LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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	3.104	39	45	67	rVB	1946086	3077379	100.00%	14.618%
2	4.238	230	238	249	rVB	115401	180077	5.85%	0.855%
3	5.584	459	467	475	rBV	925213	1429320	46.45%	6.789%
4	5.713	482	489	502	rVV	278725	711826	23.13%	3.381%
5	6.089	546	553	562	rVB	412995	665485	21.63%	3.161%
6	6.571	629	635	642	rVB	42179	62343	2.03%	0.296%
7	7.064	715	719	725	rBV	16892	25366	0.82%	0.120%
8	7.176	730	738	743	rVV	138161	219294	7.13%	1.042%
9	7.235	743	748	756	rVV	116121	181456	5.90%	0.862%
10	7.311	756	761	769	rVB	25974	40806	1.33%	0.194%
11	7.481	783	790	796	rVB	40258	63251	2.06%	0.300%
12	7.740	828	834	843	rVV2	161429	332026	10.79%	1.577%
13	8.098	887	895	904	rBV2	89240	167015	5.43%	0.793%
14	8.210	908	914	920	rVV	81142	137181	4.46%	0.652%
15	8.275	920	925	932	rVB	43972	67261	2.19%	0.319%
16	8.369	935	941	946	rBV2	22705	38918	1.26%	0.185%
17	8.474	951	959	967	rVV	591040	981091	31.88%	4.660%
18	8.586	973	978	981	rVV2	21377	33450	1.09%	0.159%
19	8.639	981	987	996	rVV	598947	1024093	33.28%	4.865%
20	8.733	996	1003	1010	rVV	29761	54521	1.77%	0.259%
21	9.203	1078	1083	1089	rBV	43121	67019	2.18%	0.318%
22	9.291	1089	1098	1104	rVB3	30268	65937	2.14%	0.313%
23	9.520	1132	1137	1144	rVV2	48233	86107	2.80%	0.409%
24	9.790	1177	1183	1190	rVV2	24147	39942	1.30%	0.190%
25	9.867	1190	1196	1205	rVV2	25283	40818	1.33%	0.194%
26	9.984	1212	1216	1223	rVV	28231	50416	1.64%	0.239%
27	10.073	1225	1231	1240	rVV2	65359	115574	3.76%	0.549%
28	10.155	1240	1245	1253	rVB	52559	85660	2.78%	0.407%
29	10.337	1258	1276	1281	rBV4	128305	351876	11.43%	1.671%
30	10.407	1281	1288	1293	rBV2	154306	339228	11.02%	1.611%
31	10.537	1304	1310	1317	rVB3	33676	60777	1.97%	0.289%
32	10.613	1317	1323	1329	rVB	27808	49154	1.60%	0.233%
33	10.772	1346	1350	1356	rVV3	14011	22841	0.74%	0.108%
34	10.919	1360	1375	1378	rVV	113275	230025	7.47%	1.093%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

35	10.977	1378	1385	1392	rVV	1591738	2951977	95.93%	14.022%
36	11.048	1392	1397	1401	rVV	68012	128820	4.19%	0.612%
37	11.089	1401	1404	1413	rVV	51117	80958	2.63%	0.385%
38	11.271	1428	1435	1442	rBV3	13483	29219	0.95%	0.139%
39	11.395	1451	1456	1460	rVV3	27018	56432	1.83%	0.268%
40	11.442	1460	1464	1469	rVV	50560	84546	2.75%	0.402%
41	11.494	1469	1473	1479	rVV3	18535	31381	1.02%	0.149%
42	11.735	1508	1514	1527	rBV3	31178	77126	2.51%	0.366%
43	11.923	1540	1546	1551	rBV2	25569	55159	1.79%	0.262%
44	11.982	1552	1556	1560	rBV3	16079	27125	0.88%	0.129%
45	12.100	1570	1576	1587	rVB	31470	60422	1.96%	0.287%
46	12.288	1603	1608	1617	rVV3	42385	88506	2.88%	0.420%
47	12.405	1622	1628	1633	rVV4	12244	28071	0.91%	0.133%
48	12.464	1633	1638	1646	rVV4	18293	42952	1.40%	0.204%
49	12.564	1648	1655	1661	rVV	428297	674822	21.93%	3.205%
50	12.622	1661	1665	1668	rVV2	18049	28175	0.92%	0.134%
51	12.781	1680	1692	1700	rBV	351426	654361	21.26%	3.108%
52	12.857	1700	1705	1712	rVV6	18911	41198	1.34%	0.196%
53	12.934	1712	1718	1722	rVV5	14520	30121	0.98%	0.143%
54	12.993	1722	1728	1736	rVV6	17286	40017	1.30%	0.190%
55	13.128	1745	1751	1757	rBV4	15275	31534	1.02%	0.150%
56	13.187	1757	1761	1766	rVV2	15257	25368	0.82%	0.121%
57	13.463	1801	1808	1814	rBV2	25512	45313	1.47%	0.215%
58	13.563	1820	1825	1830	rVB2	22580	36880	1.20%	0.175%
59	13.692	1839	1847	1853	rBV3	39173	79739	2.59%	0.379%
60	13.756	1853	1858	1867	rVV	51745	105010	3.41%	0.499%
61	13.850	1867	1874	1877	rVV2	27124	55818	1.81%	0.265%
62	13.903	1877	1883	1891	rVV3	52970	144140	4.68%	0.685%
63	13.968	1891	1894	1901	rVV7	11052	27893	0.91%	0.132%
64	14.044	1901	1907	1912	rVV	67986	130005	4.22%	0.618%
65	14.103	1912	1917	1927	rVB2	49852	130104	4.23%	0.618%
66	14.197	1927	1933	1941	rBV4	13029	28979	0.94%	0.138%
67	14.285	1943	1948	1951	rVV	34308	55992	1.82%	0.266%
68	14.315	1951	1953	1963	rVB6	17306	37038	1.20%	0.176%
69	14.414	1963	1970	1974	rBV2	42388	106455	3.46%	0.506%
70	14.450	1974	1976	1980	rVV	35764	45844	1.49%	0.218%
71	14.497	1980	1984	1996	rVB	34590	64996	2.11%	0.309%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

72	14.726	2011	2023	2029	rBV2	217440	380227	12.36%	1.806%
73	14.791	2029	2034	2046	rVB	91260	160493	5.22%	0.762%
74	14.890	2046	2051	2064	rBV6	29426	60065	1.95%	0.285%
75	15.002	2064	2070	2079	rVB2	37696	67011	2.18%	0.318%
76	15.120	2082	2090	2095	rBV8	16474	36530	1.19%	0.174%
77	15.202	2099	2104	2114	rVB	51776	88347	2.87%	0.420%
78	15.325	2120	2125	2133	rBV5	17505	35102	1.14%	0.167%
79	15.590	2165	2170	2175	rVB2	15093	27799	0.90%	0.132%
80	15.713	2182	2191	2196	rBV	59914	106690	3.47%	0.507%
81	15.766	2196	2200	2206	rVV	31856	60418	1.96%	0.287%
82	15.889	2215	2221	2229	rVB9	12771	34197	1.11%	0.162%
83	15.977	2229	2236	2242	rBV9	15554	37919	1.23%	0.180%
84	16.071	2247	2252	2261	rVV7	13306	29431	0.96%	0.140%
85	16.183	2267	2271	2283	rVB4	15331	30988	1.01%	0.147%
86	16.442	2309	2315	2323	rVB3	79926	142222	4.62%	0.676%
87	16.559	2329	2335	2345	rBV	60615	113704	3.69%	0.540%
88	17.117	2422	2430	2436	rBV6	14040	26158	0.85%	0.124%
89	17.282	2451	2458	2464	rVV2	49835	87866	2.86%	0.417%
90	17.335	2464	2467	2473	rVB3	16583	28553	0.93%	0.136%
91	17.470	2481	2490	2495	rBV	347616	560711	18.22%	2.663%
92	17.511	2495	2497	2502	rVB	50975	60465	1.96%	0.287%
93	17.564	2502	2506	2510	rBV2	62546	97159	3.16%	0.462%
94	17.664	2517	2523	2529	rVB7	17035	34977	1.14%	0.166%
95	18.392	2642	2647	2653	rVB7	15897	26631	0.87%	0.127%
96	18.533	2666	2671	2675	rBV5	14105	28108	0.91%	0.134%
97	19.843	2889	2894	2898	rBV2	55579	85193	2.77%	0.405%
98	21.741	3210	3217	3224	rVV	340152	554041	18.00%	2.632%
99	24.785	3726	3735	3744	rVB2	26103	69128	2.25%	0.328%
100	25.008	3762	3773	3785	rBV2	189496	521874	16.96%	2.479%

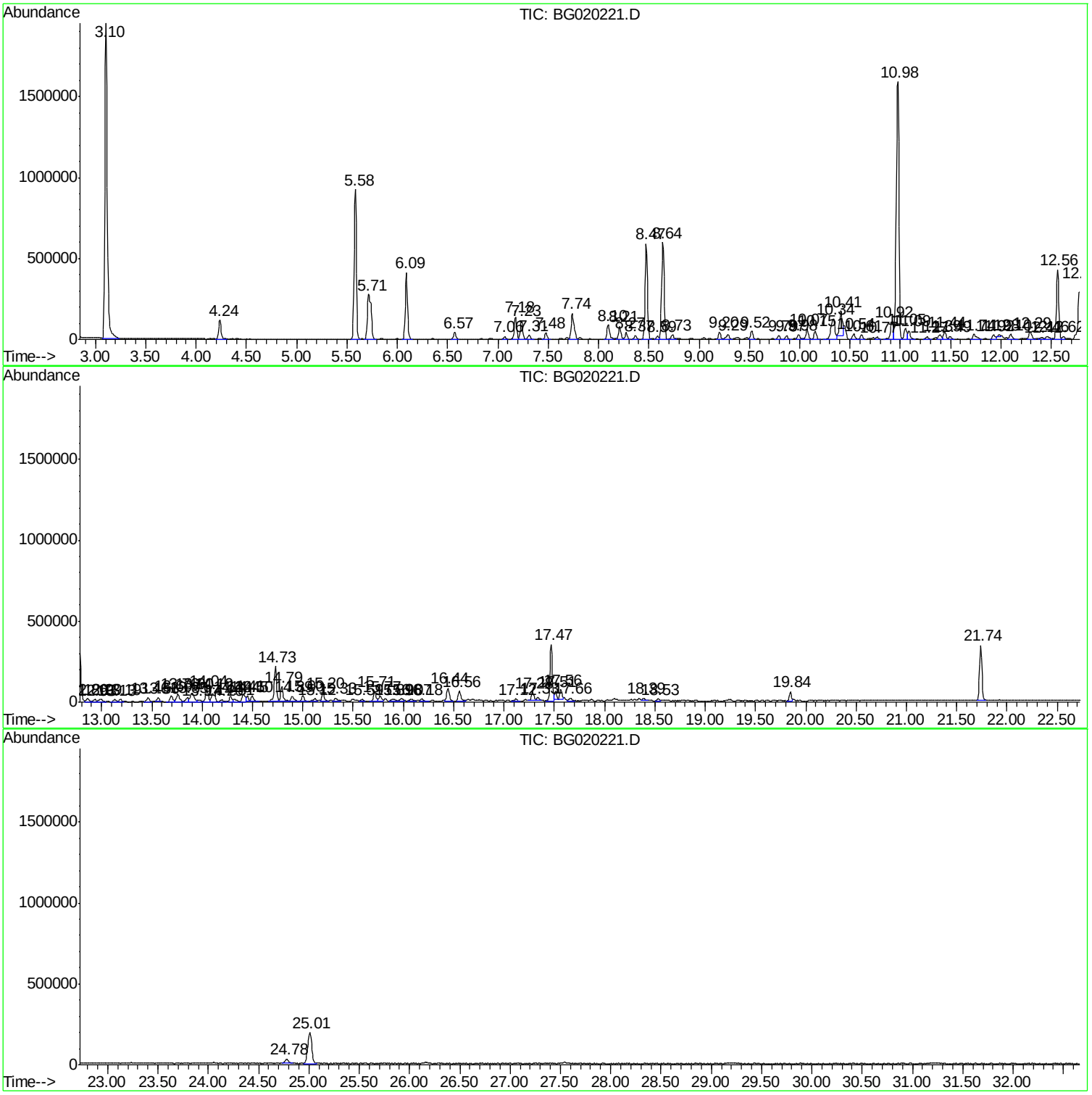
Sum of corrected areas: 21052036

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

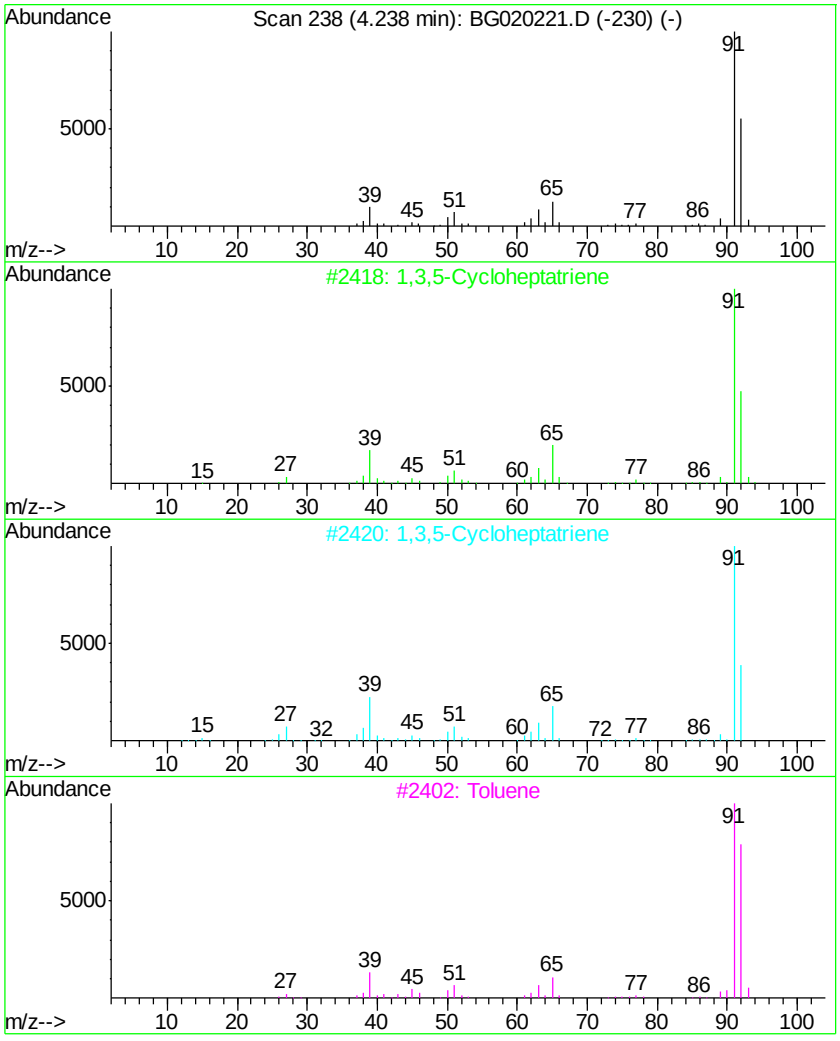
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

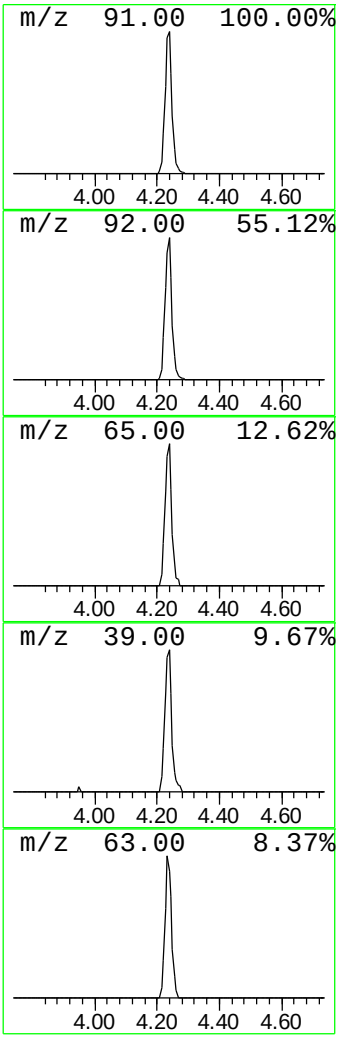
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	21.56 ng/ul	180077	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Toluene	92	C7H8	000108-88-3	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Toluene	92	C7H8	000108-88-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

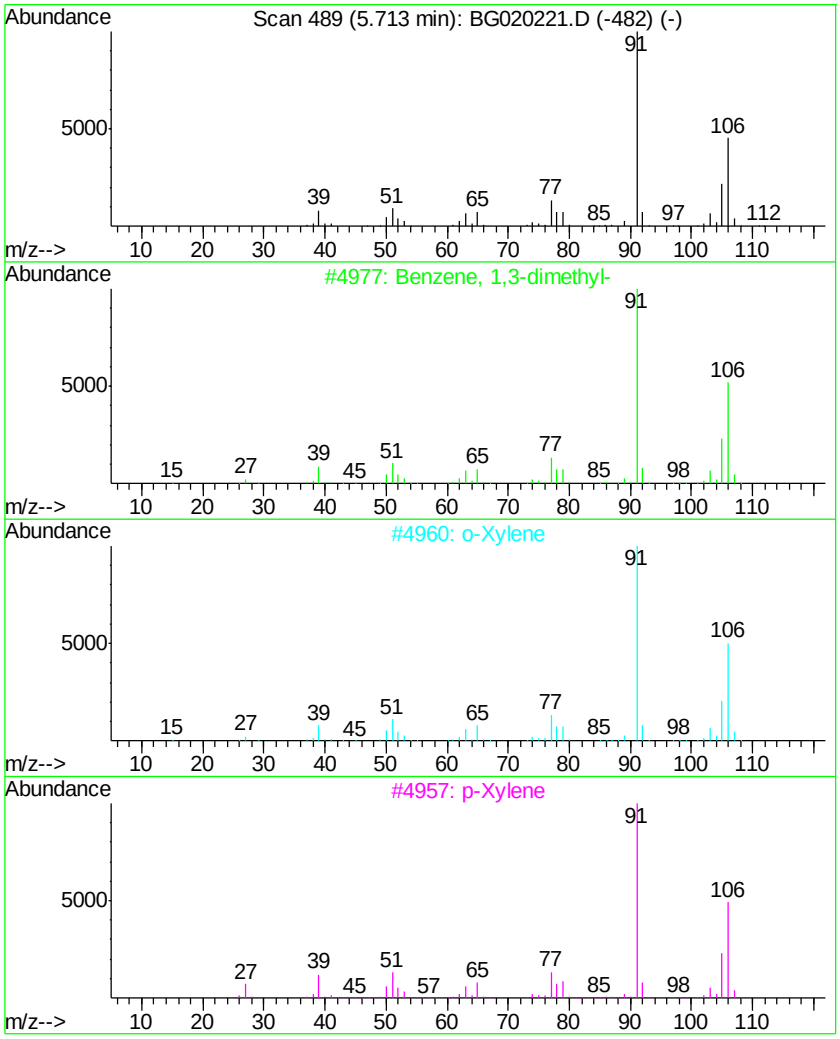
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

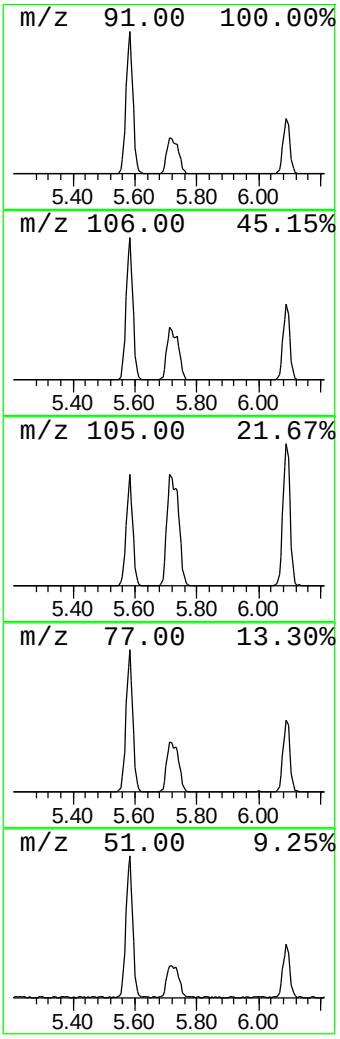
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	85.24 ng/ul	711826	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

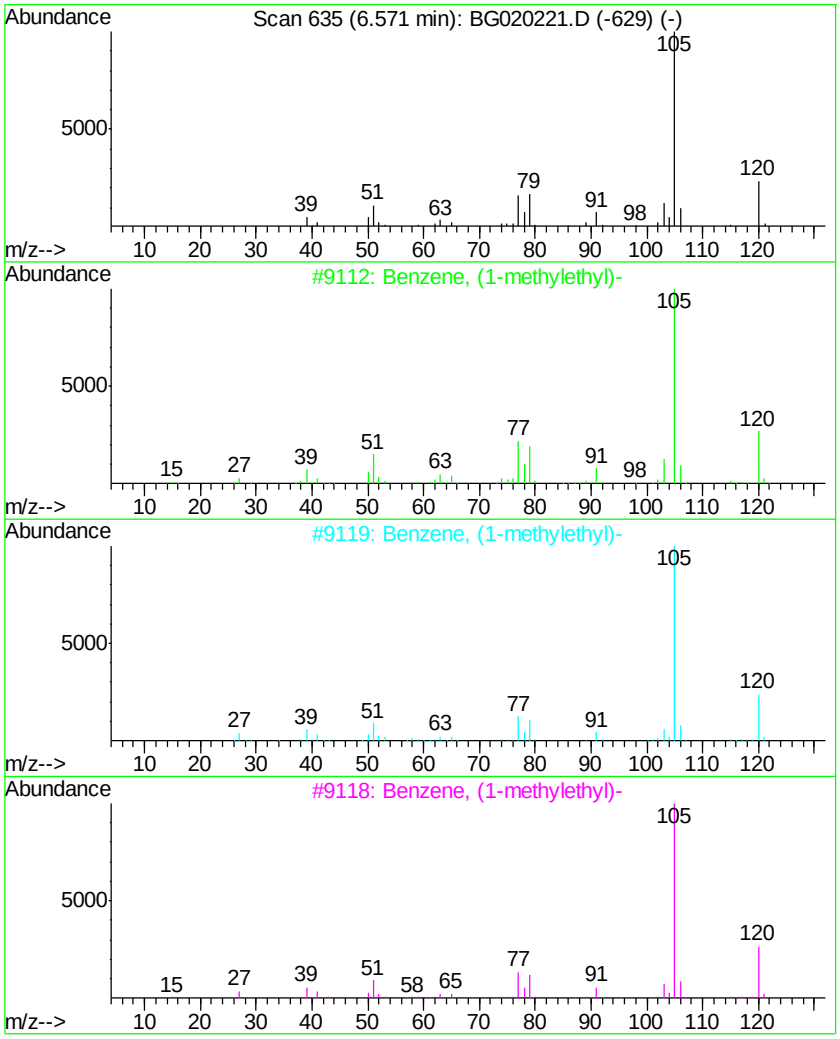
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

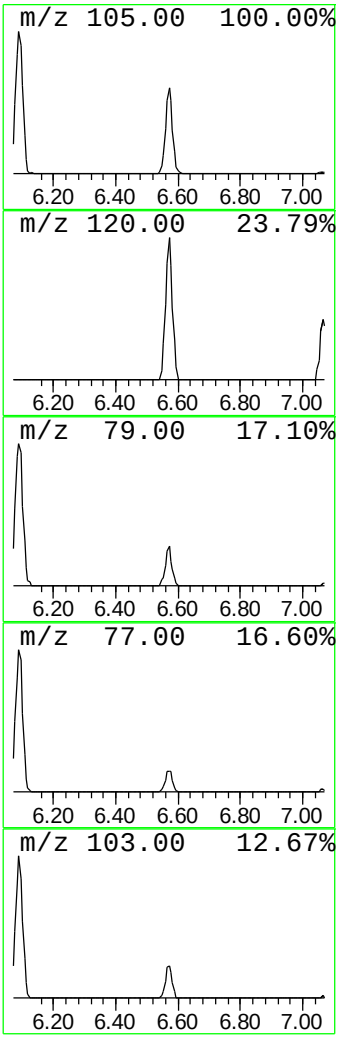
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	7.47 ng/ul	62343	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

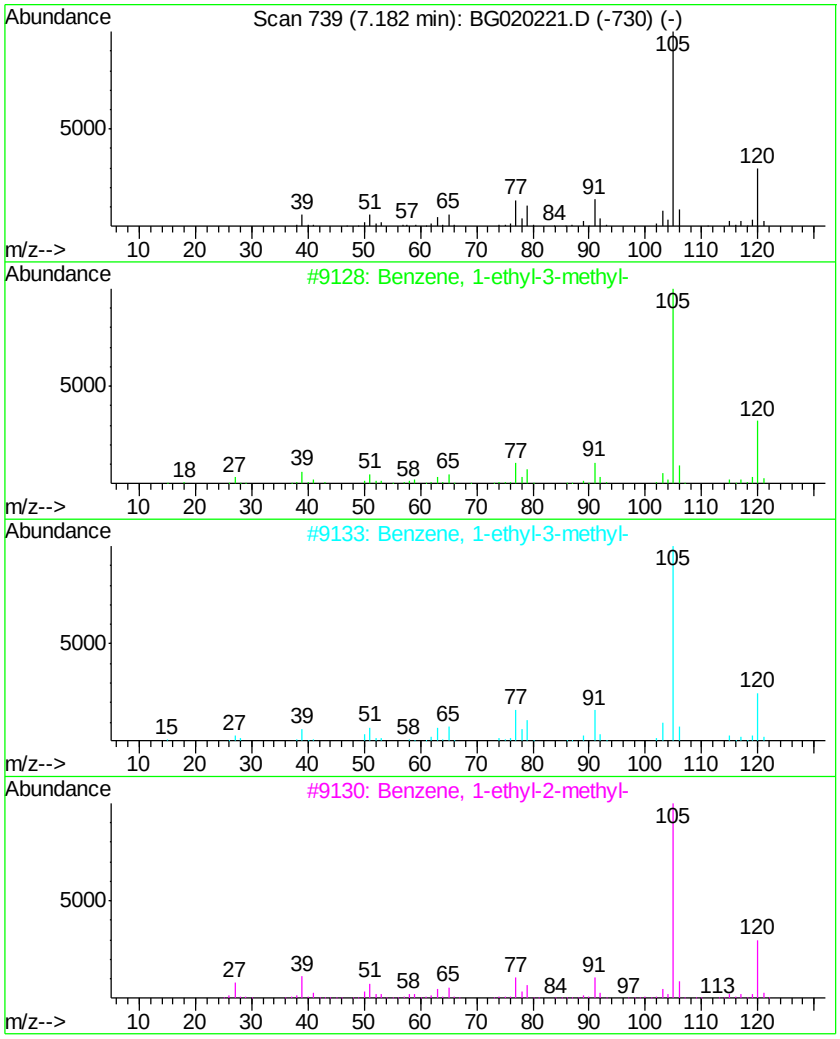
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

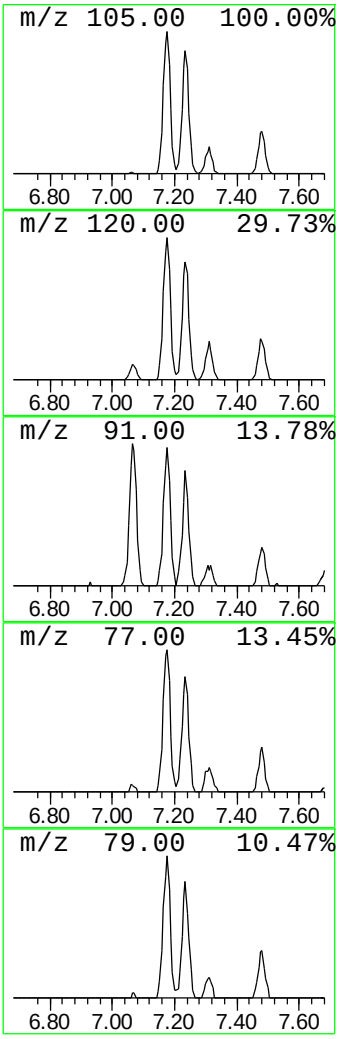
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	26.26 ng/ul	219294	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

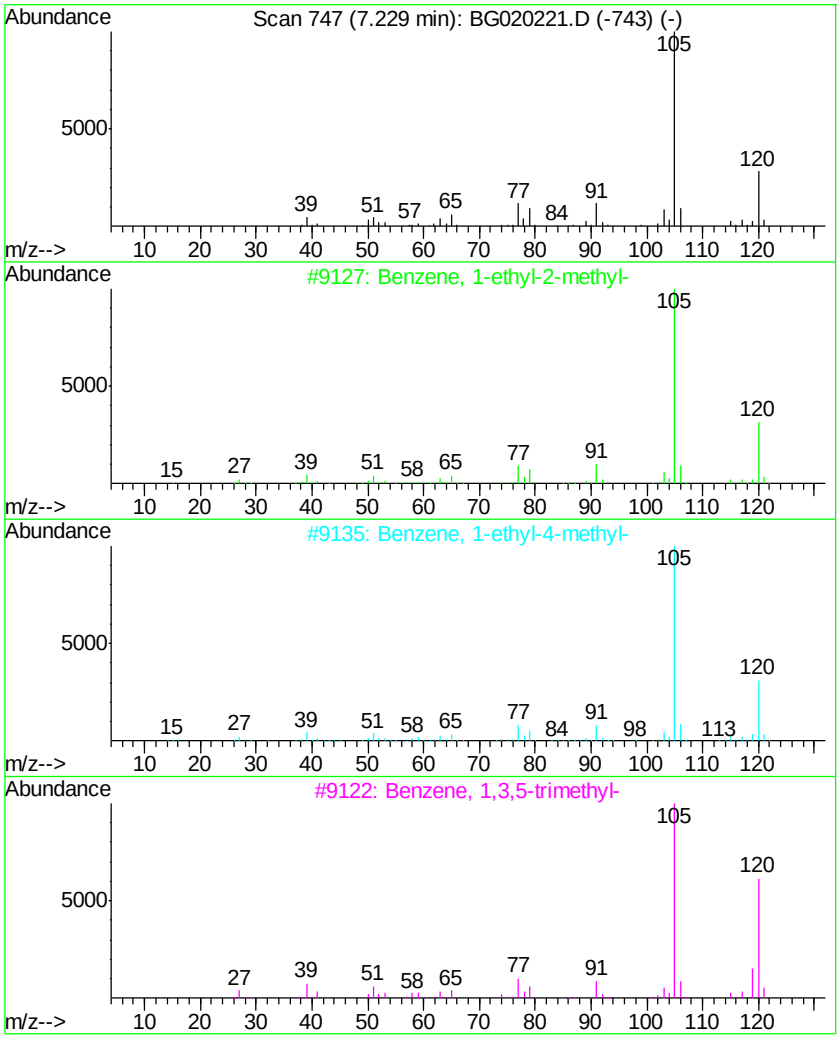
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

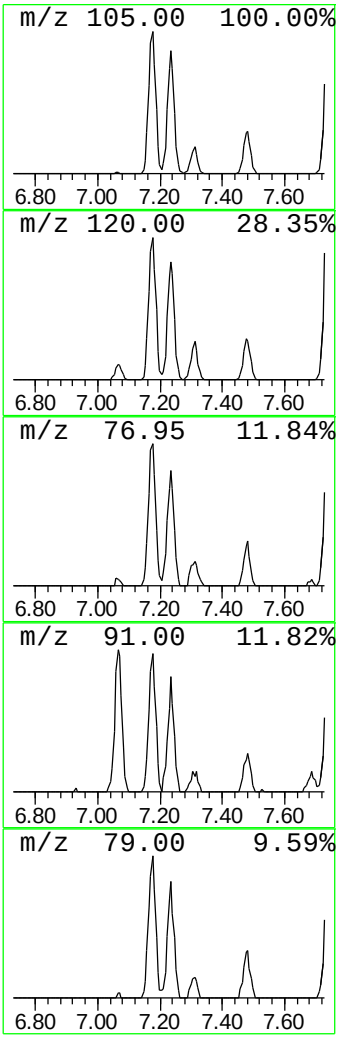
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	21.73 ng/ul	181456	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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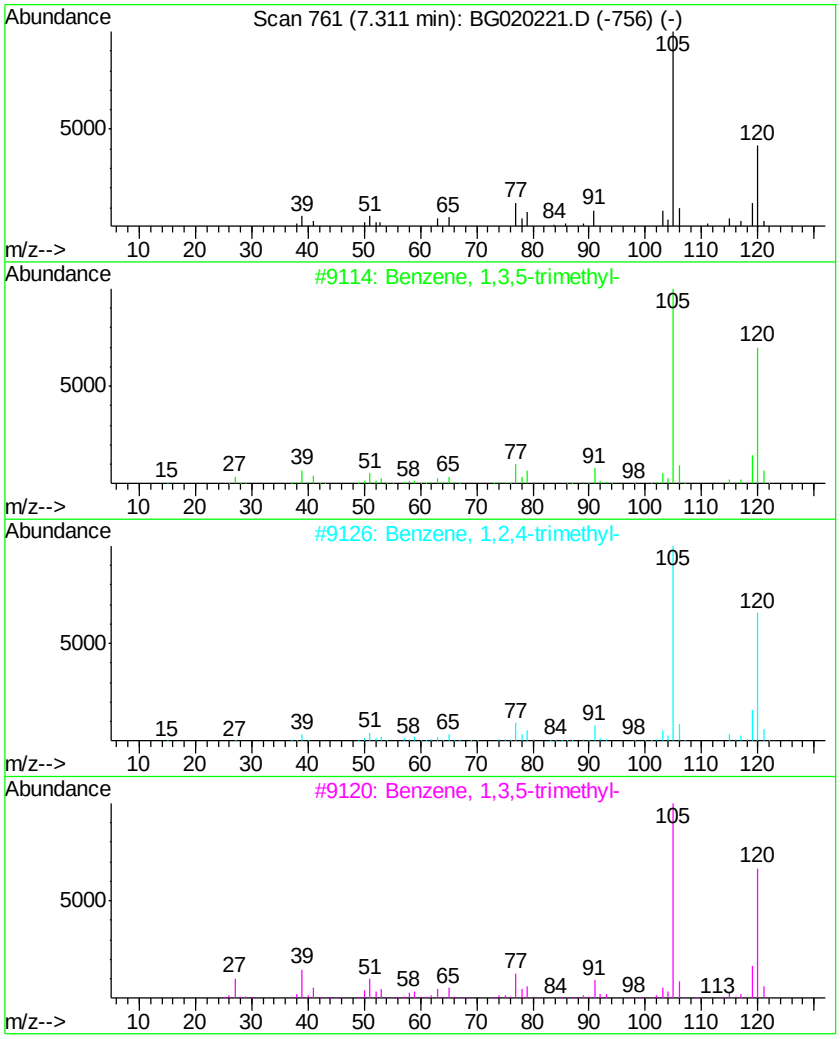
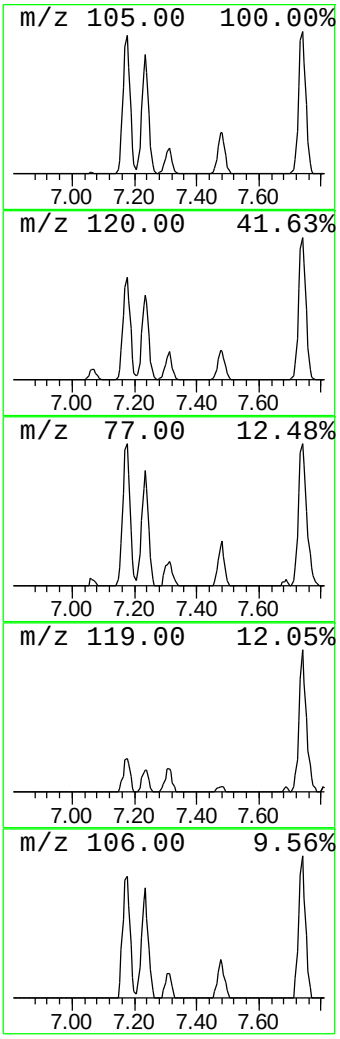
Peak Number 10 Benzene, 1,3,5-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	4.89 ng/ul	40806	1,4-Dichlorobenzene-d4	8.10

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





Library Search Compound Report

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Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

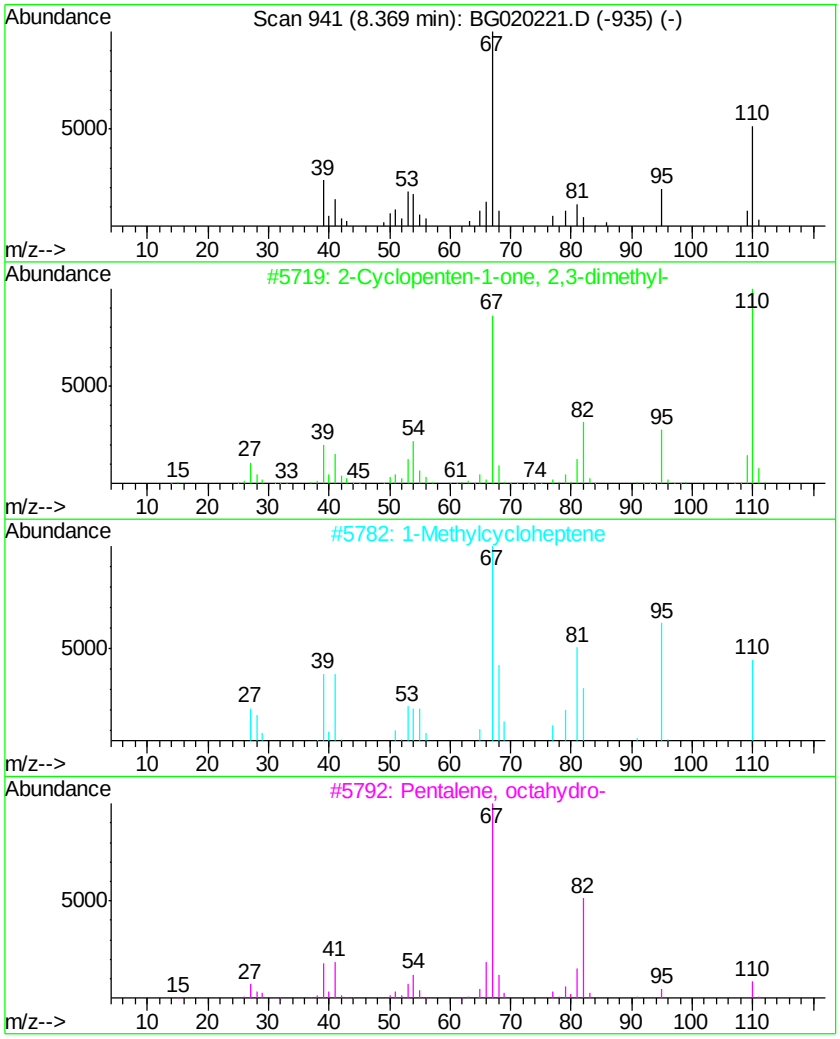
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

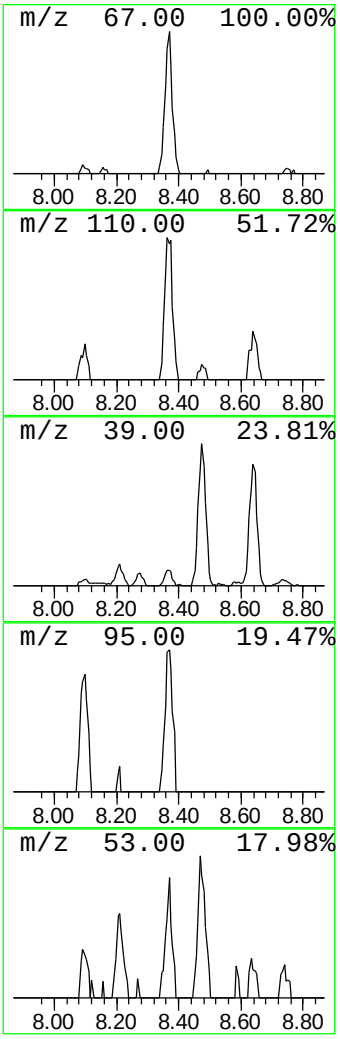
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	4.66 ng/ul	38918	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	90
2	1-Methylcycloheptene	110	C8H14	055308-20-8	53
3	Pentalene, octahydro-	110	C8H14	000694-72-4	50
4	2-Methyl-2,3-divinyloxirane	110	C7H10O	070597-50-1	50
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	49





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Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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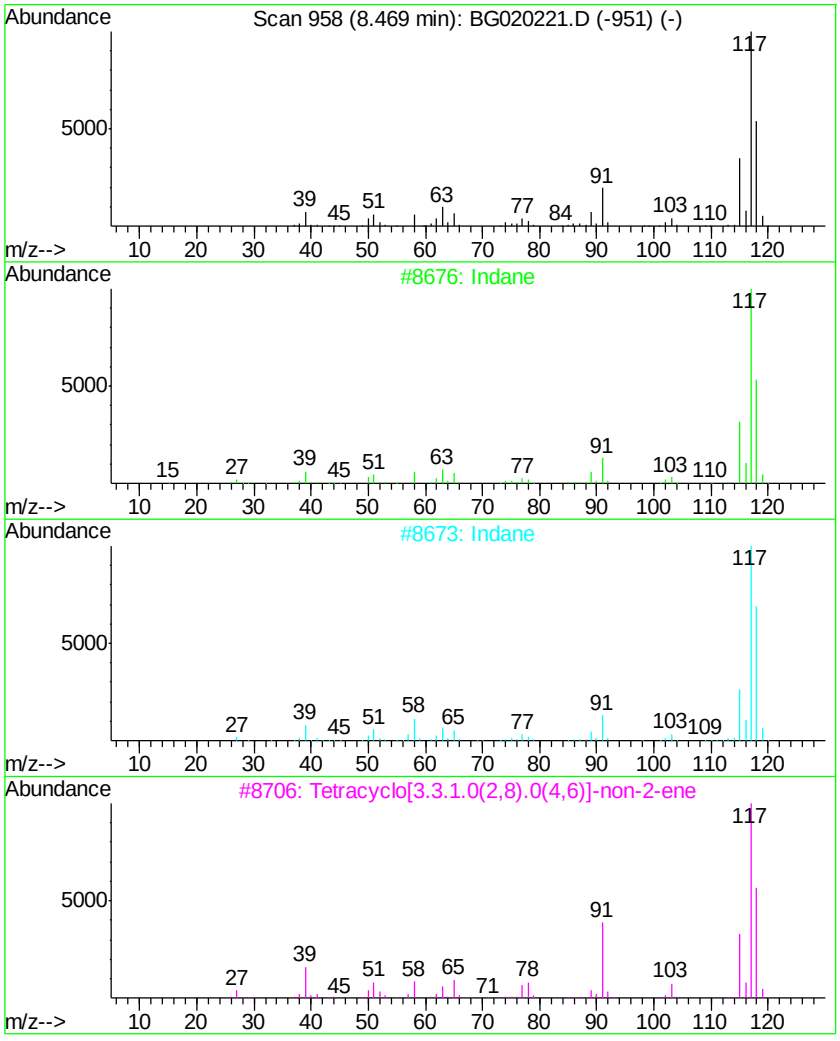
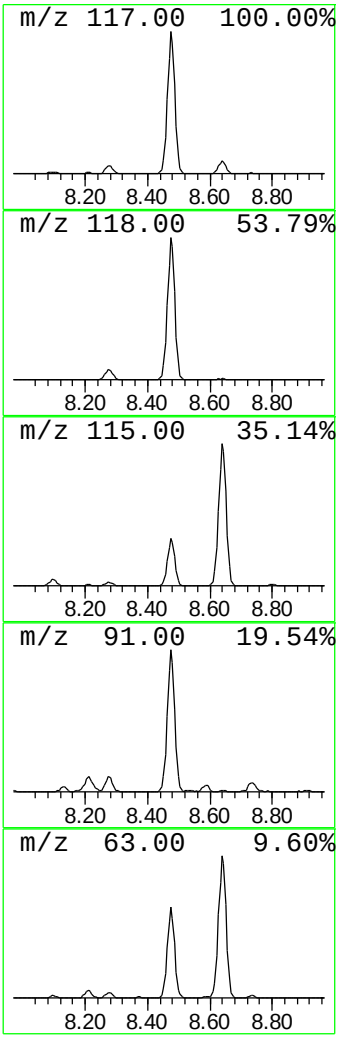
Peak Number 16 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	117.49 ng/ul	981091	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Library Search Compound Report

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Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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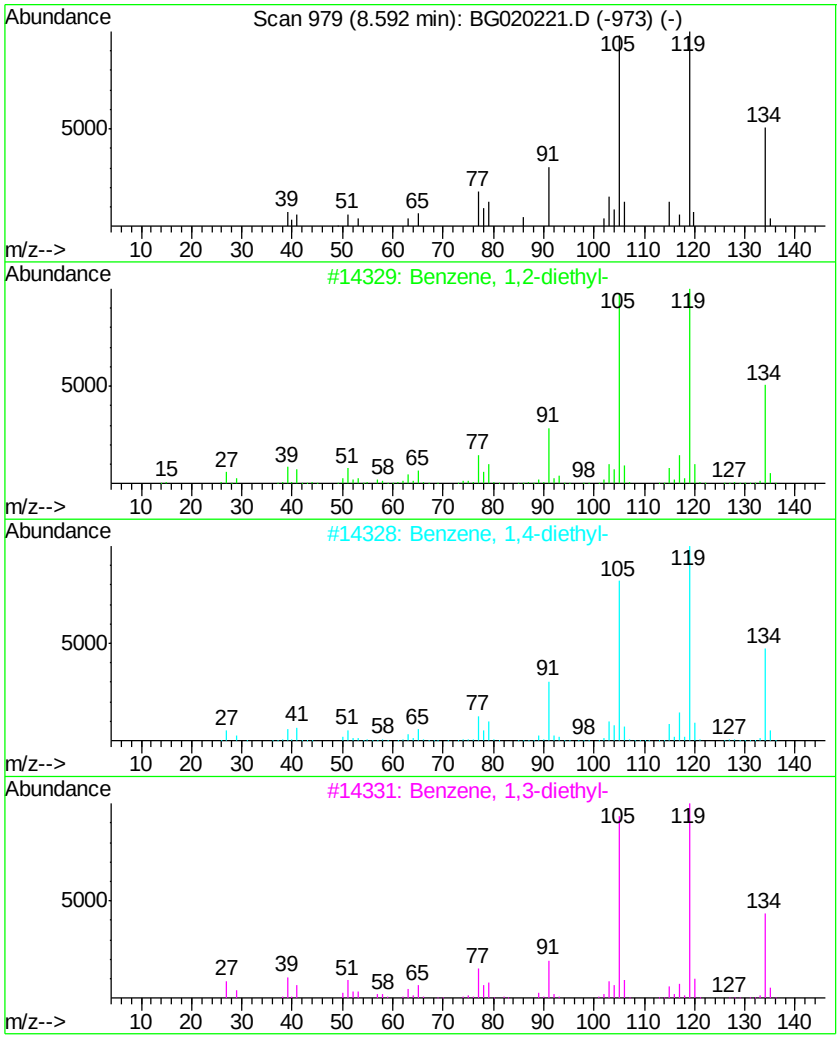
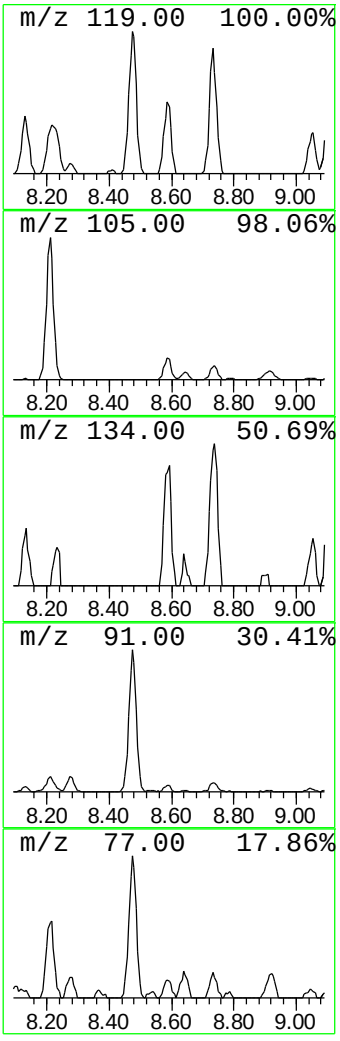
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	4.01 ng/ul	33450	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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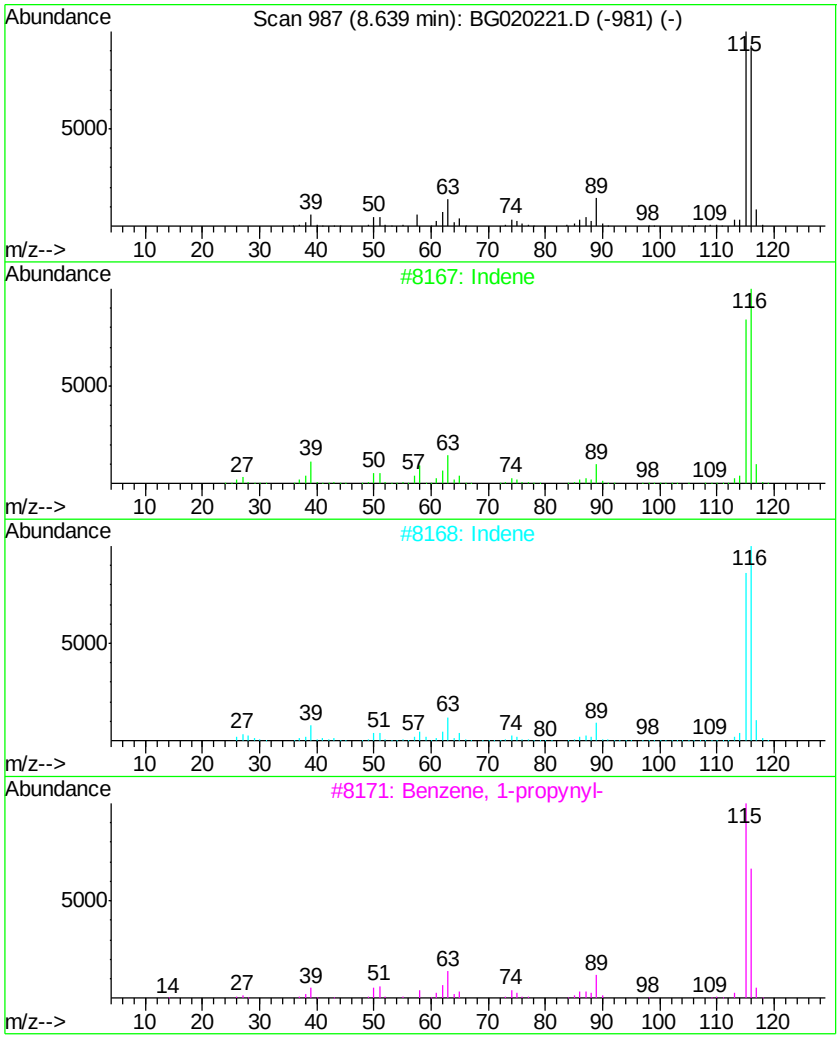
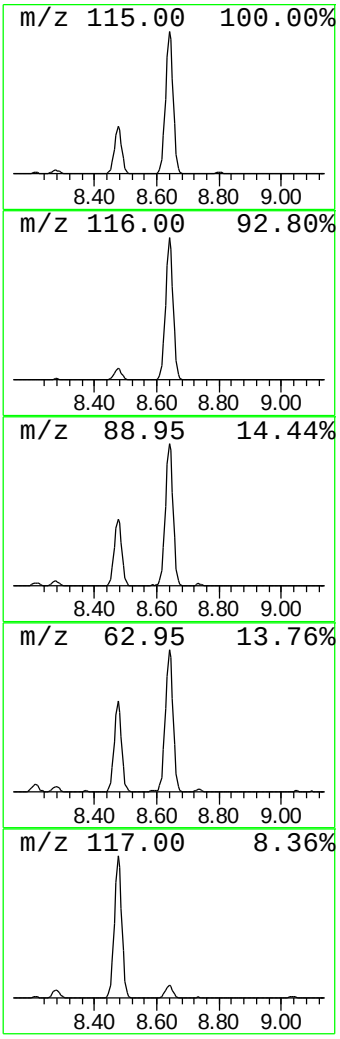
Peak Number 18 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	122.64 ng/ul	1024090	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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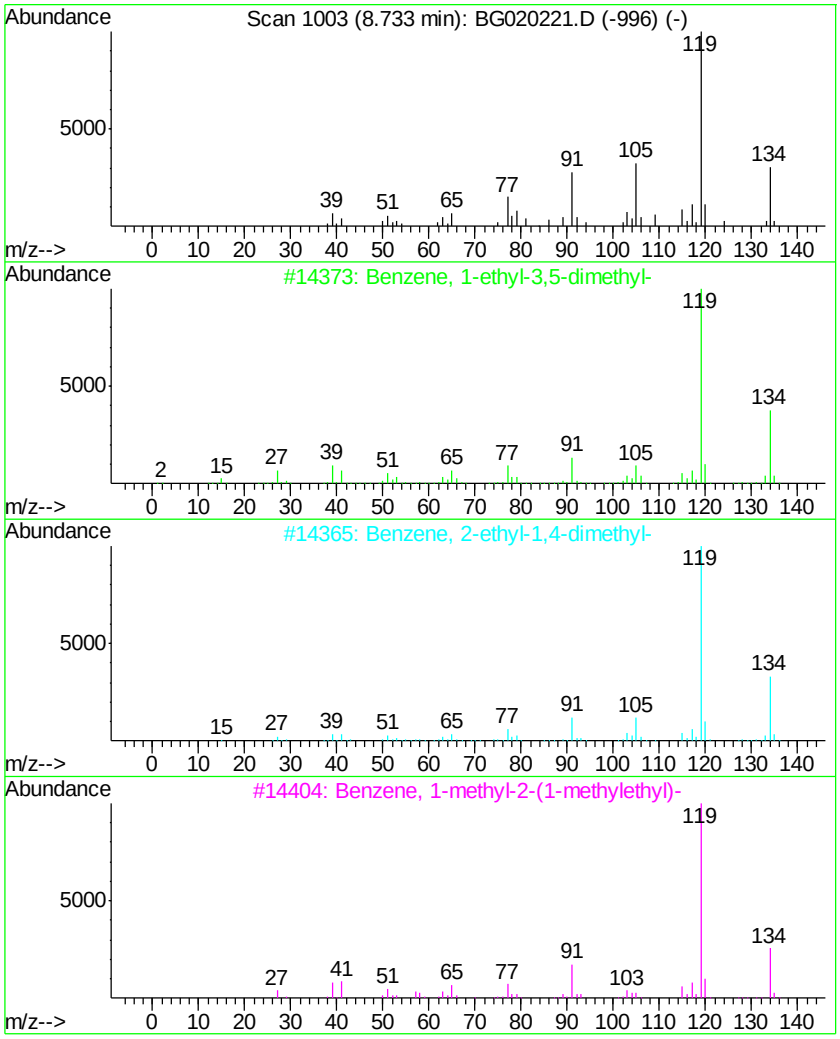
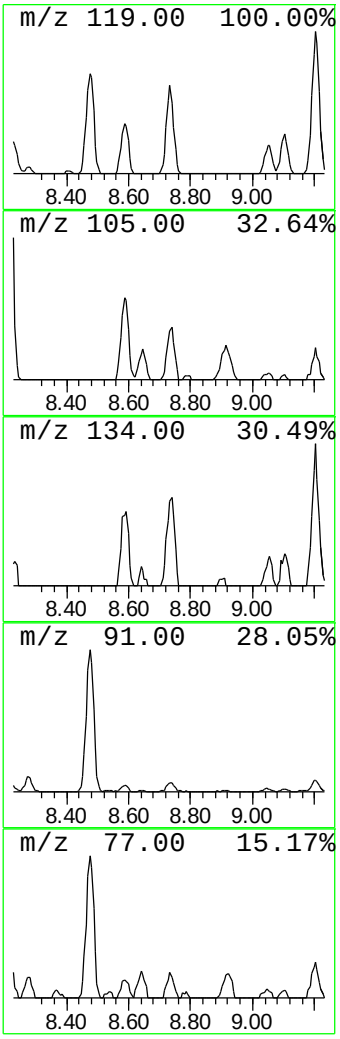
Peak Number 19 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	6.53 ng/ul	54521	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-2-(1-methyleth...	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 : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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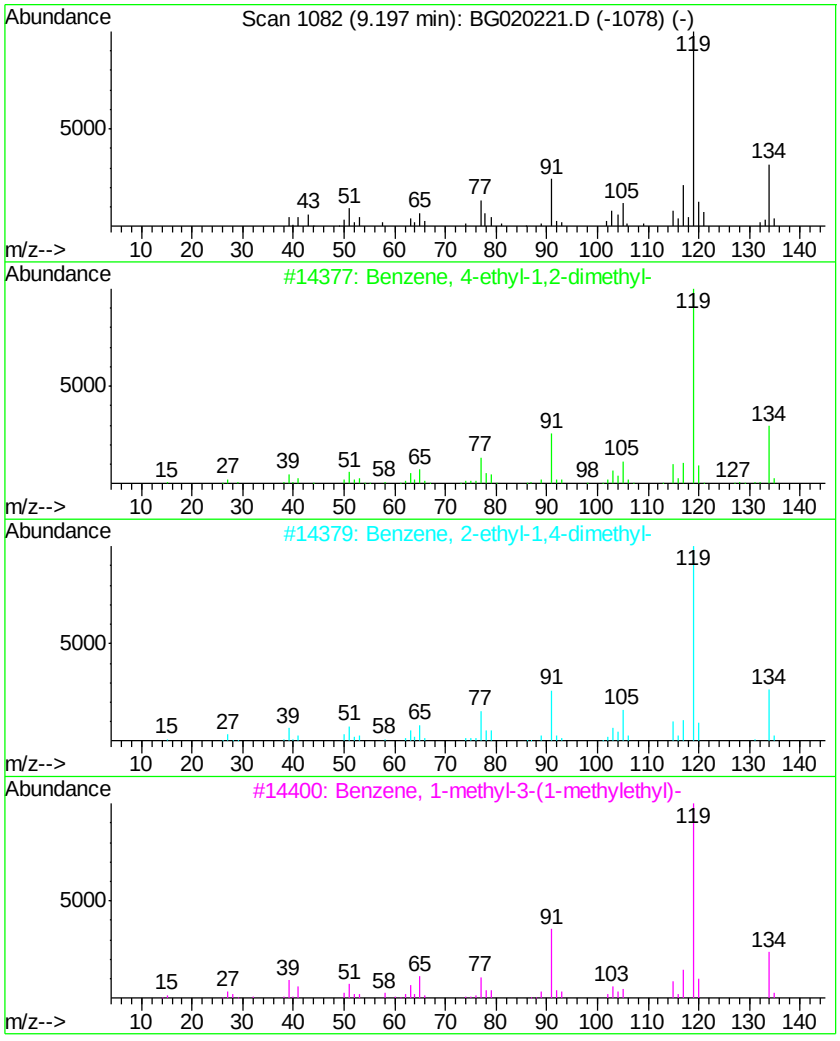
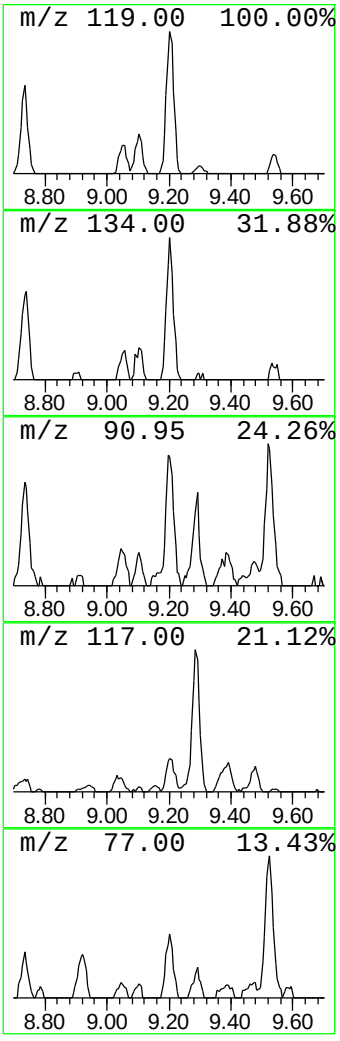
Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	8.03 ng/ul	67019	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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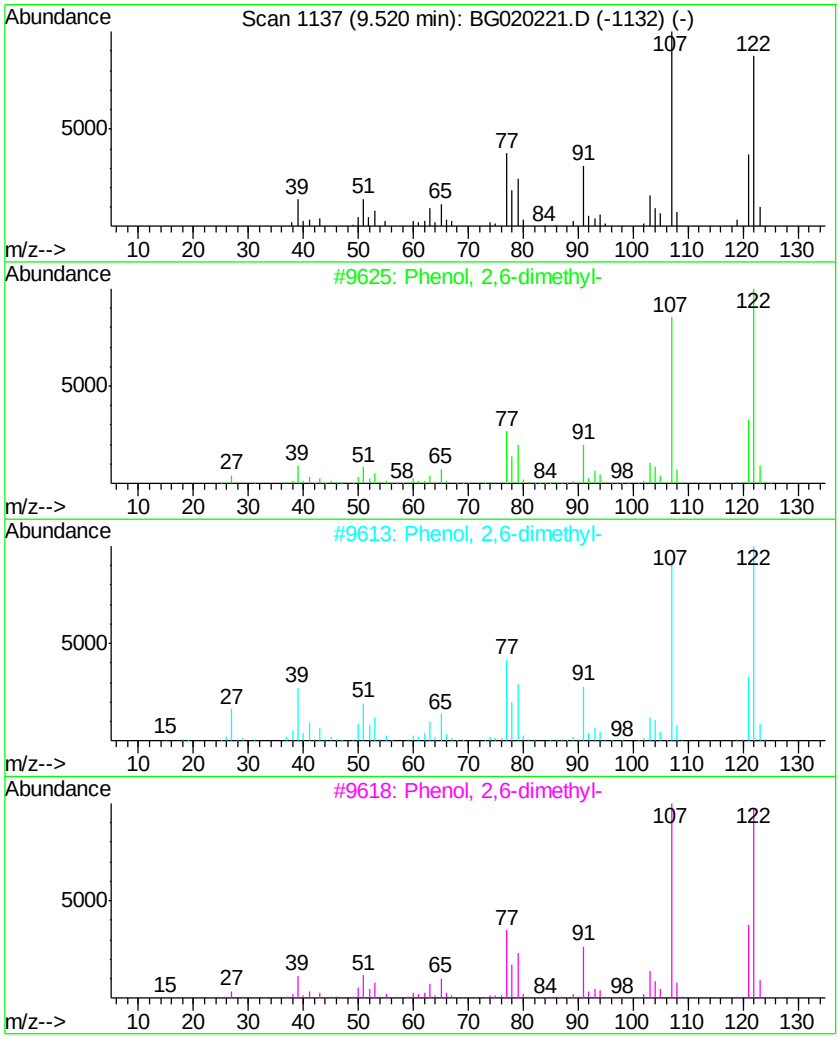
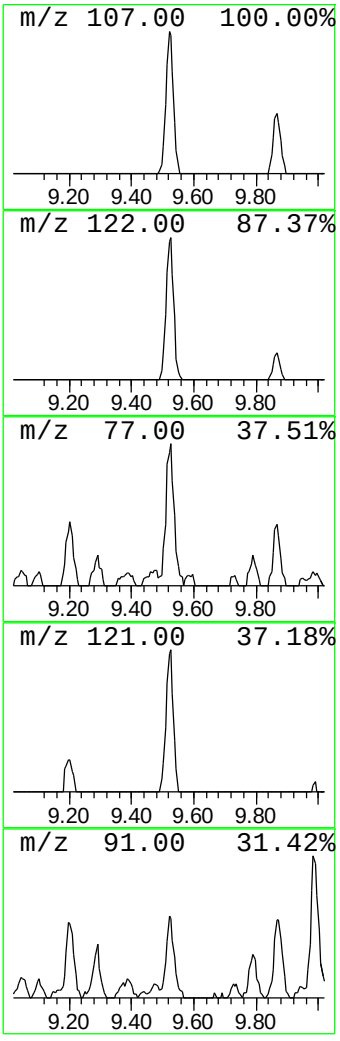
Peak Number 21 Phenol, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	7.49 ng/ul	86107	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	97
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96





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Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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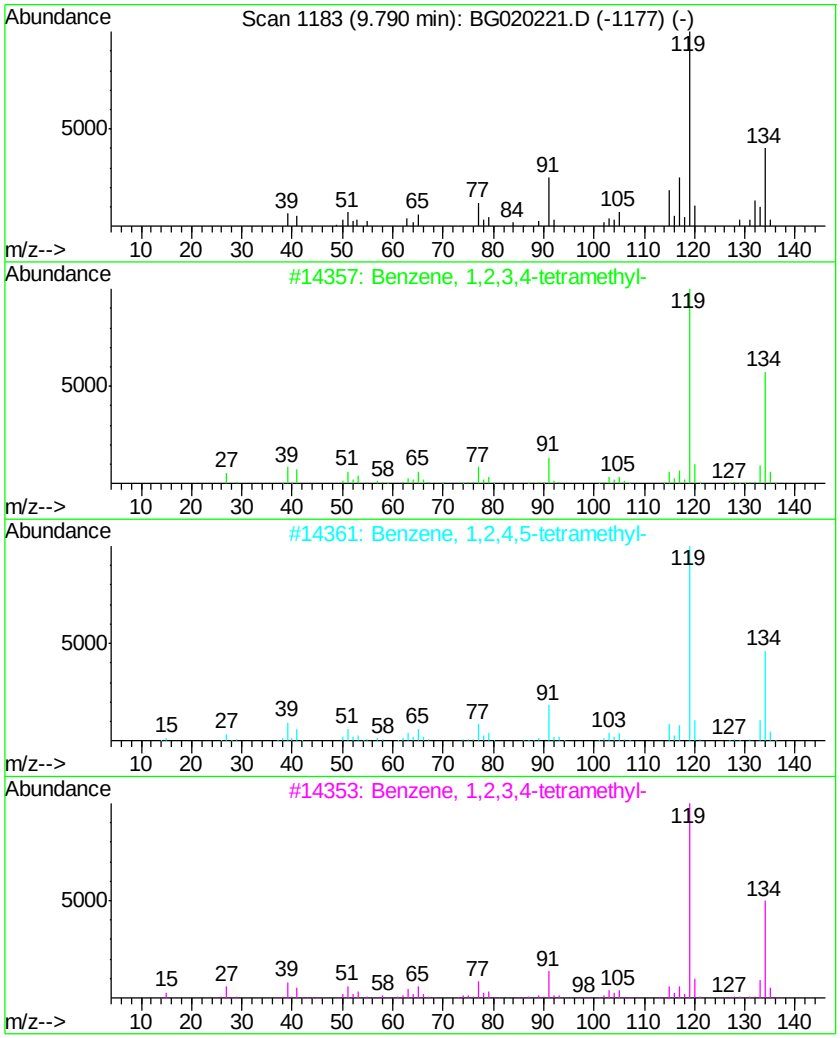
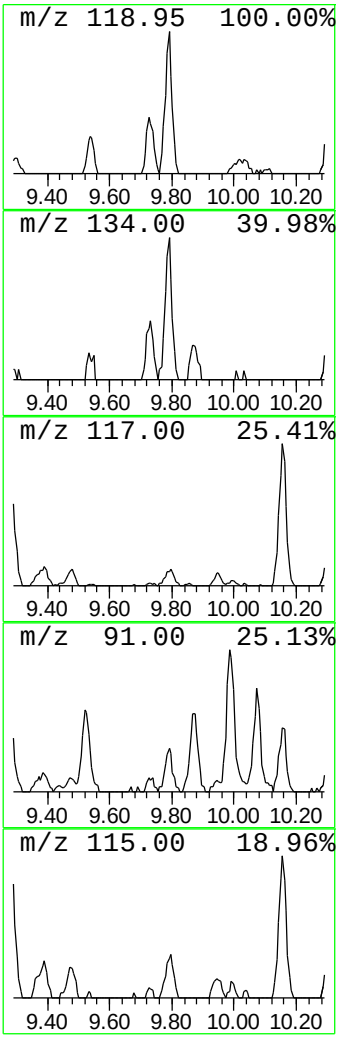
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.47 ng/ul	39942	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76





Library Search Compound Report

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Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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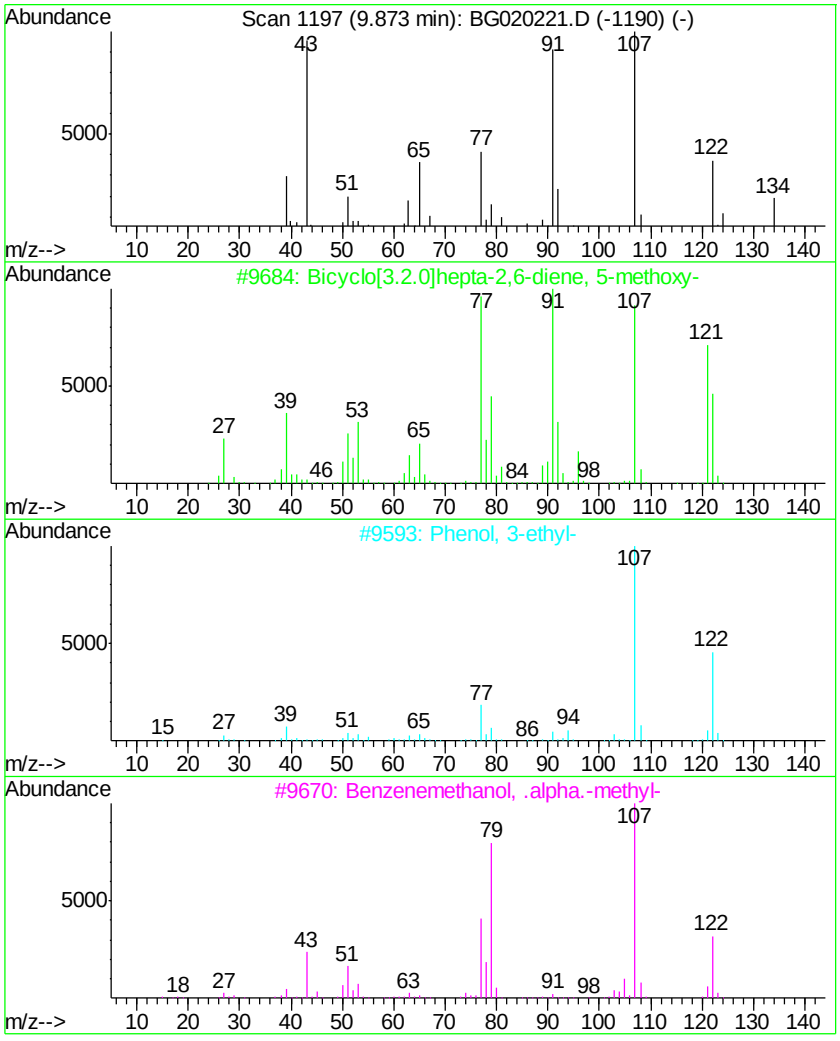
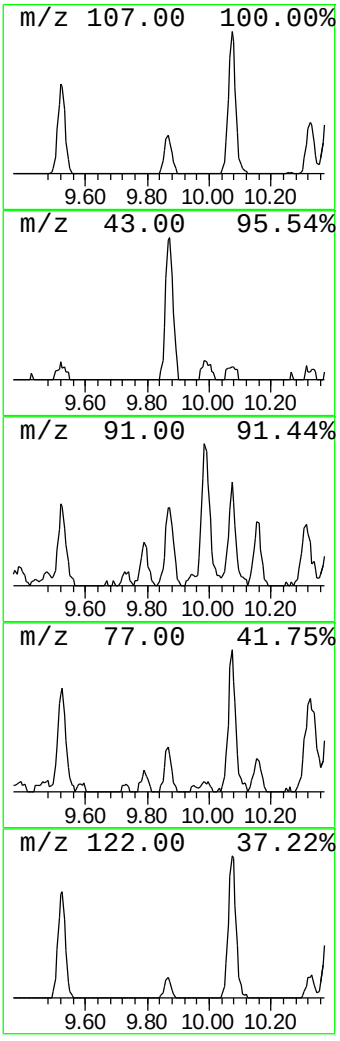
Peak Number 23 Bicyclo[3.2.0]hepta-2,6-die... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.55 ng/ul	40818	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.0]hepta-2,6-diene, 5...	122	C8H10O	016510-64-8	64
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
3	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	50
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	49
5	1,6-Dimethylhepta-1,3,5-triene	122	C9H14	1000196-61-0	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
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Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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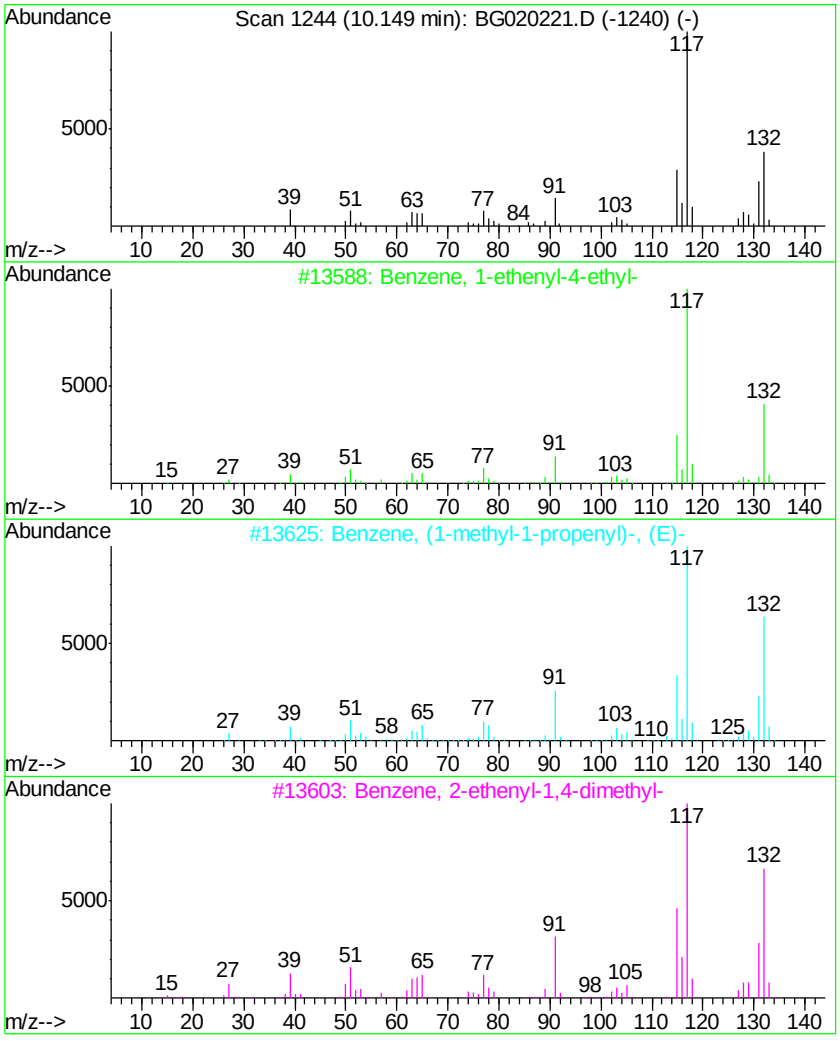
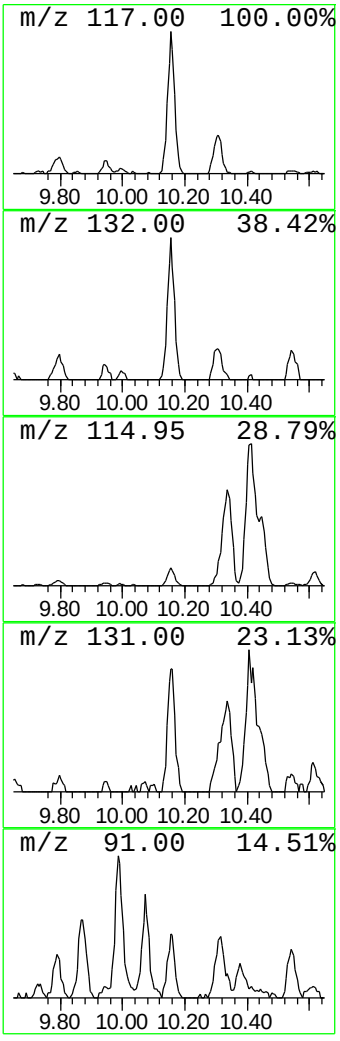
Peak Number 24 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	7.45 ng/ul	85660	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





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Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
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Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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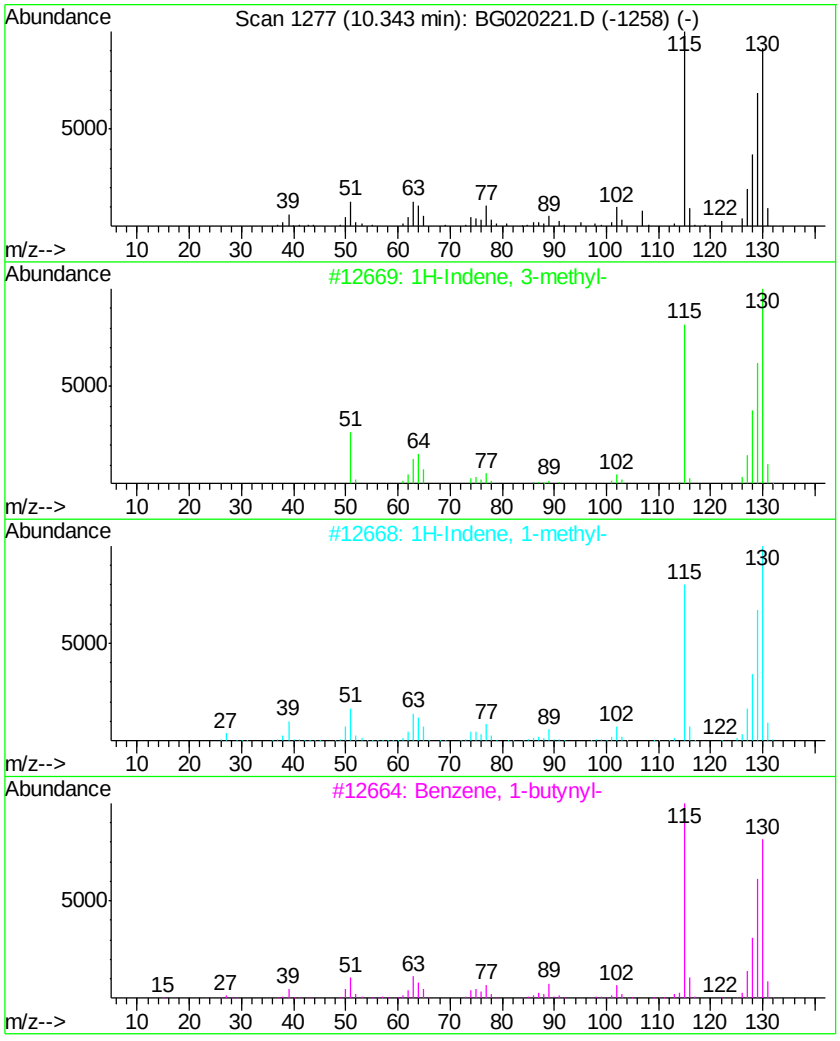
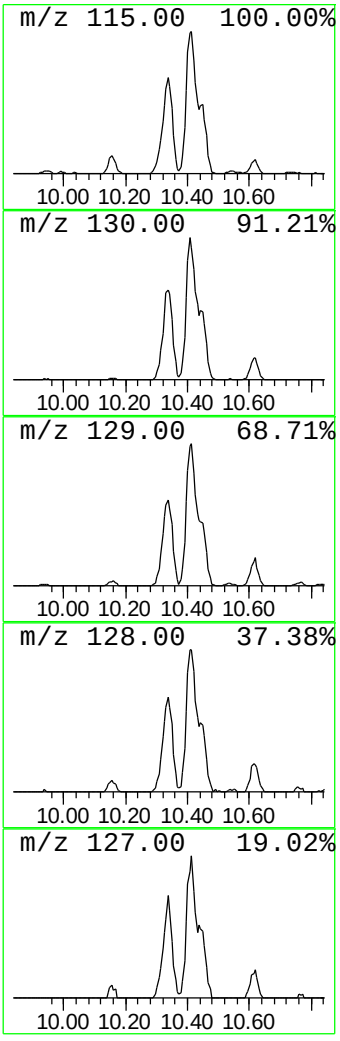
Peak Number 25 1H-Indene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	30.59 ng/ul	351876	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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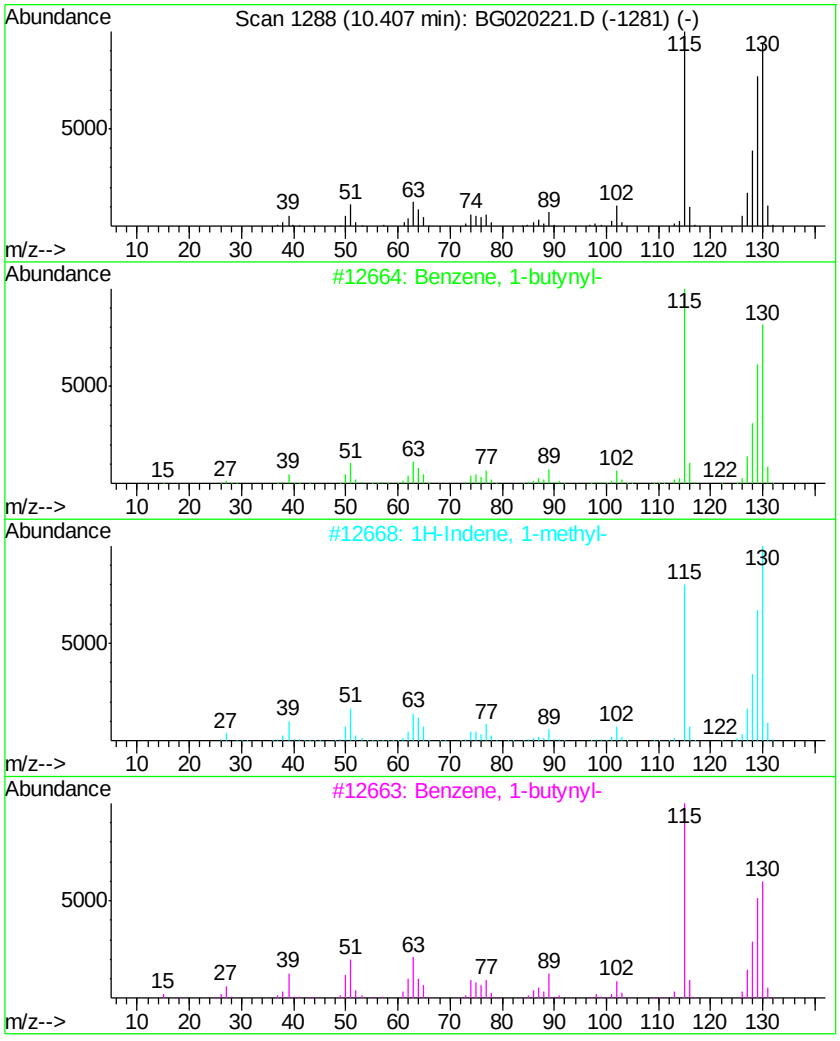
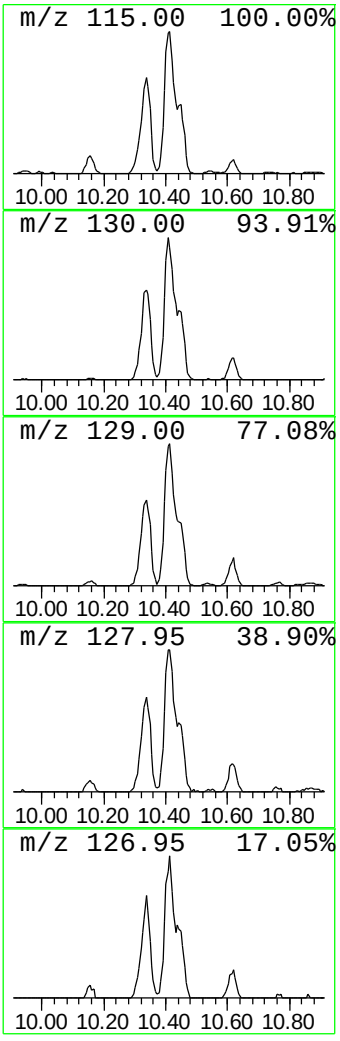
Peak Number 26 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	29.49 ng/ul	339228	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	2-Methylindene	130	C10H10	002177-47-1	93
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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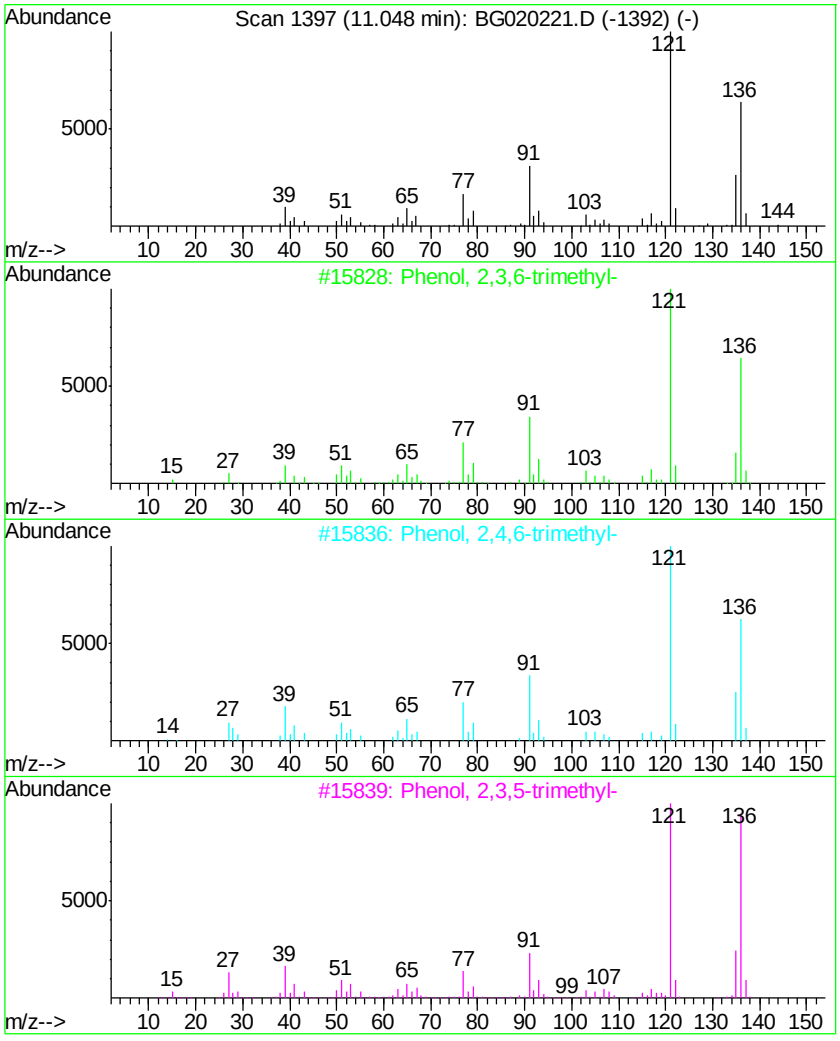
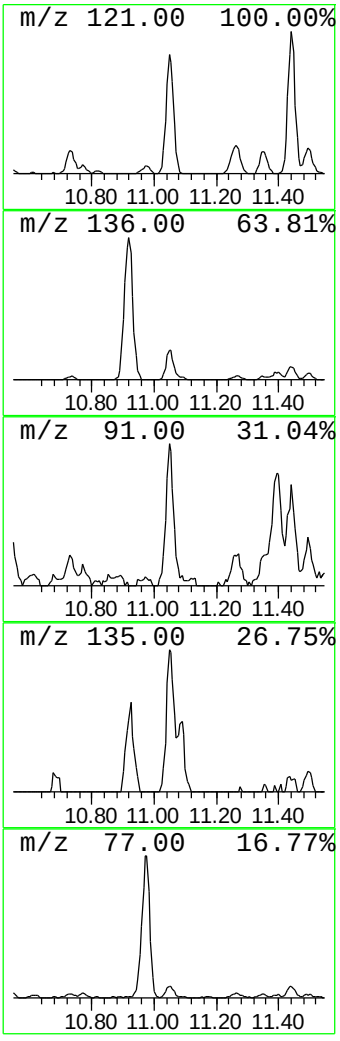
Peak Number 28 Phenol, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	11.20 ng/ul	128820	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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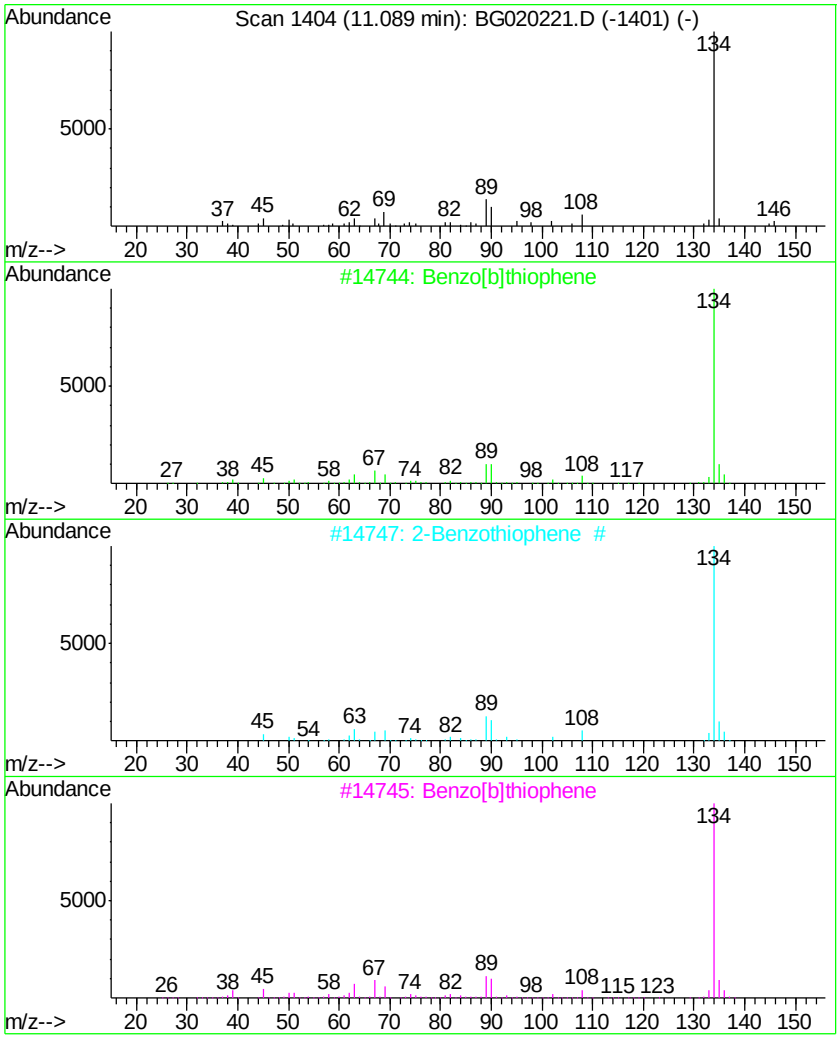
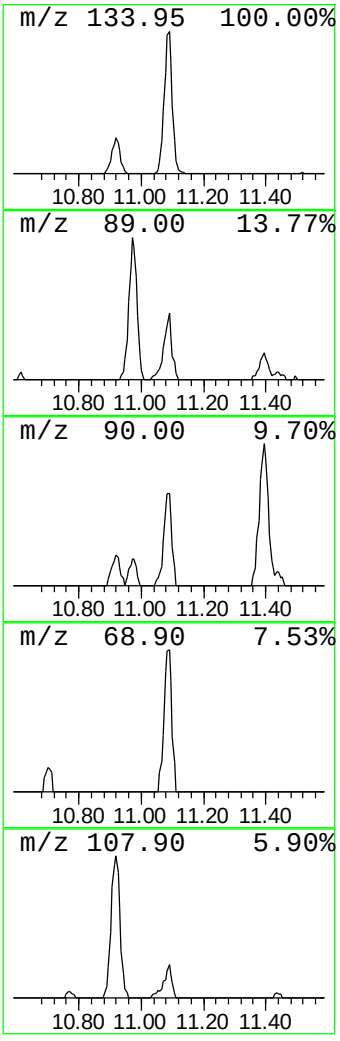
Peak Number 29 Benzo[b]thiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	7.04 ng/ul	80958	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	83
2	2-Benzothiophene #	134	C8H6S	000270-82-6	80
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	80
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	72
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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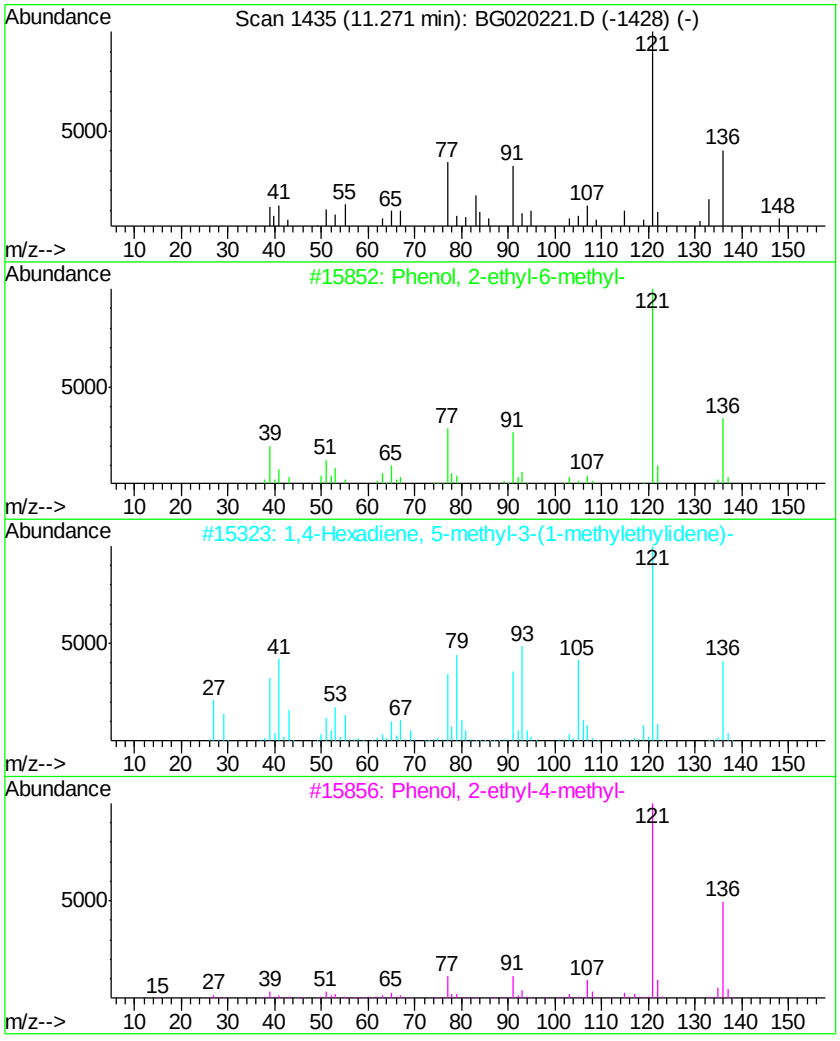
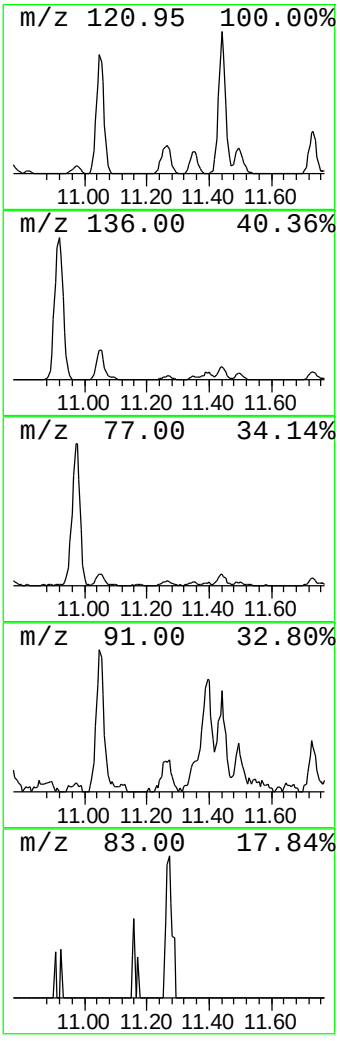
Peak Number 30 Phenol, 2-ethyl-6-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.54 ng/ul	29219	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	68
2	1,4-Hexadiene, 5-methyl-3-(1-met...	136	C10H16	113687-24-4	64
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	64
4	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	64
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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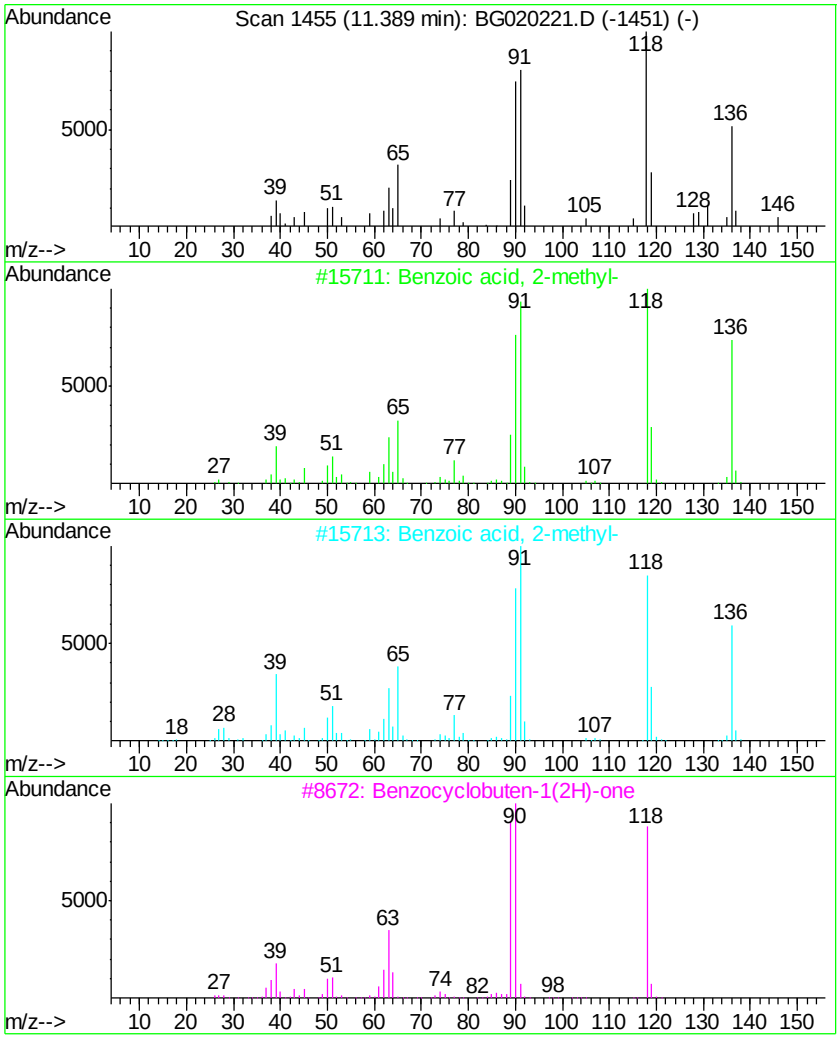
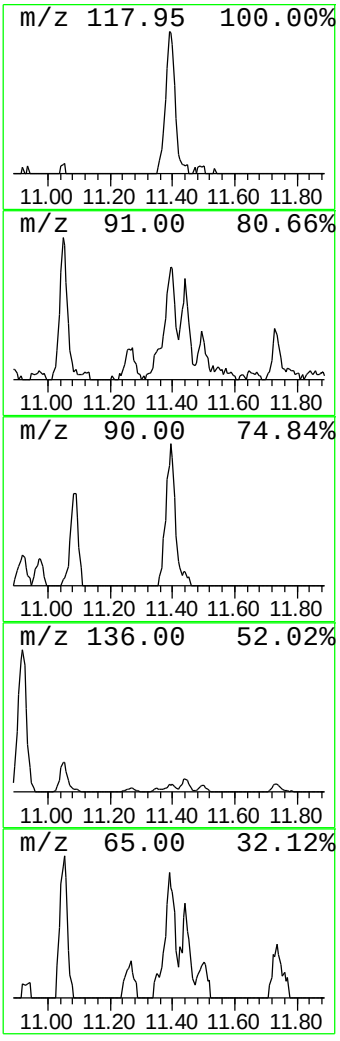
Peak Number 31 Benzoic acid, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.91 ng/ul	56432	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	91
2	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	91
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	59
4	1,3,5-Norcaratriene	90	C7H6	004646-69-9	58
5	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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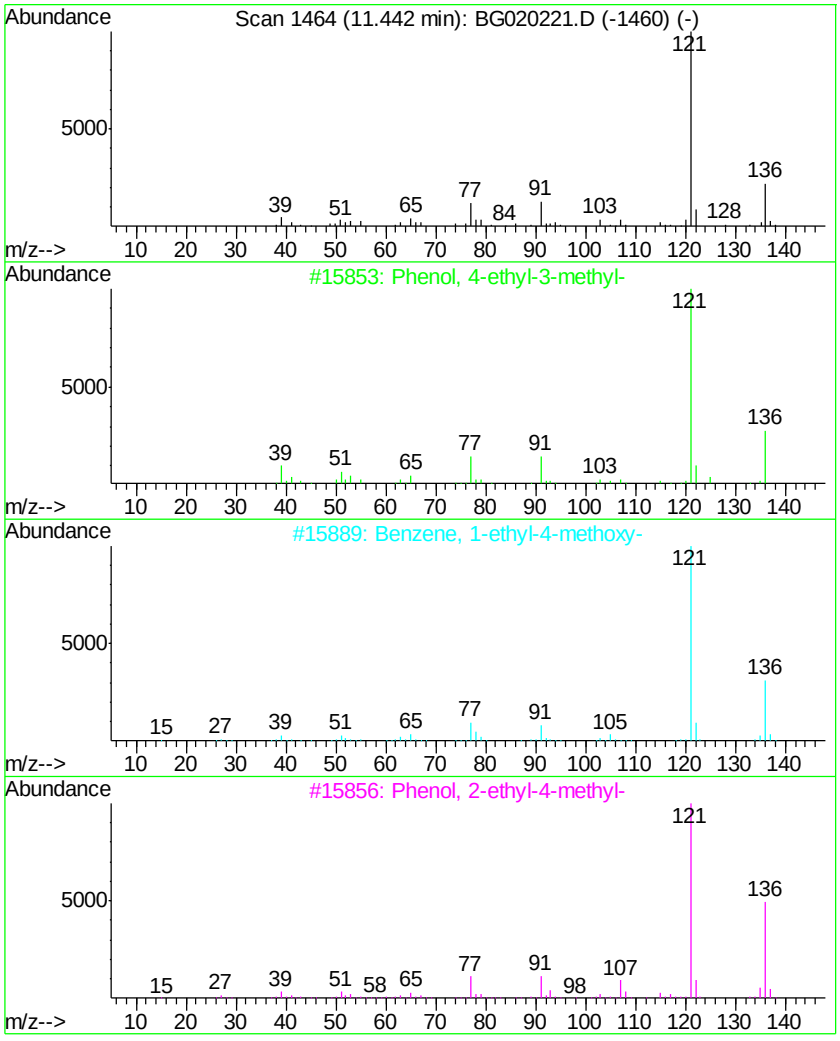
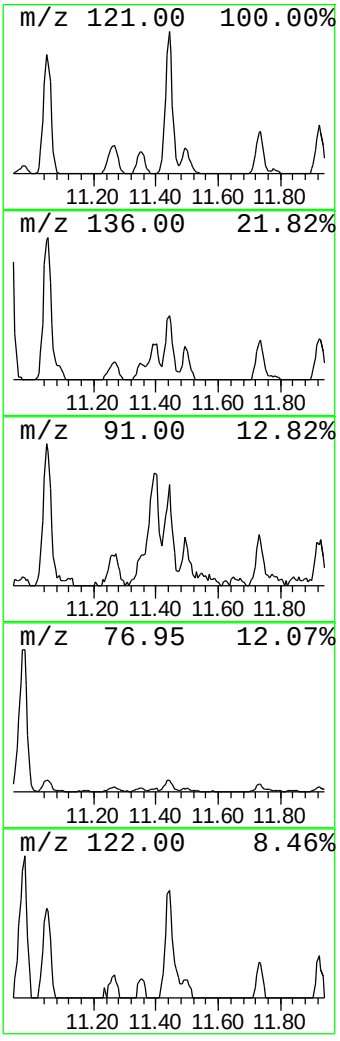
Peak Number 32 Phenol, 4-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	7.35 ng/ul	84546	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	87
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9C88DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,5-Cycloheptat...	4.24	21.6	ng/ul	180077	1	8.10	167015	20.0
Benzene, 1,3-dime...	5.71	85.2	ng/ul	711826	1	8.10	167015	20.0
Benzene, (1-methy...	6.57	7.5	ng/ul	62343	1	8.10	167015	20.0
Benzene, 1-ethyl-...	7.18	26.3	ng/ul	219294	1	8.10	167015	20.0
Benzene, 1-ethyl-...	7.23	21.7	ng/ul	181456	1	8.10	167015	20.0
Benzene, 1,3,5-tr...	7.31	4.9	ng/ul	40806	1	8.10	167015	20.0
2-Cyclopenten-1-o...	8.37	4.7	ng/ul	38918	1	8.10	167015	20.0
Indane	8.47	117.5	ng/ul	981091	1	8.10	167015	20.0
Benzene, 1,2-diet...	8.59	4.0	ng/ul	33450	1	8.10	167015	20.0
Indene	8.64	122.6	ng/ul	1024090	1	8.10	167015	20.0
Benzene, 1-ethyl-...	8.73	6.5	ng/ul	54521	1	8.10	167015	20.0
Benzene, 4-ethyl-...	9.20	8.0	ng/ul	67019	1	8.10	167015	20.0
Phenol, 2,6-dimet...	9.52	7.5	ng/ul	86107	2	10.92	230025	20.0
Benzene, 1,2,3,4-...	9.79	3.5	ng/ul	39942	2	10.92	230025	20.0
Bicyclo[3.2.0]hep...	9.87	3.5	ng/ul	40818	2	10.92	230025	20.0
Benzene, 1-etheny...	10.15	7.5	ng/ul	85660	2	10.92	230025	20.0
1H-Indene, 3-methyl-	10.34	30.6	ng/ul	351876	2	10.92	230025	20.0
Benzene, 1-butynyl-	10.41	29.5	ng/ul	339228	2	10.92	230025	20.0
Phenol, 2,3,6-tri...	11.05	11.2	ng/ul	128820	2	10.92	230025	20.0
Benzo[b]thiophene	11.09	7.0	ng/ul	80958	2	10.92	230025	20.0
Phenol, 2-ethyl-6...	11.27	2.5	ng/ul	29219	2	10.92	230025	20.0
Benzoic acid, 2-m...	11.39	4.9	ng/ul	56432	2	10.92	230025	20.0
Phenol, 4-ethyl-3...	11.44	7.3	ng/ul	84546	2	10.92	230025	20.0