LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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-BG102815.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	3.156	48	54	63	rBV	59621	113882	8.71%	0.309%
2	3.238	63	68	77	rVB	191098	270747	20.70%	0.736%
3	7.357	760	769	773	rBV3	45297	96452	7.37%	0.262%
4	7.515	791	796	803	rBV	107839	180674	13.81%	0.491%
5	7.733	828	833	841	rVB	125815	223135	17.06%	0.606%
6	8.027	877	883	892	rVB3	57387	102867	7.86%	0.279%
7	8.203	906	913	919	rVV	115979	204206	15.61%	0.555%
8	8.514	962	966	972	rVB	60299	93448	7.14%	0.254%
9	8.585	972	978	990	rBV6	52023	136357	10.42%	0.370%
10	8.749	999	1006	1012	rVB2	48265	97265	7.44%	0.264%
11	8.855	1015	1024	1030	rBV	212010	360854	27.58%	0.980%
12	8.920	1030	1035	1041	rVB2	127485	216818	16.57%	0.589%
13	9.184	1072	1080	1084	rBV3	94194	174226	13.32%	0.473%
14	9.290	1092	1098	1100	rVV2	178977	321357	24.57%	0.873%
15	9.319	1100	1103	1108	rVV2	235530	414447	31.68%	1.126%
16	9.378	1108	1113	1125	rVV	164870	350494	26.79%	0.952%
17	9.490	1125	1132	1137	rVV3	101856	219818	16.80%	0.597%
18	9.578	1142	1147	1153	rVB3	120071	225022	17.20%	0.611%
19	9.648	1153	1159	1162	rBV3	75605	137943	10.54%	0.375%
20	9.695	1162	1167	1173	rVV3	87820	228521	17.47%	0.621%
21	9.766	1173	1179	1188	rVB2	278446	492366	37.64%	1.338%
22	9.983	1210	1216	1222	rVB	141987	235221	17.98%	0.639%
23	10.107	1230	1237	1241	rBV4	209228	395549	30.24%	1.075%
24	10.218	1251	1256	1259	rBV2	84739	144882	11.08%	0.394%
25	10.259	1259	1263	1266	rVV3	118544	202189	15.46%	0.549%
26	10.306	1266	1271	1280	rVB	178698	331367	25.33%	0.900%
27	10.535	1304	1310	1318	rVB8	32499	93114	7.12%	0.253%
28	10.653	1320	1330	1337	rBV3	318467	661566	50.57%	1.797%
29	10.853	1359	1364	1370	rVV	311267	664958	50.83%	1.807%
30	10.911	1370	1374	1382	rVV7	141764	284703	21.76%	0.774%
31	11.035	1382	1395	1400	rVV	157400	369483	28.24%	1.004%
32	11.088	1400	1404	1412	rVV8	60047	152493	11.66%	0.414%
33	11.176	1413	1419	1426	rVB	644271	1108999	84.77%	3.013%
34	11.299	1427	1440	1445	rBV3	97271	286904	21.93%	0.780%

LSC Area Percent Report

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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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-BG102815.M
Title : SVOA CALIBRATION

35	11.382	1448	1454	1460	rVB3	211900	377626	28.87%	1.026%
36	11.446	1460	1465	1472	rVB5	64647	146377	11.19%	0.398%
37	11.570	1480	1486	1490	rBV	191086	383232	29.29%	1.041%
38	11.622	1490	1495	1502	rVB	594148	1024091	78.28%	2.782%
39	11.705	1502	1509	1514	rBV9	38265	96474	7.37%	0.262%
40	11.787	1515	1523	1529	rVB3	89028	176089	13.46%	0.478%
41	11.857	1530	1535	1537	rBV	75600	114890	8.78%	0.312%
42	11.899	1537	1542	1547	rVB3	173886	299239	22.87%	0.813%
43	11.951	1547	1551	1556	rVB	87727	128769	9.84%	0.350%
44	12.098	1566	1576	1580	rBV	373857	703214	53.75%	1.911%
45	12.139	1580	1583	1591	rVB2	192654	324213	24.78%	0.881%
46	12.216	1591	1596	1600	rBV2	117929	175185	13.39%	0.476%
47	12.421	1626	1631	1639	rVB	138578	229628	17.55%	0.624%
48	12.527	1643	1649	1653	rBV	133950	271713	20.77%	0.738%
49	12.574	1654	1657	1660	rVV	99736	161198	12.32%	0.438%
50	12.610	1660	1663	1674	rVV4	87492	245635	18.78%	0.667%
51	12.709	1675	1680	1686	rVV	544501	886794	67.79%	2.409%
52	12.780	1686	1692	1701	rVV5	248500	592453	45.29%	1.610%
53	12.892	1707	1711	1720	rVB5	169828	336256	25.70%	0.914%
54	12.991	1723	1728	1731	rBV	234909	326880	24.99%	0.888%
55	13.033	1731	1735	1741	rVV2	503503	829750	63.43%	2.254%
56	13.109	1744	1748	1752	rVB2	193447	288209	22.03%	0.783%
57	13.197	1757	1763	1765	rBV3	329032	591720	45.23%	1.608%
58	13.256	1768	1773	1778	rVB4	353831	662206	50.62%	1.799%
59	13.303	1778	1781	1786	rBV2	186369	290399	22.20%	0.789%
60	13.432	1799	1803	1810	rVB10	54773	100086	7.65%	0.272%
61	13.585	1825	1829	1833	rBV3	102760	150590	11.51%	0.409%
62	13.638	1833	1838	1843	rVB5	106720	174759	13.36%	0.475%
63	13.702	1844	1849	1851	rBV5	121189	216185	16.53%	0.587%
64	13.808	1863	1867	1873	rVB3	350020	612047	46.79%	1.663%
65	13.973	1887	1895	1898	rBV2	343099	620246	47.41%	1.685%
66	14.072	1908	1912	1914	rBV3	67987	99891	7.64%	0.271%
67	14.102	1914	1917	1921	rVB3	176687	231792	17.72%	0.630%
68	14.166	1923	1928	1931	rBV4	195350	352954	26.98%	0.959%
69	14.231	1936	1939	1947	rVB	535017	830203	63.46%	2.256%
70	14.325	1949	1955	1963	rBV4	475779	958704	73.28%	2.605%
71	14.413	1965	1970	1974	rBV2	156016	327014	25.00%	0.889%

LSC Area Percent Report

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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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-BG102815.M
Title : SVOA CALIBRATION

72	14.454	1975	1977	1984	rVB4	168149	270061	20.64%	0.734%
73	14.531	1984	1990	1996	rBV	446876	766227	58.57%	2.082%
74	14.695	2013	2018	2022	rVV3	108421	204972	15.67%	0.557%
75	14.836	2036	2042	2050	rBV4	421703	959126	73.32%	2.606%
76	14.907	2050	2054	2058	rVV	259169	357350	27.32%	0.971%
77	14.995	2064	2069	2071	rBV3	181584	320866	24.53%	0.872%
78	15.018	2071	2073	2080	rVB3	284923	474921	36.30%	1.290%
79	15.130	2087	2092	2095	rBV2	106004	198572	15.18%	0.540%
80	15.300	2118	2121	2128	rVB6	72860	112825	8.62%	0.307%
81	15.389	2128	2136	2139	rBV5	74568	186990	14.29%	0.508%
82	15.606	2169	2173	2178	rBV5	105160	166554	12.73%	0.453%
83	15.759	2195	2199	2204	rVV4	64702	152098	11.63%	0.413%
84	15.823	2204	2210	2215	rVB	592265	905621	69.23%	2.461%
85	15.929	2223	2228	2235	rVB2	309511	519261	39.69%	1.411%
86	16.076	2249	2253	2259	rBV2	74536	124081	9.48%	0.337%
87	16.188	2268	2272	2277	rVB3	162446	242136	18.51%	0.658%
88	16.252	2279	2283	2287	rBV2	112134	159966	12.23%	0.435%
89	16.493	2321	2324	2332	rVB3	76434	132059	10.09%	0.359%
90	16.875	2385	2389	2392	rBV5	96241	149642	11.44%	0.407%
91	17.122	2428	2431	2436	rBV5	60899	112853	8.63%	0.307%
92	17.298	2458	2461	2466	rVB3	82497	118715	9.07%	0.323%
93	17.574	2503	2508	2514	rBV	420281	652164	49.85%	1.772%
94	17.674	2520	2525	2532	rBV2	677401	1043196	79.74%	2.834%
95	17.762	2535	2540	2545	rVB3	151341	272405	20.82%	0.740%
96	18.438	2653	2655	2661	rVB5	73286	119234	9.11%	0.324%
97	19.948	2907	2912	2918	rVB	933521	1308186	100.00%	3.554%
98	21.863	3232	3238	3248	rVB	489315	811014	62.00%	2.204%
99	25.007	3764	3773	3783	rVB	464756	1300169	99.39%	3.533%
100	25.242	3804	3813	3826	rVB2	251427	734752	56.17%	1.996%

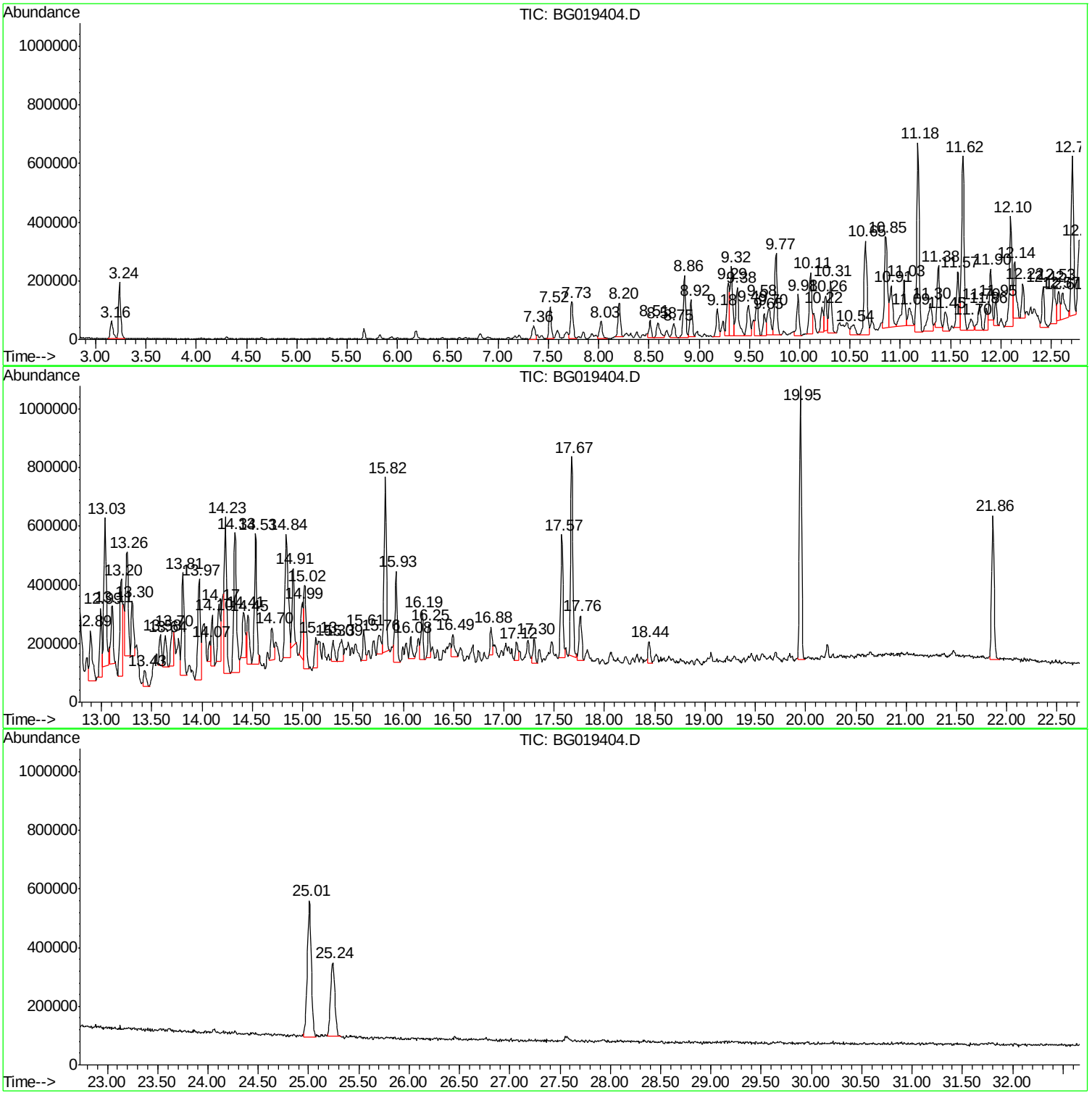
Sum of corrected areas: 36805054

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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\BG102815\
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

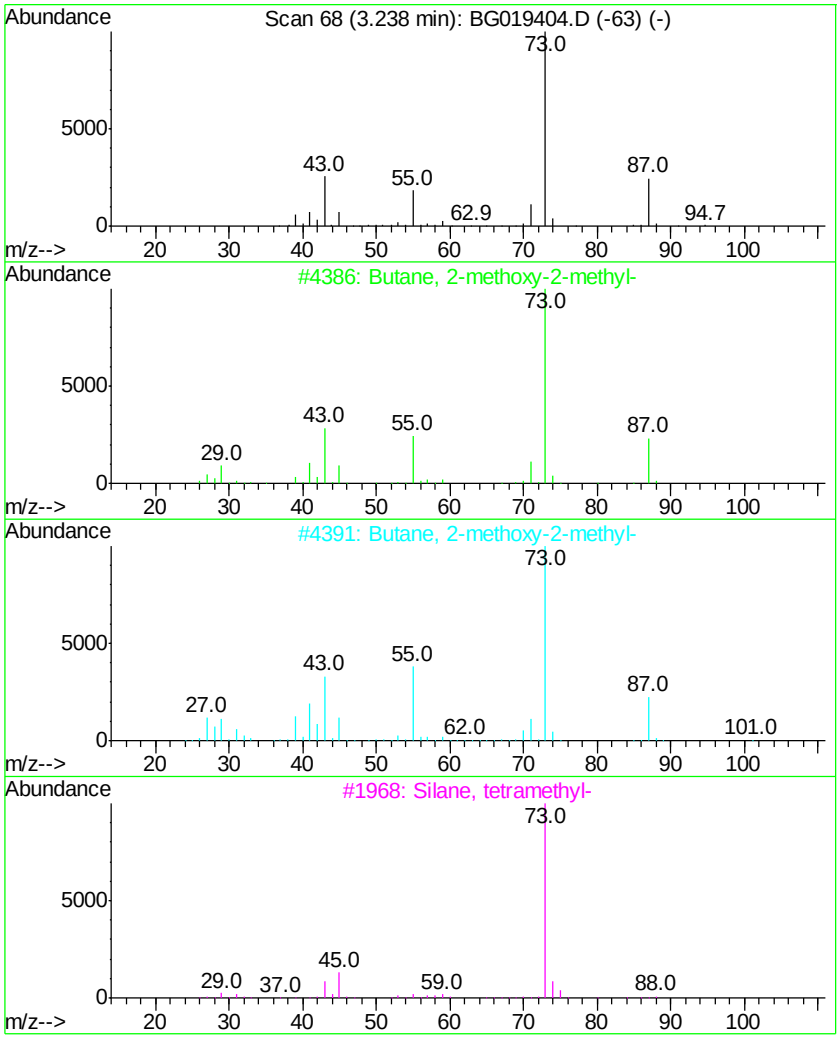
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

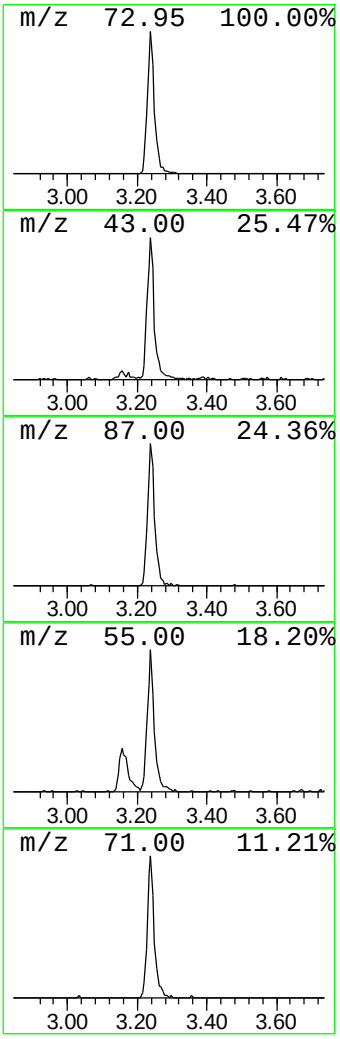
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	26.52 ng/ul	270747	1,4-Dichlorobenzene-d4	8.20

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

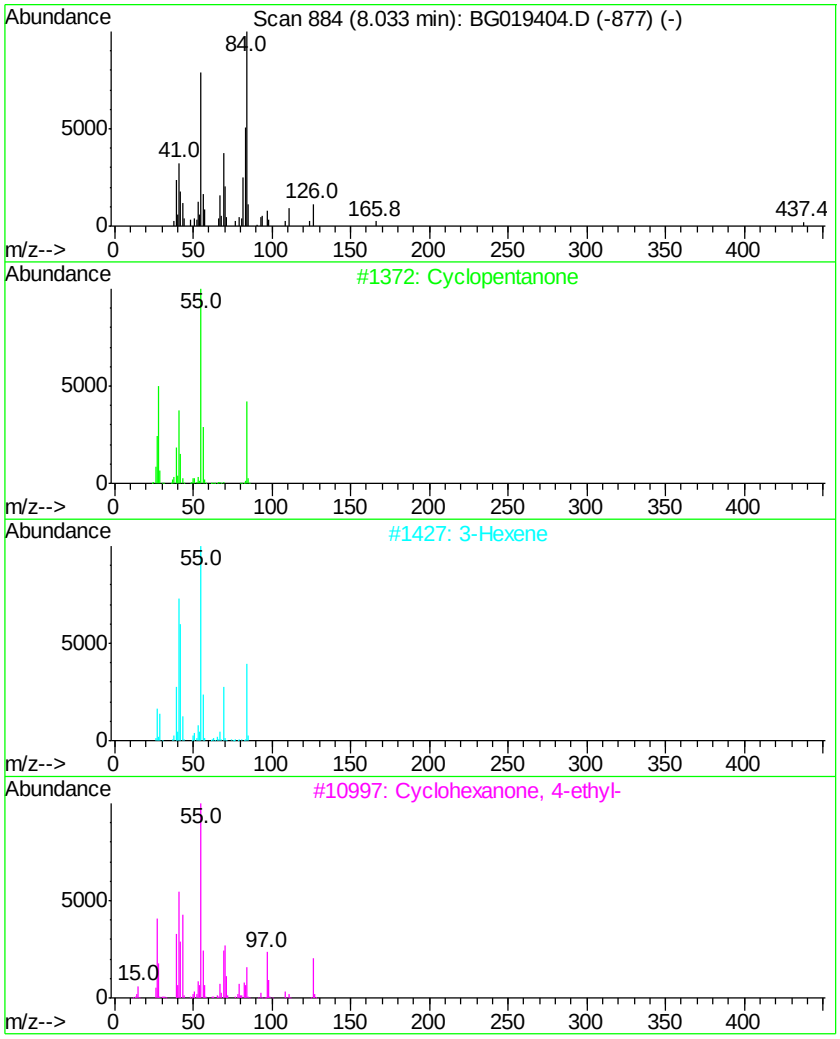
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

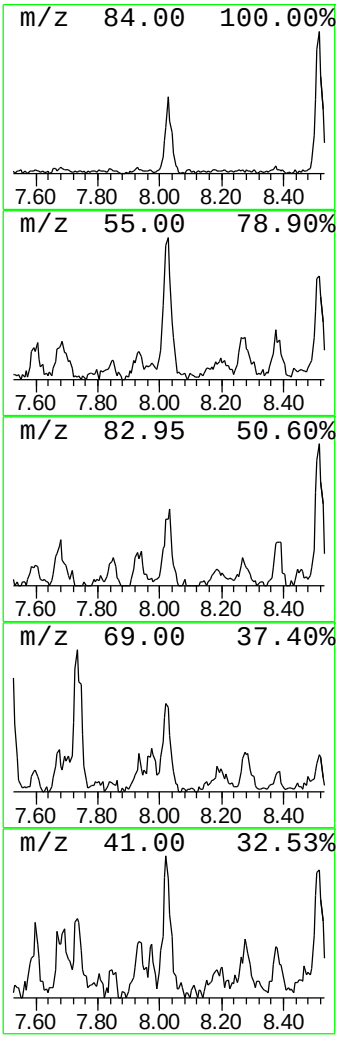
****

Peak Number 3 Cyclopentanone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	10.07 ng/ul	102867	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone	84	C5H8O	000120-92-3	50
2	3-Hexene	84	C6H12	000592-47-2	47
3	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	38
4	cis-4-Nonene	126	C9H18	010405-84-2	38
5	Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

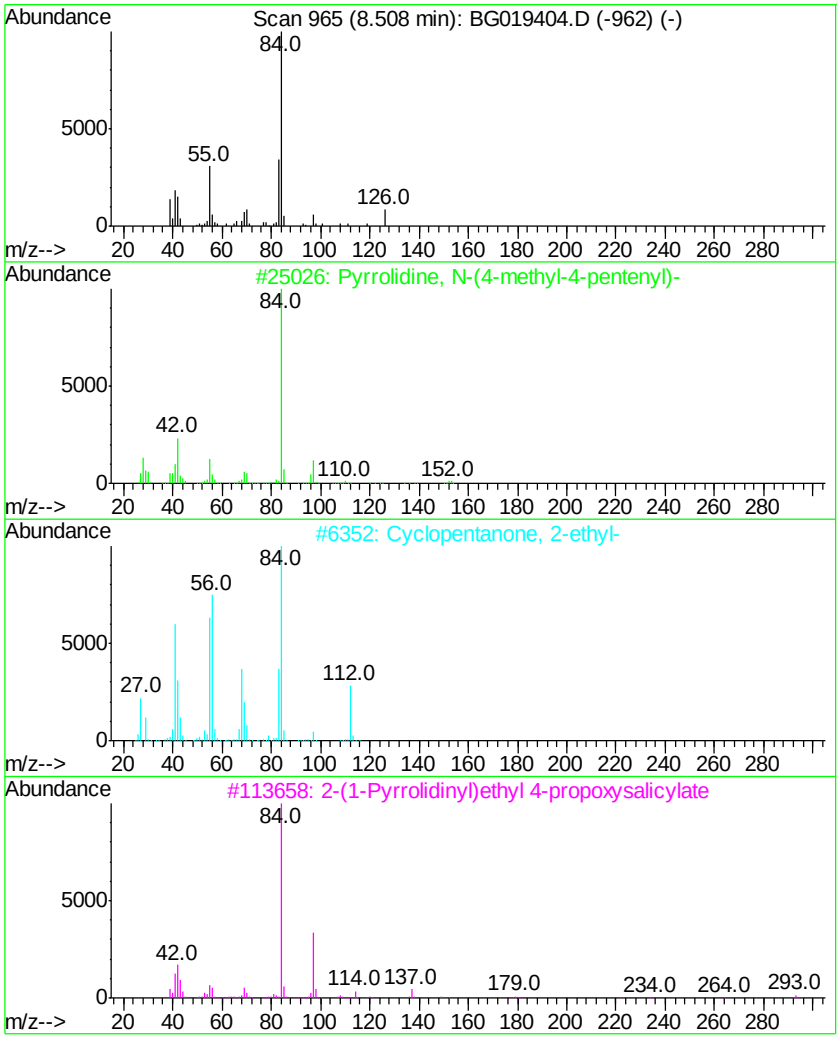
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

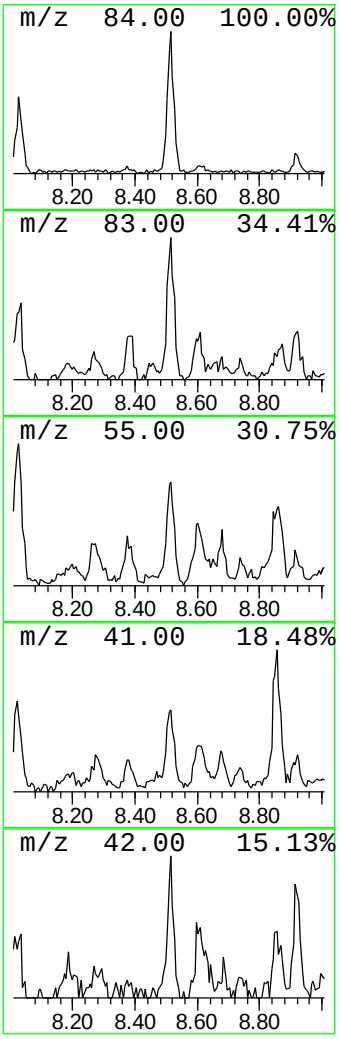
****

Peak Number 4 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	9.15 ng/ul	93448	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine, N-(4-methyl-4-pente...	153	C10H19N	1000161-51-7	45
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	45
3	2-(1-Pyrrolidinyl)ethyl 4-propox...	293	C16H23NO4	055828-27-8	45
4	2(5H)-Furanone, 5-(1-methylethyl)-	126	C7H10O2	056767-19-2	42
5	3-Amino-s-triazole	84	C2H4N4	000061-82-5	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

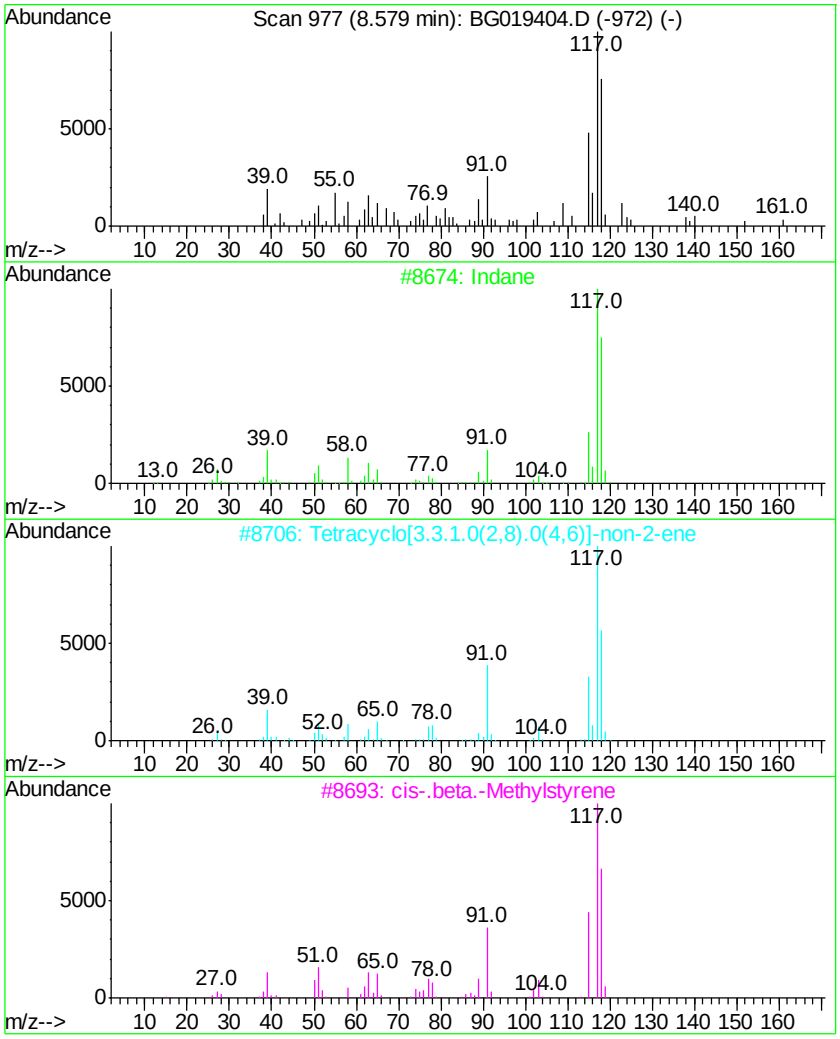
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

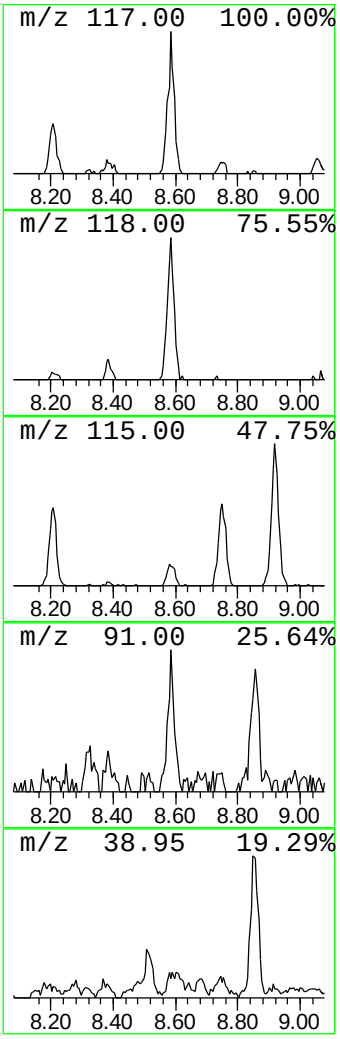
****

Peak Number 5 Indane Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	13.35 ng/ul	136357	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	62
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	62
4	Indane	118	C9H10	000496-11-7	62
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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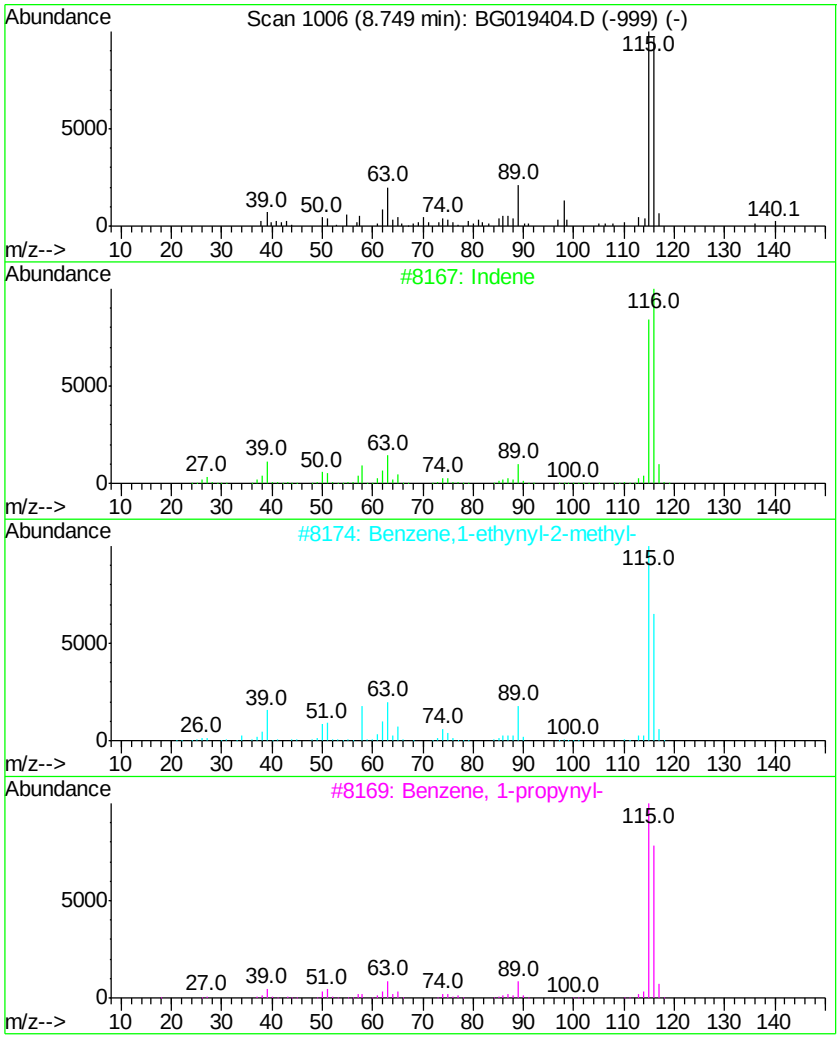
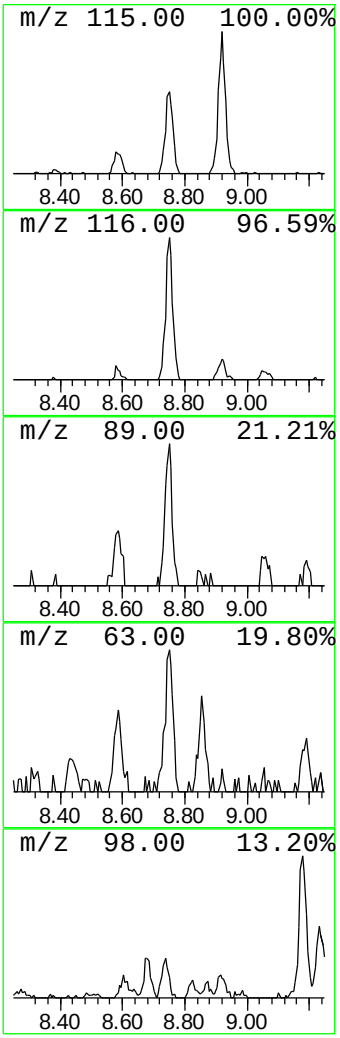
Peak Number 6 Indene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	9.53 ng/ul	97265	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	86
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	78
5	Indene	116	C9H8	000095-13-6	76





Library Search Compound Report

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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

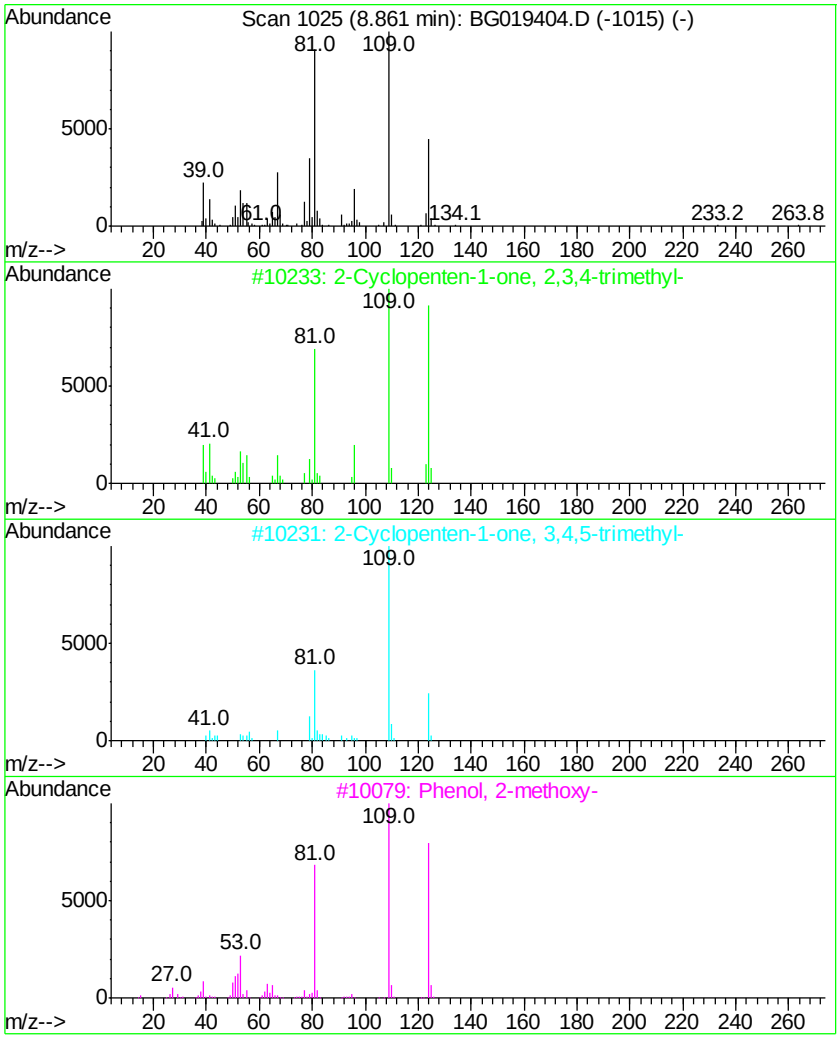
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

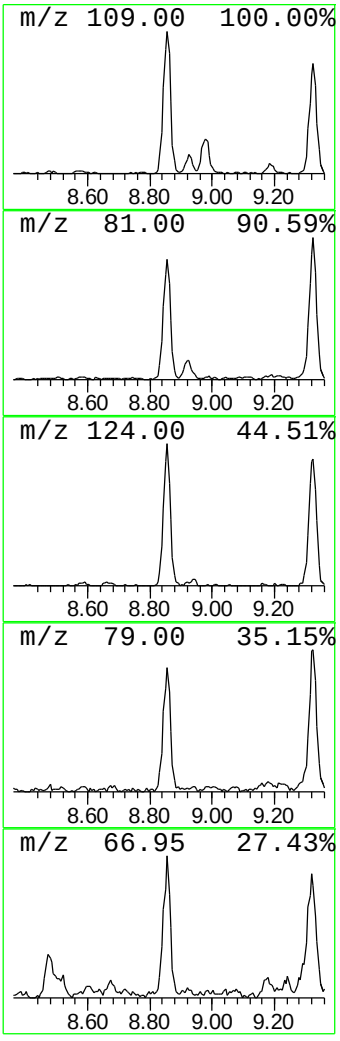
****

Peak Number 7 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	35.34 ng/ul	360854	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	90
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	87
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	76
4	Mequinol	124	C7H8O2	000150-76-5	76
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	74





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Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

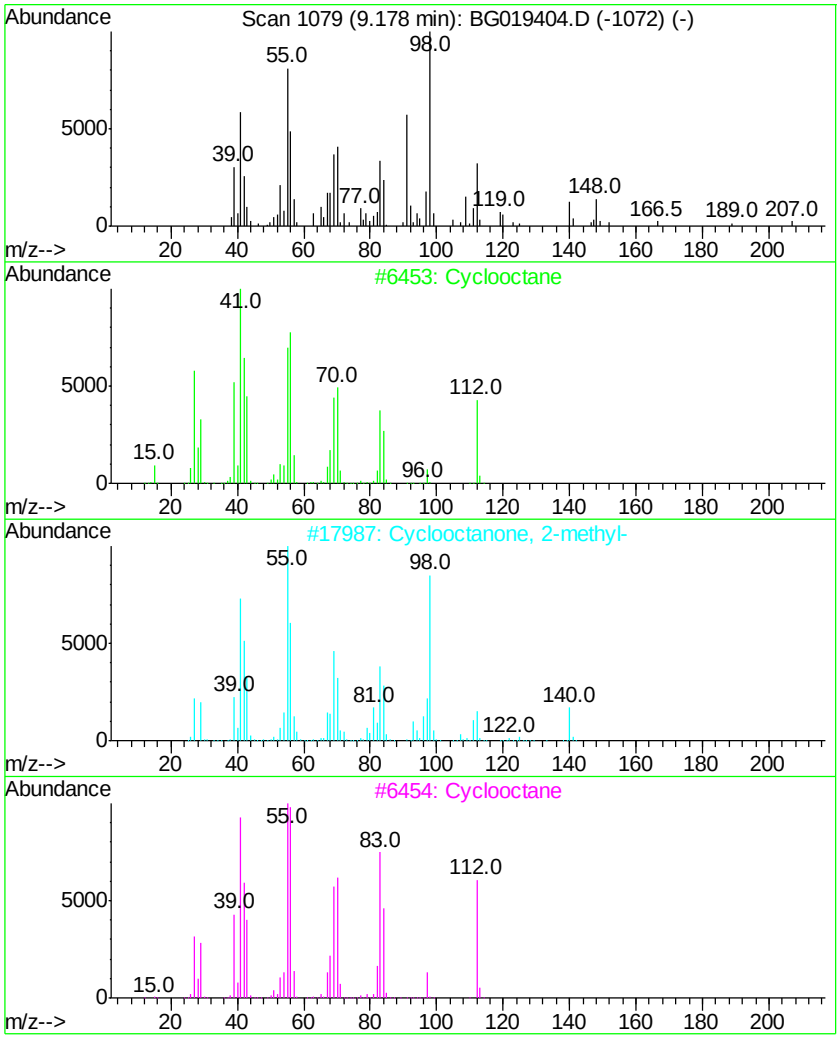
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

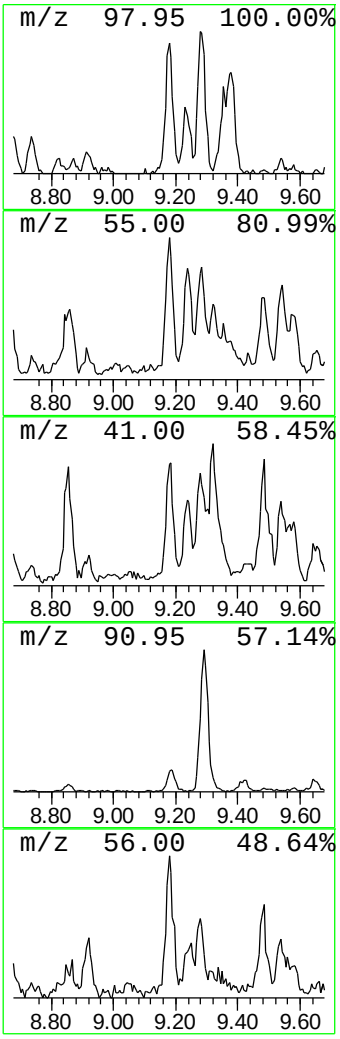
****

Peak Number 8 (DEL) Alkane: Cyclic9.18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	17.06 ng/ul	174226	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	83
2	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	60
3	Cyclooctane	112	C8H16	000292-64-8	50
4	Cycloheptanone	112	C7H12O	000502-42-1	42
5	4-Methylthiane, S,S-dioxide	148	C6H12O2S	067512-92-9	30





Library Search Compound Report

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Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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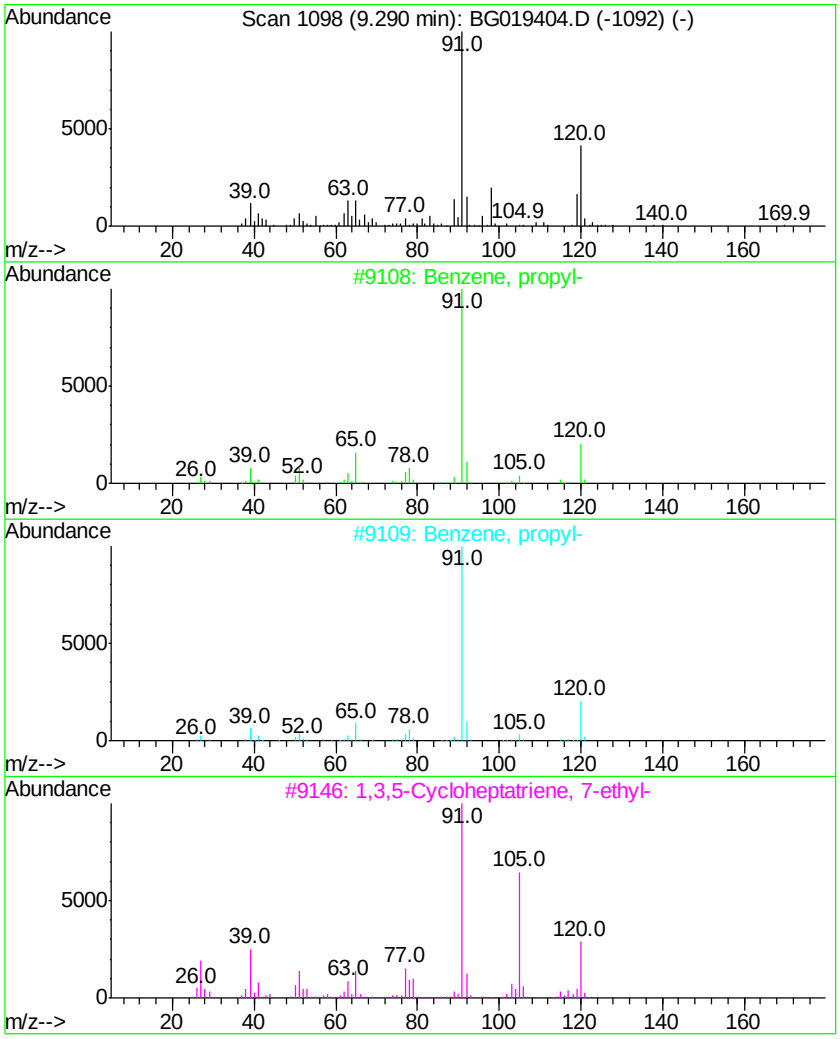
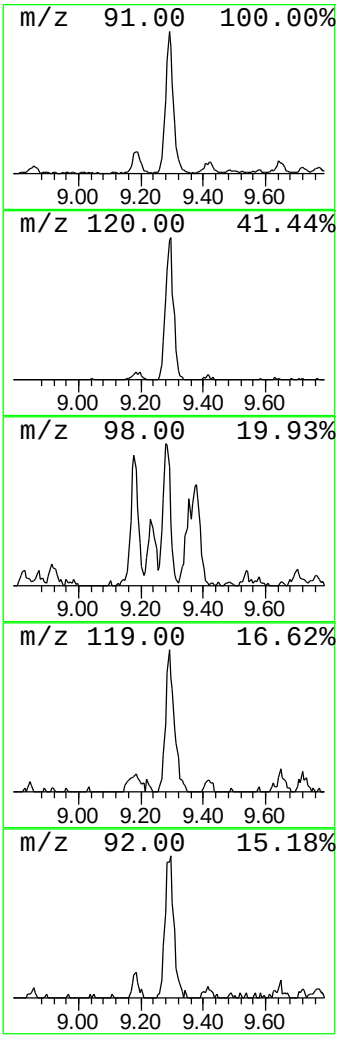
Peak Number 9 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	31.47 ng/ul	321357	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	52
2	Benzene, propyl-	120	C9H12	000103-65-1	50
3	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	50
4	Benzene, propyl-	120	C9H12	000103-65-1	50
5	Phthalan	120	C8H8O	000496-14-0	47





Library Search Compound Report

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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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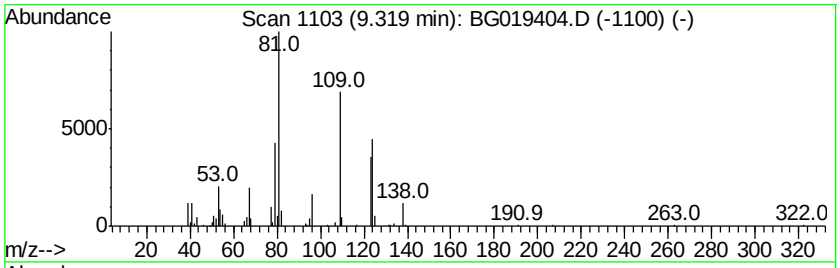
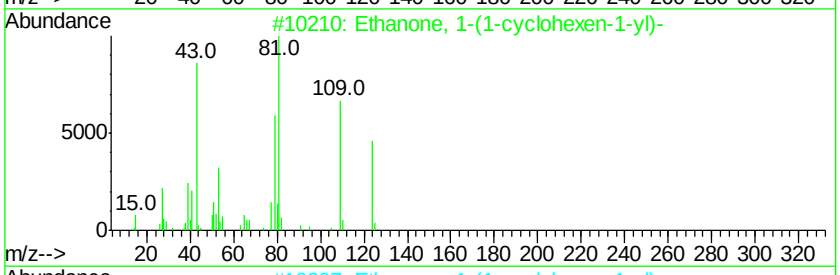
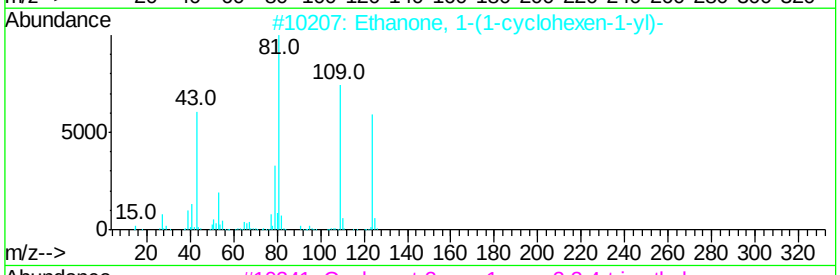
Peak Number 10 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 3

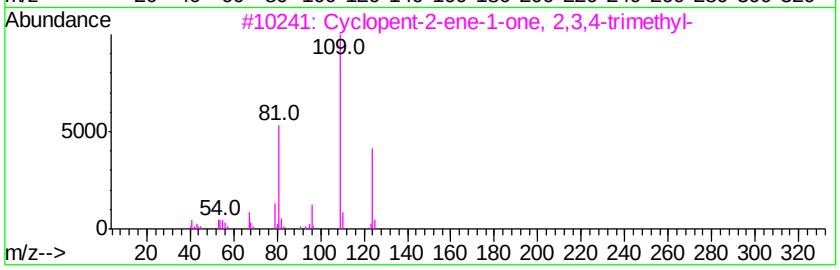
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	40.59 ng/ul	414447	1,4-Dichlorobenzene-d4	8.20

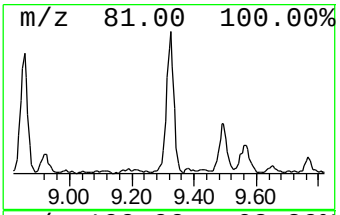
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	76
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	74
3	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	68
4	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	62
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	60

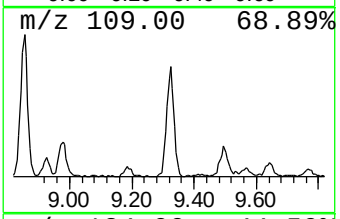


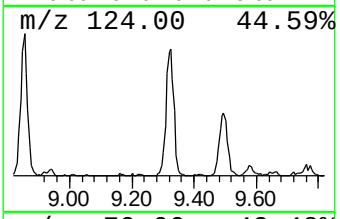


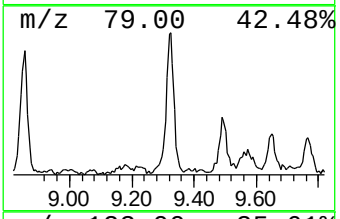


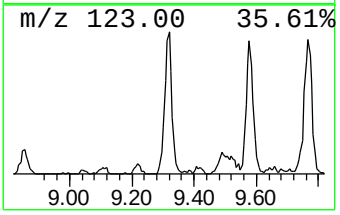












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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

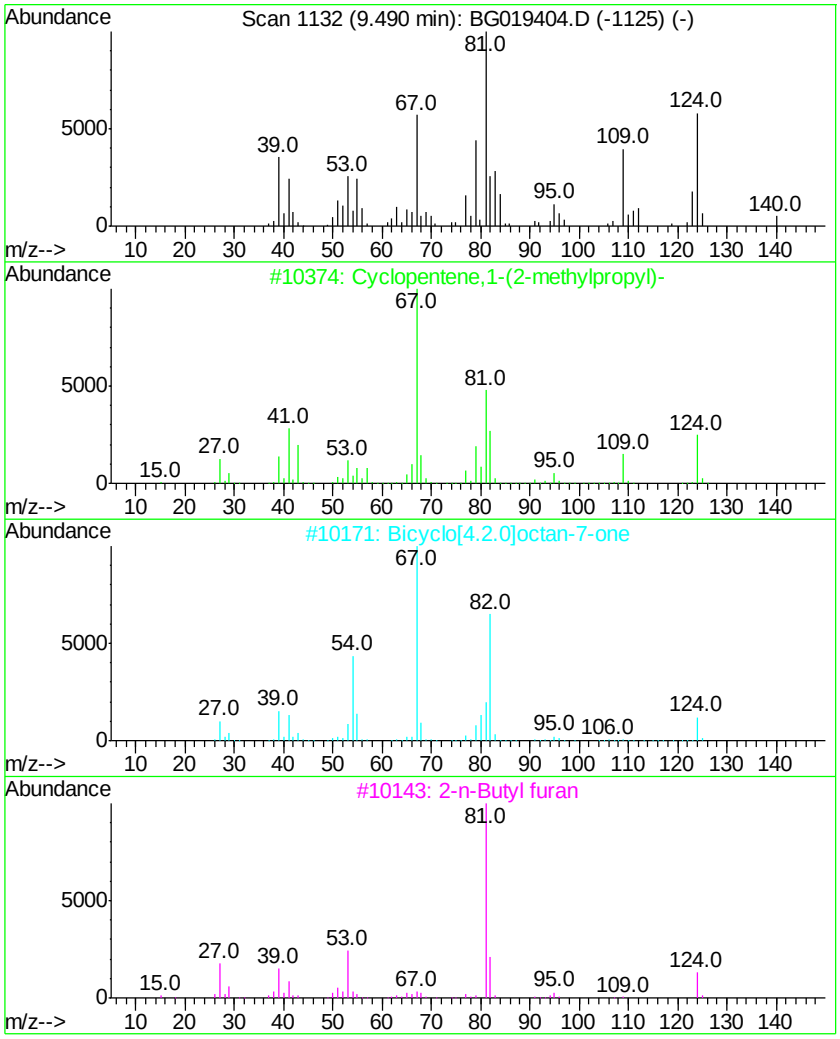
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

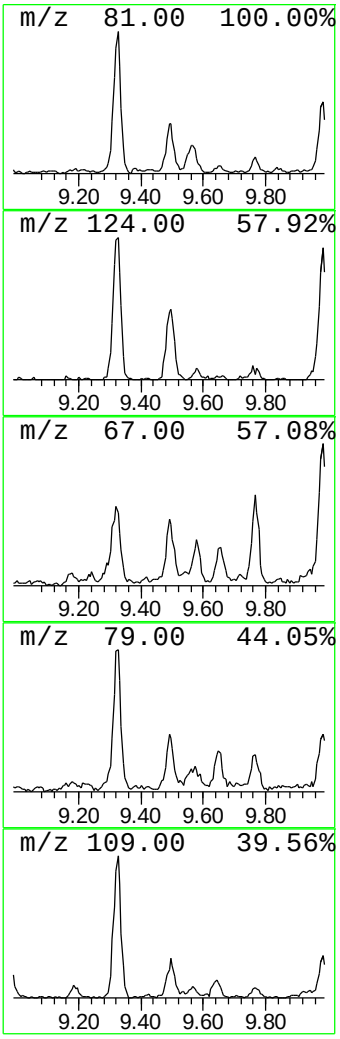
****

Peak Number 11 Cyclopentene,1-(2-methylpro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	21.53 ng/ul	219818	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene,1-(2-methylpropyl)-	124	C9H16	053098-47-8	52
2	Bicyclo[4.2.0]octan-7-one	124	C8H12O	054211-18-6	43
3	2-n-Butyl furan	124	C8H12O	004466-24-4	38
4	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	30
5	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	27





Library Search Compound Report

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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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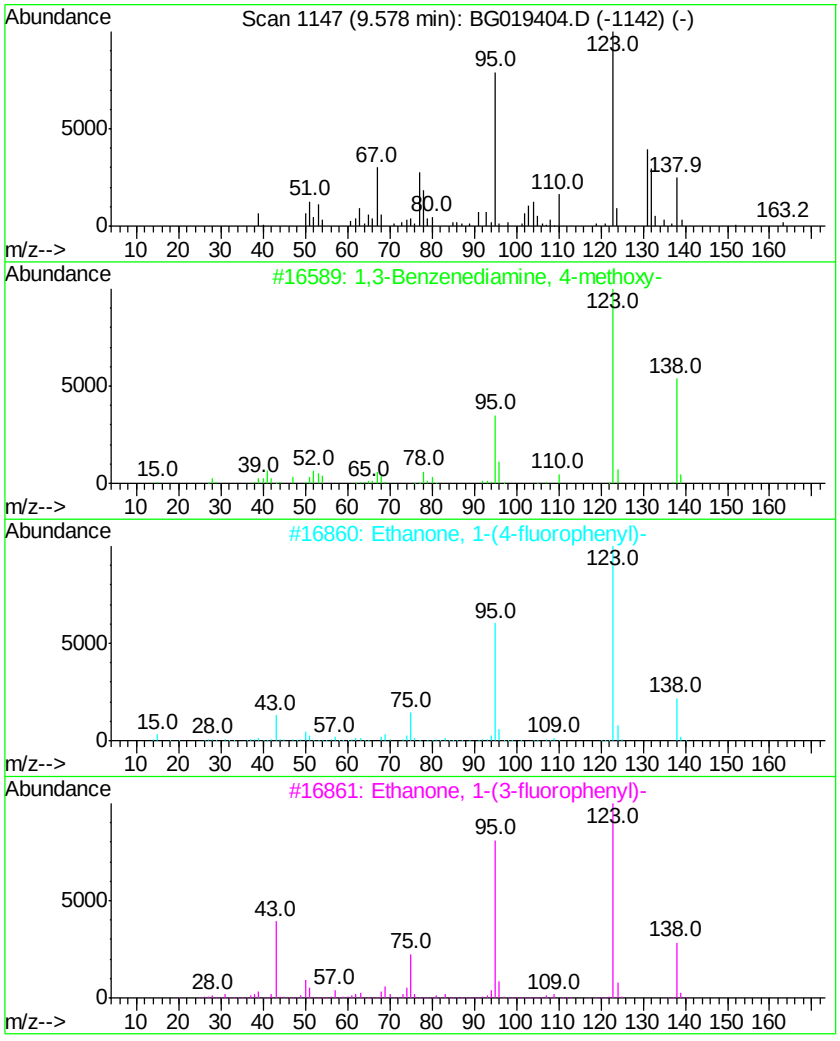
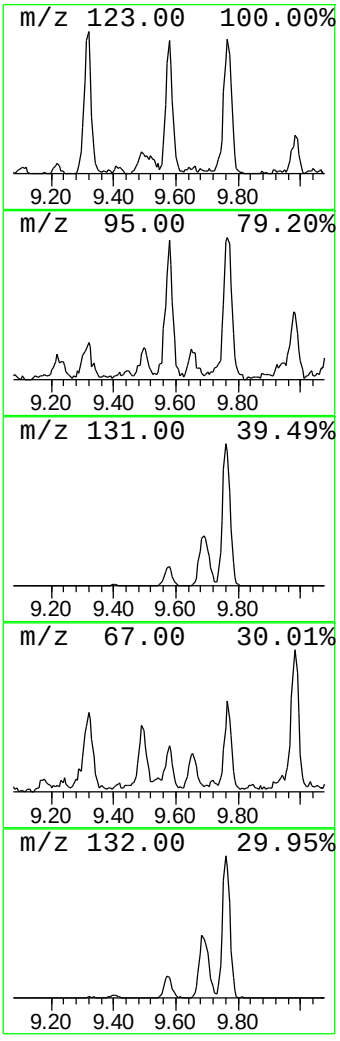
Peak Number 12 1,3-Benzenediamine, 4-methoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	22.04 ng/ul	225022	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	50
2	Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	49
3	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	47
4	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	47
5	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	43





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Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

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

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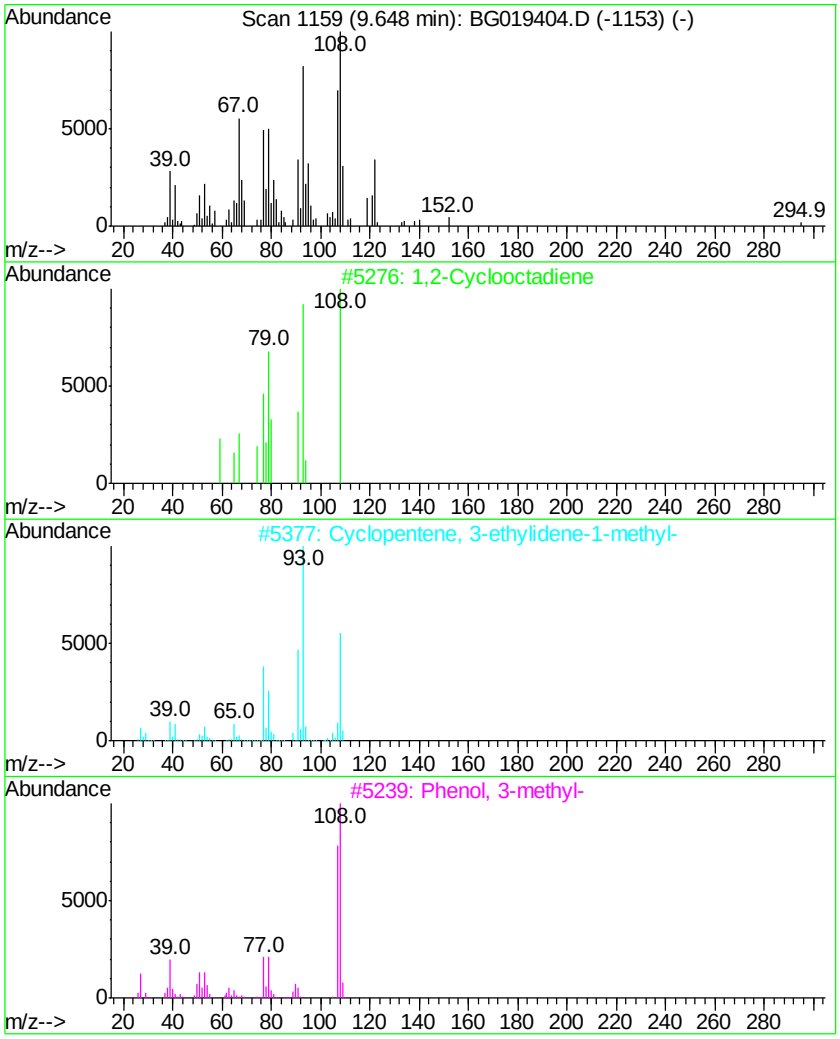
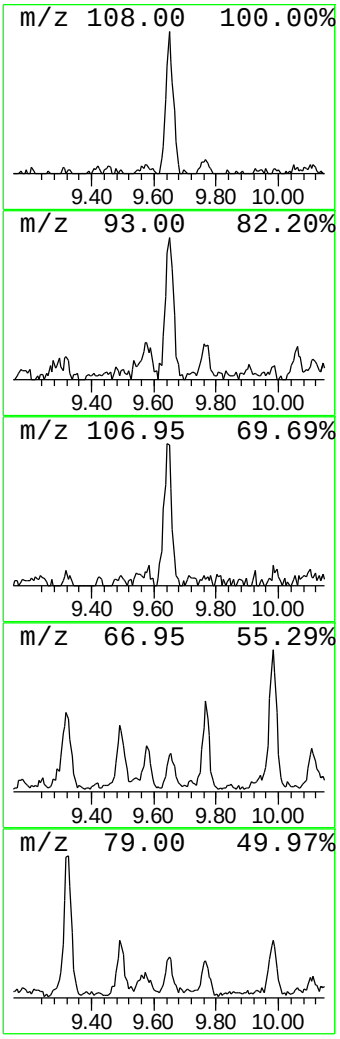
Peak Number 13 1,2-Cyclooctadiene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	7.47 ng/ul	137943	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclooctadiene	108	C8H12	007124-40-5	52
2	Cyclopentene, 3-ethylidene-1-met...	108	C8H12	062338-00-5	47
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	43
4	Cyclobutane, 1,2-diethylidene-	108	C8H12	024517-05-3	43
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	43





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Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
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Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

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

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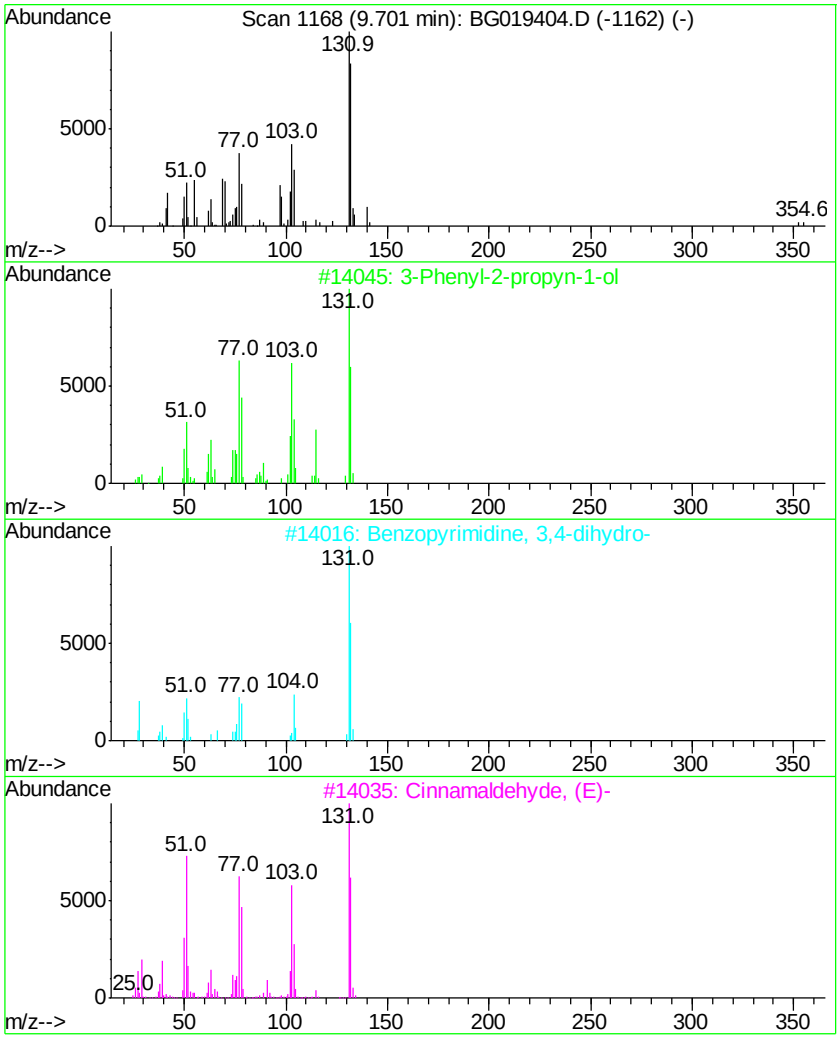
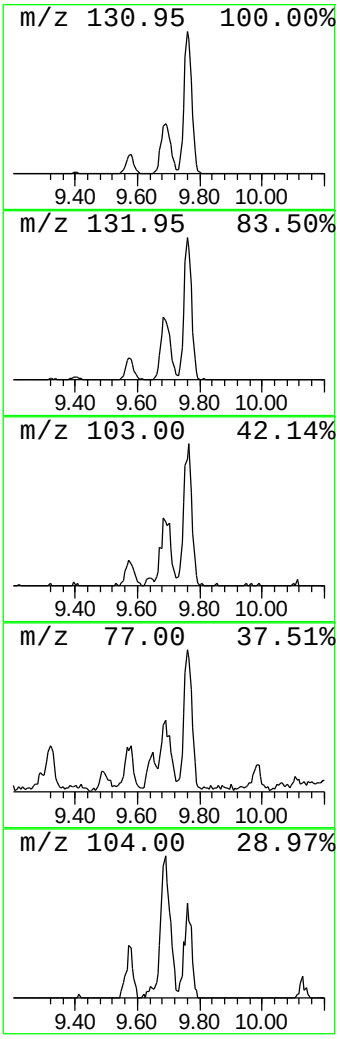
Peak Number 14 3-Phenyl-2-propyn-1-ol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	12.37 ng/ul	228521	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
2	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	87
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	83





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Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	26.65 ng/ul	492366	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	58
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	58
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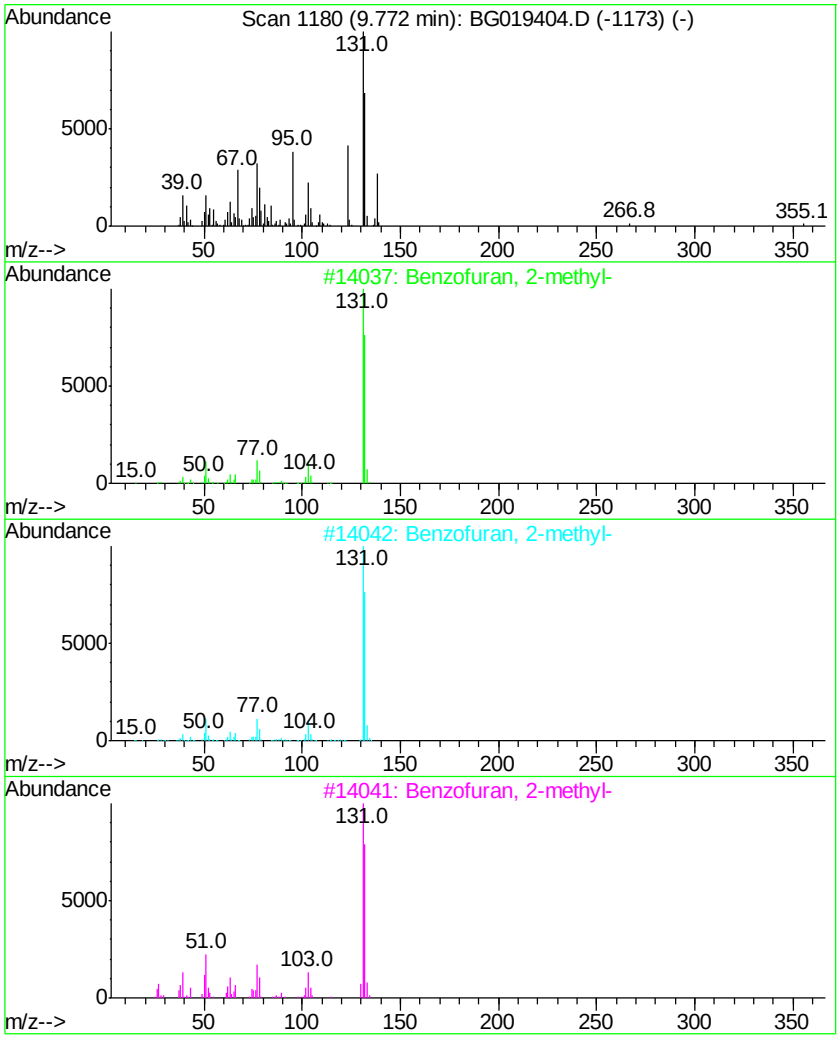

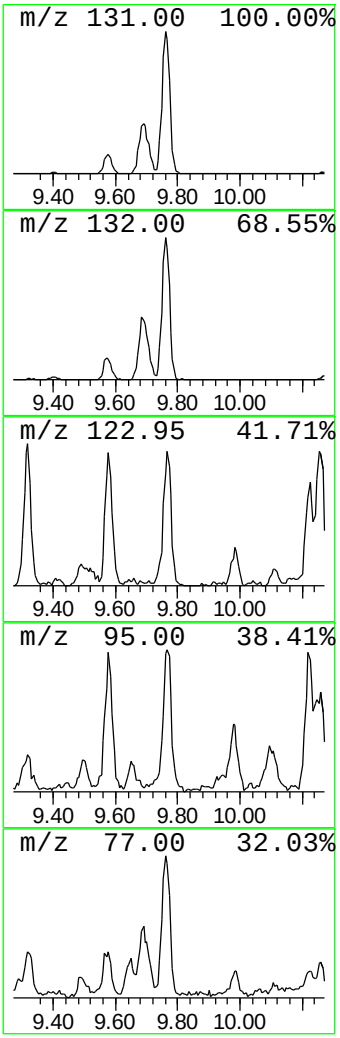

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Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

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

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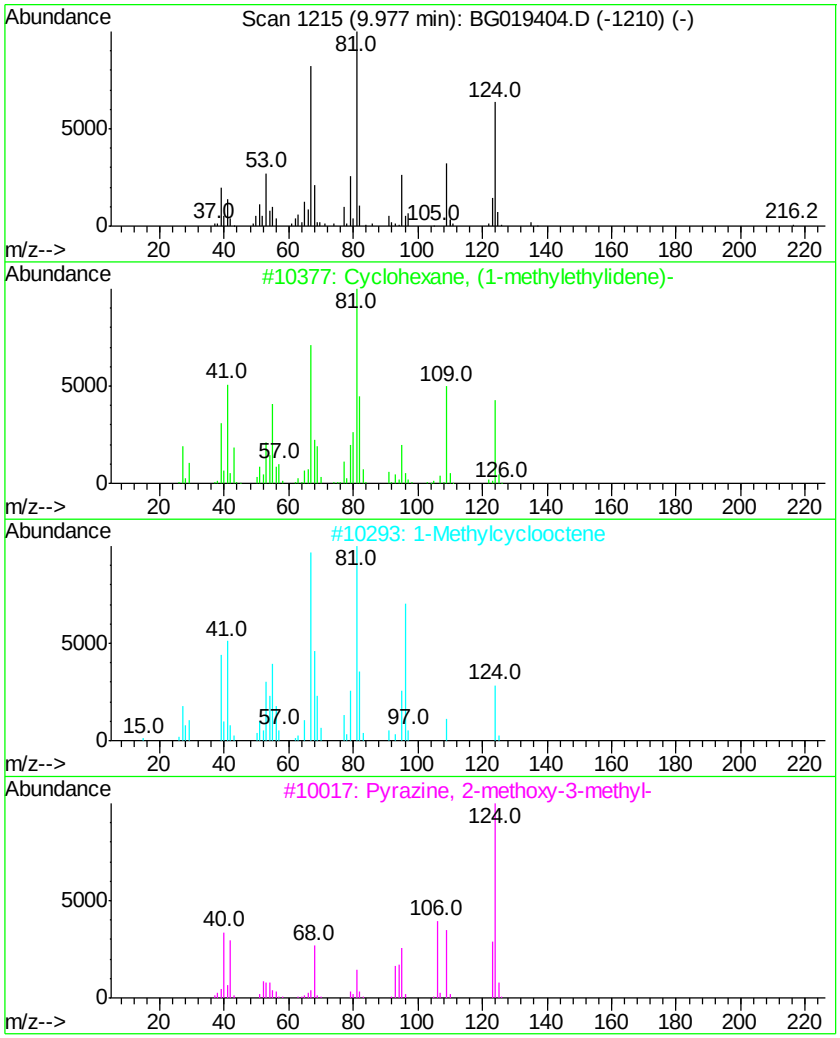
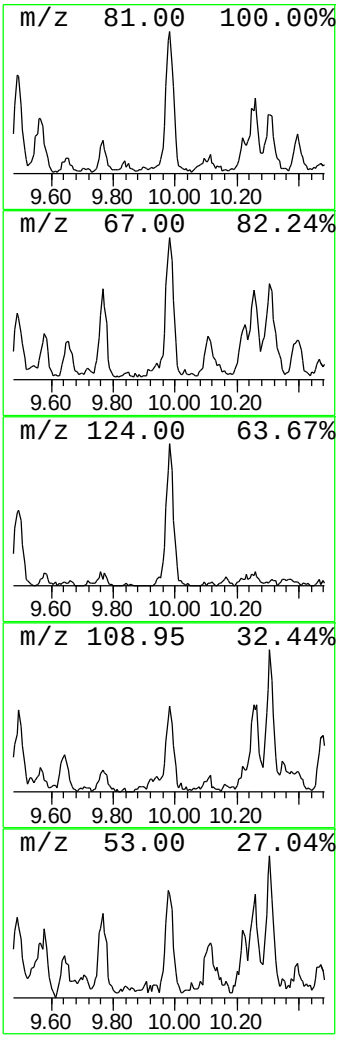
Peak Number 16 Cyclohexane, (1-methylethyl... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	12.73 ng/ul	235221	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	86
2	1-Methylcyclooctene	124	C9H16	000933-11-9	50
3	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	38
4	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	35
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	35





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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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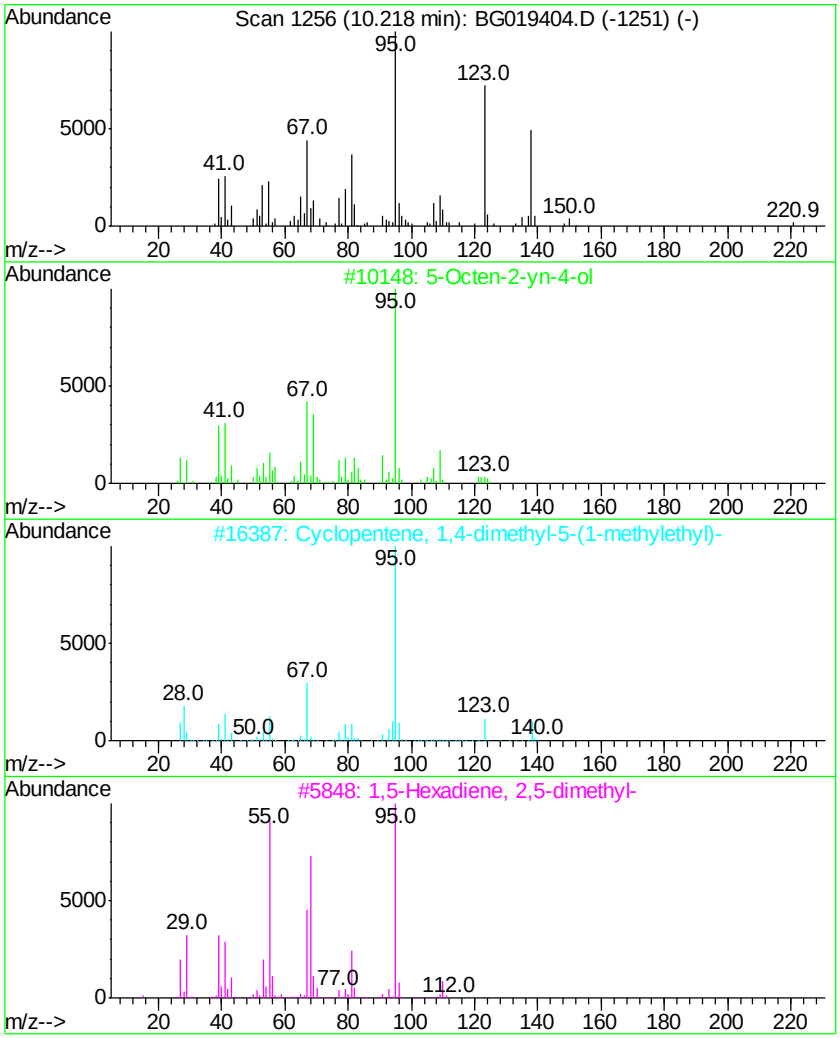
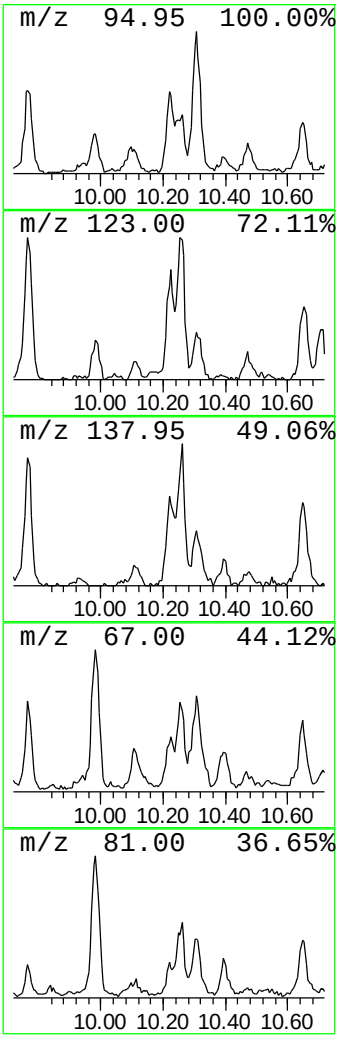
Peak Number 17 5-Octen-2-yn-4-ol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.84 ng/ul	144882	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	53
2	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	52
3	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	46
4	Bicyclo[2.2.1]heptane-2-carboxal...	124	C8H12O	003574-55-8	43
5	1,4-Cyclohexanedimethanol	144	C8H16O2	000105-08-8	38





Library Search Compound Report

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Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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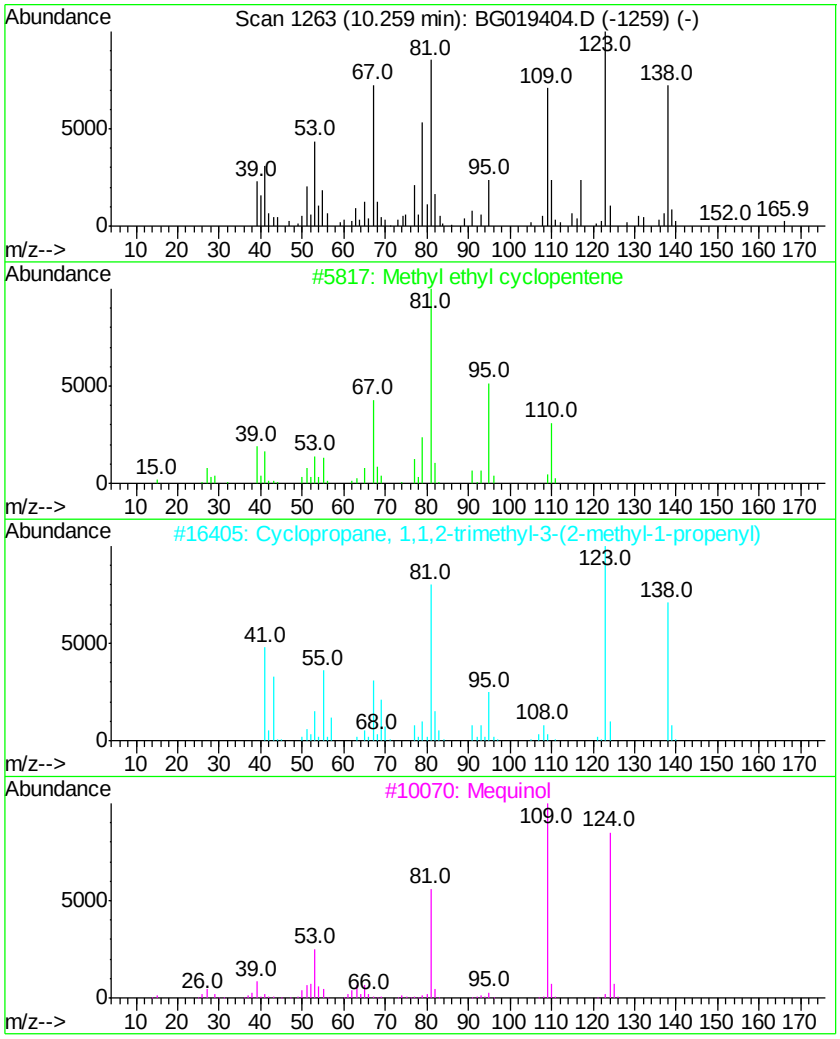
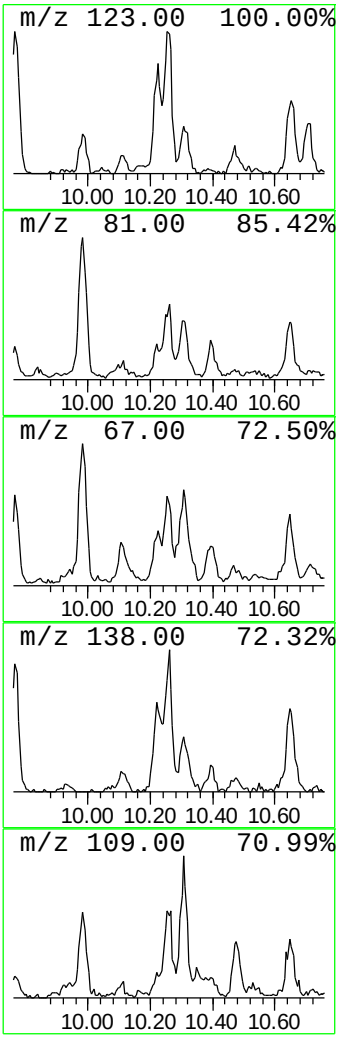
Peak Number 18 Methyl ethyl cyclopentene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	10.94 ng/ul	202189	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	60
2	Cyclopropane, 1,1,2-trimethyl-3-...	138	C10H18	054764-57-7	45
3	Mequinol	124	C7H8O2	000150-76-5	43
4	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	41
5	Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	38





Library Search Compound Report

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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
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Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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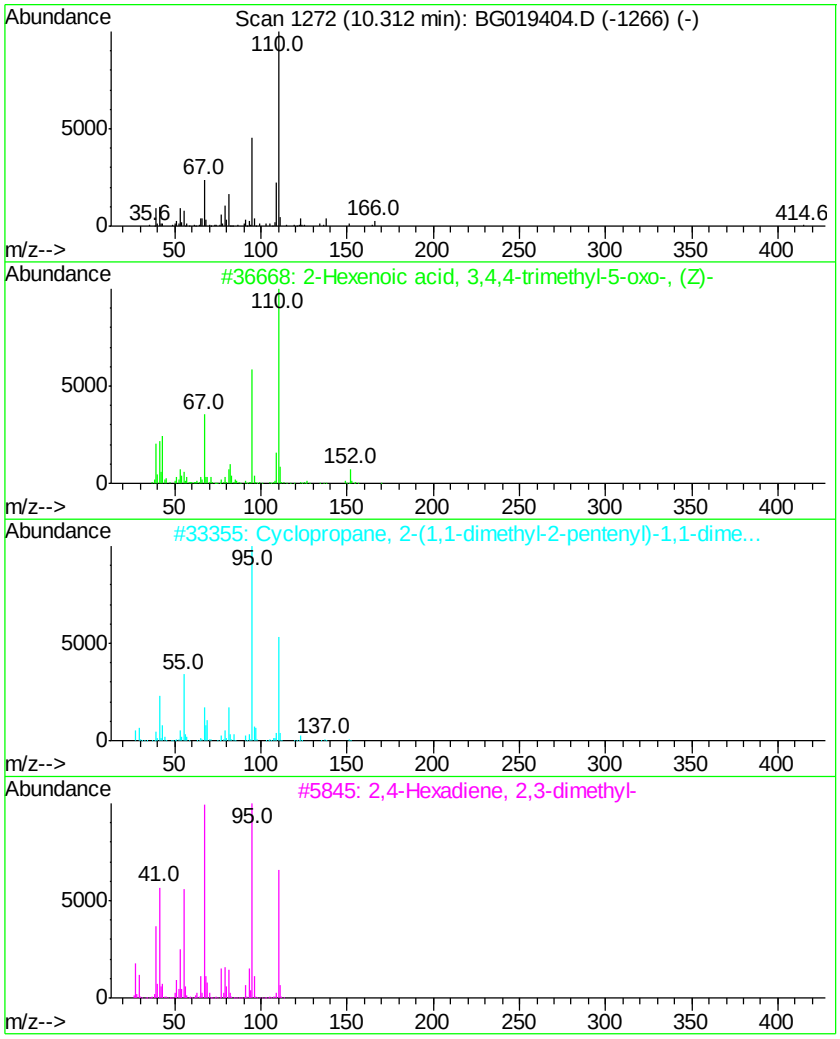
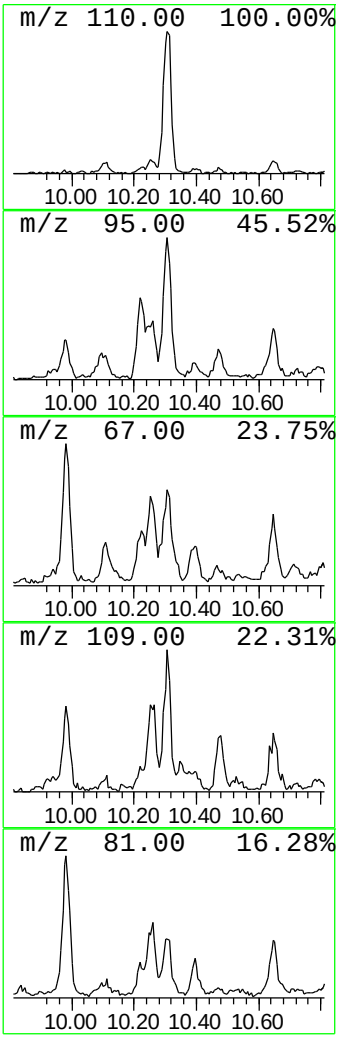
Peak Number 19 2-Hexenoic acid, 3,4,4-trim... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	17.94 ng/ul	331367	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	014919-56-3	64
2	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	64
3	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	53
4	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	53
5	Phenol, 4-ethoxy-	138	C8H10O2	000622-62-8	43





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Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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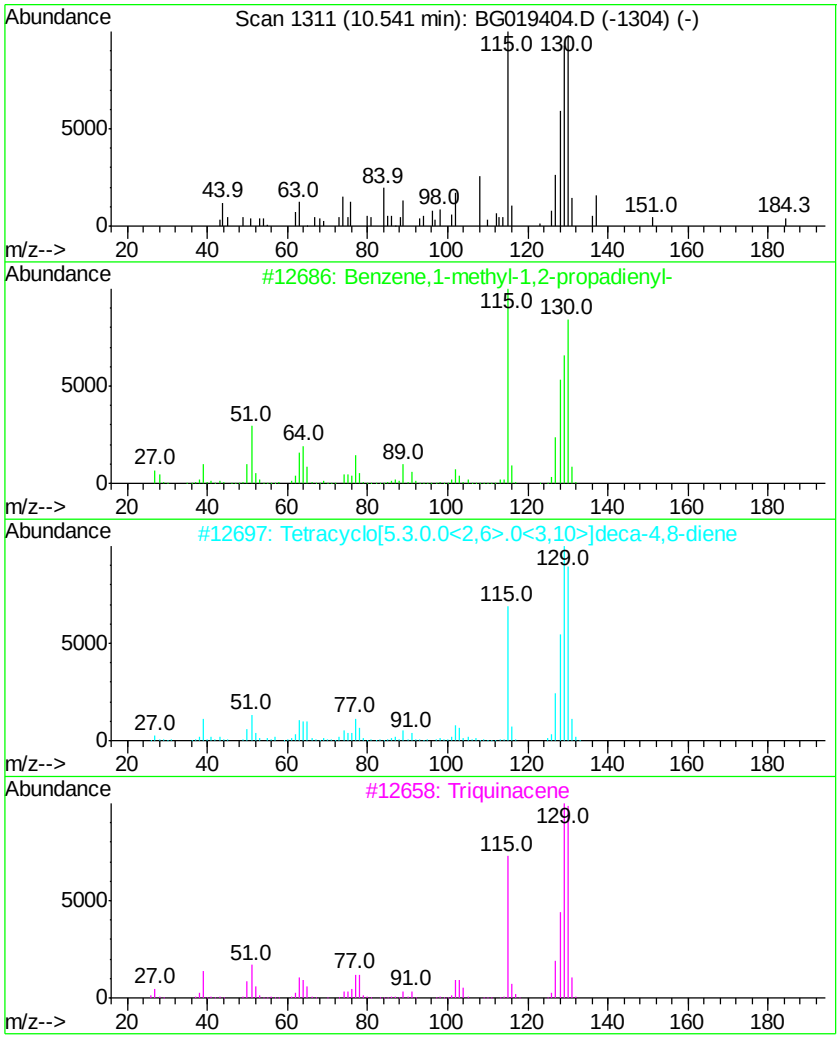
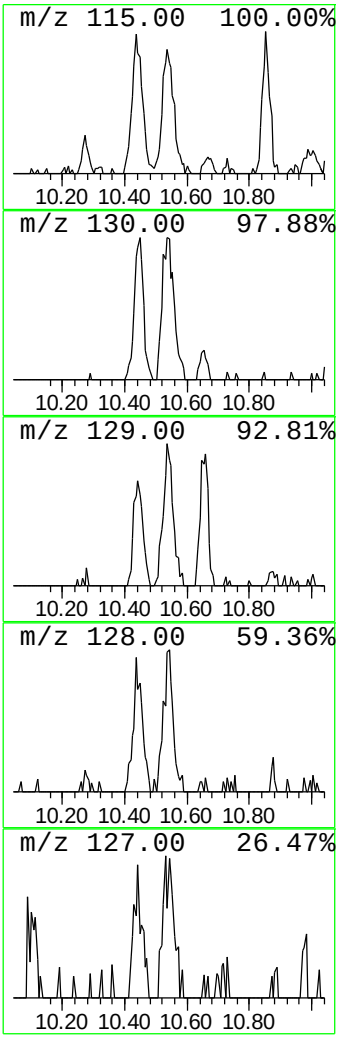
Peak Number 20 Benzene,1-methyl-1,2-propad... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	5.04 ng/ul	93114	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	68
2	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	68
3	Triquinacene	130	C10H10	006053-74-3	68
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	64
5	2-Methylindene	130	C10H10	002177-47-1	59





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Data File : BG019404.D
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Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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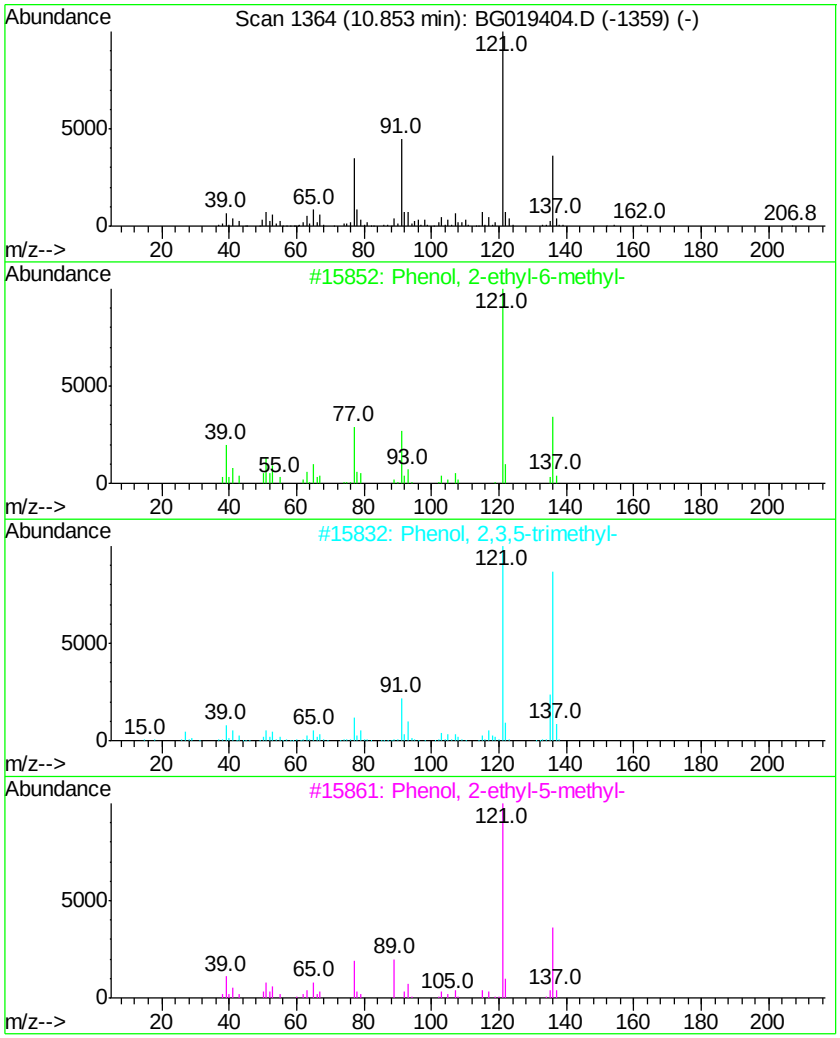
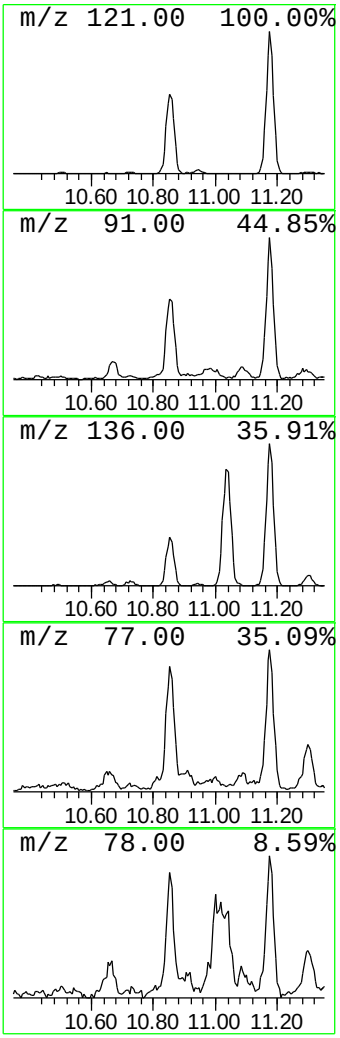
Peak Number 21 Phenol, 2-ethyl-6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	35.99 ng/ul	664958	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	83
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	80





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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

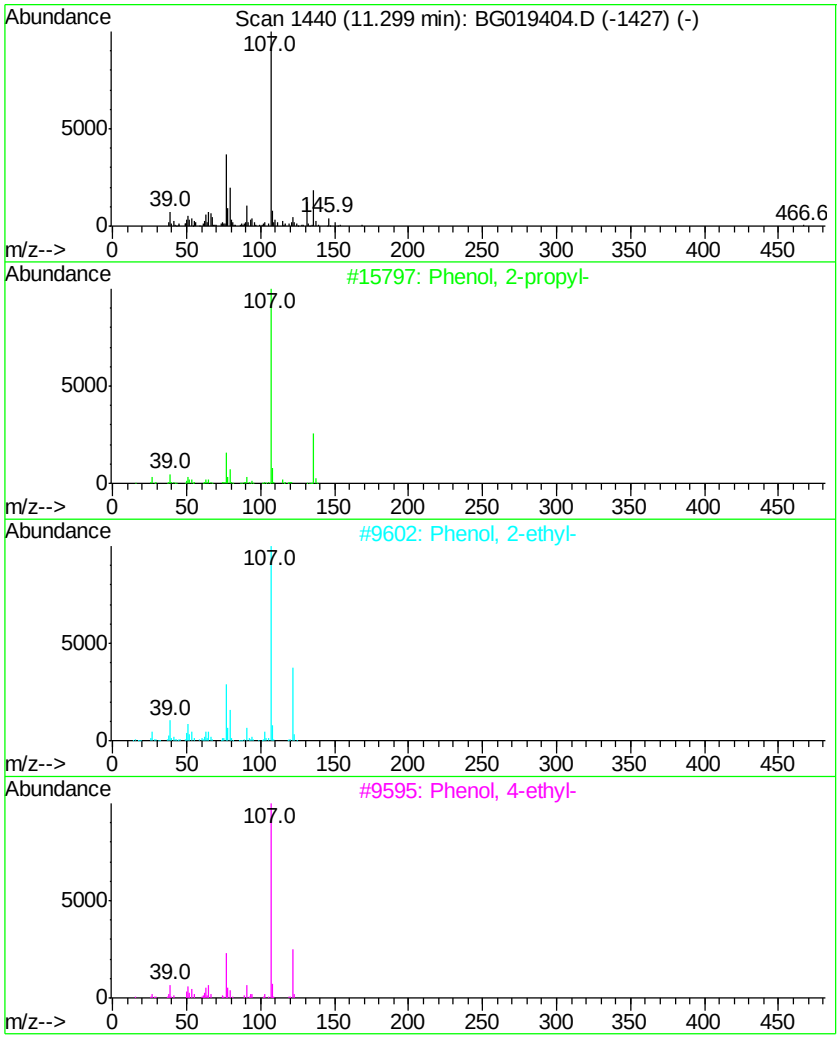
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

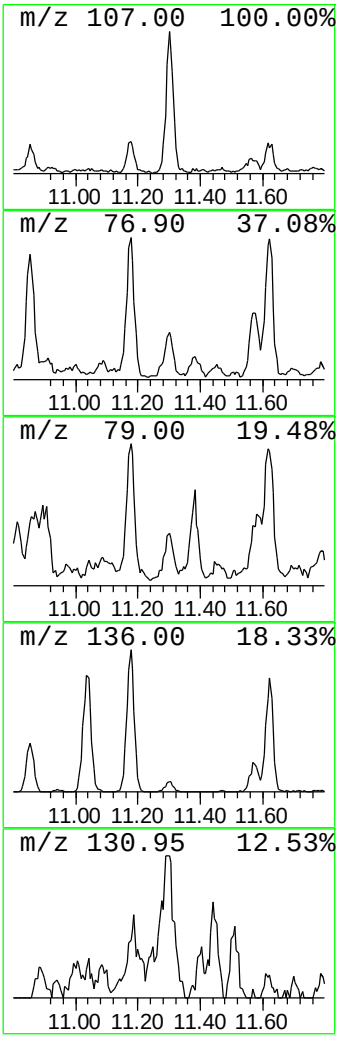
****

Peak Number 23 Phenol, 2-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	15.53 ng/ul	286904	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	80
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	70
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
5	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	64





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Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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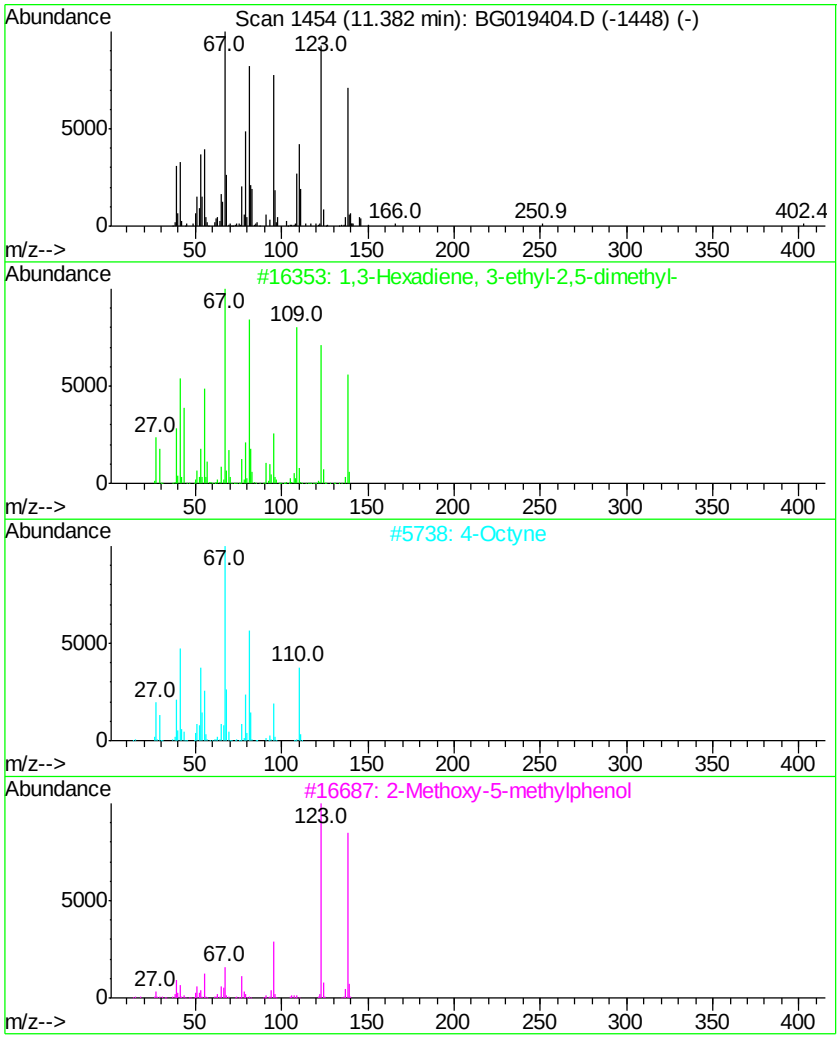
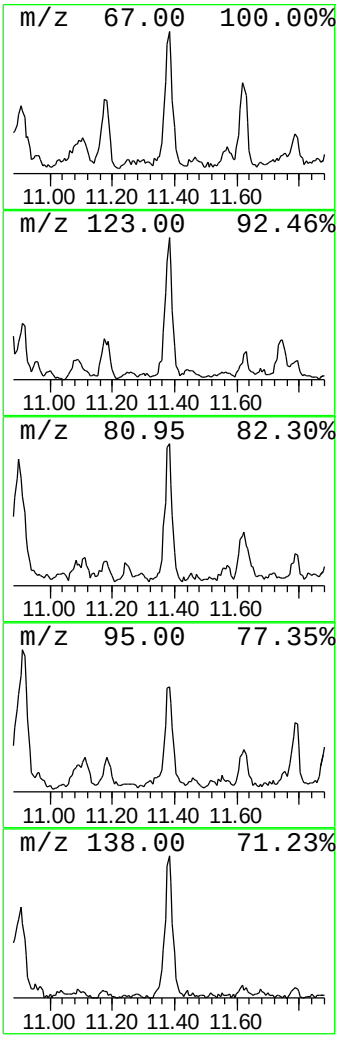
Peak Number 24 1,3-Hexadiene, 3-ethyl-2,5-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	20.44 ng/ul	377626	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	52
2	4-Octyne	110	C8H14	001942-45-6	50
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	49
4	1-Methylcycloheptene	110	C8H14	055308-20-8	49
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	49





Library Search Compound Report

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Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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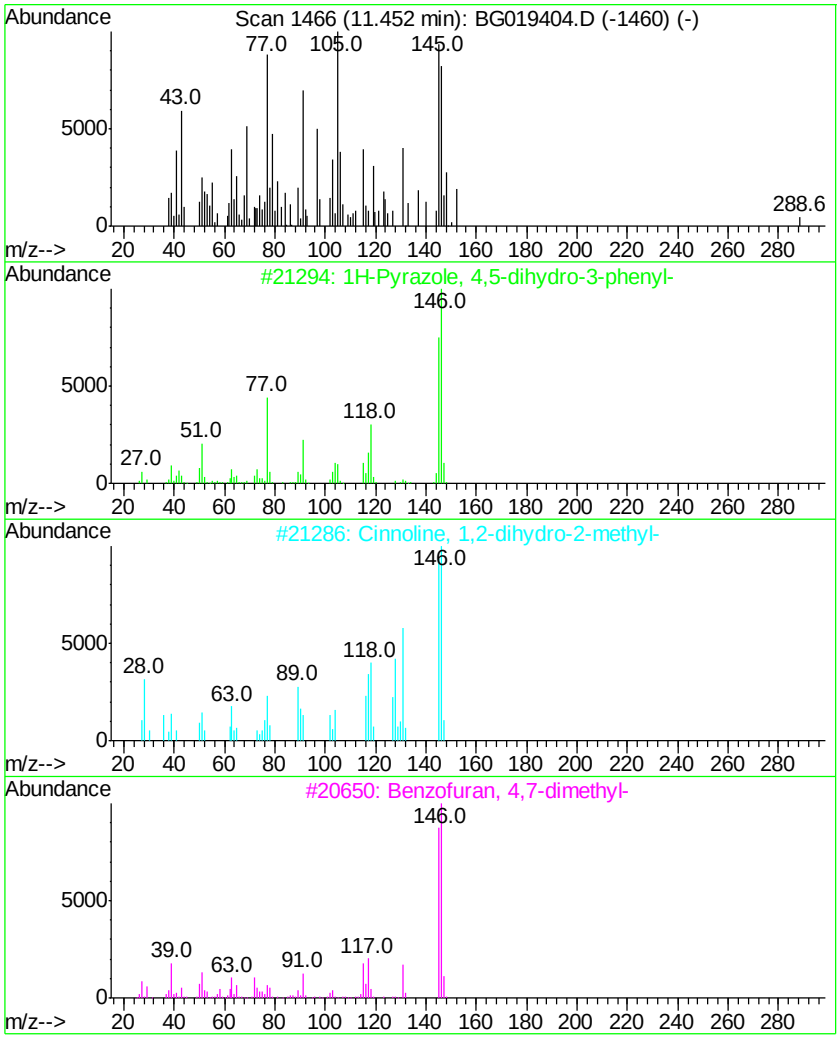
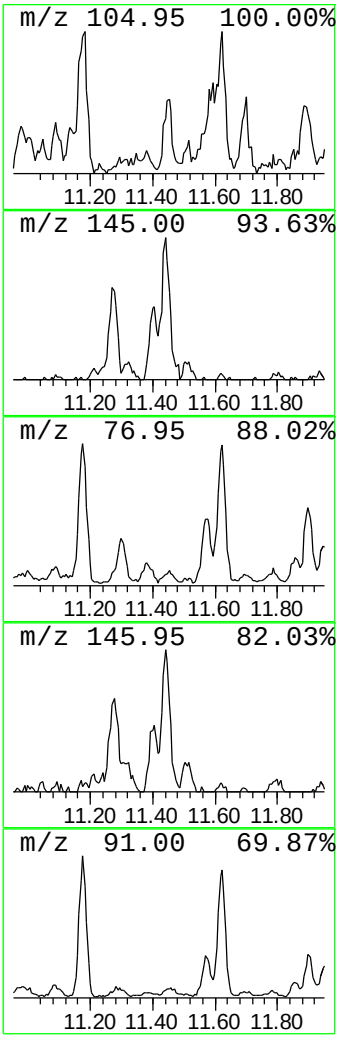
Peak Number 25 1H-Pyrazole, 4,5-dihydro-3-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	7.92 ng/ul	146377	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	50
2	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	47
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	47
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	46
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	43





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Data File : BG019404.D
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Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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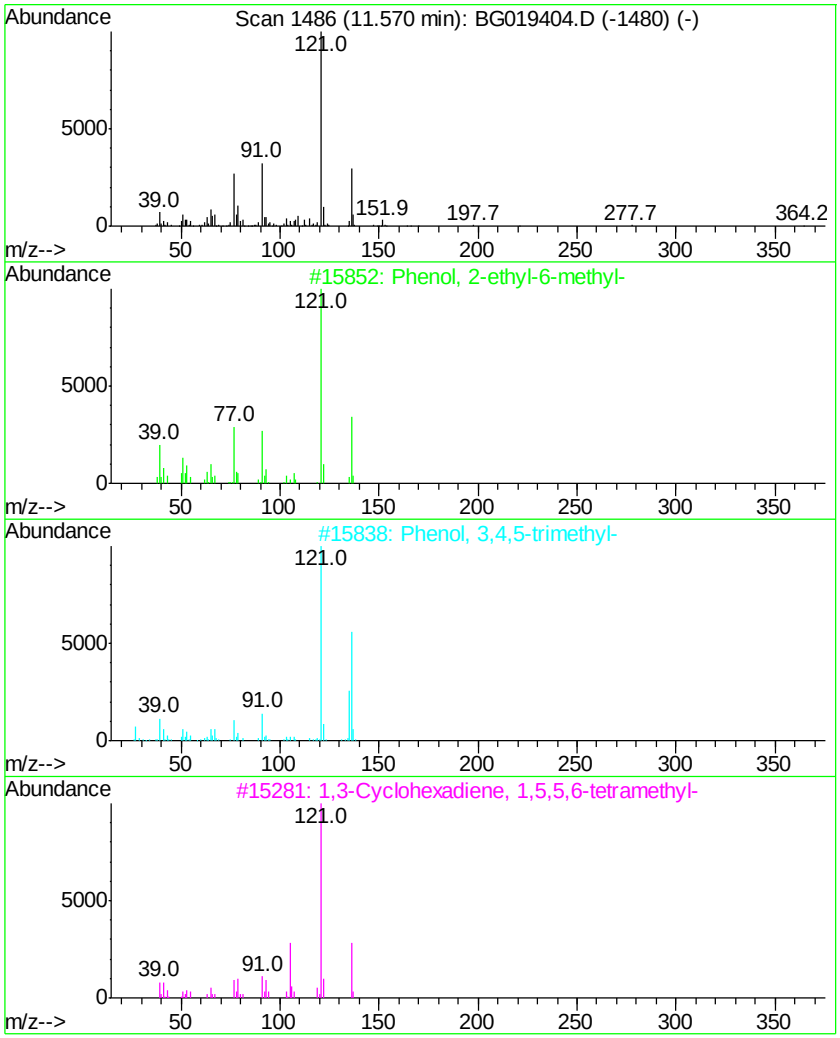
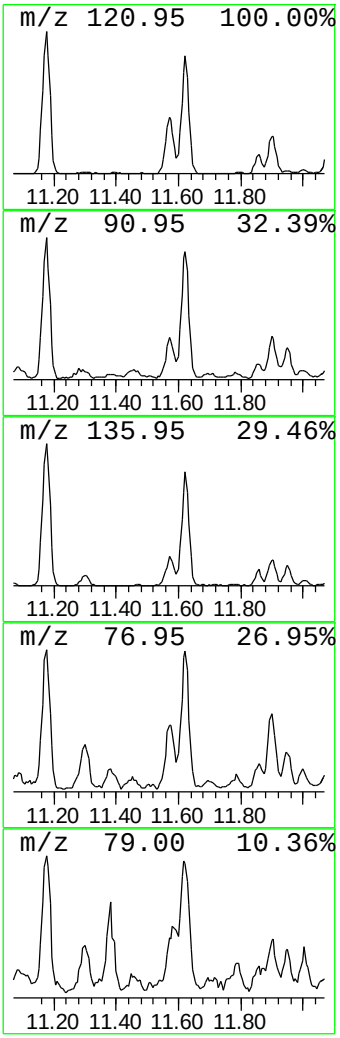
Peak Number 26 Phenol, 3,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	20.74 ng/ul	383232	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
3	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	72
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72





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Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

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

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Peak Number 27 Phenol, 2,3,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	55.43 ng/ul	1024090	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
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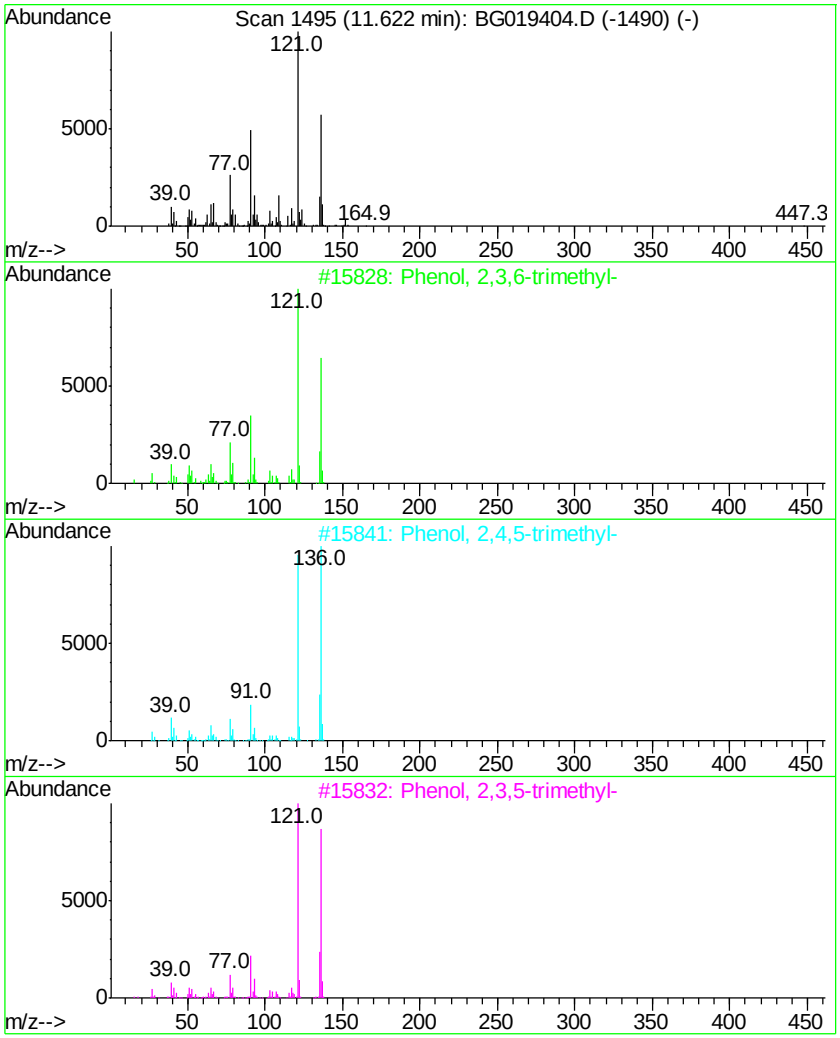

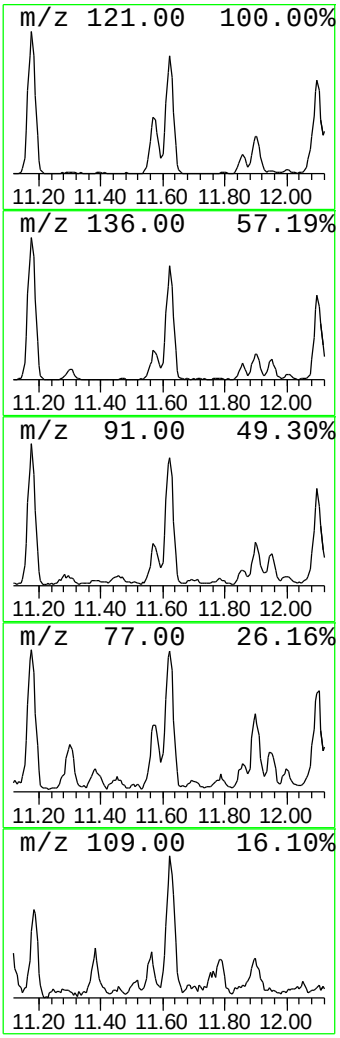

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ClientSampleId : E5LT0

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Quant Title : SVOA CALIBRATION

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

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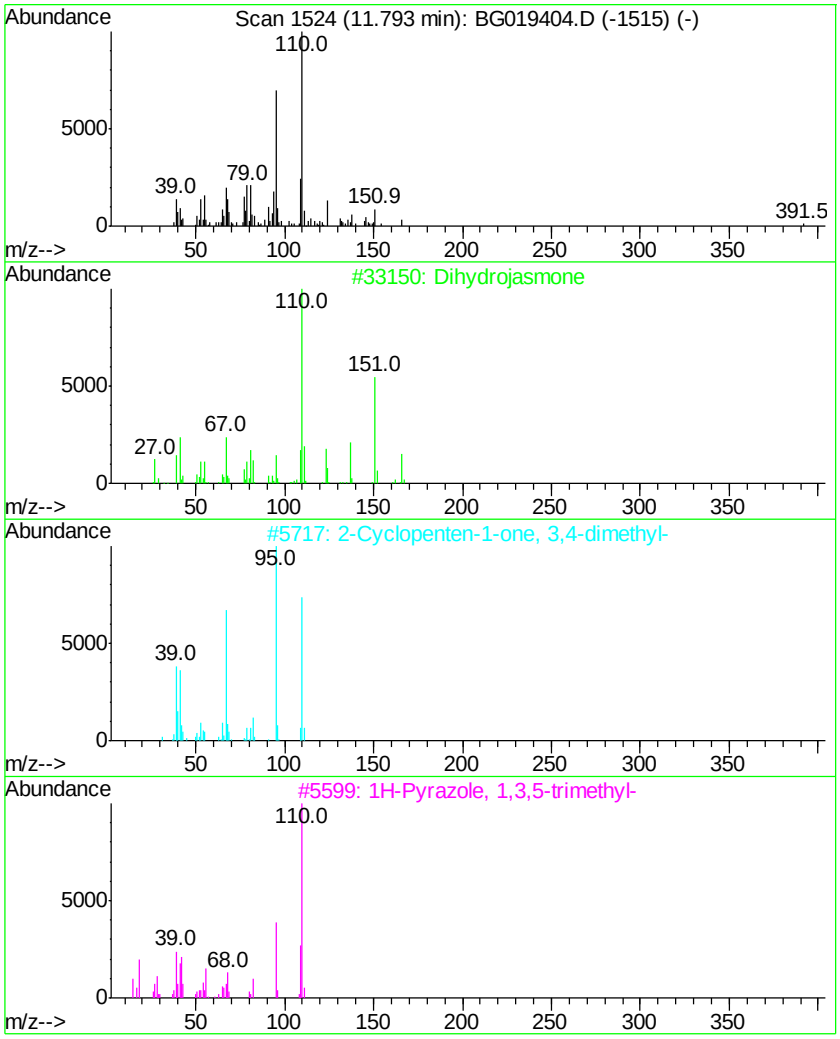
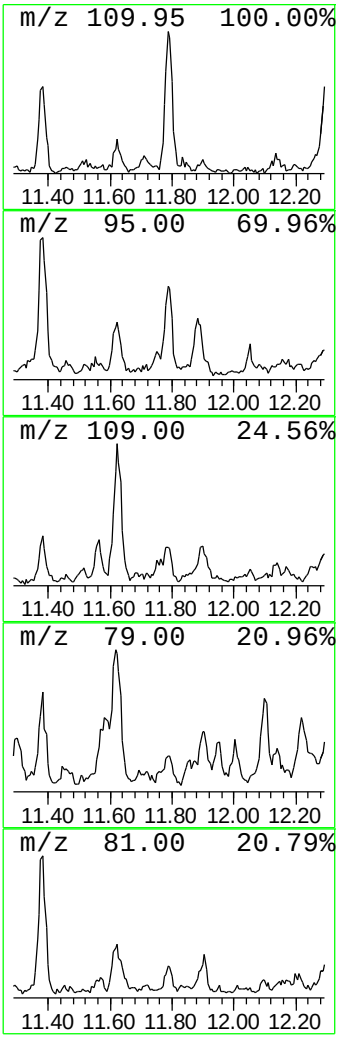
Peak Number 29 Dihydrojasmone Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	9.53 ng/ul	176089	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydrojasmone	166	C11H18O	001128-08-1	53
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	50
3	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	46
4	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	46
5	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	38





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Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
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Sample : G4120-19
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

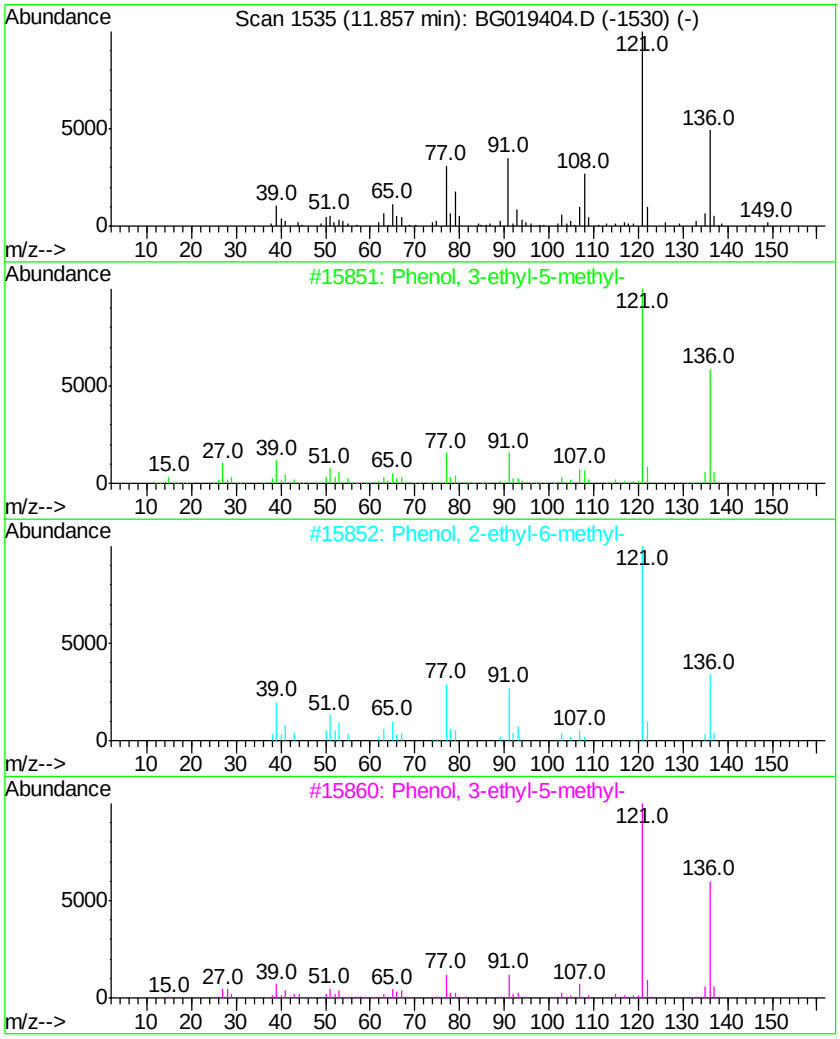
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

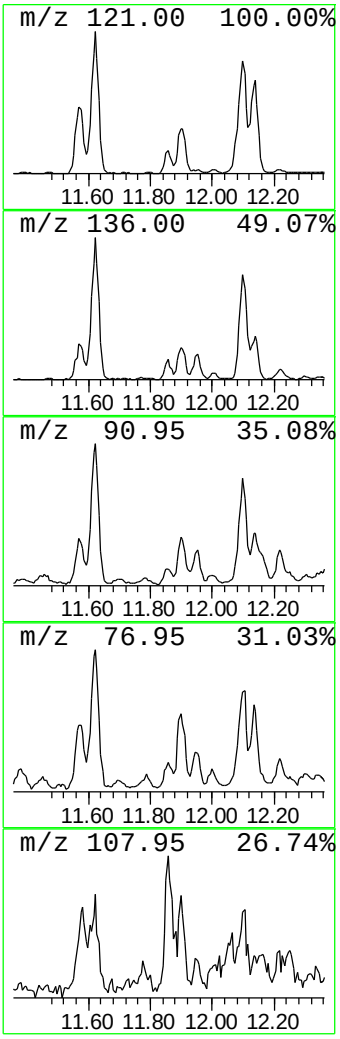
****

Peak Number 30 Phenol, 3-ethyl-5-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.22 ng/ul	114890	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	83
5	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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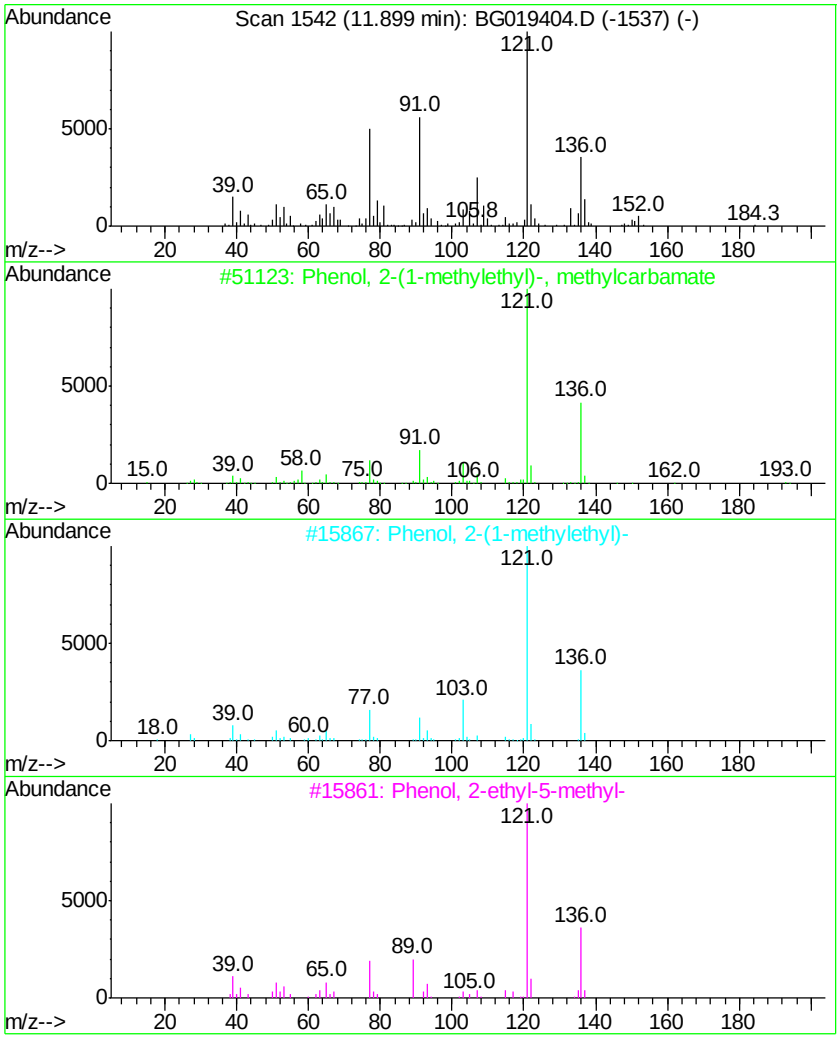
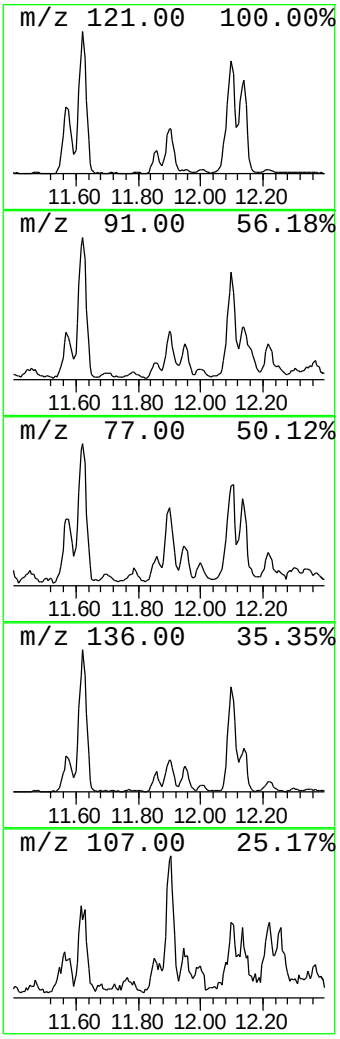
Peak Number 31 Phenol, 2-(1-methylethyl)-,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	16.20 ng/ul	299239	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	64
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	53
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	52
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	52
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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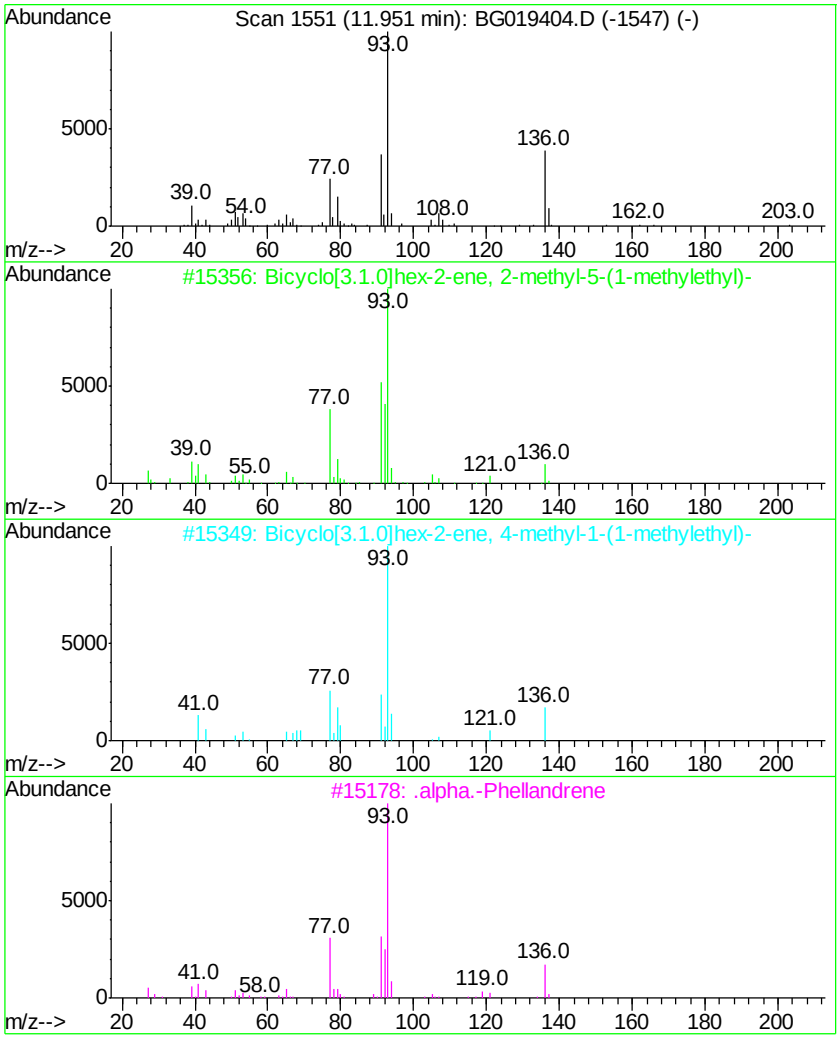
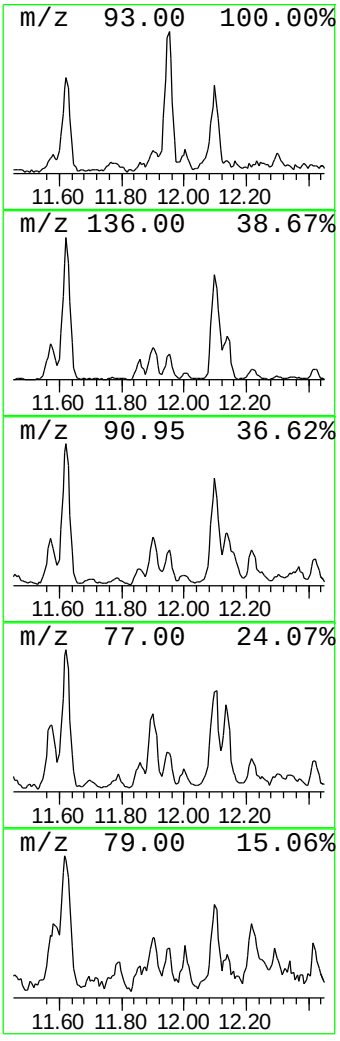
Peak Number 32 Bicyclo[3.1.0]hex-2-ene, 2-... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.97 ng/ul	128769	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	86
2	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	72
3	.alpha.-Phellandrene	136	C10H16	000099-83-2	72
4	.alpha.-Phellandrene	136	C10H16	000099-83-2	64
5	.beta.-Phellandrene	136	C10H16	000555-10-2	56





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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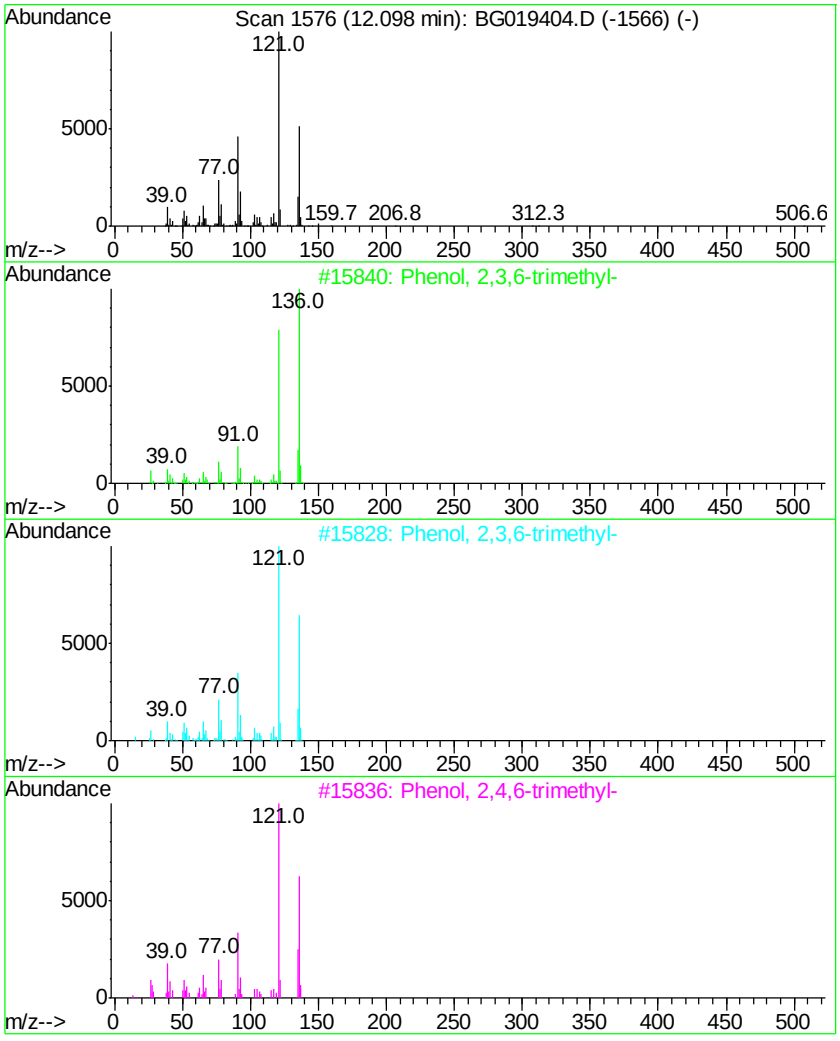
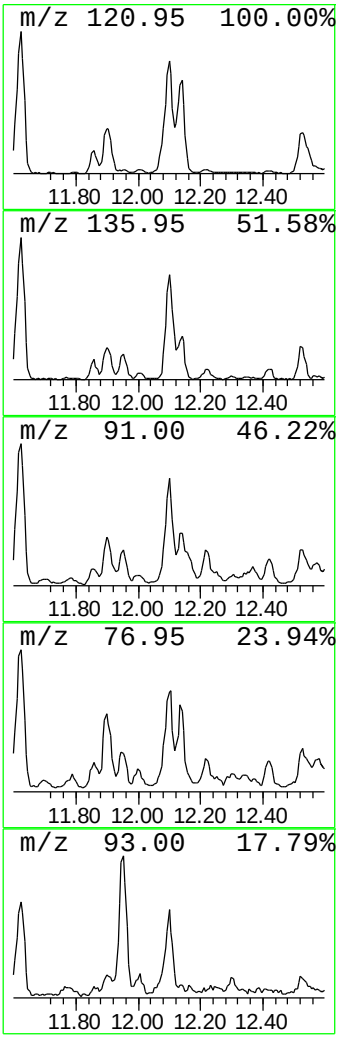
Peak Number 33 Phenol, 2,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	38.06 ng/ul	703214	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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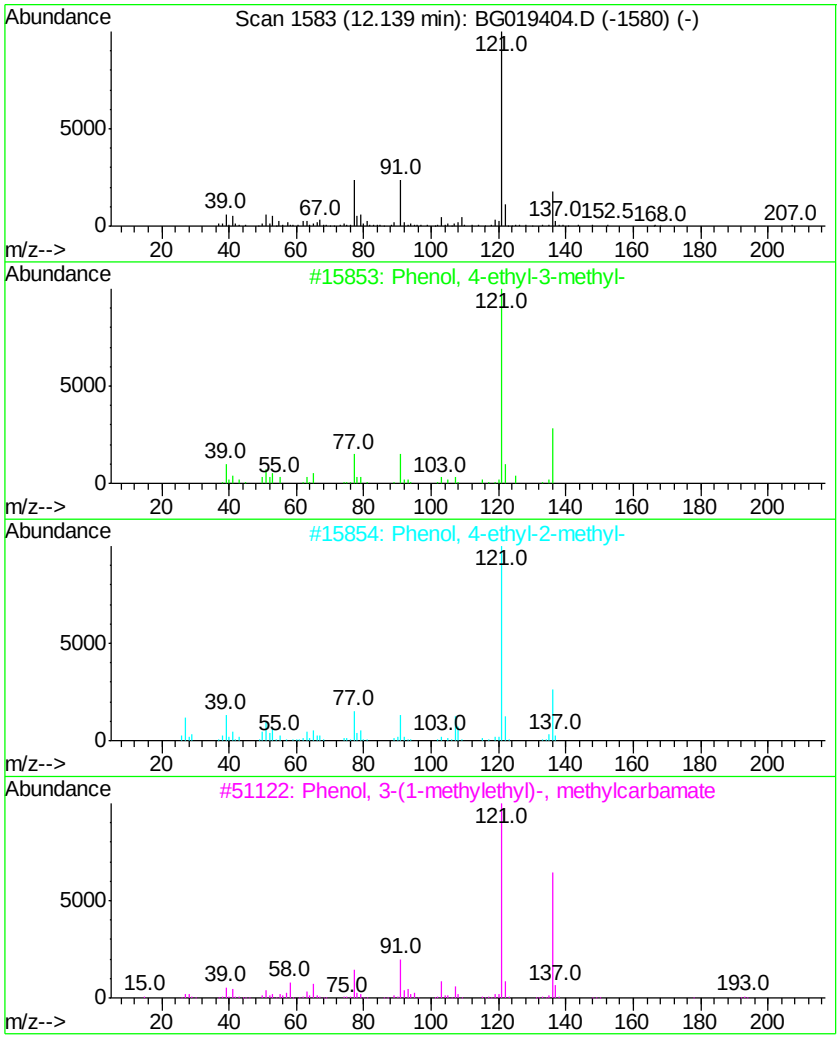
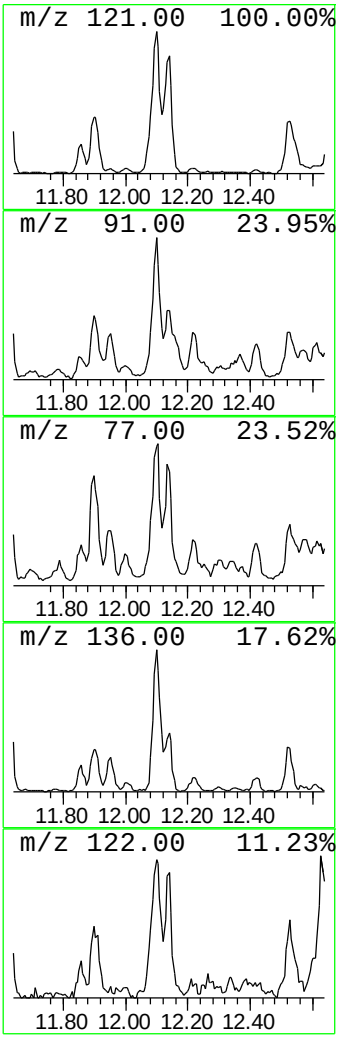
Peak Number 34 Phenol, 4-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	17.55 ng/ul	324213	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	86
2	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	83
3	Phenol, 3-(1-methylethyl)-, meth...	193	C11H15NO2	000064-00-6	78
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	78
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019404.D
Acq On : 29 Oct 2015 5:59
Operator : UM/NP
Sample : G4120-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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
Butane, 2-methoxy...	3.24	26.5	ng/ul	270747	1	8.20	204206	20.0
Cyclopentanone	8.03	10.1	ng/ul	102867	1	8.20	204206	20.0
unknown-01	8.51	9.2	ng/ul	93448	1	8.20	204206	20.0
Indane	8.58	13.4	ng/ul	136357	1	8.20	204206	20.0
Indene	8.75	9.5	ng/ul	97265	1	8.20	204206	20.0
2-Cyclopenten-1-o...	8.86	35.3	ng/ul	360854	1	8.20	204206	20.0
(DEL) Alkane: Cyc...	9.18	17.1	ng/ul	174226	1	8.20	204206	20.0
Benzene, propyl-	9.29	31.5	ng/ul	321357	1	8.20	204206	20.0
Ethanone, 1-(1-cy...	9.32	40.6	ng/ul	414447	1	8.20	204206	20.0
Cyclopentene,1-(2...	9.49	21.5	ng/ul	219818	1	8.20	204206	20.0
1,3-Benzenediamin...	9.58	22.0	ng/ul	225022	1	8.20	204206	20.0
1,2-Cyclooctadiene	9.65	7.5	ng/ul	137943	2	11.03	369483	20.0
3-Phenyl-2-propyn...	9.70	12.4	ng/ul	228521	2	11.03	369483	20.0
Benzofuran, 2-met...	9.77	26.6	ng/ul	492366	2	11.03	369483	20.0
Cyclohexane, (1-m...	9.98	12.7	ng/ul	235221	2	11.03	369483	20.0
5-Octen-2-yn-4-ol	10.22	7.8	ng/ul	144882	2	11.03	369483	20.0
Methyl ethyl cycl...	10.26	10.9	ng/ul	202189	2	11.03	369483	20.0
2-Hexenoic acid, ...	10.31	17.9	ng/ul	331367	2	11.03	369483	20.0
Benzene,1-methyl-...	10.54	5.0	ng/ul	93114	2	11.03	369483	20.0
Phenol, 2-ethyl-6...	10.85	36.0	ng/ul	664958	2	11.03	369483	20.0
Phenol, 2-propyl-	11.30	15.5	ng/ul	286904	2	11.03	369483	20.0
1,3-Hexadiene, 3-...	11.38	20.4	ng/ul	377626	2	11.03	369483	20.0
1H-Pyrazole, 4,5-...	11.45	7.9	ng/ul	146377	2	11.03	369483	20.0
Phenol, 3,4,5-tri...	11.57	20.7	ng/ul	383232	2	11.03	369483	20.0
Phenol, 2,3,6-tri...	11.62	55.4	ng/ul	1024090	2	11.03	369483	20.0
Dihydrojasmone	11.79	9.5	ng/ul	176089	2	11.03	369483	20.0
Phenol, 3-ethyl-5...	11.86	6.2	ng/ul	114890	2	11.03	369483	20.0
Phenol, 2-(1-meth...	11.90	16.2	ng/ul	299239	2	11.03	369483	20.0
Bicyclo[3.1.0]hex...	11.95	7.0	ng/ul	128769	2	11.03	369483	20.0
Phenol, 2,4,6-tri...	12.10	38.1	ng/ul	703214	2	11.03	369483	20.0
Phenol, 4-ethyl-3...	12.14	17.6	ng/ul	324213	2	11.03	369483	20.0