LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	4	9	27	rVB	1760210	2822531	100.00%	14.593%
2	3.937	138	144	152	rVV2	12521	22586	0.80%	0.117%
3	4.072	162	167	173	rVB	13062	22310	0.79%	0.115%
4	5.095	336	341	349	rBV3	10346	20211	0.72%	0.104%
5	6.017	489	498	505	rVB6	10258	27330	0.97%	0.141%
6	6.287	537	544	552	rBV3	6299	14777	0.52%	0.076%
7	7.016	657	668	673	rBV2	17296	38843	1.38%	0.201%
8	7.110	680	684	689	rVV	16909	26624	0.94%	0.138%
9	7.186	689	697	704	rVV	124261	273045	9.67%	1.412%
10	7.245	704	707	715	rVB	31166	48125	1.71%	0.249%
11	7.339	715	723	731	rBV	82349	155785	5.52%	0.805%
12	7.410	731	735	739	rVV	16659	26116	0.93%	0.135%
13	7.556	754	760	771	rVV	133243	243817	8.64%	1.261%
14	7.674	771	780	787	rVB2	37266	82187	2.91%	0.425%
15	8.027	832	840	849	rBV	230019	414344	14.68%	2.142%
16	8.144	856	860	869	rVB2	19837	41646	1.48%	0.215%
17	8.526	919	925	928	rBV2	15568	26791	0.95%	0.139%
18	8.579	928	934	939	rVV2	37864	70703	2.50%	0.366%
19	8.673	945	950	956	rVV	87500	164129	5.81%	0.849%
20	8.737	956	961	969	rVV	134828	259013	9.18%	1.339%
21	8.802	969	972	975	rVV2	18782	27343	0.97%	0.141%
22	8.843	975	979	988	rVB2	21635	45340	1.61%	0.234%
23	8.990	999	1004	1008	rBV	30373	46269	1.64%	0.239%
24	9.043	1008	1013	1021	rVB	33077	56106	1.99%	0.290%
25	9.143	1021	1030	1034	rBV	65712	120837	4.28%	0.625%
26	9.196	1034	1039	1047	rVV	105648	225234	7.98%	1.165%
27	9.266	1047	1051	1057	rVB	44875	70857	2.51%	0.366%
28	9.396	1062	1073	1079	rBV5	25566	64698	2.29%	0.335%
29	9.478	1082	1087	1093	rBV3	19054	44110	1.56%	0.228%
30	9.525	1093	1095	1104	rVB4	13228	26461	0.94%	0.137%
31	9.631	1104	1113	1116	rBV7	13191	27930	0.99%	0.144%
32	9.672	1116	1120	1125	rVV	40540	70429	2.50%	0.364%
33	9.730	1125	1130	1136	rVV	71683	121021	4.29%	0.626%
34	9.924	1156	1163	1169	rBV2	123087	238777	8.46%	1.235%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	9.977	1169	1172	1177	rVV3	31742	45532	1.61%	0.235%
36	10.048	1177	1184	1189	rVV2	42231	82349	2.92%	0.426%
37	10.101	1189	1193	1194	rVV3	14222	19375	0.69%	0.100%
38	10.124	1194	1197	1203	rVB3	23565	37820	1.34%	0.196%
39	10.200	1203	1210	1213	rBV2	41409	75091	2.66%	0.388%
40	10.247	1213	1218	1225	rVV5	46526	125366	4.44%	0.648%
41	10.312	1225	1229	1236	rVB2	43140	77888	2.76%	0.403%
42	10.383	1236	1241	1242	rBV	17804	24400	0.86%	0.126%
43	10.430	1246	1249	1251	rVV4	28090	44037	1.56%	0.228%
44	10.471	1251	1256	1264	rVV	162327	312563	11.07%	1.616%
45	10.547	1264	1269	1275	rVB	36095	59495	2.11%	0.308%
46	10.729	1294	1300	1301	rBV5	12773	19753	0.70%	0.102%
47	10.847	1310	1320	1326	rBV	323866	747432	26.48%	3.864%
48	10.900	1326	1329	1337	rVV4	52764	122697	4.35%	0.634%
49	10.982	1337	1343	1353	rVV2	71986	190962	6.77%	0.987%
50	11.070	1353	1358	1367	rVB3	28790	55604	1.97%	0.287%
51	11.264	1387	1391	1399	rVV4	18661	41481	1.47%	0.214%
52	11.470	1418	1426	1430	rBV9	13086	29888	1.06%	0.155%
53	11.517	1430	1434	1437	rBV	13850	17971	0.64%	0.093%
54	11.569	1437	1443	1449	rVB9	22573	48059	1.70%	0.248%
55	11.628	1449	1453	1458	rVB5	15503	29927	1.06%	0.155%
56	11.699	1460	1465	1471	rVB4	27392	47951	1.70%	0.248%
57	11.769	1471	1477	1484	rBV3	38751	80579	2.85%	0.417%
58	11.875	1491	1495	1499	rBV3	19981	35185	1.25%	0.182%
59	11.963	1505	1510	1515	rVB3	17169	32140	1.14%	0.166%
60	12.069	1520	1528	1532	rBV4	14138	31901	1.13%	0.165%
61	12.181	1544	1547	1553	rVB2	11420	16745	0.59%	0.087%
62	12.245	1553	1558	1559	rBV2	11949	17648	0.63%	0.091%
63	12.275	1559	1563	1569	rVV2	72525	115958	4.11%	0.600%
64	12.316	1569	1570	1575	rVV5	10087	16111	0.57%	0.083%
65	12.369	1575	1579	1585	rVV4	14538	33480	1.19%	0.173%
66	12.515	1595	1604	1610	rVB2	38762	83770	2.97%	0.433%
67	12.727	1633	1640	1650	rVV2	28287	66812	2.37%	0.345%
68	13.056	1686	1696	1699	rBV8	7700	20564	0.73%	0.106%
69	13.226	1720	1725	1730	rVB6	8930	16958	0.60%	0.088%
70	13.508	1768	1773	1780	rBV2	29024	45425	1.61%	0.235%
71	13.573	1780	1784	1788	rVV6	9392	16859	0.60%	0.087%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	13.849	1822	1831	1832	rBV3	14141	20626	0.73%	0.107%
73	14.008	1853	1858	1864	rVV3	18376	32265	1.14%	0.167%
74	14.084	1864	1871	1875	rVV	307246	469789	16.64%	2.429%
75	14.131	1875	1879	1884	rVB	85983	123931	4.39%	0.641%
76	14.378	1914	1921	1936	rBV	387660	632668	22.41%	3.271%
77	14.525	1936	1946	1950	rBV9	10573	22598	0.80%	0.117%
78	14.584	1952	1956	1961	rVB4	16053	24438	0.87%	0.126%
79	14.689	1964	1974	1980	rBV	519839	859638	30.46%	4.445%
80	14.754	1980	1985	1992	rVB4	27515	44287	1.57%	0.229%
81	14.895	2002	2009	2014	rBV	60917	131053	4.64%	0.678%
82	15.001	2022	2027	2037	rVV	45899	82978	2.94%	0.429%
83	15.089	2037	2042	2049	rVB3	13390	29838	1.06%	0.154%
84	15.477	2102	2108	2114	rBV9	11511	27707	0.98%	0.143%
85	15.530	2114	2117	2122	rVB3	11186	16338	0.58%	0.084%
86	15.682	2136	2143	2148	rBV	487940	750962	26.61%	3.883%
87	15.735	2148	2152	2157	rVV	25717	39915	1.41%	0.206%
88	15.806	2159	2164	2170	rVB	24621	41256	1.46%	0.213%
89	16.164	2220	2225	2232	rBV7	20973	43388	1.54%	0.224%
90	16.405	2262	2266	2267	rBV4	12688	18711	0.66%	0.097%
91	17.439	2436	2442	2446	rBV	611783	951432	33.71%	4.919%
92	17.480	2446	2449	2454	rVB	266872	349933	12.40%	1.809%
93	17.539	2454	2459	2463	rBV	462677	714782	25.32%	3.696%
94	19.495	2787	2792	2796	rBV	534111	744256	26.37%	3.848%
95	19.548	2797	2801	2805	rVB	300467	389937	13.82%	2.016%
96	19.824	2844	2848	2851	rBV	670415	1022303	36.22%	5.286%
97	19.854	2851	2853	2862	rVB	473160	621029	22.00%	3.211%
98	20.735	3001	3003	3008	rVB	307401	344961	12.22%	1.784%
99	21.611	3149	3152	3160	rVB	615512	818771	29.01%	4.233%
100	21.728	3166	3172	3176	rVB2	587897	1099458	38.95%	5.684%

Sum of corrected areas: 19341349

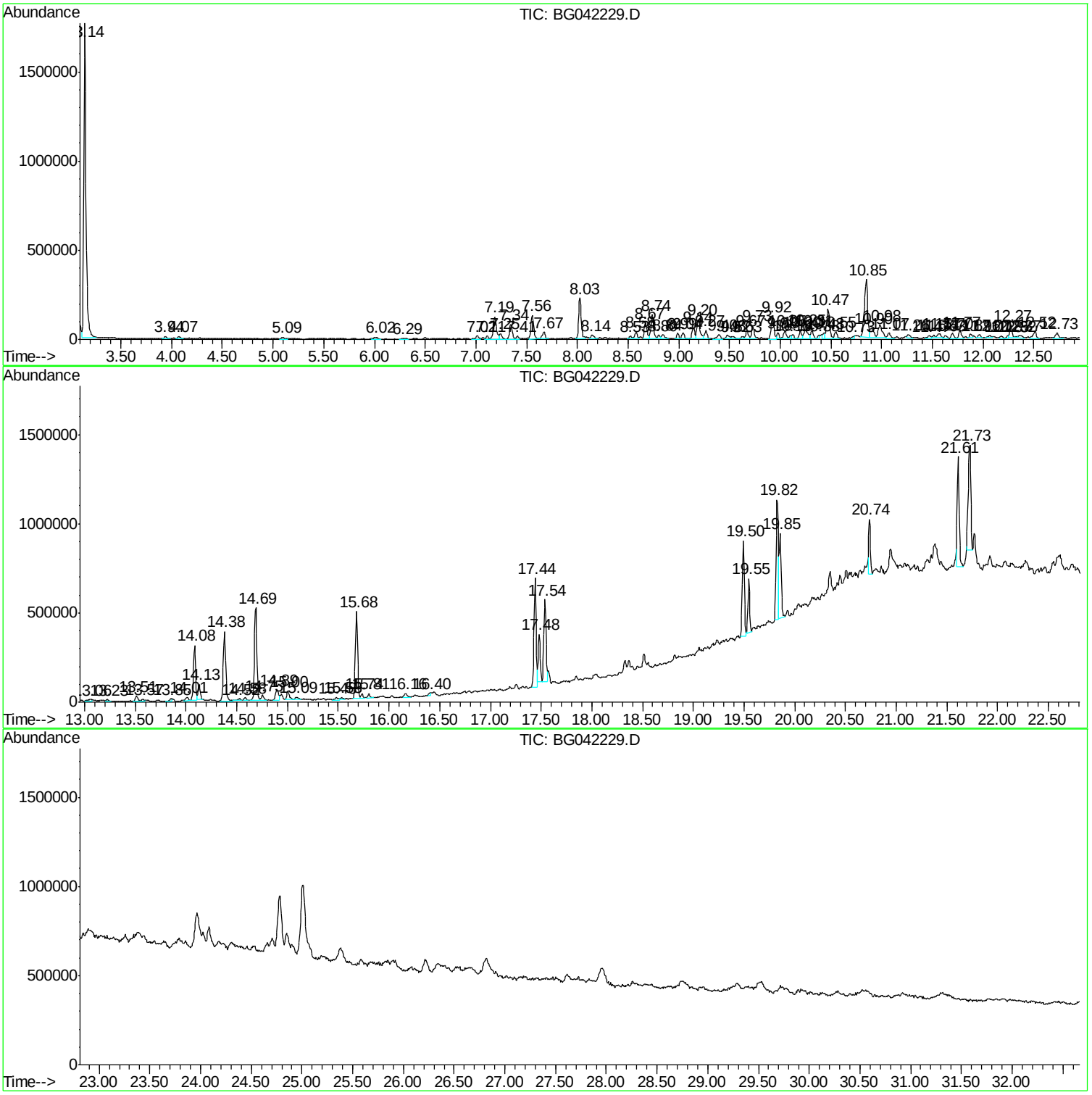
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

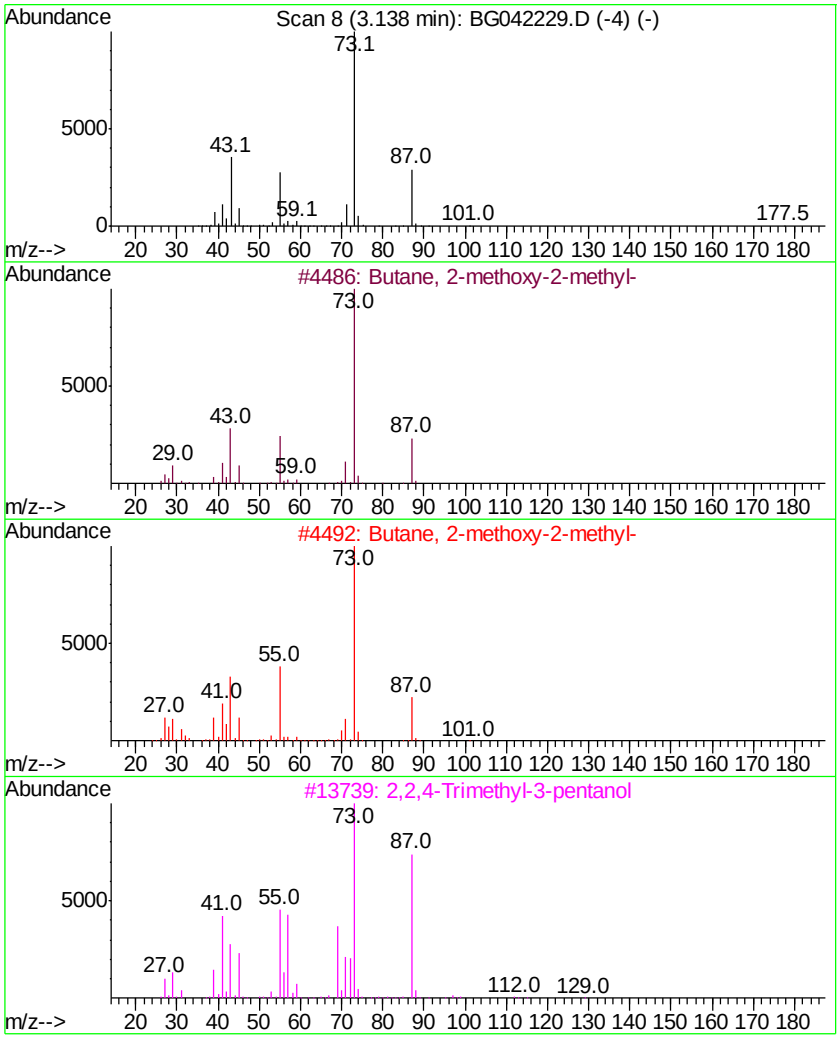
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

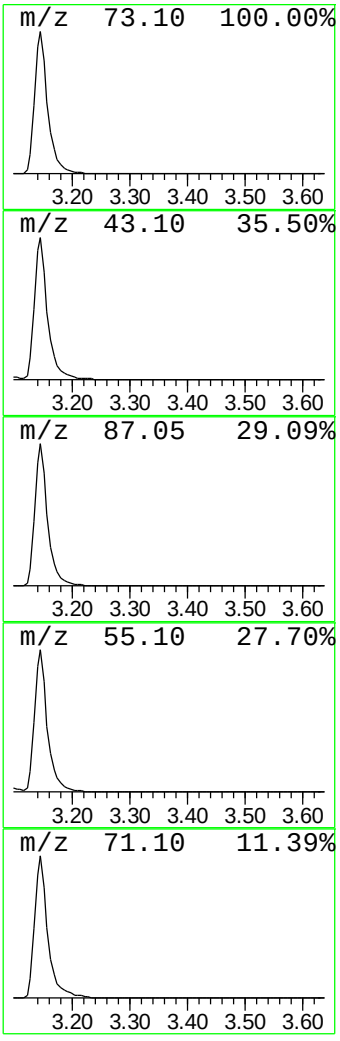
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	136.24 ng/ul	2822530	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

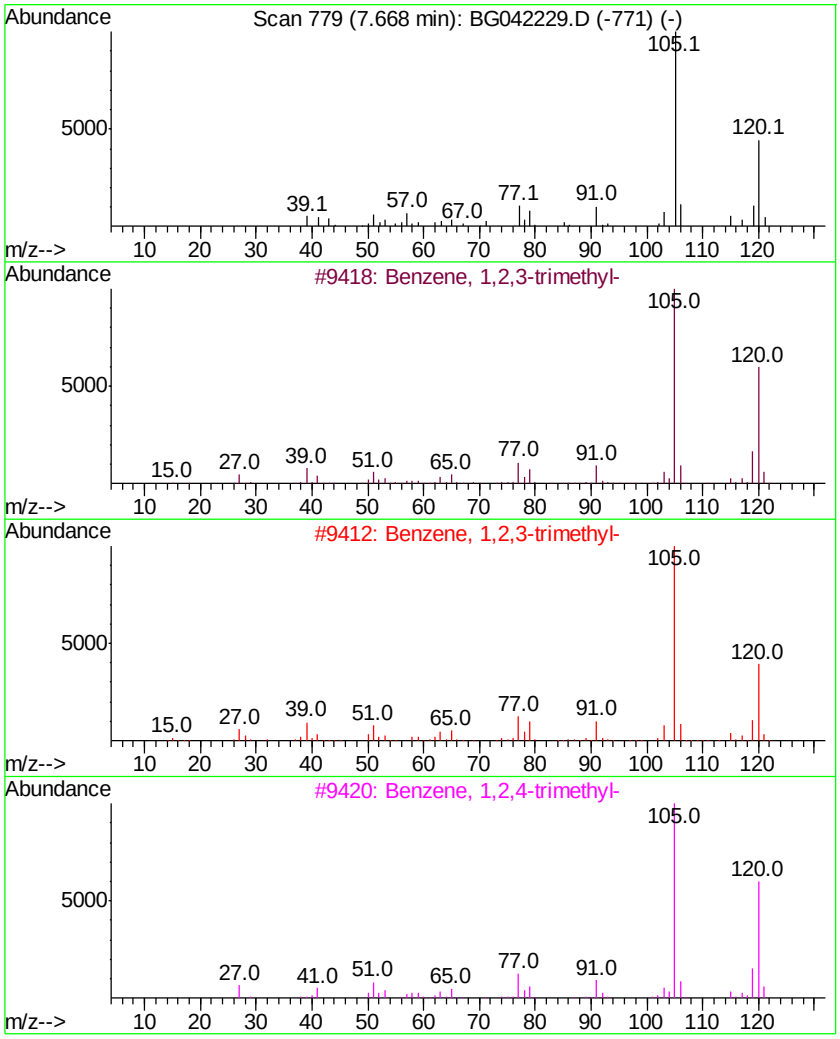
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

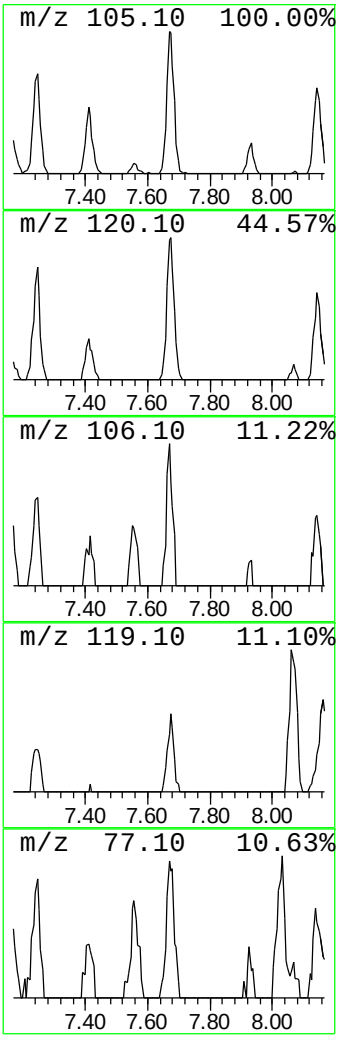
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.97 ng/ul	82187	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

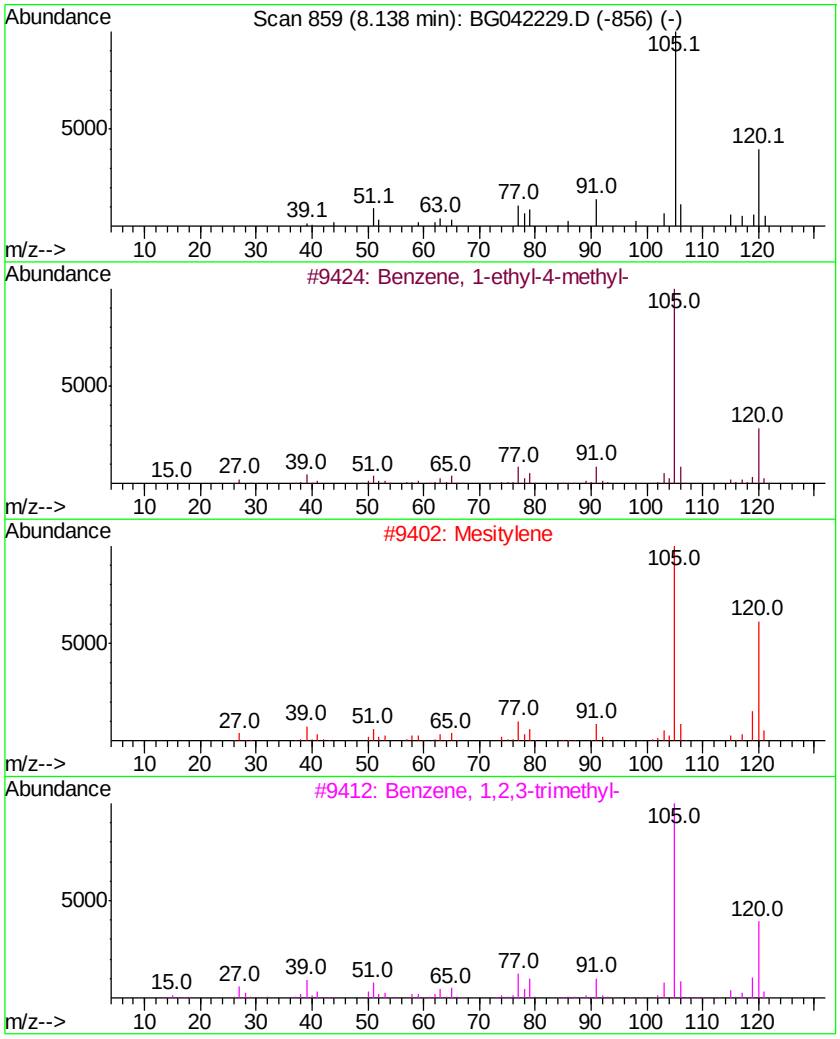
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

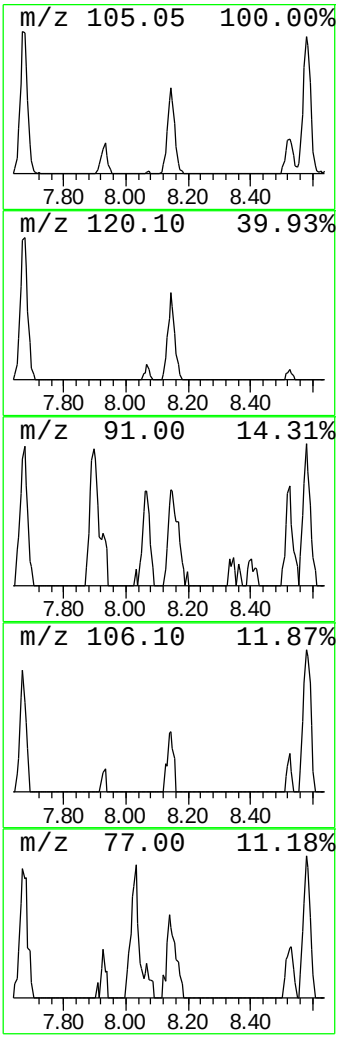
****

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.01 ng/ul	41646	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2	Mesitylene	120	C9H12	000108-67-8	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

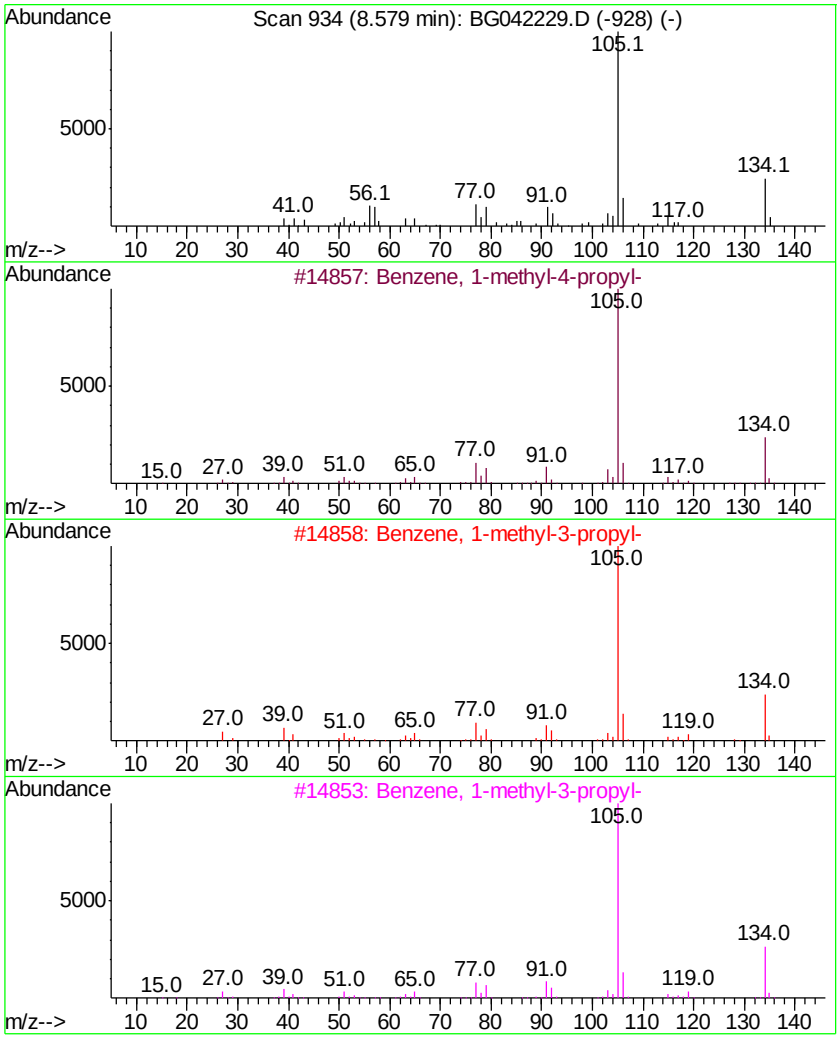
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

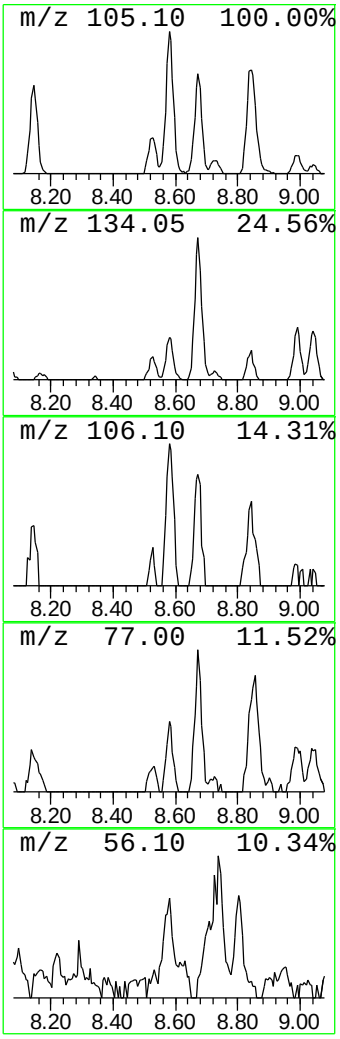
****

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	3.41 ng/ul	70703	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

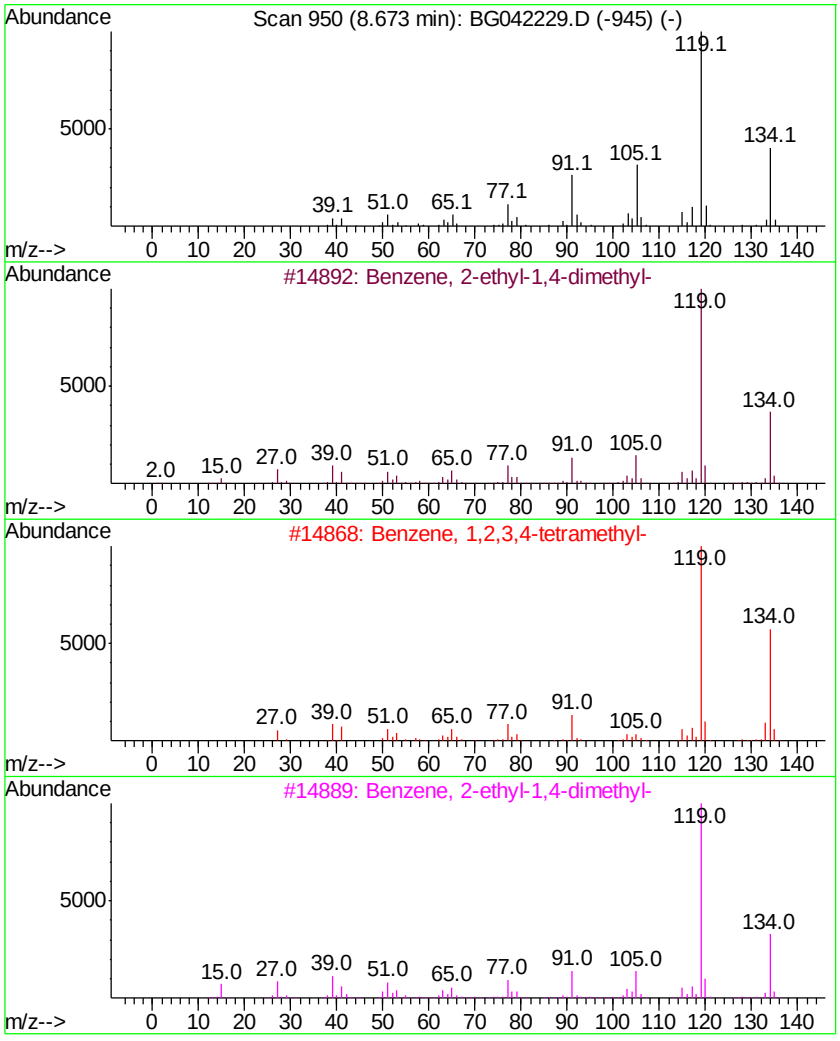
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

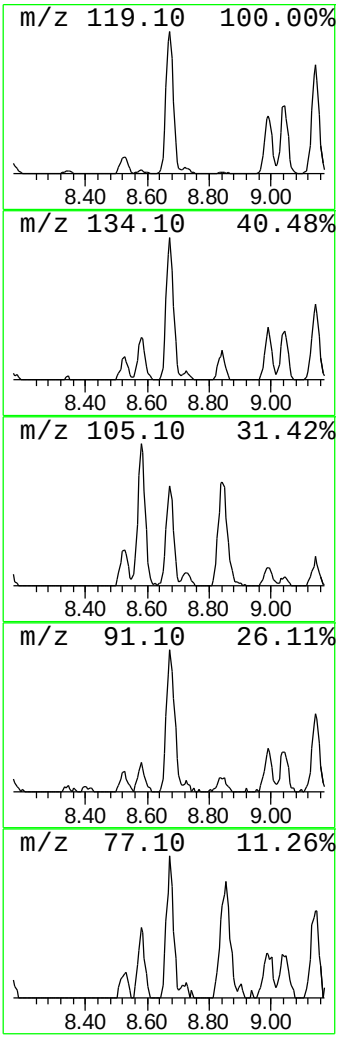
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	7.92 ng/ul	164129	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





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Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
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Instrument : BNA_G
ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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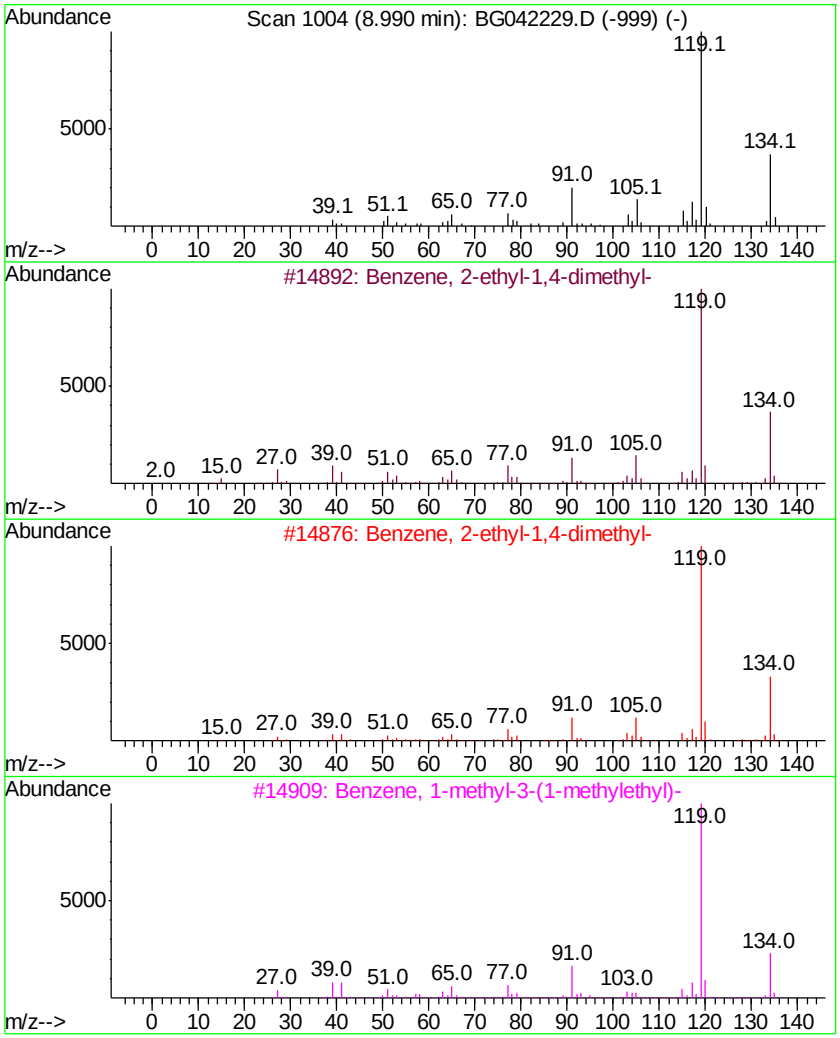
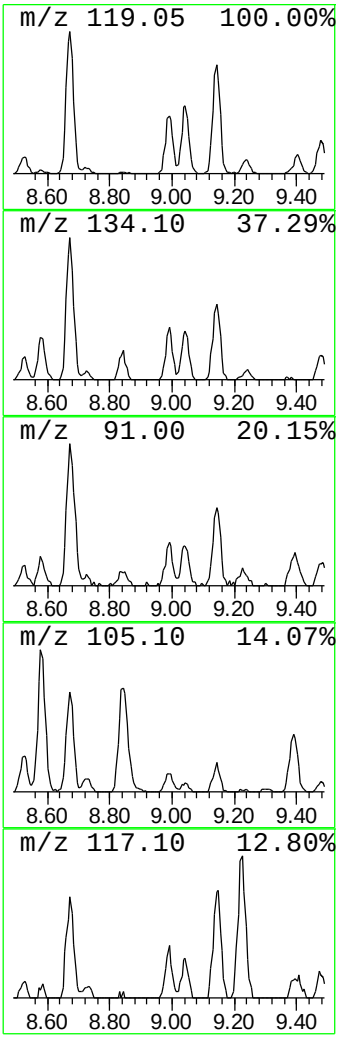
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	2.23 ng/ul	46269	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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Instrument : BNA_G
ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

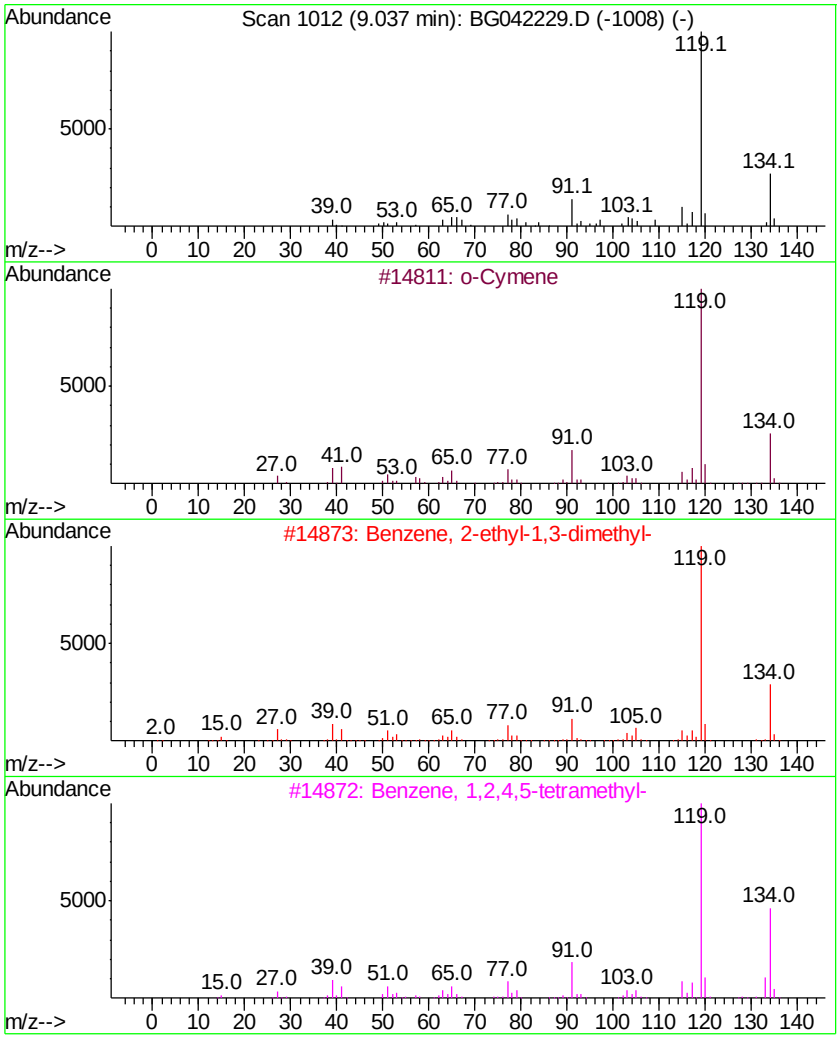
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

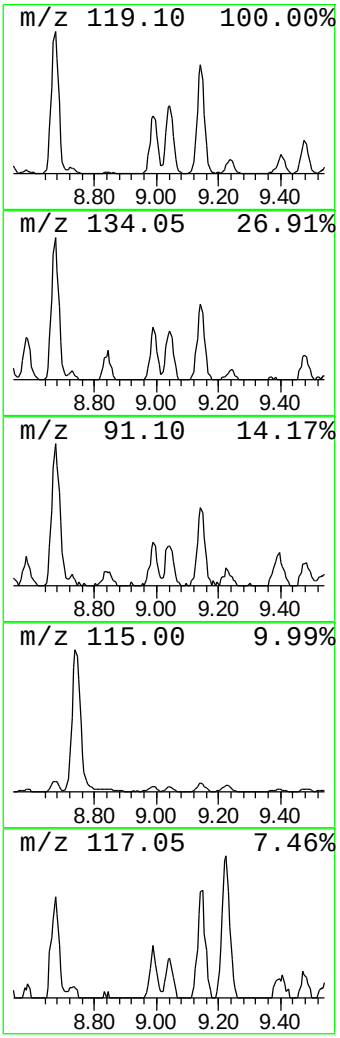
****

Peak Number 7 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.71 ng/ul	56106	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Instrument : BNA_G
ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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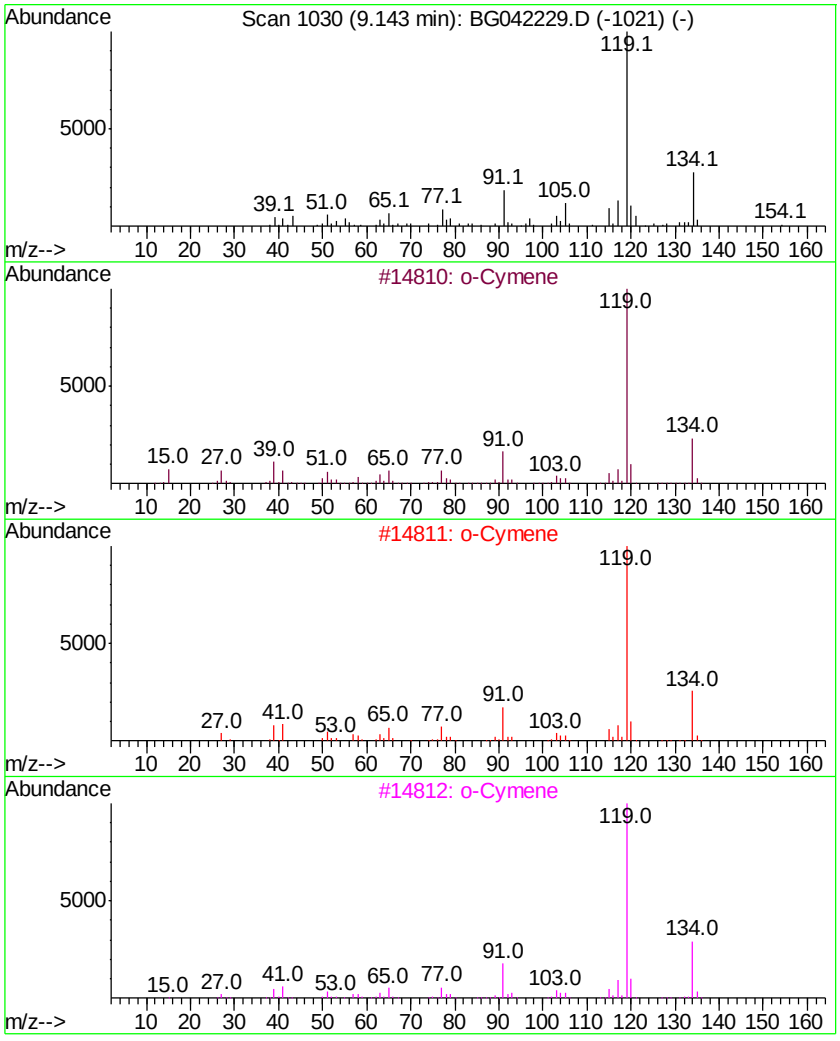
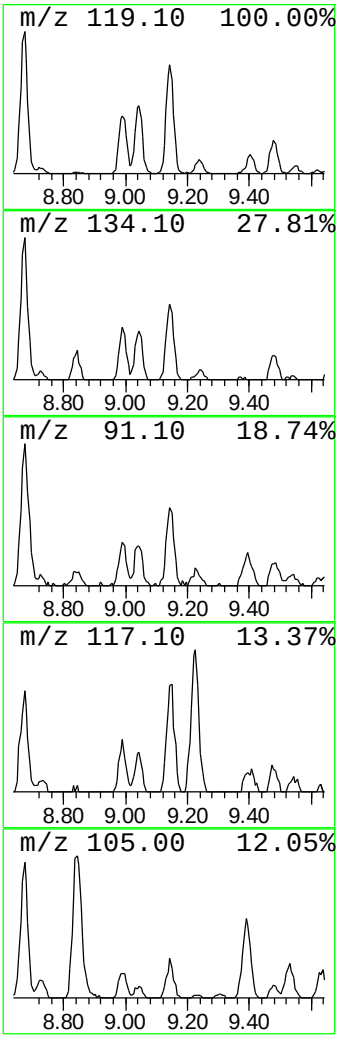
Peak Number 8 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	5.83 ng/ul	120837	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	p-Cymene	134	C10H14	000099-87-6	94





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ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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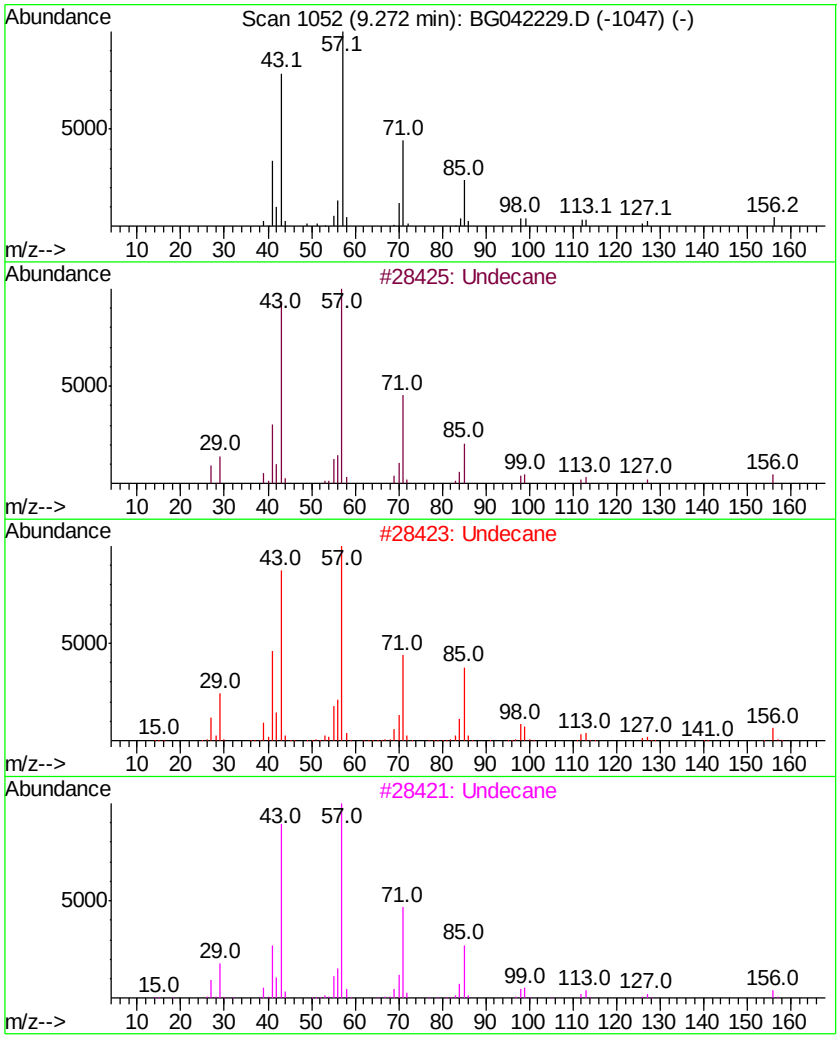
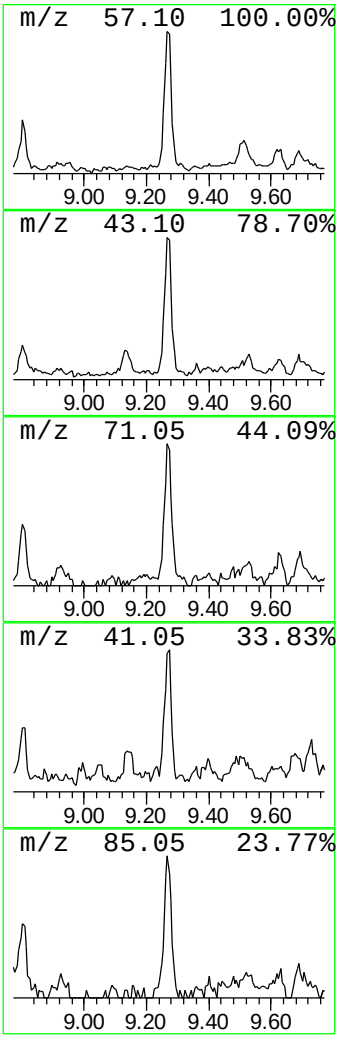
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.42 ng/ul	70857	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Undecane	156	C11H24	001120-21-4	87
3	Undecane	156	C11H24	001120-21-4	83
4	Undecane	156	C11H24	001120-21-4	83
5	Hexadecane	226	C16H34	000544-76-3	78





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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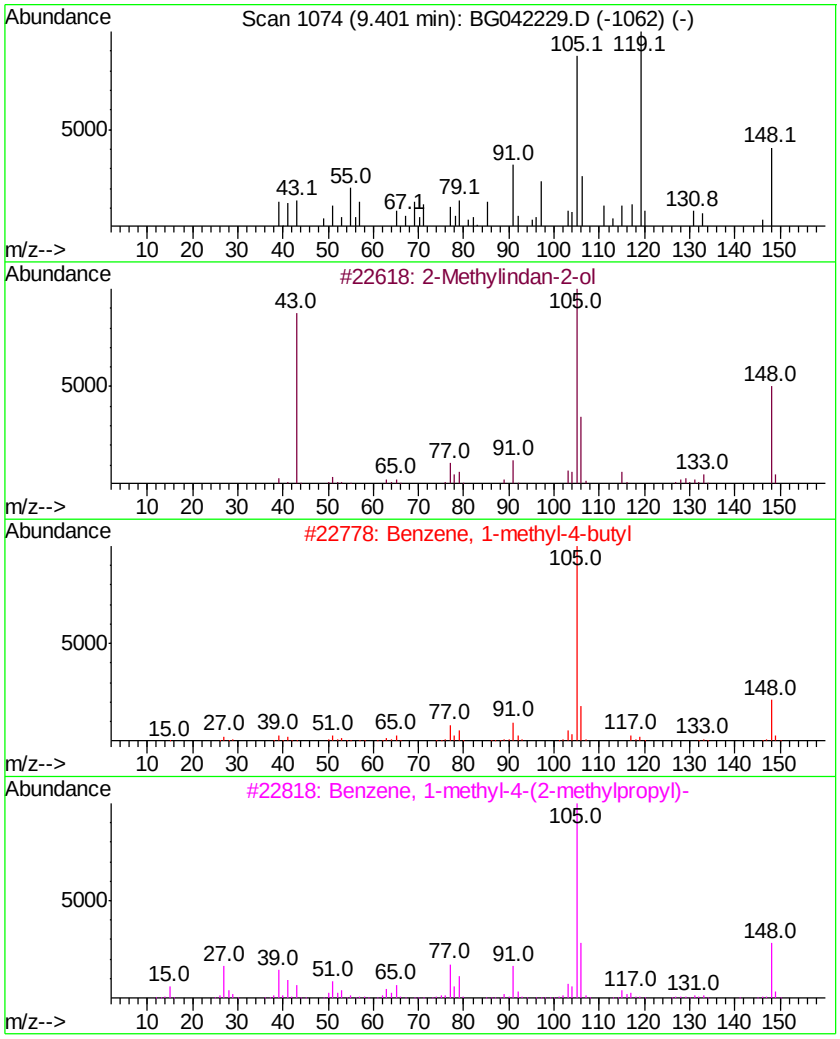
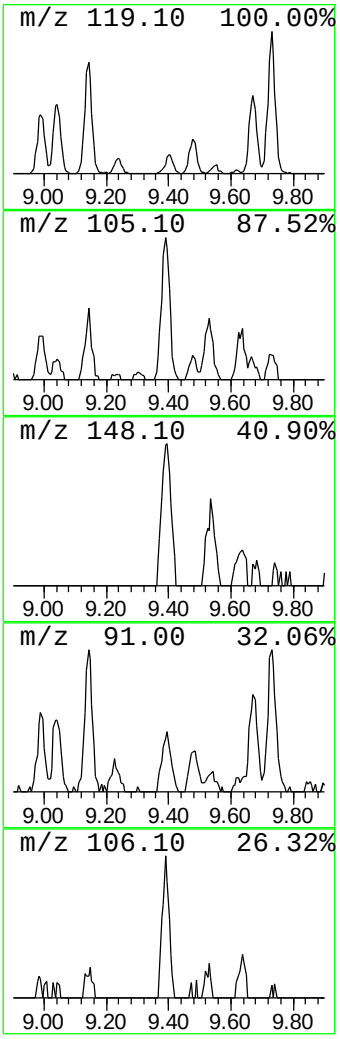
Peak Number 10 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.12 ng/ul	64698	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	46
2	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
4	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	42
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38





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Instrument : BNA_G
ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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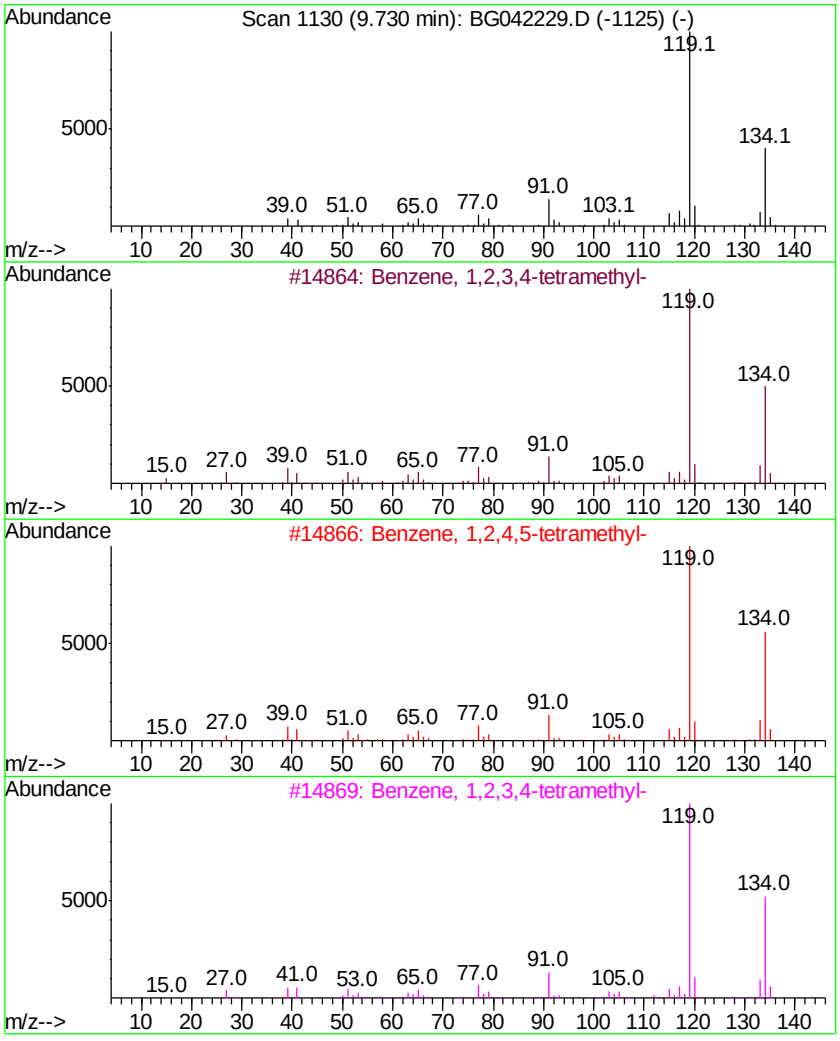
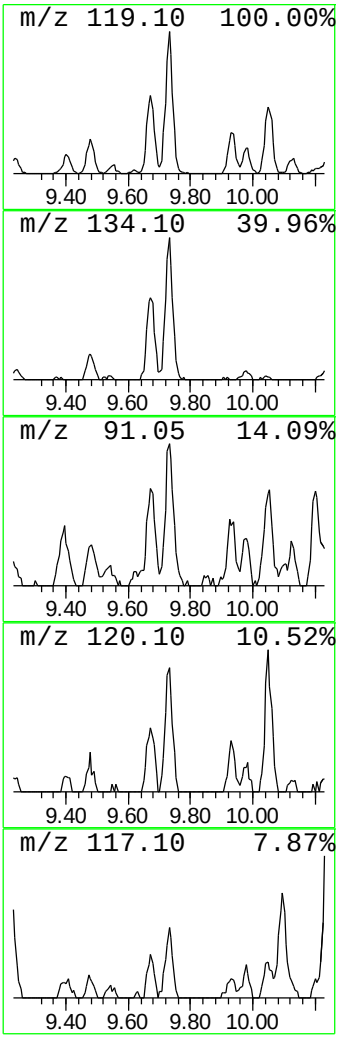
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.24 ng/ul	121021	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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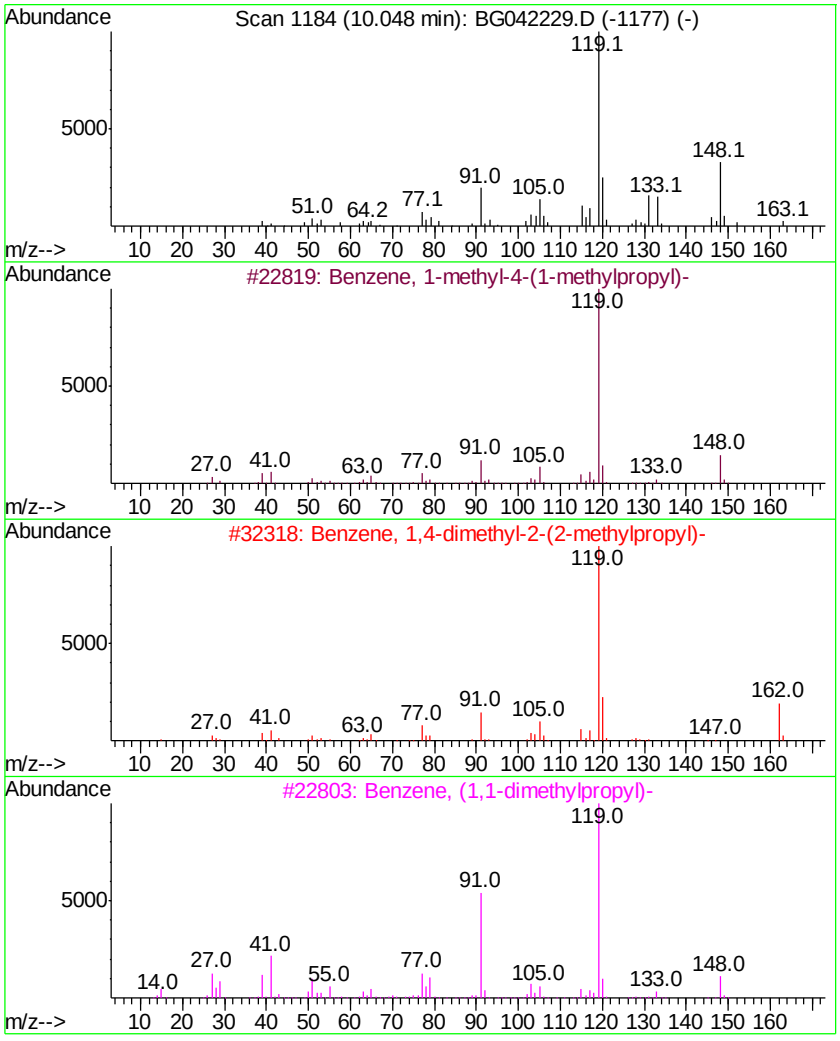
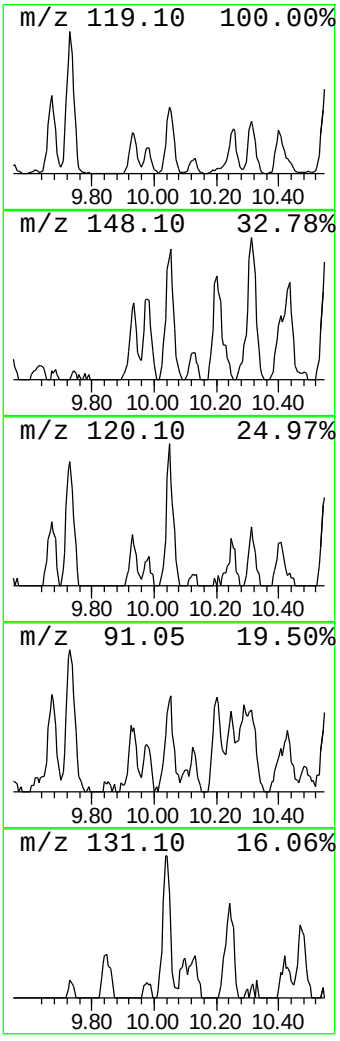
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	2.20 ng/ul	82349	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	58
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49





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Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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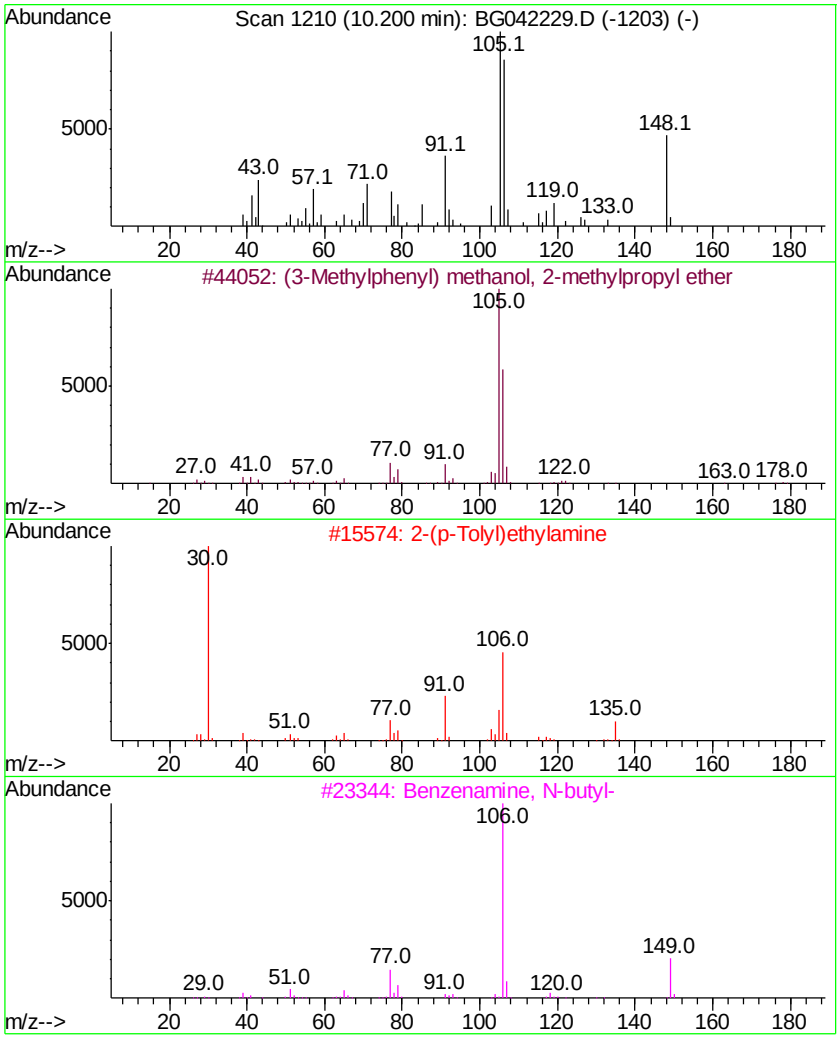
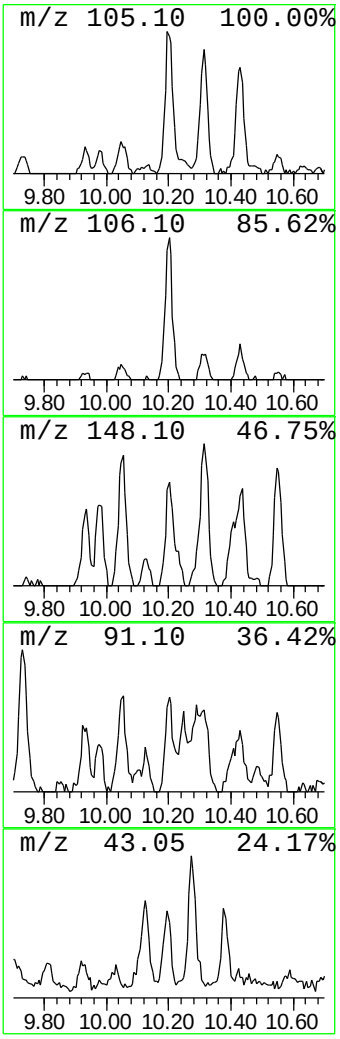
Peak Number 13 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.01 ng/ul	75091	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-58-2	43
2	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	43
3	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	38
4	2,4-Pentanedione, ion(1-), lithium	106	C5H7LiO2	018115-70-3	35
5	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	35





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Quant Title : SVOA CALIBRATION

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

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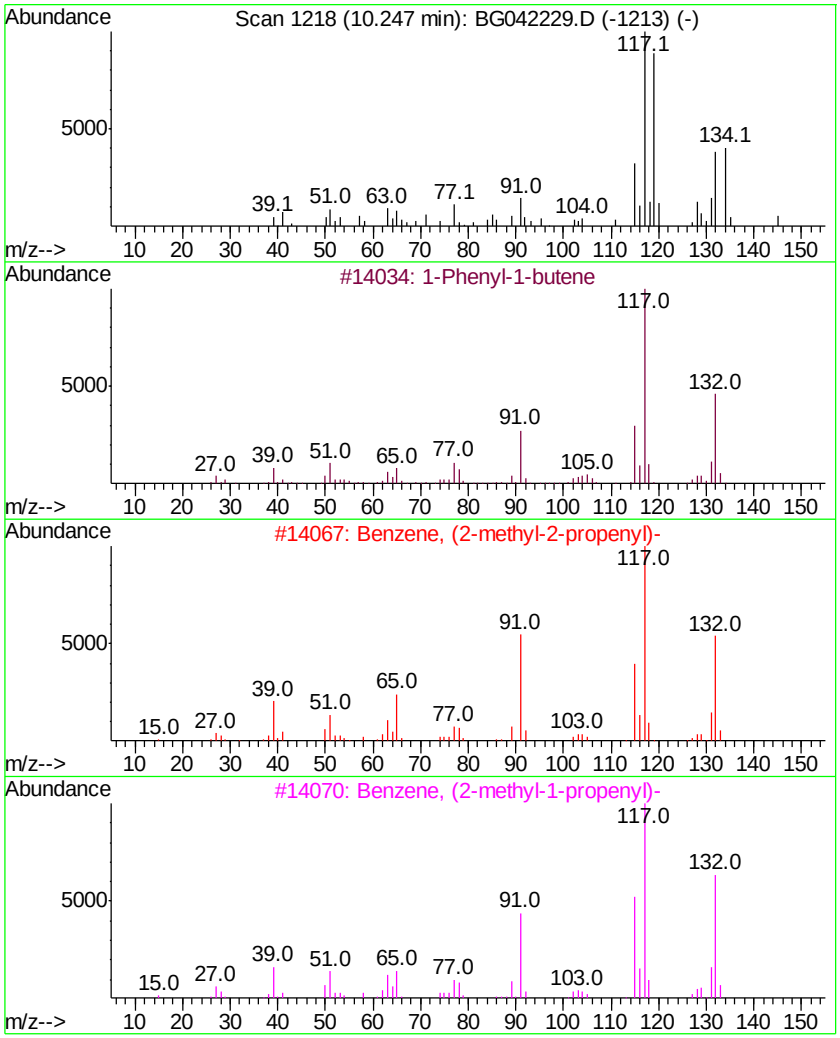
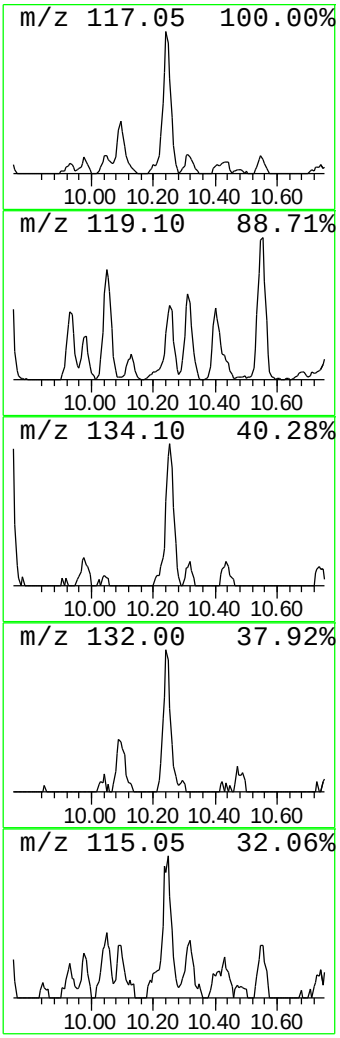
Peak Number 14 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.35 ng/ul	125366	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	51
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50





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ClientSampleId : C0AG4

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Quant Title : SVOA CALIBRATION

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

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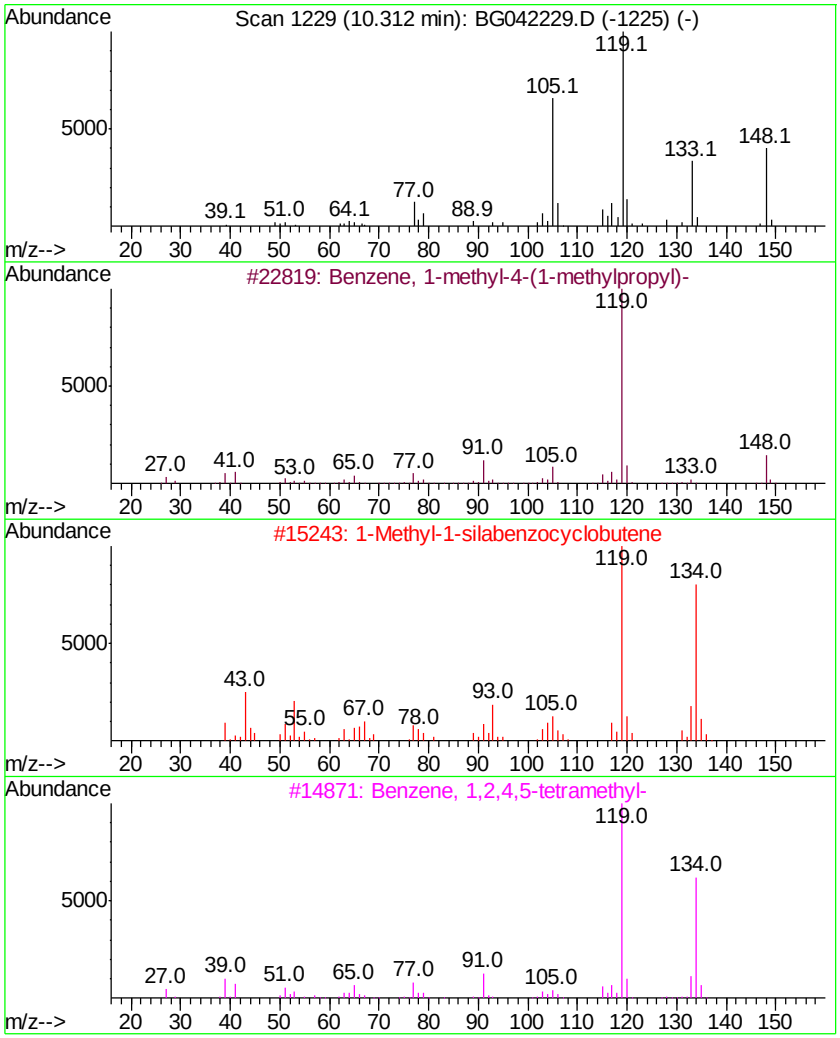
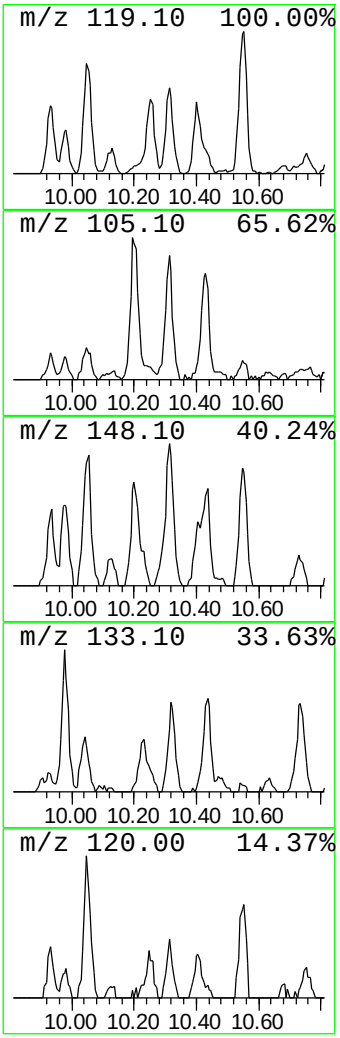
Peak Number 15 1-Methyl-1-silabenzocyclobu... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.08 ng/ul	77888	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
2	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	52
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
4	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	50
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49





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Quant Title : SVOA CALIBRATION

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

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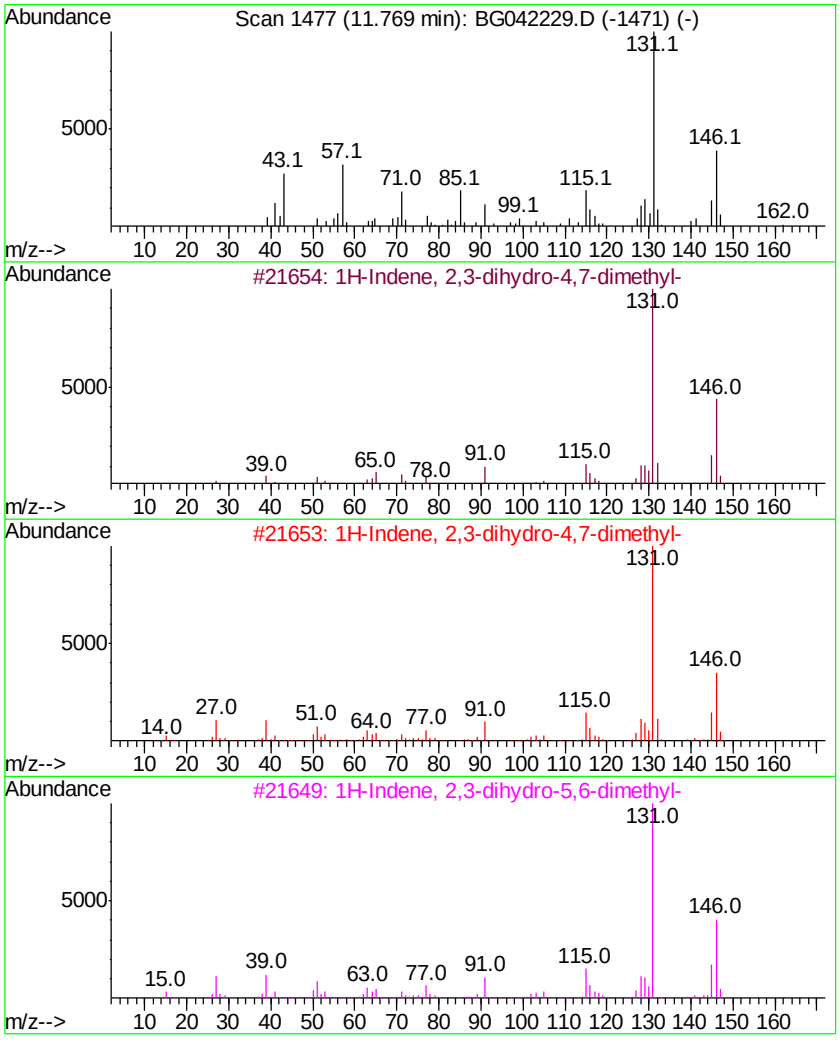
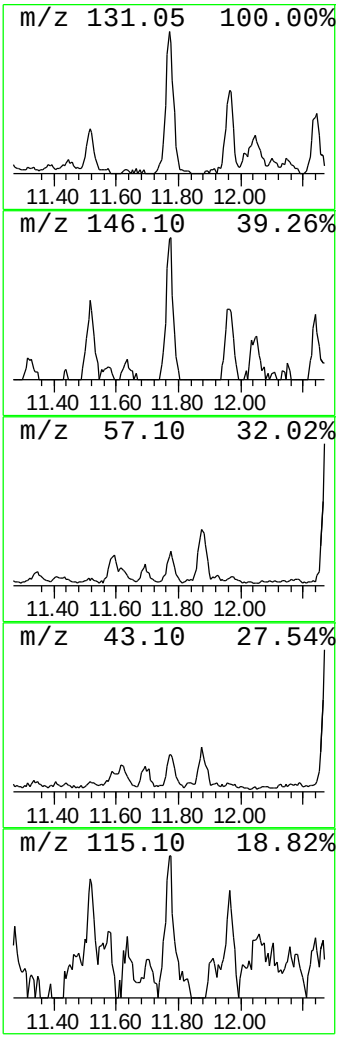
Peak Number 16 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.16 ng/ul	80579	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	92





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Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

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

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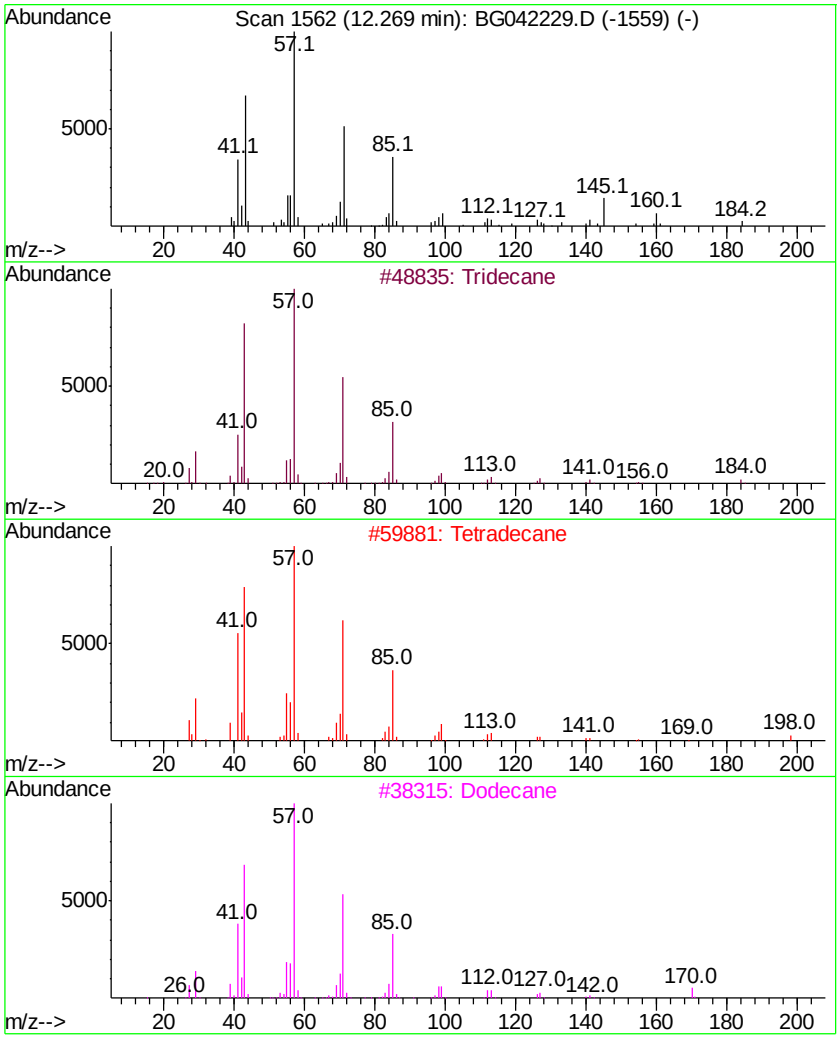
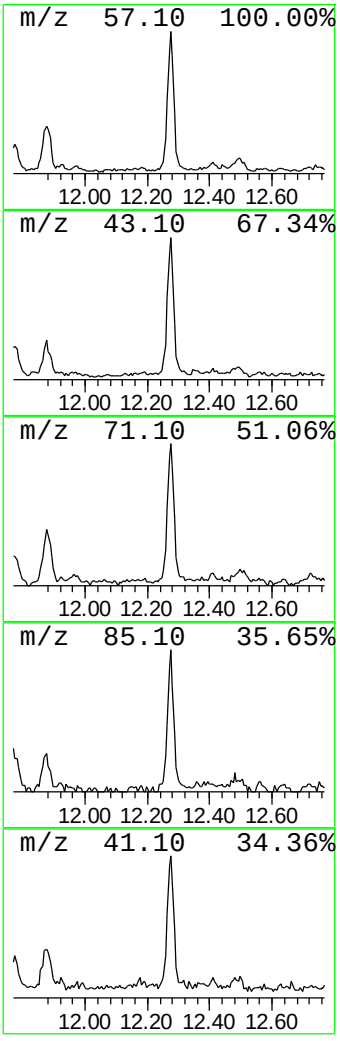
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.10 ng/ul	115958	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane	170	C12H26	000112-40-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

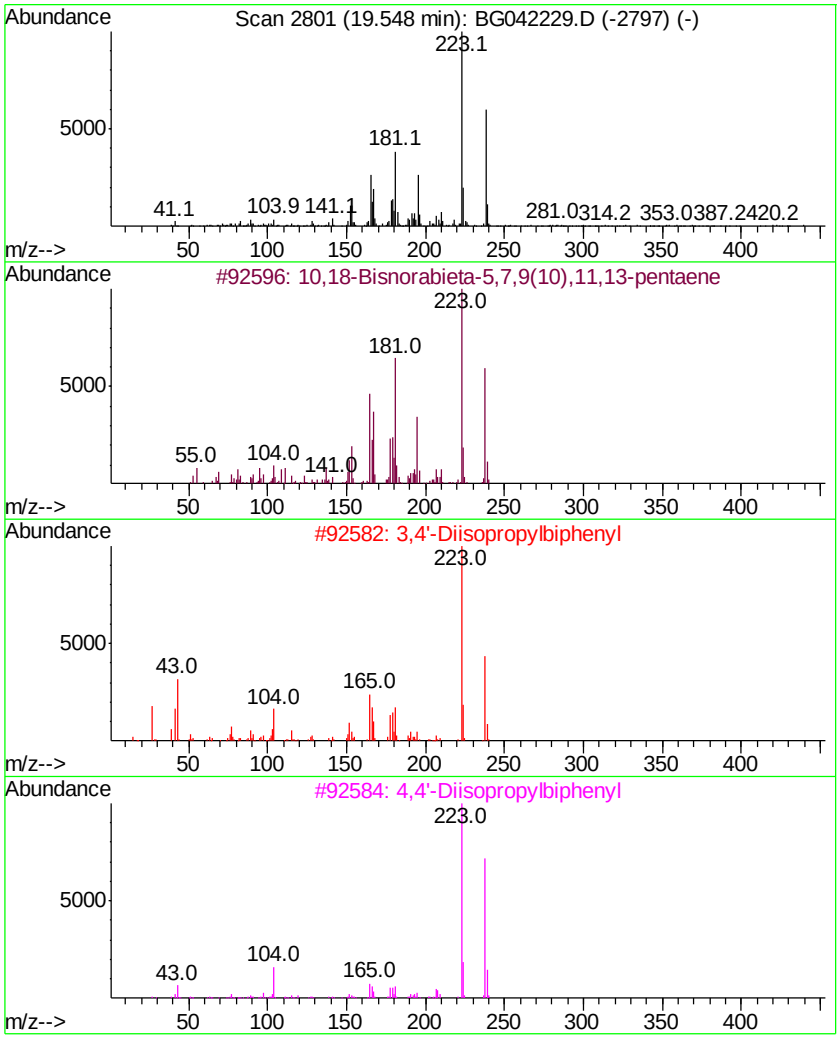
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

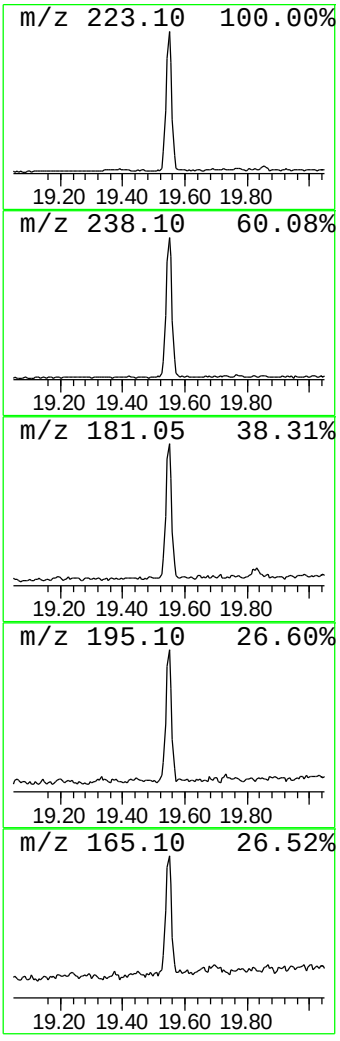
****

Peak Number 18 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	8.20 ng/ul	389937	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52
5	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081519\
Data File : BG042229.D
Acq On : 15 Aug 2019 14:58
Operator : HP/JU
Sample : K4183-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG4

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	136.2	ng/ul	2822530	1	8.03	414344	20.0
Benzene, 1,2,3-tr...	7.67	4.0	ng/ul	82187	1	8.03	414344	20.0
Benzene, 1-ethyl-...	8.14	2.0	ng/ul	41646	1	8.03	414344	20.0
Benzene, 1-methyl...	8.58	3.4	ng/ul	70703	1	8.03	414344	20.0
Benzene, 2-ethyl-...	8.67	7.9	ng/ul	164129	1	8.03	414344	20.0
Benzene, 1-methyl...	8.99	2.2	ng/ul	46269	1	8.03	414344	20.0
o-Cymene	9.04	2.7	ng/ul	56106	1	8.03	414344	20.0
p-Cymene	9.14	5.8	ng/ul	120837	1	8.03	414344	20.0
(DEL) Alkane: Str...	9.27	3.4	ng/ul	70857	1	8.03	414344	20.0
unknown-01	9.40	3.1	ng/ul	64698	1	8.03	414344	20.0
Benzene, 1,2,3,4-...	9.73	3.2	ng/ul	121021	2	10.85	747432	20.0
Benzene, 1-methyl...	10.05	2.2	ng/ul	82349	2	10.85	747432	20.0
unknown-02	10.20	2.0	ng/ul	75091	2	10.85	747432	20.0
1-Phenyl-1-butene	10.25	3.4	ng/ul	125366	2	10.85	747432	20.0
1-Methyl-1-silabe...	10.31	2.1	ng/ul	77888	2	10.85	747432	20.0
1H-Indene, 2,3-di...	11.77	2.2	ng/ul	80579	2	10.85	747432	20.0
(DEL) Alkane: Str...	12.27	3.1	ng/ul	115958	2	10.85	747432	20.0
10,18-Bisnorabiet...	19.55	8.2	ng/ul	389937	4	17.44	951432	20.0