LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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: BG019499.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.238	63	68	86	rVV	224198	329537	12.50%	0.486%
2	6.910	686	693	706	rVB5	114677	272979	10.35%	0.403%
3	7.521	791	797	803	rBV	98117	166359	6.31%	0.246%
4	7.597	803	810	815	rVB3	126426	214932	8.15%	0.317%
5	7.697	819	827	830	rBV5	99395	238735	9.06%	0.352%
6	7.738	830	834	840	rVB2	124637	209843	7.96%	0.310%
7	7.932	859	867	871	rBV	160606	273905	10.39%	0.404%
8	8.014	876	881	889	rVB4	102096	225653	8.56%	0.333%
9	8.202	899	913	920	rBV4	168322	408893	15.51%	0.604%
10	8.478	950	960	965	rBV	658062	1264861	47.98%	1.867%
11	8.602	973	981	988	rBV5	103447	274496	10.41%	0.405%
12	8.749	1000	1006	1015	rVB2	82825	168317	6.38%	0.248%
13	8.854	1016	1024	1031	rBV2	757812	1436680	54.50%	2.120%
14	8.925	1031	1036	1041	rVB3	115598	193294	7.33%	0.285%
15	9.184	1073	1080	1083	rBV3	153613	268403	10.18%	0.396%
16	9.325	1092	1104	1109	rBV4	655368	1539386	58.39%	2.272%
17	9.377	1109	1113	1118	rVB	110703	188732	7.16%	0.279%
18	9.495	1125	1133	1138	rBV4	466077	937815	35.57%	1.384%
19	9.577	1143	1147	1153	rVV4	214325	396288	15.03%	0.585%
20	9.648	1153	1159	1163	rVV	931574	1592213	60.40%	2.350%
21	9.689	1163	1166	1173	rVV	168845	365070	13.85%	0.539%
22	9.765	1173	1179	1188	rVB	557115	969618	36.78%	1.431%
23	9.983	1204	1216	1223	rVB2	618776	1153776	43.76%	1.703%
24	10.112	1231	1238	1247	rBV5	255354	655292	24.86%	0.967%
25	10.200	1247	1253	1256	rVV	613015	1211908	45.97%	1.789%
26	10.229	1256	1258	1267	rVV3	646103	1333101	50.57%	1.968%
27	10.312	1267	1272	1278	rVB	350617	676701	25.67%	0.999%
28	10.476	1288	1300	1301	rVV4	367877	800637	30.37%	1.182%
29	10.511	1301	1306	1319	rVB	1378940	2636317	100.00%	3.891%
30	10.664	1325	1332	1338	rBV2	725138	1399508	53.09%	2.066%
31	10.858	1357	1365	1369	rBV2	371225	948960	36.00%	1.401%
32	10.905	1369	1373	1382	rVB3	521900	1167650	44.29%	1.723%
33	11.040	1391	1396	1400	rVB	169847	278176	10.55%	0.411%
34	11.093	1400	1405	1414	rVB9	126417	294193	11.16%	0.434%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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	11.181	1414	1420	1428	rVB	741665	1338598	50.78%	1.976%
36	11.275	1429	1436	1438	rBV3	218376	394879	14.98%	0.583%
37	11.387	1450	1455	1461	rVB5	404304	713492	27.06%	1.053%
38	11.446	1461	1465	1468	rBV	145028	238525	9.05%	0.352%
39	11.481	1468	1471	1475	rVB	135388	182927	6.94%	0.270%
40	11.575	1481	1487	1491	rBV	563388	1019640	38.68%	1.505%
41	11.622	1491	1495	1502	rVB2	695214	1256221	47.65%	1.854%
42	11.792	1517	1524	1530	rVB4	165095	302724	11.48%	0.447%
43	11.863	1530	1536	1541	rBV	1053785	1894127	71.85%	2.796%
44	11.904	1541	1543	1548	rVB2	246216	340316	12.91%	0.502%
45	12.051	1562	1568	1572	rBV	598959	997592	37.84%	1.472%
46	12.109	1572	1578	1581	rVV	1122134	1917931	72.75%	2.831%
47	12.145	1581	1584	1592	rVV2	321690	577053	21.89%	0.852%
48	12.221	1592	1597	1601	rVB3	196030	287235	10.90%	0.424%
49	12.415	1625	1630	1633	rBV2	335964	566982	21.51%	0.837%
50	12.456	1633	1637	1642	rVB	540631	831074	31.52%	1.227%
51	12.527	1644	1649	1654	rBV2	245722	461656	17.51%	0.681%
52	12.591	1655	1660	1668	rVV6	131820	439121	16.66%	0.648%
53	12.721	1675	1682	1689	rBV4	628363	1339526	50.81%	1.977%
54	12.785	1689	1693	1695	rBV3	204796	320414	12.15%	0.473%
55	12.897	1708	1712	1715	rBV	156859	213256	8.09%	0.315%
56	12.997	1724	1729	1733	rBV	459365	798127	30.27%	1.178%
57	13.044	1733	1737	1745	rVV2	994784	1673757	63.49%	2.470%
58	13.114	1745	1749	1752	rVV	260291	351044	13.32%	0.518%
59	13.196	1758	1763	1766	rBV3	415049	715833	27.15%	1.057%
60	13.255	1770	1773	1779	rVV5	610032	1102087	41.80%	1.627%
61	13.308	1779	1782	1787	rVV2	252059	406672	15.43%	0.600%
62	13.431	1799	1803	1810	rVB5	142972	267923	10.16%	0.395%
63	13.543	1813	1822	1826	rBV5	219656	640613	24.30%	0.946%
64	13.590	1826	1830	1835	rVV5	224646	470759	17.86%	0.695%
65	13.637	1835	1838	1843	rVB4	272691	409839	15.55%	0.605%
66	13.708	1846	1850	1856	rVV5	112664	253517	9.62%	0.374%
67	13.813	1863	1868	1874	rVB3	443089	761357	28.88%	1.124%
68	13.972	1889	1895	1899	rBV2	602169	1113273	42.23%	1.643%
69	14.107	1914	1918	1922	rVB5	238741	334214	12.68%	0.493%
70	14.172	1924	1929	1931	rBV4	244208	407144	15.44%	0.601%
71	14.330	1950	1956	1966	rBV3	609346	1347314	51.11%	1.989%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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	14.413	1966	1970	1975	rVV2	298009	664103	25.19%	0.980%
73	14.460	1975	1978	1985	rVV2	364421	674997	25.60%	0.996%
74	14.536	1985	1991	2001	rVB2	482514	1168230	44.31%	1.724%
75	14.654	2007	2011	2015	rBV5	135536	259510	9.84%	0.383%
76	14.701	2015	2019	2022	rVV2	129076	235329	8.93%	0.347%
77	14.836	2035	2042	2050	rBV4	652821	1783513	67.65%	2.632%
78	14.912	2050	2055	2058	rVB	435547	612005	23.21%	0.903%
79	15.000	2065	2070	2071	rBV2	305309	462361	17.54%	0.682%
80	15.024	2072	2074	2081	rVB2	543535	771754	29.27%	1.139%
81	15.135	2088	2093	2097	rBV4	206663	445868	16.91%	0.658%
82	15.212	2103	2106	2110	rVB2	191364	233855	8.87%	0.345%
83	15.306	2118	2122	2128	rVB5	153602	281866	10.69%	0.416%
84	15.453	2142	2147	2151	rVB7	211487	349133	13.24%	0.515%
85	15.611	2170	2174	2176	rBV4	198606	294082	11.16%	0.434%
86	15.758	2195	2199	2204	rBV2	192680	390351	14.81%	0.576%
87	15.823	2205	2210	2214	rVB2	508667	817948	31.03%	1.207%
88	15.934	2225	2229	2234	rBV5	205947	338568	12.84%	0.500%
89	16.081	2250	2254	2262	rBV4	151526	423155	16.05%	0.625%
90	16.193	2270	2273	2280	rBV3	219209	346063	13.13%	0.511%
91	16.258	2281	2284	2288	rVB	216497	263288	9.99%	0.389%
92	16.416	2307	2311	2313	rBV4	131611	210196	7.97%	0.310%
93	16.692	2356	2358	2365	rVB4	202259	296959	11.26%	0.438%
94	17.145	2431	2435	2437	rBV5	120939	190614	7.23%	0.281%
95	17.580	2504	2509	2513	rBV2	422643	665849	25.26%	0.983%
96	17.674	2521	2525	2535	rVB	531895	825098	31.30%	1.218%
97	19.947	2908	2912	2917	rVB	692511	973935	36.94%	1.437%
98	21.863	3233	3238	3245	rVB	497675	855119	32.44%	1.262%
99	25.006	3764	3773	3785	rVB	333861	970473	36.81%	1.432%
100	25.241	3805	3813	3824	rVB3	257229	769377	29.18%	1.136%

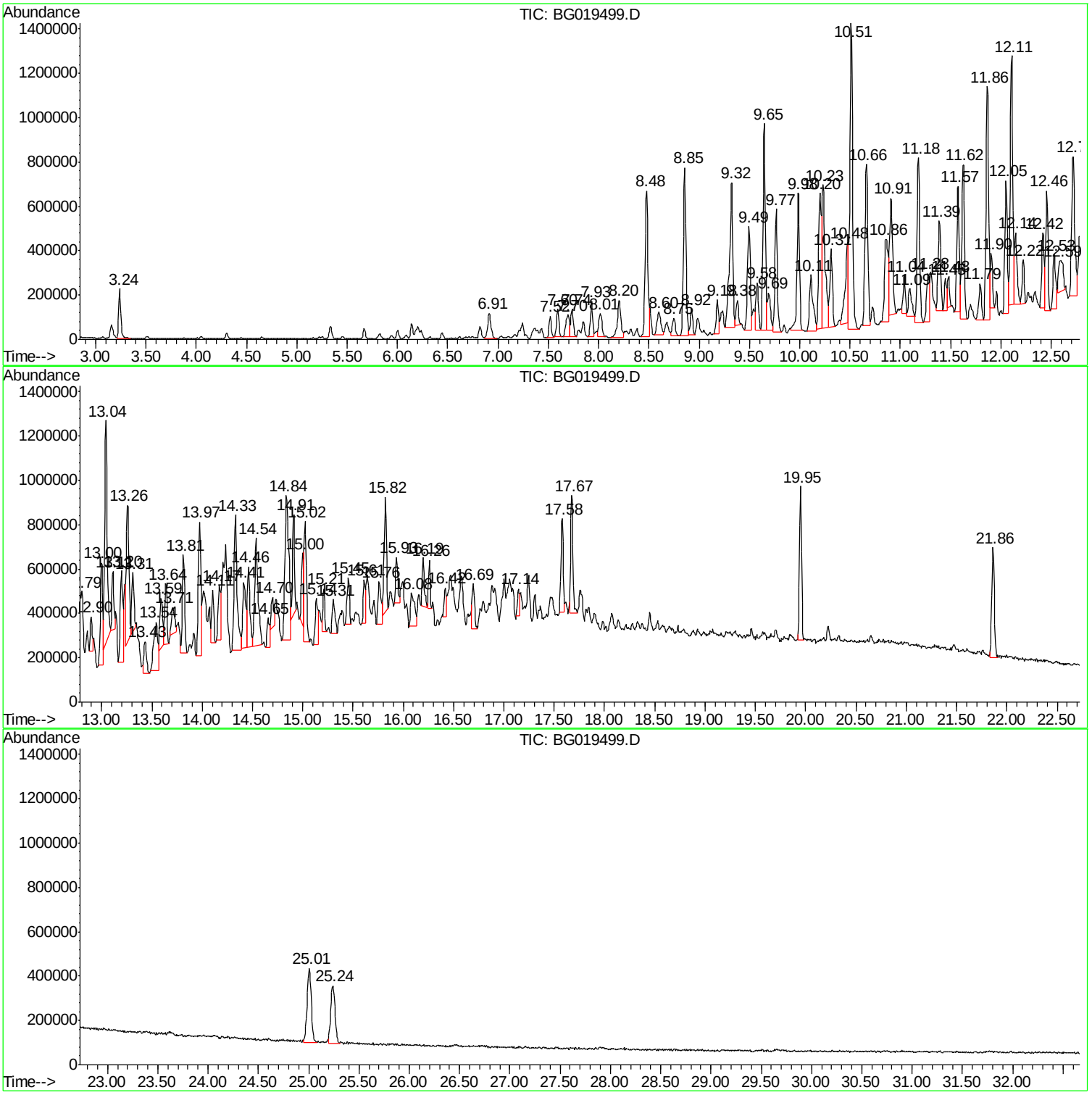
Sum of corrected areas: 67752589

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

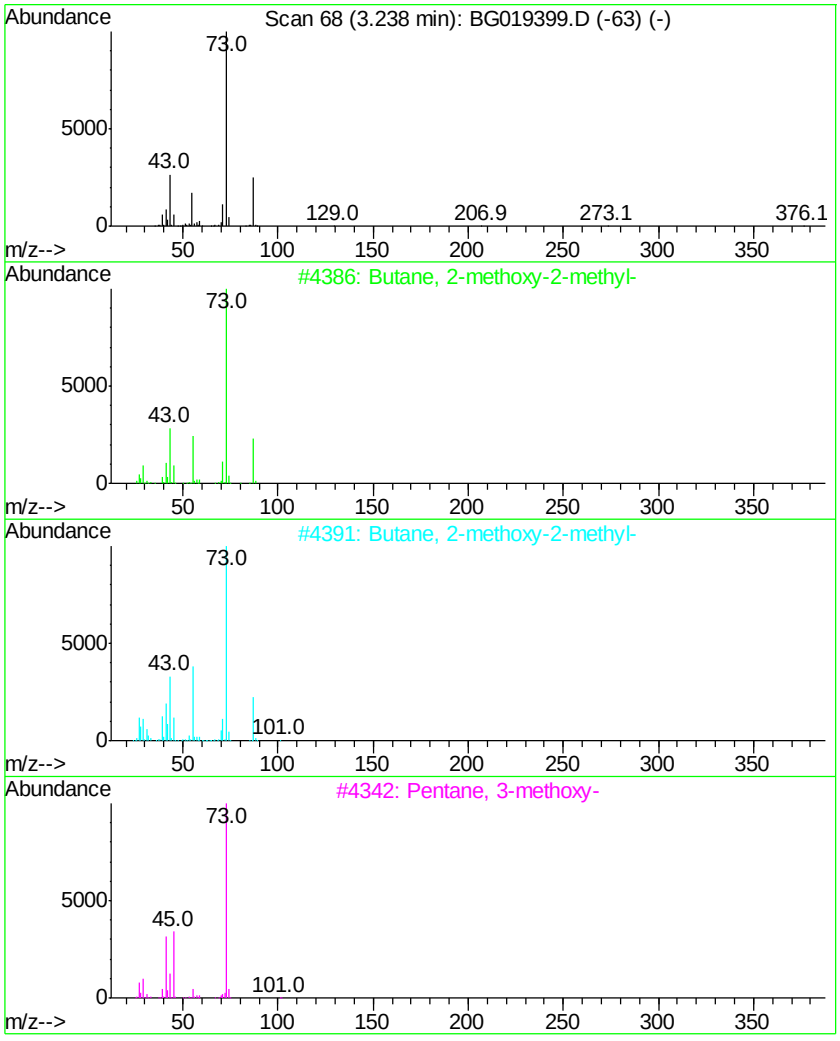
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

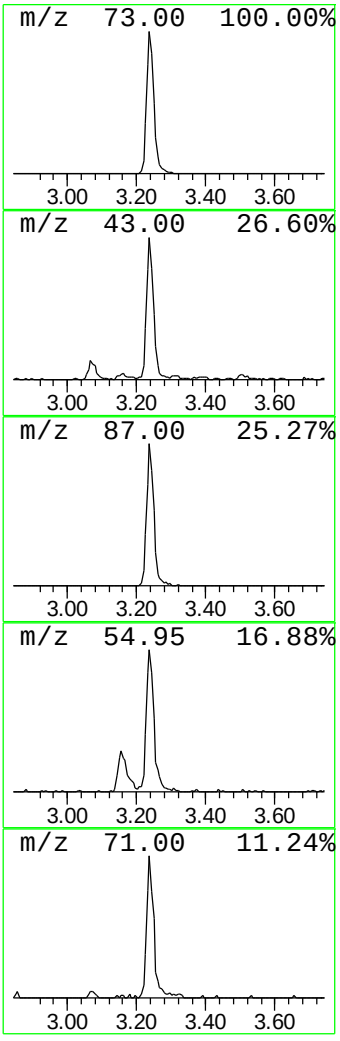
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	16.12 ng/ul	329537	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	53
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

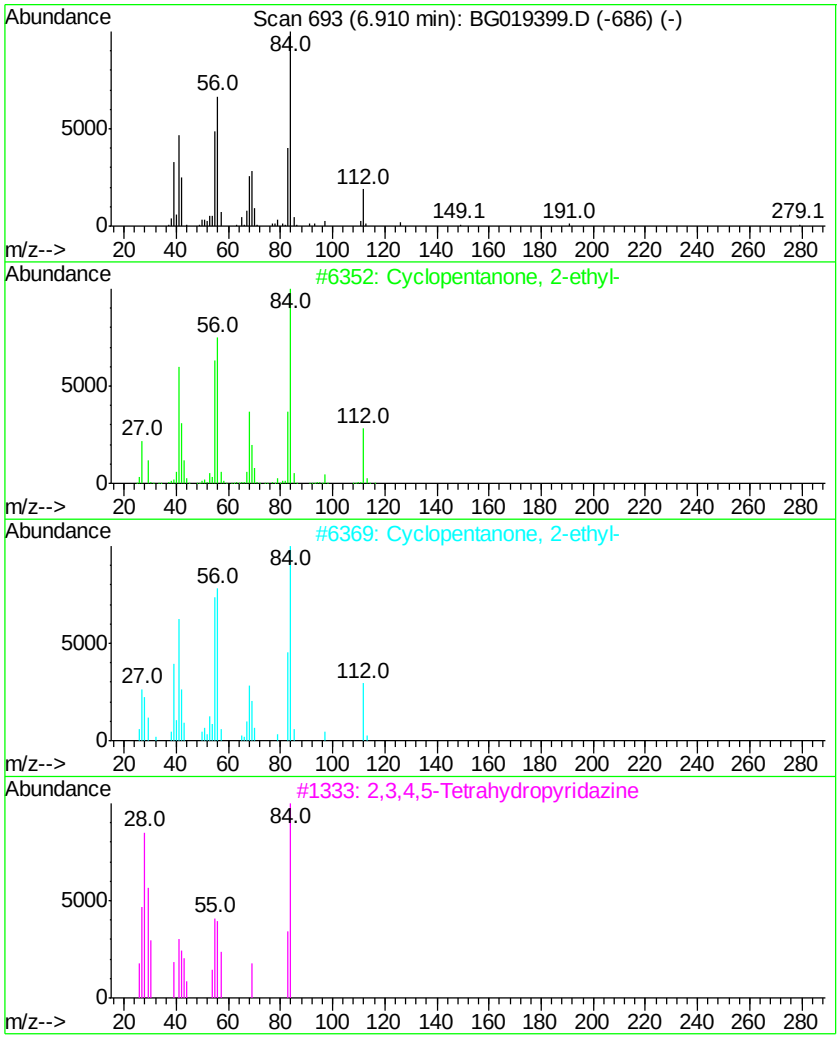
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

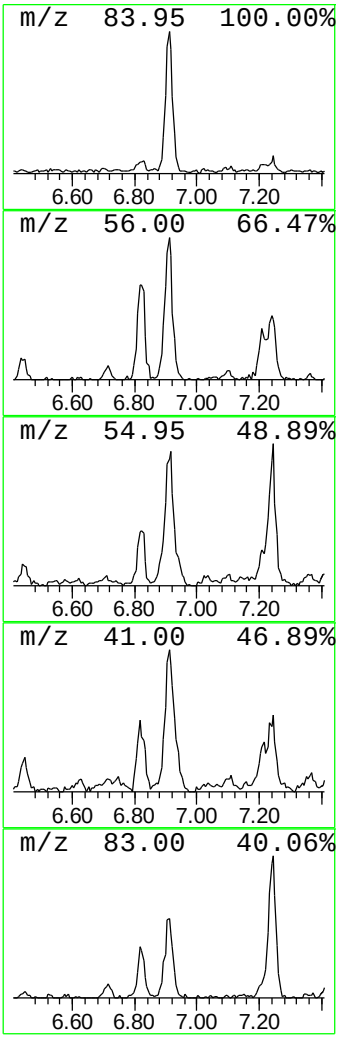
****

Peak Number 2 Cyclopentanone, 2-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	13.35 ng/ul	272979	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	87
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	76
3	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	50
4	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	50
5	Cyclohexane	84	C6H12	000110-82-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

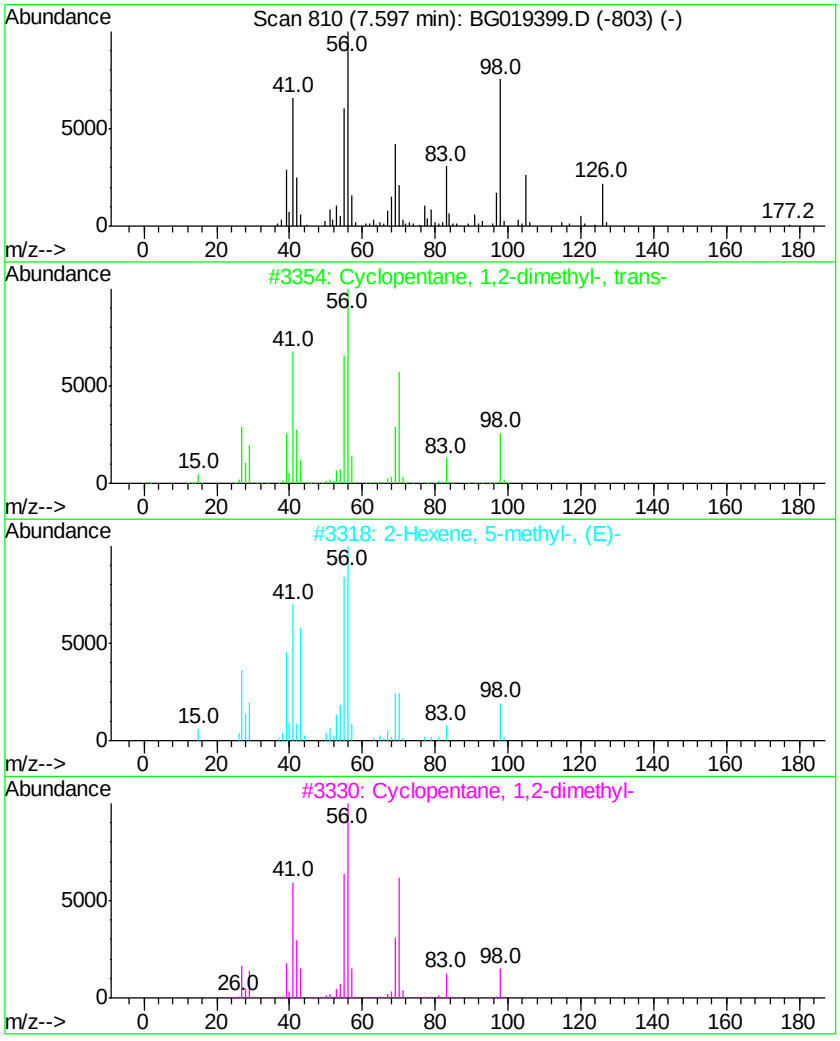
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

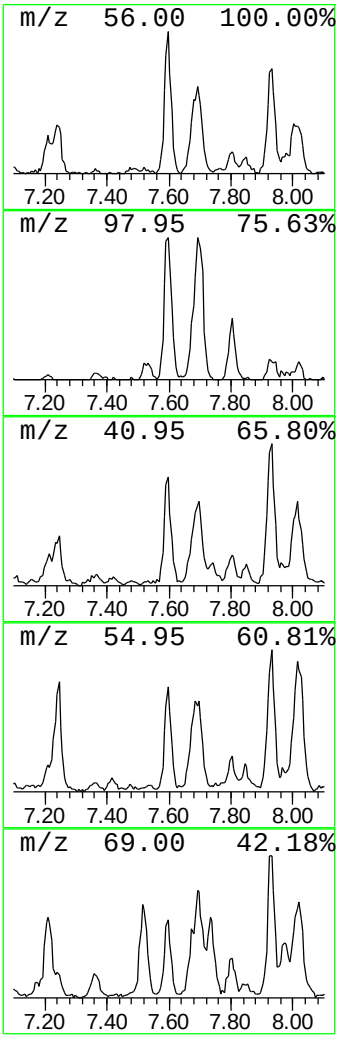
****

Peak Number 3 (DEL) Alkane: Cyclic7.60 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.51 ng/ul	214932	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	58
2	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	50
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	50
4	1,3-Cyclopentanedione, 4-ethyl-	126	C7H10O2	057157-03-6	46
5	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

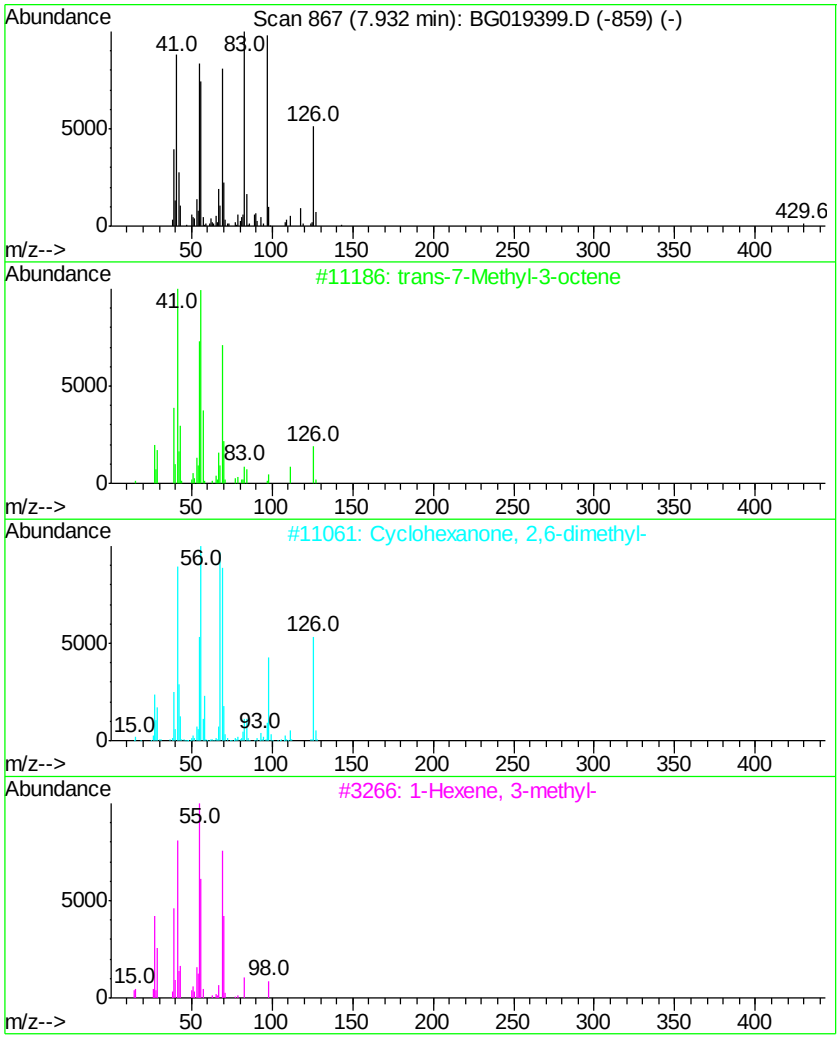
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

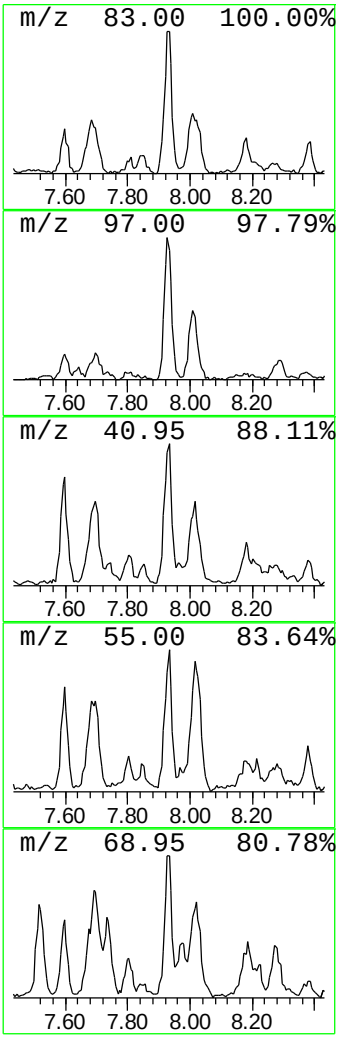
****

Peak Number 4 (DEL) Alkane: Cyclic7.93 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	13.40 ng/ul	273905	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-7-Methyl-3-octene	126	C9H18	1000113-52-8	55
2	Cyclohexanone, 2,6-dimethyl-	126	C8H14O	002816-57-1	46
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

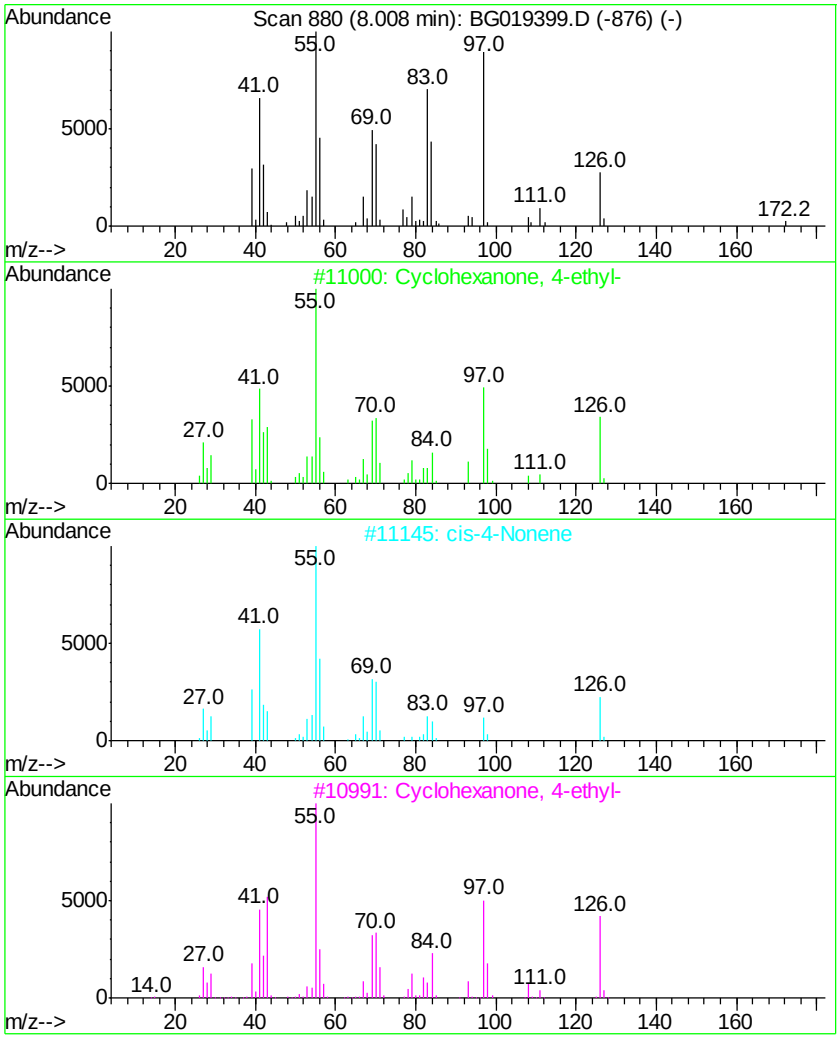
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

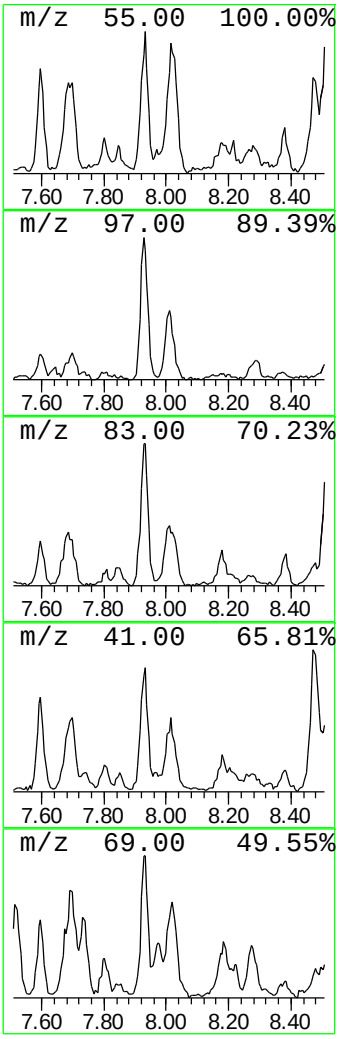
****

Peak Number 5 Cyclohexanone, 4-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	11.04 ng/ul	225653	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	70
2	cis-4-Nonene	126	C9H18	010405-84-2	49
3	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	49
4	4-Nonene	126	C9H18	002198-23-4	46
5	4-Nonene	126	C9H18	002198-23-4	46





Library Search Compound Report

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Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

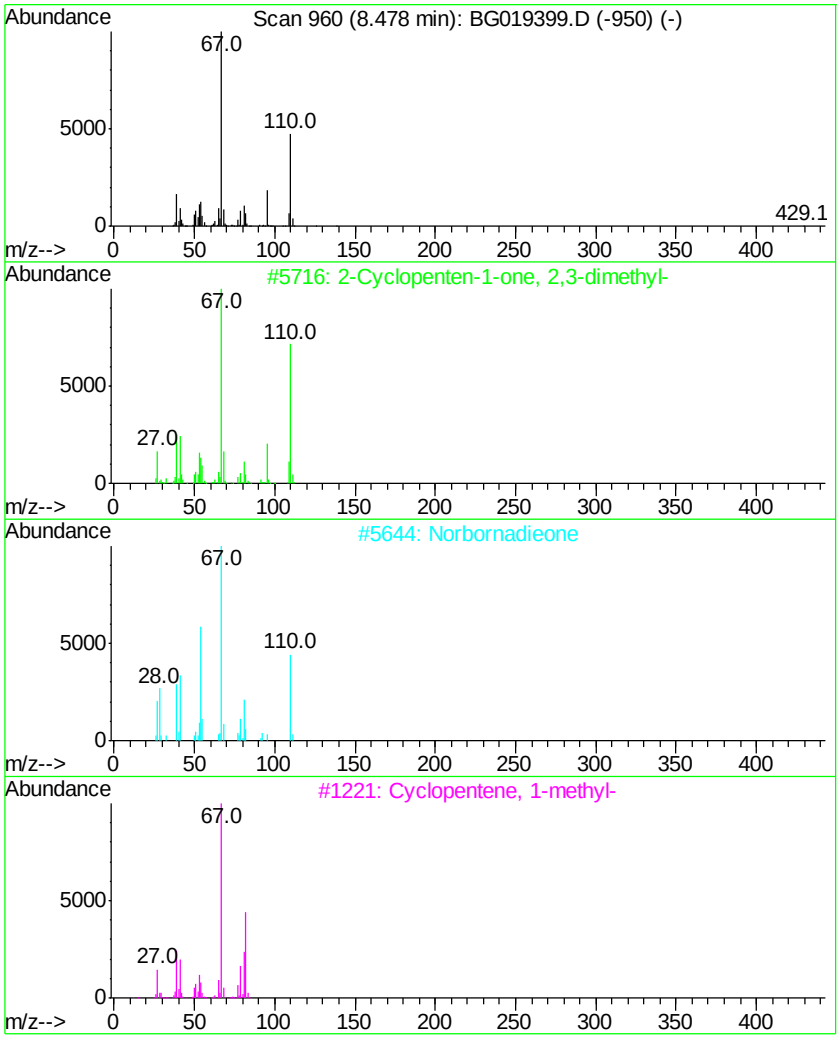
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

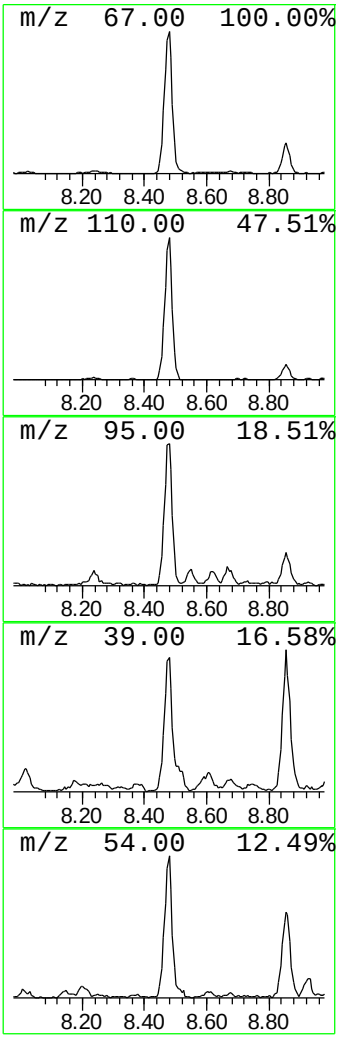
****

Peak Number 6 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	61.87 ng/ul	1264860	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2	Norbornadieone	110	C7H10O	010218-02-7	72
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	60
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	50
5	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	49





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Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

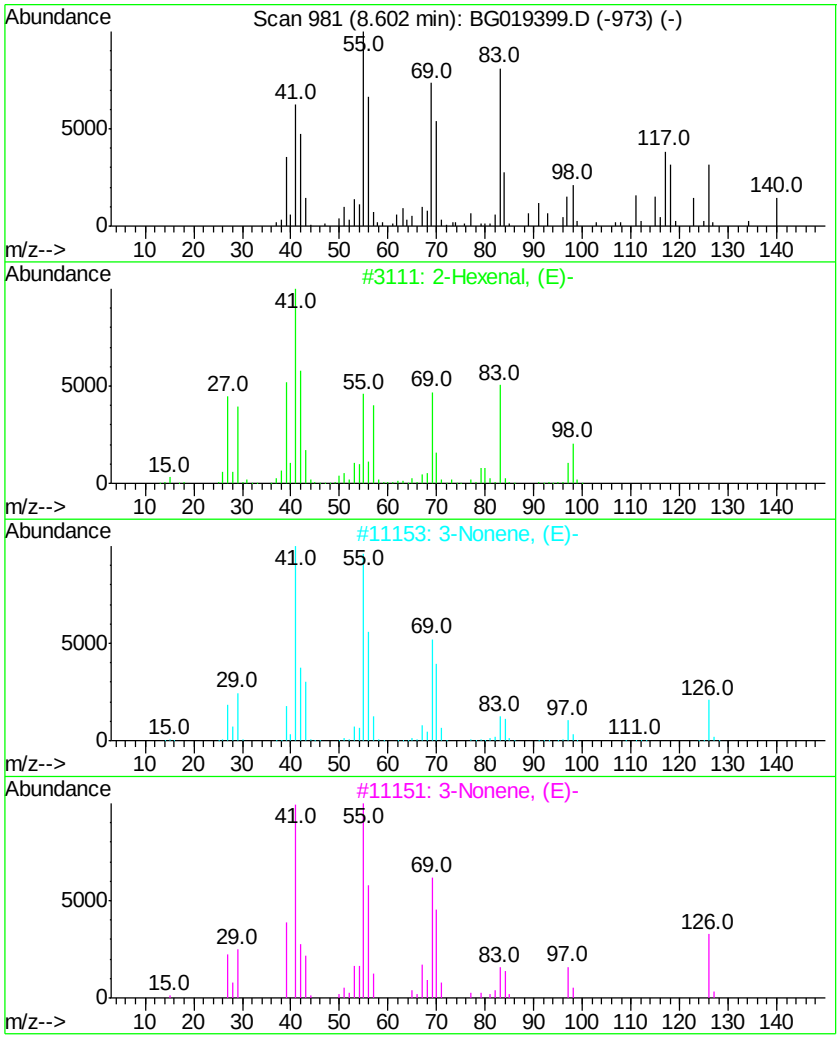
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

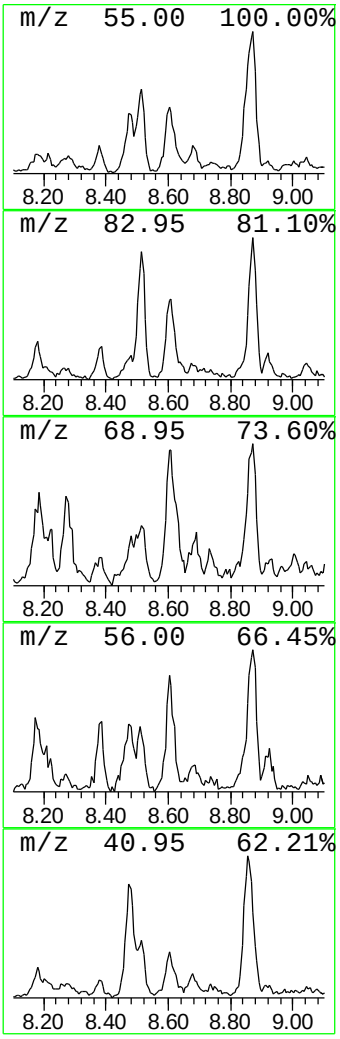
****

Peak Number 7 2-Hexenal, (E)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	13.43 ng/ul	274496	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	60
2	3-Nonene, (E)-	126	C9H18	020063-92-7	53
3	3-Nonene, (E)-	126	C9H18	020063-92-7	49
4	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	43
5	3-Heptene	98	C7H14	000592-78-9	42





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Instrument : BNA_G
ClientSampleId : E5LT6

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Quant Title : SVOA CALIBRATION

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

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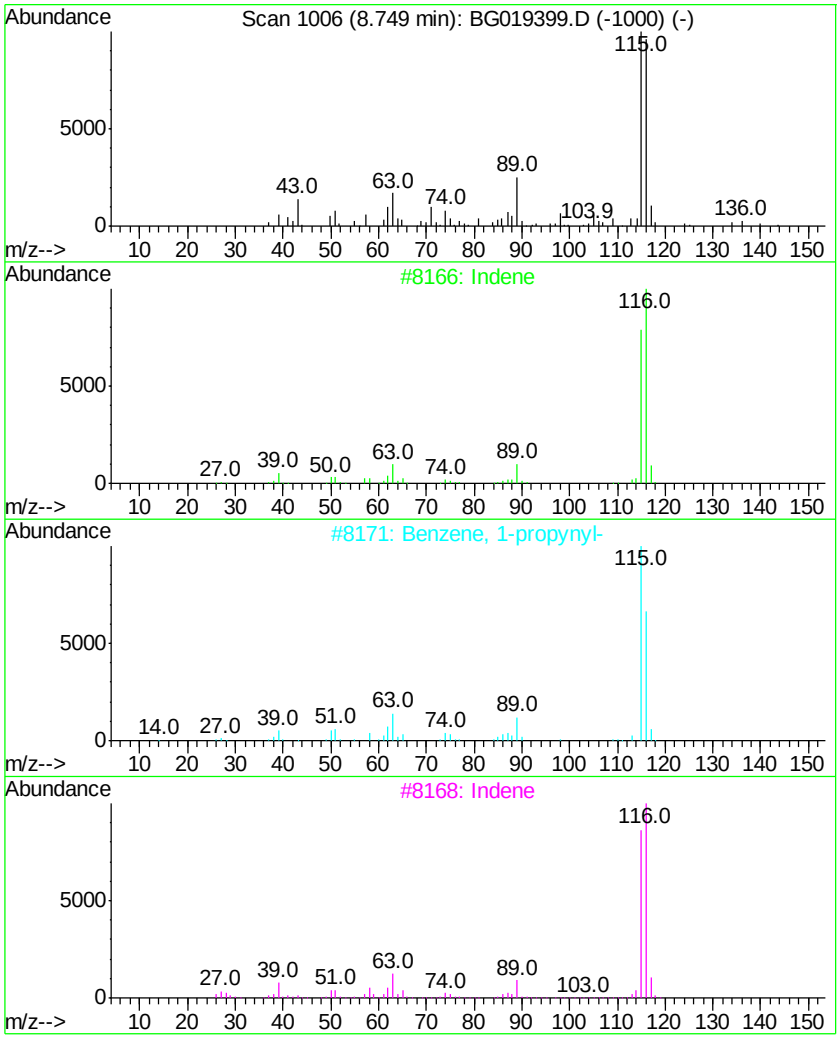
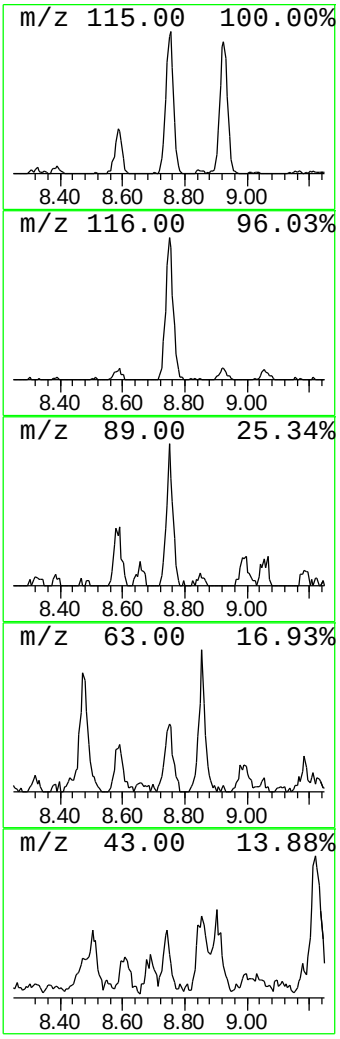
Peak Number 8 Indene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	8.23 ng/ul	168317	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	90





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Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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Quant Title : SVOA CALIBRATION

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

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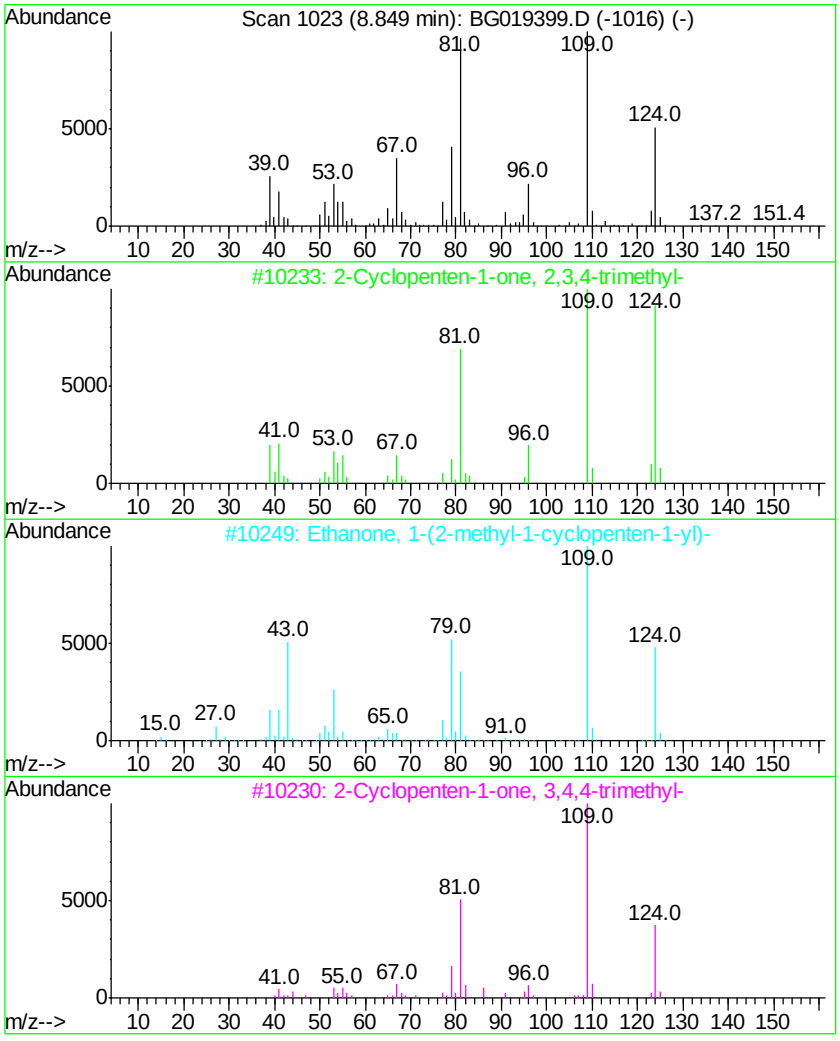
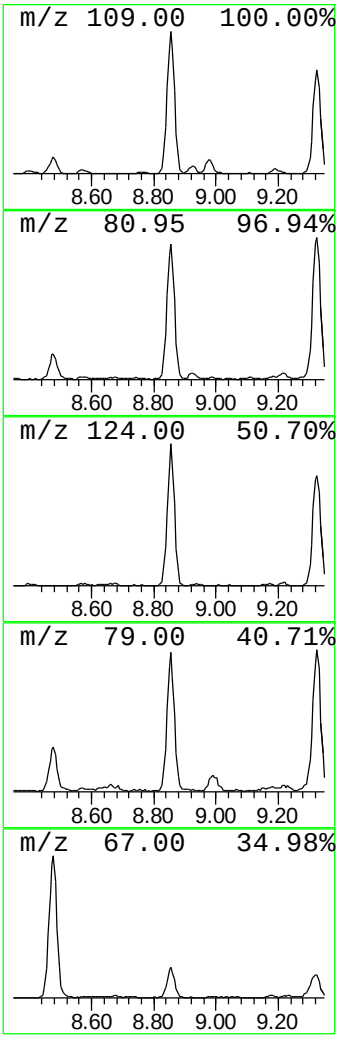
Peak Number 9 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	70.27 ng/ul	1436680	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	91
2	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	90
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	72
4	Mequinol	124	C7H8O2	000150-76-5	62
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62





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Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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Quant Title : SVOA CALIBRATION

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

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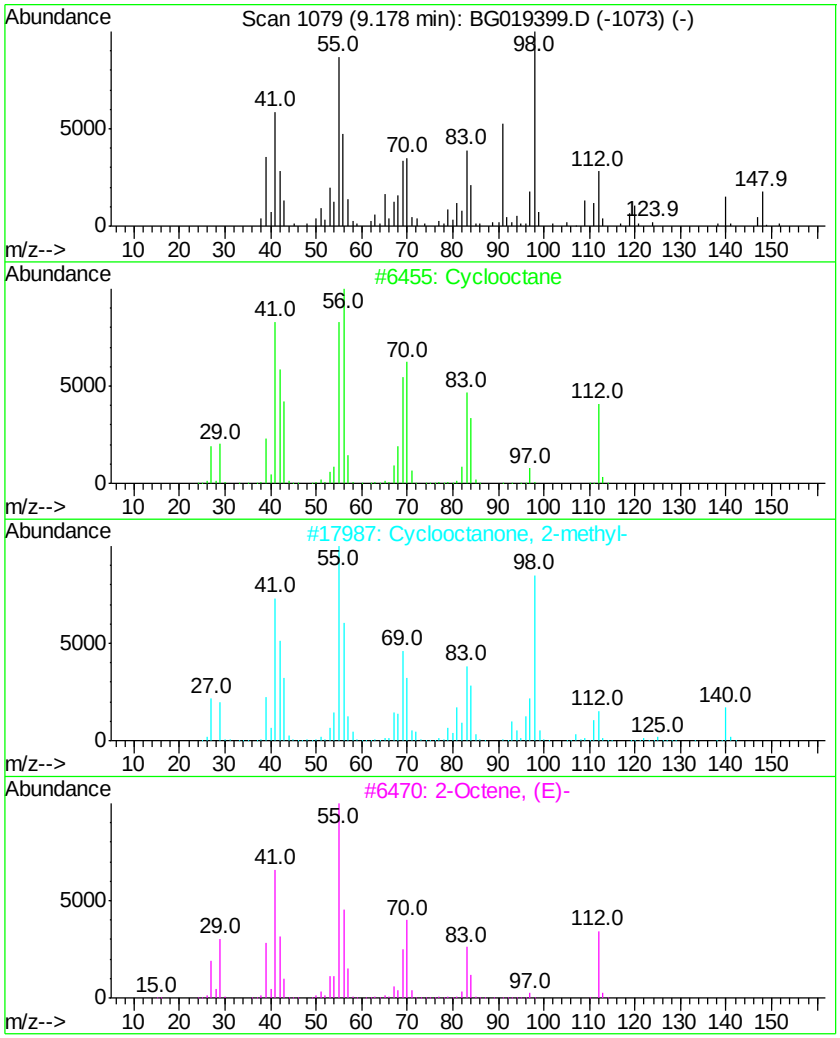
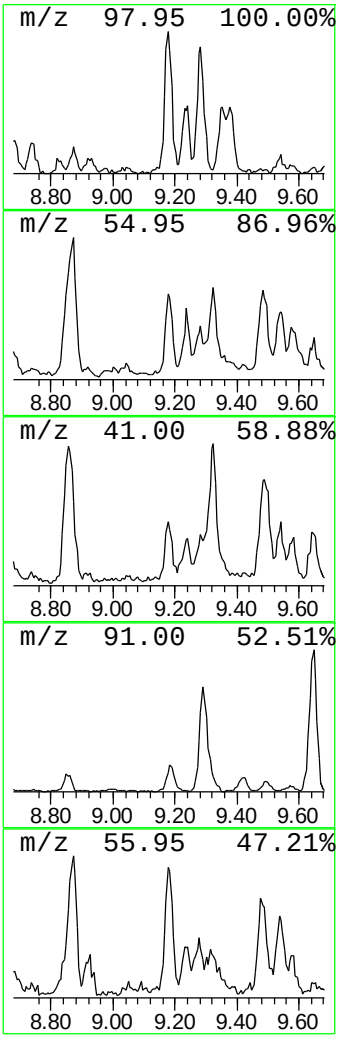
Peak Number 10 (DEL) Alkane: Cyclic9.18 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	13.13 ng/ul	268403	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	52
2	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	50
3	2-Octene, (E)-	112	C8H16	013389-42-9	46
4	4-Octene, (E)-	112	C8H16	014850-23-8	42
5	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	41





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Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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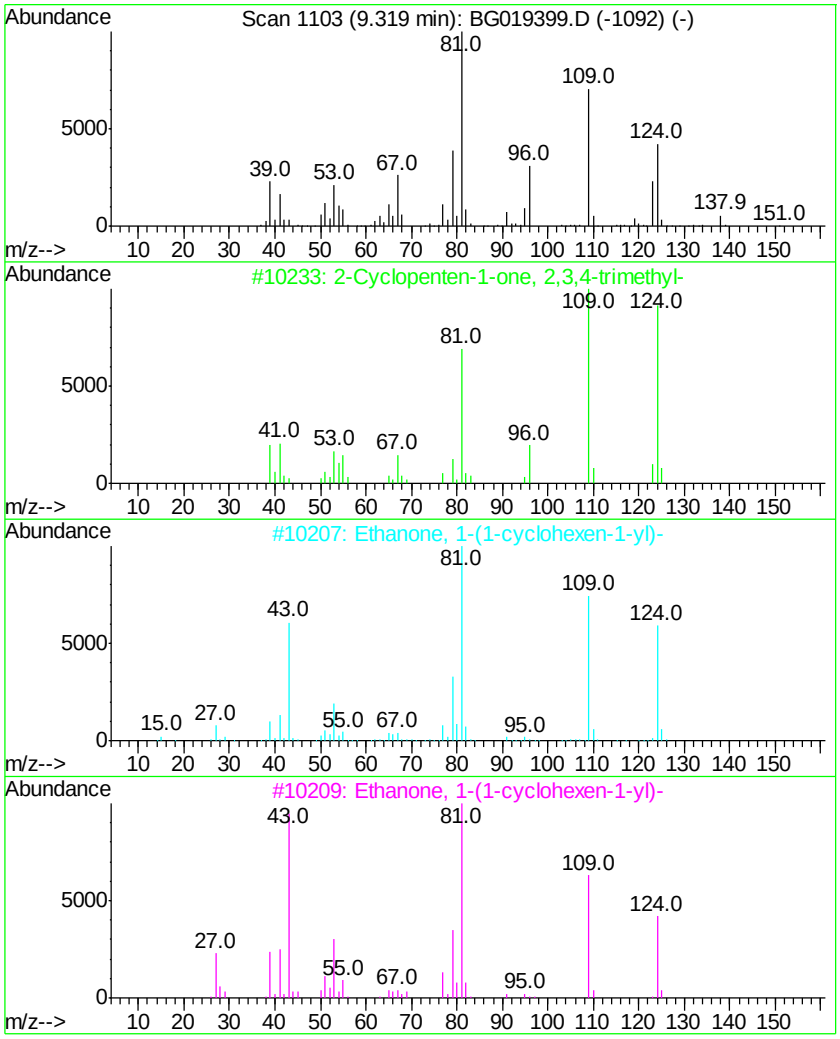
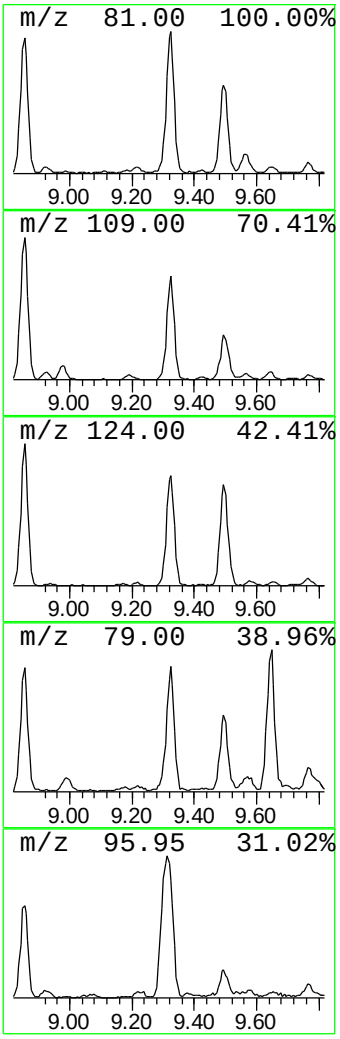
Peak Number 11 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	75.30 ng/ul	1539390	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	87
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	83
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	68
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	60





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Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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Quant Title : SVOA CALIBRATION

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

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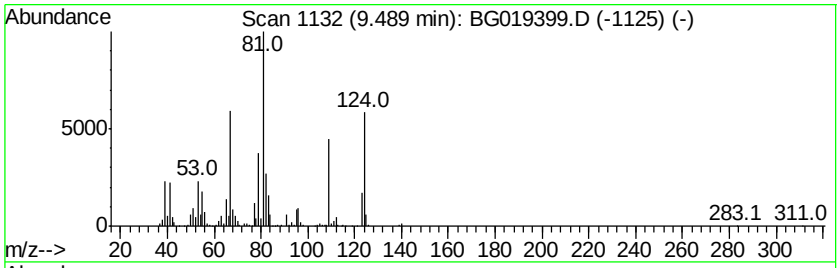
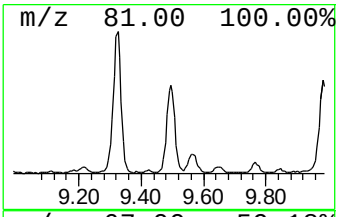
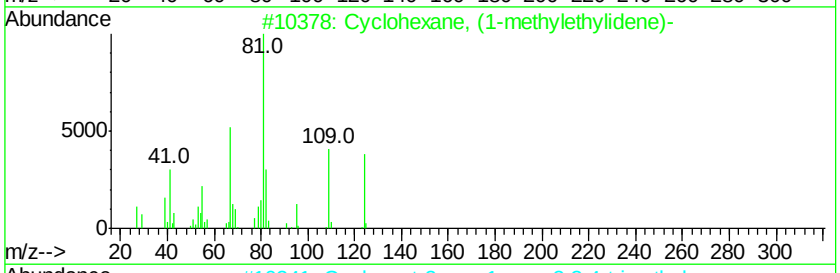
Peak Number 12 Cyclohexane, (1-methylethyl... Concentration Rank 21

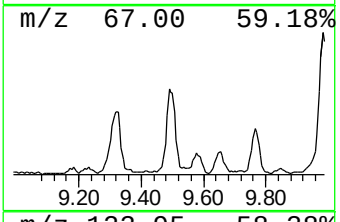
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	45.87 ng/ul	937815	1,4-Dichlorobenzene-d4	8.20

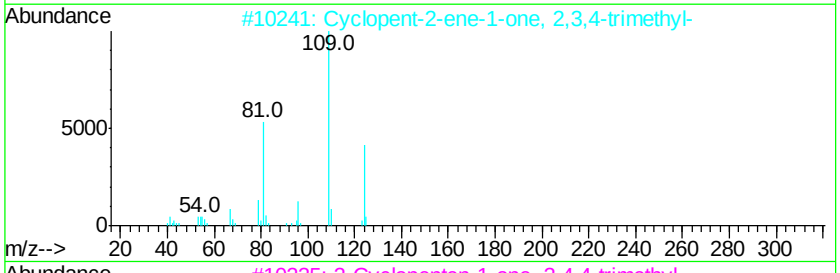
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	72
2	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	53
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	52
4	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	45
5	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	43

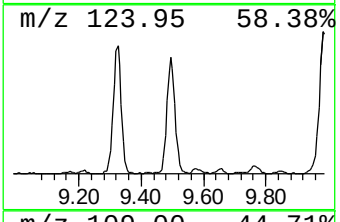


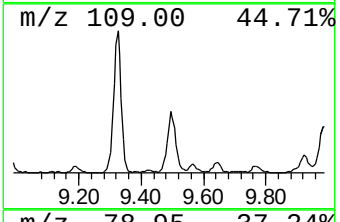


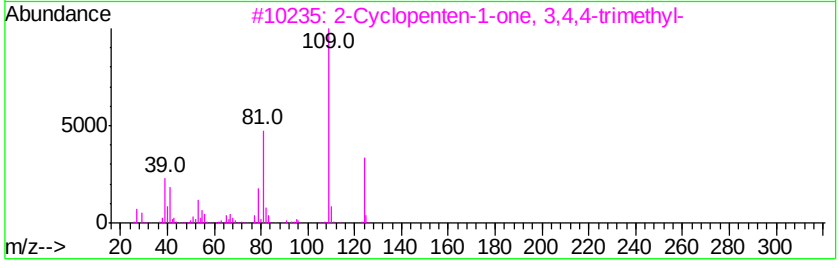


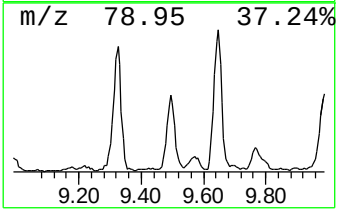












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Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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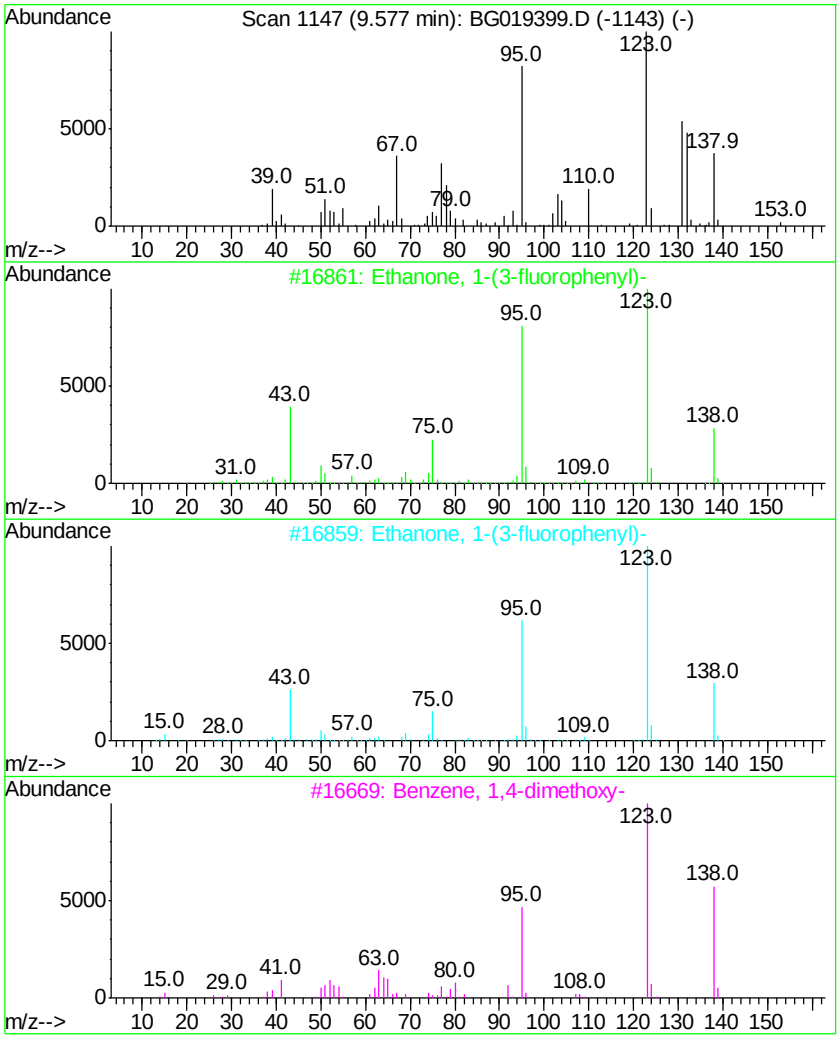
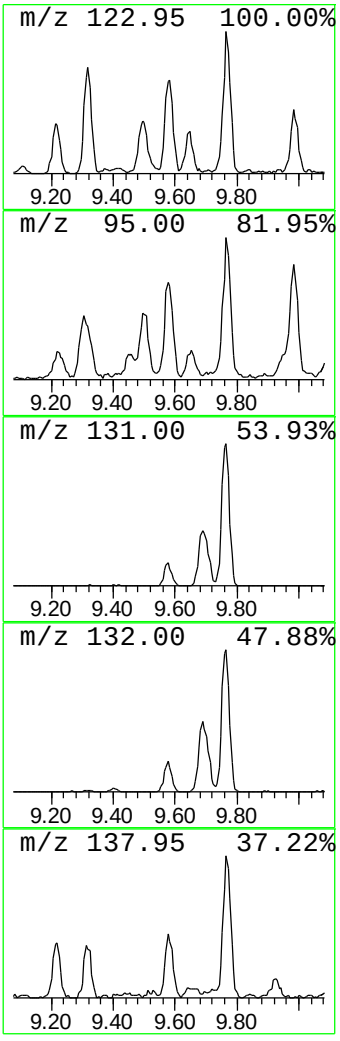
Peak Number 13 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	19.38 ng/ul	396288	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	43
2	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	43
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	43
4	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	30
5	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	27





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Quant Title : SVOA CALIBRATION

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

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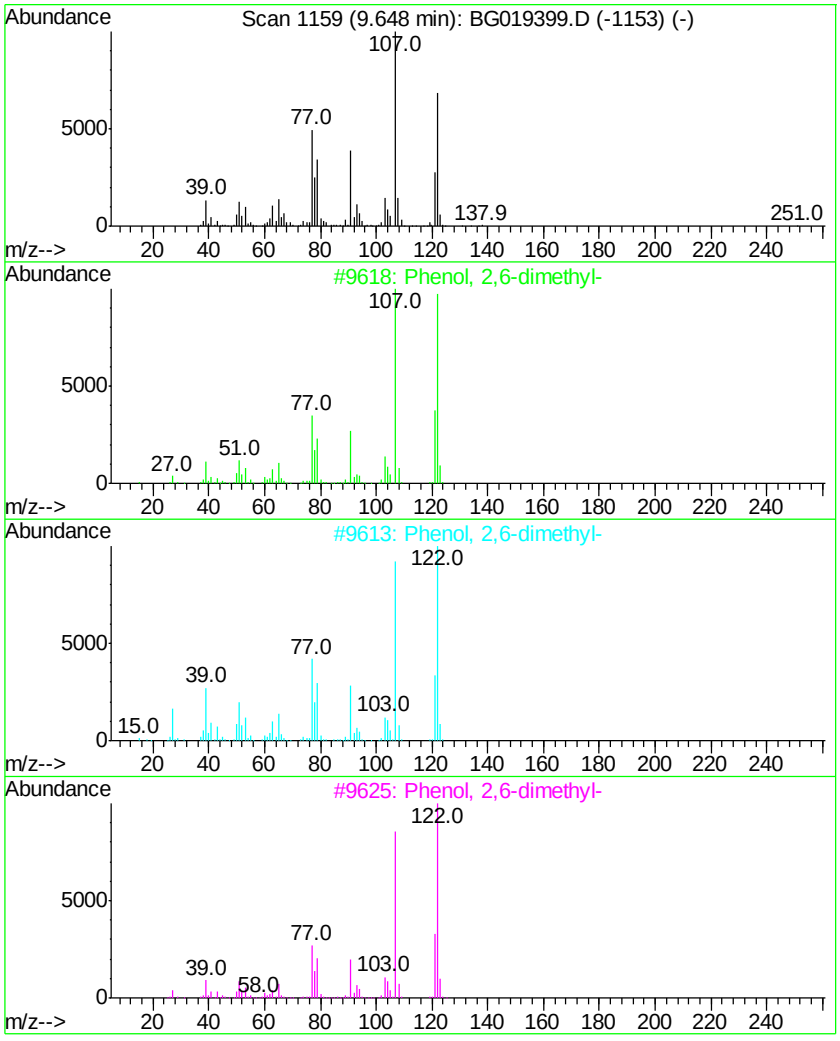
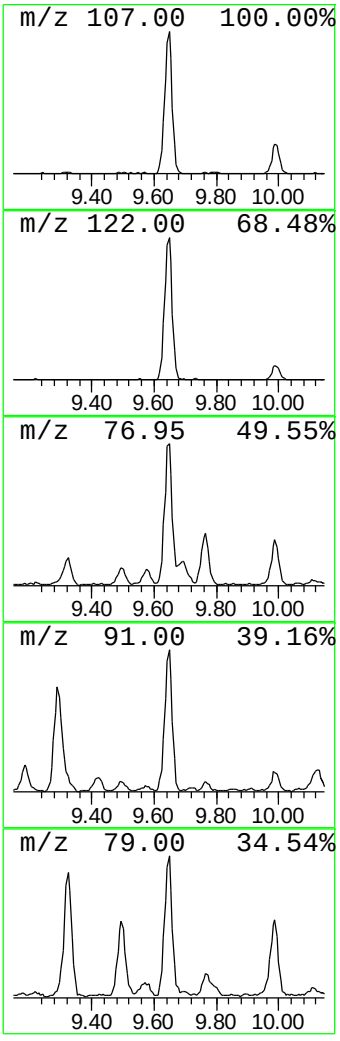
Peak Number 14 Phenol, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	114.48 ng/ul	1592210	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93





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Misc :
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Quant Title : SVOA CALIBRATION

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

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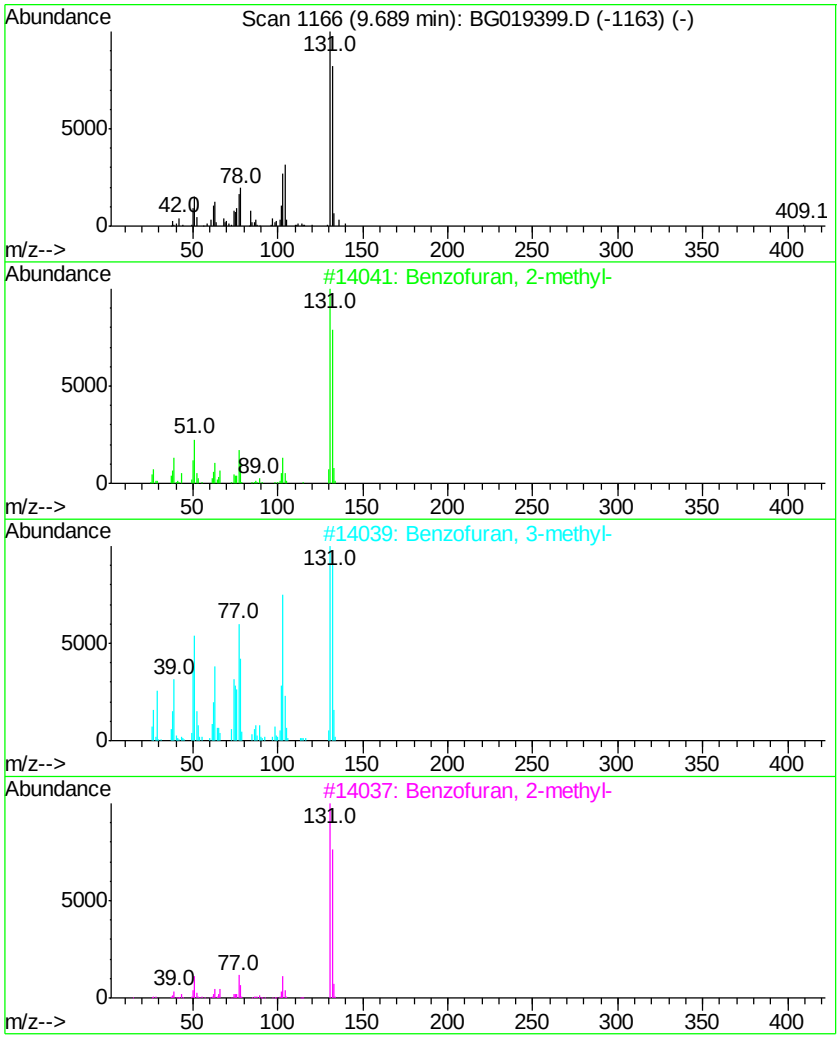
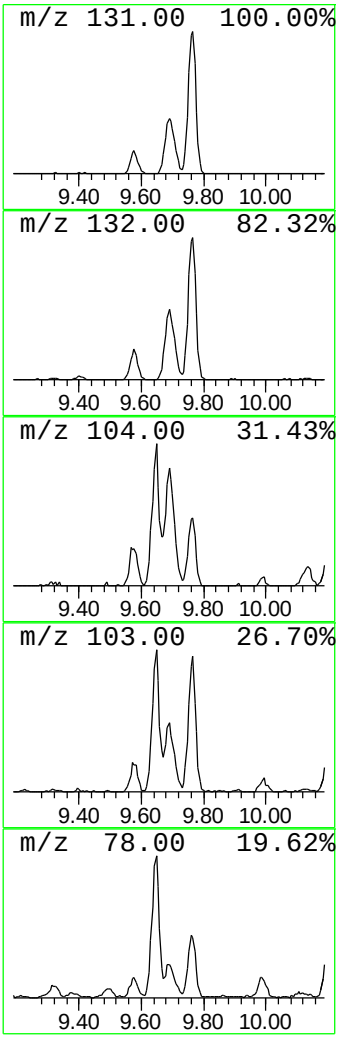
Peak Number 15 Benzofuran, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	26.25 ng/ul	365070	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	76
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	74
4	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	59
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	58





Library Search Compound Report

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Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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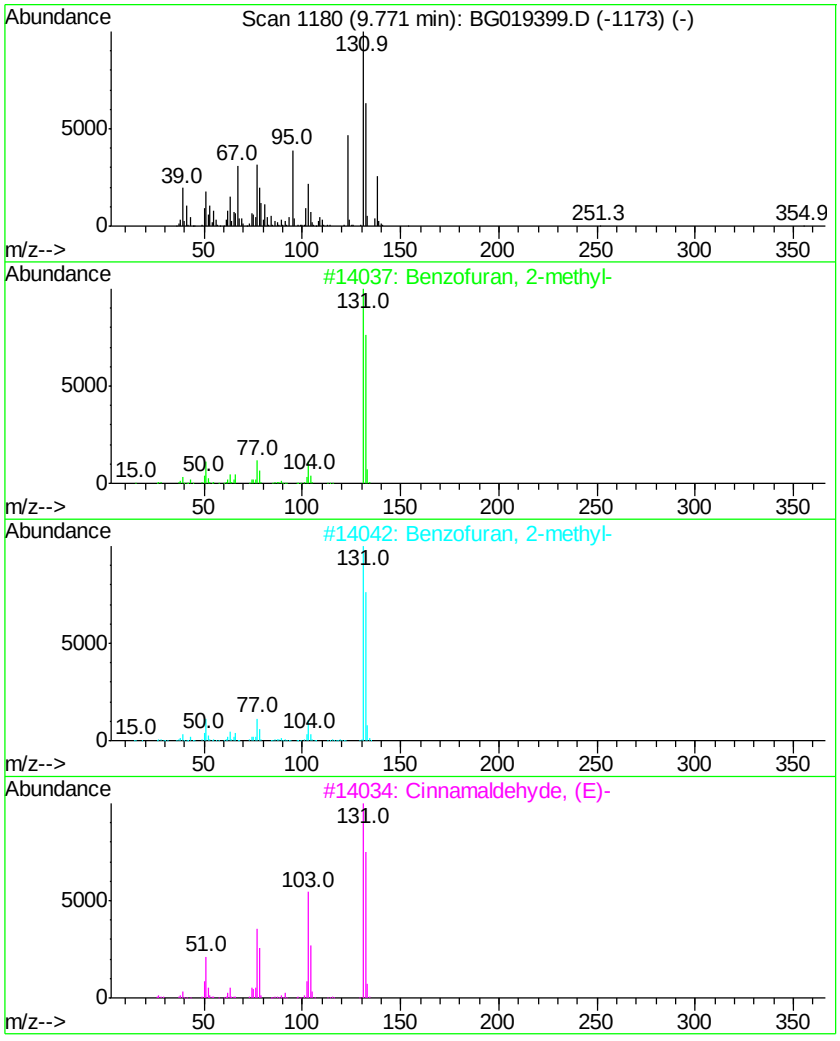
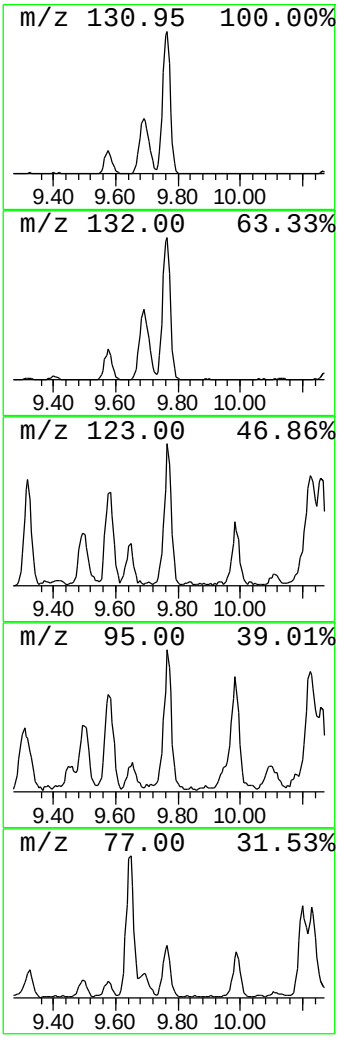
Peak Number 16 Cinnamaldehyde, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	69.71 ng/ul	969618	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	78
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	78
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	55
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	53
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	50





Library Search Compound Report

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Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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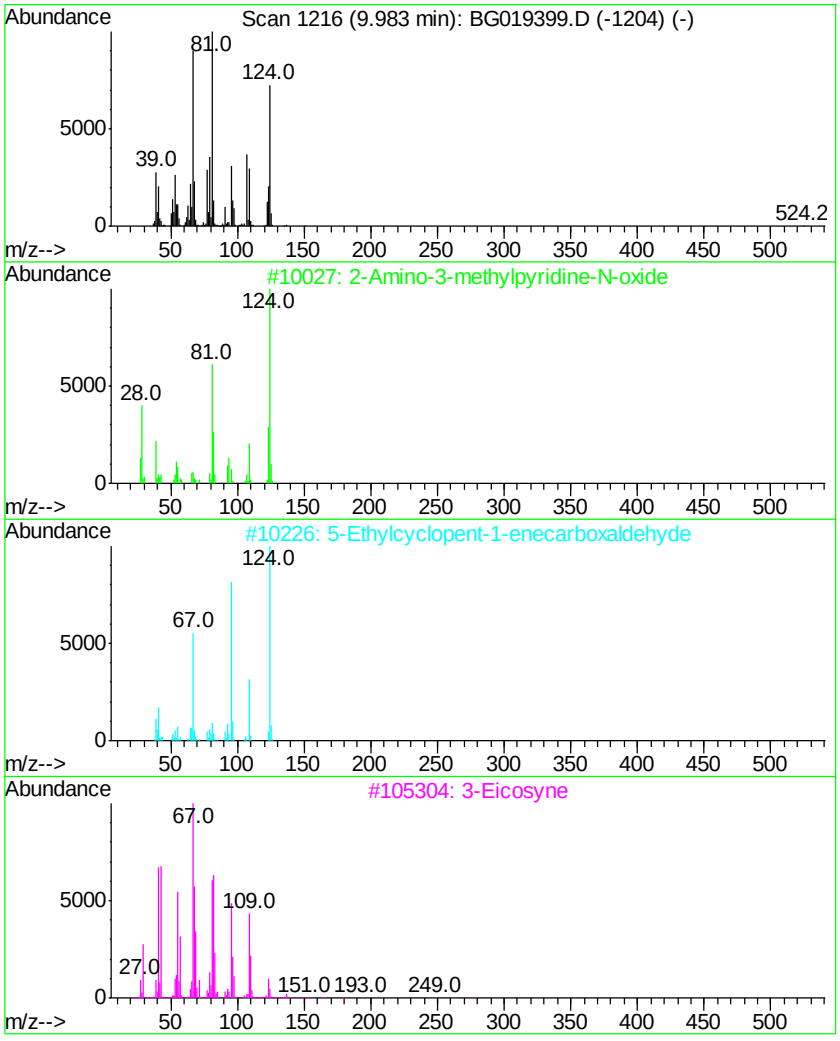
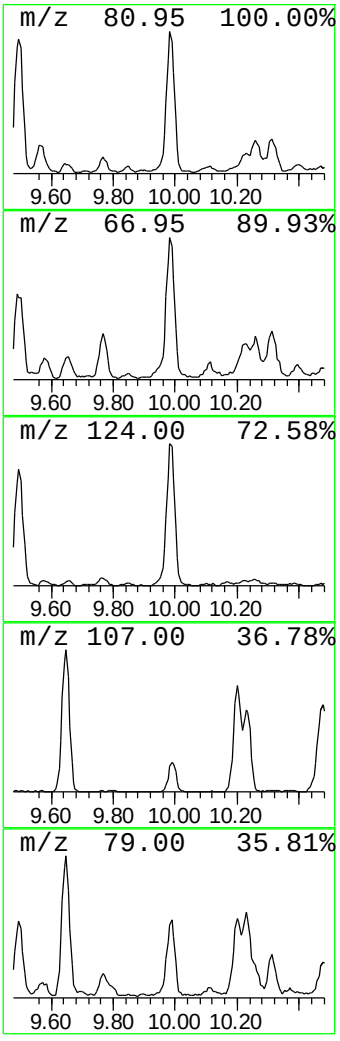
Peak Number 17 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	82.95 ng/ul	1153780	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-3-methylpyridine-N-oxide	124	C6H8N2O	053669-61-7	46
2	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	45
3	3-Eicosyne	278	C20H38	061886-66-6	35
4	4-Decyne	138	C10H18	002384-86-3	27
5	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	25





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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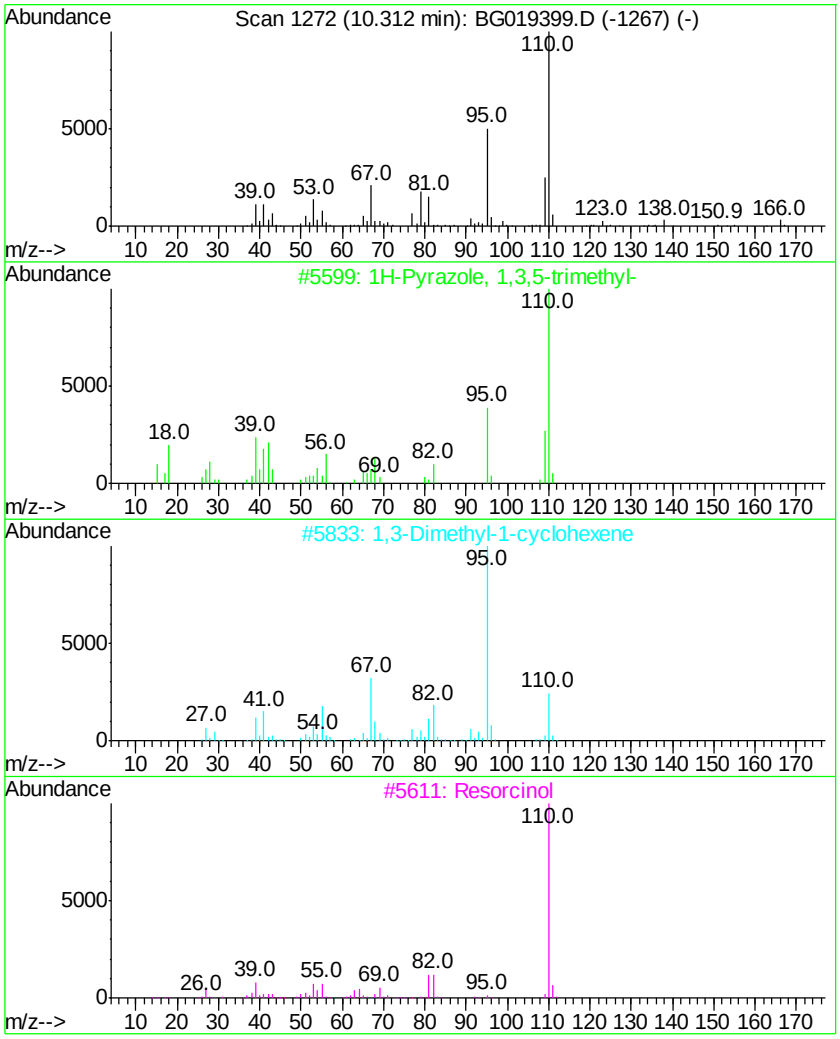
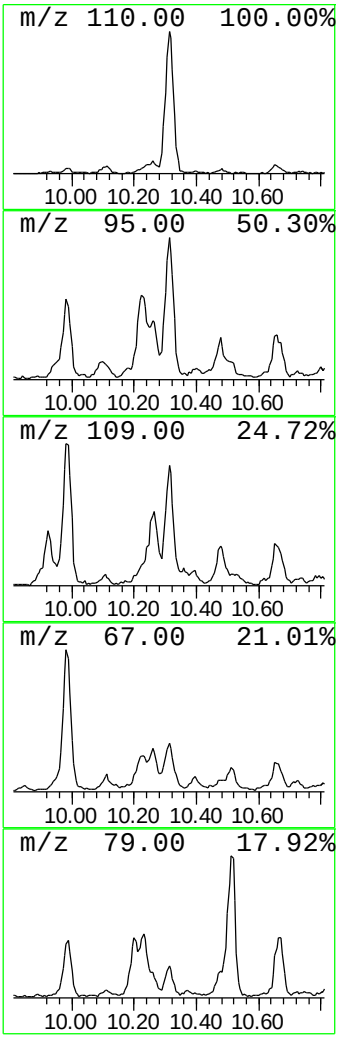
Peak Number 18 1H-Pyrazole, 1,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	48.65 ng/ul	676701	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	59
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	45
3	Resorcinol	110	C6H6O2	000108-46-3	43
4	Hydroquinone	110	C6H6O2	000123-31-9	43
5	Phenol, 3-ethoxy-	138	C8H10O2	000621-34-1	43





Library Search Compound Report

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Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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

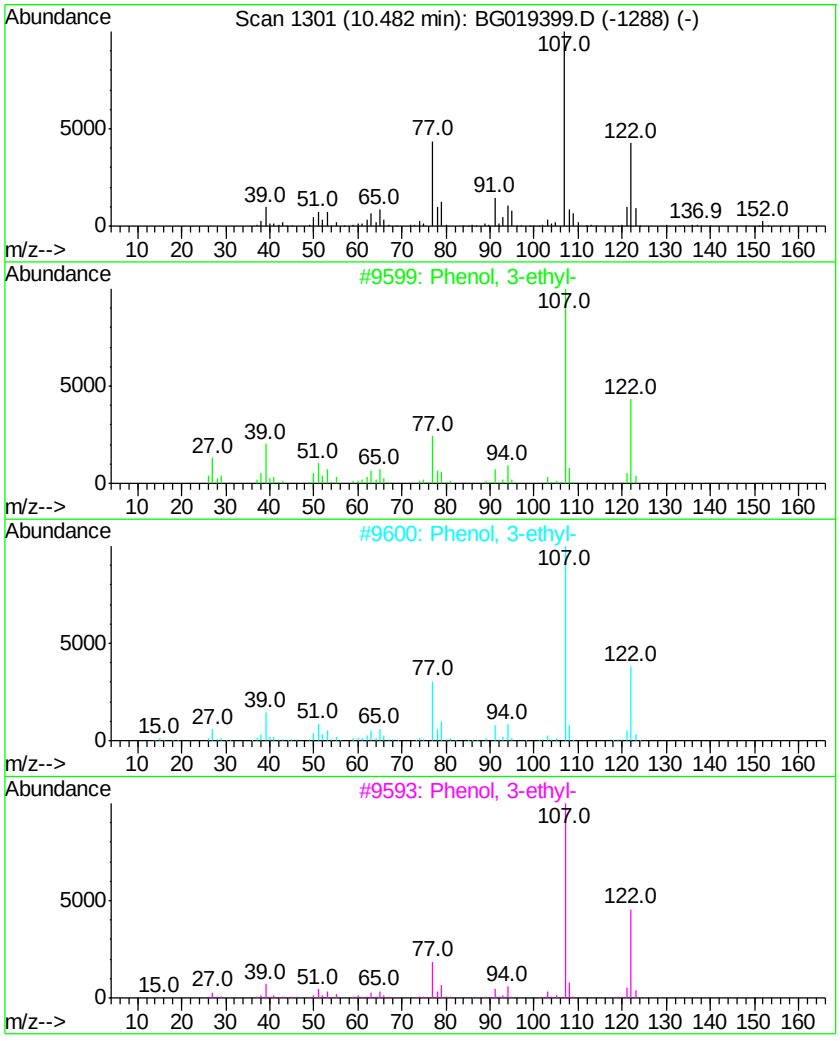
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

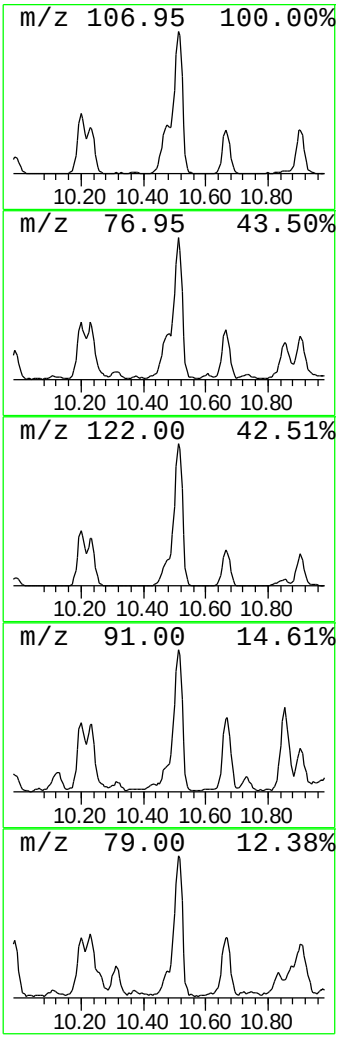
****

Peak Number 19 Phenol, 3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	57.56 ng/ul	800637	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	86
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72





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Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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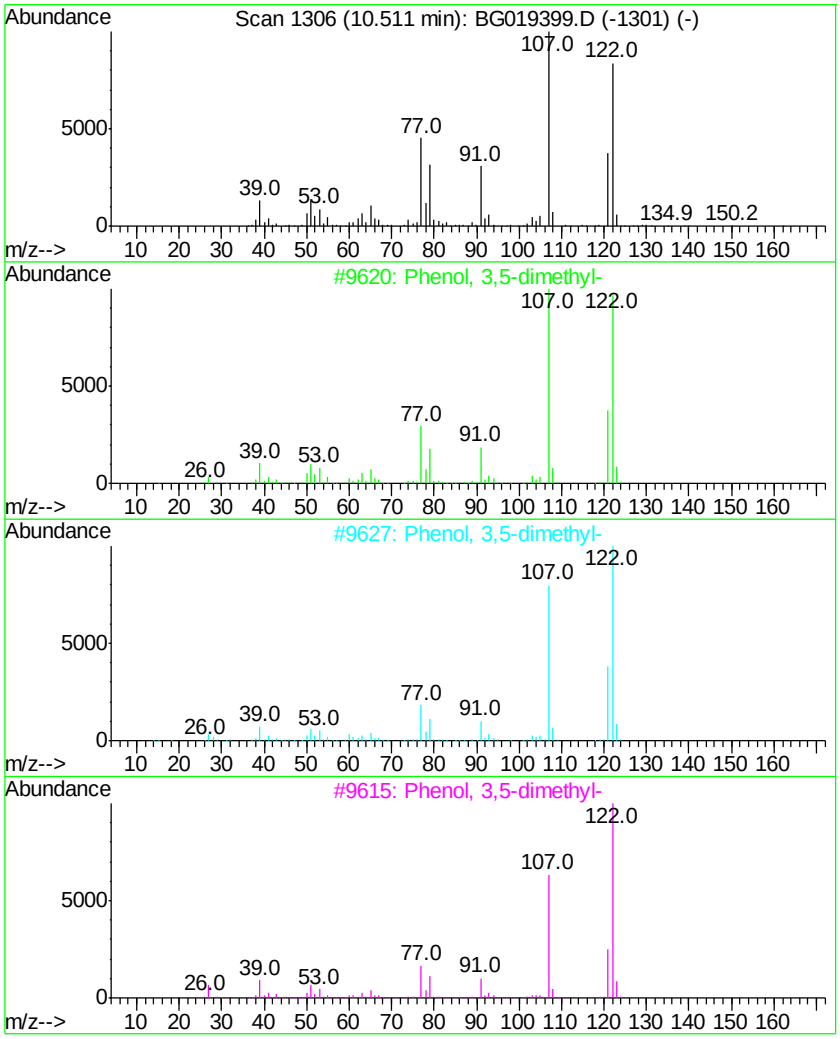
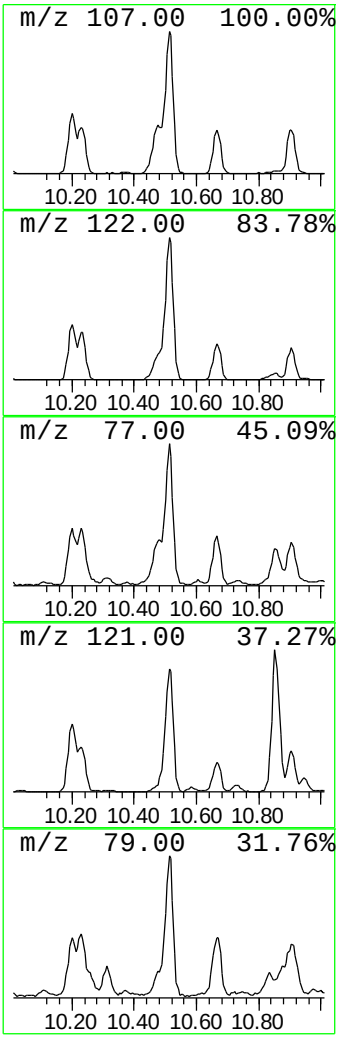
Peak Number 20 Phenol, 3,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	189.54 ng/ul	2636320	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91





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Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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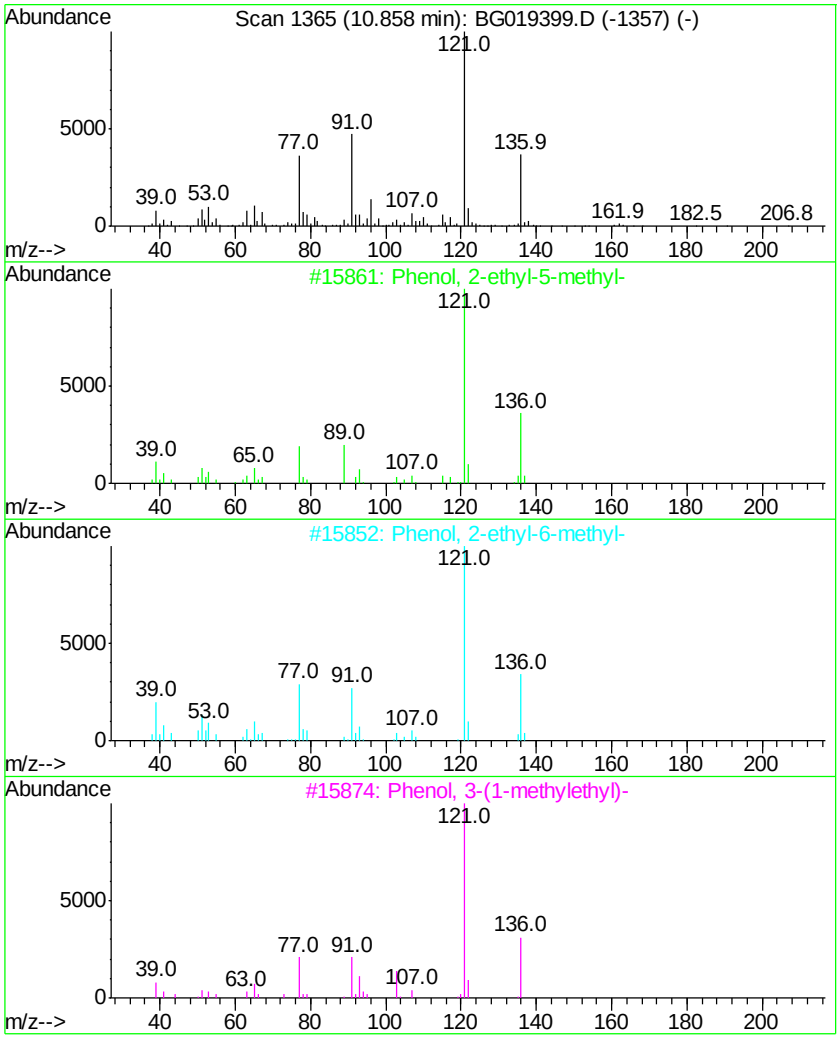
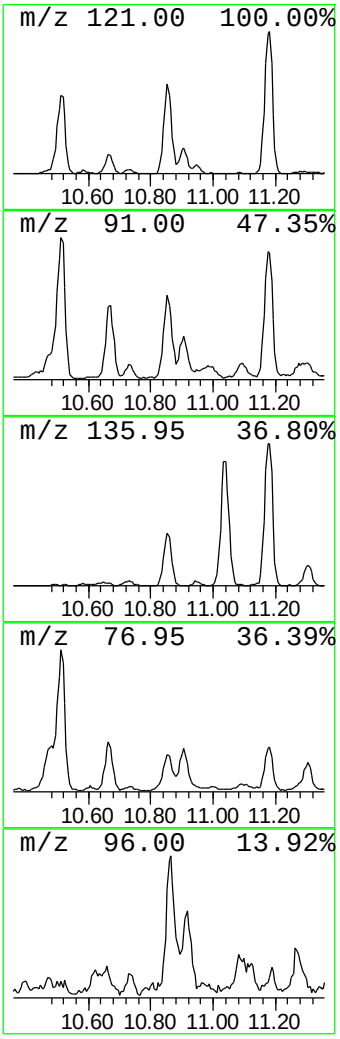
Peak Number 21 Phenol, 2-ethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	68.23 ng/ul	948960	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	81
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72





Library Search Compound Report

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Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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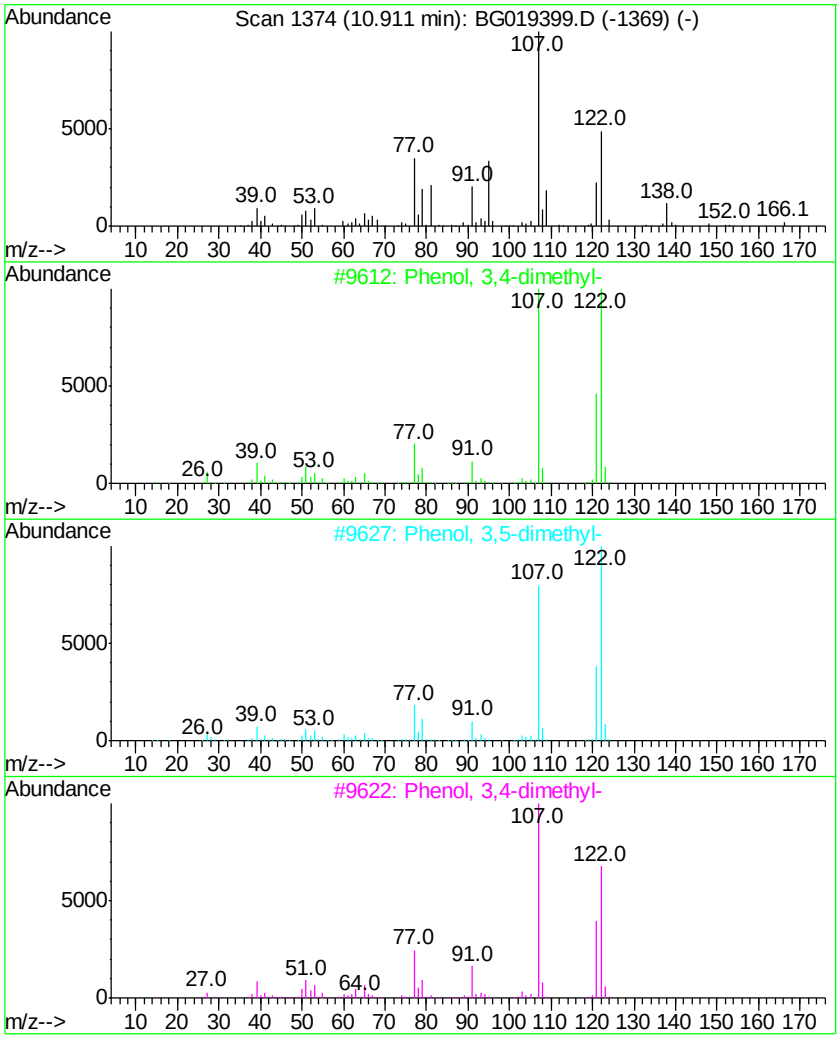
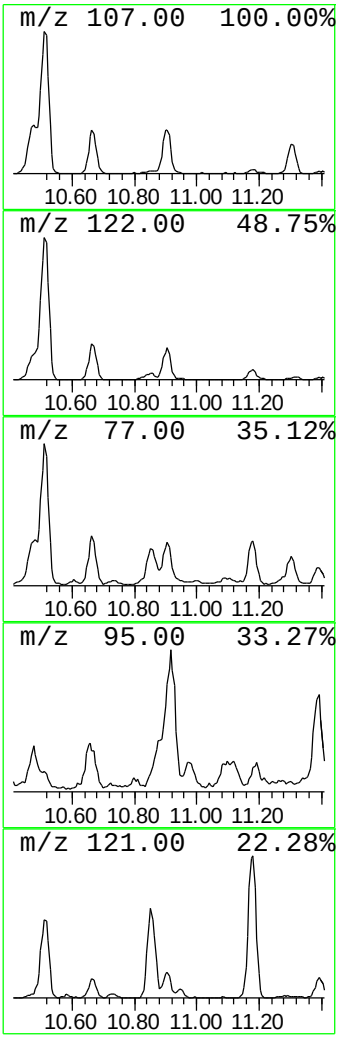
Peak Number 22 Phenol, 3,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	83.95 ng/ul	1167650	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	89
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	76
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	76
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	76





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Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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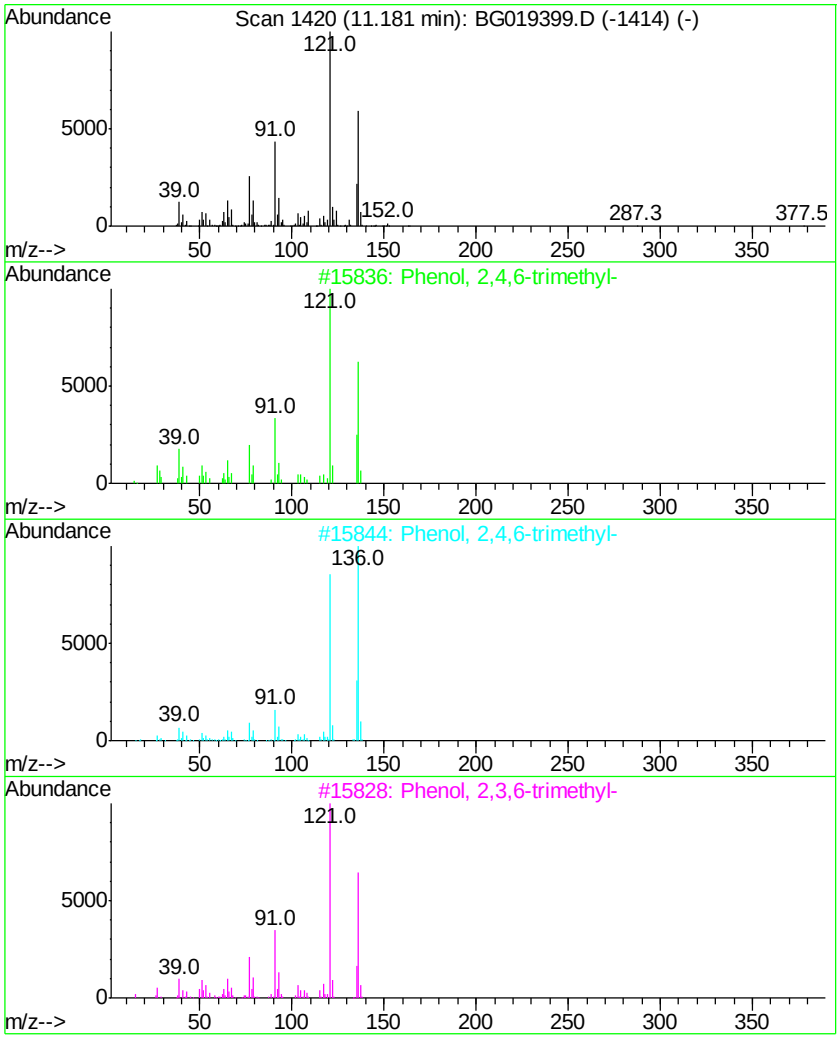
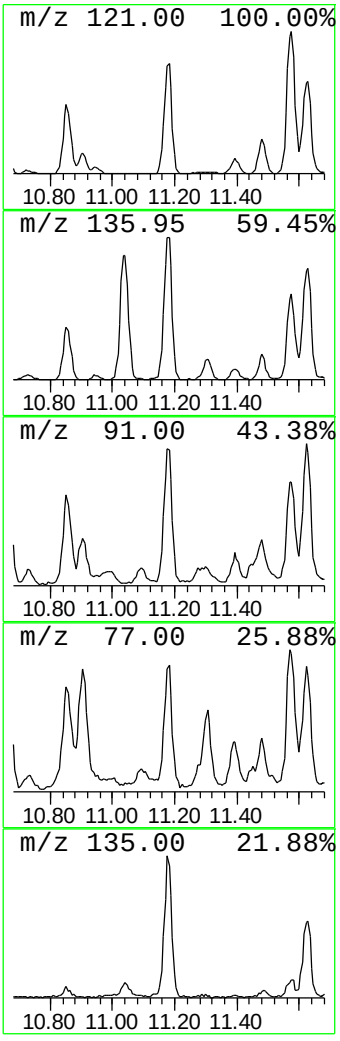
Peak Number 23 Phenol, 2,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	96.24 ng/ul	1338600	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91





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Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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Quant Title : SVOA CALIBRATION

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

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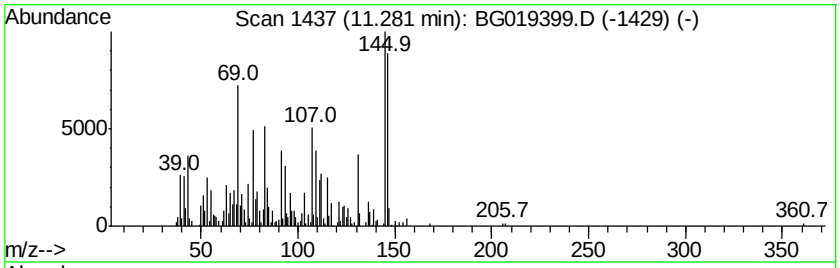
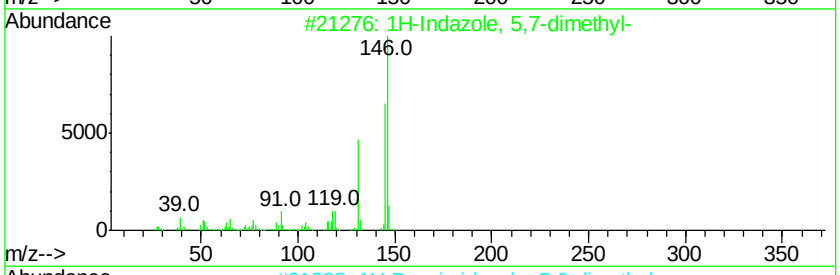
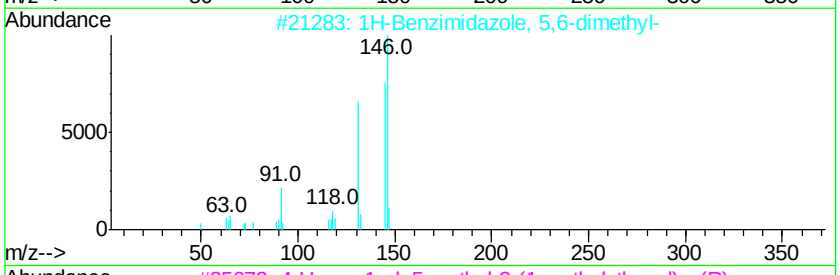
Peak Number 24 unknown-03 Concentration Rank 26

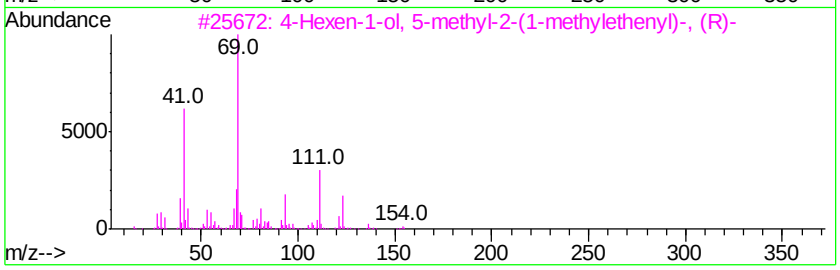
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	28.39 ng/ul	394879	Naphthalene-d8	11.04

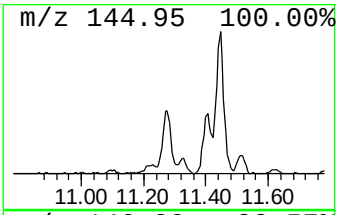
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	25
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	22
3	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	11
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	11
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	11

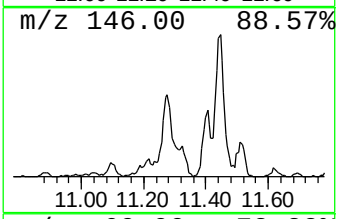


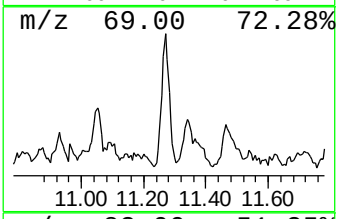


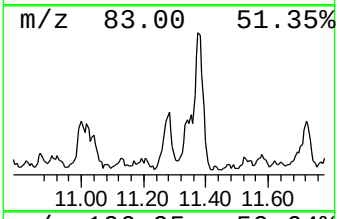


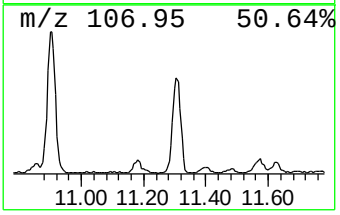












Library Search Compound Report

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Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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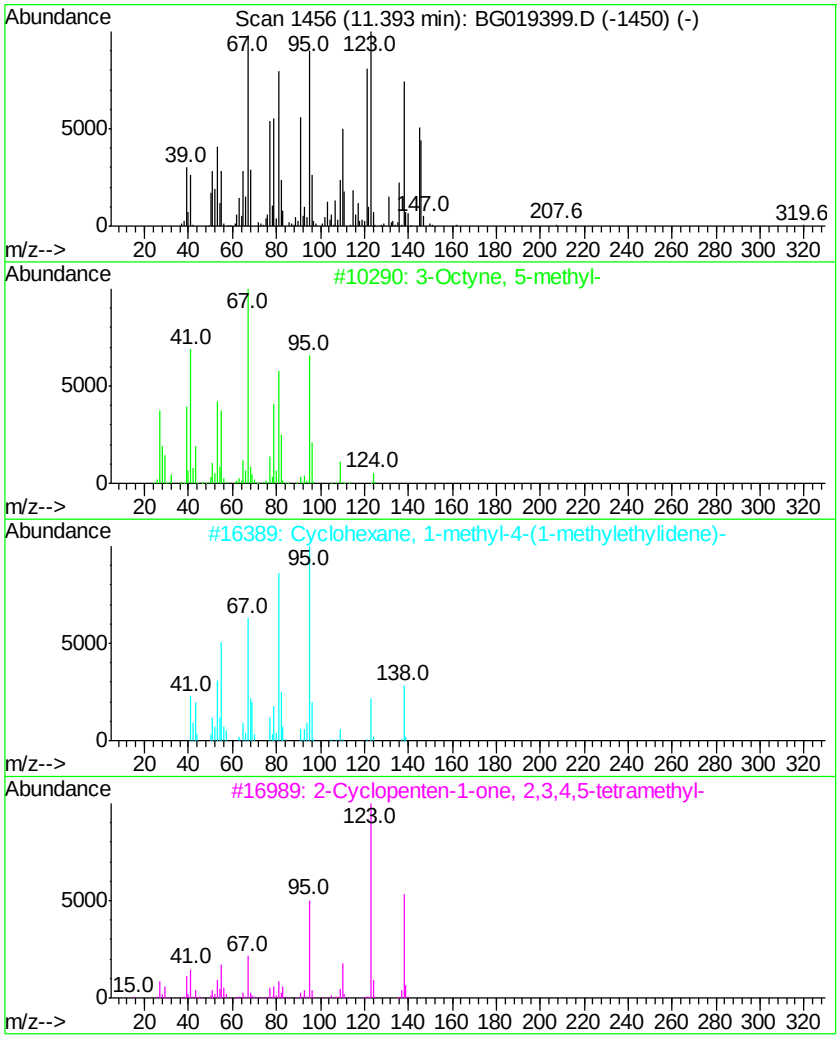
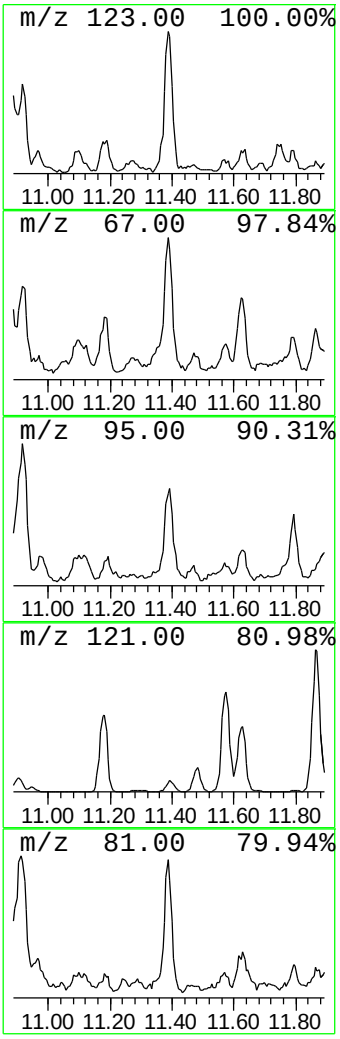
Peak Number 25 3-Octyne, 5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	51.30 ng/ul	713492	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	86
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	76
3	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	76
4	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	68
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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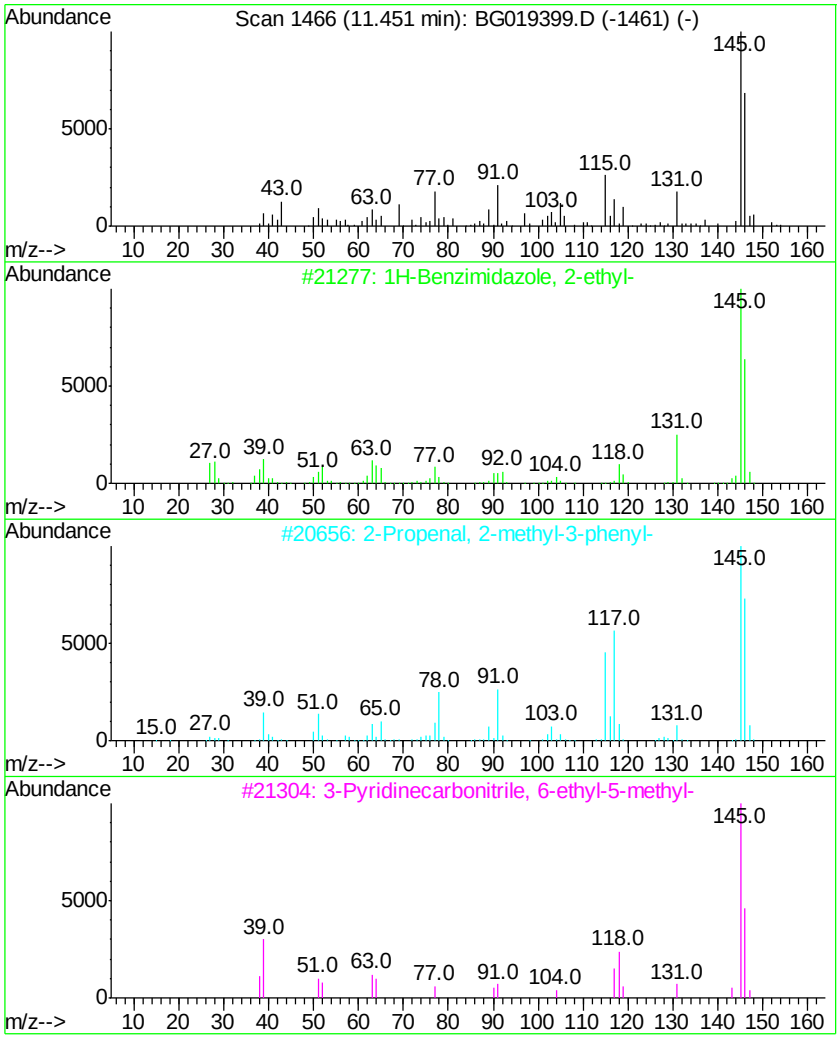
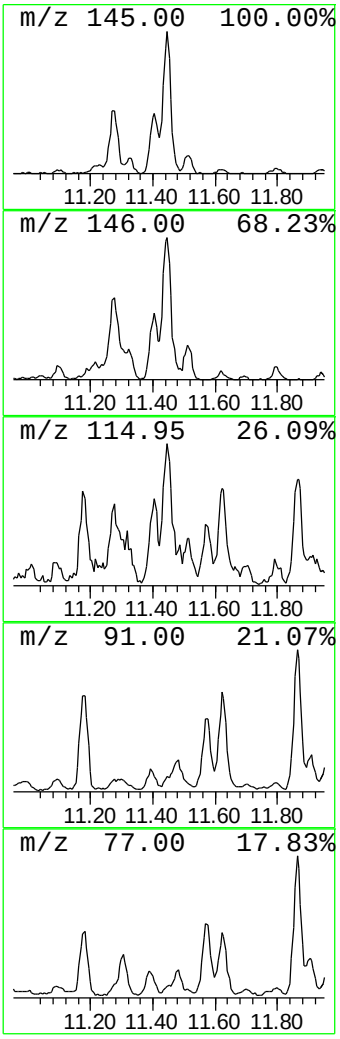
Peak Number 26 1H-Benzimidazole, 2-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	17.15 ng/ul	238525	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
3	3-Pyridinecarbonitrile, 6-ethyl-...	146	C9H10N2	110253-41-3	53
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	46
5	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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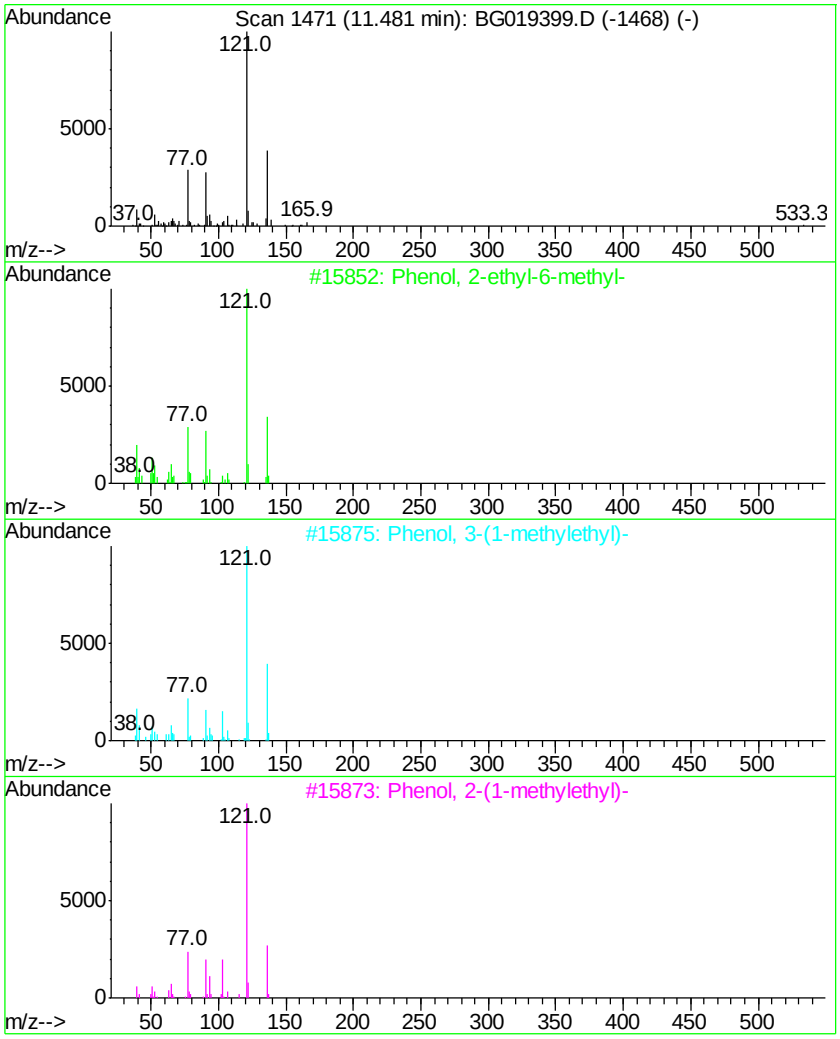
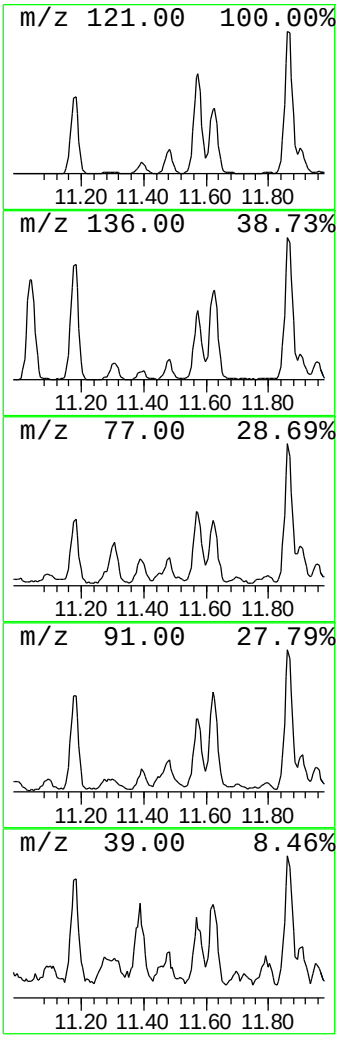
Peak Number 27 Phenol, 2-ethyl-6-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	13.15 ng/ul	182927	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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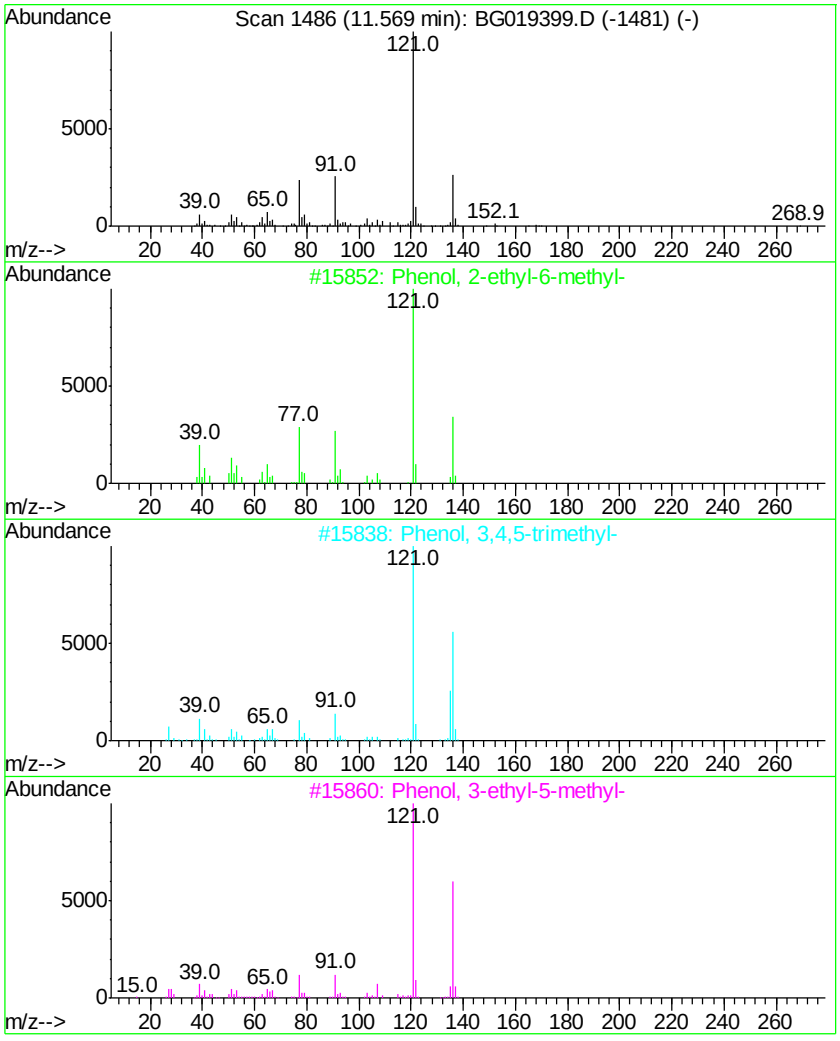
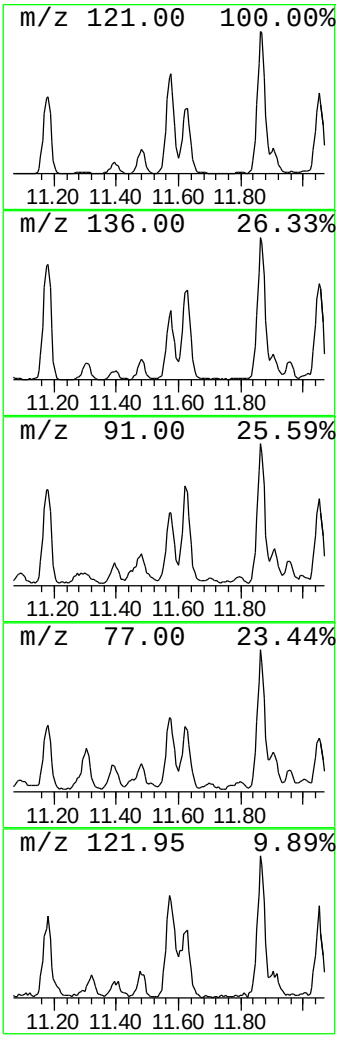
Peak Number 28 Phenol, 3,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	73.31 ng/ul	1019640	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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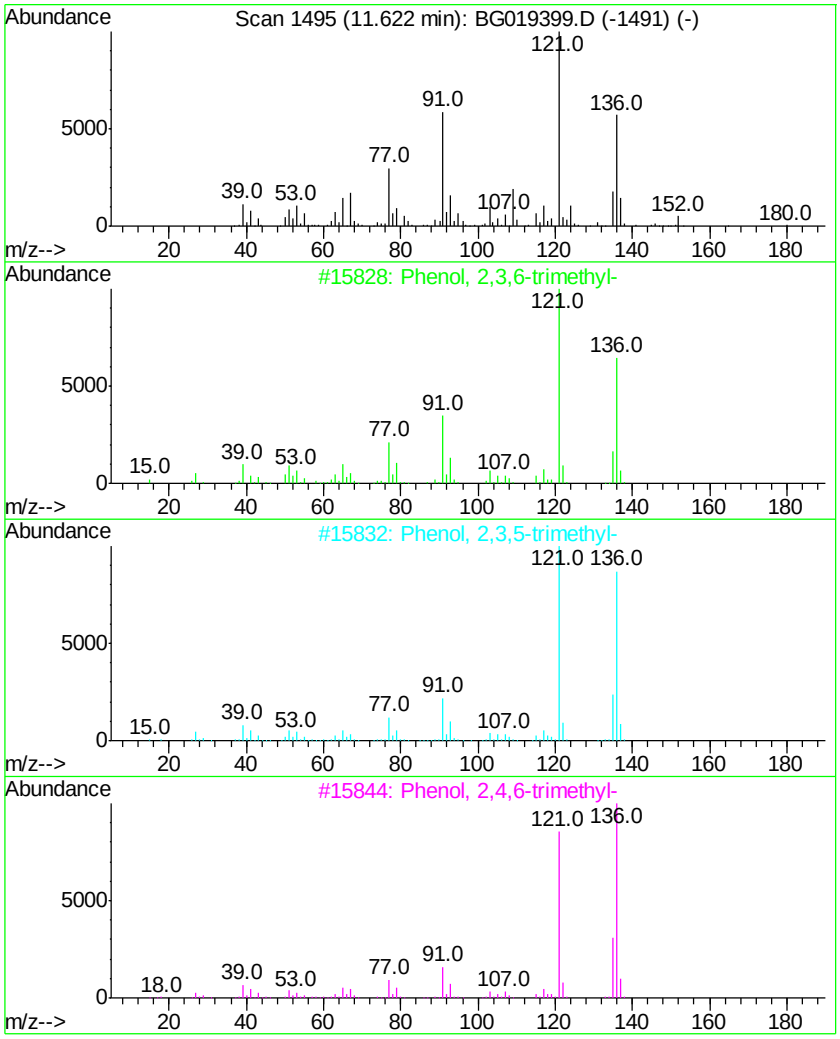
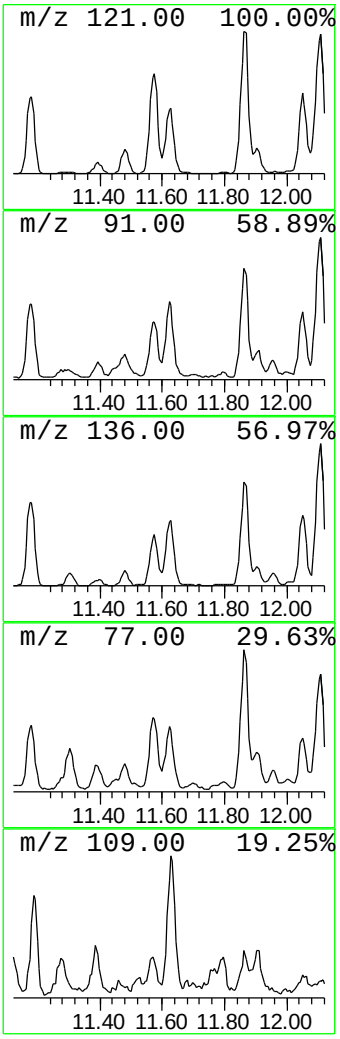
Peak Number 29 Phenol, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	90.32 ng/ul	1256220	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	89
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	81
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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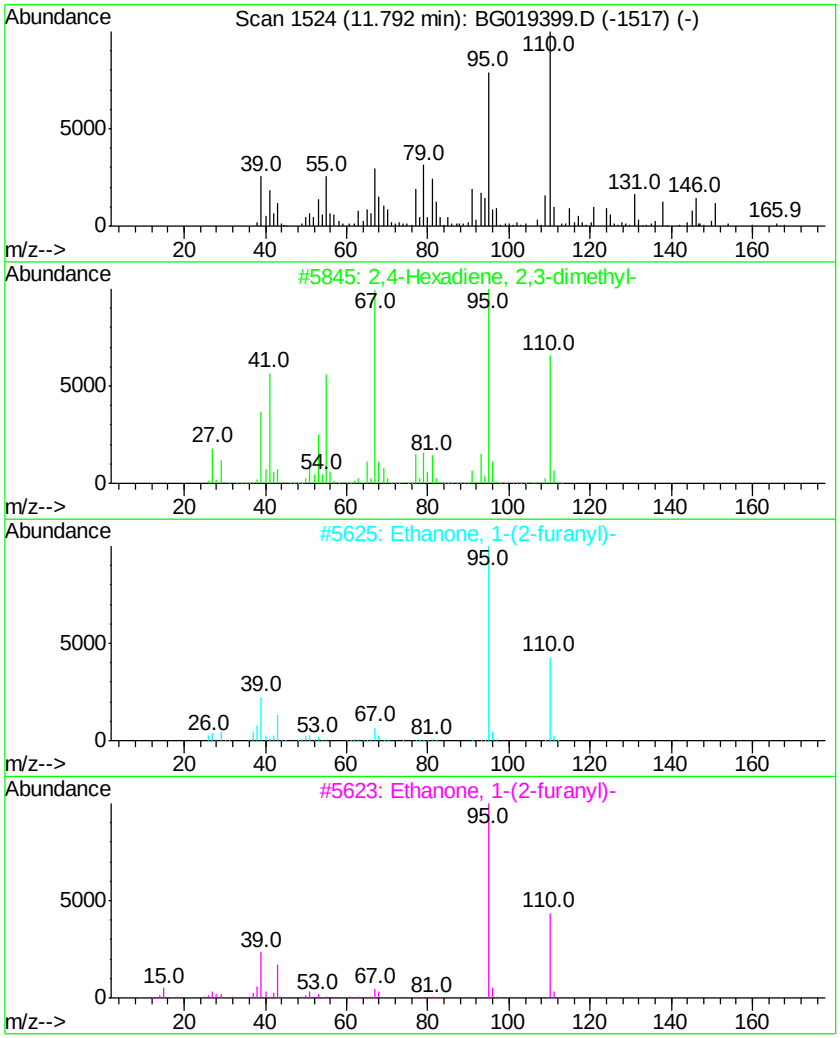
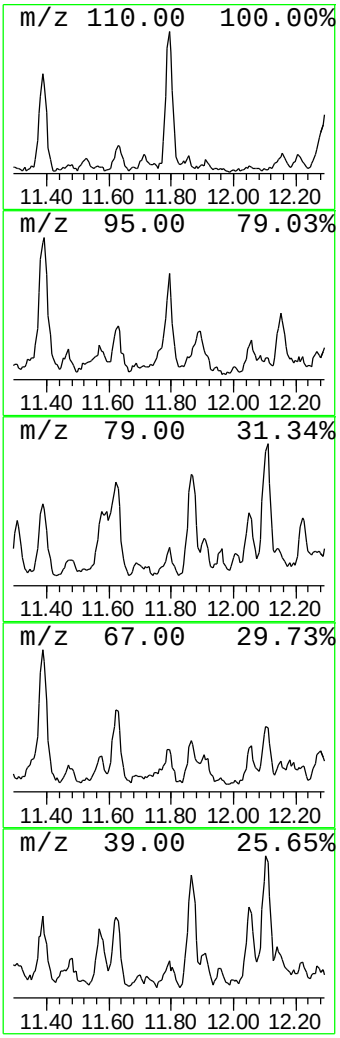
Peak Number 30 2,4-Hexadiene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	21.76 ng/ul	302724	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	58
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	58
3	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	58
4	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	58
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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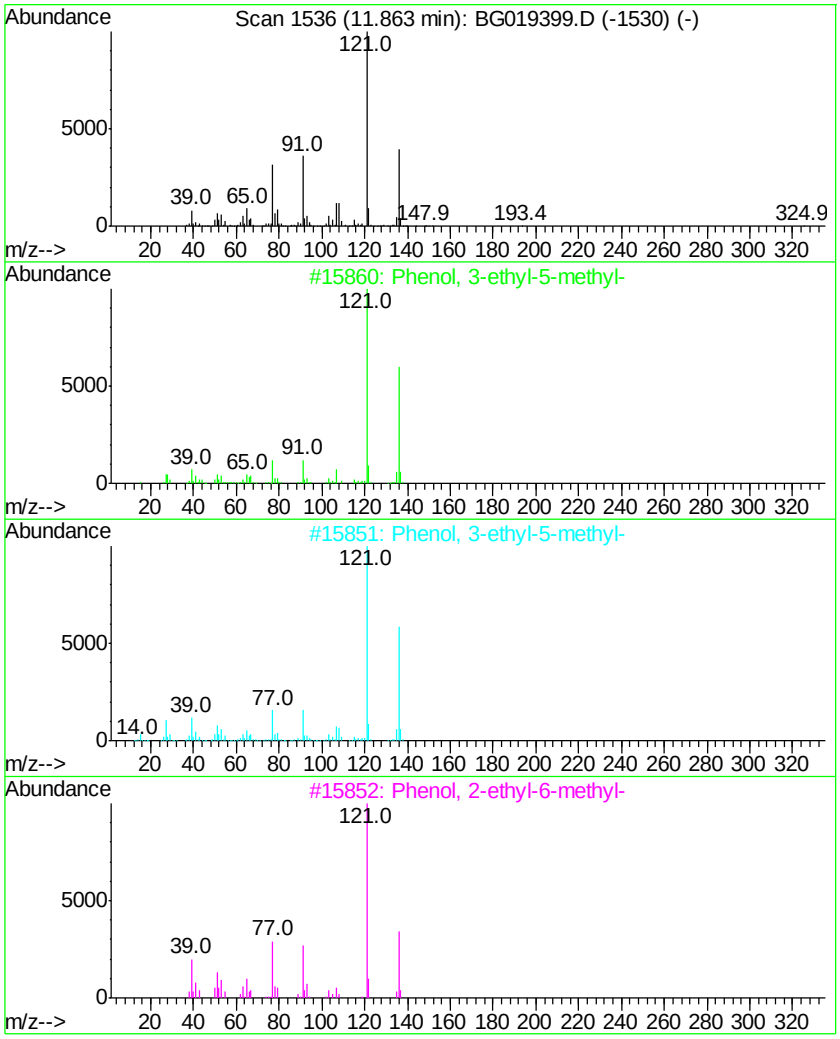
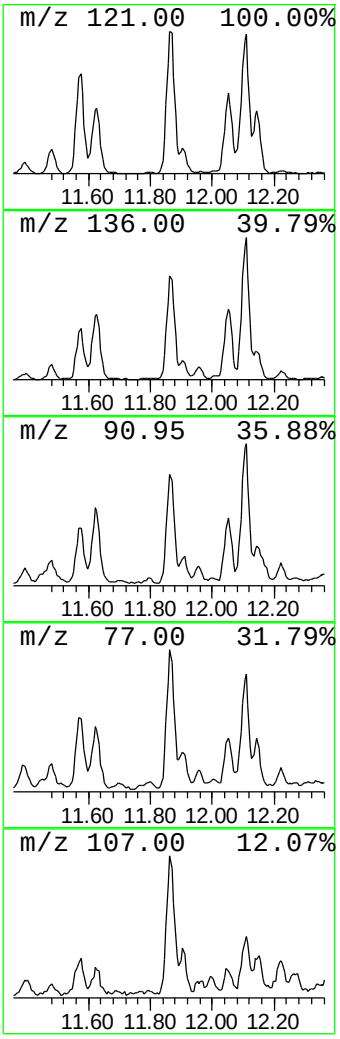
Peak Number 31 Phenol, 3-ethyl-5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	136.18 ng/ul	1894130	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	83
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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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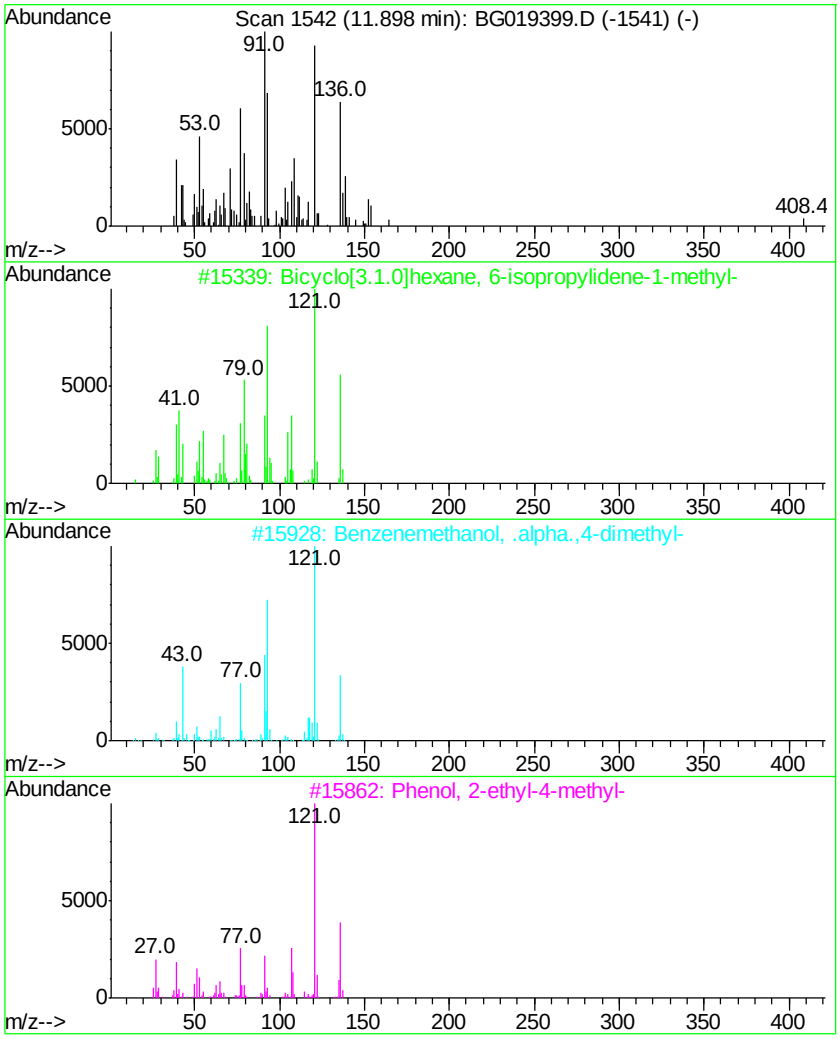
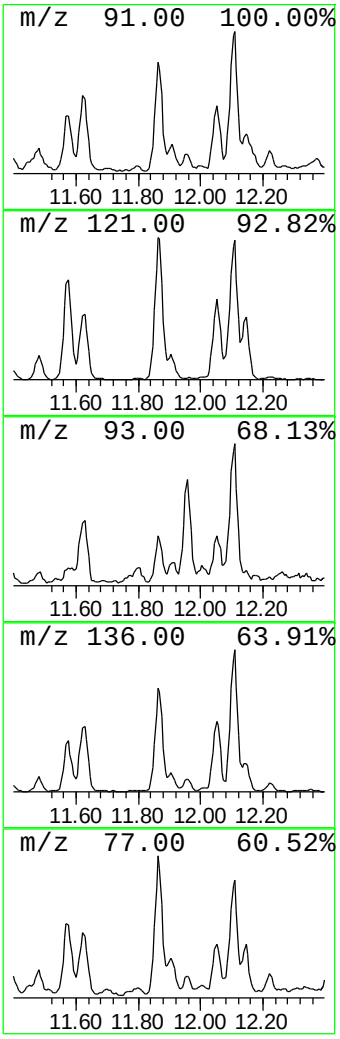
Peak Number 32 Bicyclo[3.1.0]hexane, 6-iso... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	24.47 ng/ul	340316	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 6-isopropy...	136	C10H16	024524-57-0	52
2	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	50
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	47
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	47
5	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LT6

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	16.1	ng/ul	329537	1	8.20	408893	20.0
Cyclopentanone, 2...	6.91	13.4	ng/ul	272979	1	8.20	408893	20.0
(DEL) Alkane: Cyc...	7.60	10.5	ng/ul	214932	1	8.20	408893	20.0
(DEL) Alkane: Cyc...	7.93	13.4	ng/ul	273905	1	8.20	408893	20.0
Cyclohexanone, 4-...	8.01	11.0	ng/ul	225653	1	8.20	408893	20.0
2-Cyclopenten-1-o...	8.48	61.9	ng/ul	1264860	1	8.20	408893	20.0
2-Hexenal, (E)-	8.60	13.4	ng/ul	274496	1	8.20	408893	20.0
Indene	8.75	8.2	ng/ul	168317	1	8.20	408893	20.0
2-Cyclopenten-1-o...	8.85	70.3	ng/ul	1436680	1	8.20	408893	20.0
(DEL) Alkane: Cyc...	9.18	13.1	ng/ul	268403	1	8.20	408893	20.0
Ethanone, 1-(1-cy...	9.32	75.3	ng/ul	1539390	1	8.20	408893	20.0
Cyclohexane, (1-m...	9.49	45.9	ng/ul	937815	1	8.20	408893	20.0
unknown-01	9.58	19.4	ng/ul	396288	1	8.20	408893	20.0
Phenol, 2,6-dimet...	9.65	114.5	ng/ul	1592210	2	11.04	278176	20.0
Benzofuran, 2-met...	9.69	26.3	ng/ul	365070	2	11.04	278176	20.0
Cinnamaldehyde, (E)-	9.77	69.7	ng/ul	969618	2	11.04	278176	20.0
unknown-02	9.98	83.0	ng/ul	1153780	2	11.04	278176	20.0
1H-Pyrazole, 1,3,...	10.31	48.6	ng/ul	676701	2	11.04	278176	20.0
Phenol, 3-ethyl-	10.48	57.6	ng/ul	800637	2	11.04	278176	20.0
Phenol, 3,5-dimet...	10.51	189.5	ng/ul	2636320	2	11.04	278176	20.0
Phenol, 2-ethyl-5...	10.86	68.2	ng/ul	948960	2	11.04	278176	20.0
Phenol, 3,4-dimet...	10.91	84.0	ng/ul	1167650	2	11.04	278176	20.0
Phenol, 2,4,6-tri...	11.18	96.2	ng/ul	1338600	2	11.04	278176	20.0
unknown-03	11.28	28.4	ng/ul	394879	2	11.04	278176	20.0
3-Octyne, 5-methyl-	11.39	51.3	ng/ul	713492	2	11.04	278176	20.0
1H-Benzimidazole,...	11.45	17.1	ng/ul	238525	2	11.04	278176	20.0
Phenol, 2-ethyl-6...	11.48	13.2	ng/ul	182927	2	11.04	278176	20.0
Phenol, 3,4,5-tri...	11.57	73.3	ng/ul	1019640	2	11.04	278176	20.0
Phenol, 2,3,5-tri...	11.62	90.3	ng/ul	1256220	2	11.04	278176	20.0
2,4-Hexadiene, 2,...	11.79	21.8	ng/ul	302724	2	11.04	278176	20.0
Phenol, 3-ethyl-5...	11.86	136.2	ng/ul	1894130	2	11.04	278176	20.0
Bicyclo[3.1.0]hex...	11.90	24.5	ng/ul	340316	2	11.04	278176	20.0