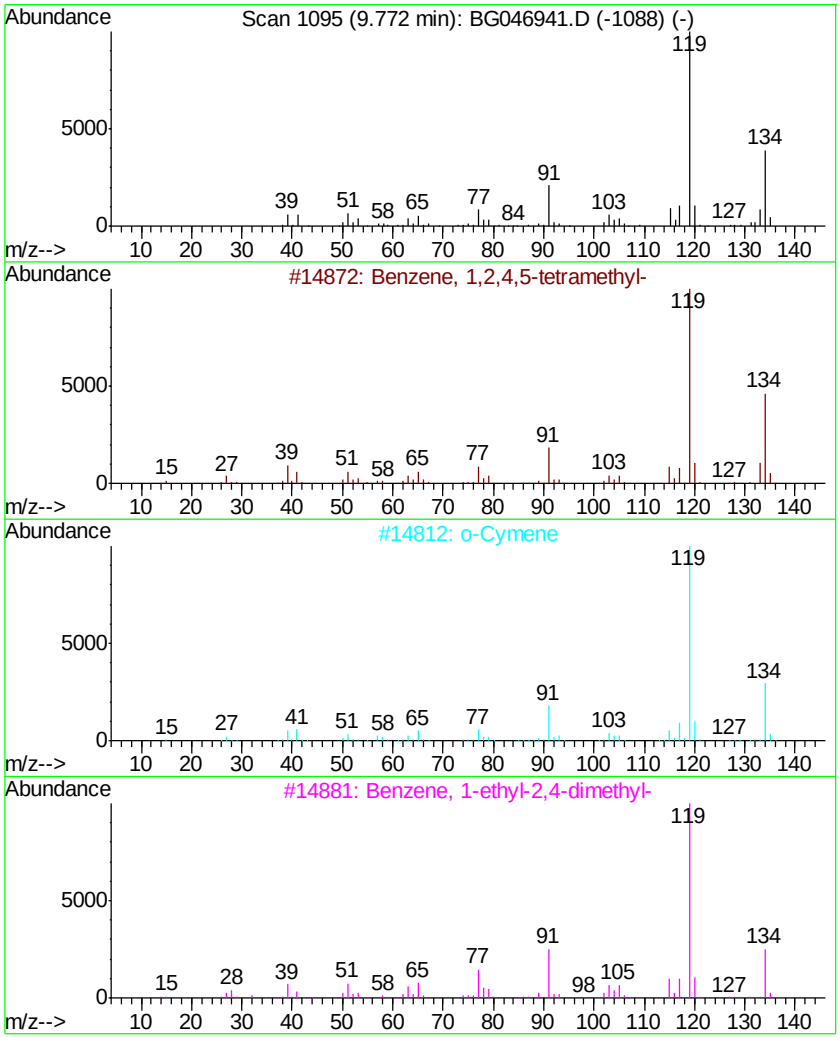
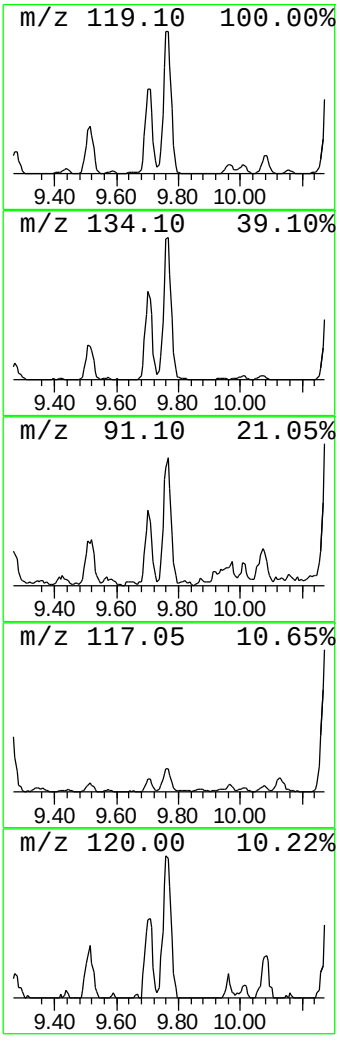
Peak Number 11 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	12.04 ng/ul	422284	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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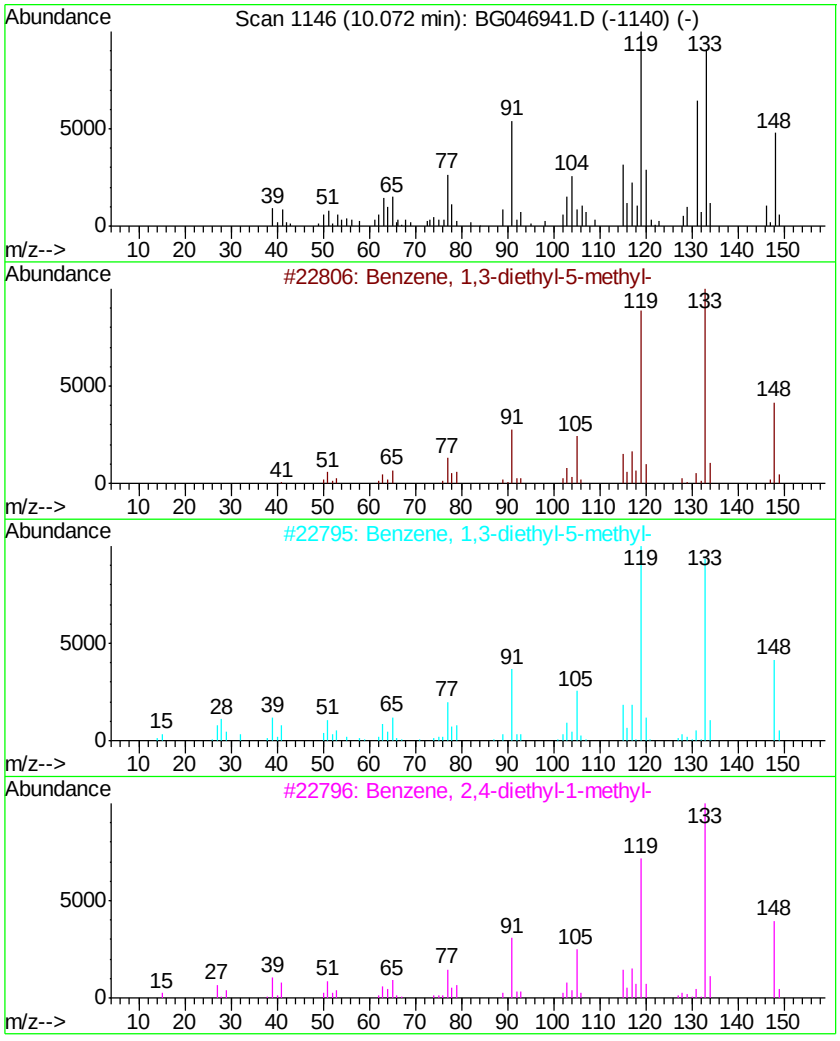
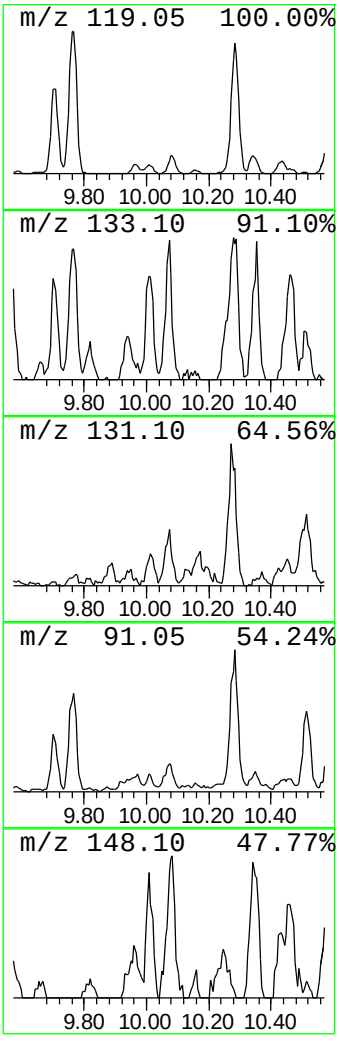
Peak Number 12 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	3.29 ng/ul	115592	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	68
4	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	42
5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	38





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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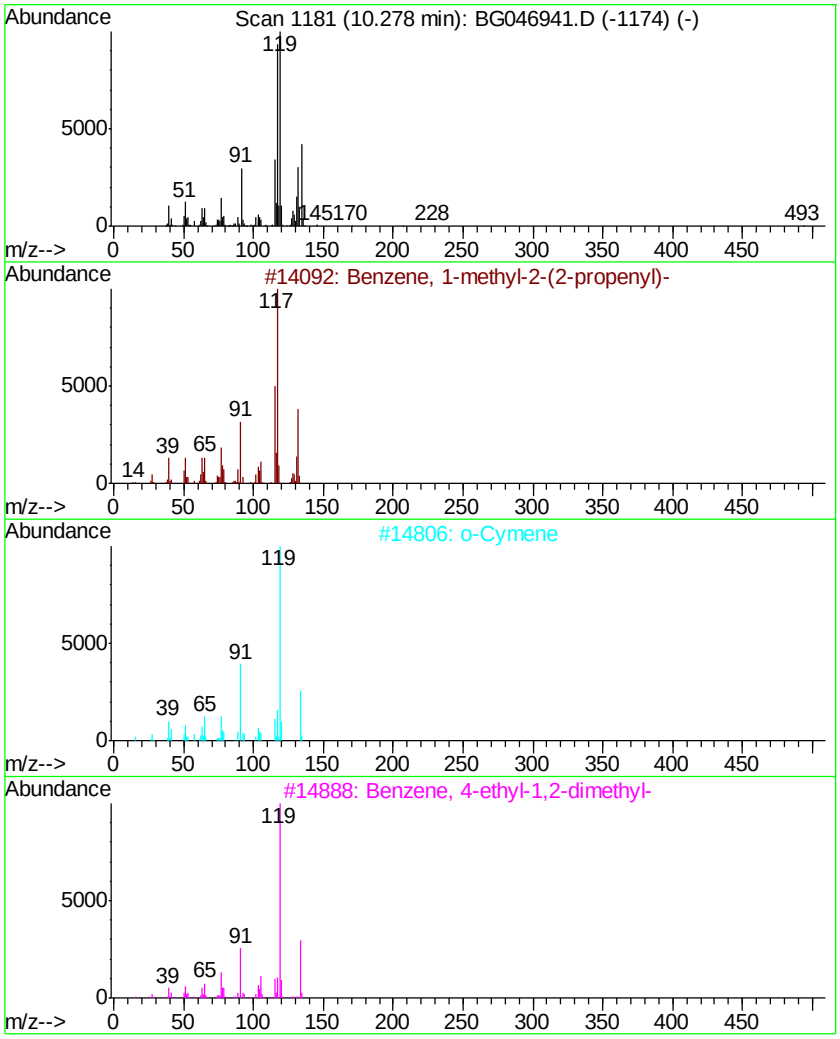
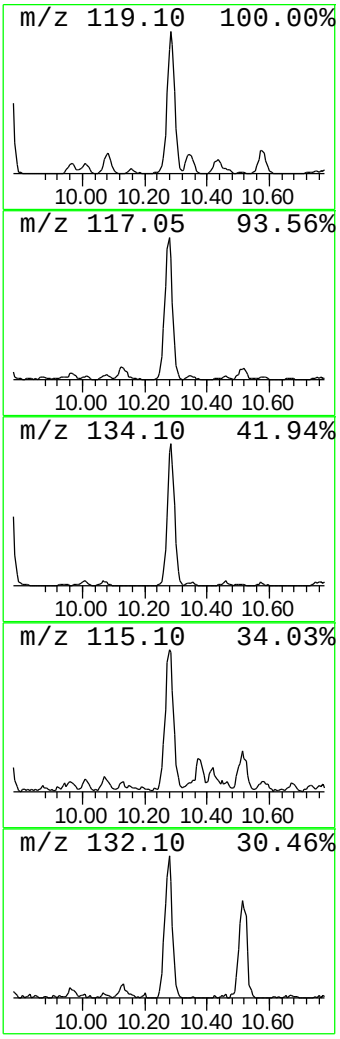
Peak Number 13 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	20.17 ng/ul	707612	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	66
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	52
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	49





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Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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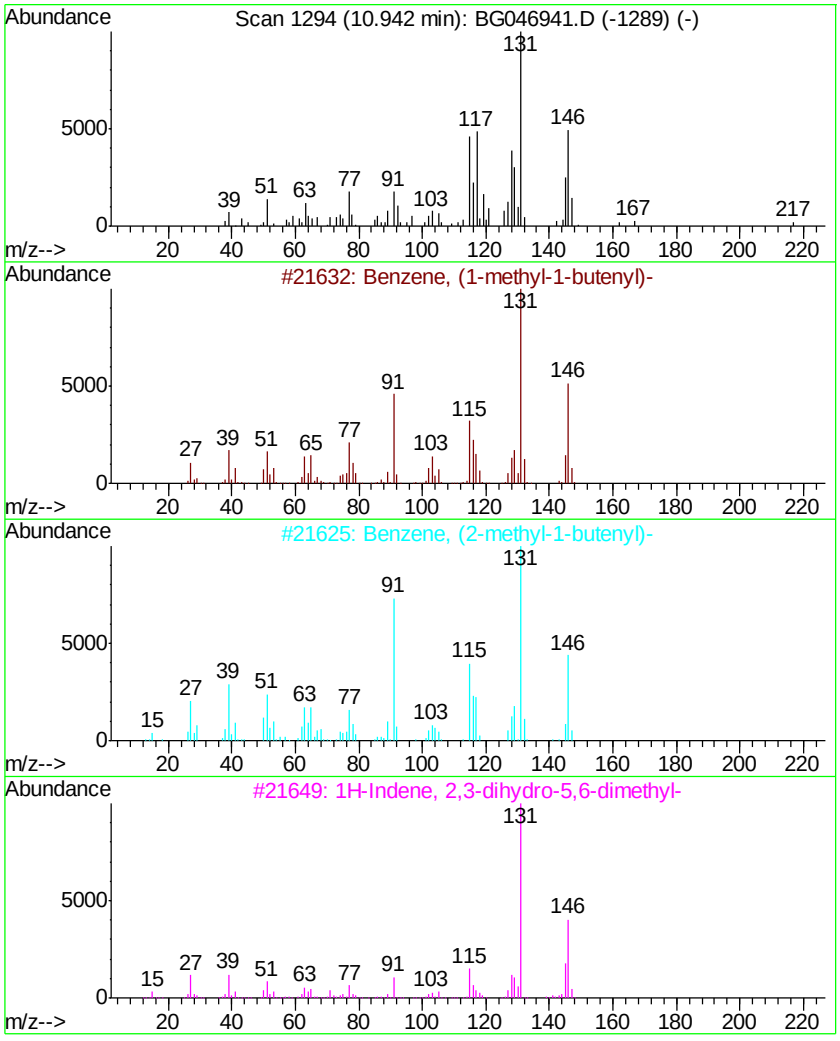
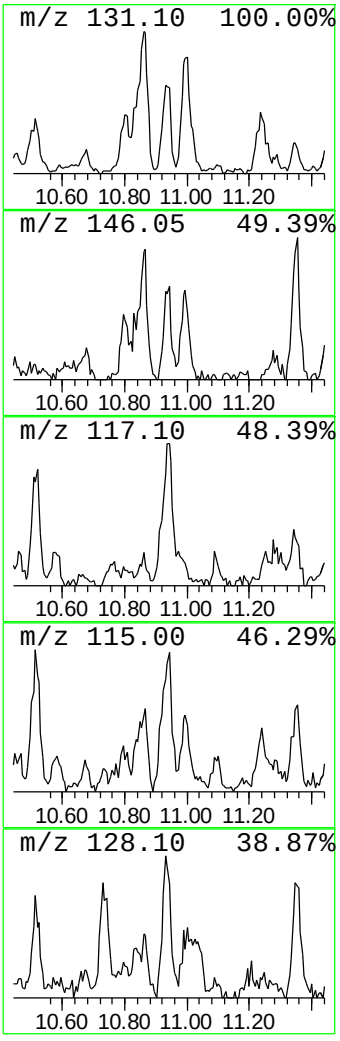
Peak Number 14 Benzene, (1-methyl-1-butenyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	5.30 ng/ul	185793	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	49
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	43
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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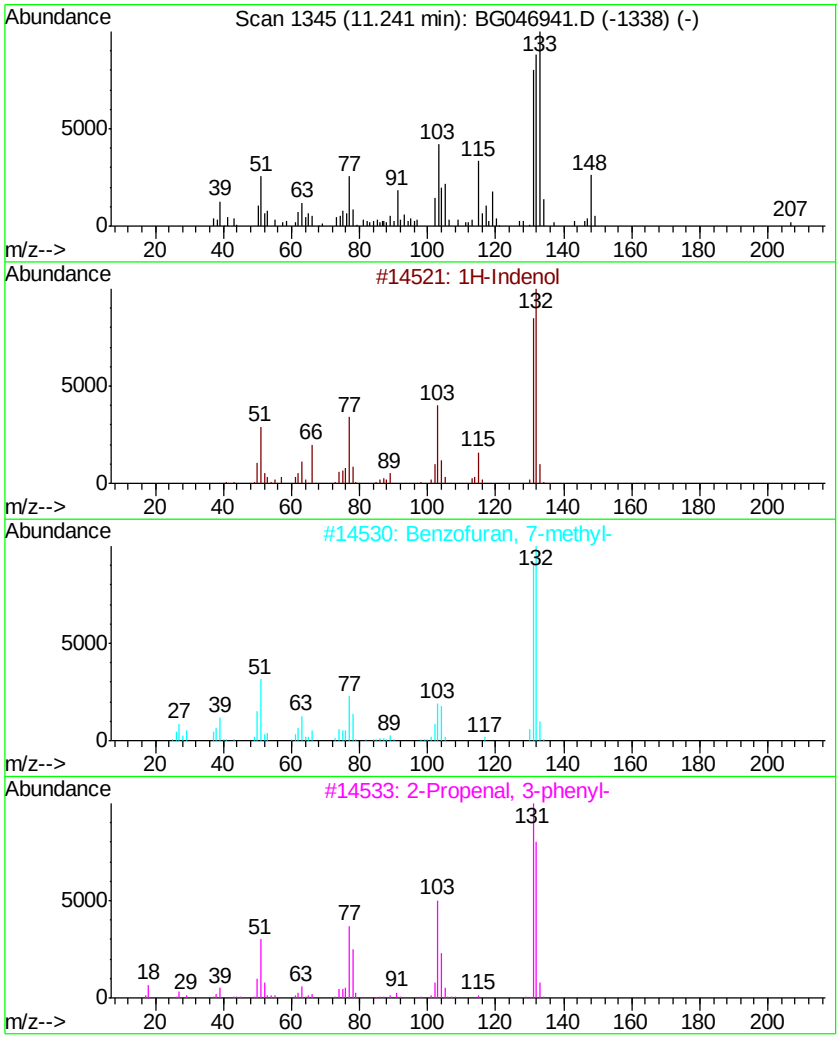
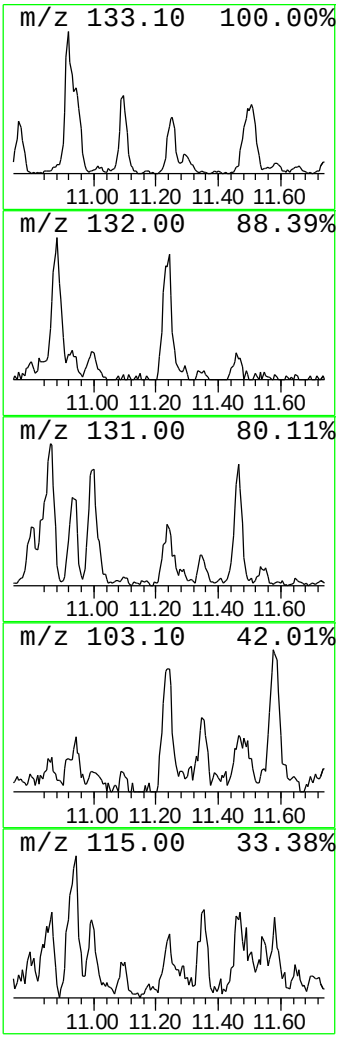
Peak Number 15 1H-Indenol Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	3.69 ng/ul	129539	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indenol	132	C9H8O	056631-57-3	78
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	55
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	53
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	46
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	46





Library Search Compound Report

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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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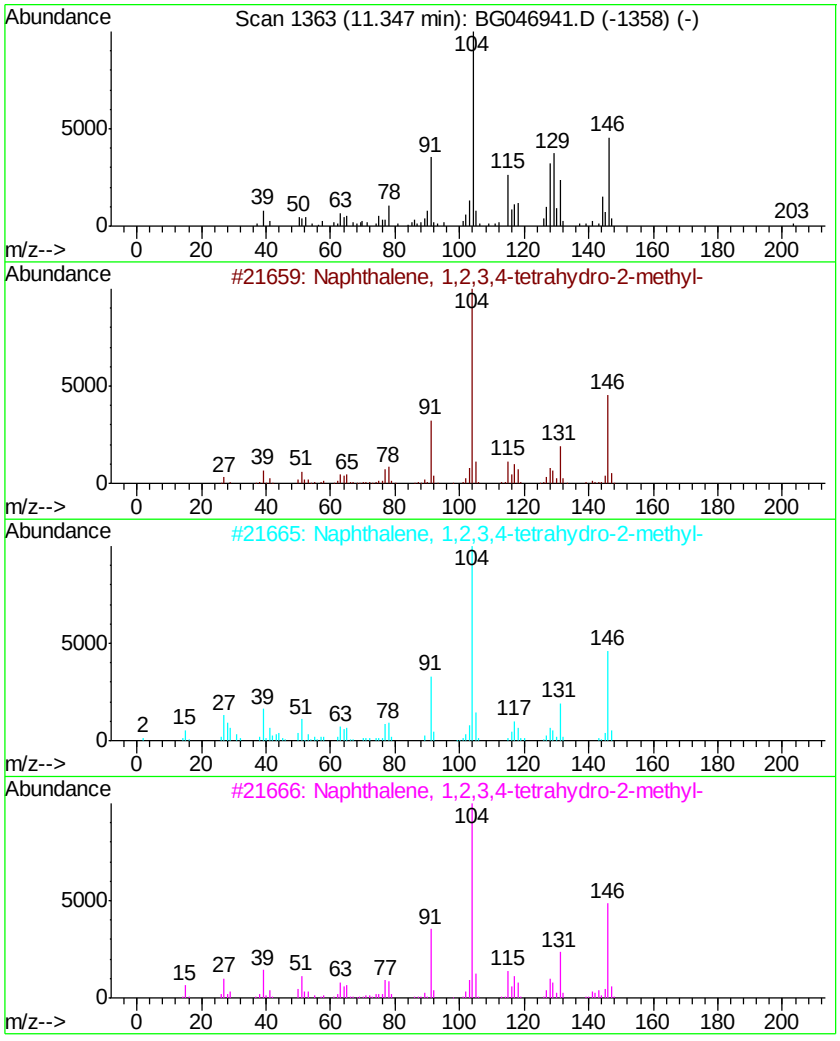
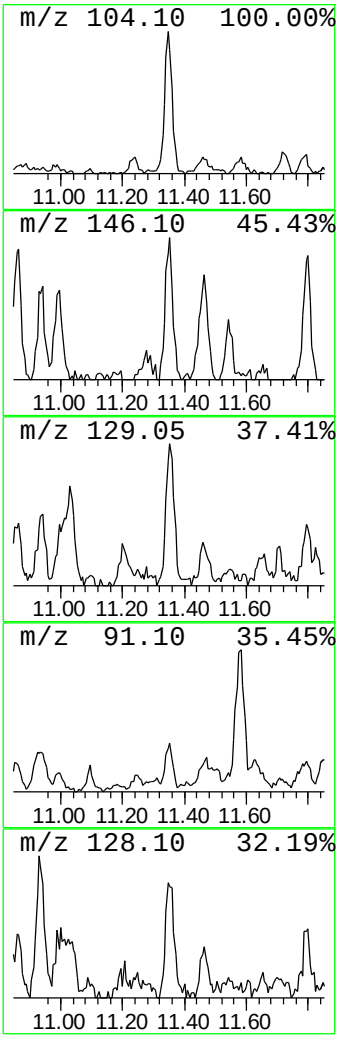
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.39 ng/ul	118816	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	50
5	Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	47





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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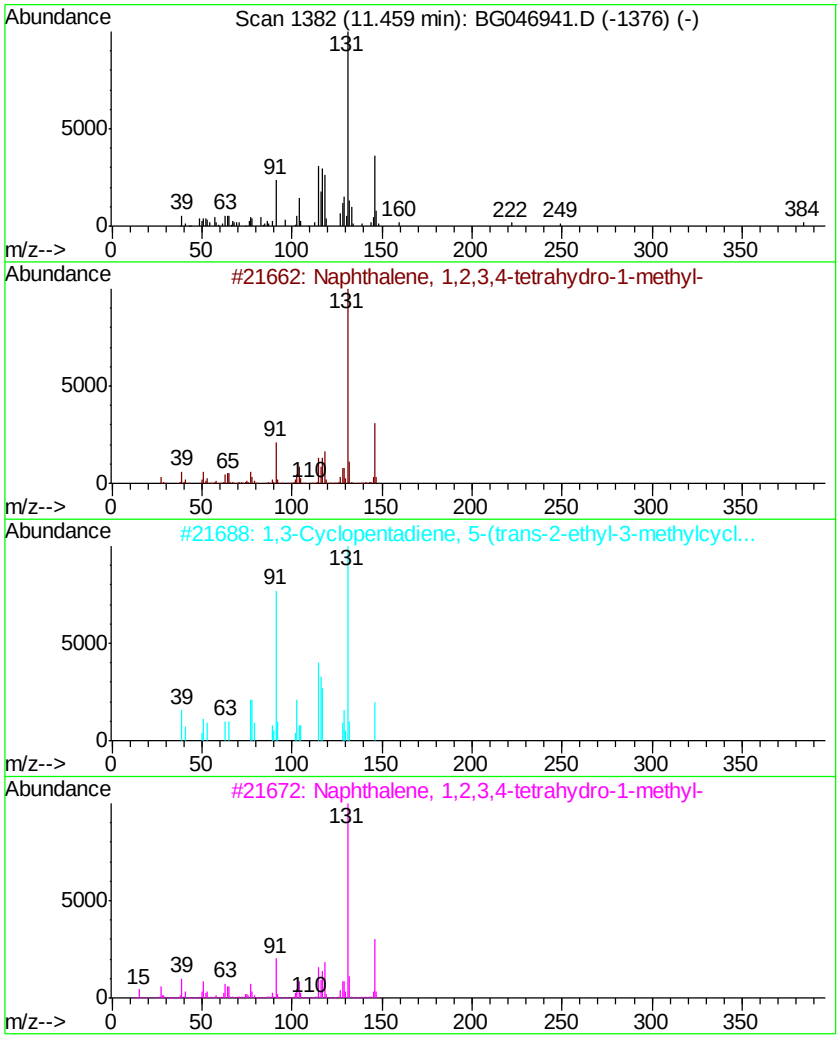
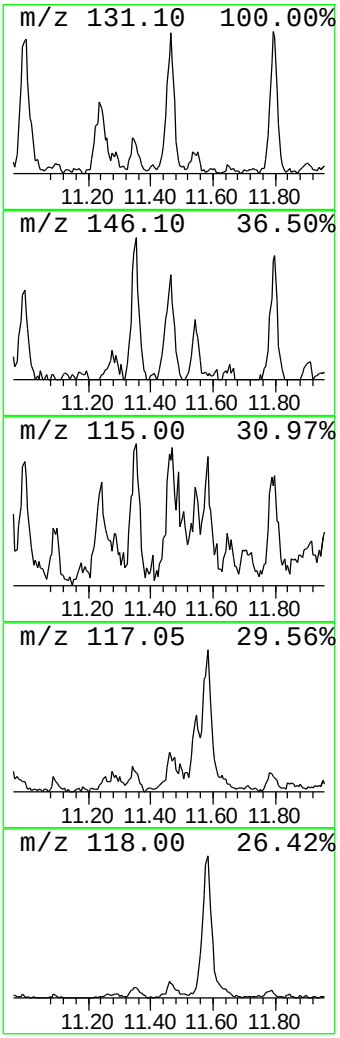
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.22 ng/ul	112902	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	76





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Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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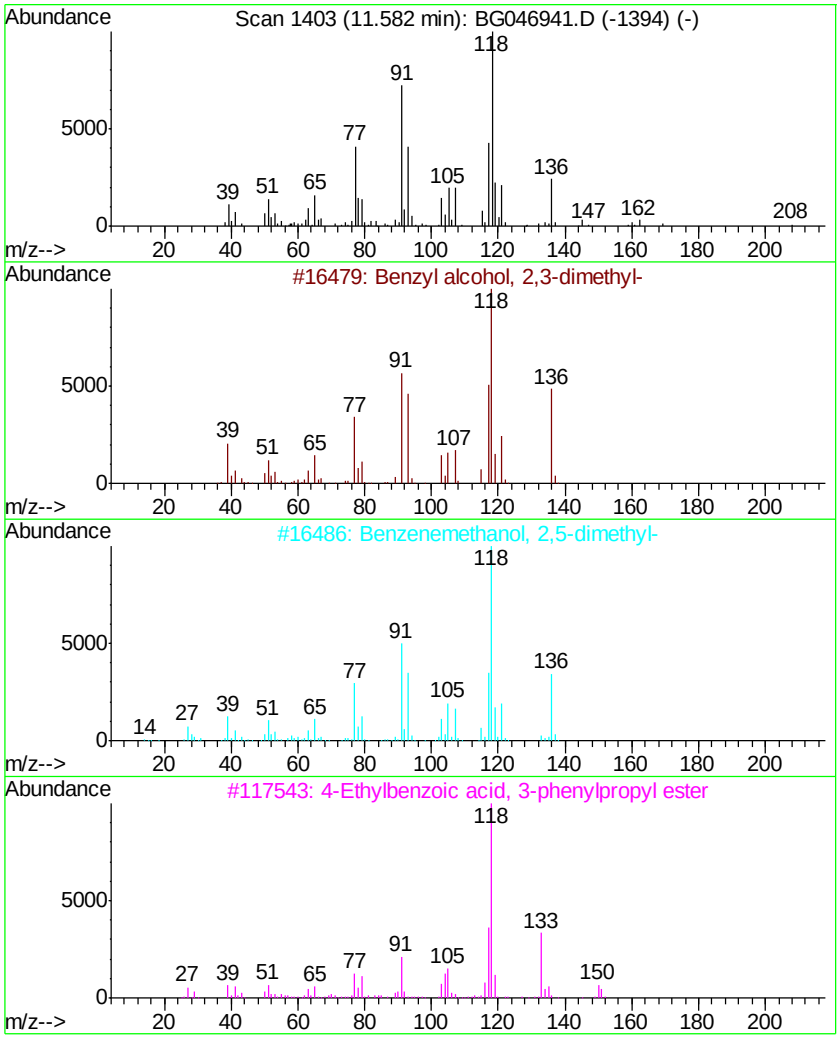
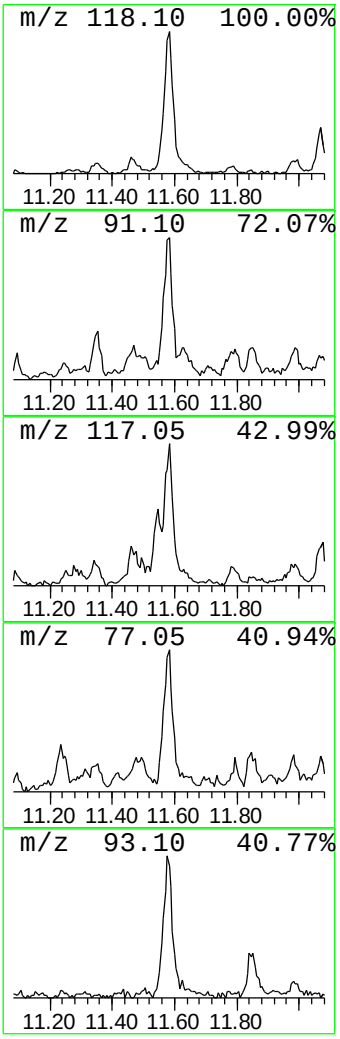
Peak Number 18 Benzyl alcohol, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	8.19 ng/ul	287393	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol, 2,3-dimethyl-	136	C9H12O	013651-14-4	97
2	Benzenemethanol, 2,5-dimethyl-	136	C9H12O	053957-33-8	94
3	4-Ethylbenzoic acid, 3-phenylpro...	268	C18H20O2	1000293-50-2	50
4	1,3-Propanediol, 2-methyl-2-phenyl-	166	C10H14O2	024765-53-5	47
5	5-Chloropentanoic acid, 3-phenyl...	254	C14H19ClO2	1000293-49-2	43





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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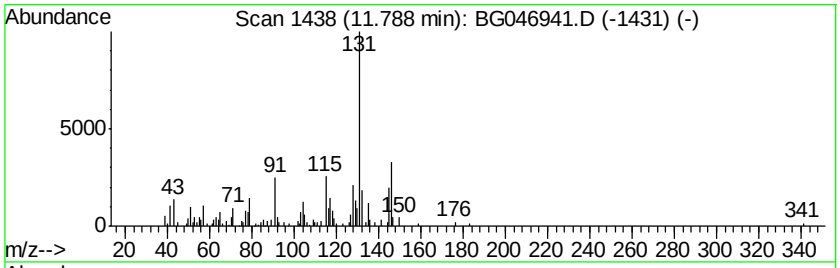
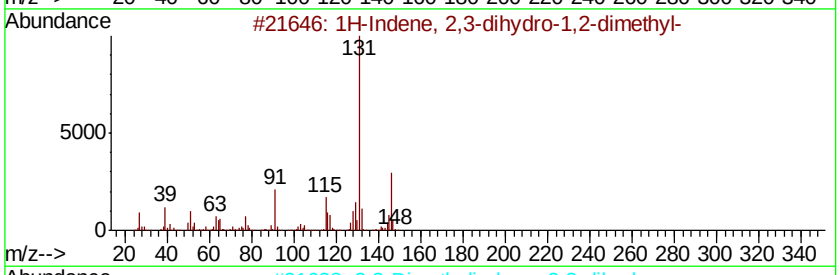
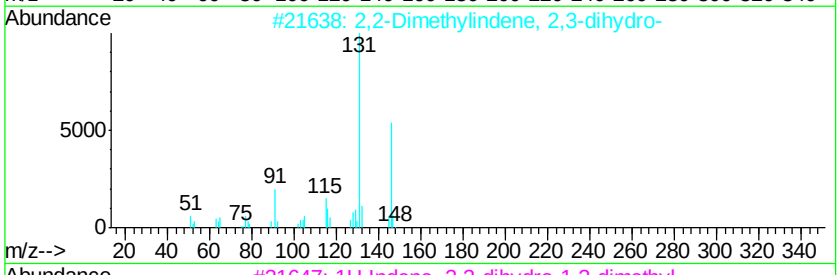
Peak Number 19 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 45

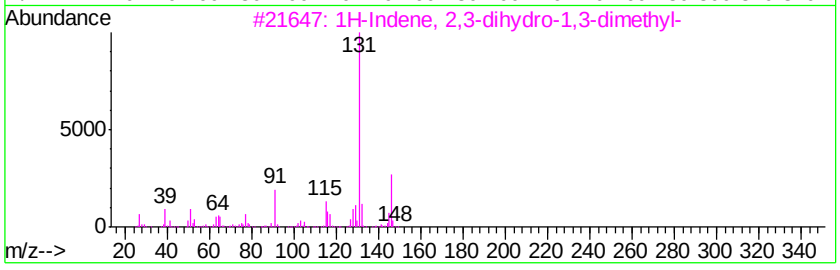
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.90 ng/ul	136760	Naphthalene-d8	10.88

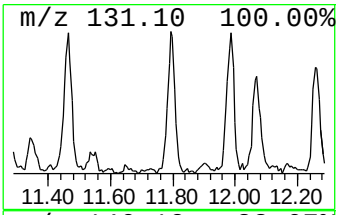
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87

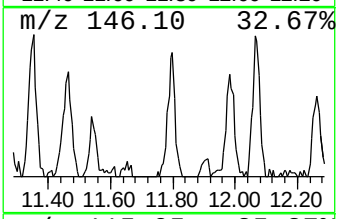


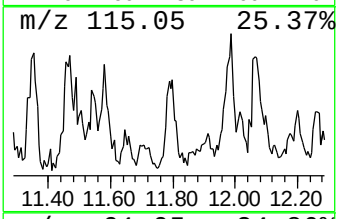


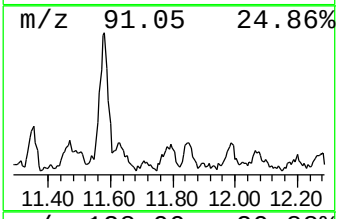


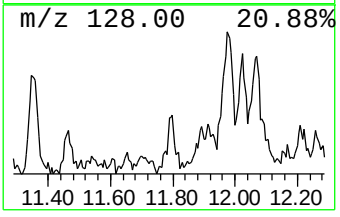












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Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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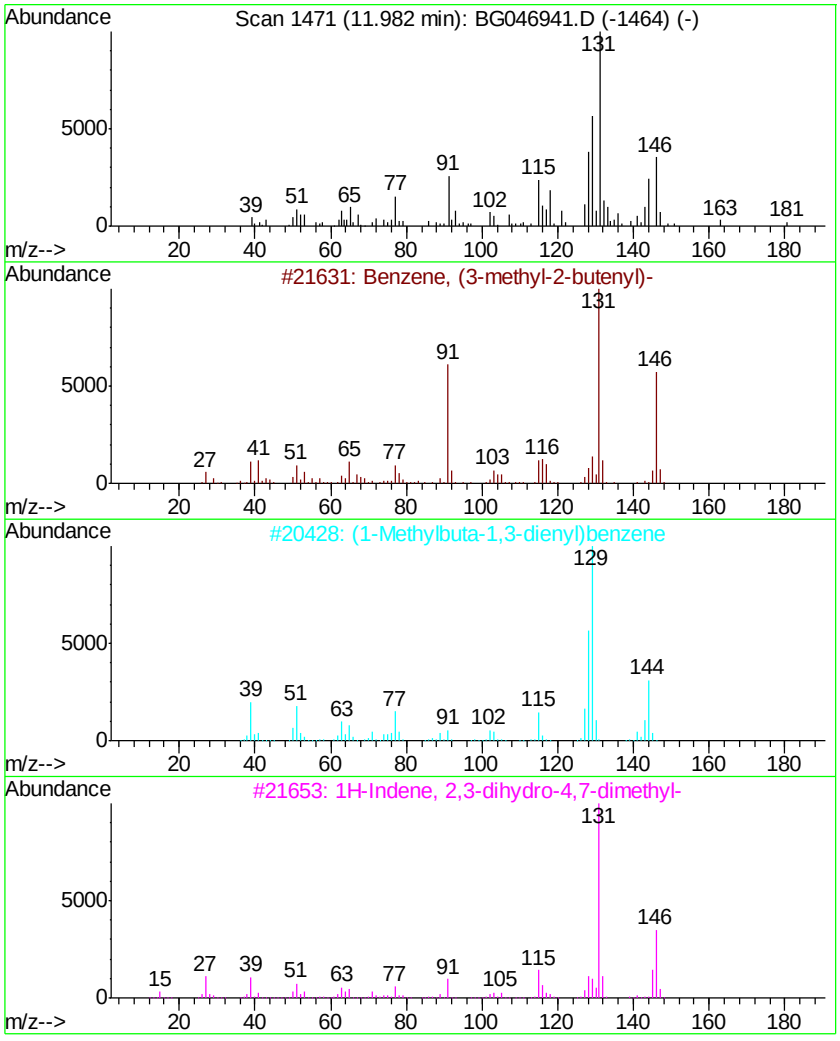
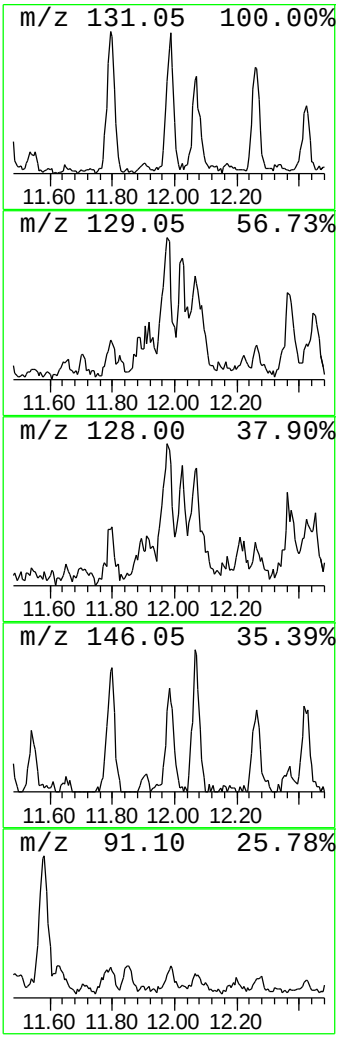
Peak Number 20 Benzene, (3-methyl-2-butenyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.88 ng/ul	135959	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	49
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	46





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

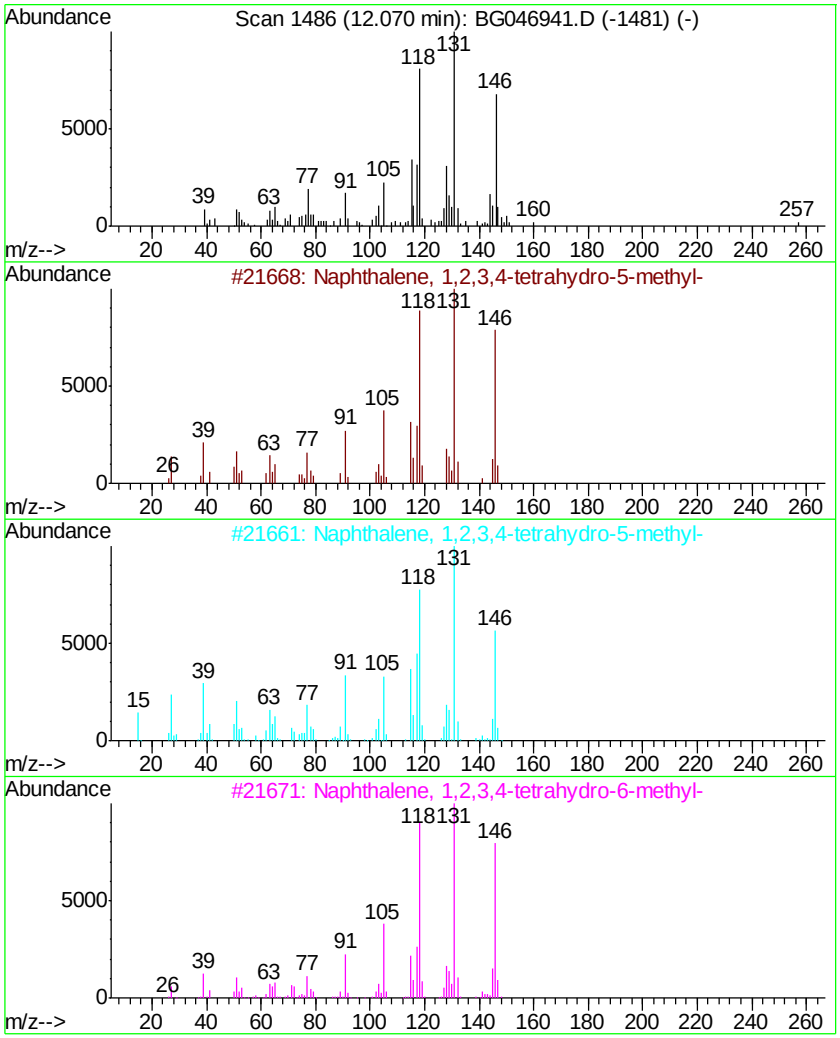
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

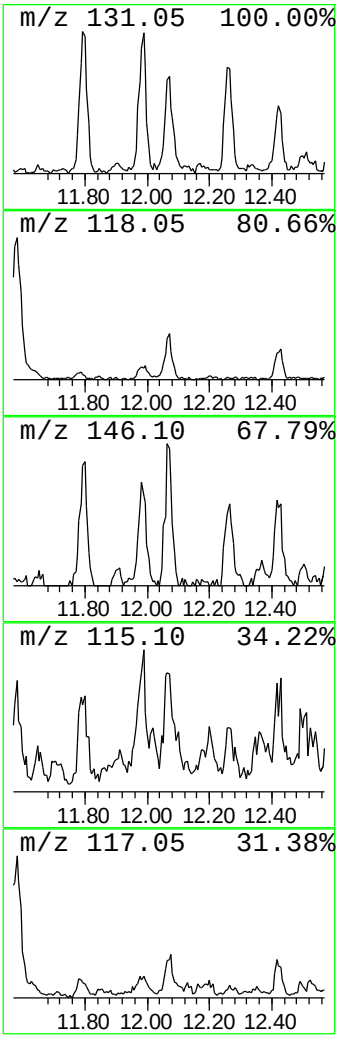
****

Peak Number 21 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.48 ng/ul	122267	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

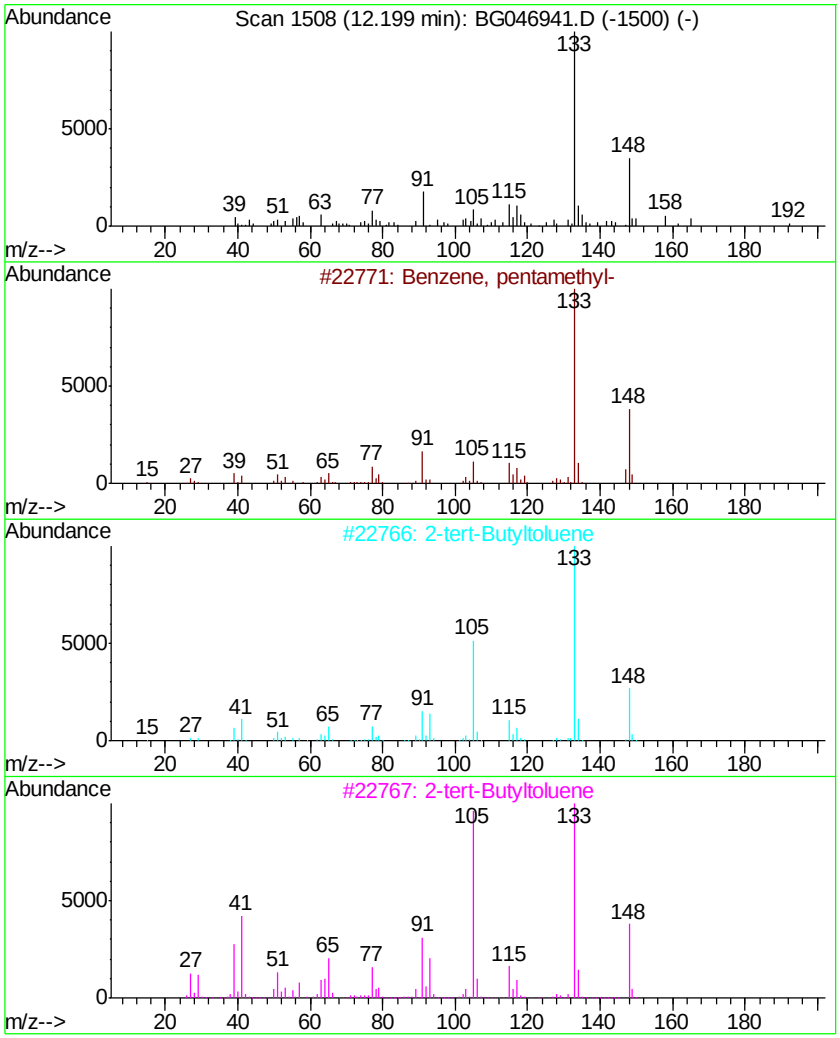
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

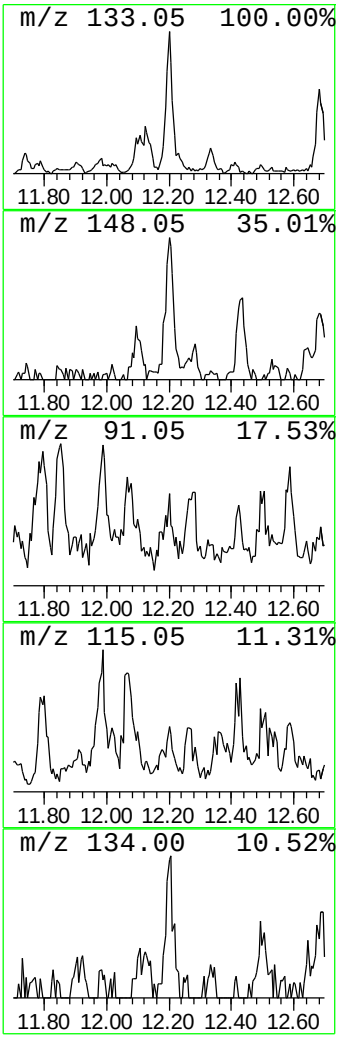
****

Peak Number 22 Benzene, pentamethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.65 ng/ul	93147	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	2-tert-Butyltoluene	148	C11H16	001074-92-6	87
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	87
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83





Library Search Compound Report

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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

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Quant Title : SVOA CALIBRATION

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

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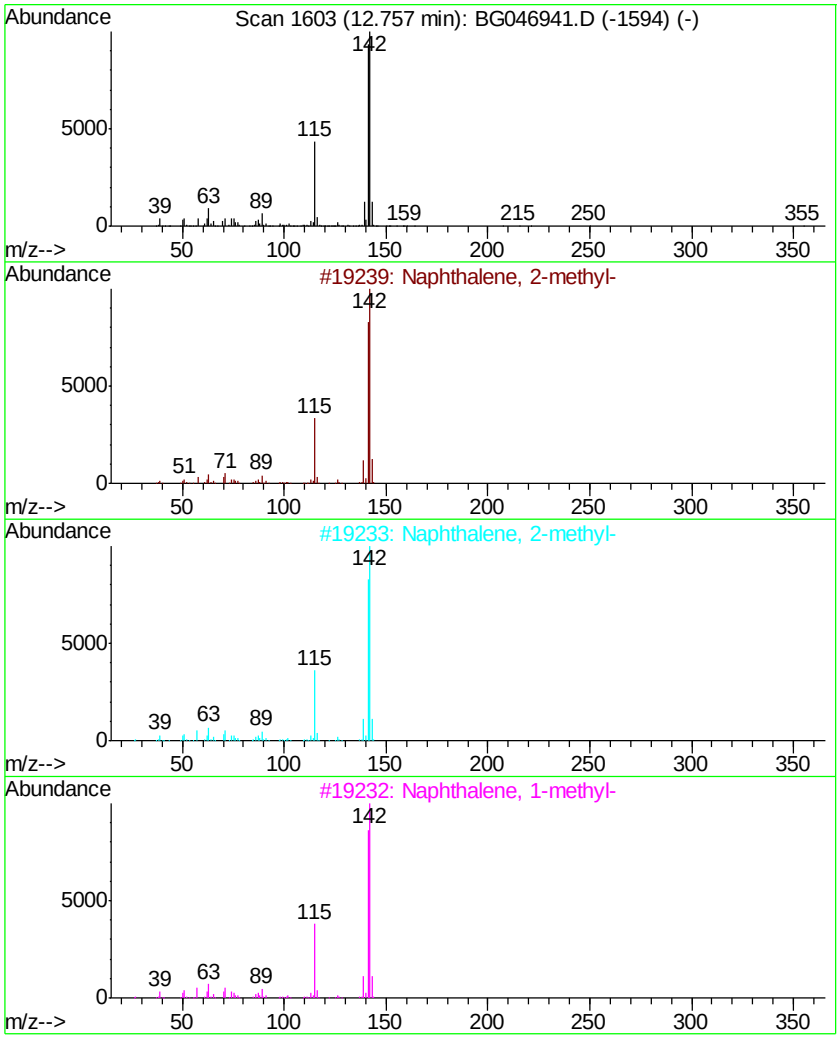
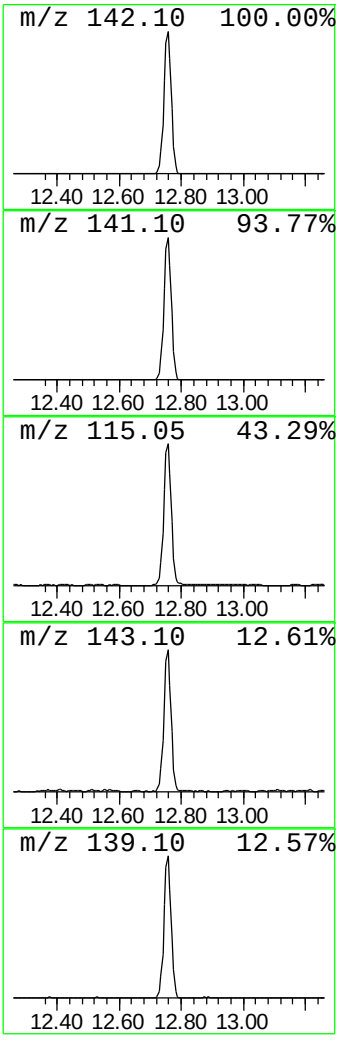
Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	118.50 ng/ul	4157700	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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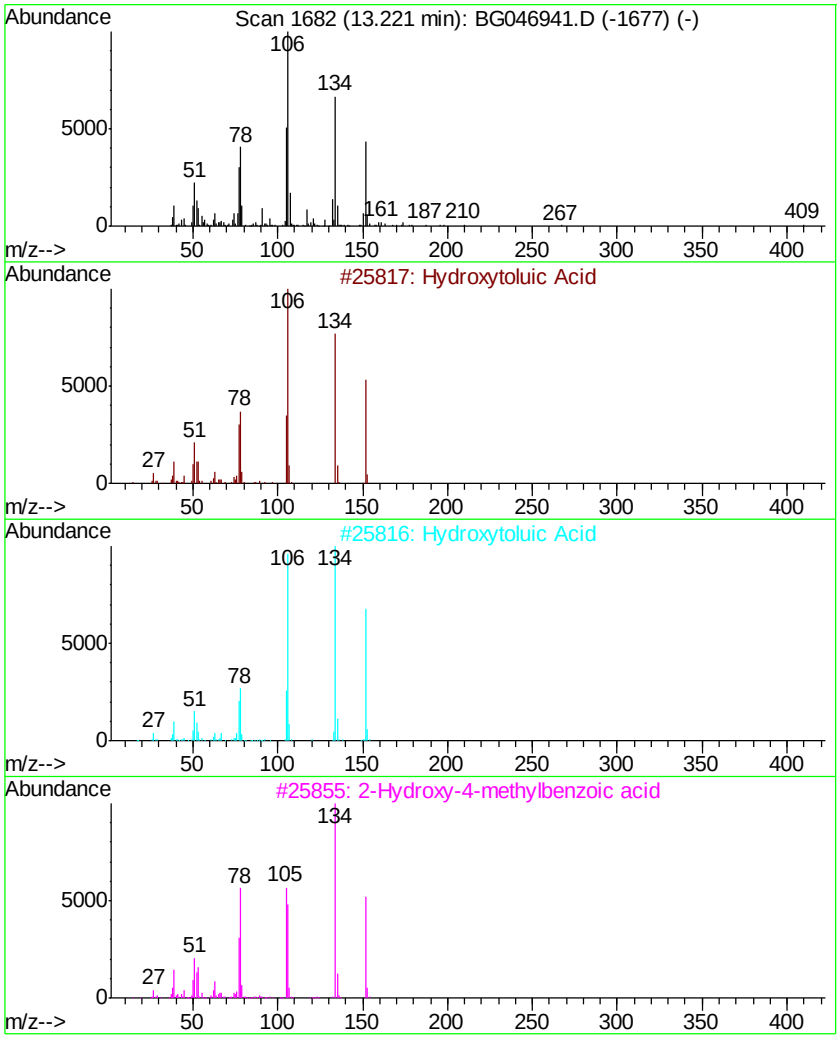
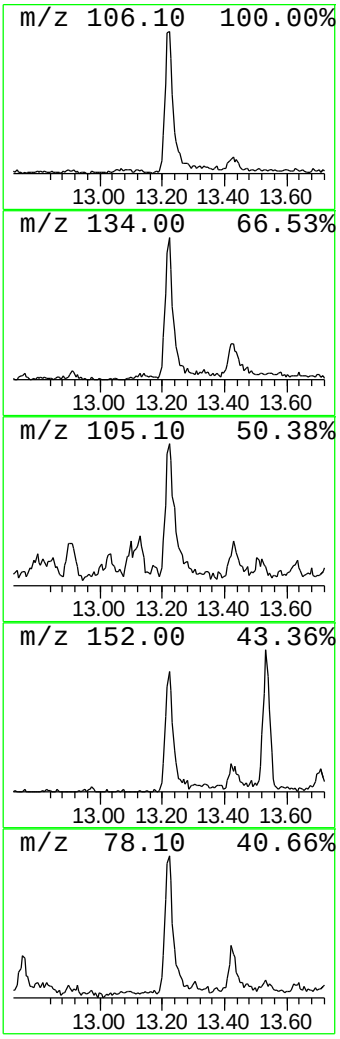
Peak Number 24 Hydroxytoluic Acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	7.74 ng/ul	353648	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxytoluic Acid	152	C8H8O3	000083-40-9	96
2	Hydroxytoluic Acid	152	C8H8O3	000083-40-9	90
3	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	60
4	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	47
5	3-Pyridinecarboxylic acid, 2-pro...	163	C9H9NO2	025635-12-5	46





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Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

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Quant Title : SVOA CALIBRATION

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

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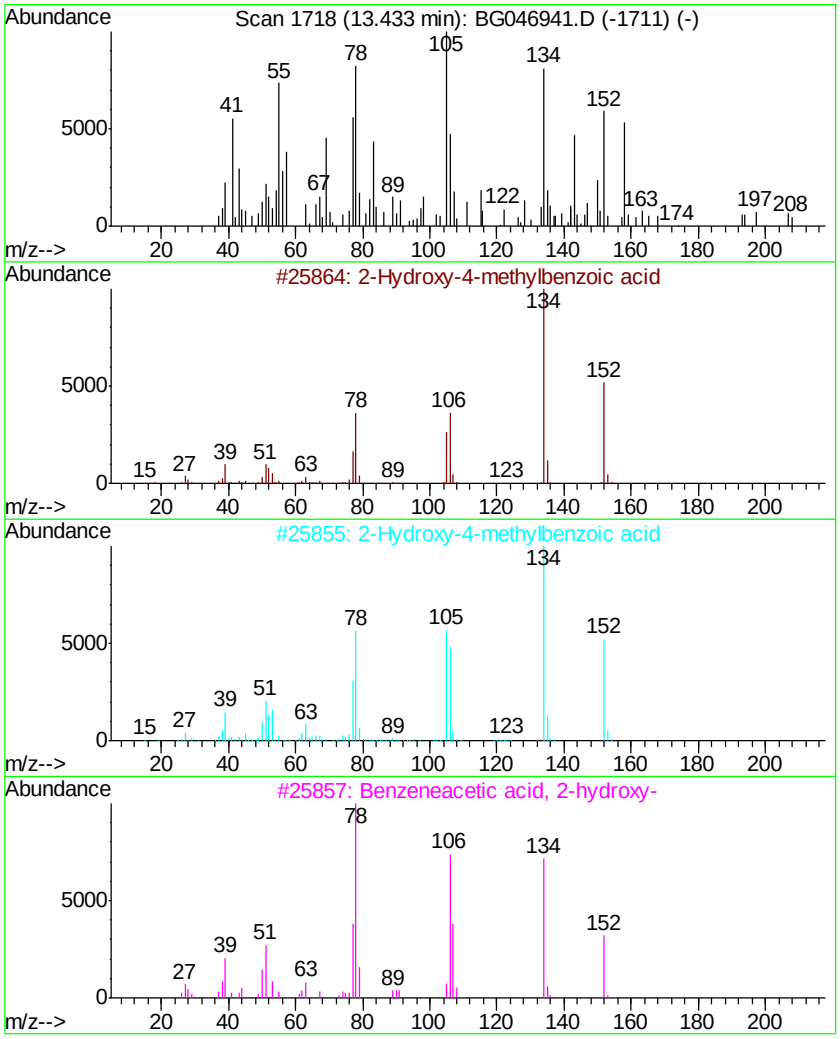
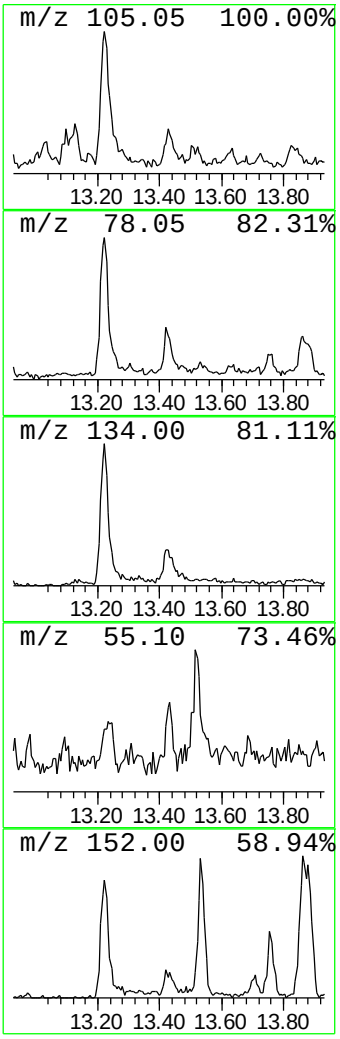
Peak Number 25 2-Hydroxy-4-methylbenzoic acid Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.63 ng/ul	120360	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	90
2	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	90
3	Benzeneacetic acid, 2-hydroxy-	152	C8H8O3	000614-75-5	64
4	Benzoic acid, 2-hydroxy-6-methyl-	152	C8H8O3	000567-61-3	59
5	Benzene, 1-azido-3-methyl-	133	C7H7N3	004113-72-8	58





Library Search Compound Report

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Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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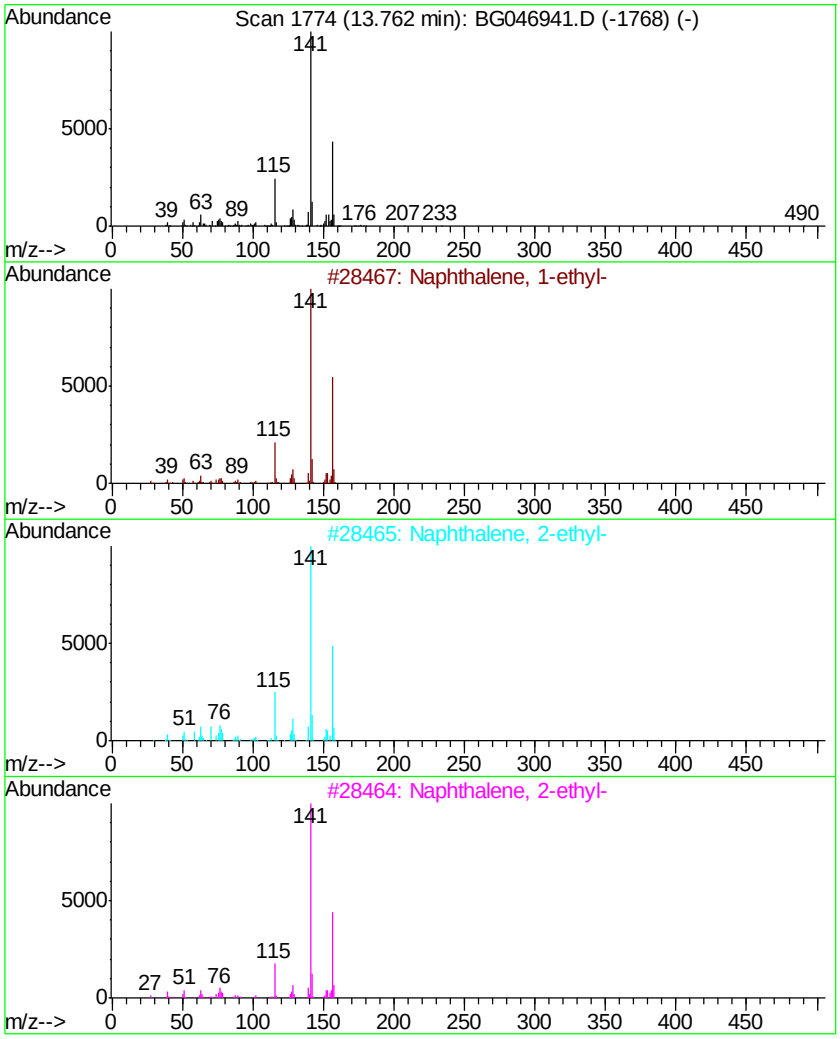
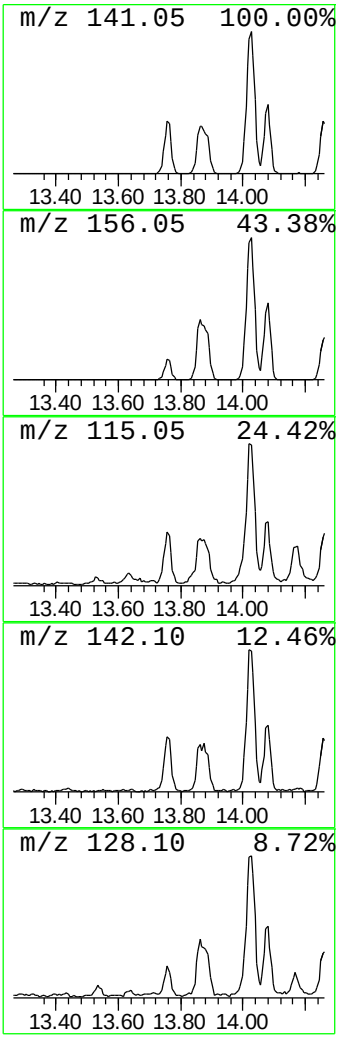
Peak Number 26 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	9.84 ng/ul	449846	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





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Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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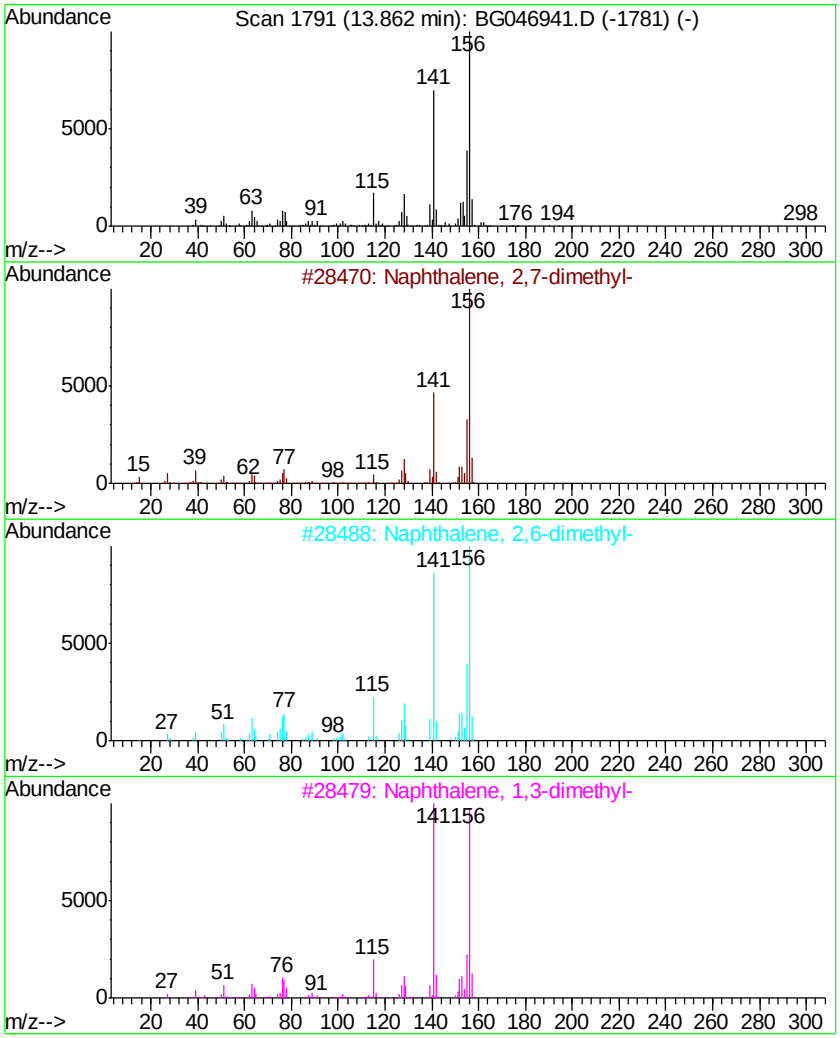
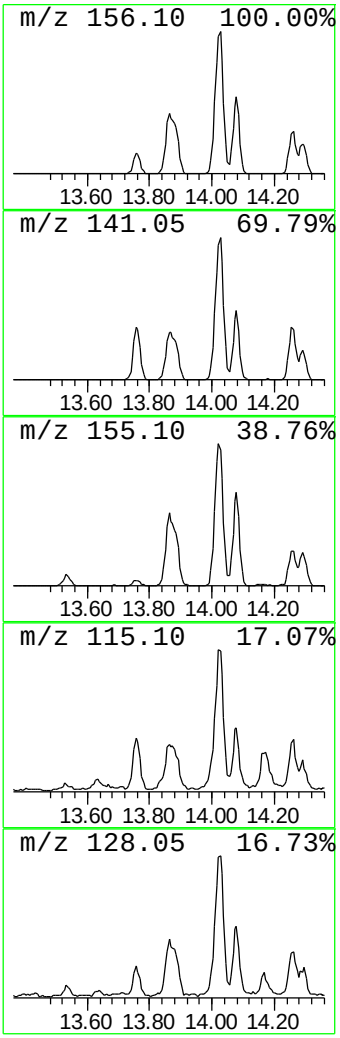
Peak Number 27 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	30.11 ng/ul	1375710	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

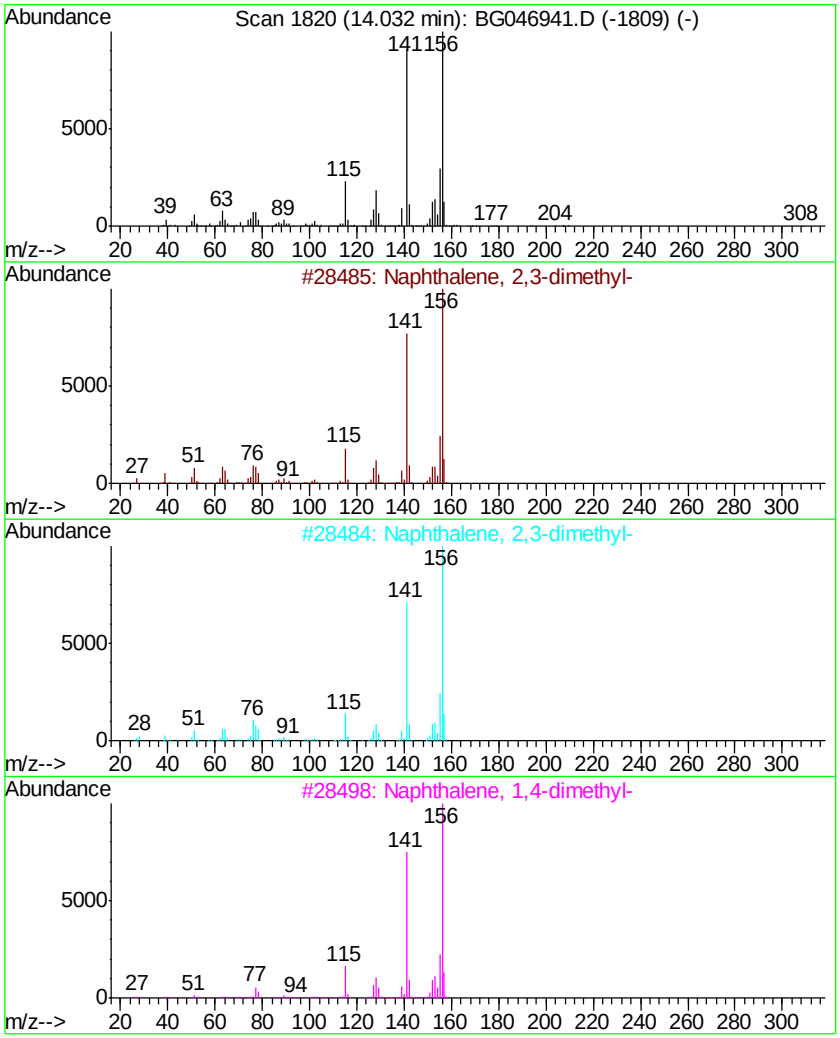
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

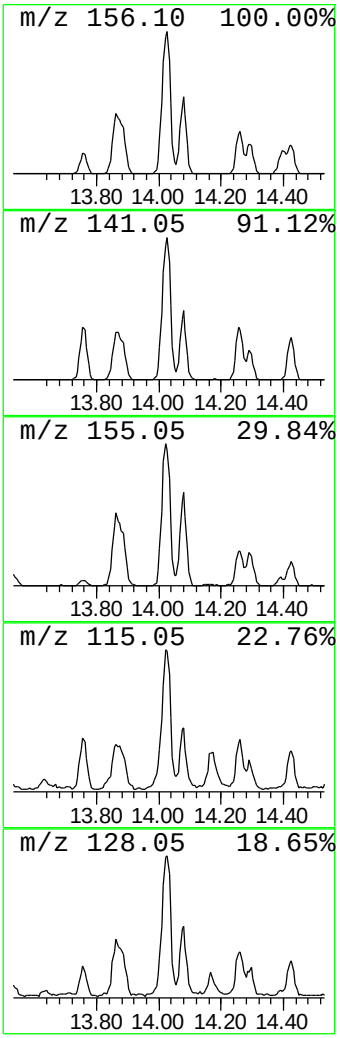
****

Peak Number 28 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	50.73 ng/ul	2318010	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

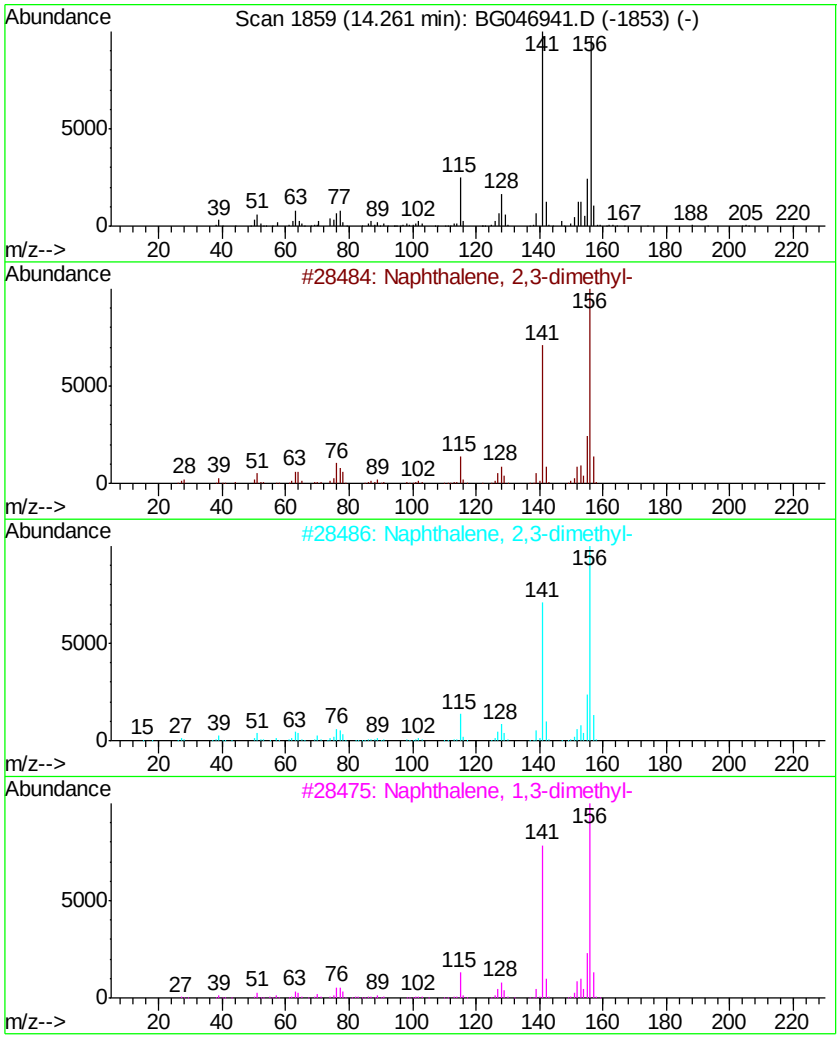
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

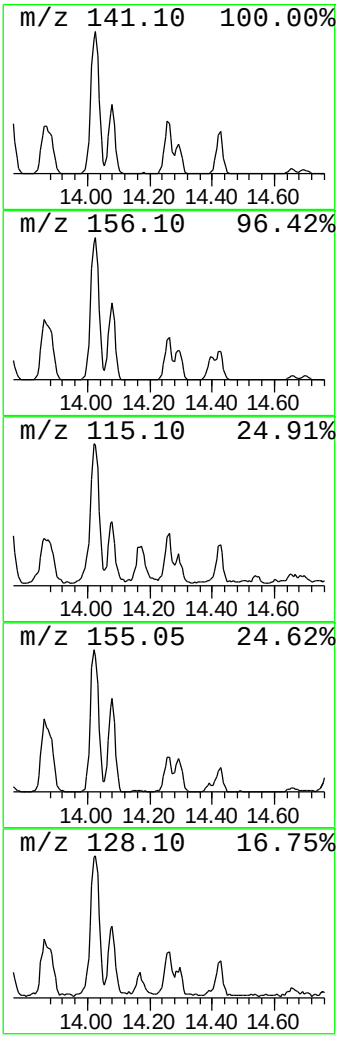
****

Peak Number 29 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	14.09 ng/ul	643864	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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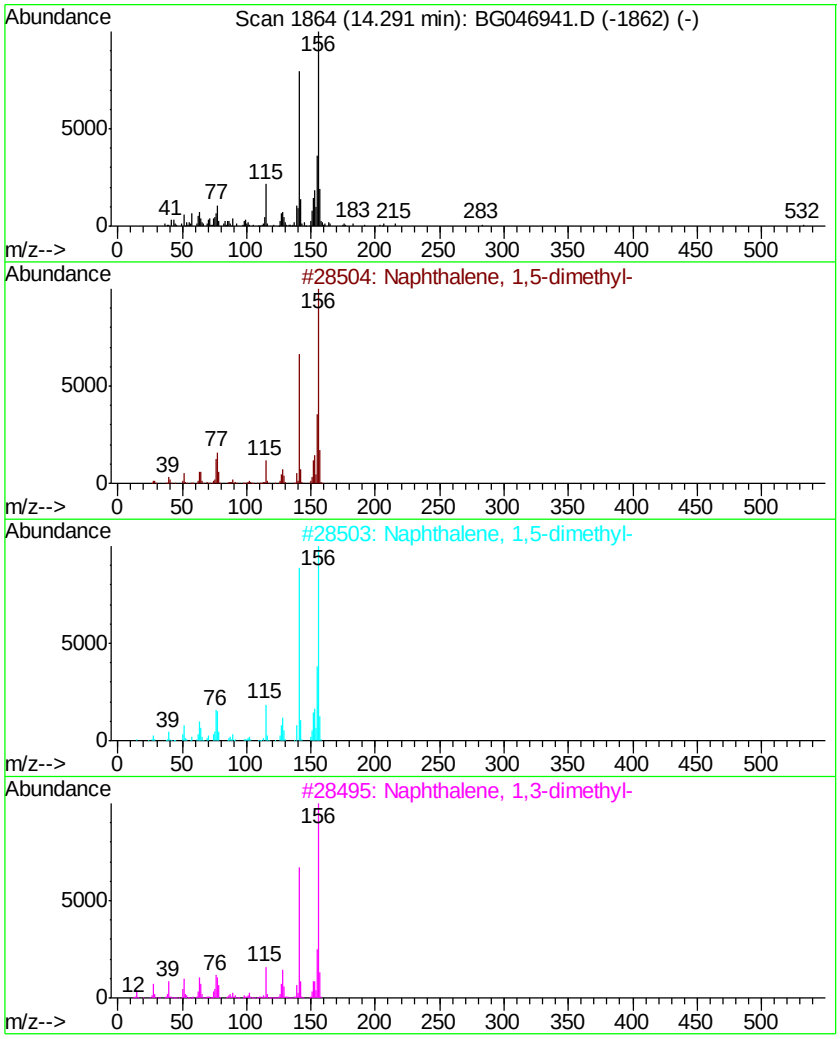
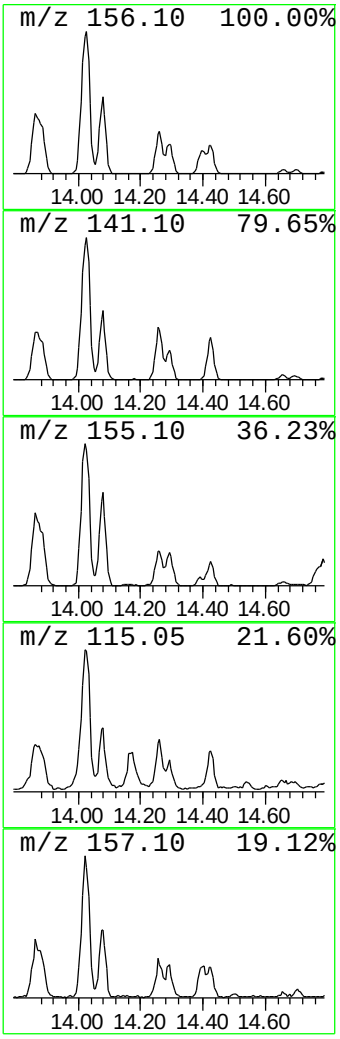
Peak Number 30 Naphthalene, 1,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.64 ng/ul	349304	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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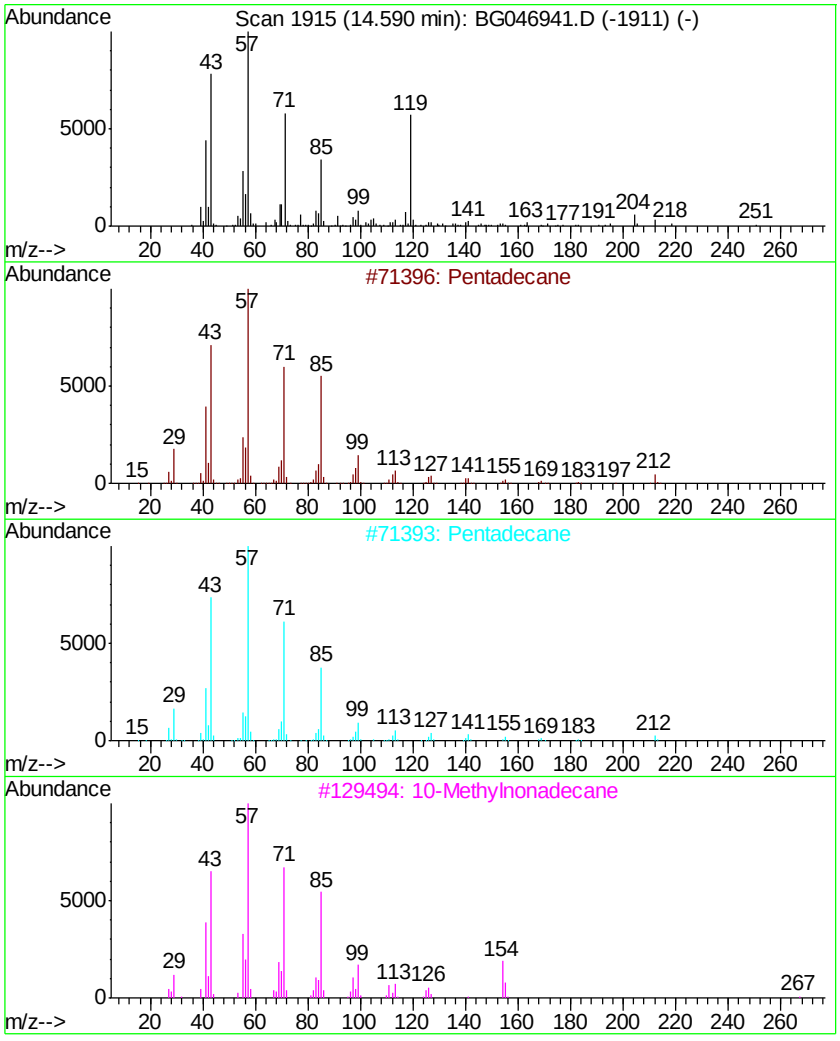
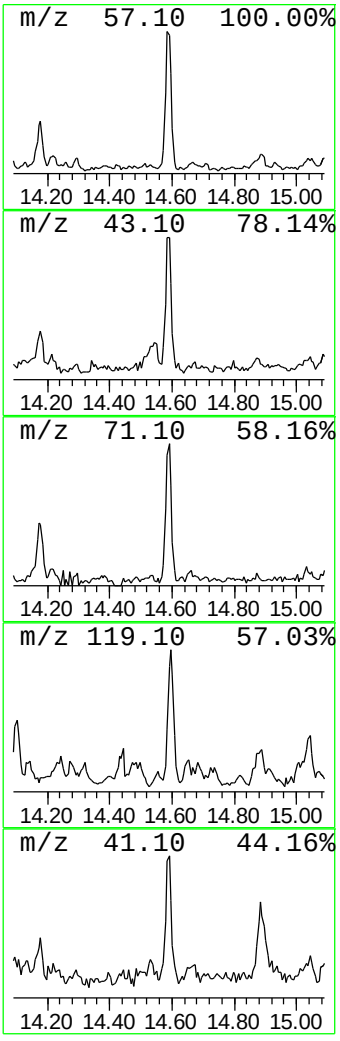
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.03 ng/ul	184171	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Pentadecane	212	C15H32	000629-62-9	60
3	10-Methylnonadecane	282	C20H42	056862-62-5	58
4	Nonadecane	268	C19H40	000629-92-5	52
5	Tetradecane	198	C14H30	000629-59-4	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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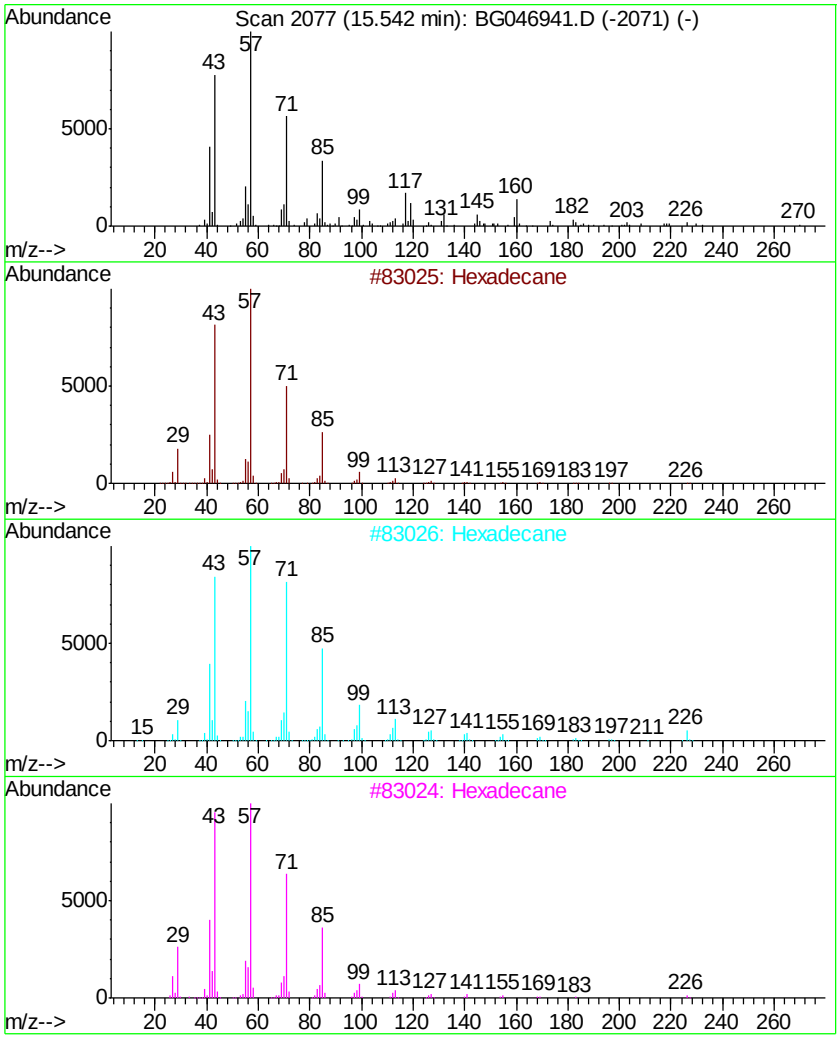
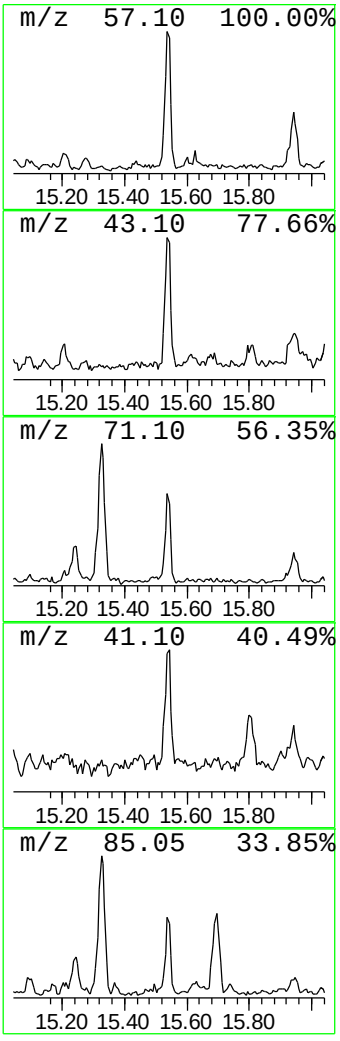
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	8.24 ng/ul	376400	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	89
3	Hexadecane	226	C16H34	000544-76-3	76
4	Hexadecane	226	C16H34	000544-76-3	59
5	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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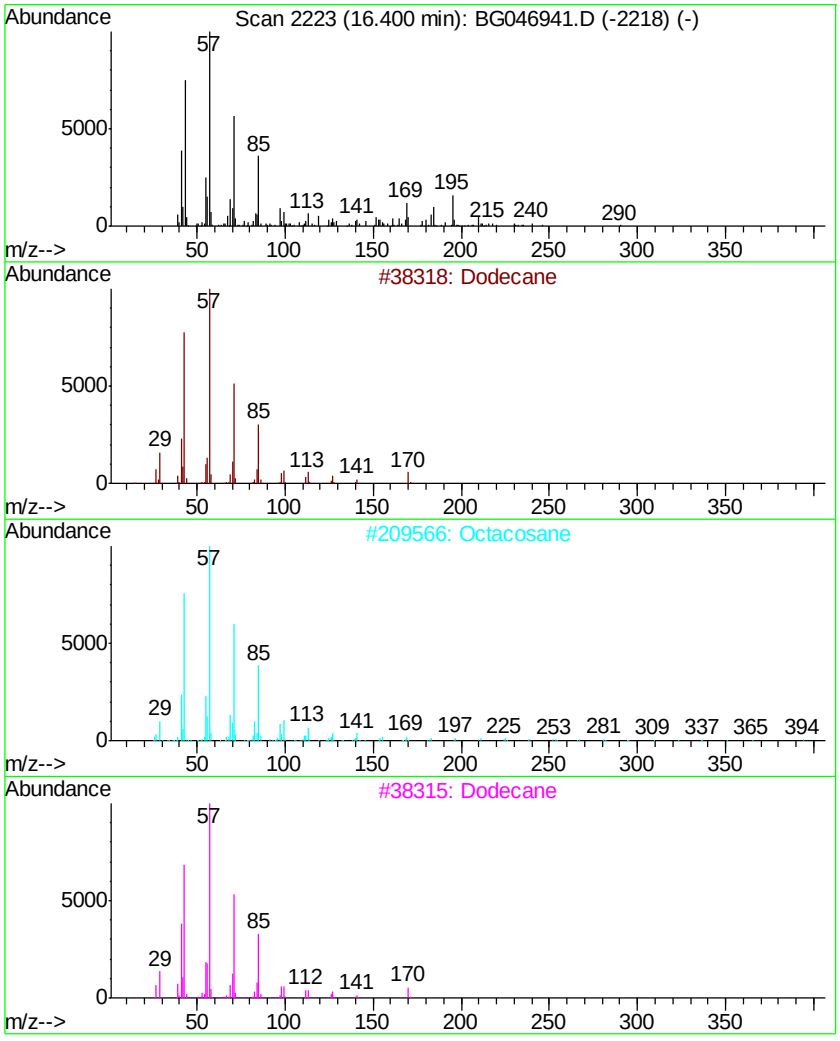
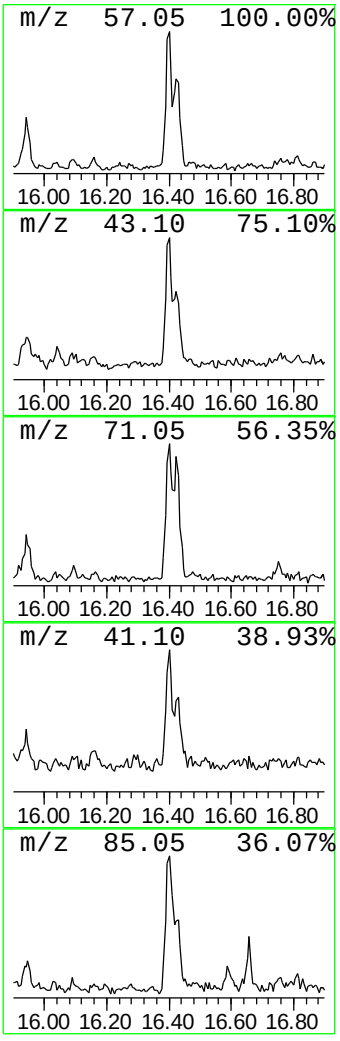
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.63 ng/ul	193601	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Octacosane	394	C28H58	000630-02-4	70
3	Dodecane	170	C12H26	000112-40-3	64
4	Tridecane	184	C13H28	000629-50-5	62
5	Tridecane	184	C13H28	000629-50-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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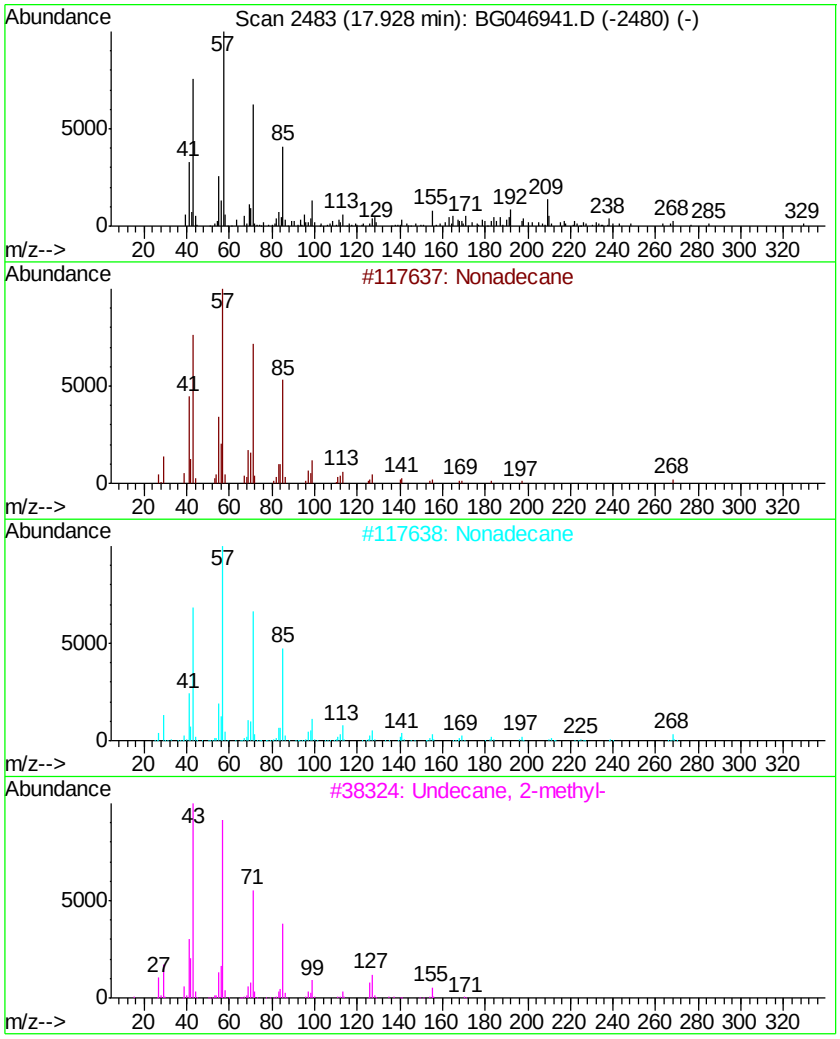
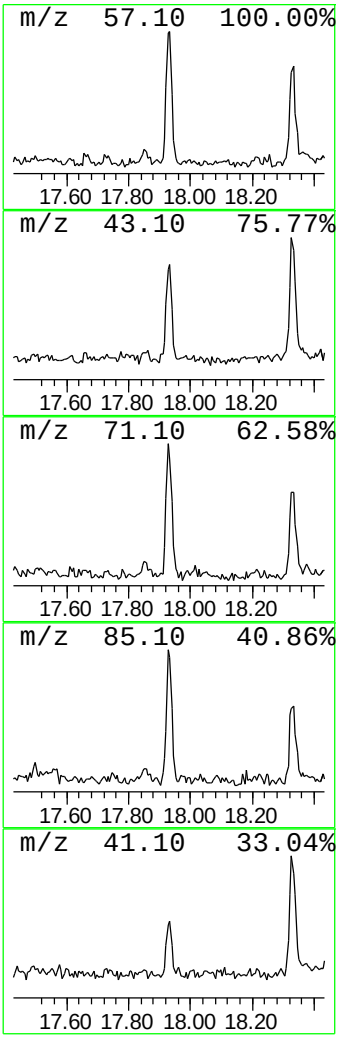
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.71 ng/ul	198140	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	78
2	Nonadecane	268	C19H40	000629-92-5	78
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	70
4	Tridecane	184	C13H28	000629-50-5	70
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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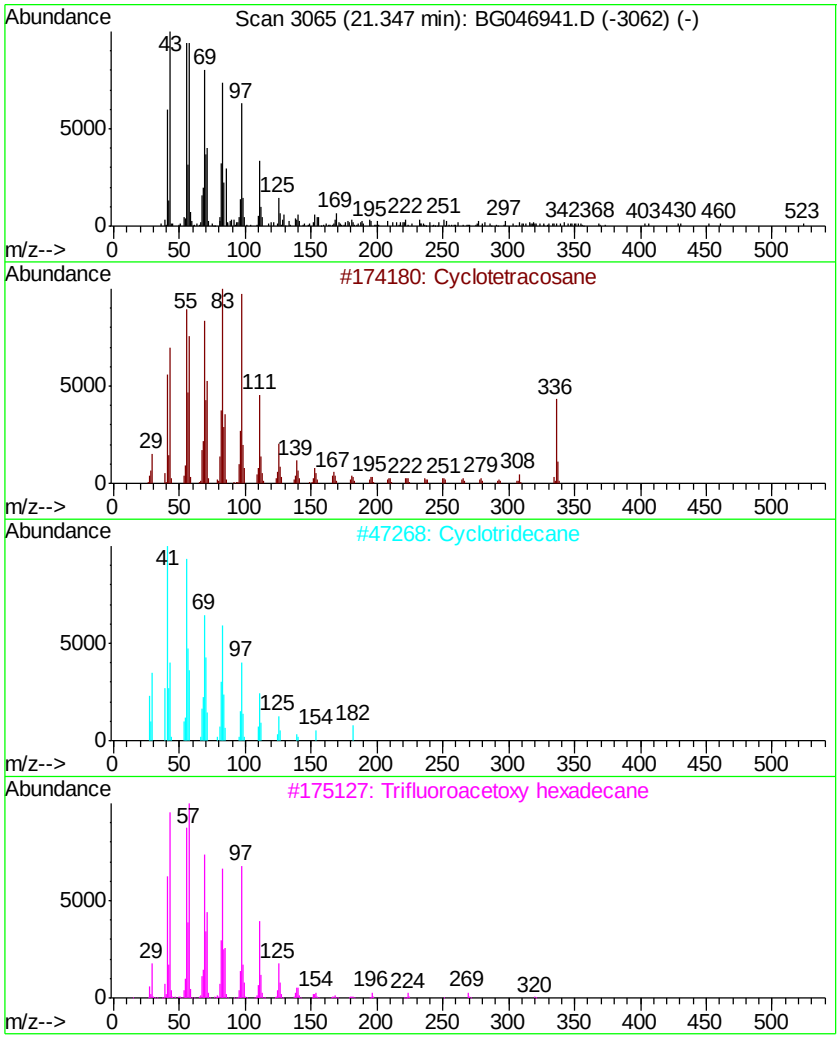
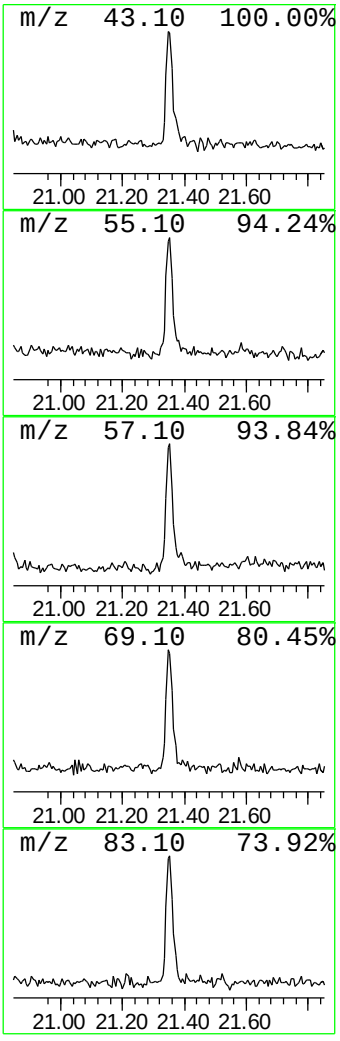
Peak Number 61 (DEL) Alkane: Cyclic21.35 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.55 ng/ul	232817	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	Cyclotridecane	182	C13H26	000295-02-3	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046941.D
Acq On : 17 Oct 2020 14:15
Operator : CG/JU
Sample : L4259-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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, 1,2,3-tr...	7.29	5.5	ng/ul	129880	1	8.07	467733	20.0
Mesitylene	7.46	4.0	ng/ul	93192	1	8.07	467733	20.0
Benzene, 1,2,4-tr...	7.72	9.4	ng/ul	219969	1	8.07	467733	20.0
Benzene, 1-ethyl-...	8.19	15.4	ng/ul	360763	1	8.07	467733	20.0
Benzene, 4-ethyl-...	8.71	9.8	ng/ul	229174	1	8.07	467733	20.0
Benzene, 2-ethyl-...	9.03	7.5	ng/ul	175331	1	8.07	467733	20.0
p-Cymene	9.08	7.3	ng/ul	171429	1	8.07	467733	20.0
Benzene, 2-ethyl-...	9.18	9.6	ng/ul	224501	1	8.07	467733	20.0
Benzene, 1-ethyl-...	9.51	4.6	ng/ul	160409	2	10.88	701720	20.0
Benzene, 1,2,4,5-...	9.70	6.7	ng/ul	233981	2	10.88	701720	20.0
o-Cymene	9.77	12.0	ng/ul	422284	2	10.88	701720	20.0
Benzene, 1,3-diet...	10.07	3.3	ng/ul	115592	2	10.88	701720	20.0
Benzene, 1-methyl...	10.28	20.2	ng/ul	707612	2	10.88	701720	20.0
Benzene, (1-methy...	10.94	5.3	ng/ul	185793	2	10.88	701720	20.0
1H-Indenol	11.24	3.7	ng/ul	129539	2	10.88	701720	20.0
Naphthalene, 1,2,...	11.35	3.4	ng/ul	118816	2	10.88	701720	20.0
Naphthalene, 1,2,...	11.46	3.2	ng/ul	112902	2	10.88	701720	20.0
Benzyl alcohol, 2...	11.58	8.2	ng/ul	287393	2	10.88	701720	20.0
1H-Indene, 2,3-di...	11.79	3.9	ng/ul	136760	2	10.88	701720	20.0
Benzene, (3-methy...	11.98	3.9	ng/ul	135959	2	10.88	701720	20.0
Naphthalene, 1,2,...	12.07	3.5	ng/ul	122267	2	10.88	701720	20.0
Benzene, pentamet...	12.20	2.6	ng/ul	93147	2	10.88	701720	20.0
Naphthalene, 1-me...	12.76	118.5	ng/ul	4157700	2	10.88	701720	20.0
Hydroxytoluic Acid	13.22	7.7	ng/ul	353648	3	14.70	913858	20.0
2-Hydroxy-4-methy...	13.43	2.6	ng/ul	120360	3	14.70	913858	20.0
Naphthalene, 1-et...	13.76	9.8	ng/ul	449846	3	14.70	913858	20.0
Naphthalene, 2,7-...	13.86	30.1	ng/ul	1375710	3	14.70	913858	20.0
Naphthalene, 2,3-...	14.03	50.7	ng/ul	2318010	3	14.70	913858	20.0
Naphthalene, 1,3-...	14.26	14.1	ng/ul	643864	3	14.70	913858	20.0
Naphthalene, 1,5-...	14.29	7.6	ng/ul	349304	3	14.70	913858	20.0
(DEL) Alkane: Str...	14.59	4.0	ng/ul	184171	3	14.70	913858	20.0
(DEL) Alkane: Str...	15.54	8.2	ng/ul	376400	3	14.70	913858	20.0
(DEL) Alkane: Str...	16.40	3.6	ng/ul	193601	4	17.46	1067780	20.0
(DEL) Alkane: Str...	17.93	3.7	ng/ul	198140	4	17.46	1067780	20.0
(DEL) Alkane: Cyc...	21.35	4.5	ng/ul	232817	5	21.72	1023320	20.0