LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

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-BG101515.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	3.185	54	59	67	rVV	221419	322759	4.03%	0.389%
2	4.195	224	231	242	rVB	113608	182178	2.27%	0.220%
3	5.517	447	456	463	rBV	121599	193021	2.41%	0.233%
4	5.647	471	478	488	rBV	191606	424500	5.29%	0.512%
5	6.017	537	541	549	rVV	192716	369600	4.61%	0.446%
6	6.745	656	665	676	rVB2	151444	356774	4.45%	0.430%
7	7.092	713	724	730	rVB2	165160	377247	4.71%	0.455%
8	7.239	739	749	758	rVB2	619543	1225722	15.29%	1.478%
9	7.656	816	820	827	rVV	264994	477463	5.96%	0.576%
10	7.738	828	834	842	rVV2	204201	458865	5.72%	0.553%
11	8.014	872	881	892	rBV4	80921	234516	2.93%	0.283%
12	8.126	894	900	907	rVV3	110455	225196	2.81%	0.272%
13	8.390	929	945	954	rVV3	328047	924047	11.53%	1.114%
14	8.496	954	963	968	rVV	1608971	3061047	38.18%	3.691%
15	8.549	968	972	980	rVB2	162088	294162	3.67%	0.355%
16	8.649	980	989	995	rBV2	123771	232970	2.91%	0.281%
17	8.860	1010	1025	1035	rVB	2791249	8017563	100.00%	9.667%
18	9.107	1057	1067	1074	rBV5	170866	440091	5.49%	0.531%
19	9.189	1075	1081	1086	rBV4	234098	481208	6.00%	0.580%
20	9.231	1086	1088	1093	rVB2	144300	192901	2.41%	0.233%
21	9.366	1105	1111	1119	rBV3	263337	599615	7.48%	0.723%
22	9.460	1119	1127	1139	rBV2	742709	1770868	22.09%	2.135%
23	9.565	1139	1145	1150	rVB	501813	806231	10.06%	0.972%
24	9.806	1181	1186	1192	rVB	359402	592237	7.39%	0.714%
25	9.865	1192	1196	1201	rBV2	139842	257664	3.21%	0.311%
26	10.030	1215	1224	1226	rBV	1052546	2258064	28.16%	2.722%
27	10.065	1226	1230	1235	rVB	1379609	2291651	28.58%	2.763%
28	10.224	1250	1257	1263	rBV6	243656	654893	8.17%	0.790%
29	10.323	1263	1274	1277	rVV	1429114	4054008	50.56%	4.888%
30	10.359	1277	1280	1284	rVB	1273860	1806704	22.53%	2.178%
31	10.394	1284	1286	1293	rVB4	111078	176849	2.21%	0.213%
32	10.494	1293	1303	1309	rBV2	549221	1361664	16.98%	1.642%
33	10.553	1309	1313	1322	rVB4	102953	215577	2.69%	0.260%
34	10.664	1326	1332	1337	rBV	316241	607916	7.58%	0.733%

LSC Area Percent Report

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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

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-BG101515.M
Title : SVOA CALIBRATION

35	10.729	1337	1343	1348	rBV2	525911	930003	11.60%	1.121%
36	10.782	1348	1352	1358	rVB3	154353	228198	2.85%	0.275%
37	10.876	1363	1368	1374	rVB	281949	495064	6.17%	0.597%
38	10.987	1381	1387	1394	rBV	383401	714002	8.91%	0.861%
39	11.070	1396	1401	1406	rBV2	216874	462261	5.77%	0.557%
40	11.205	1416	1424	1426	rBV2	466322	899050	11.21%	1.084%
41	11.234	1426	1429	1435	rVV	500090	921183	11.49%	1.111%
42	11.299	1435	1440	1446	rVB3	313645	594471	7.41%	0.717%
43	11.381	1446	1454	1458	rBV	452075	865622	10.80%	1.044%
44	11.422	1458	1461	1464	rVV2	210485	340729	4.25%	0.411%
45	11.457	1464	1467	1473	rVB	260953	425394	5.31%	0.513%
46	11.598	1484	1491	1496	rBV4	102237	250936	3.13%	0.303%
47	11.692	1497	1507	1512	rBV2	1485132	3166429	39.49%	3.818%
48	11.869	1531	1537	1541	rBV2	370799	649507	8.10%	0.783%
49	11.922	1541	1546	1551	rVV	540772	916850	11.44%	1.105%
50	11.969	1551	1554	1559	rVV3	192481	324880	4.05%	0.392%
51	12.033	1561	1565	1571	rVB2	213870	361597	4.51%	0.436%
52	12.227	1590	1598	1604	rVB4	487181	839593	10.47%	1.012%
53	12.368	1614	1622	1624	rBV2	115057	280428	3.50%	0.338%
54	12.480	1636	1641	1645	rVB	345381	508879	6.35%	0.614%
55	12.533	1645	1650	1654	rBV3	375600	682075	8.51%	0.822%
56	12.632	1664	1667	1674	rVB4	159767	358969	4.48%	0.433%
57	12.703	1674	1679	1684	rVB2	321362	539547	6.73%	0.651%
58	12.803	1688	1696	1703	rBV4	123668	295949	3.69%	0.357%
59	12.885	1703	1710	1714	rBV3	225790	584316	7.29%	0.704%
60	12.932	1714	1718	1727	rVB6	216662	492602	6.14%	0.594%
61	13.014	1727	1732	1736	rBV3	378086	647403	8.07%	0.781%
62	13.061	1736	1740	1748	rVB5	317299	687796	8.58%	0.829%
63	13.155	1748	1756	1761	rBV4	276652	621614	7.75%	0.749%
64	13.373	1782	1793	1801	rBV6	275588	737796	9.20%	0.890%
65	13.461	1802	1808	1814	rVB3	459853	764651	9.54%	0.922%
66	13.802	1861	1866	1869	rBV4	254015	416335	5.19%	0.502%
67	14.154	1921	1926	1930	rBV4	321750	572492	7.14%	0.690%
68	14.213	1930	1936	1944	rVB2	696068	1584898	19.77%	1.911%
69	14.342	1955	1958	1967	rVB2	186065	357601	4.46%	0.431%
70	14.460	1973	1978	1985	rBV4	169027	369280	4.61%	0.445%
71	14.530	1985	1990	1995	rVV	508114	726285	9.06%	0.876%

LSC Area Percent Report

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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

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-BG101515.M
Title : SVOA CALIBRATION

72	14.654	2007	2011	2015	rVB3	128388	207528	2.59%	0.250%
73	15.041	2073	2077	2082	rVV2	188474	290785	3.63%	0.351%
74	15.135	2085	2093	2100	rVB	1096792	2211429	27.58%	2.666%
75	15.417	2137	2141	2147	rVB3	212805	332291	4.14%	0.401%
76	15.482	2147	2152	2156	rBV	447476	592976	7.40%	0.715%
77	15.600	2165	2172	2175	rBV5	101697	262517	3.27%	0.317%
78	15.641	2175	2179	2183	rVV	229681	353553	4.41%	0.426%
79	15.688	2183	2187	2196	rVV4	116894	261115	3.26%	0.315%
80	16.287	2286	2289	2294	rVV4	153669	274225	3.42%	0.331%
81	16.346	2294	2299	2307	rVB	475084	744700	9.29%	0.898%
82	16.481	2318	2322	2326	rBV4	113994	191219	2.39%	0.231%
83	17.133	2429	2433	2443	rVB	439296	662100	8.26%	0.798%
84	17.309	2458	2463	2468	rBV	375373	545647	6.81%	0.658%
85	17.392	2474	2477	2482	rVB	162736	234196	2.92%	0.282%
86	17.491	2490	2494	2502	rVB	239935	380567	4.75%	0.459%
87	17.603	2506	2513	2524	rVB	3747363	5955931	74.29%	7.181%
88	17.879	2555	2560	2570	rVB3	402263	730405	9.11%	0.881%
89	18.161	2603	2608	2611	rBV	734409	1086786	13.56%	1.310%
90	18.191	2611	2613	2619	rVB	370801	417261	5.20%	0.503%
91	18.567	2673	2677	2684	rBV	310932	393055	4.90%	0.474%
92	19.113	2766	2770	2776	rVB	460423	584938	7.30%	0.705%
93	19.195	2780	2784	2787	rBV	302873	341332	4.26%	0.412%
94	19.742	2874	2877	2879	rBV	176803	204949	2.56%	0.247%
95	19.771	2879	2882	2894	rVB3	433648	850419	10.61%	1.025%
96	20.300	2970	2972	2989	rVB	301794	526932	6.57%	0.635%
97	20.776	3049	3053	3062	rVB3	963161	2399357	29.93%	2.893%
98	21.299	3139	3142	3149	rVB	209334	273059	3.41%	0.329%
99	21.663	3201	3204	3214	rVB	270948	437573	5.46%	0.528%
100	22.480	3339	3343	3354	rVB2	309798	633527	7.90%	0.764%

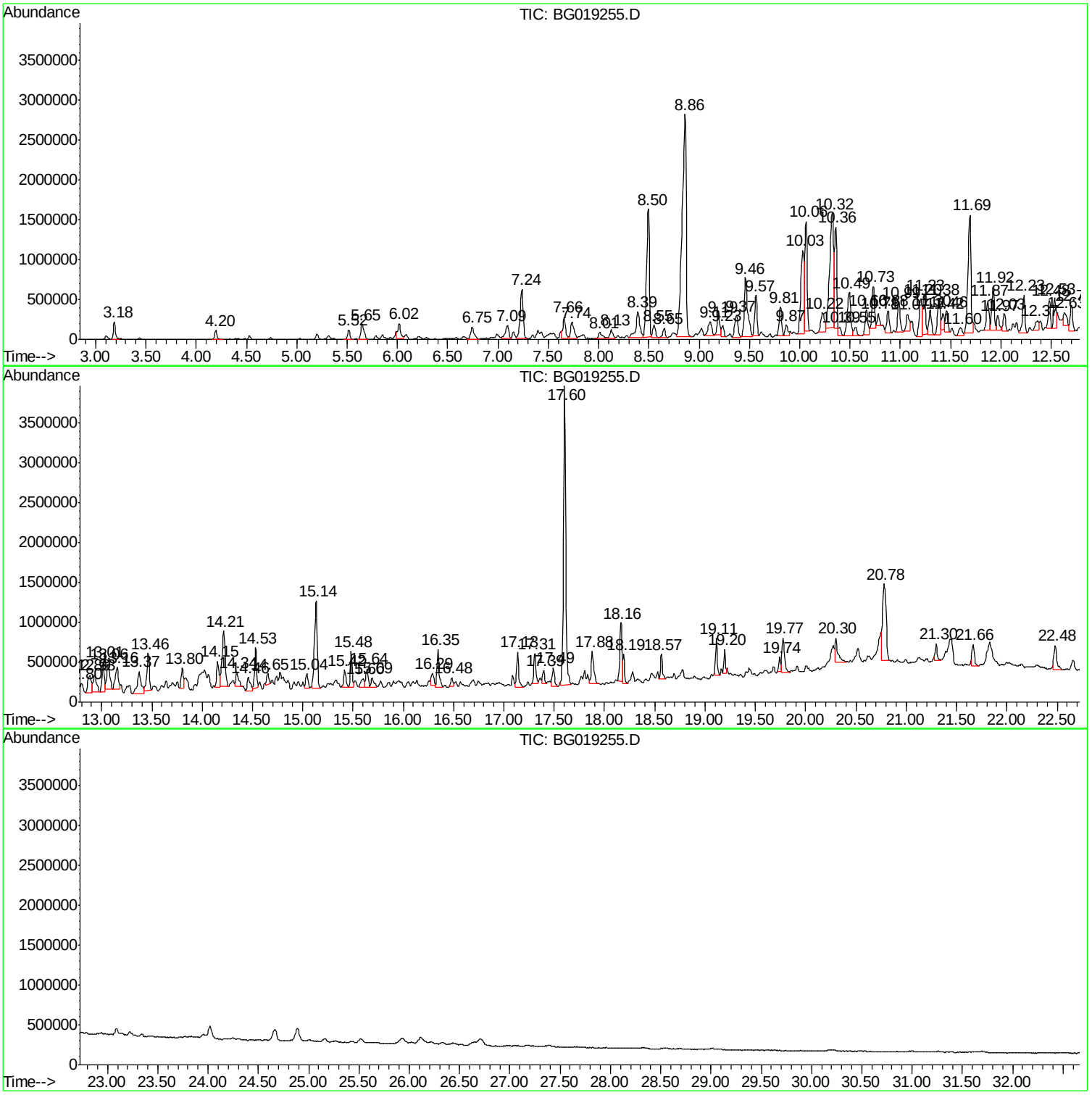
Sum of corrected areas: 82940828

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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\BG101915\
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Quant Title : SVOA CALIBRATION

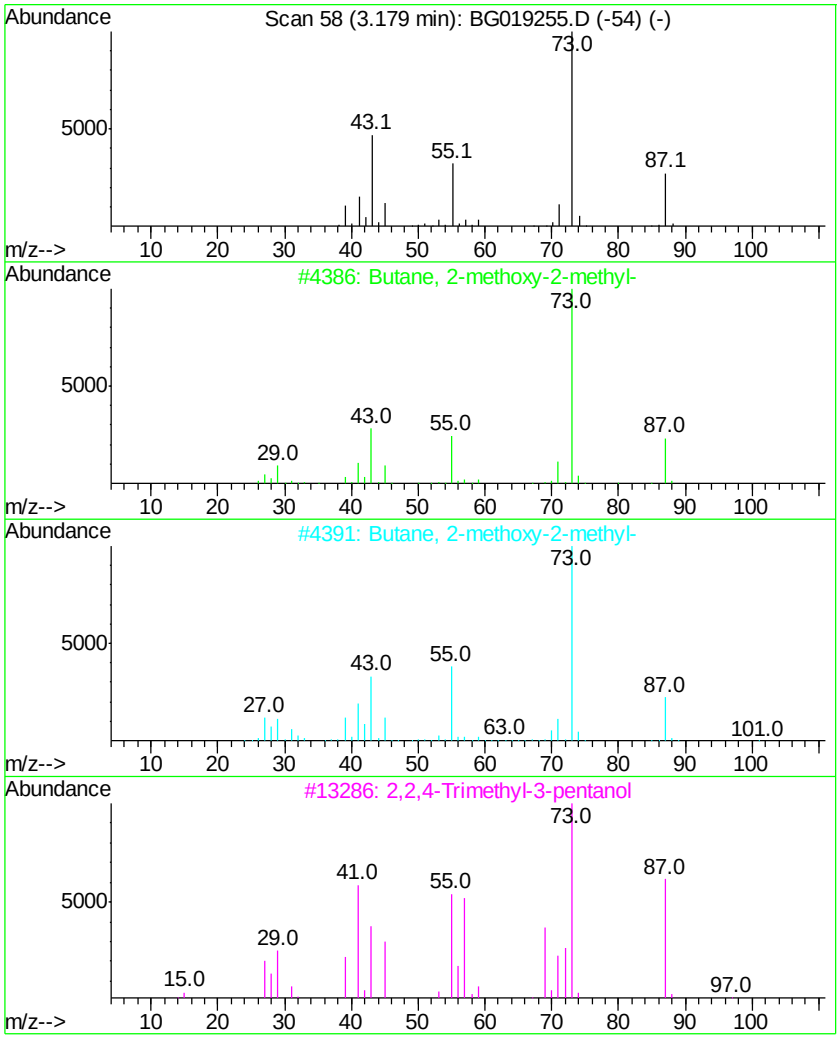
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

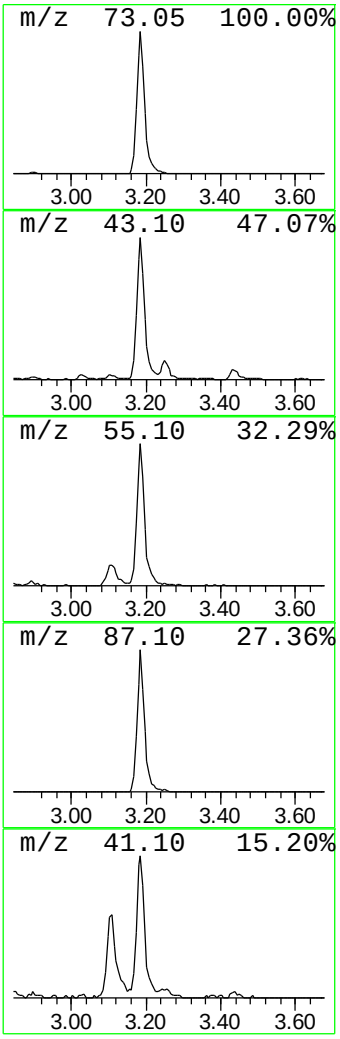
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	27.53 ng/ul	322759	1,4-Dichlorobenzene-d4	8.01

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	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

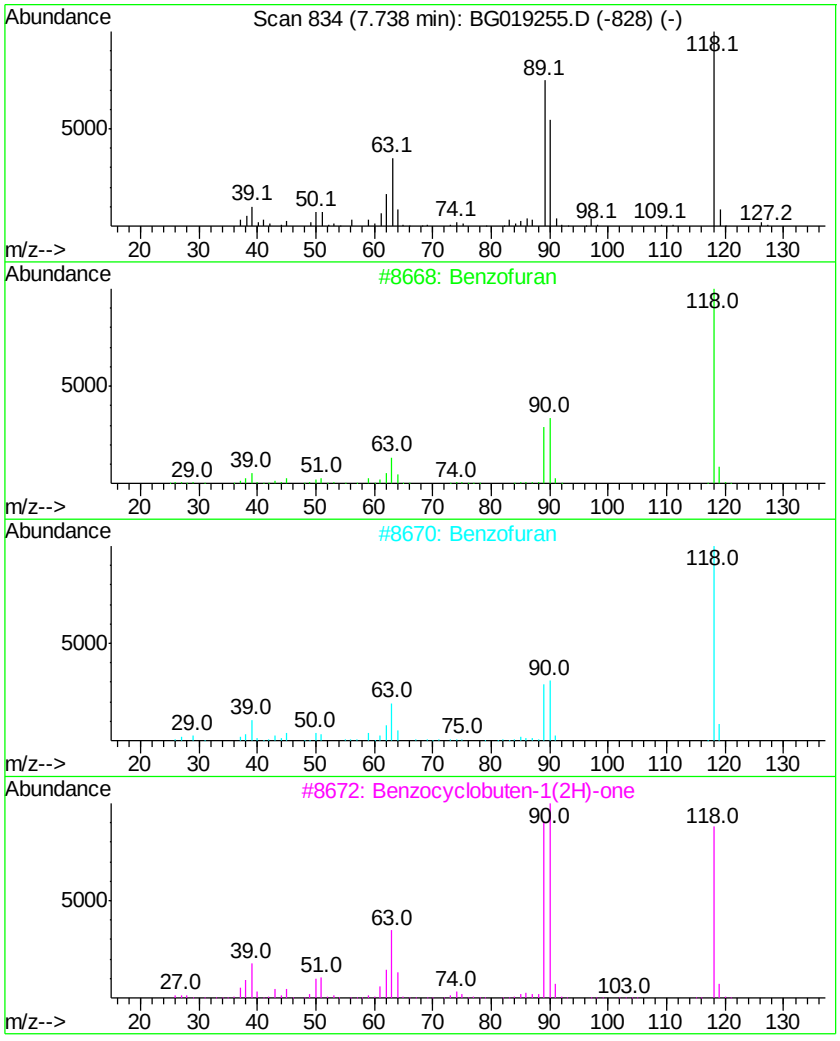
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

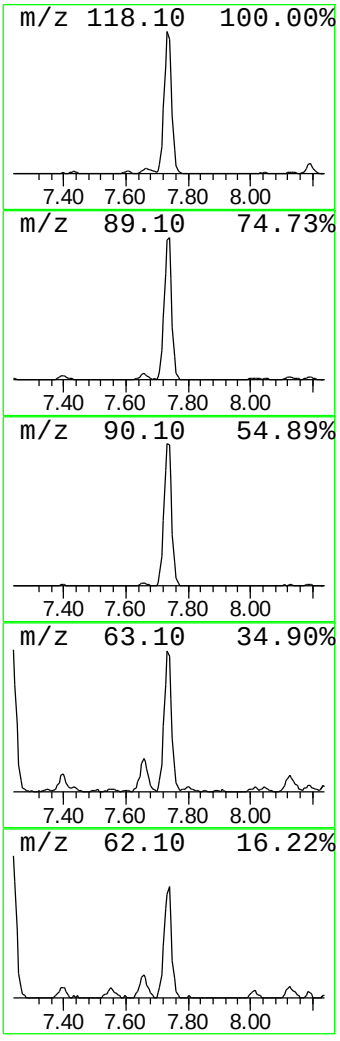
****

Peak Number 9 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	39.13 ng/ul	458865	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	41
2	Benzofuran	118	C8H6O	000271-89-6	41
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	38
4	Benzofuran	118	C8H6O	000271-89-6	30
5	1,3,5-Norcaratriene	90	C7H6	004646-69-9	11





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

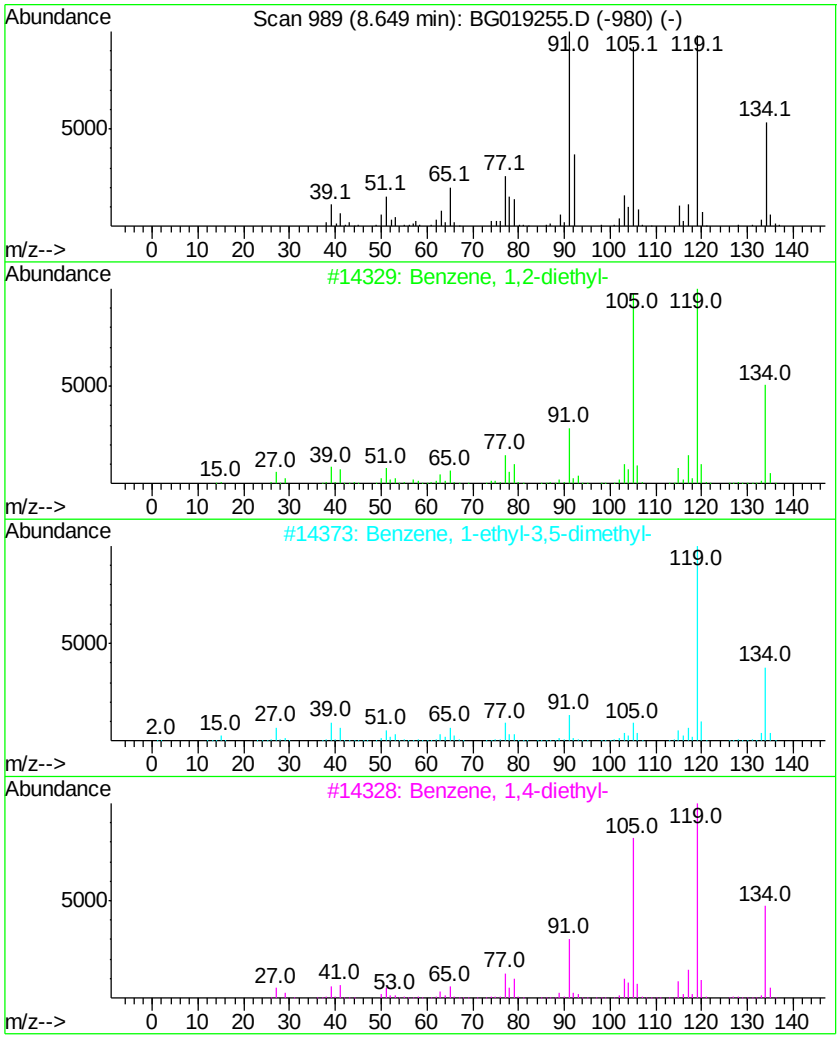
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

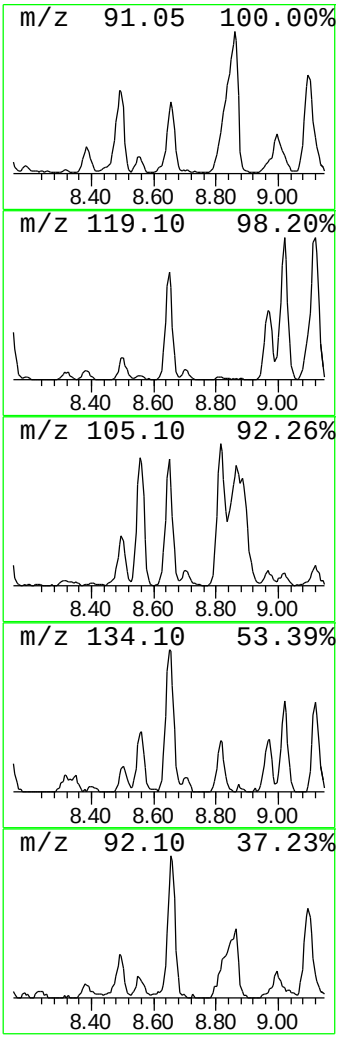
****

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	19.87 ng/ul	232970	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

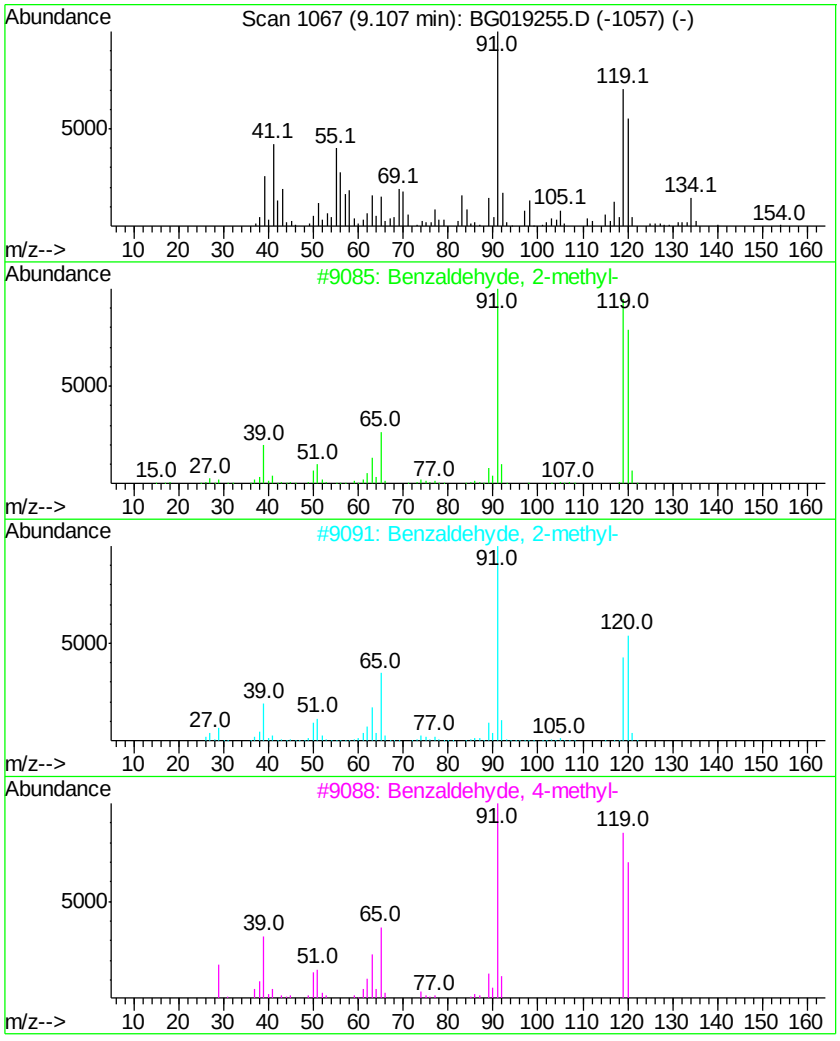
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

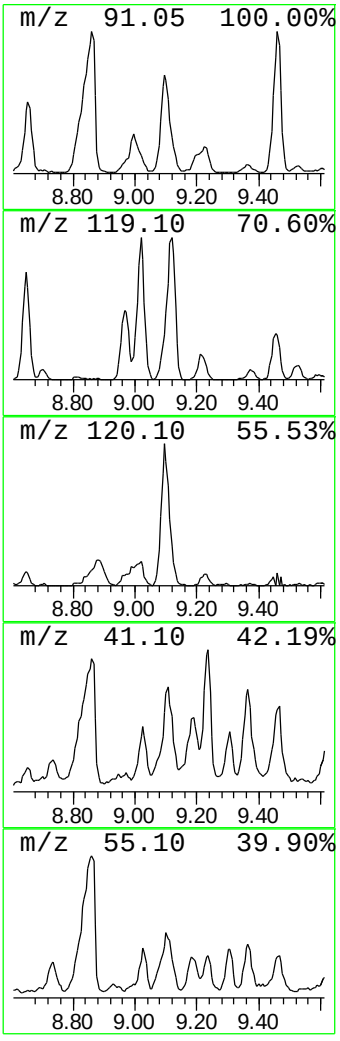
****

Peak Number 14 Benzaldehyde, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	37.53 ng/ul	440091	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	70
2	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	60
3	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	58
4	Phthalan	120	C8H8O	000496-14-0	58
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

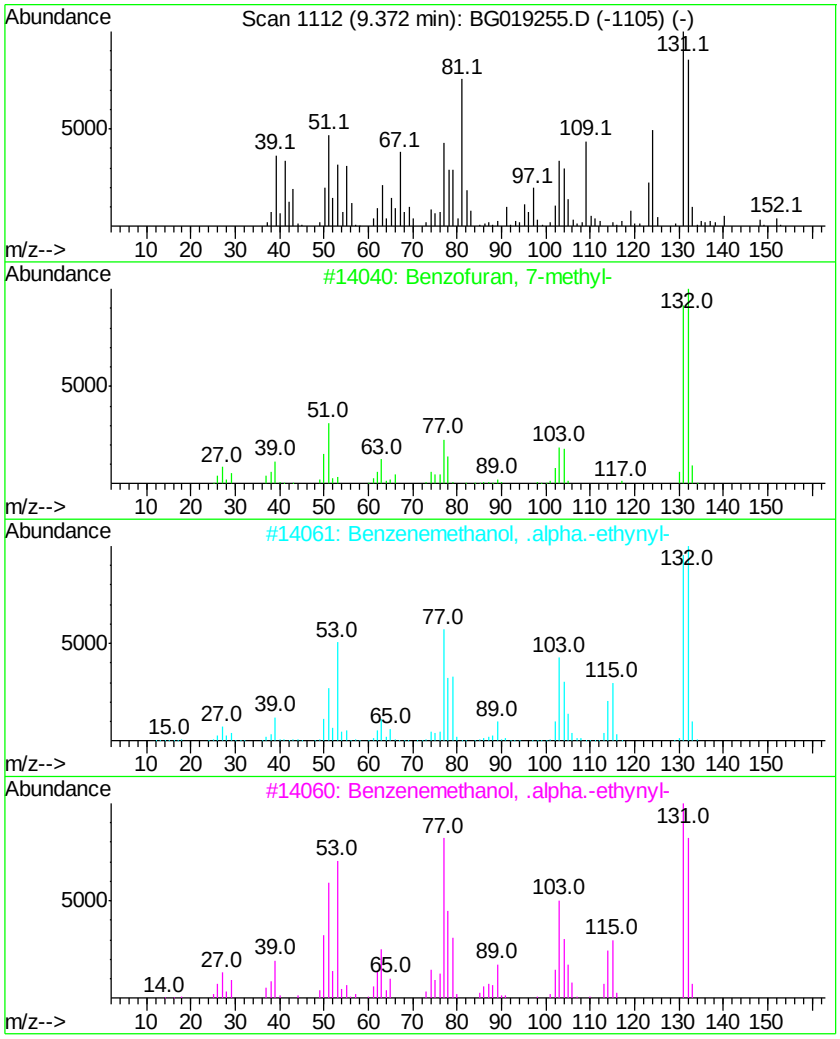
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

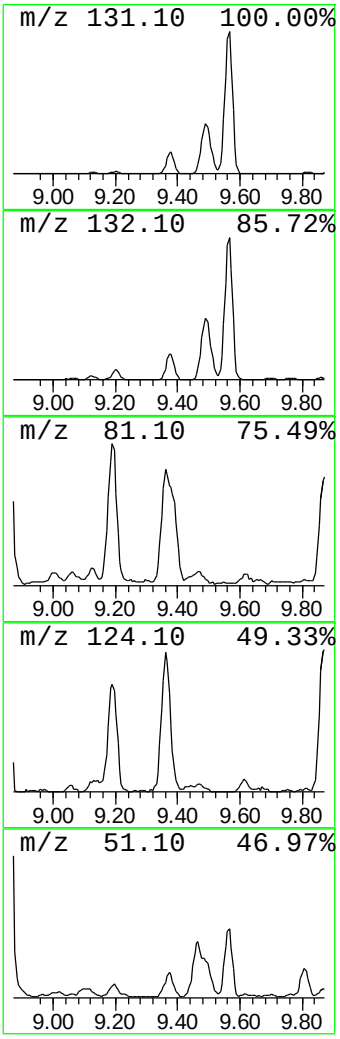
****

Peak Number 15 Benzofuran, 7-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	51.14 ng/ul	599615	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	74
2	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	70
3	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	60
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	55
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	51





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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

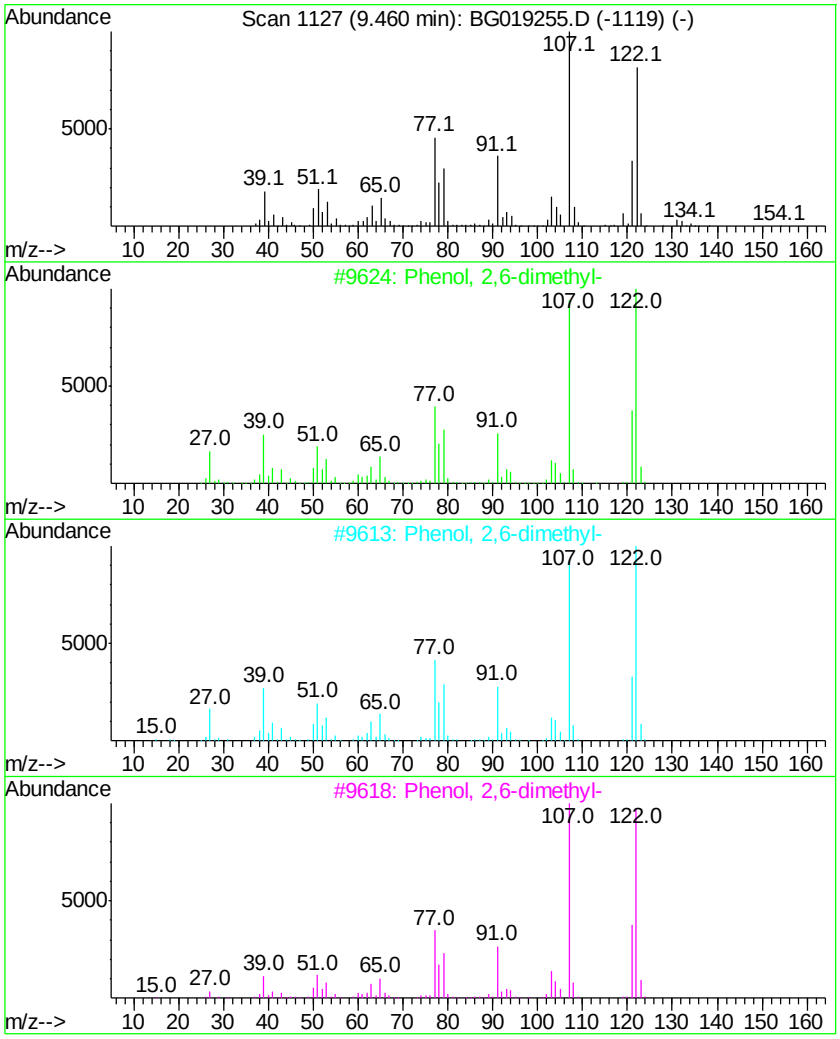
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

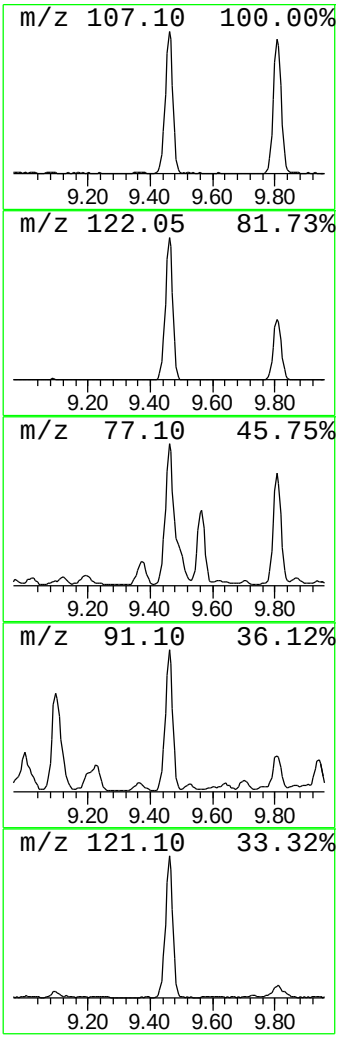
****

Peak Number 16 Phenol, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	155.21 ng/ul	1770870	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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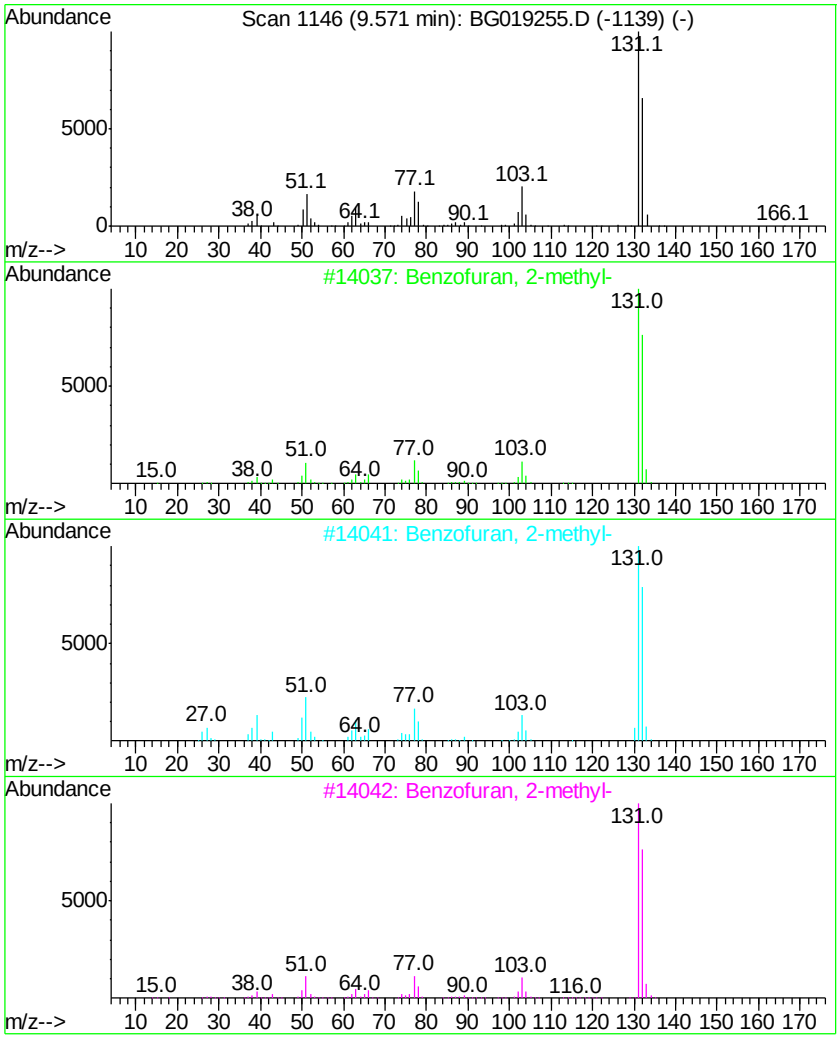
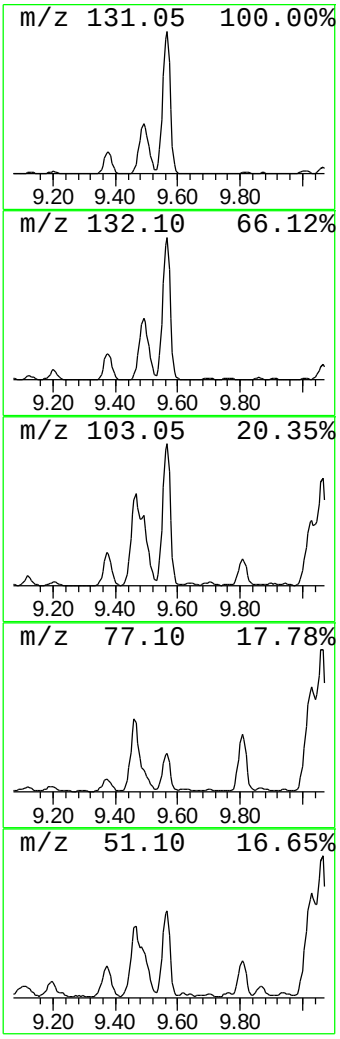
Peak Number 17 Benzofuran, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	70.66 ng/ul	806231	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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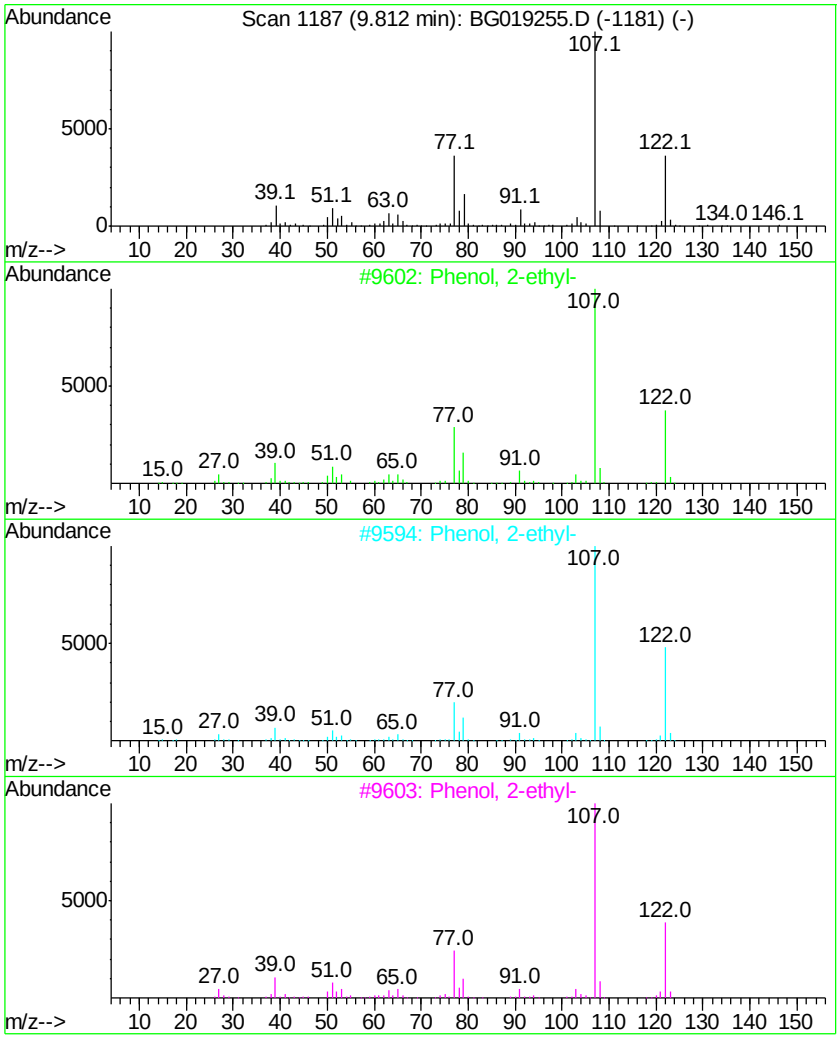
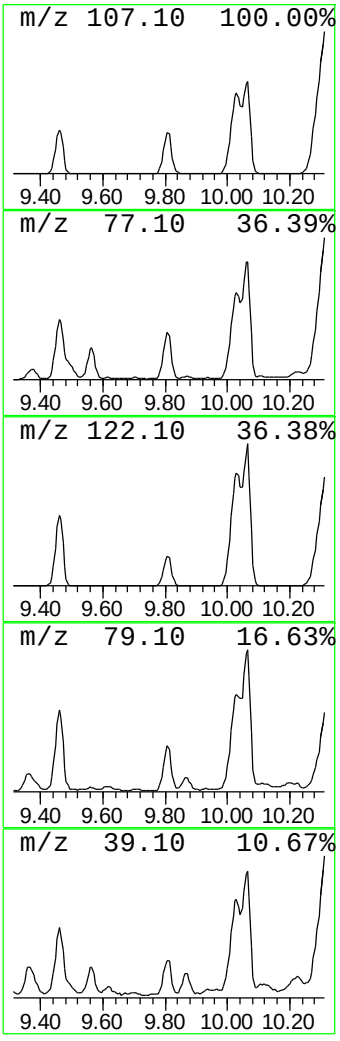
Peak Number 18 Phenol, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	51.91 ng/ul	592237	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91





Library Search Compound Report

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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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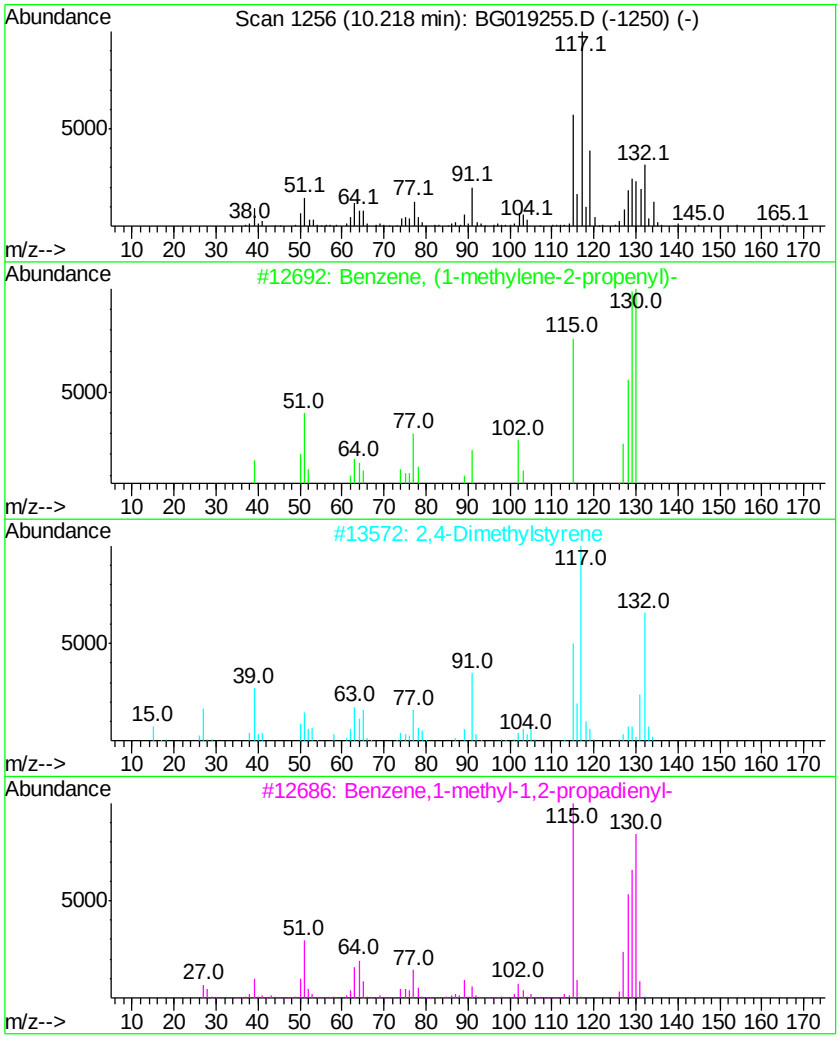
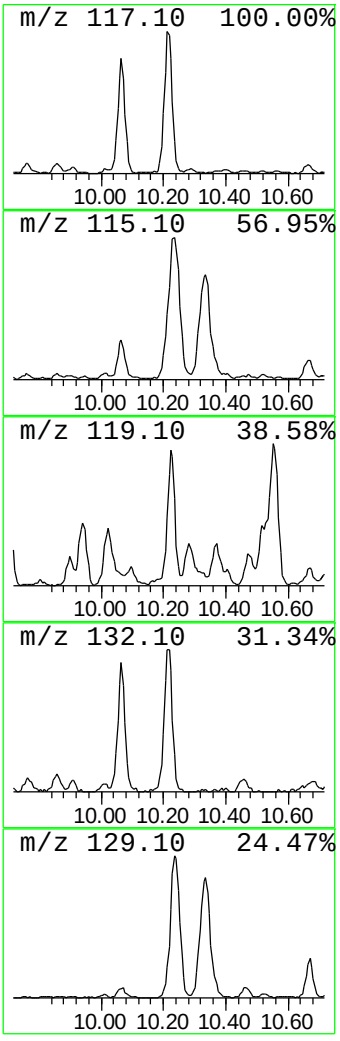
Peak Number 19 Benzene, (1-methylene-2-pro... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	57.40 ng/ul	654893	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	56
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	46
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	46
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	46
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	42





Library Search Compound Report

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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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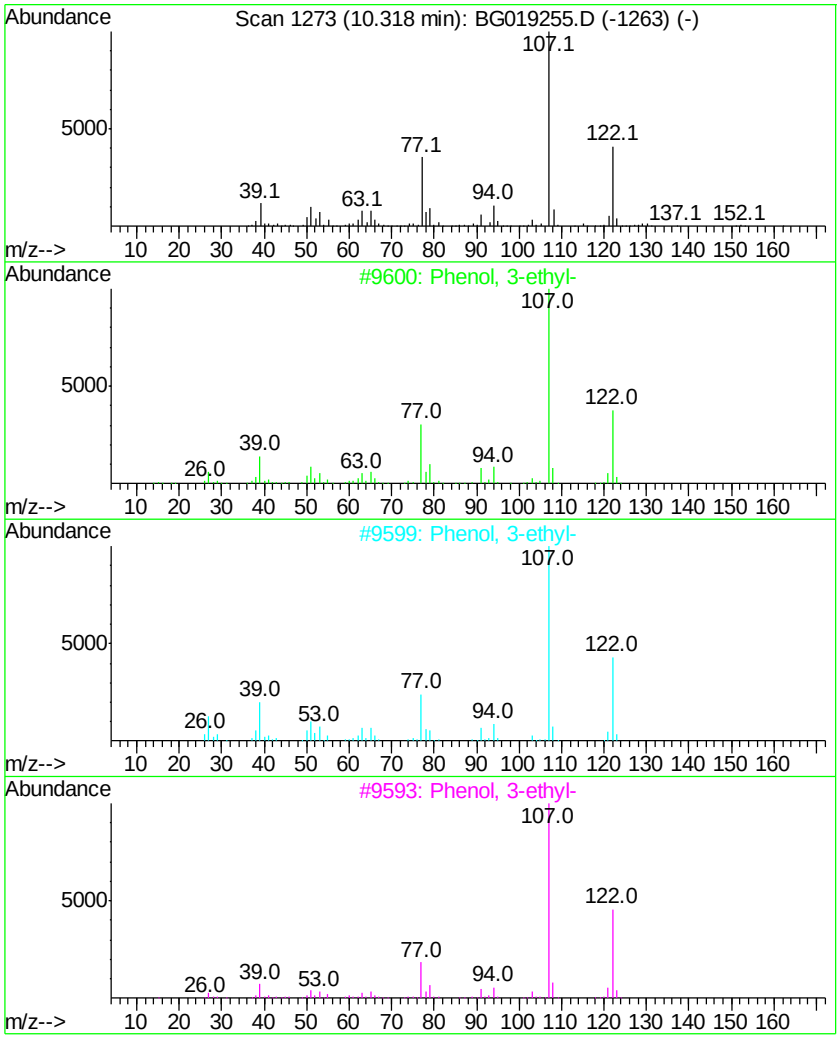
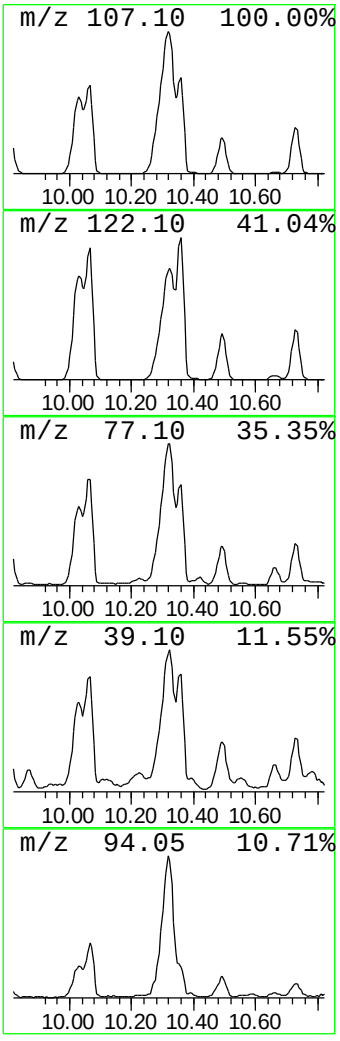
Peak Number 20 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	355.31 ng/ul	4054010	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87





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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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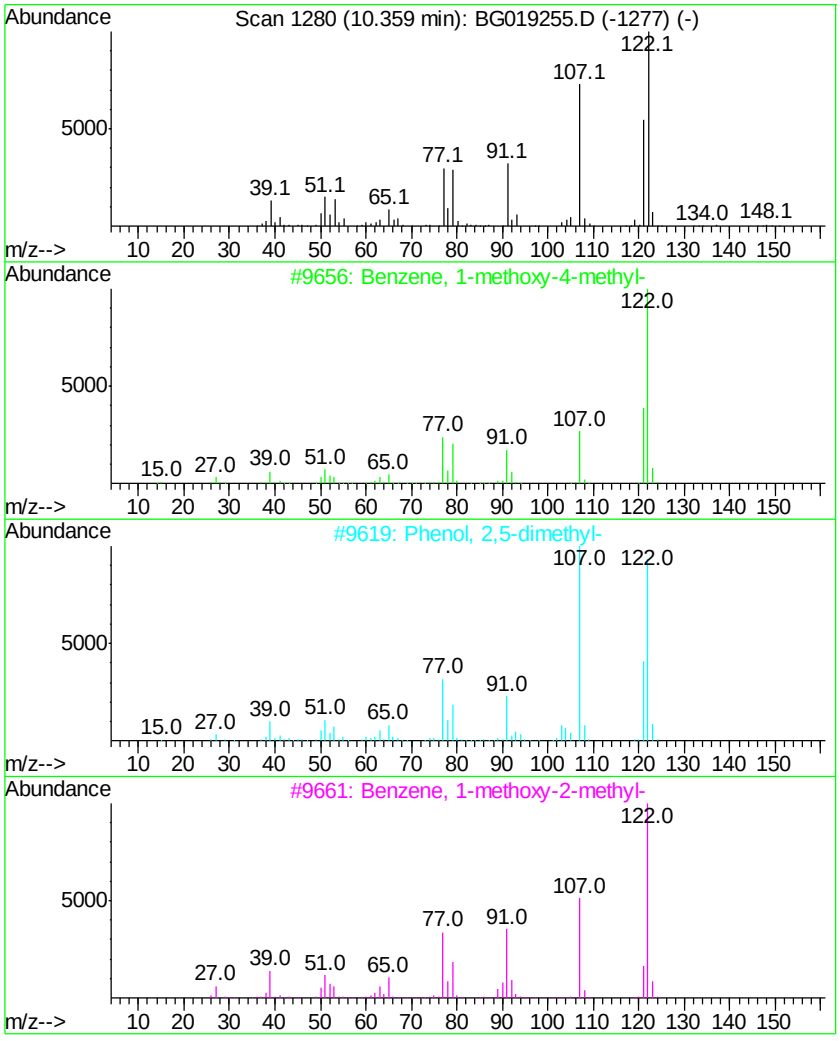
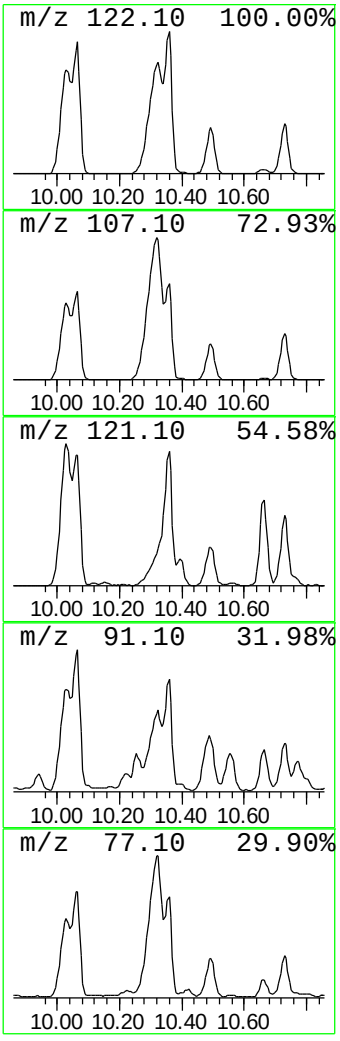
Peak Number 21 Benzene, 1-methoxy-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	158.35 ng/ul	1806700	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	87
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	86
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	86
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	86





Library Search Compound Report

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Sample : G3996-16
Misc :
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Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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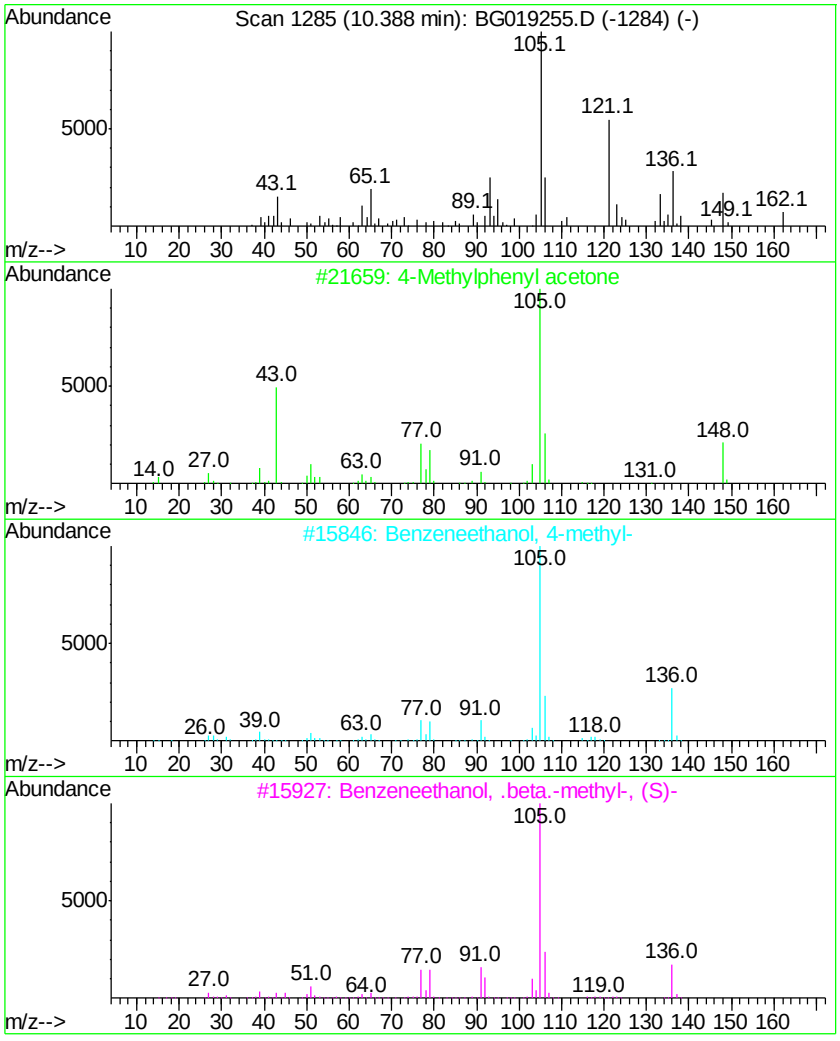
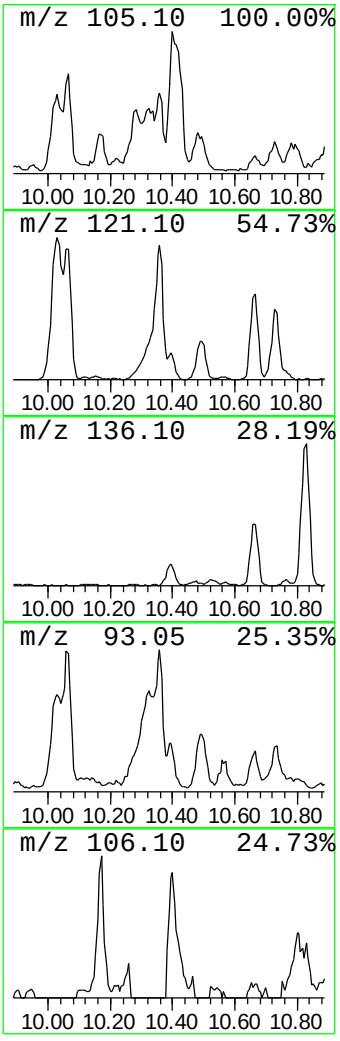
Peak Number 22 unknown-02 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	15.50 ng/ul	176849	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
2	Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	32
3	Benzeneethanol, .beta.-methyl-, ...	136	C9H12O	037778-99-7	32
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	32
5	Benzeneethanol, 4-methyl-	136	C9H12O	000699-02-5	23





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Instrument : BNA_G
ClientSampleId : E5LK5

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Quant Title : SVOA CALIBRATION

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

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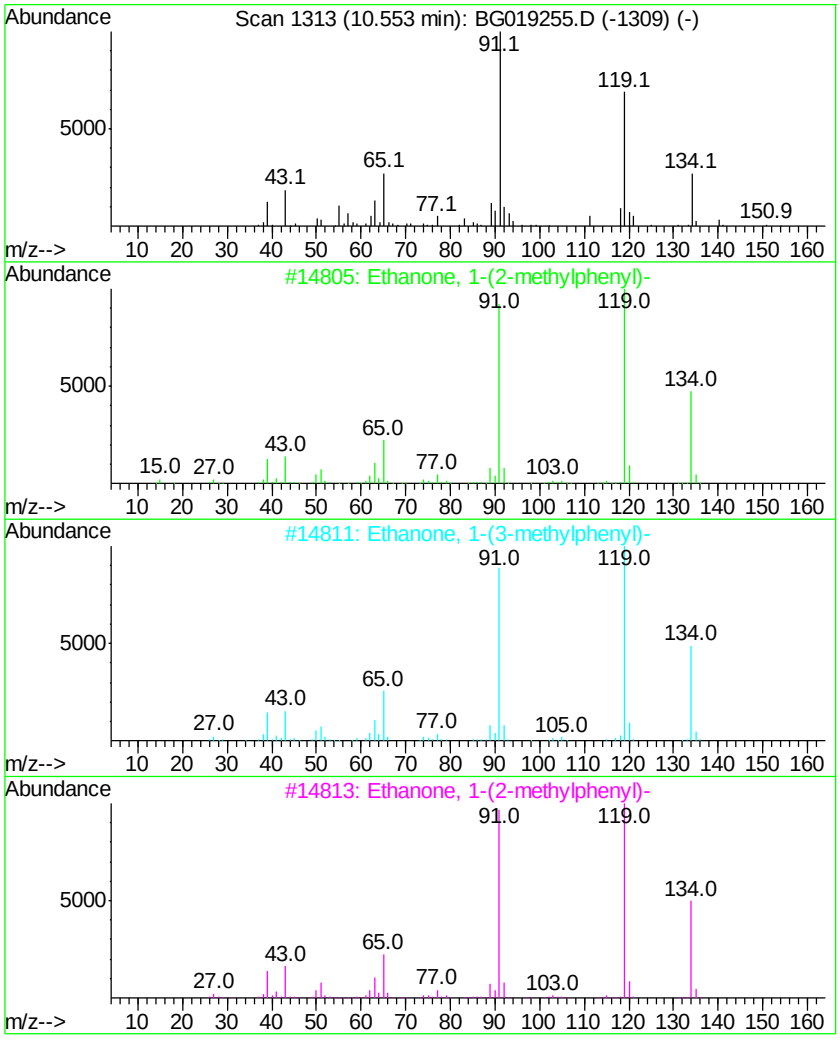
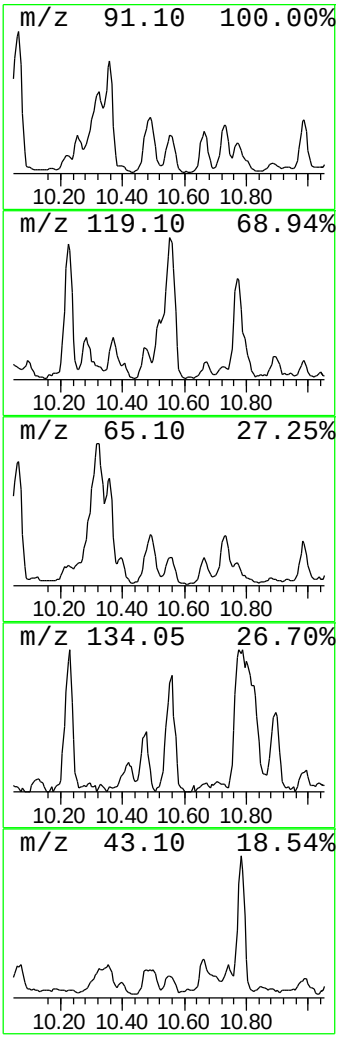
Peak Number 23 Ethanone, 1-(2-methylphenyl)- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	18.89 ng/ul	215577	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	93
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	90
3	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	90
4	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	90
5	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	86





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Misc :
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Instrument : BNA_G
ClientSampleId : E5LK5

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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 Phenol, 2-ethyl-6-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	53.28 ng/ul	607916	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	93
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	74
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	72
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	72
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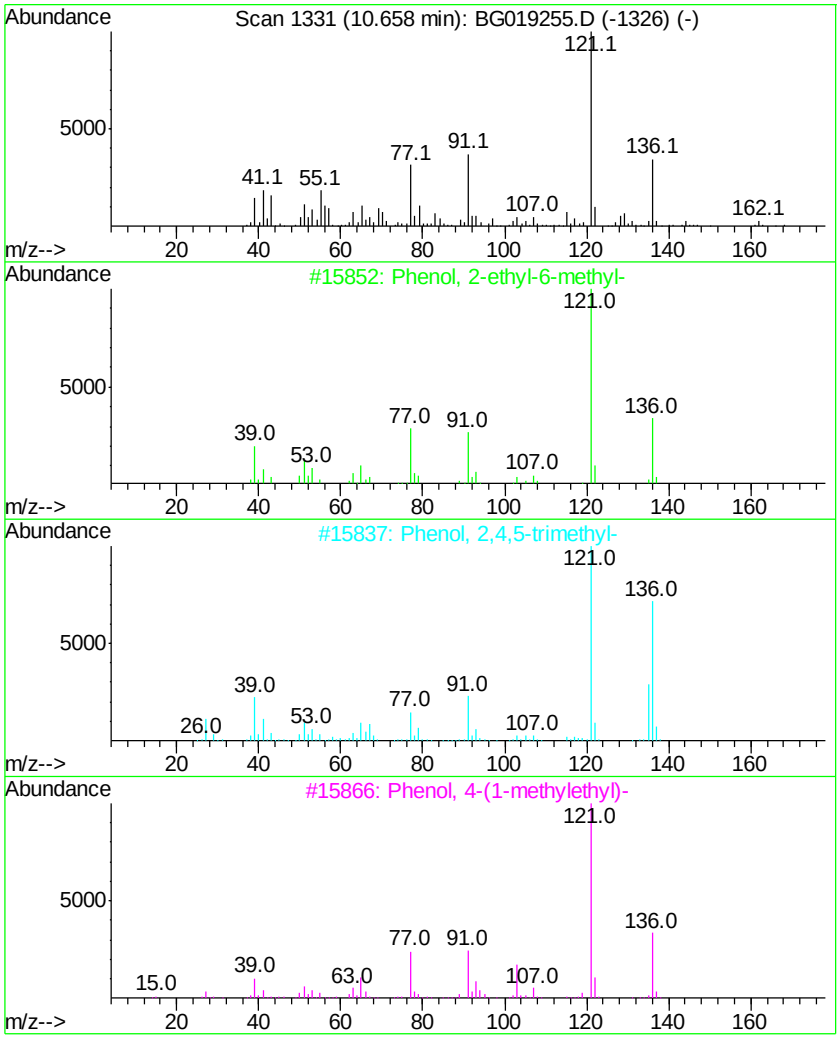

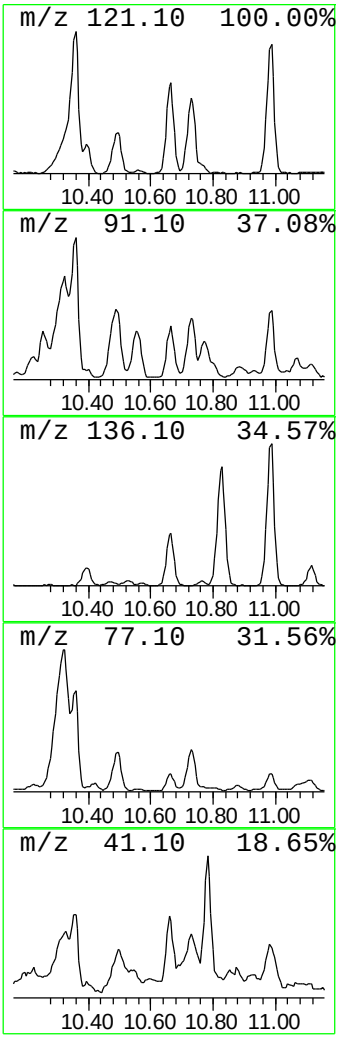

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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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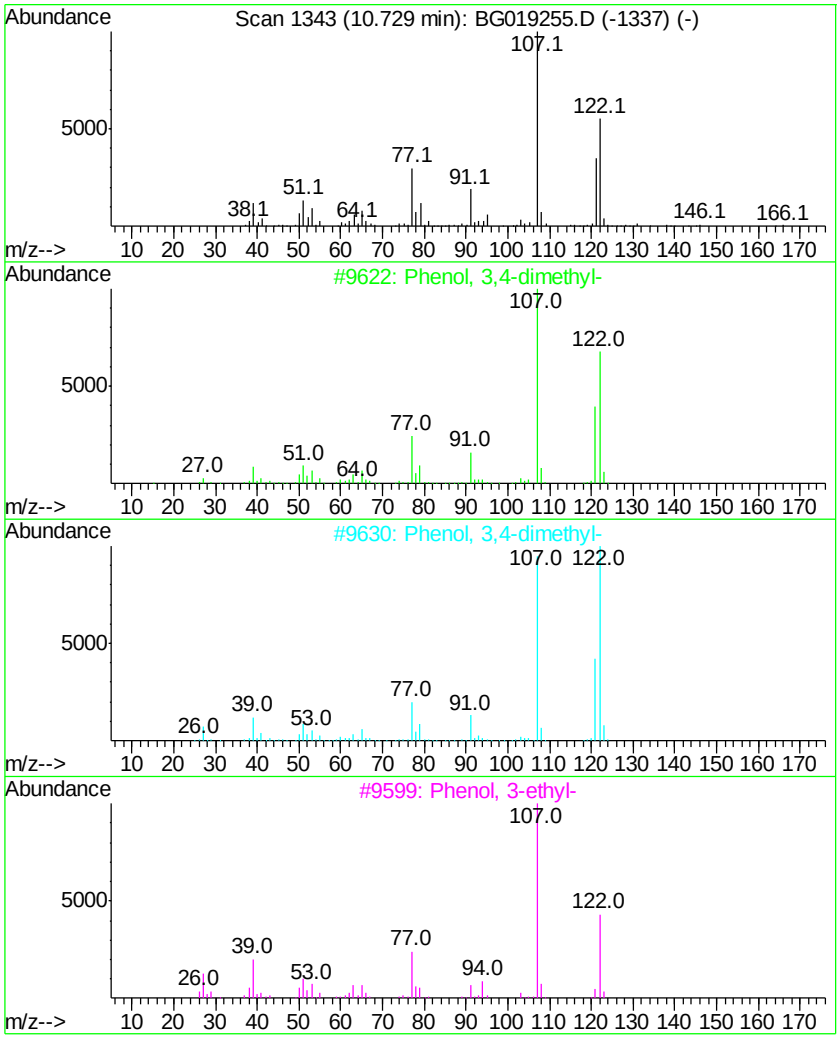
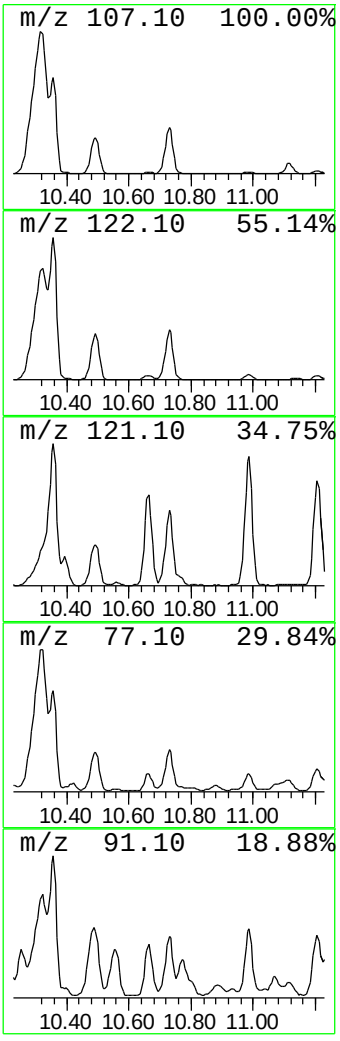
Peak Number 25 Phenol, 3,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	81.51 ng/ul	930003	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90





Library Search Compound Report

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Sample : G3996-16
Misc :
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Instrument : BNA_G
ClientSampleId : E5LK5

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Quant Title : SVOA CALIBRATION

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

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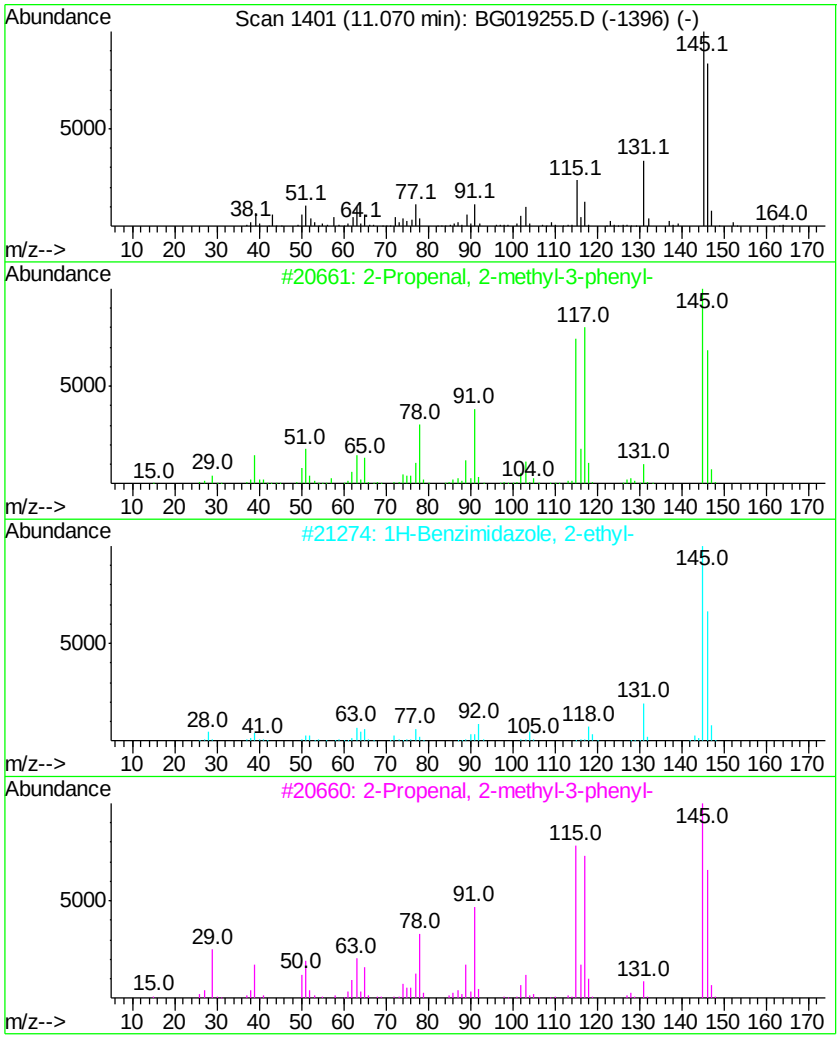
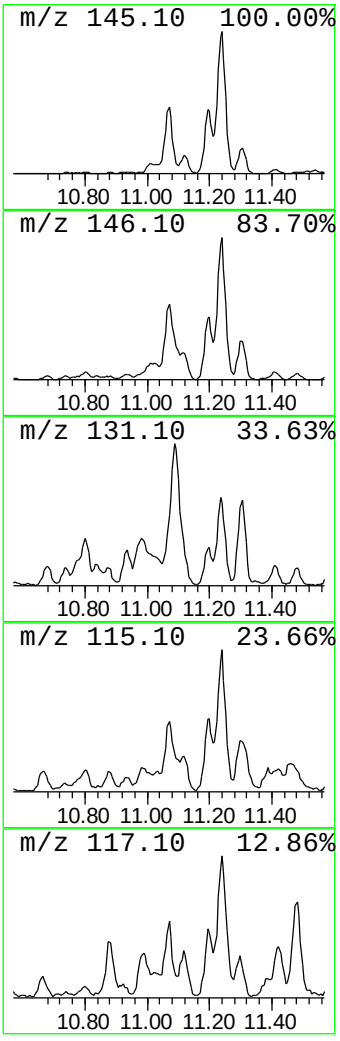
Peak Number 26 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	40.51 ng/ul	462261	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53





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Acq On : 20 Oct 2015 00:51
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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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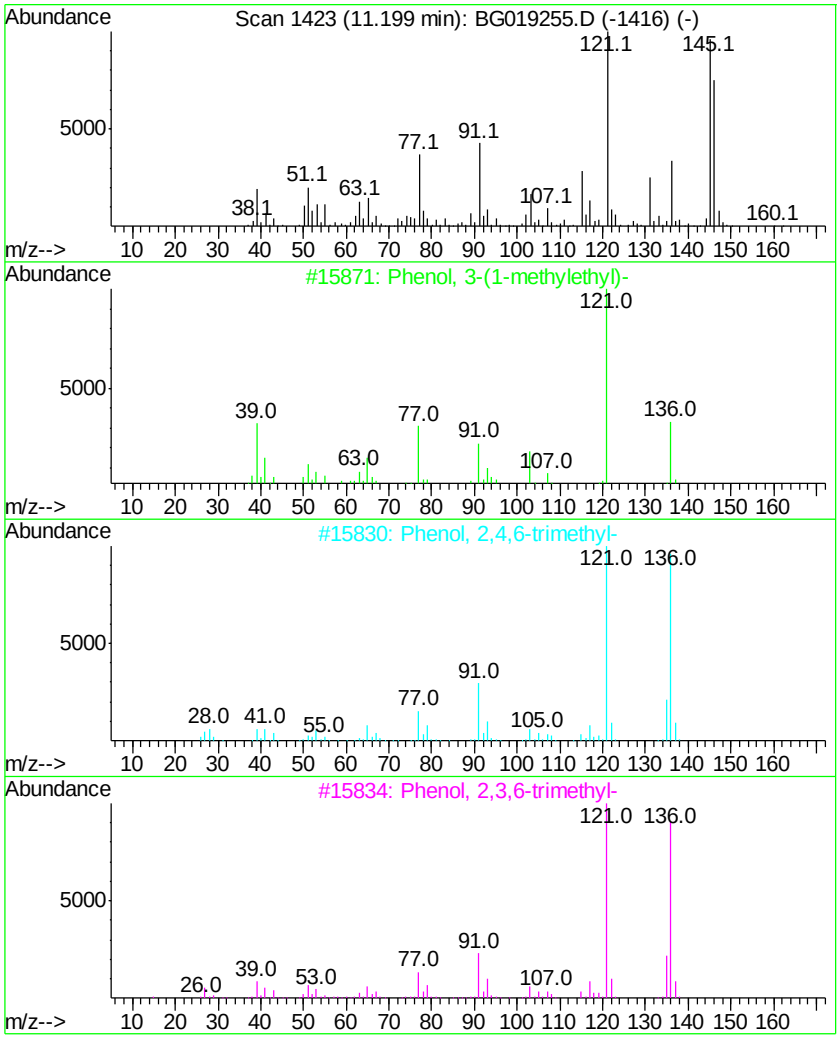
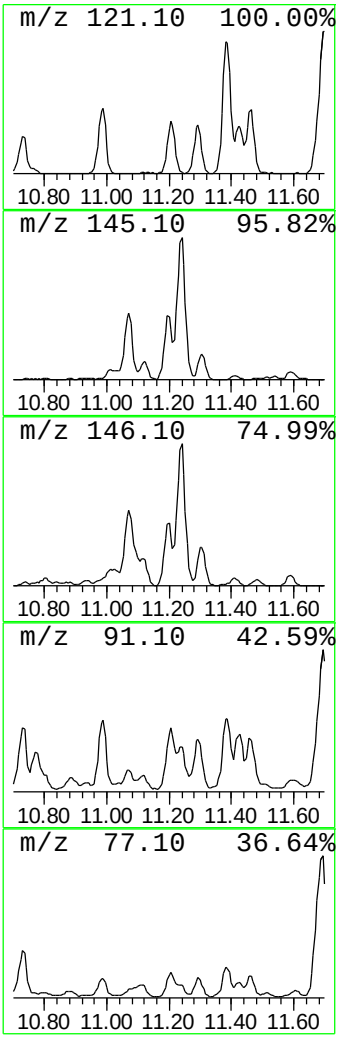
Peak Number 27 Phenol, 3-(1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	78.80 ng/ul	899050	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	50
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	46
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	46
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	46
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	45





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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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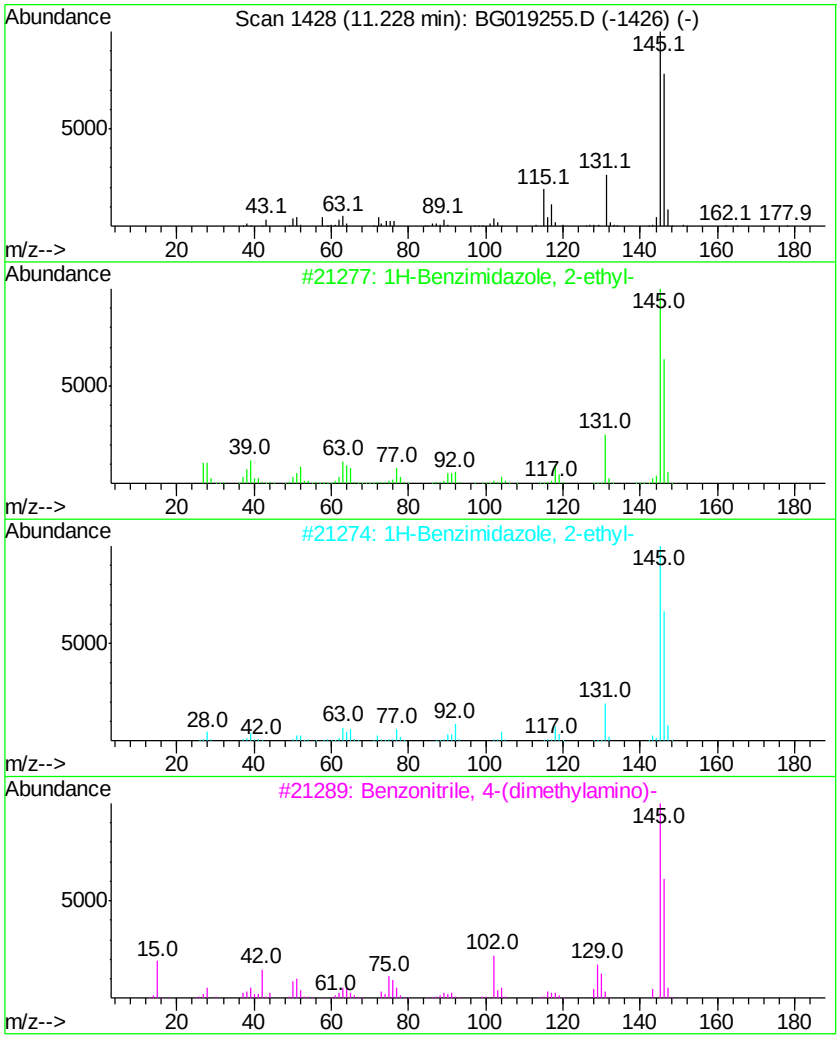
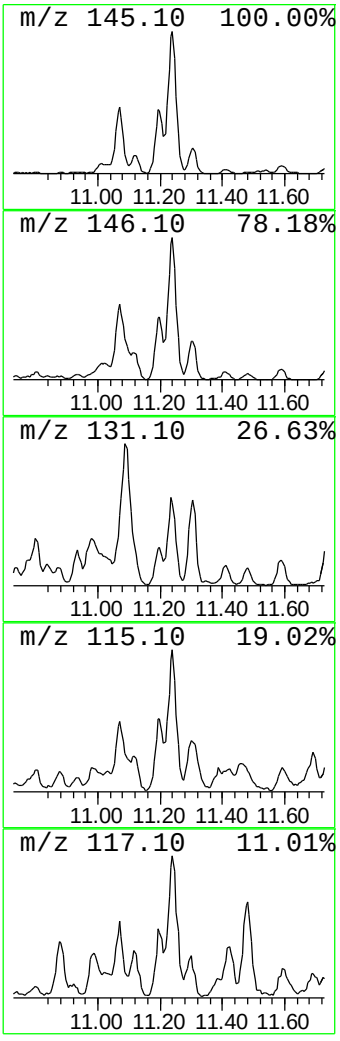
Peak Number 28 1H-Benzimidazole, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	80.74 ng/ul	921183	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50





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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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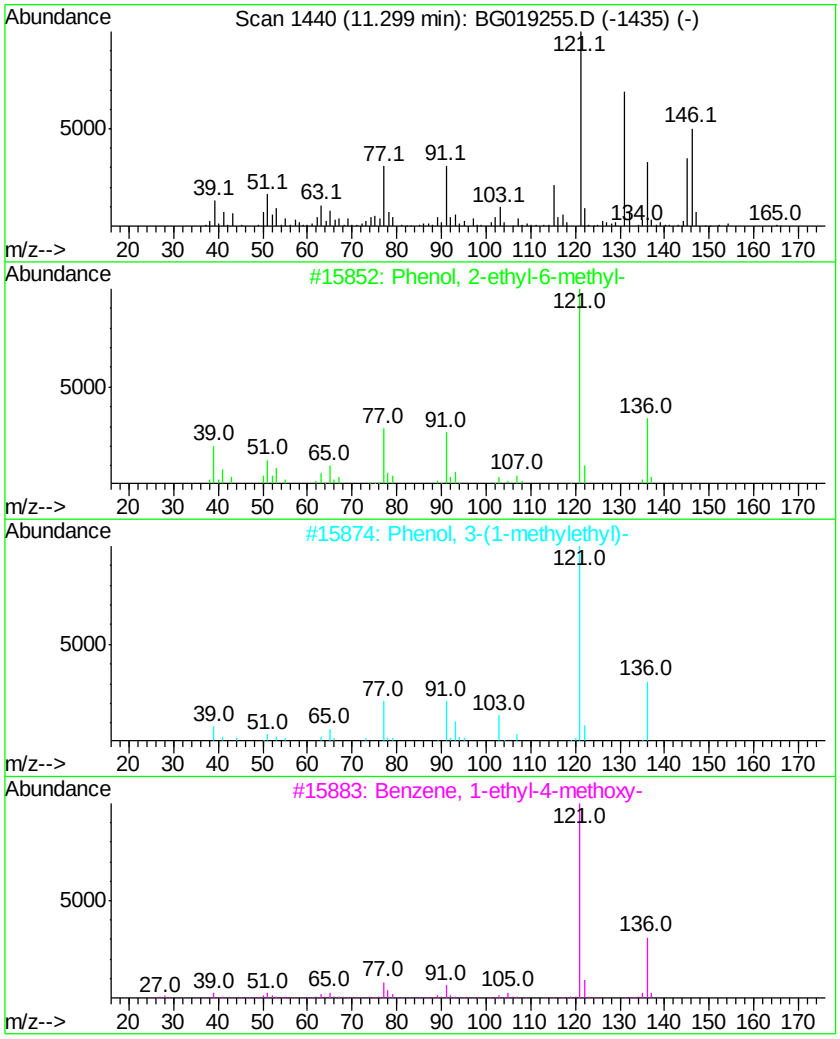
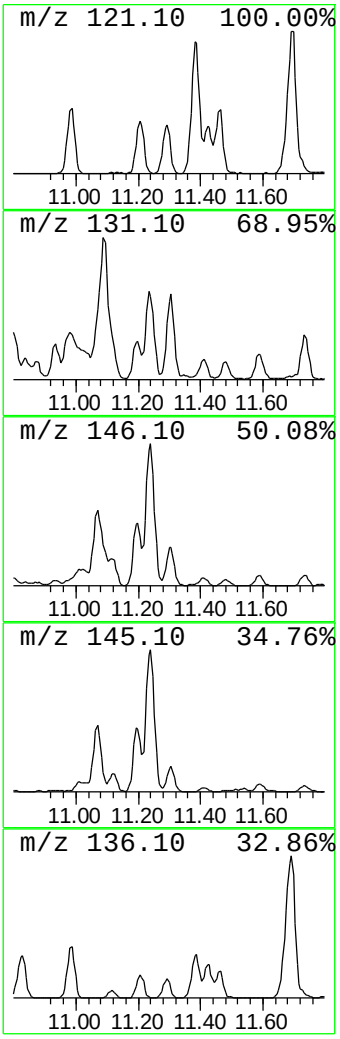
Peak Number 29 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	52.10 ng/ul	594471	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	50
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	43
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	41
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	41





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Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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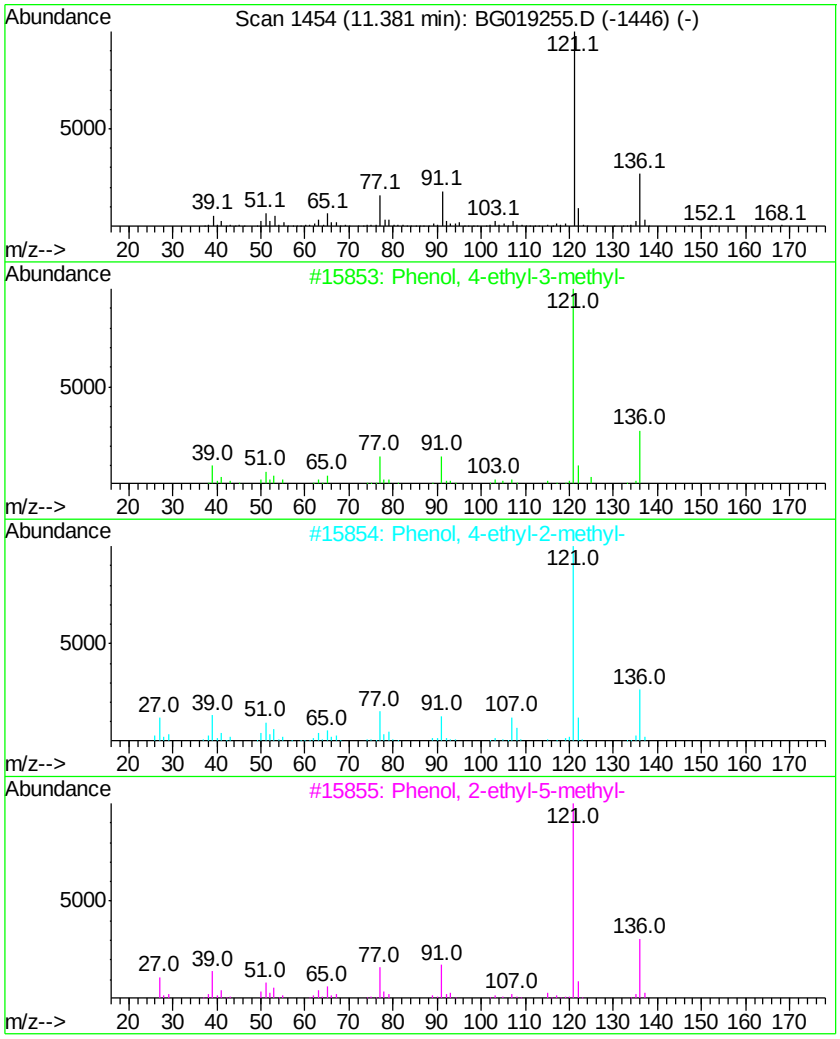
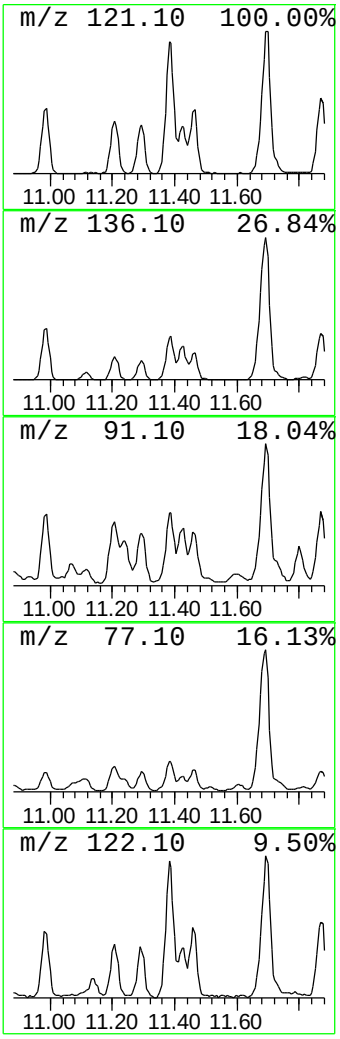
Peak Number 30 Phenol, 4-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	75.87 ng/ul	865622	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





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Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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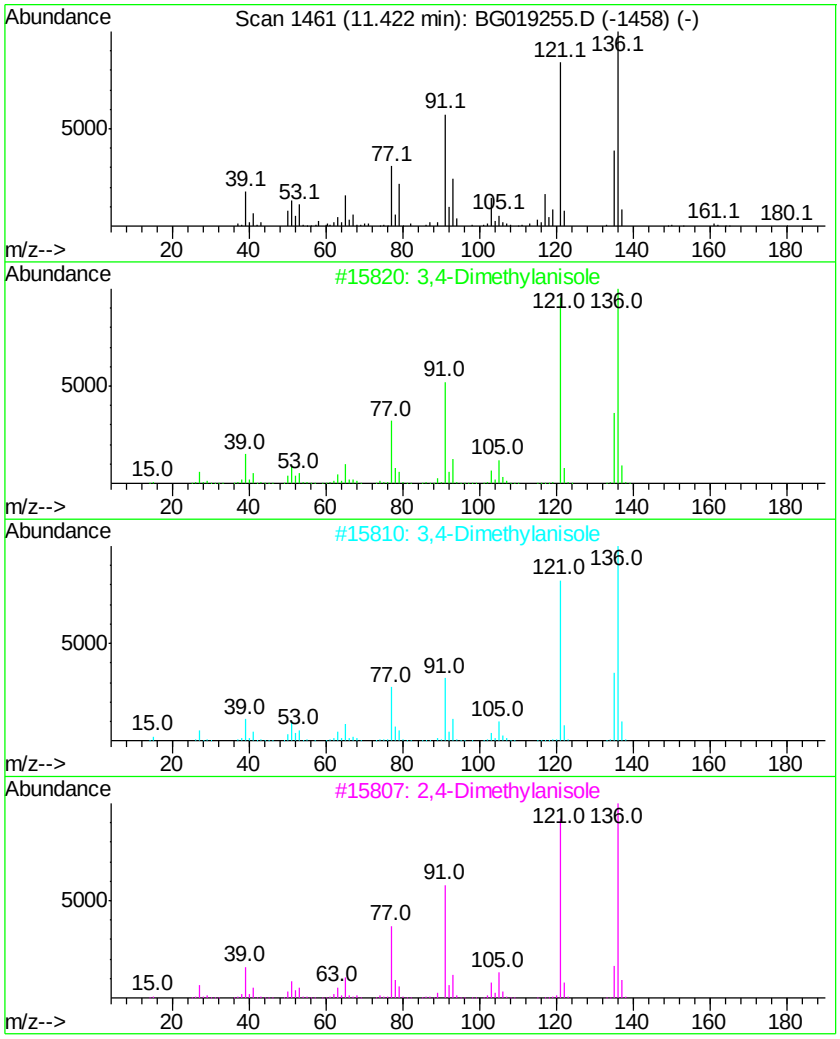
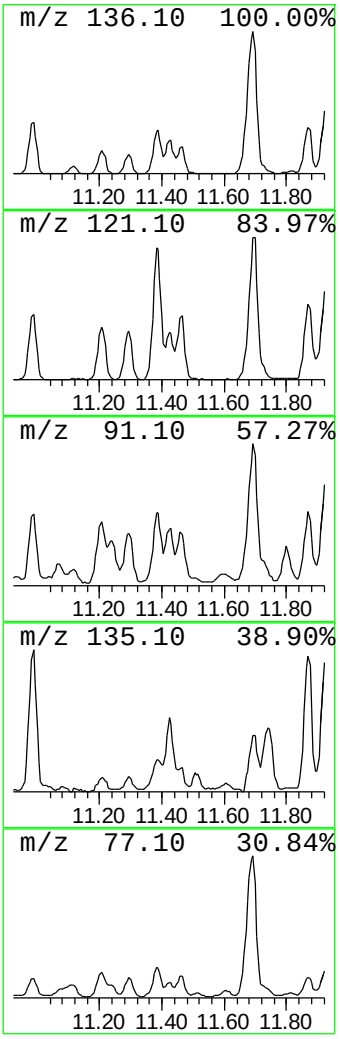
Peak Number 31 3,4-Dimethylanisole Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	29.86 ng/ul	340729	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylanisole	136	C9H12O	004685-47-6	91
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	87
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	76
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	72
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	70





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Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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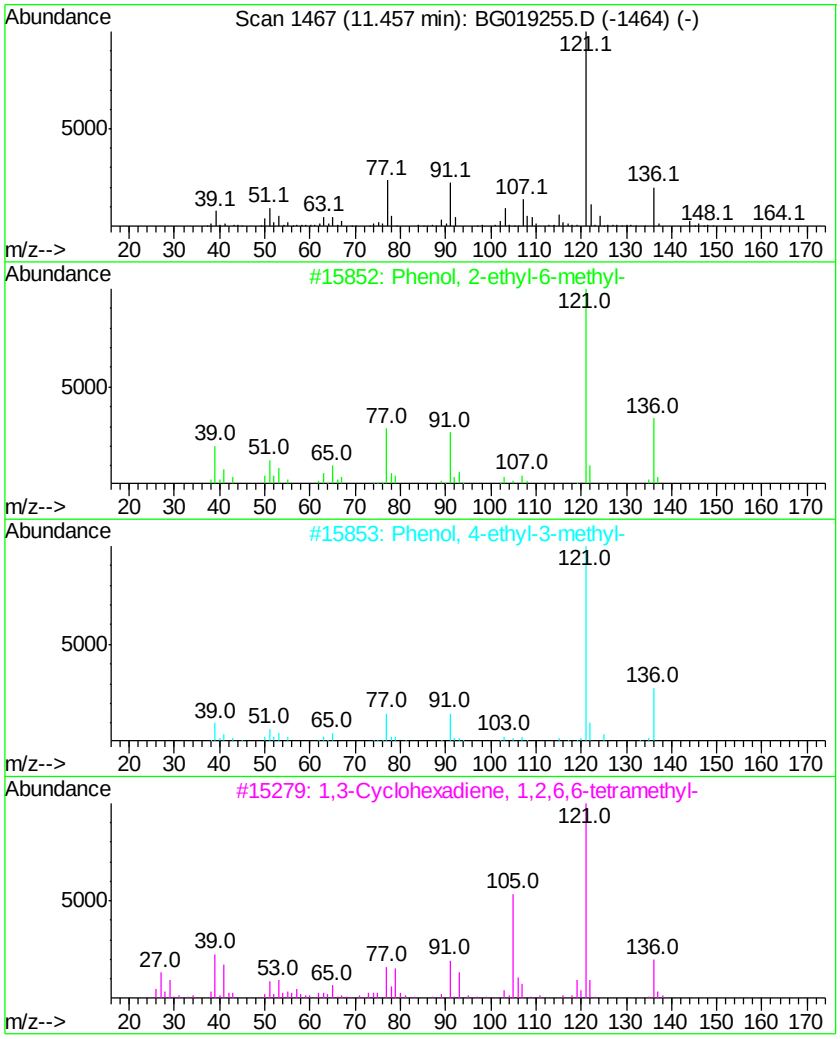
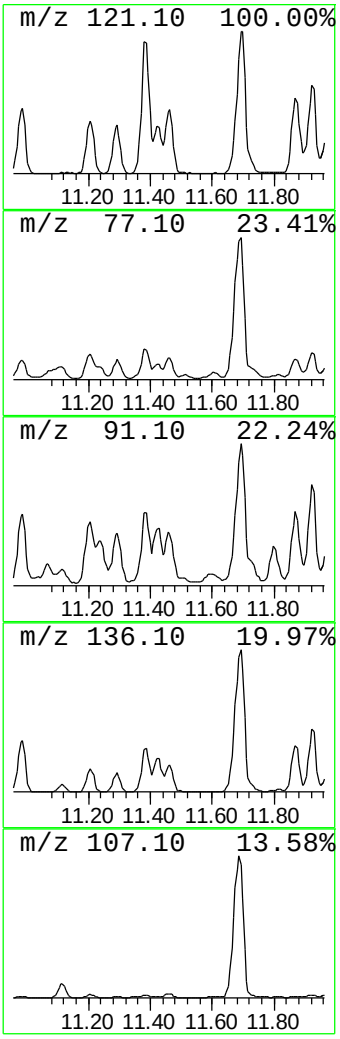
Peak Number 32 1,3-Cyclohexadiene, 1,2,6,6... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	37.28 ng/ul	425394	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	72
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	72
3	1,3-Cyclohexadiene, 1,2,6,6-tetr...	136	C10H16	000514-96-5	72
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	72
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72





Library Search Compound Report

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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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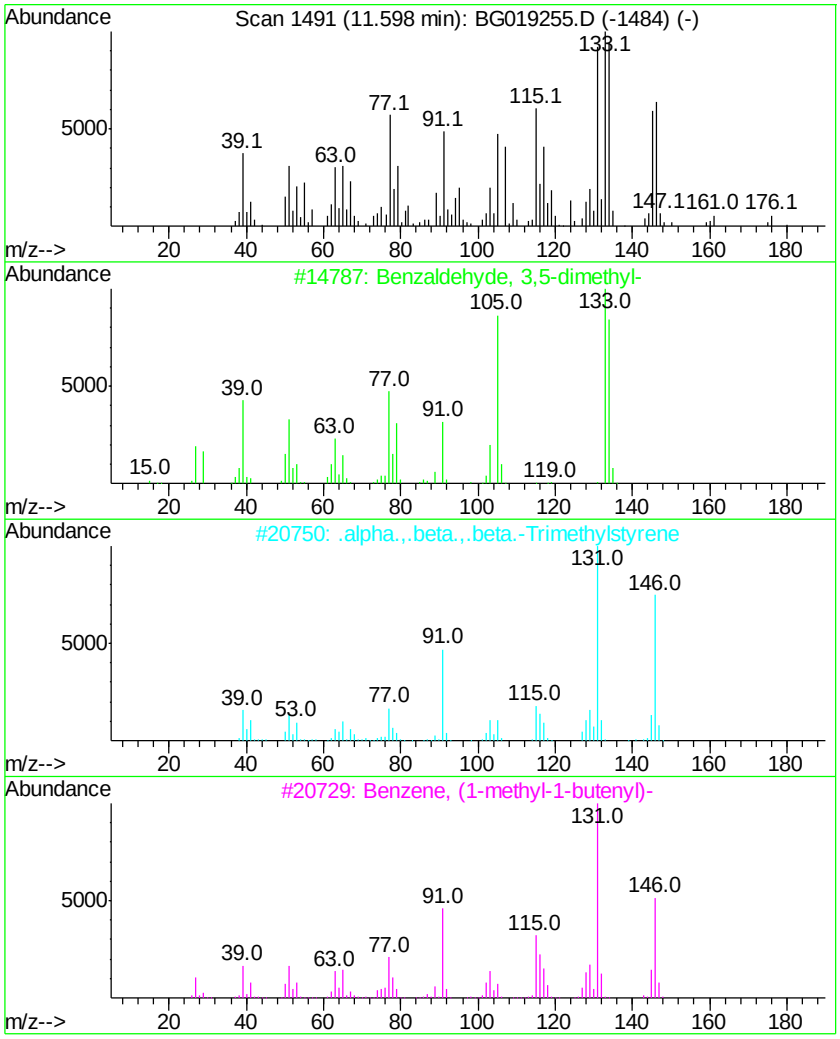
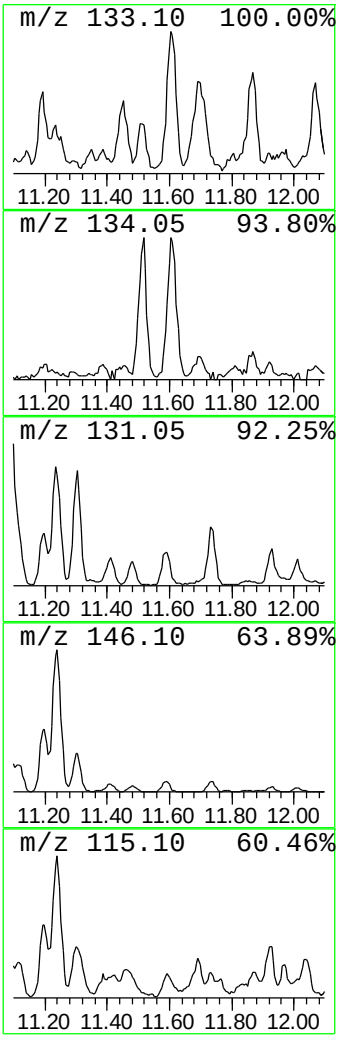
Peak Number 33 Benzaldehyde, 3,5-dimethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	21.99 ng/ul	250936	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dimethyl-	134	C9H10O	005779-95-3	80
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	38
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	35
5	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	35





Library Search Compound Report

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Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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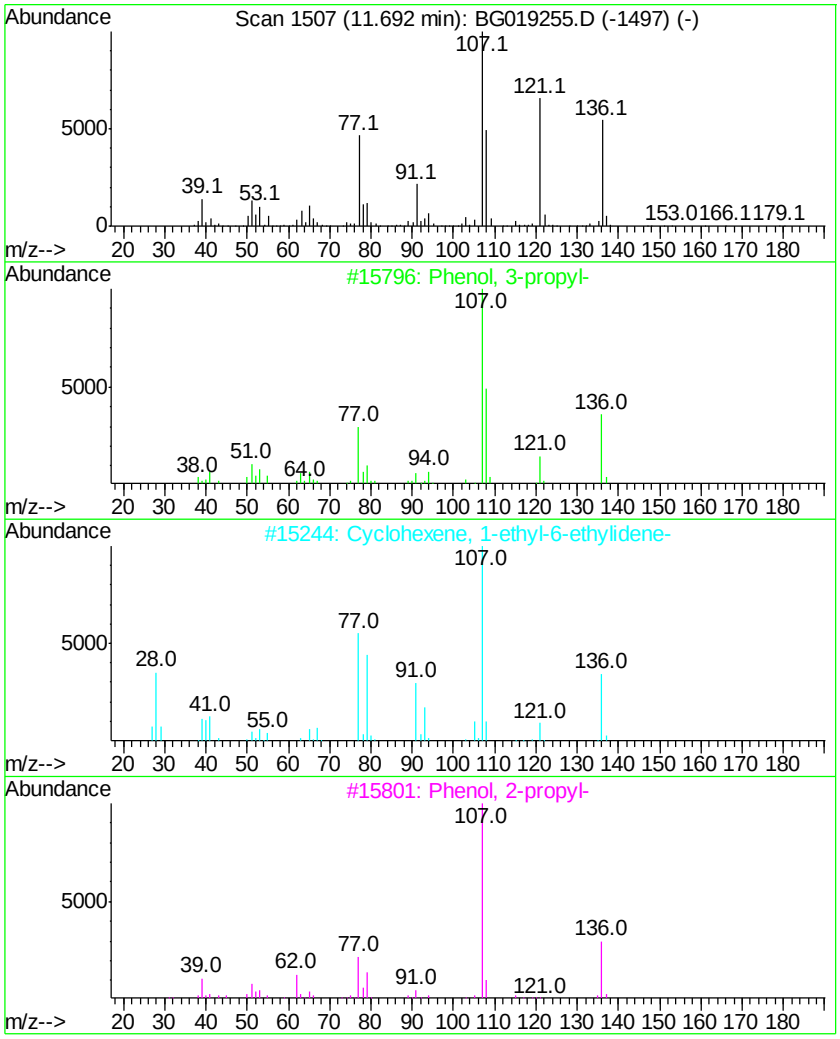
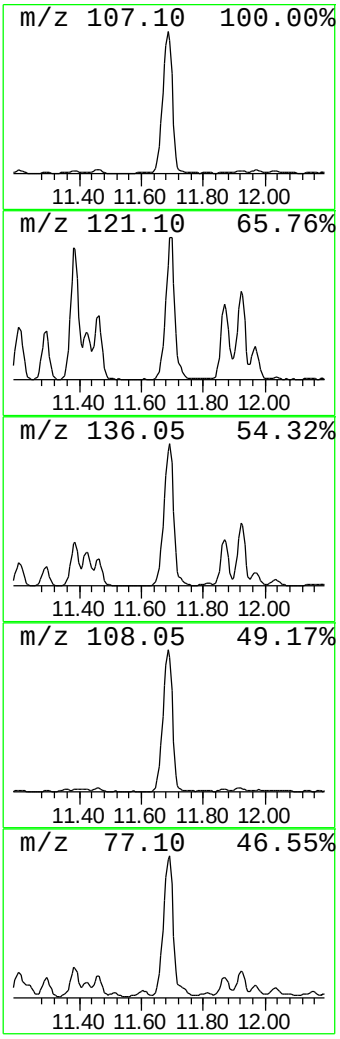
Peak Number 34 Phenol, 3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	277.52 ng/ul	3166430	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	Cyclohexene, 1-ethyl-6-ethylidene-	136	C10H16	061141-57-9	59
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50
4	Phenol, 4-propyl-	136	C9H12O	000645-56-7	49
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	47





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Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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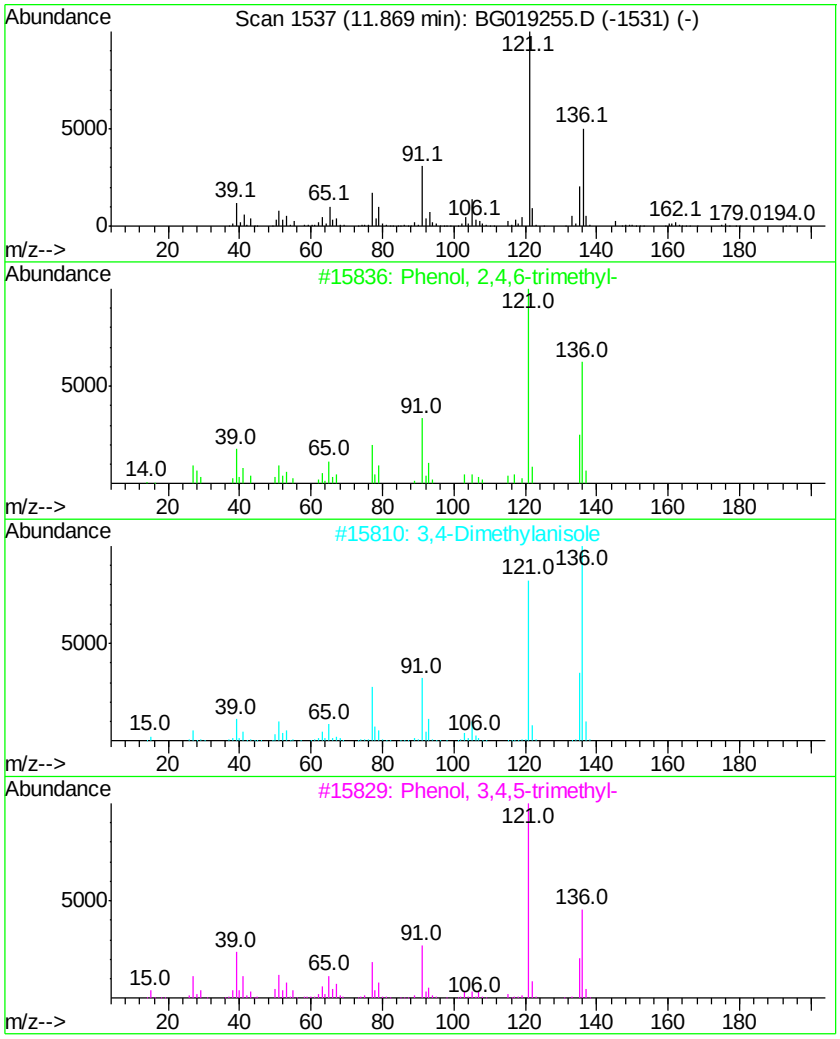
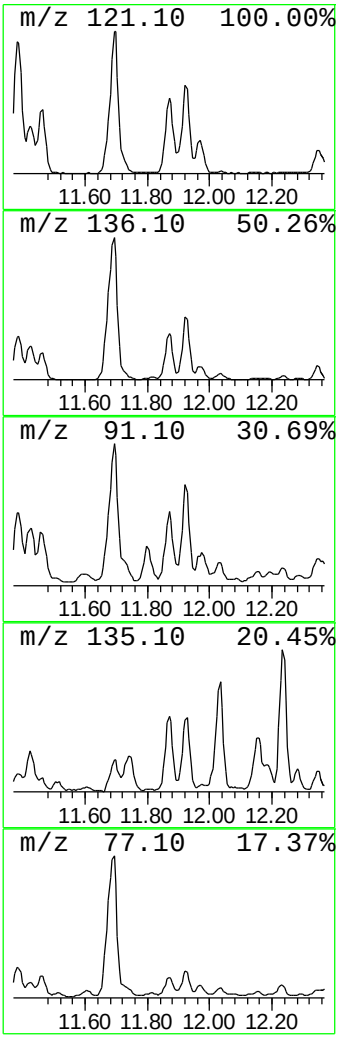
Peak Number 35 Phenol, 2,4,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	56.92 ng/ul	649507	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87





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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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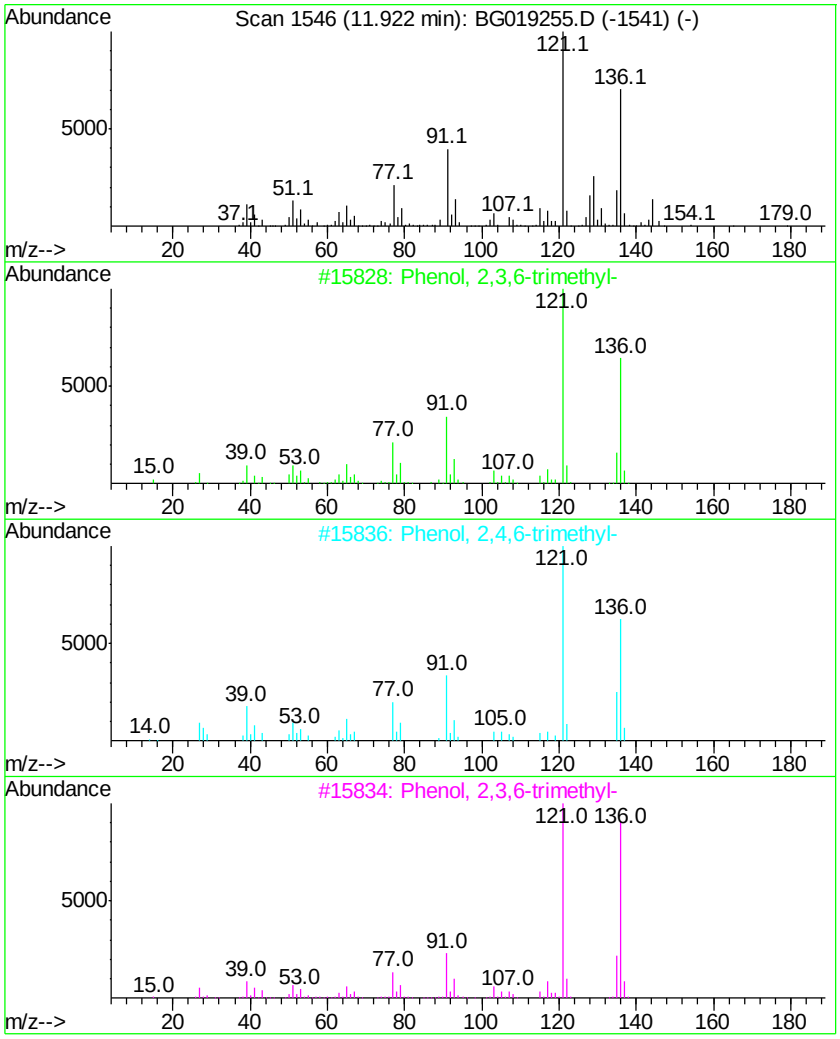
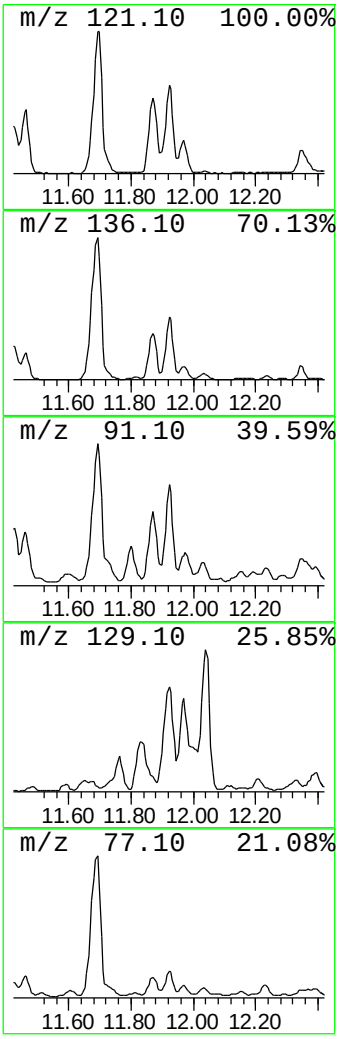
Peak Number 36 Phenol, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	80.36 ng/ul	916850	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93





Library Search Compound Report

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Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

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Quant Title : SVOA CALIBRATION

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

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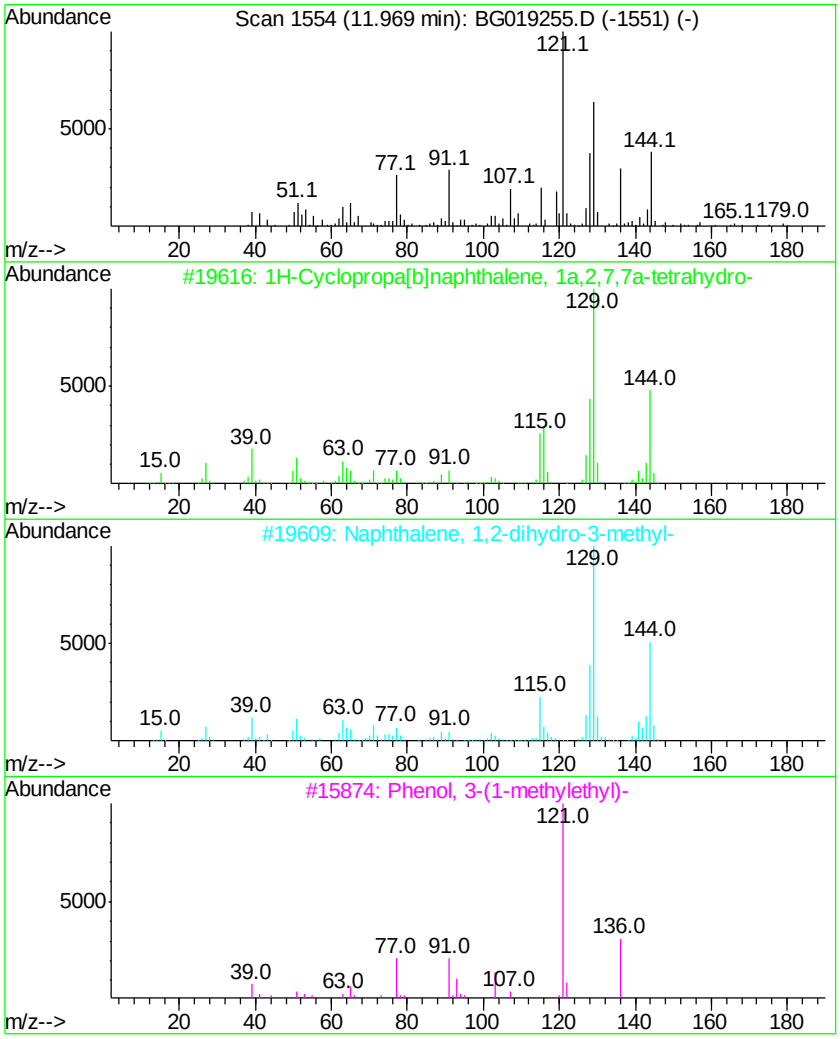
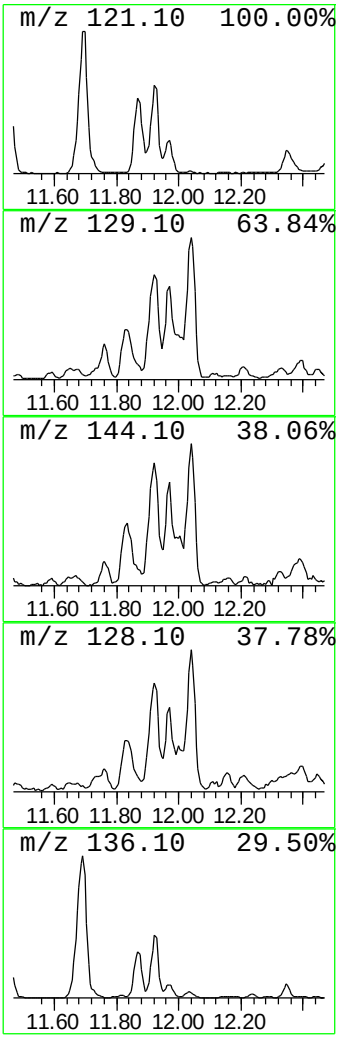
Peak Number 37 unknown-04 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	28.47 ng/ul	324880	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	46
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	38
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	38
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	38
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	35





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Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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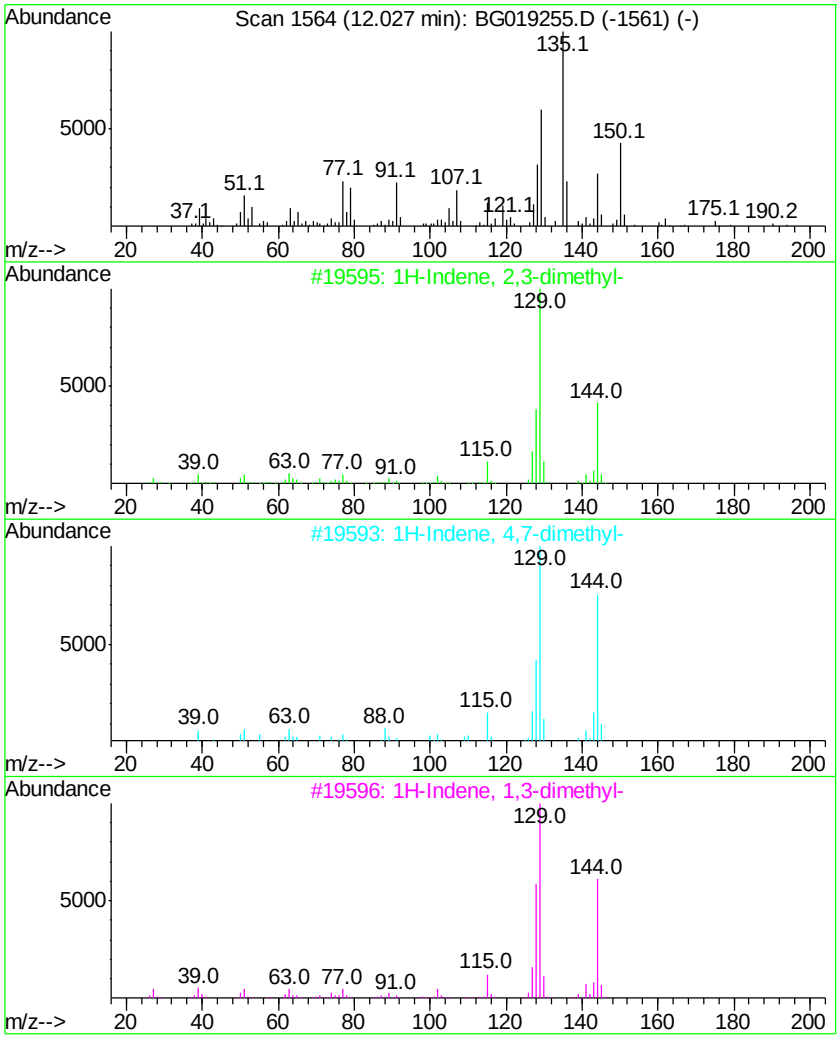
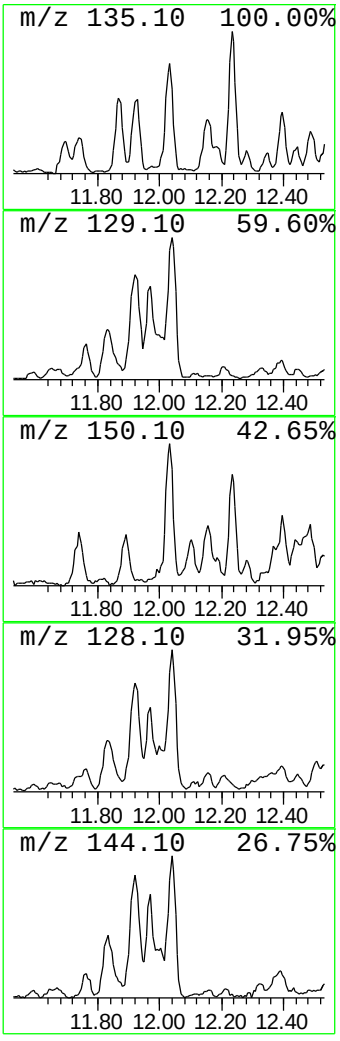
Peak Number 38 1H-Indene, 2,3-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	31.69 ng/ul	361597	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	64
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	50
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	50
4	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	46
5	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

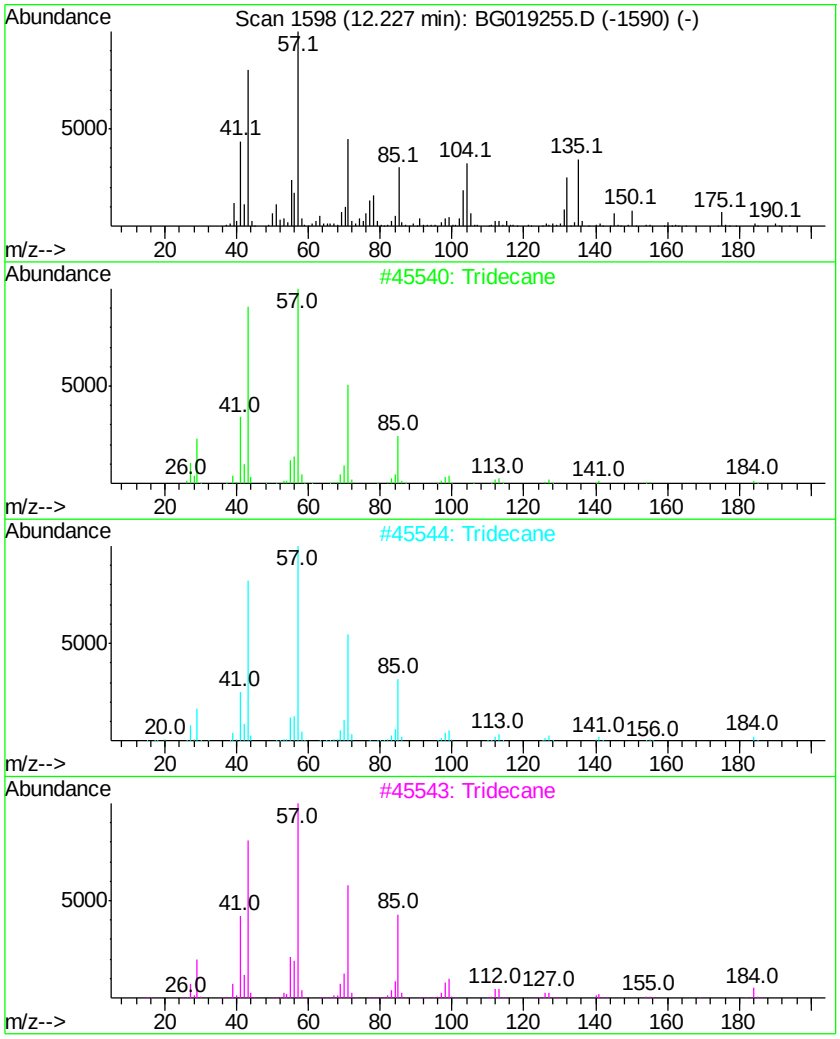
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

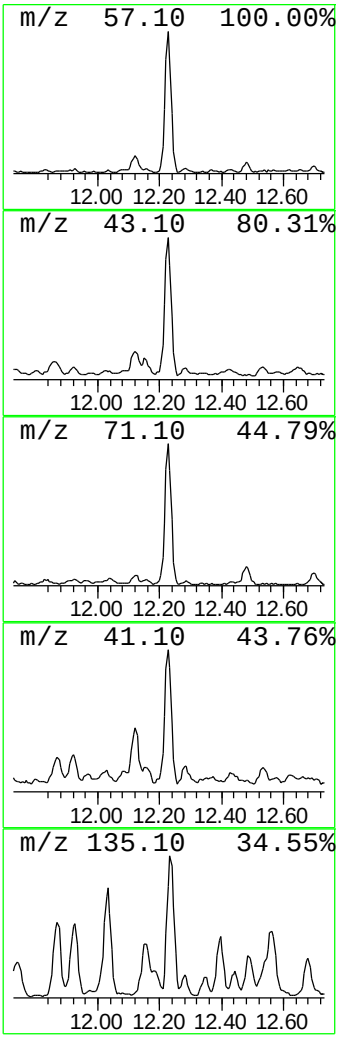
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	73.58 ng/ul	839593	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tridecane	184	C13H28	000629-50-5	46
3	Tridecane	184	C13H28	000629-50-5	45
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

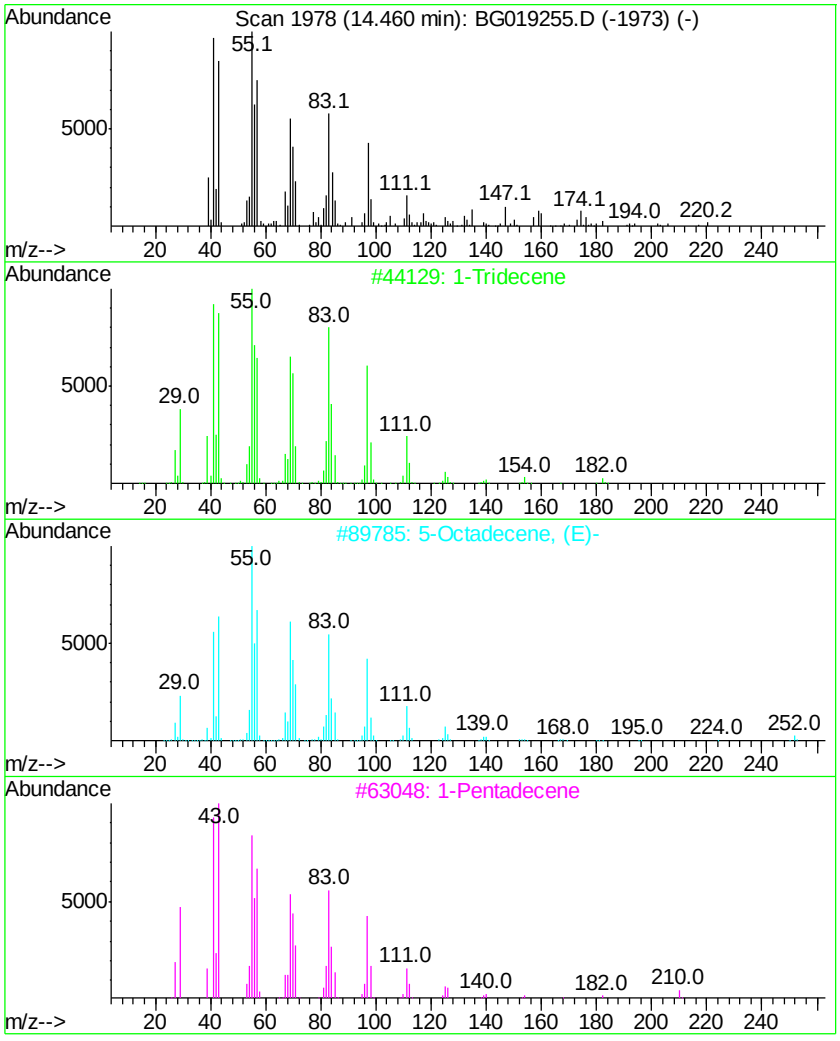
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

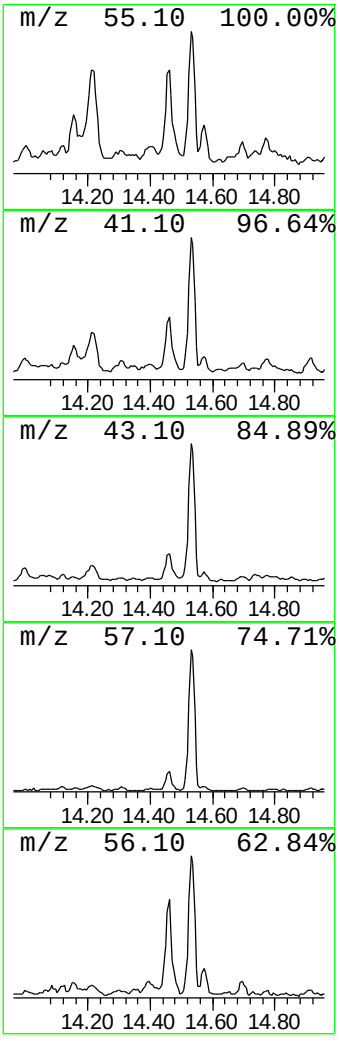
****

Peak Number 52 (DEL) Alkane: Cyclic14.46 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	35.59 ng/ul	369280	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
3	1-Pentadecene	210	C15H30	013360-61-7	83
4	1-Dodecene	168	C12H24	000112-41-4	83
5	4-Tetradecene, (E)-	196	C14H28	041446-78-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

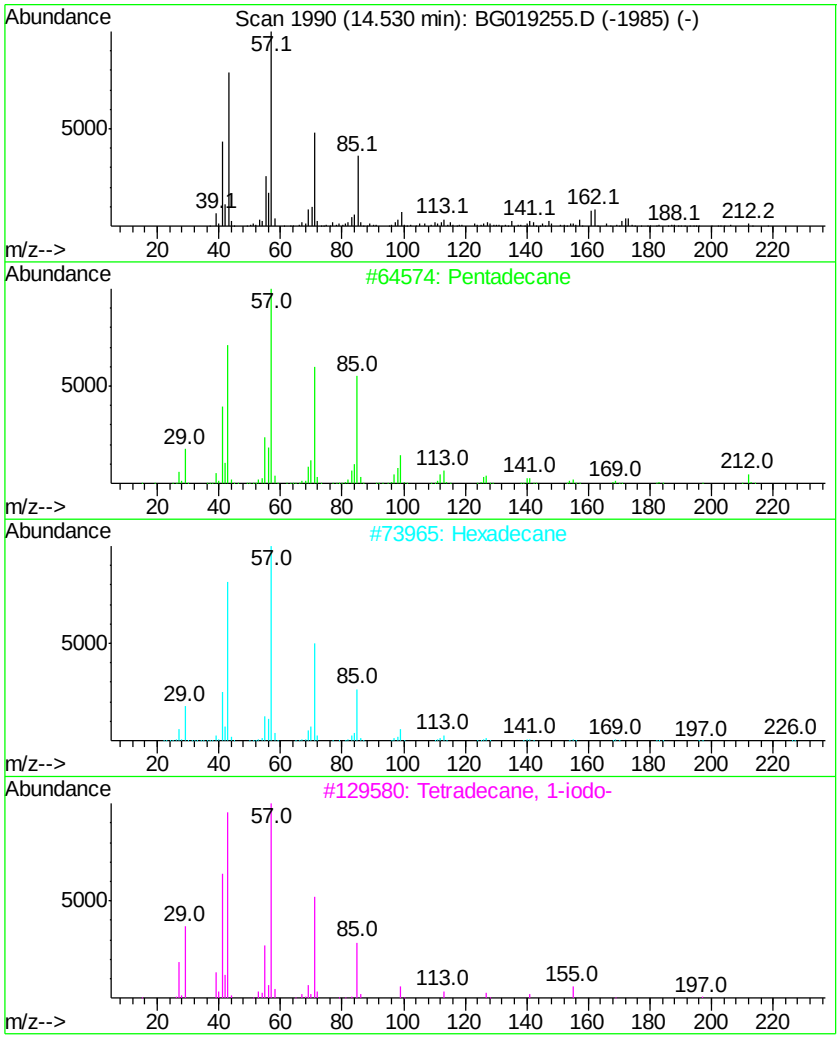
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

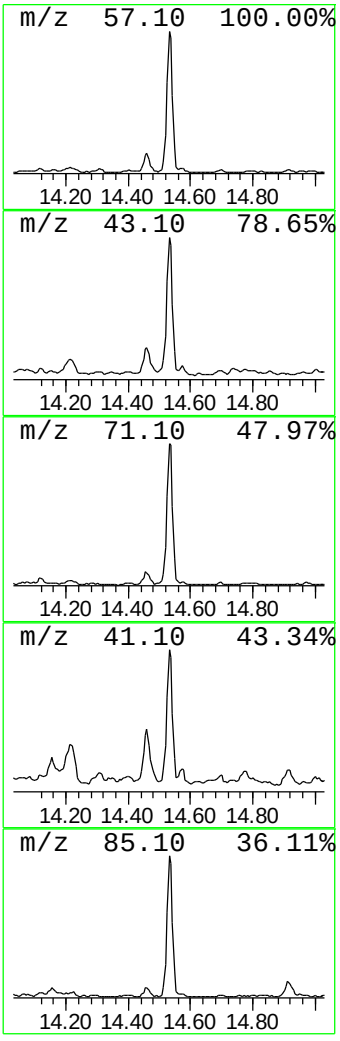
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	69.99 ng/ul	726285	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68
4	Hexadecane	226	C16H34	000544-76-3	68
5	Tridecane	184	C13H28	000629-50-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

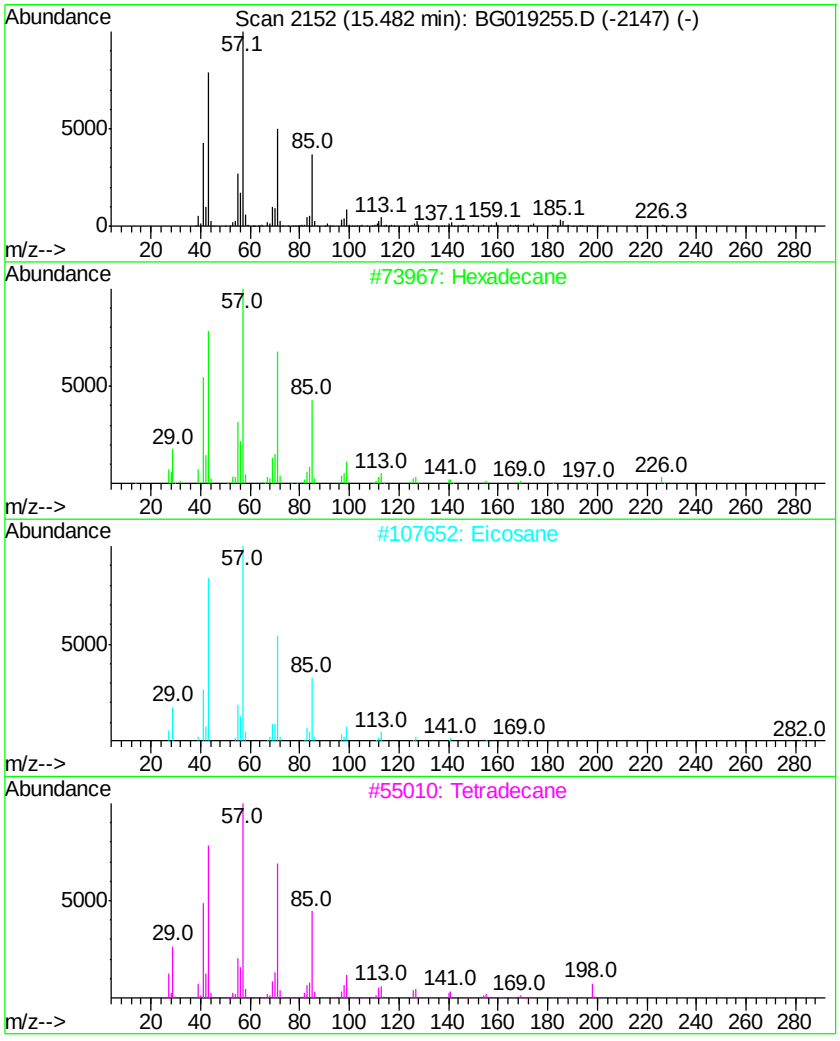
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

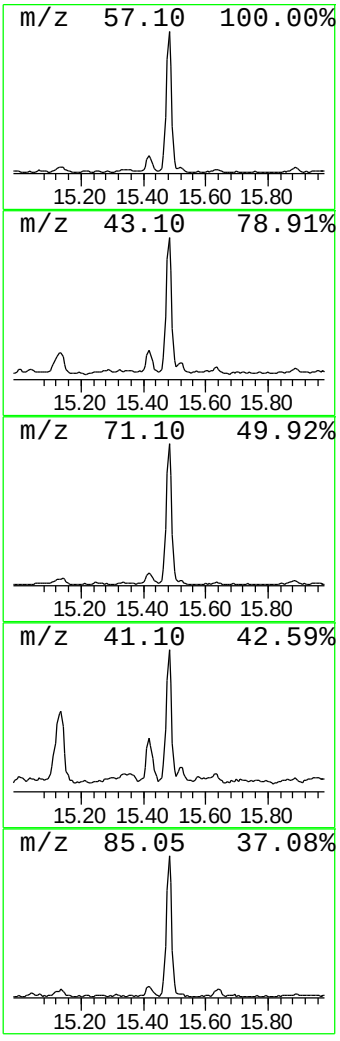
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	57.15 ng/ul	592976	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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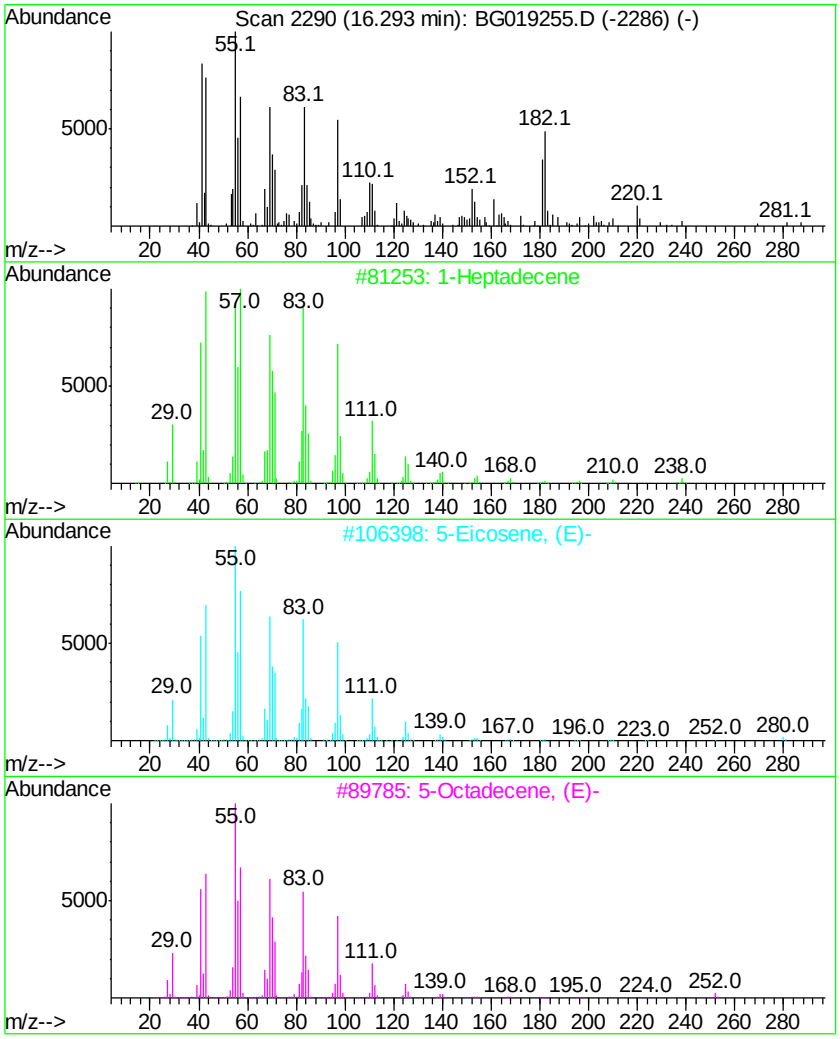
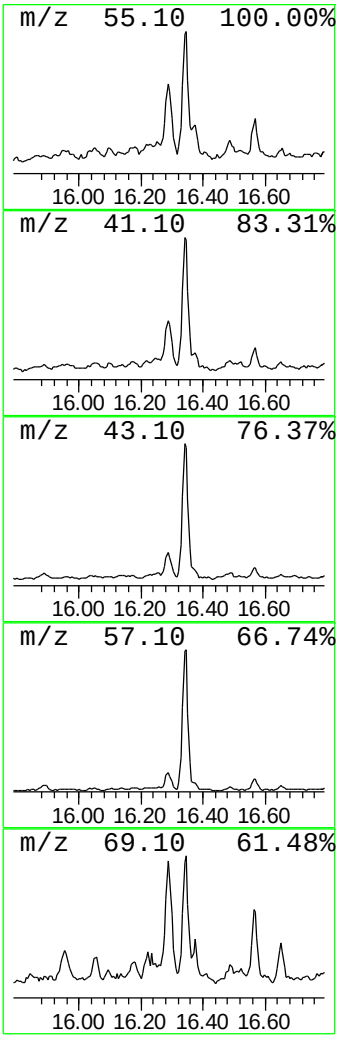
Peak Number 57 (DEL) Alkane: Cyclic16.29 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	23.42 ng/ul	274225	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	83
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	70
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

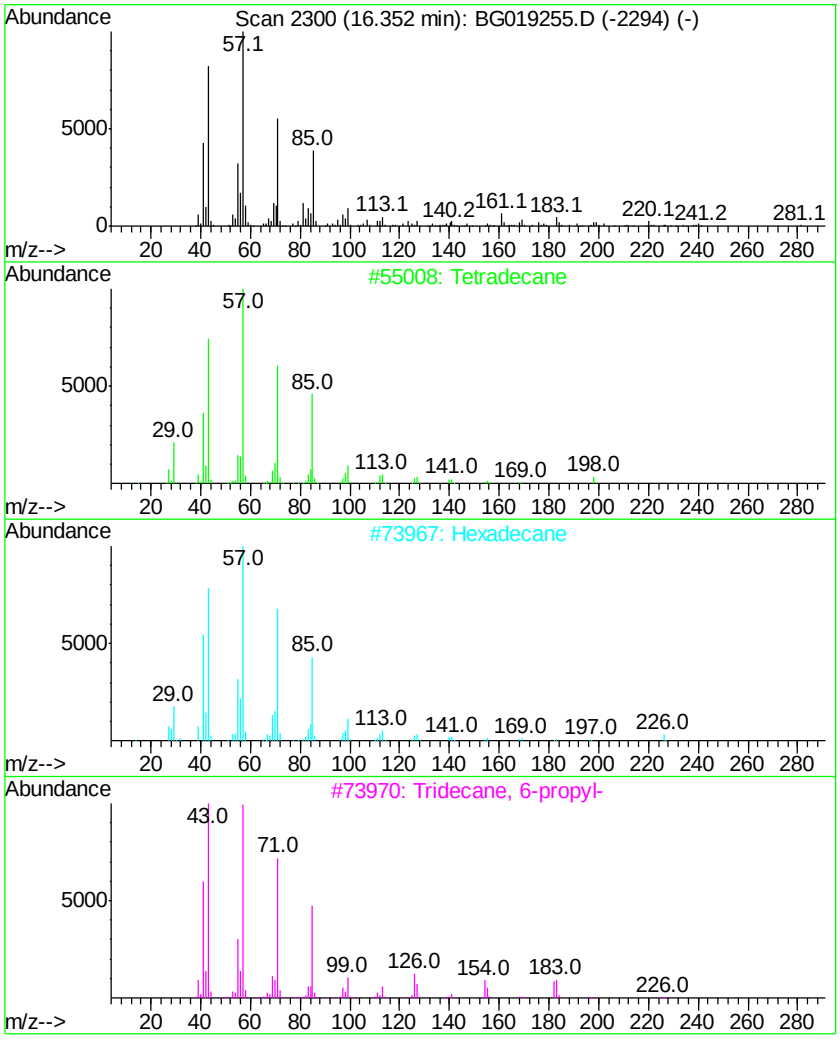
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

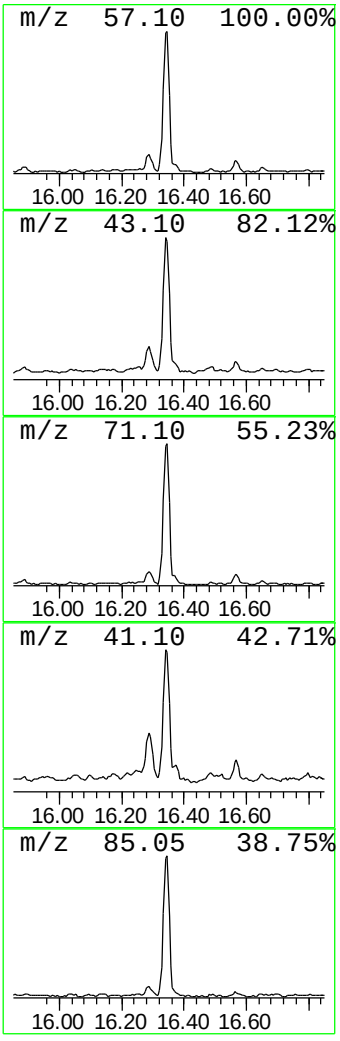
****

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	63.60 ng/ul	744700	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

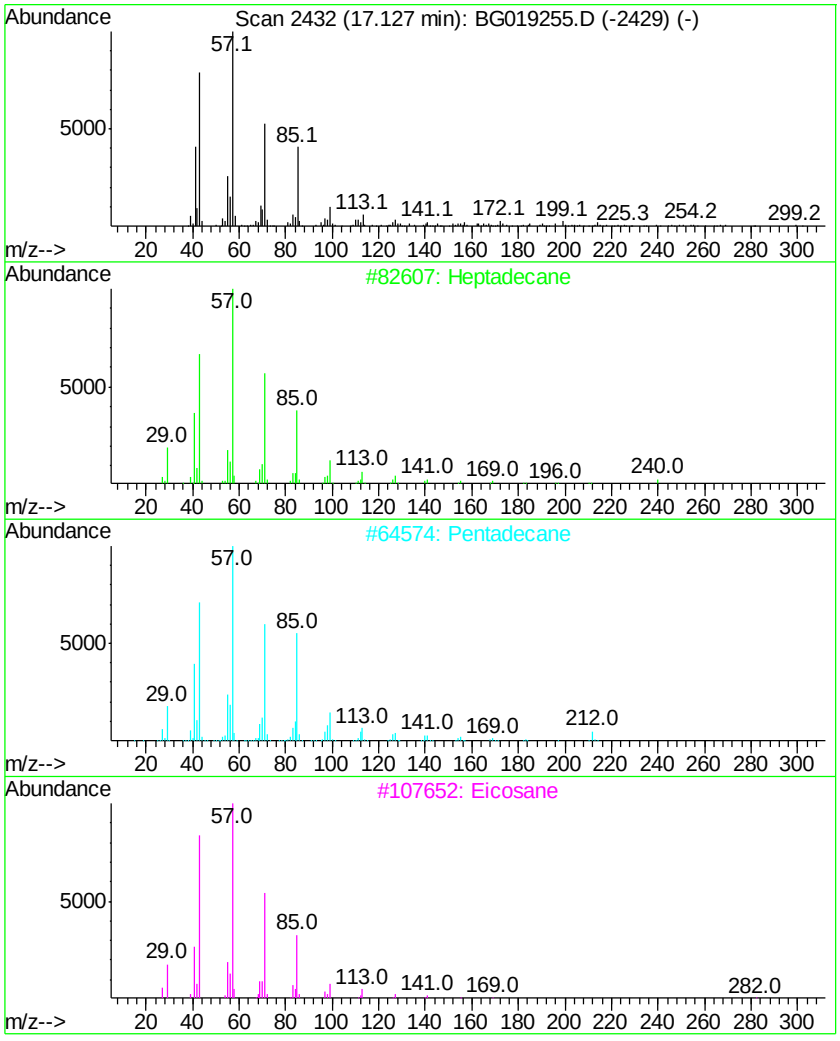
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

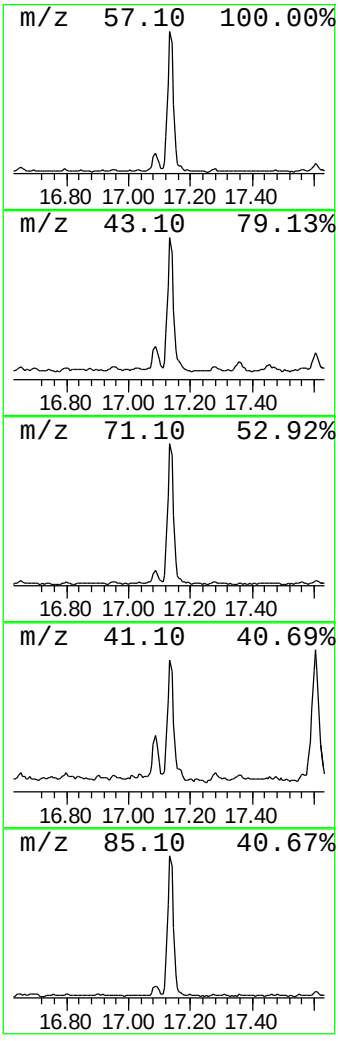
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	56.54 ng/ul	662100	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Eicosane	282	C20H42	000112-95-8	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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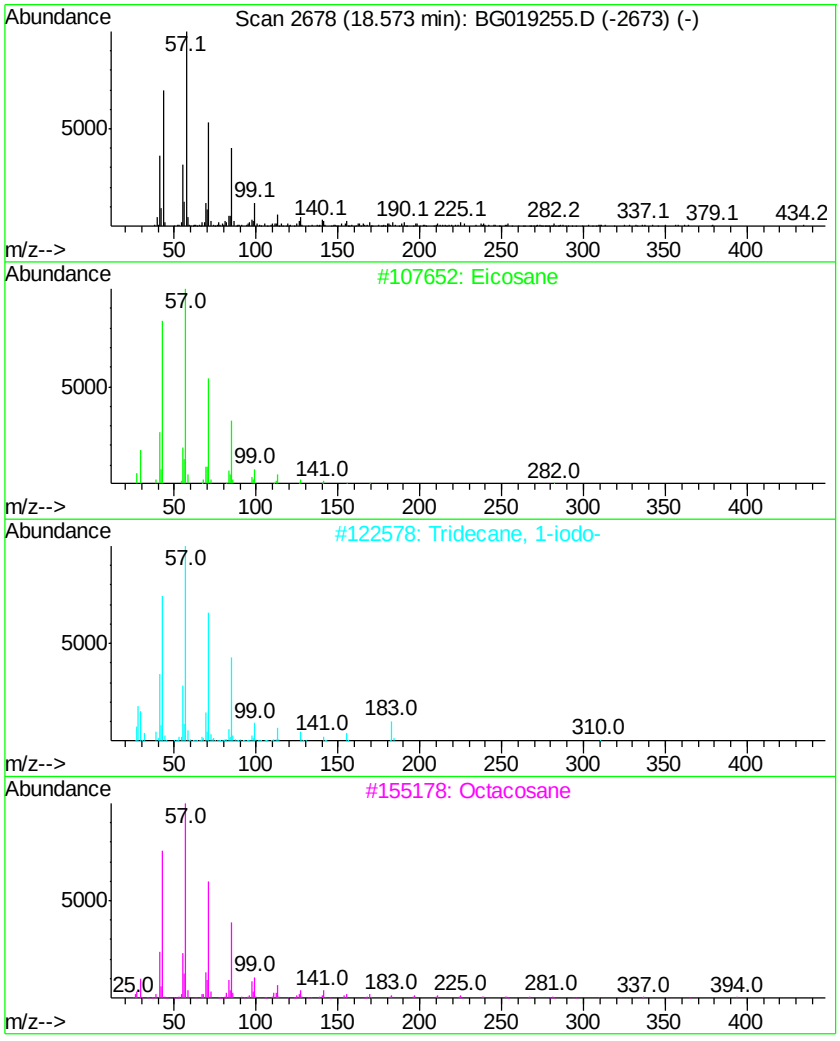
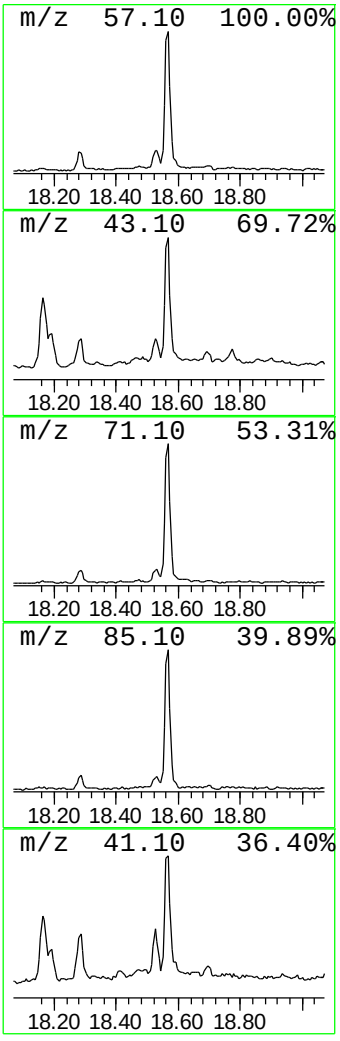
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	33.57 ng/ul	393055	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

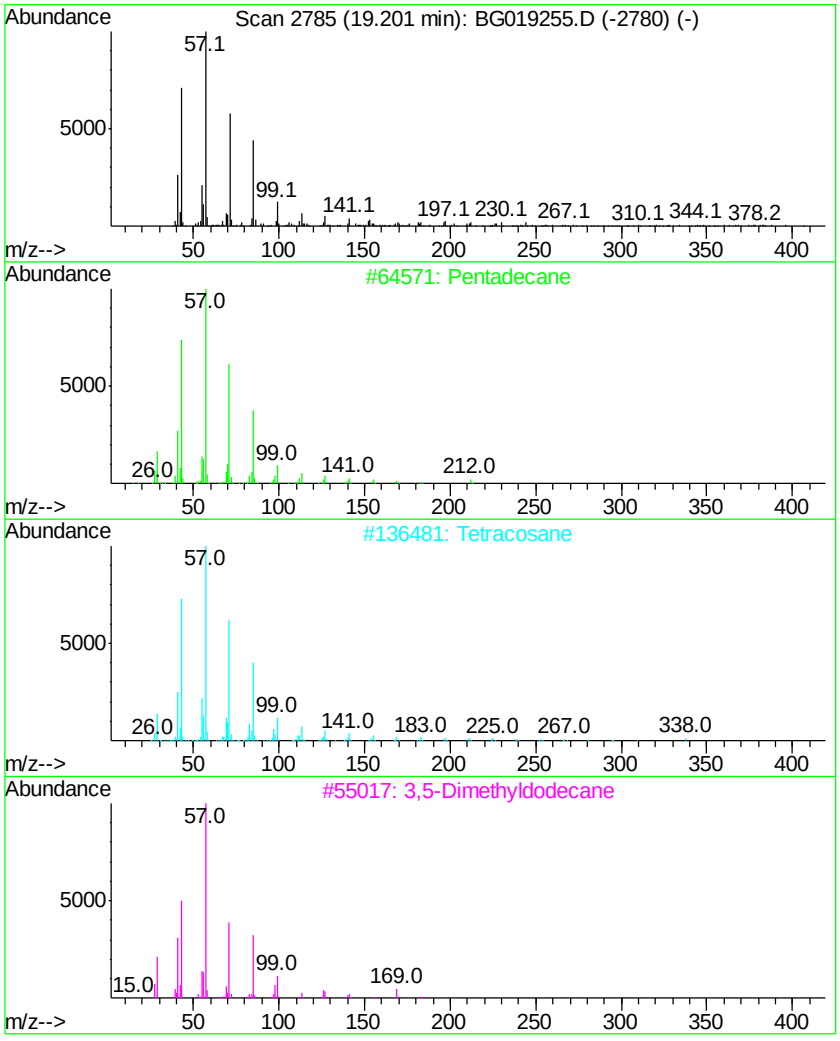
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

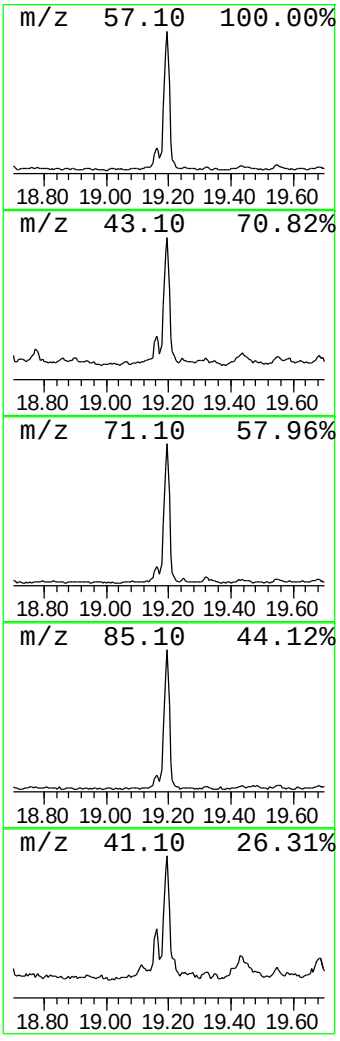
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	29.15 ng/ul	341332	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetracosane	338	C24H50	000646-31-1	87
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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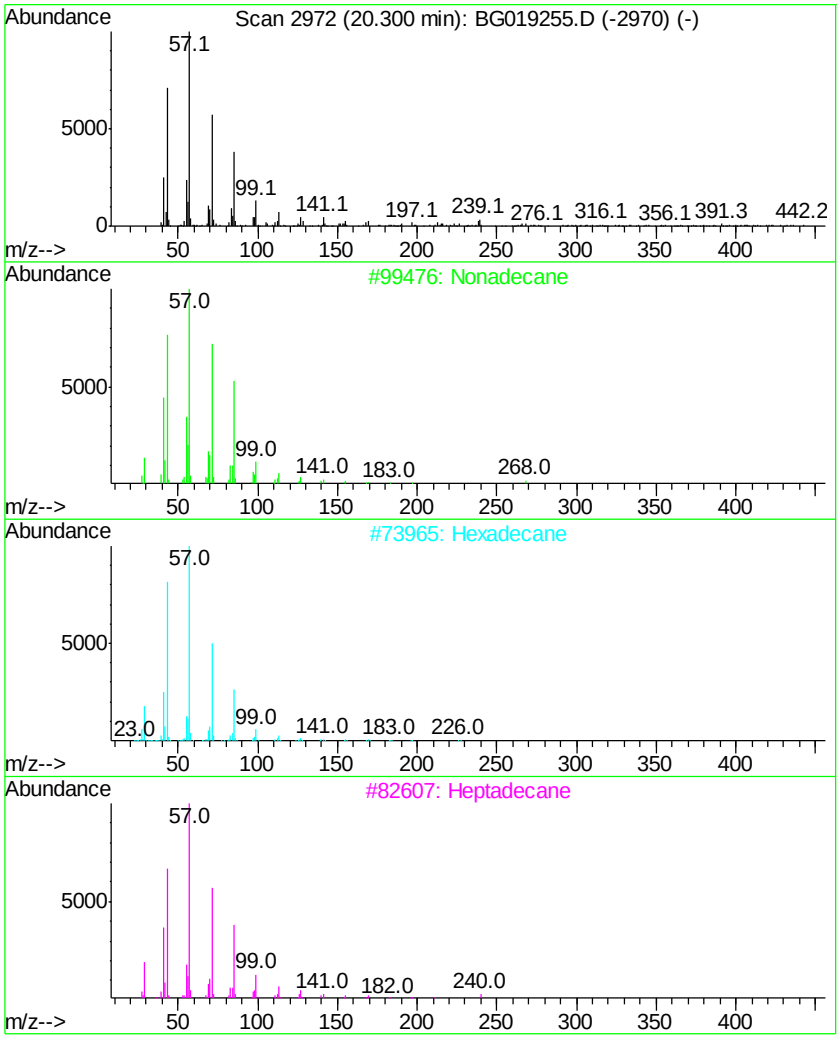
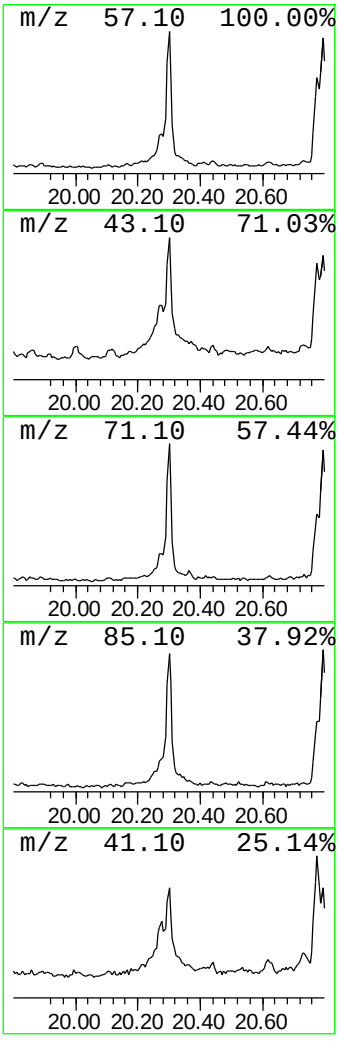
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	24.08 ng/ul	526932	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tricosane	324	C23H48	000638-67-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

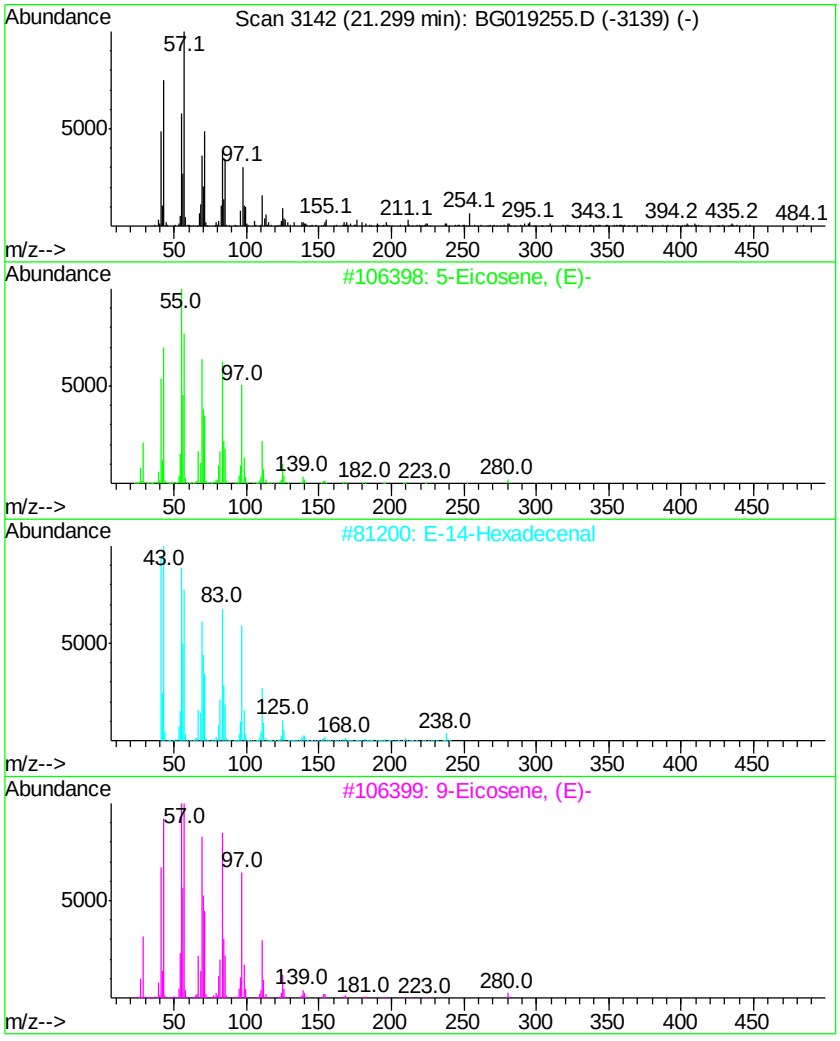
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

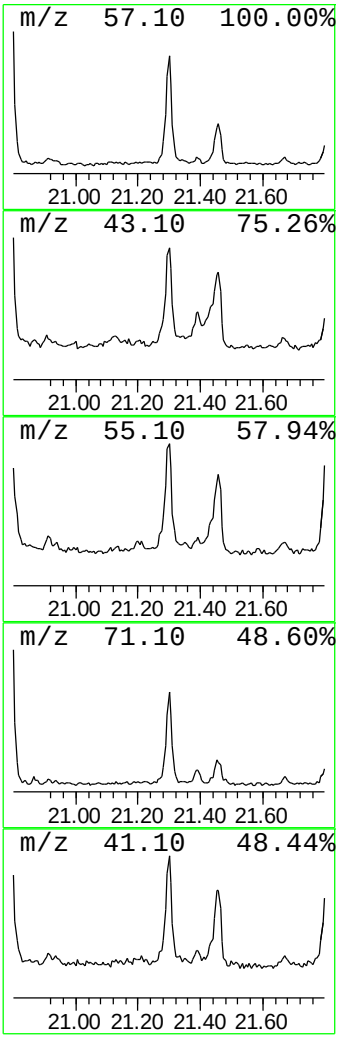
****

Peak Number 71 (DEL) Alkane: Cyclic21.30 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	12.48 ng/ul	273059	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Cyclotriacontane	420	C30H60	000297-35-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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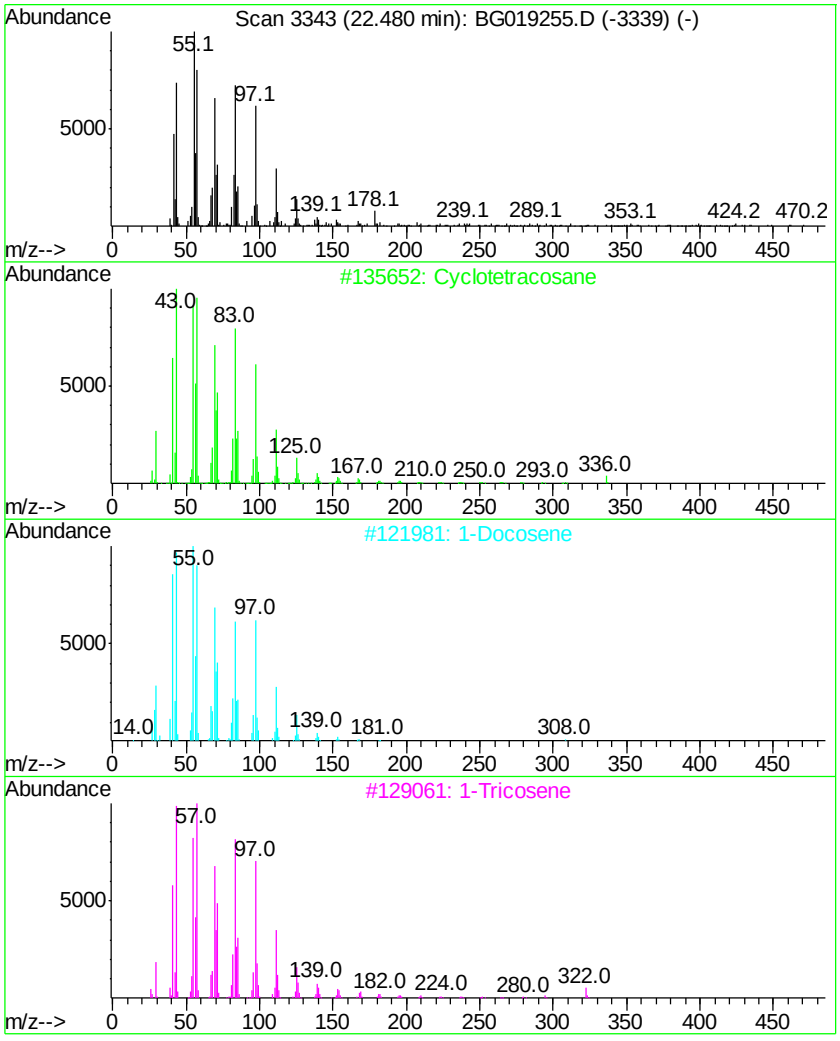
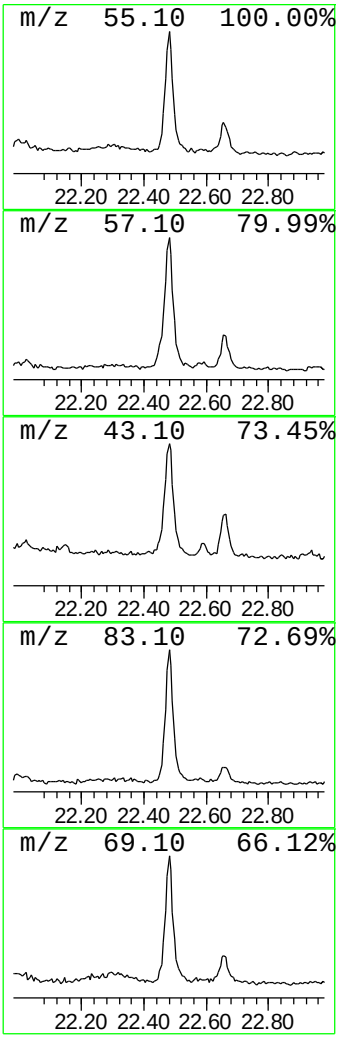
Peak Number 72 (DEL) Alkane: Cyclic22.48 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	28.96 ng/ul	633527	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	1-Docosene	308	C22H44	001599-67-3	90
3	1-Tricosene	322	C23H46	018835-32-0	87
4	Cyclotetracosane	336	C24H48	000297-03-0	87
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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...	3.18	27.5	ng/ul	322759	1	8.01	234516	20.0
unknown-01	7.74	39.1	ng/ul	458865	1	8.01	234516	20.0
Benzene, 1,2-diet...	8.65	19.9	ng/ul	232970	1	8.01	234516	20.0
Benzaldehyde, 2-m...	9.11	37.5	ng/ul	440091	1	8.01	234516	20.0
Benzofuran, 7-met...	9.37	51.1	ng/ul	599615	1	8.01	234516	20.0
Phenol, 2,6-dimet...	9.46	155.2	ng/ul	1770870	2	10.83	228198	20.0
Benzofuran, 2-met...	9.57	70.7	ng/ul	806231	2	10.83	228198	20.0
Phenol, 2-ethyl-	9.81	51.9	ng/ul	592237	2	10.83	228198	20.0
Benzene, (1-methy...	10.22	57.4	ng/ul	654893	2	10.83	228198	20.0
Phenol, 3-ethyl-	10.32	355.3	ng/ul	4054010	2	10.83	228198	20.0
Benzene, 1-methox...	10.36	158.3	ng/ul	1806700	2	10.83	228198	20.0
unknown-02	10.39	15.5	ng/ul	176849	2	10.83	228198	20.0
Ethanone, 1-(2-me...	10.55	18.9	ng/ul	215577	2	10.83	228198	20.0
Phenol, 2-ethyl-6...	10.66	53.3	ng/ul	607916	2	10.83	228198	20.0
Phenol, 3,4-dimet...	10.73	81.5	ng/ul	930003	2	10.83	228198	20.0
2-Propenal, 2-met...	11.07	40.5	ng/ul	462261	2	10.83	228198	20.0
Phenol, 3-(1-meth...	11.20	78.8	ng/ul	899050	2	10.83	228198	20.0
1H-Benzimidazole,...	11.23	80.7	ng/ul	921183	2	10.83	228198	20.0
unknown-03	11.30	52.1	ng/ul	594471	2	10.83	228198	20.0
Phenol, 4-ethyl-3...	11.38	75.9	ng/ul	865622	2	10.83	228198	20.0
3,4-Dimethylanisole	11.42	29.9	ng/ul	340729	2	10.83	228198	20.0
1,3-Cyclohexadien...	11.46	37.3	ng/ul	425394	2	10.83	228198	20.0
Benzaldehyde, 3,5...	11.60	22.0	ng/ul	250936	2	10.83	228198	20.0
Phenol, 3-propyl-	11.69	277.5	ng/ul	3166430	2	10.83	228198	20.0
Phenol, 2,4,6-tri...	11.87	56.9	ng/ul	649507	2	10.83	228198	20.0
Phenol, 2,3,6-tri...	11.92	80.4	ng/ul	916850	2	10.83	228198	20.0
unknown-04	11.97	28.5	ng/ul	324880	2	10.83	228198	20.0
1H-Indene, 2,3-di...	12.03	31.7	ng/ul	361597	2	10.83	228198	20.0
(DEL) Alkane: Str...	12.23	73.6	ng/ul	839593	2	10.83	228198	20.0
(DEL) Alkane: Cyc...	14.46	35.6	ng/ul	369280	3	14.65	207528	20.0
(DEL) Alkane: Str...	14.53	70.0	ng/ul	726285	3	14.65	207528	20.0
(DEL) Alkane: Str...	15.48	57.1	ng/ul	592976	3	14.65	207528	20.0
(DEL) Alkane: Cyc...	16.29	23.4	ng/ul	274225	4	17.39	234196	20.0
(DEL) Alkane: Str...	16.35	63.6	ng/ul	744700	4	17.39	234196	20.0
(DEL) Alkane: Str...	17.13	56.5	ng/ul	662100	4	17.39	234196	20.0
(DEL) Alkane: Str...	18.57	33.6	ng/ul	393055	4	17.39	234196	20.0
(DEL) Alkane: Str...	19.20	29.1	ng/ul	341332	4	17.39	234196	20.0
(DEL) Alkane: Str...	20.30	24.1	ng/ul	526932	5	21.66	437573	20.0
(DEL) Alkane: Cyc...	21.30	12.5	ng/ul	273059	5	21.66	437573	20.0
(DEL) Alkane: Cyc...	22.48	29.0	ng/ul	633527	5	21.66	437573	20.0