LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.182	565	569	576	rVV2	64498	153767	5.25%	0.232%
2	6.916	687	694	705	rVB	91929	181812	6.20%	0.274%
3	7.392	769	775	788	rVB	360315	680484	23.22%	1.025%
4	7.850	848	853	860	rVB	102244	187698	6.40%	0.283%
5	7.927	860	866	872	rVB3	133485	225639	7.70%	0.340%
6	8.209	901	914	928	rBV3	172763	482362	16.46%	0.727%
7	8.497	956	963	972	rVB2	184696	433580	14.79%	0.653%
8	8.661	984	991	999	rVB	899659	1541561	52.59%	2.323%
9	8.749	999	1006	1013	rVB	84120	170908	5.83%	0.257%
10	8.867	1018	1026	1034	rBV4	145257	337305	11.51%	0.508%
11	9.002	1039	1049	1055	rBV	1474602	2931166	100.00%	4.416%
12	9.313	1094	1102	1113	rVV	628495	1397255	47.67%	2.105%
13	9.425	1113	1121	1127	rVV5	64098	192639	6.57%	0.290%
14	9.507	1129	1135	1142	rVV3	136822	311067	10.61%	0.469%
15	9.578	1143	1147	1152	rVV5	82576	161555	5.51%	0.243%
16	9.648	1152	1159	1163	rVV	368189	694213	23.68%	1.046%
17	9.689	1163	1166	1173	rVV	160440	333272	11.37%	0.502%
18	9.766	1173	1179	1188	rVV	326078	594227	20.27%	0.895%
19	9.995	1210	1218	1225	rVV2	314504	572711	19.54%	0.863%
20	10.130	1231	1241	1247	rBV2	97119	279330	9.53%	0.421%
21	10.207	1247	1254	1256	rBV	725958	1281141	43.71%	1.930%
22	10.236	1256	1259	1264	rVB	719542	1093725	37.31%	1.648%
23	10.477	1286	1300	1303	rBV4	689865	1917008	65.40%	2.888%
24	10.518	1303	1307	1315	rVV2	622644	1162245	39.65%	1.751%
25	10.671	1326	1333	1338	rBV	403281	709706	24.21%	1.069%
26	10.747	1338	1346	1354	rVB2	291590	592078	20.20%	0.892%
27	10.876	1358	1368	1372	rBV2	538535	1325284	45.21%	1.997%
28	10.941	1375	1379	1384	rVV	596721	953509	32.53%	1.437%
29	11.041	1391	1396	1400	rBV	182867	288993	9.86%	0.435%
30	11.088	1400	1404	1411	rVB	471250	834079	28.46%	1.257%
31	11.176	1411	1419	1427	rBV	233591	470230	16.04%	0.708%
32	11.276	1431	1436	1450	rVB4	155209	516093	17.61%	0.778%
33	11.399	1450	1457	1461	rBV3	284882	563392	19.22%	0.849%
34	11.446	1461	1465	1469	rBV	202363	297073	10.13%	0.448%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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	11.570	1479	1486	1491	rVB2	254126	589180	20.10%	0.888%
36	11.628	1491	1496	1498	rBV3	172279	299791	10.23%	0.452%
37	11.863	1529	1536	1541	rVV	721188	1241549	42.36%	1.871%
38	12.051	1562	1568	1573	rBV	375051	670037	22.86%	1.009%
39	12.104	1573	1577	1585	rVV2	314605	658901	22.48%	0.993%
40	12.192	1586	1592	1601	rVV	1036220	2010194	68.58%	3.029%
41	12.269	1601	1605	1610	rVV	344896	553266	18.88%	0.834%
42	12.416	1625	1630	1635	rVB3	312046	494029	16.85%	0.744%
43	12.545	1645	1652	1663	rBV8	163155	548159	18.70%	0.826%
44	12.686	1670	1676	1680	rBV2	504697	986971	33.67%	1.487%
45	12.897	1707	1712	1721	rVB3	316951	531464	18.13%	0.801%
46	12.992	1722	1728	1732	rBV3	115752	211004	7.20%	0.318%
47	13.039	1732	1736	1740	rVV4	156804	296320	10.11%	0.446%
48	13.109	1742	1748	1756	rVV	773448	1363407	46.51%	2.054%
49	13.197	1759	1763	1767	rVV3	212335	387816	13.23%	0.584%
50	13.256	1771	1773	1777	rVV3	177940	279241	9.53%	0.421%
51	13.326	1777	1785	1792	rVB	651896	1285574	43.86%	1.937%
52	13.444	1800	1805	1813	rVB2	258862	502631	17.15%	0.757%
53	13.561	1819	1825	1832	rBV8	134964	329773	11.25%	0.497%
54	13.638	1832	1838	1842	rBV4	312193	581391	19.83%	0.876%
55	13.814	1863	1868	1873	rVB6	123669	227452	7.76%	0.343%
56	13.885	1874	1880	1888	rBV7	90599	273060	9.32%	0.411%
57	13.973	1890	1895	1898	rVV4	186150	308774	10.53%	0.465%
58	14.020	1899	1903	1910	rVB5	197515	395061	13.48%	0.595%
59	14.184	1922	1931	1942	rBV2	1364098	2641940	90.13%	3.980%
60	14.337	1948	1957	1962	rBV7	231875	539038	18.39%	0.812%
61	14.637	2004	2008	2010	rBV4	121616	175845	6.00%	0.265%
62	14.707	2015	2020	2023	rVB2	248088	370546	12.64%	0.558%
63	14.836	2033	2042	2051	rBV2	473133	1038543	35.43%	1.565%
64	14.977	2060	2066	2072	rVV	1799430	2589735	88.35%	3.902%
65	15.130	2087	2092	2096	rBV7	89898	179493	6.12%	0.270%
66	15.230	2103	2109	2112	rBV3	231728	449626	15.34%	0.677%
67	15.306	2118	2122	2126	rBV3	275006	352629	12.03%	0.531%
68	15.594	2167	2171	2177	rVB5	178966	337067	11.50%	0.508%
69	15.653	2177	2181	2184	rBV	240611	326333	11.13%	0.492%
70	15.694	2184	2188	2193	rVB2	222595	320009	10.92%	0.482%
71	15.765	2194	2200	2205	rBV	1157346	1636088	55.82%	2.465%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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	15.876	2213	2219	2224	rBV3	154990	315308	10.76%	0.475%
73	16.252	2279	2283	2287	rBV3	113894	184783	6.30%	0.278%
74	16.417	2307	2311	2315	rBV6	98613	169000	5.77%	0.255%
75	16.511	2324	2327	2331	rVB	235685	278236	9.49%	0.419%
76	16.652	2347	2351	2355	rBV2	153231	268768	9.17%	0.405%
77	16.858	2381	2386	2393	rVB4	234203	475590	16.23%	0.717%
78	17.304	2458	2462	2469	rVB	333504	441067	15.05%	0.665%
79	17.580	2503	2509	2513	rBV	559237	860691	29.36%	1.297%
80	17.621	2513	2516	2521	rVB	184608	235413	8.03%	0.355%
81	17.762	2535	2540	2546	rBV	664909	1192199	40.67%	1.796%
82	18.044	2584	2588	2598	rVB	317912	544935	18.59%	0.821%
83	18.332	2633	2637	2640	rBV	164753	210456	7.18%	0.317%
84	18.638	2685	2689	2694	rBV5	98439	211607	7.22%	0.319%
85	18.697	2695	2699	2701	rVV3	149157	191877	6.55%	0.289%
86	18.732	2701	2705	2712	rVV	334160	461095	15.73%	0.695%
87	19.272	2794	2797	2802	rVB	171879	224469	7.66%	0.338%
88	19.355	2807	2811	2814	rBV	459431	503725	17.19%	0.759%
89	19.901	2901	2904	2906	rBV	227749	247839	8.46%	0.373%
90	19.925	2906	2908	2916	rVB2	334432	444703	15.17%	0.670%
91	20.453	2996	2998	3006	rVB	386317	463178	15.80%	0.698%
92	20.953	3076	3083	3093	rVB2	1204930	2663691	90.87%	4.013%
93	21.470	3168	3171	3177	rVB2	337627	530334	18.09%	0.799%
94	21.623	3193	3197	3206	rVB3	332209	627867	21.42%	0.946%
95	21.869	3234	3239	3246	rVB	660317	1107374	37.78%	1.668%
96	22.028	3261	3266	3276	rBV3	434619	1042018	35.55%	1.570%
97	22.704	3376	3381	3387	rBV	455323	819825	27.97%	1.235%
98	22.898	3411	3414	3422	rVB2	157451	302365	10.32%	0.456%
99	24.331	3653	3658	3667	rVB2	211085	497804	16.98%	0.750%
100	25.254	3808	3815	3827	rVB2	353030	1009631	34.44%	1.521%

Sum of corrected areas: 66374892

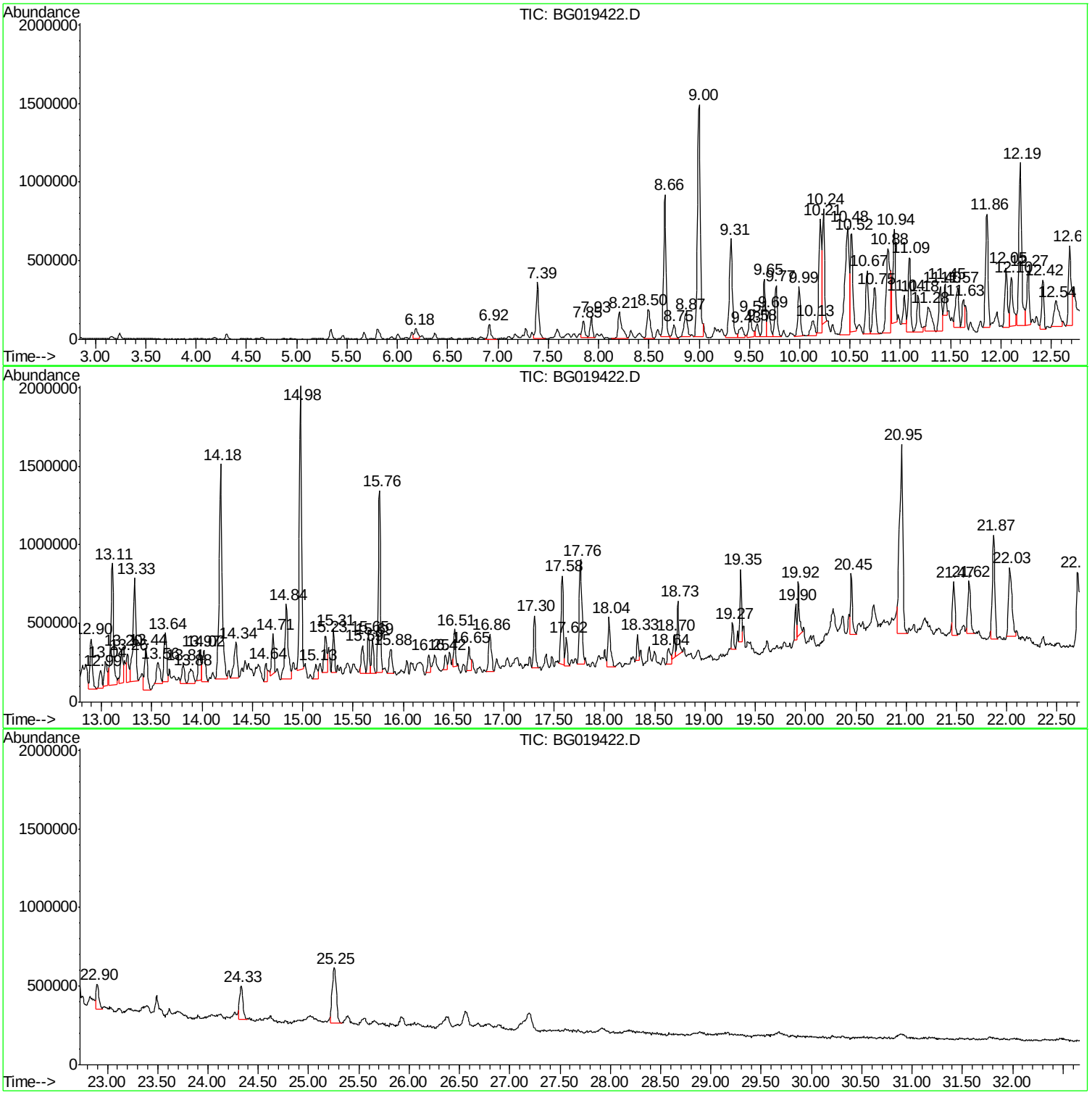
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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 : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

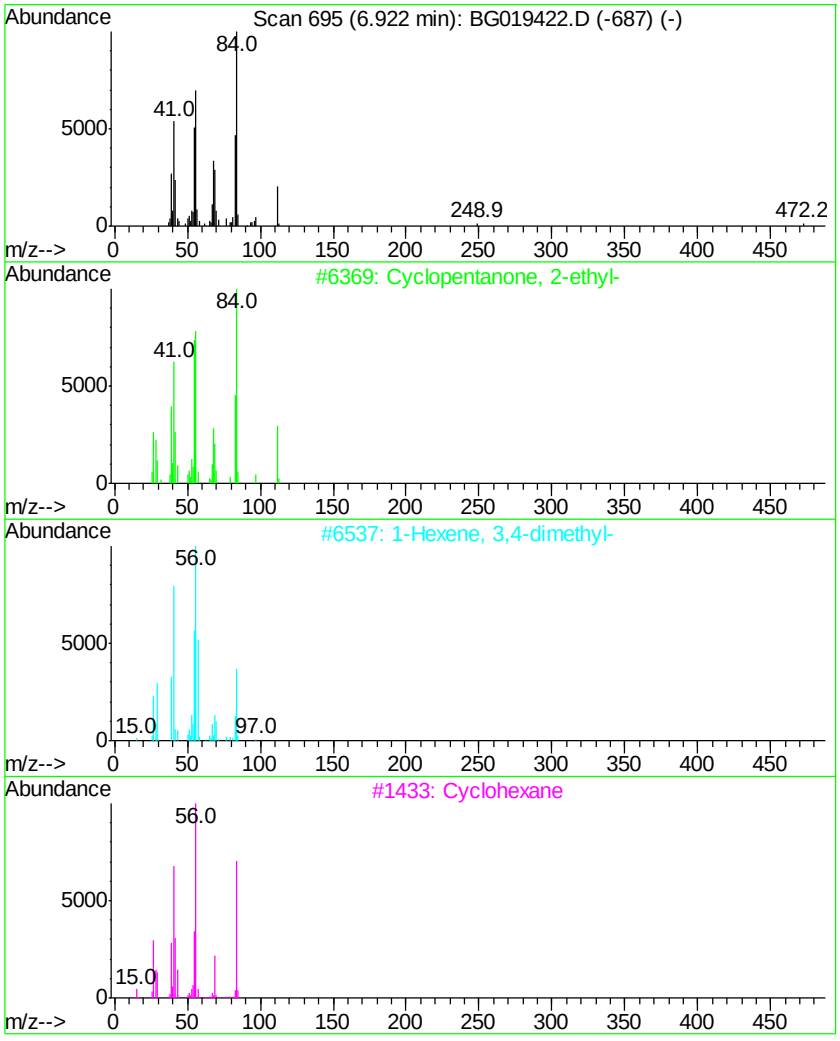
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

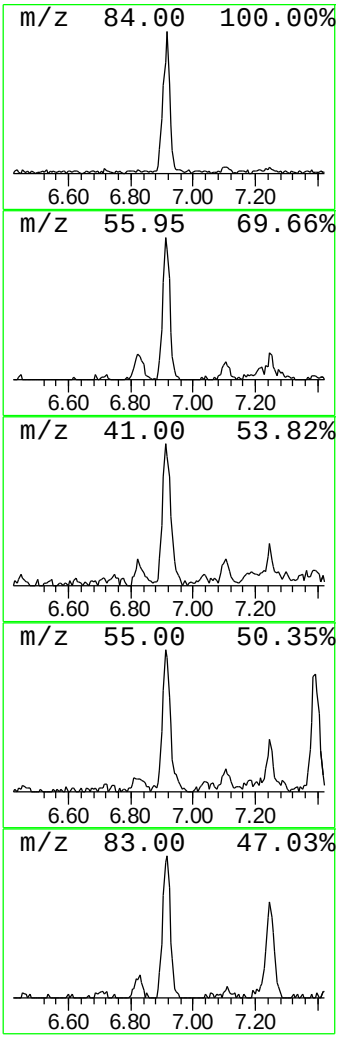
****

Peak Number 2 Cyclopentanone, 2-ethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	7.54 ng/ul	181812	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	93
2	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	59
3	Cyclohexane	84	C6H12	000110-82-7	53
4	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	53
5	Cyclohexane	84	C6H12	000110-82-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

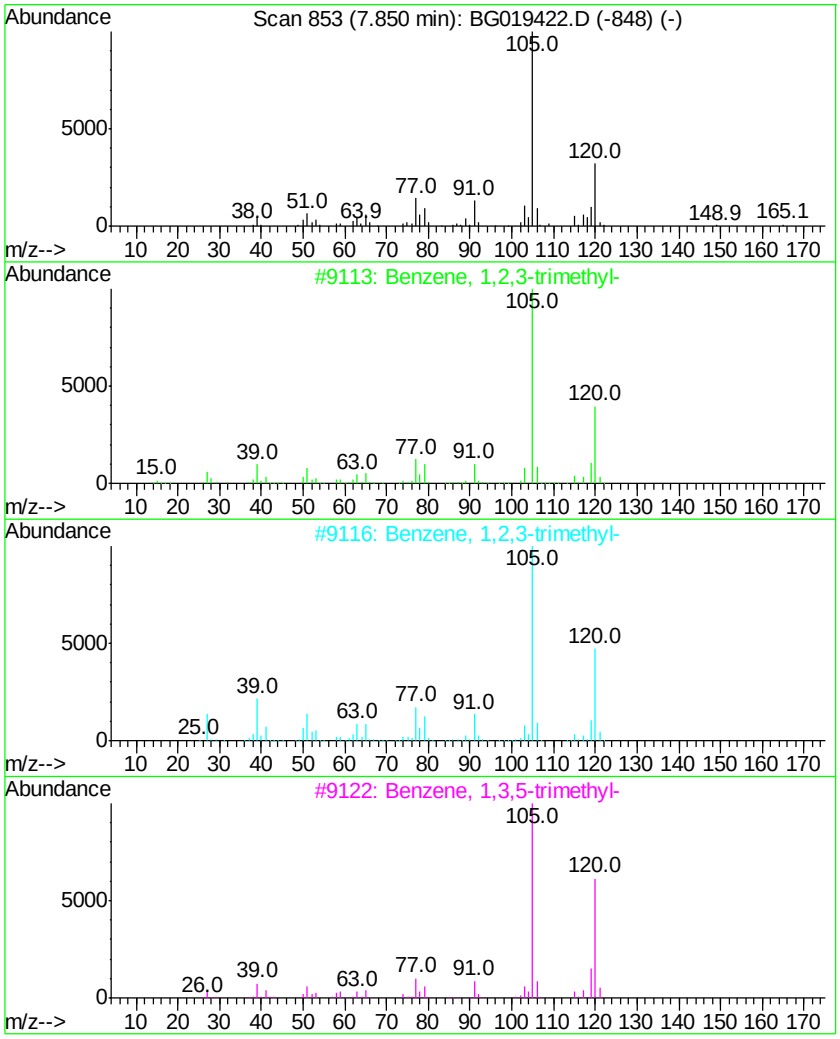
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

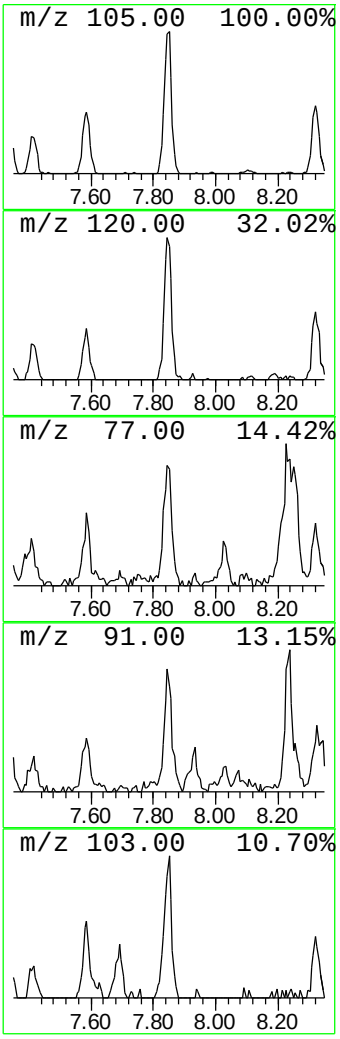
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	7.78 ng/ul	187698	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
4	2,4-Nonadiyne	120	C9H12	063621-15-8	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

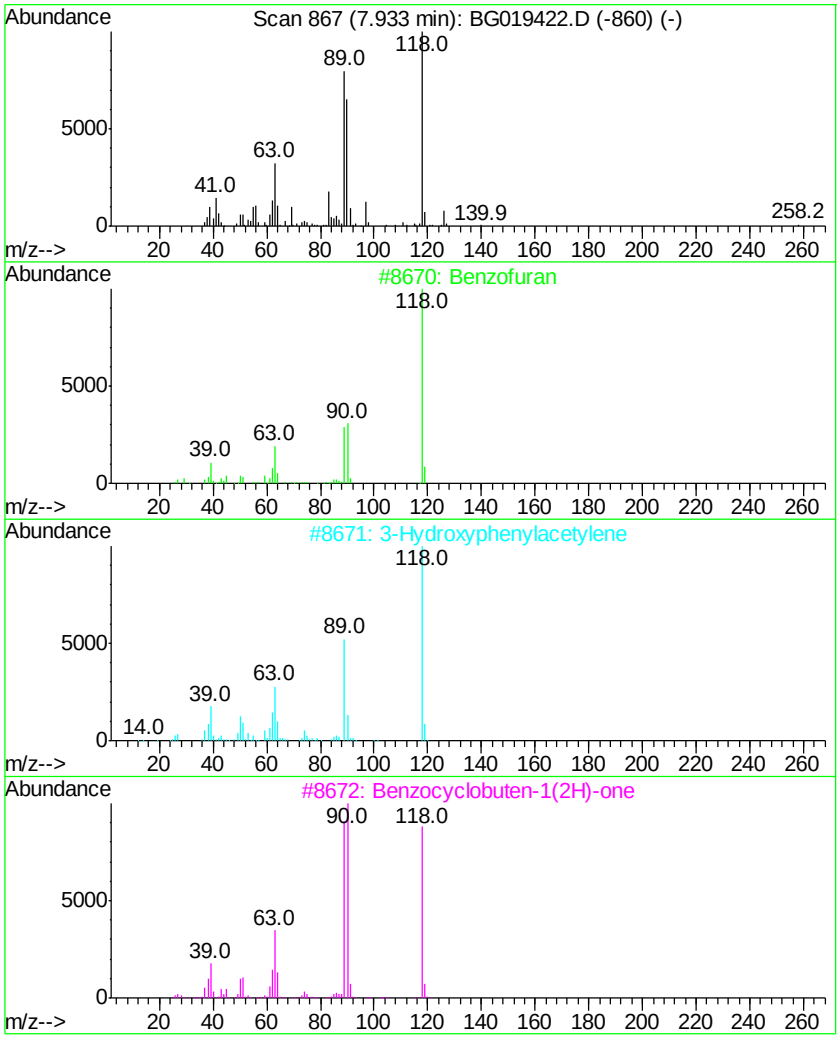
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

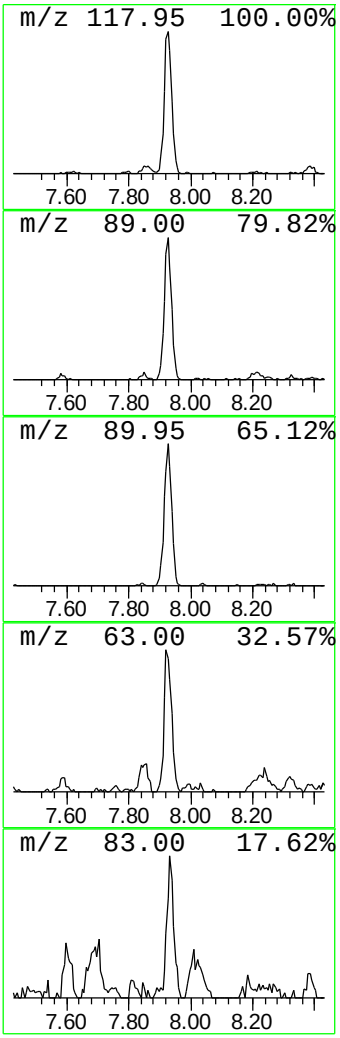
****

Peak Number 4 Benzofuran Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	9.36 ng/ul	225639	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	90
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	90
4	Ethyl-.alpha.-bromophenyl acetate	242	C10H11BrO2	002882-19-1	78
5	trans-3,4-Diphenyl-5-nitro-2-iso...	268	C15H12N2O3	115335-20-1	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

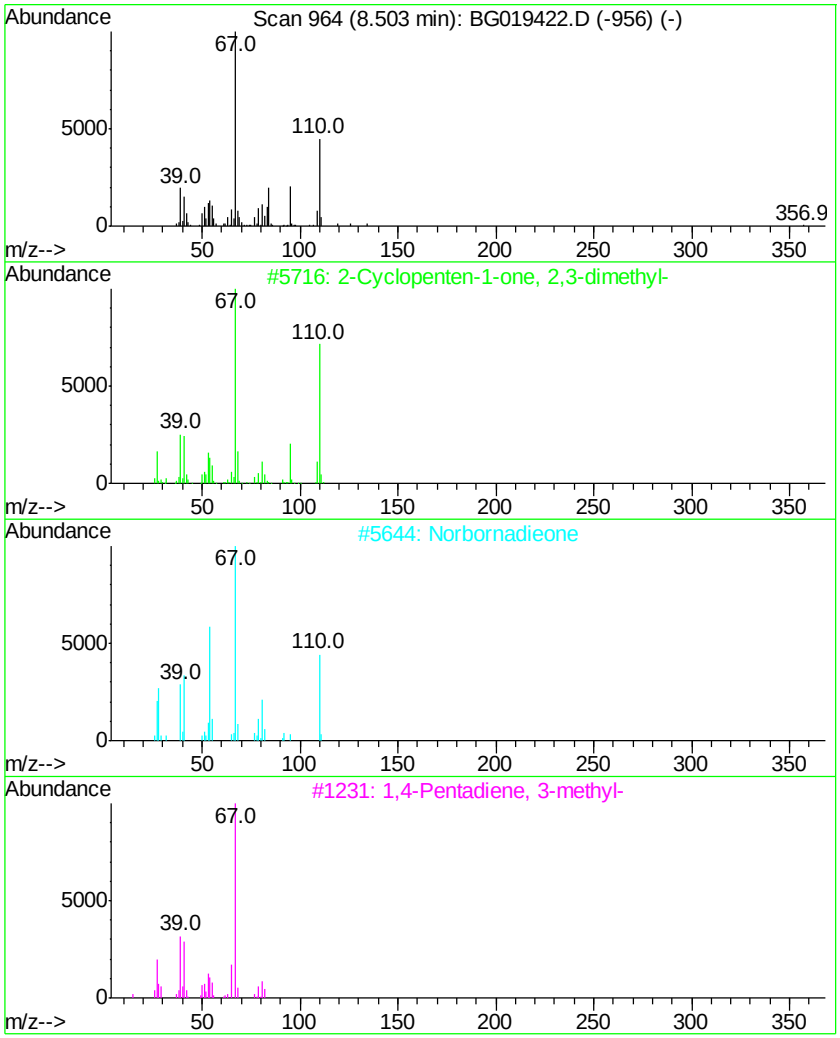
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

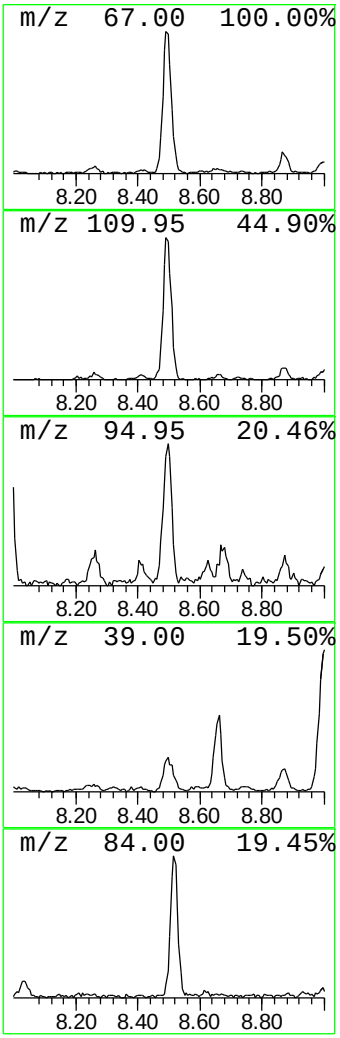
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	17.98 ng/ul	433580	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	90
2	Norbornadieone	110	C7H10O	010218-02-7	72
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	53
4	Cyclopentene, 1-pentyl-	138	C10H18	004291-98-9	50
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

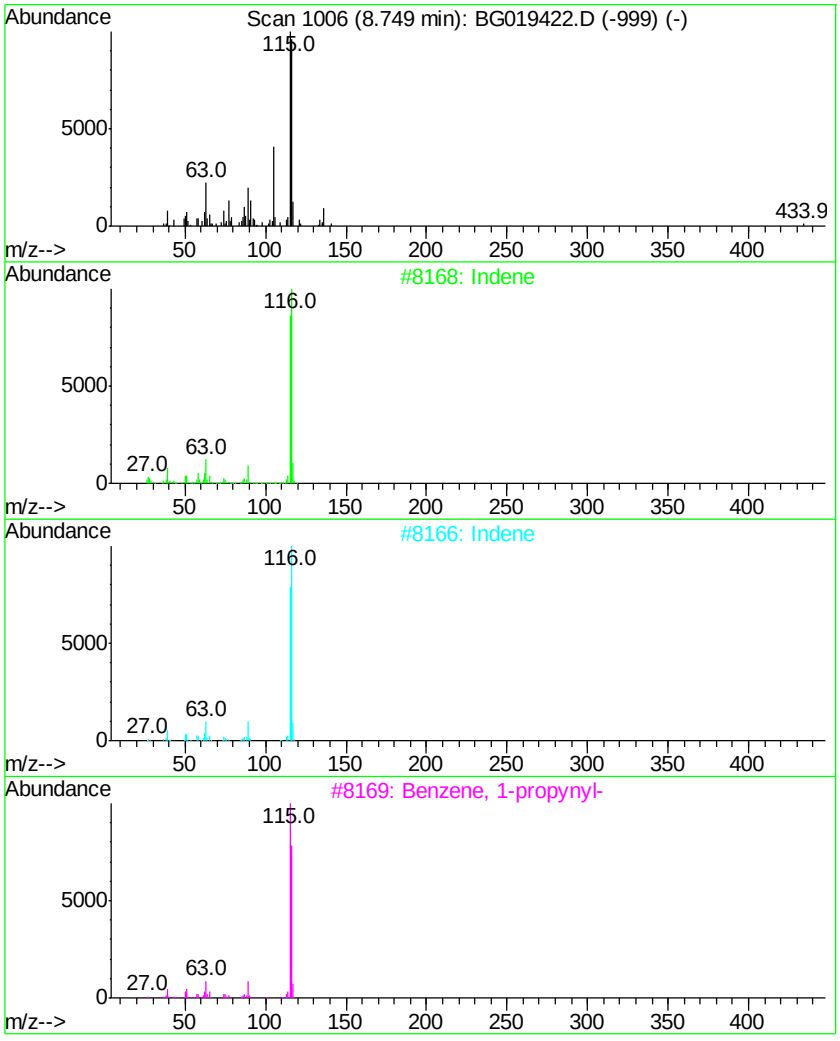
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

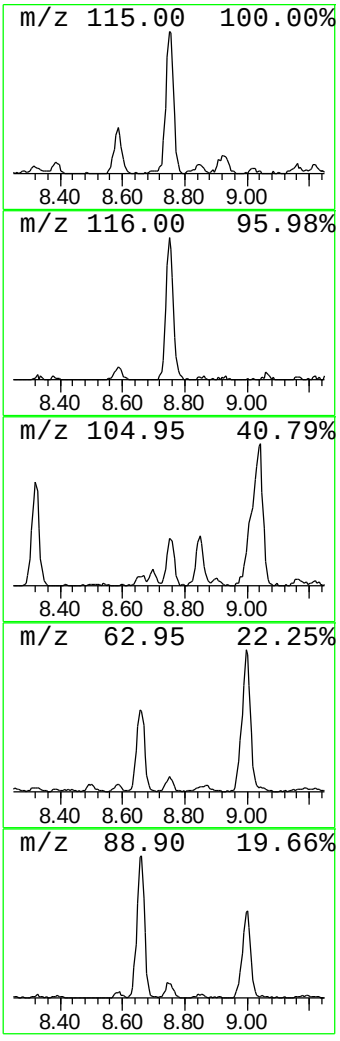
****

Peak Number 6 Indene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	7.09 ng/ul	170908	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87
5	Indene	116	C9H8	000095-13-6	87





Library Search Compound Report

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Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

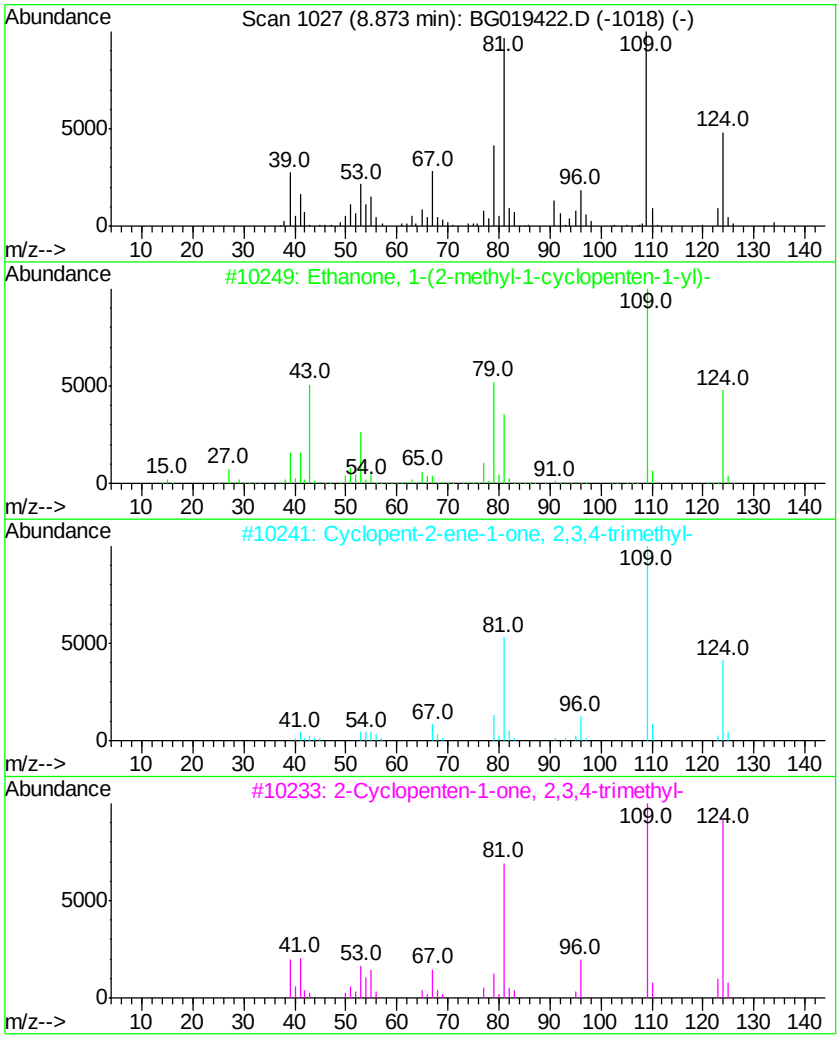
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

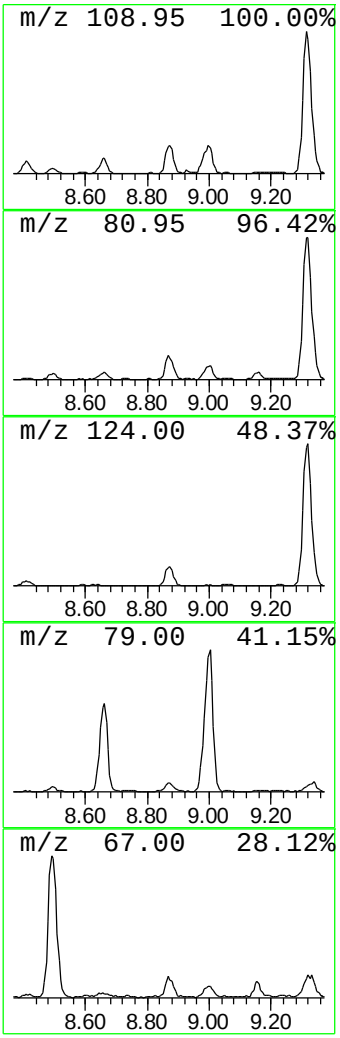
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanone, 1-(2-methyl-1-cyc... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	13.99 ng/ul	337305	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	90
2	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	87
3	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	81
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	74
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	74





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Sample : G3996-18DL 25X
Misc :
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Instrument : BNA_G
ClientSampleId : E5LK7DL

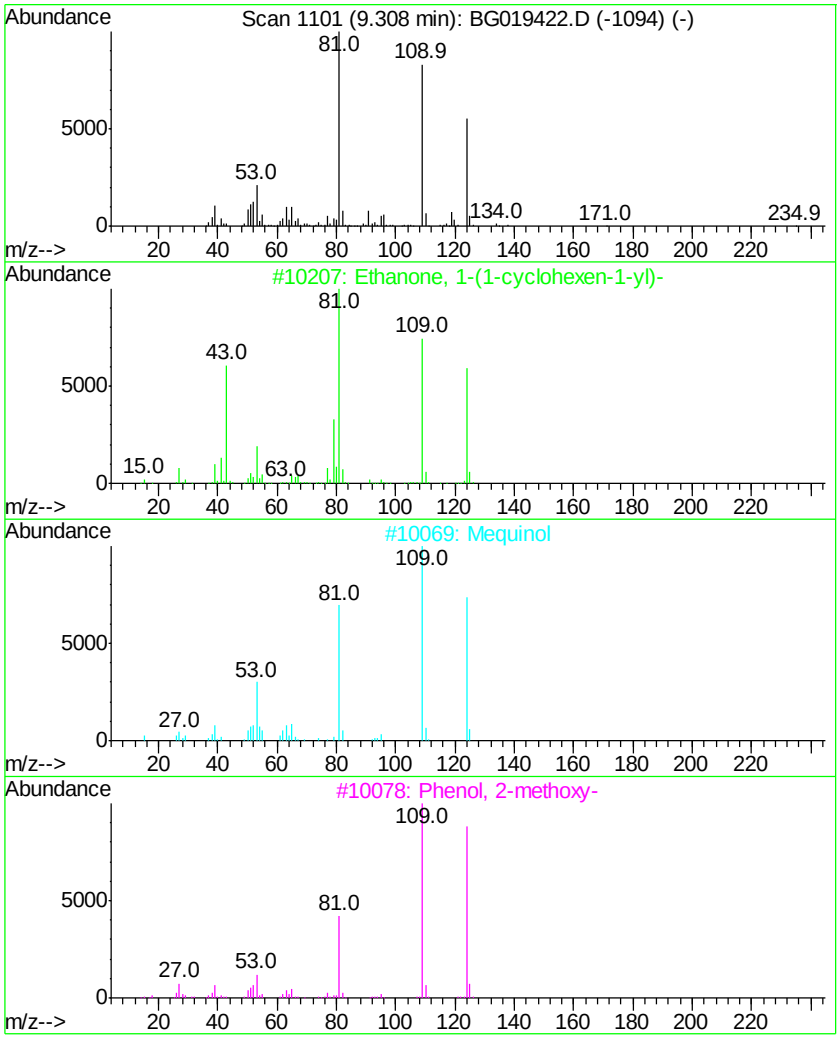
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

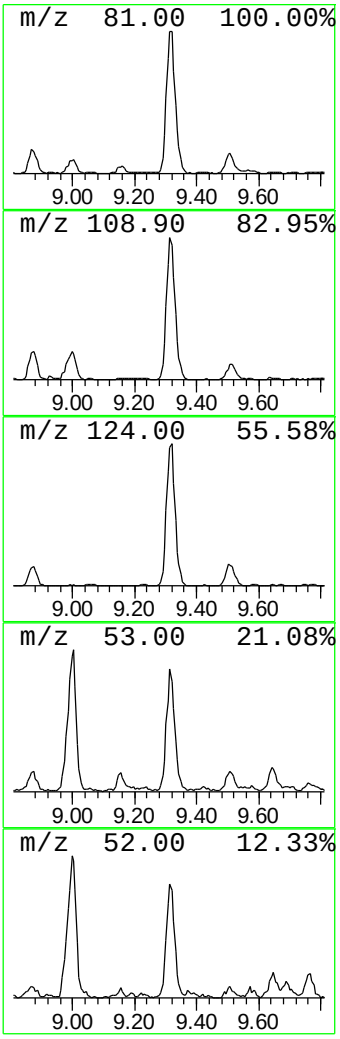
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	57.93 ng/ul	1397260	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	86
2	Mequinol	124	C7H8O2	000150-76-5	64
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	60
5	Mequinol	124	C7H8O2	000150-76-5	53





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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

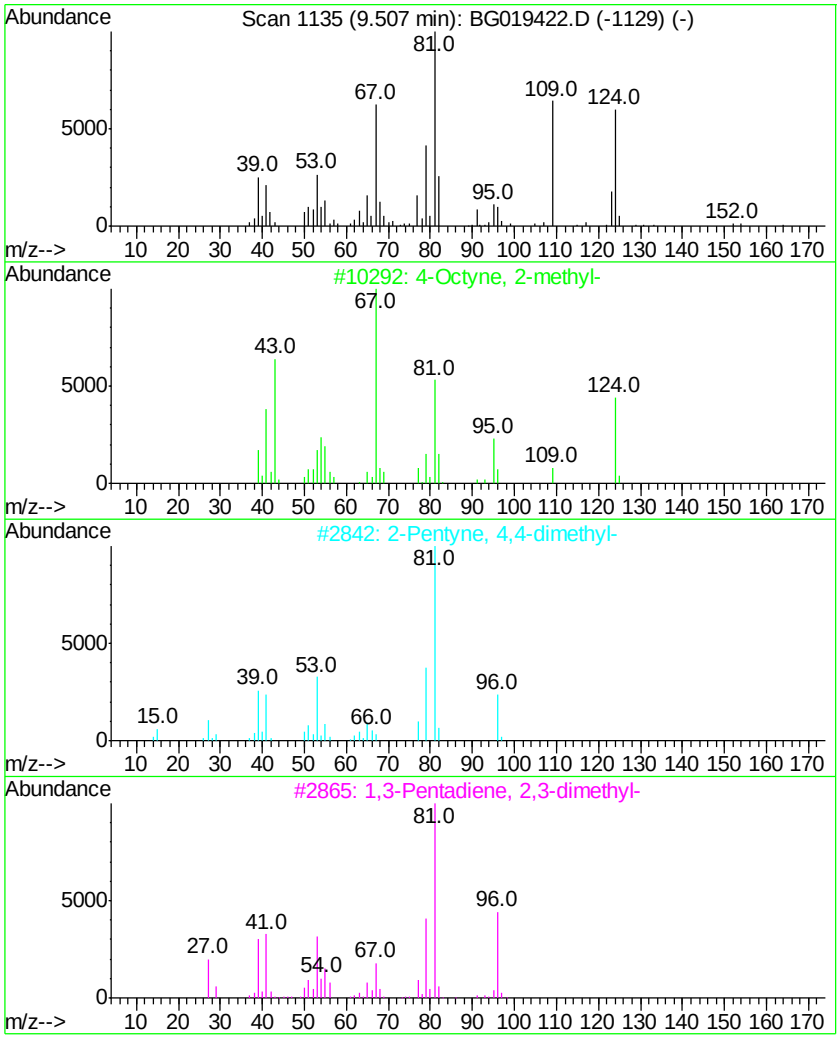
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

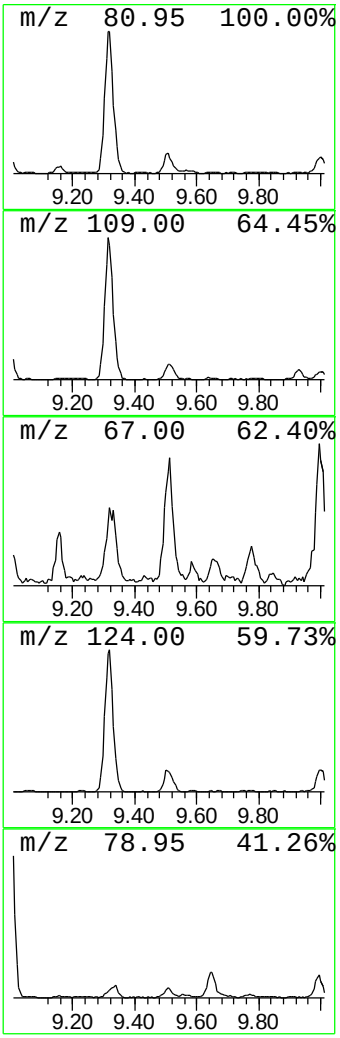
****

Peak Number 9 4-Octyne, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	12.90 ng/ul	311067	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	58
2	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	50
3	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	46
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	43
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	41





Library Search Compound Report

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Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

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

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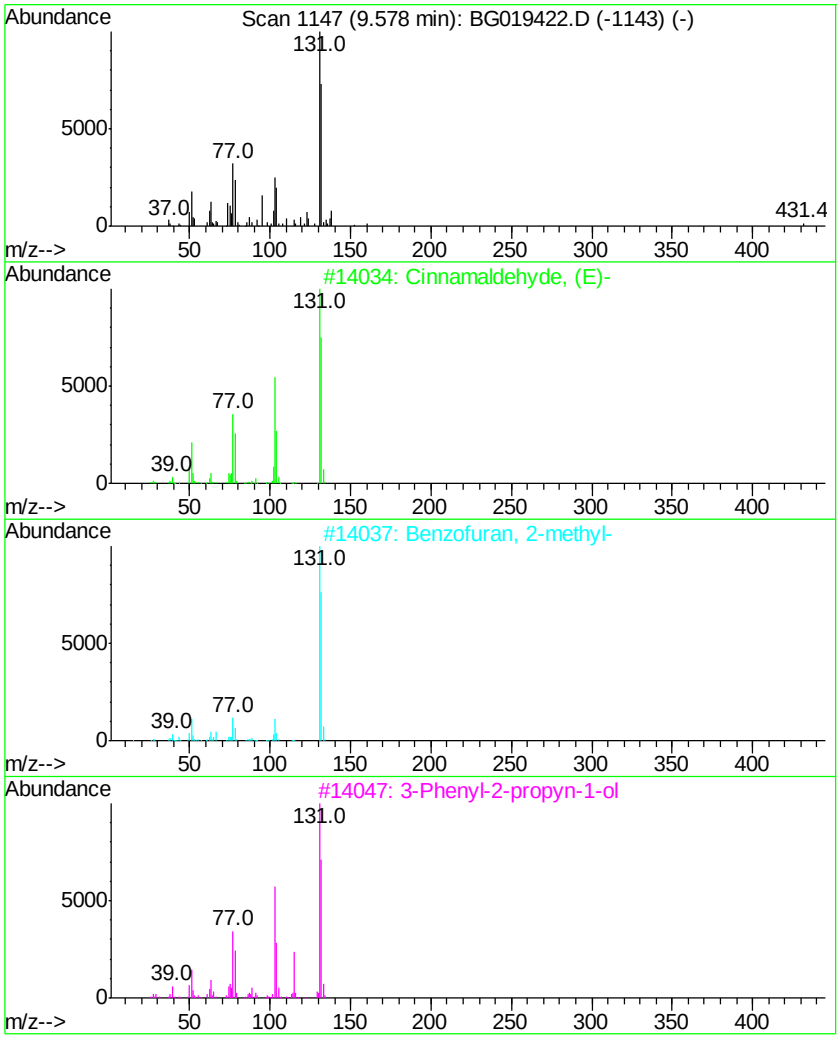
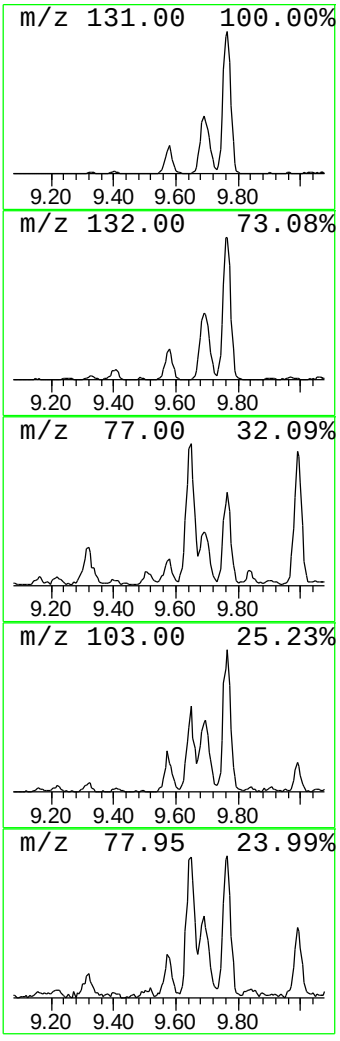
Peak Number 10 Cinnamaldehyde, (E)- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	6.70 ng/ul	161555	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	81
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	72
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	72





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Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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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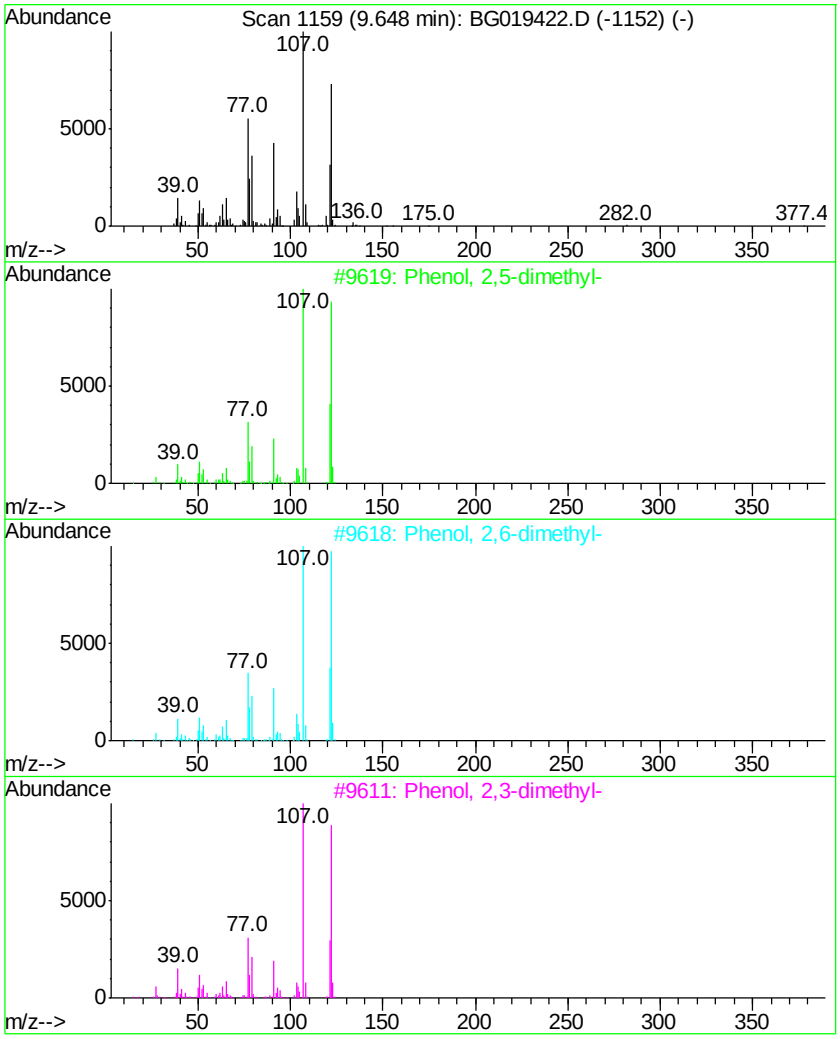
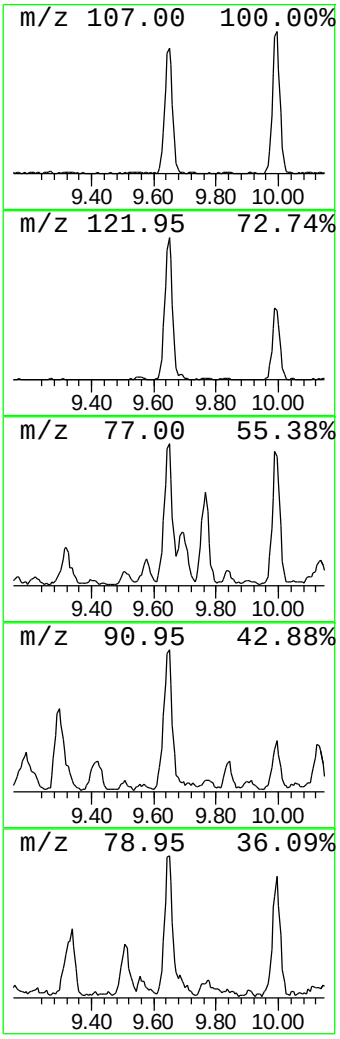
Peak Number 11 Phenol, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	48.04 ng/ul	694213	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

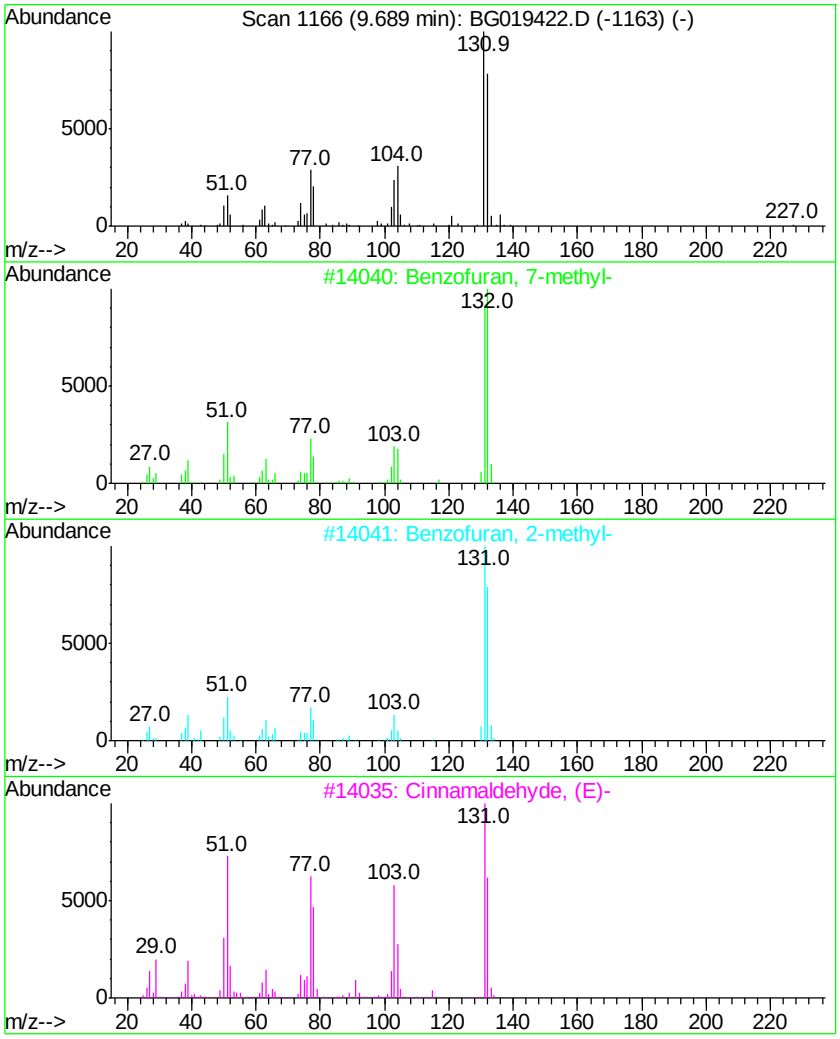
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

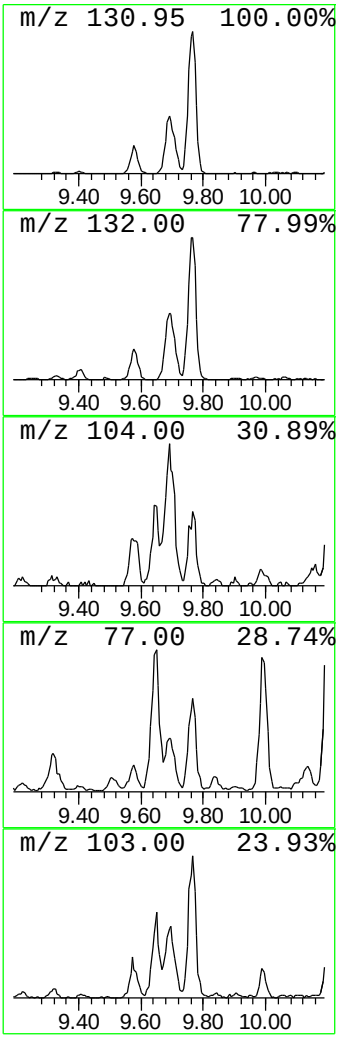
****

Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	23.06 ng/ul	333272	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72
5	Tricyclo[4.2.1.1(2,5)]deca-3,7-d...	160	C10H8O2	014224-65-8	64





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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

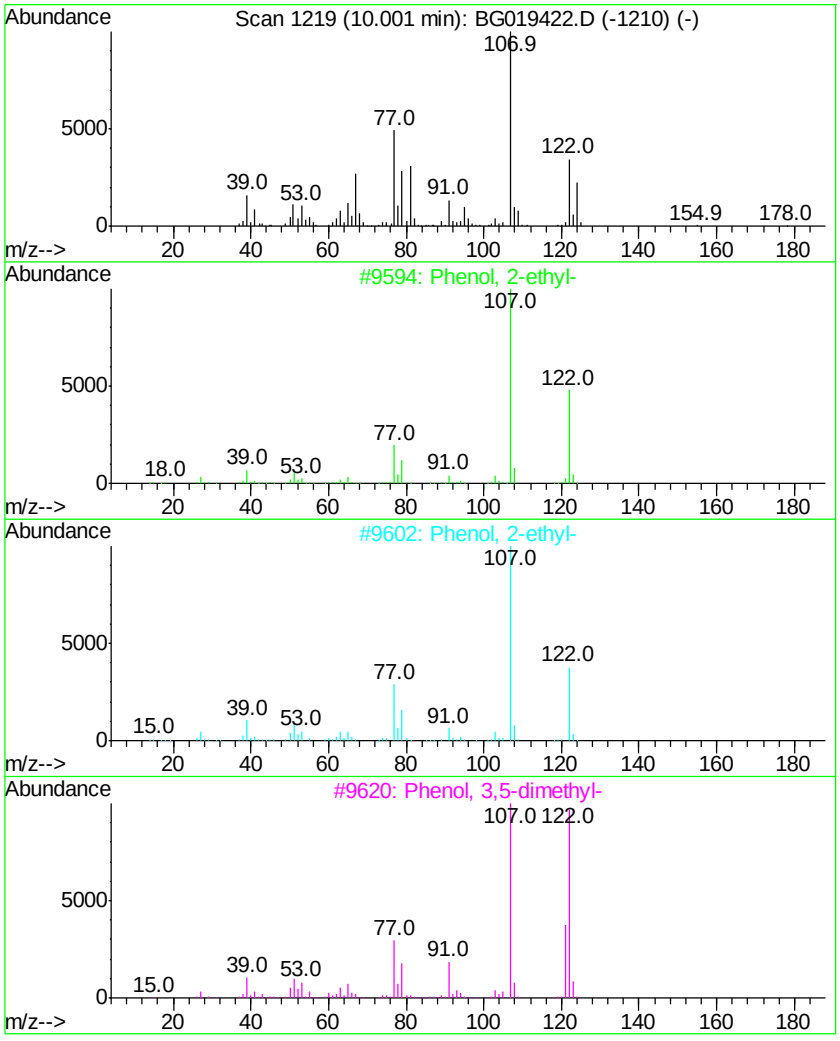
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

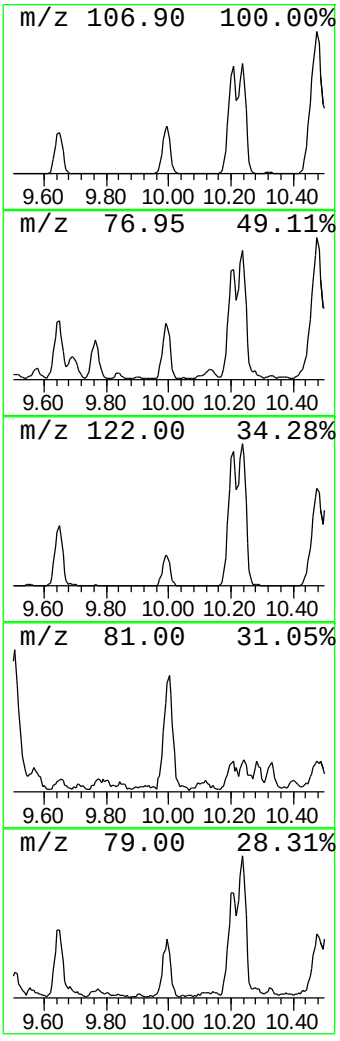
****

Peak Number 14 Phenol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	39.63 ng/ul	572711	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	64
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64





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Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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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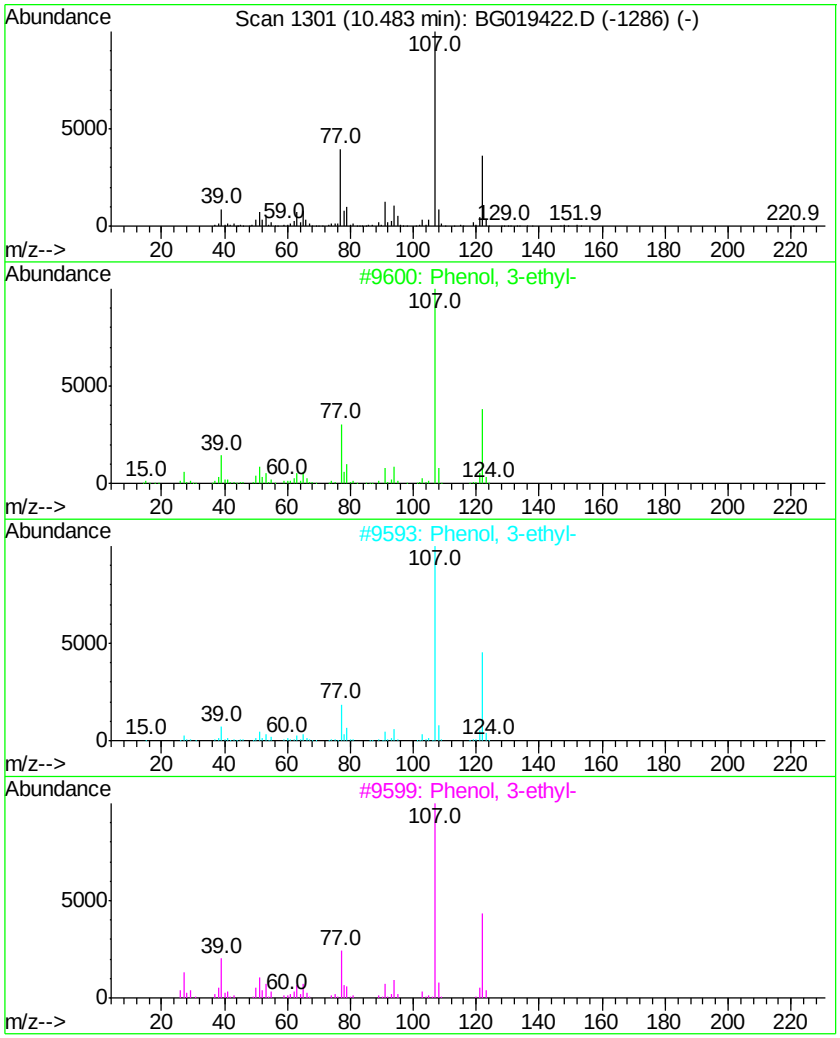
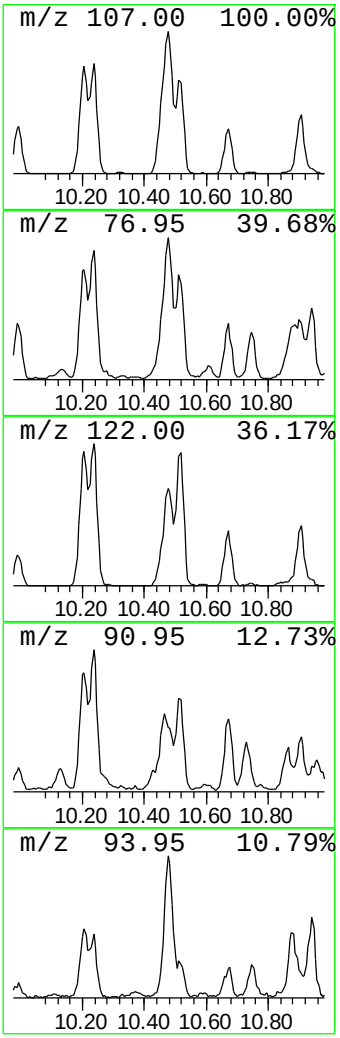
Peak Number 15 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	132.67 ng/ul	1917010	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	76
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72





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Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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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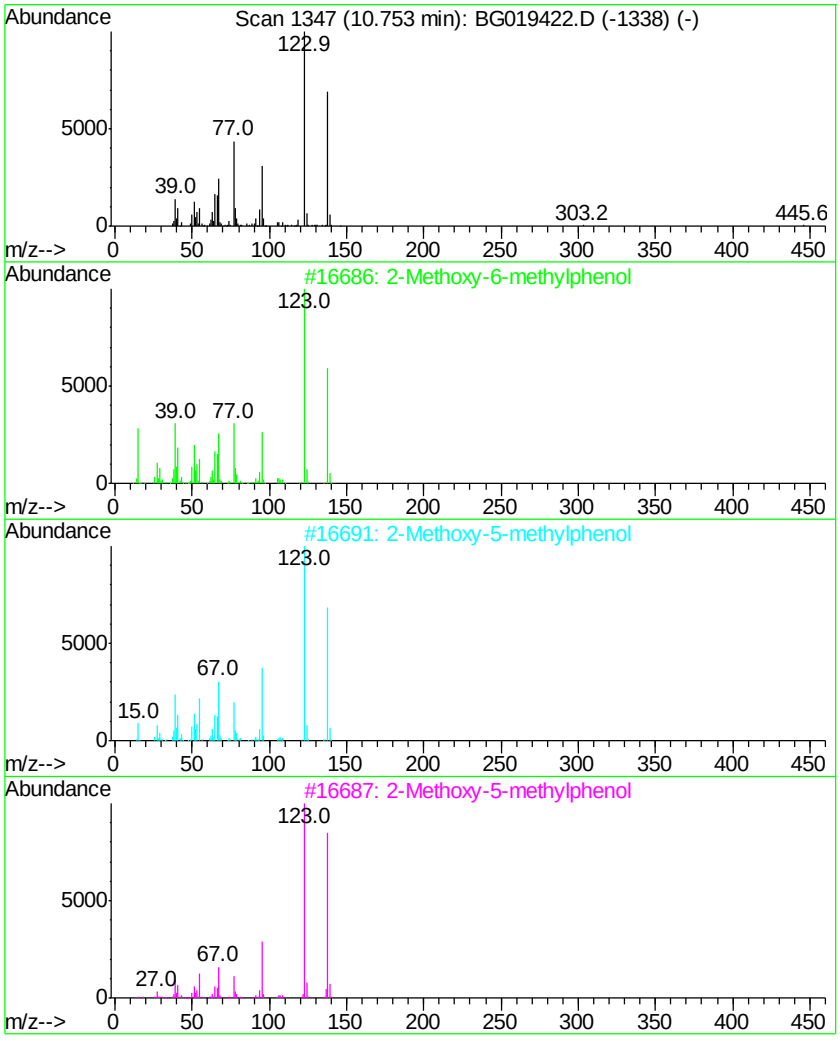
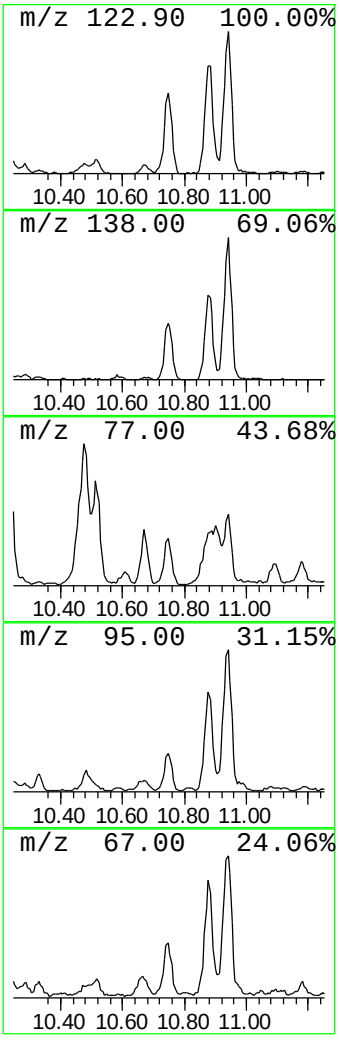
Peak Number 17 2-Methoxy-6-methylphenol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	40.98 ng/ul	592078	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	91
2	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	81
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	68
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	64
5	Phenol, 4-methoxy-3-methyl-	138	C8H10O2	014786-82-4	58





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Sample : G3996-18DL 25X
Misc :
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ClientSampleId : E5LK7DL

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Quant Title : SVOA CALIBRATION

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

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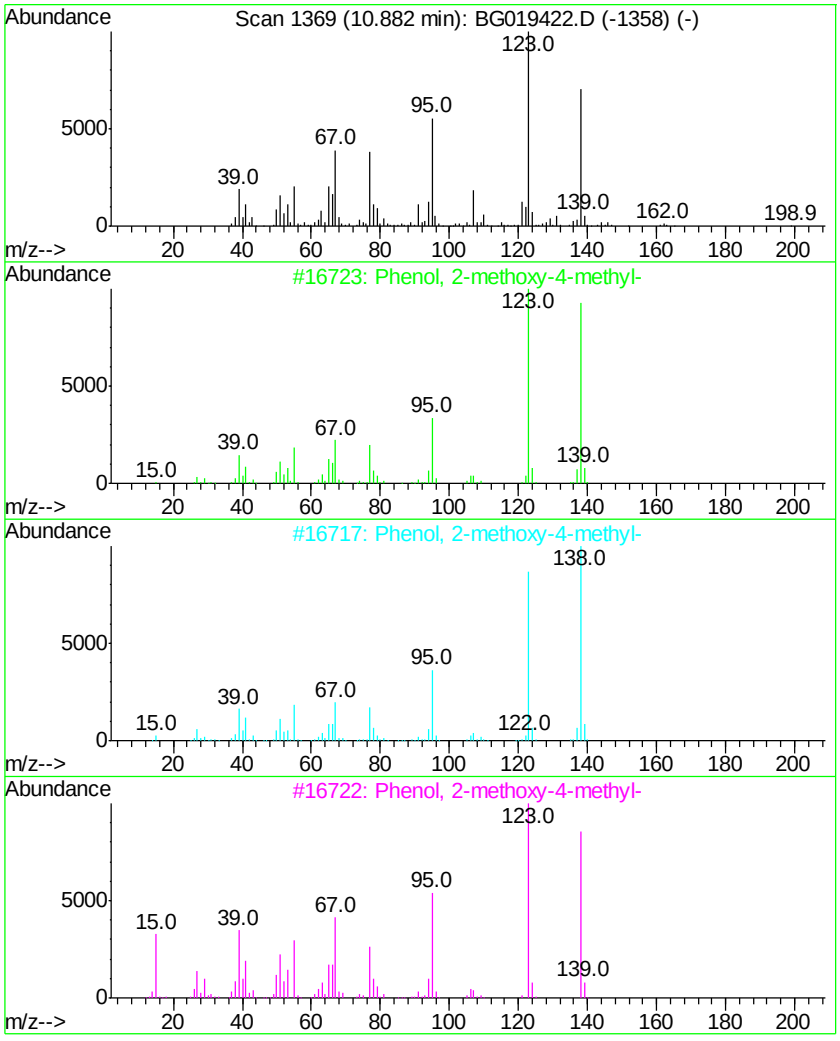
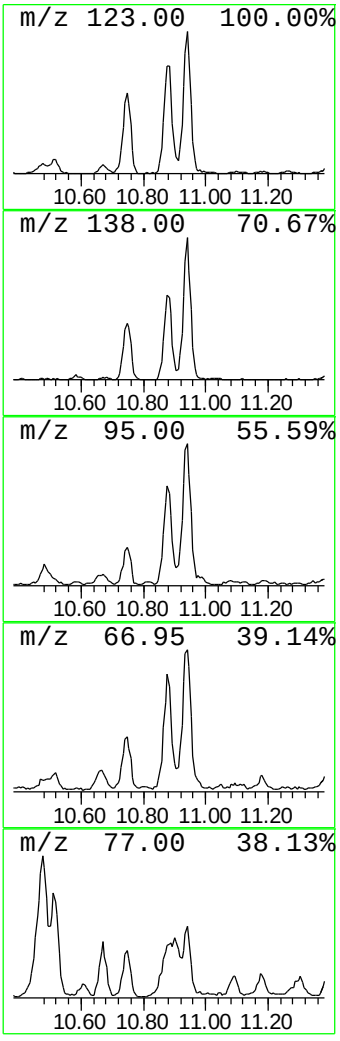
Peak Number 18 Phenol, 2-methoxy-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	91.72 ng/ul	1325280	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	94
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	90
3	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	90
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	90
5	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	83





Library Search Compound Report

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Operator : UM/NP
Sample : G3996-18DL 25X
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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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Quant Title : SVOA CALIBRATION

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

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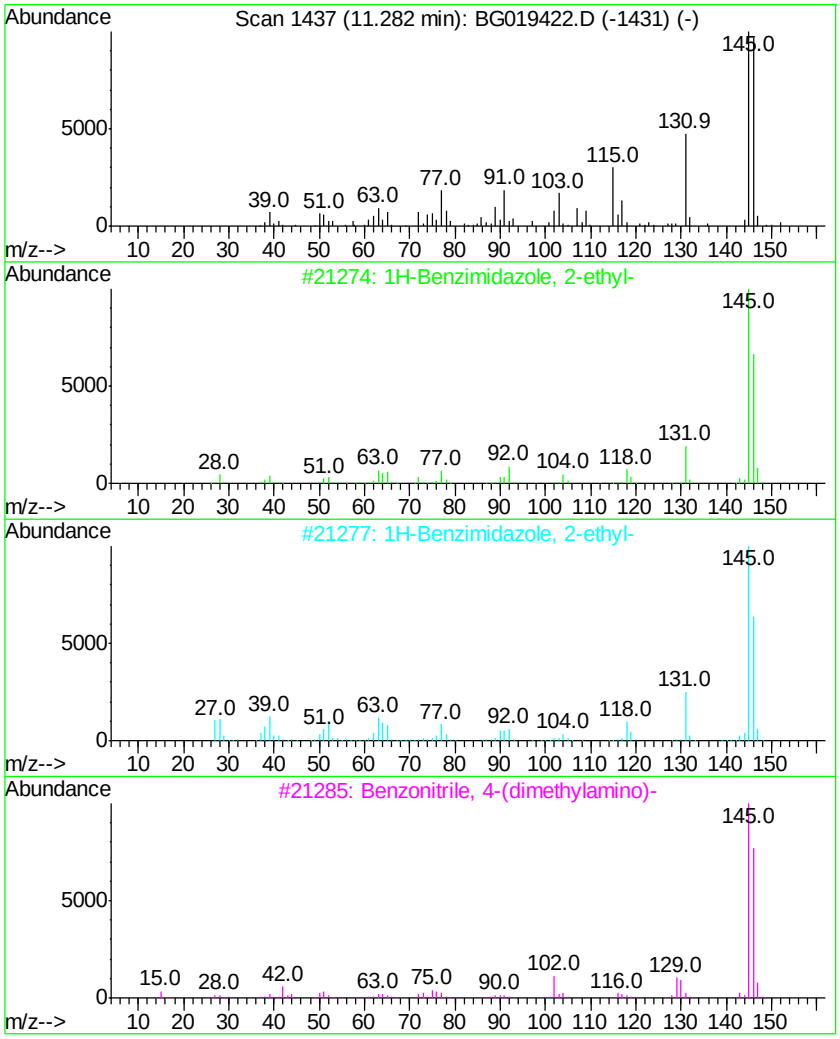
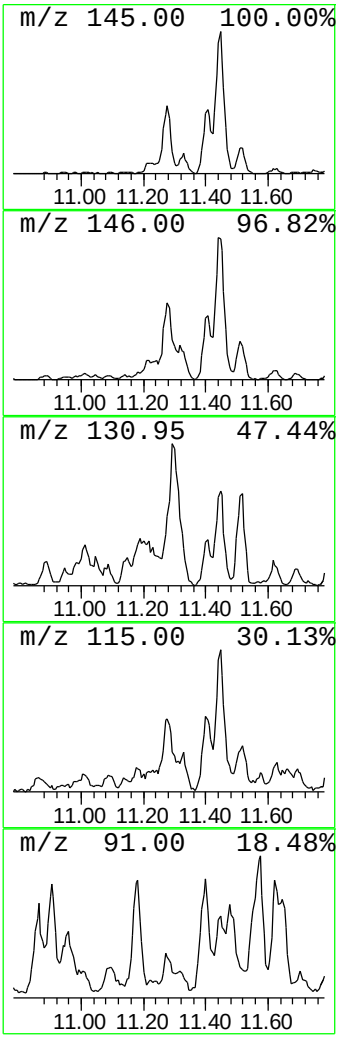
Peak Number 20 1H-Benzimidazole, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	35.72 ng/ul	516093	Naphthalene-d8	11.04

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	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	47
5	Phenylacetic acid, 2-hydroxycarb...	208	C11H12O4	040484-15-9	43





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Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

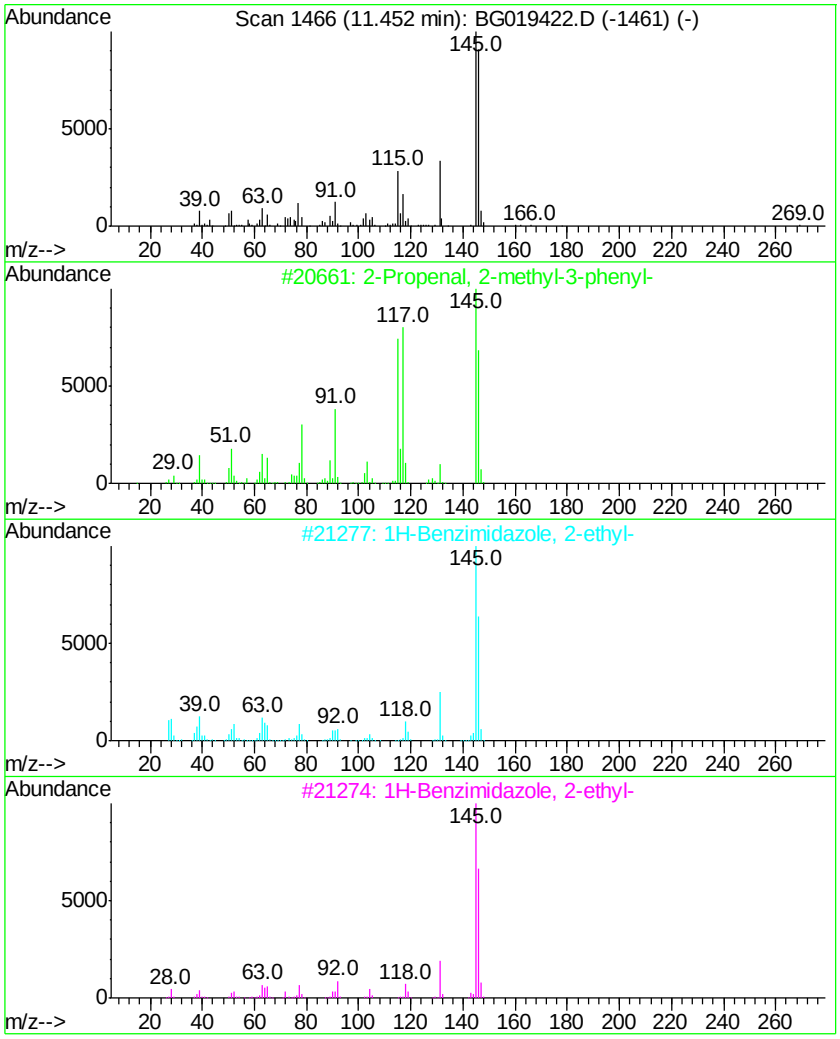
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

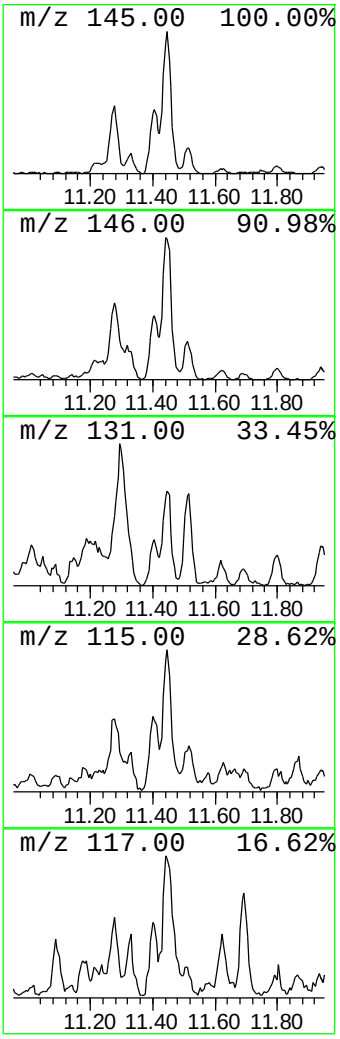
****

Peak Number 22 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	20.56 ng/ul	297073	Naphthalene-d8	11.04

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	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

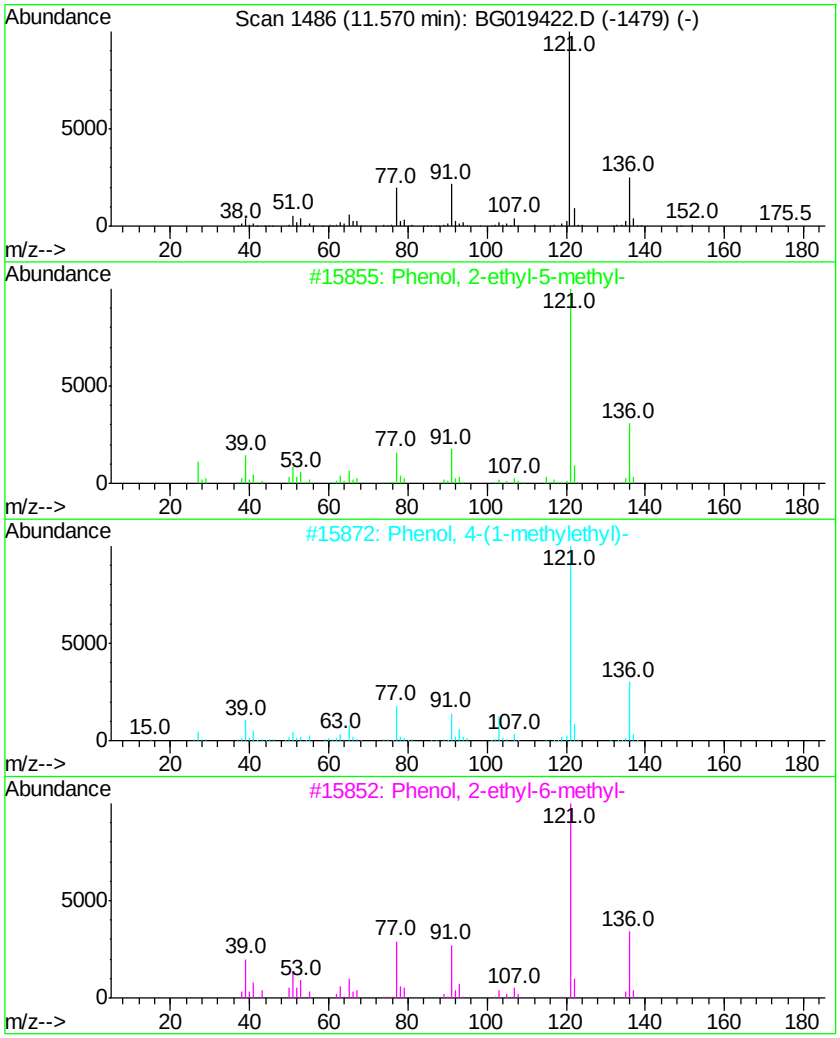
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

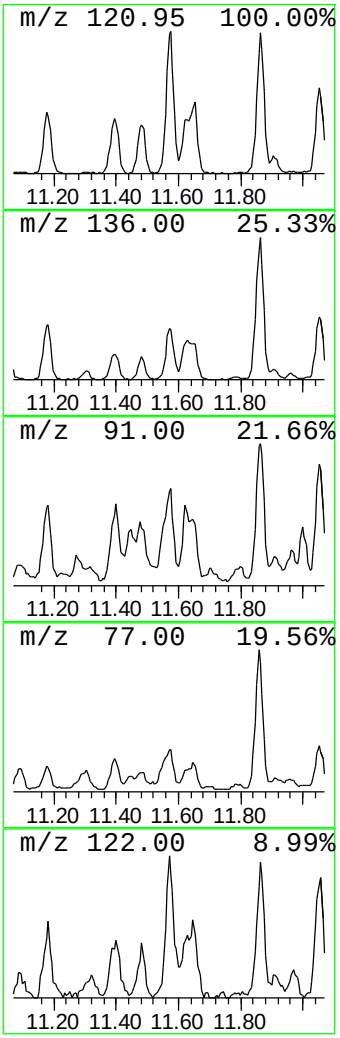
****

Peak Number 23 Phenol, 2-ethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	40.77 ng/ul	589180	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87





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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

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

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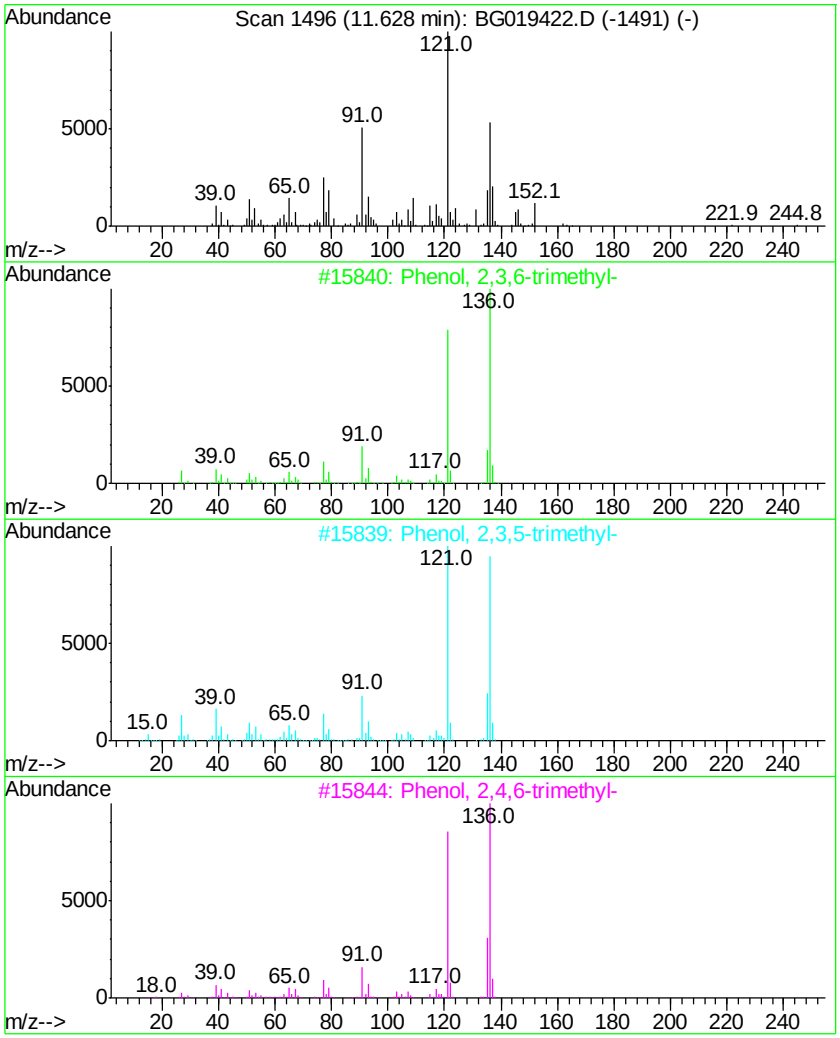
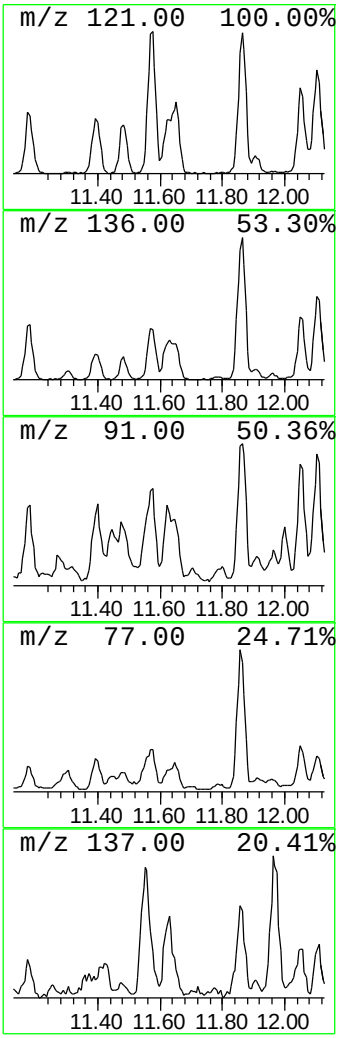
Peak Number 24 Phenol, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	20.75 ng/ul	299791	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	76
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76





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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

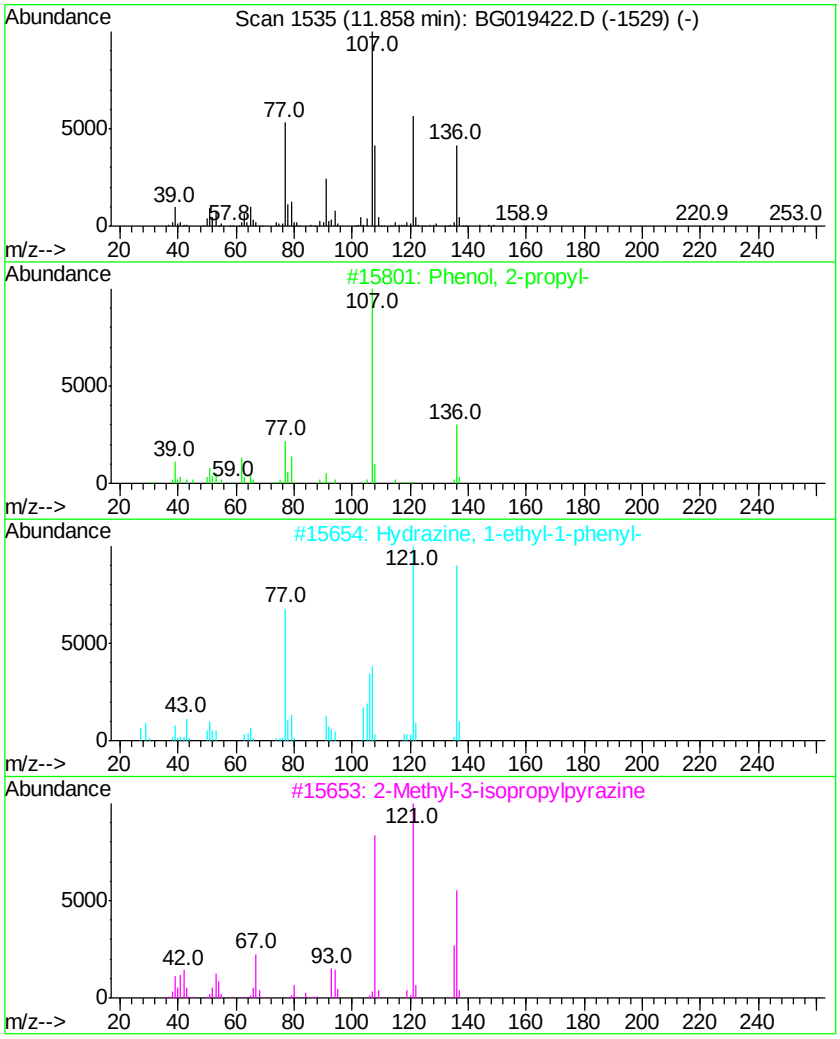
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

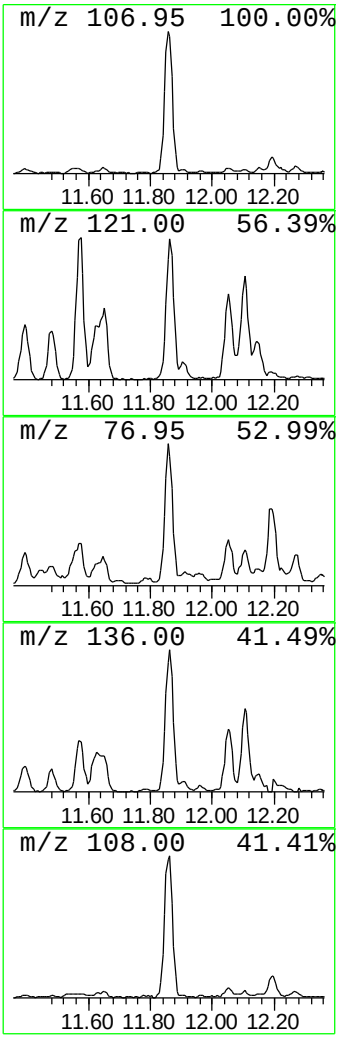
****

Peak Number 25 Phenol, 2-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	85.92 ng/ul	1241550	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
2	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	43
3	2-Methyl-3-isopropylpyrazine	136	C8H12N2	015986-81-9	41
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41
5	Pyrazine, ethyl-	108	C6H8N2	013925-00-3	38





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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

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

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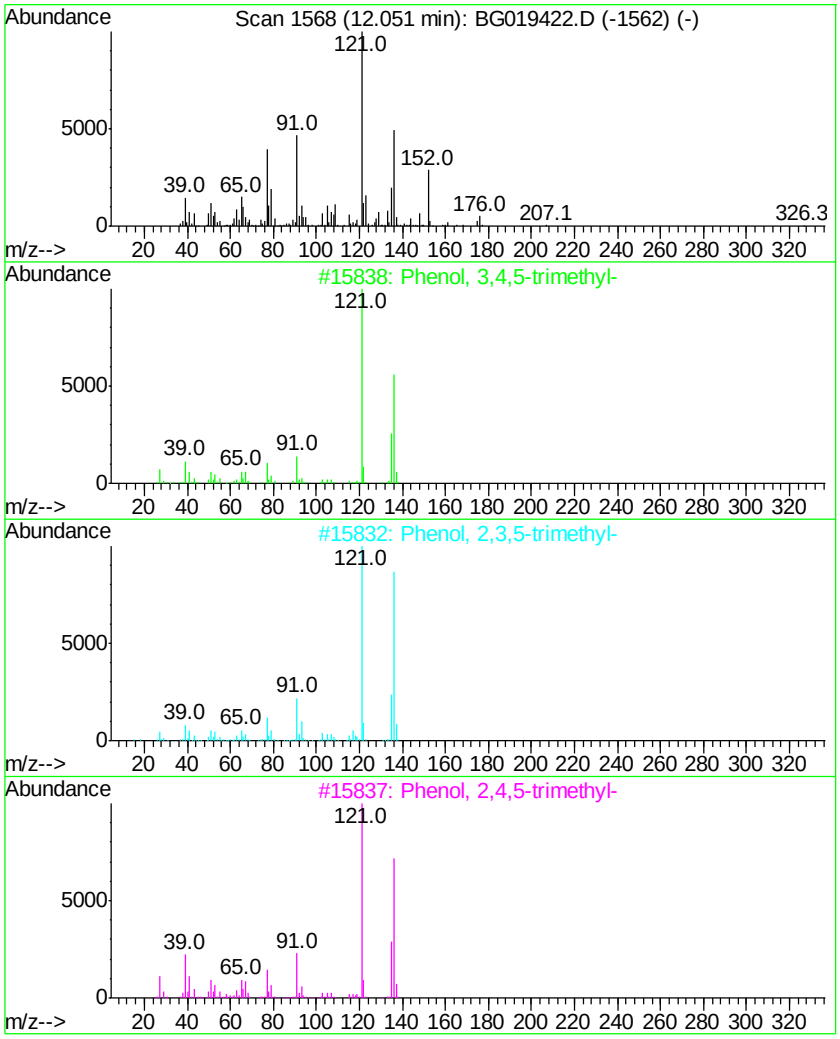
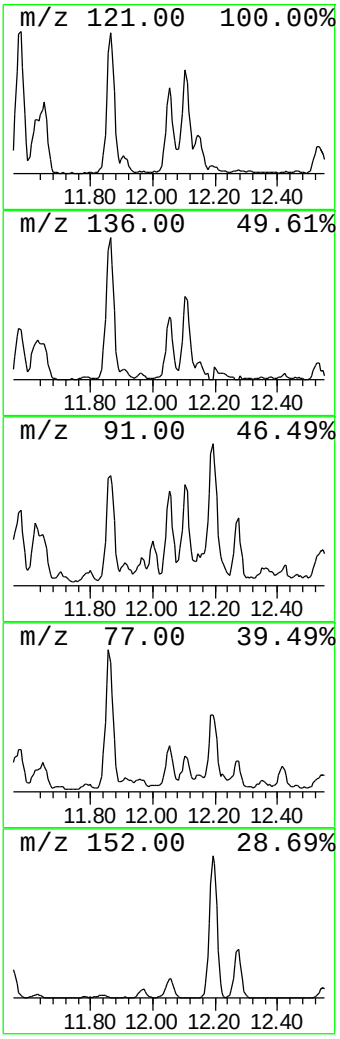
Peak Number 26 Phenol, 3,4,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	46.37 ng/ul	670037	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	81
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	70
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	70
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	64





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Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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 27 Phenol, 2,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	45.60 ng/ul	658901	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	87
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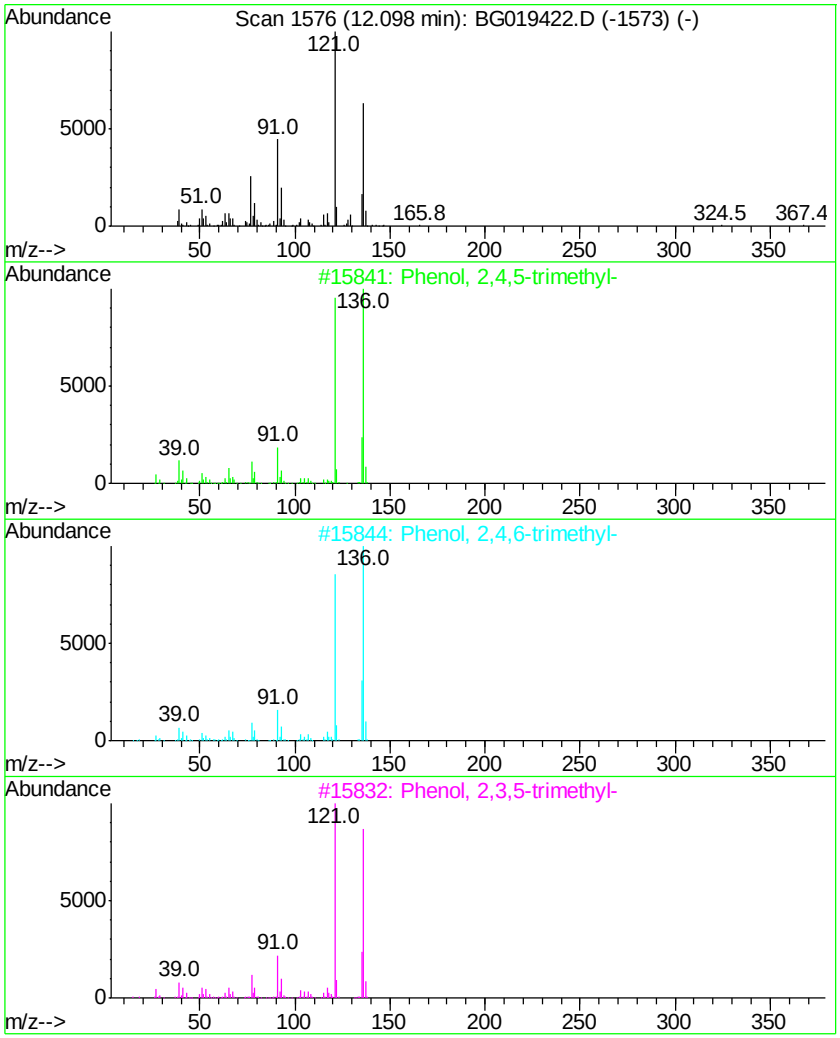

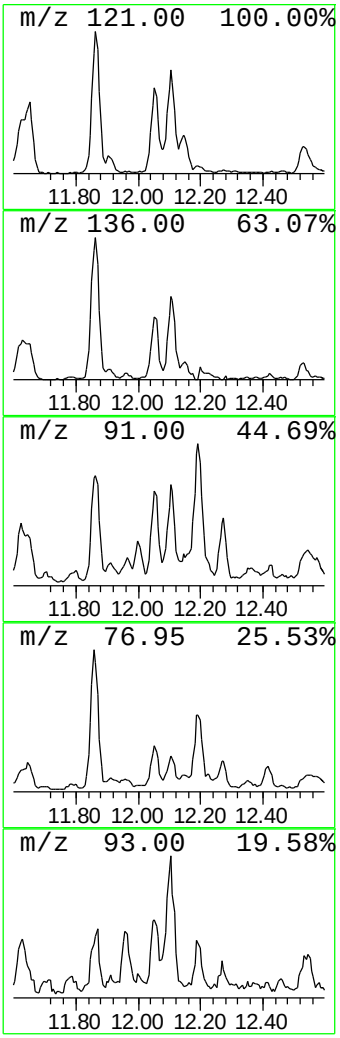

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Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

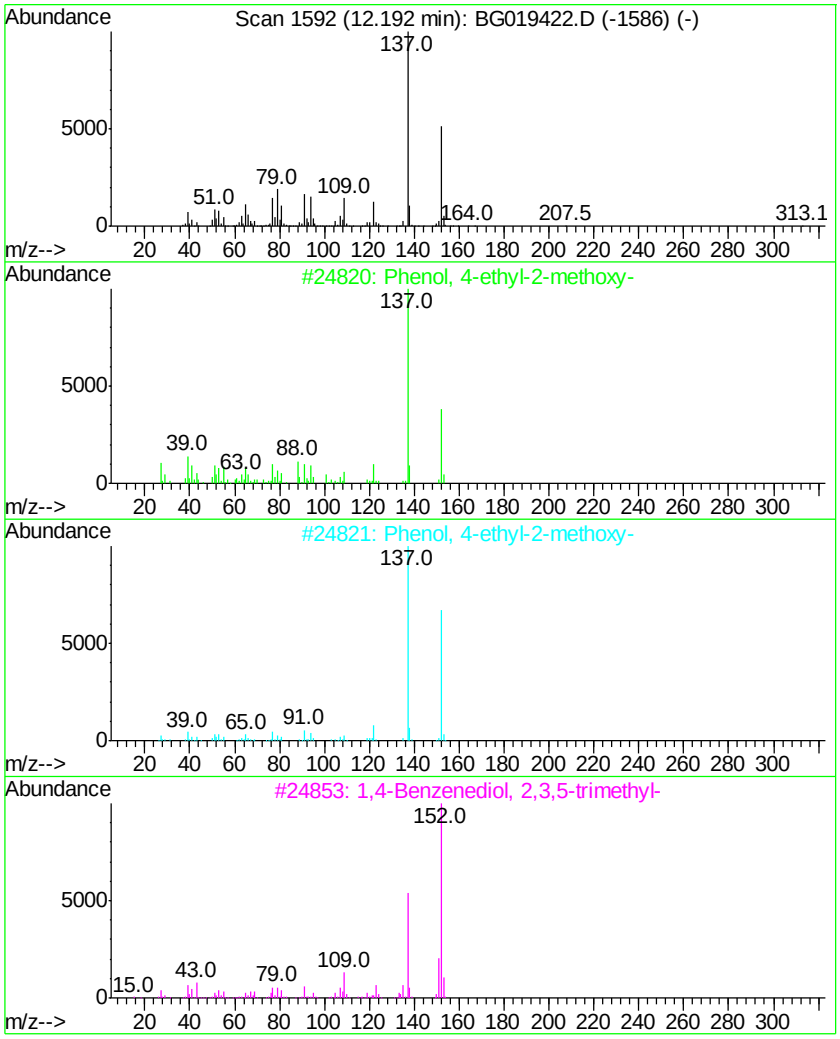
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

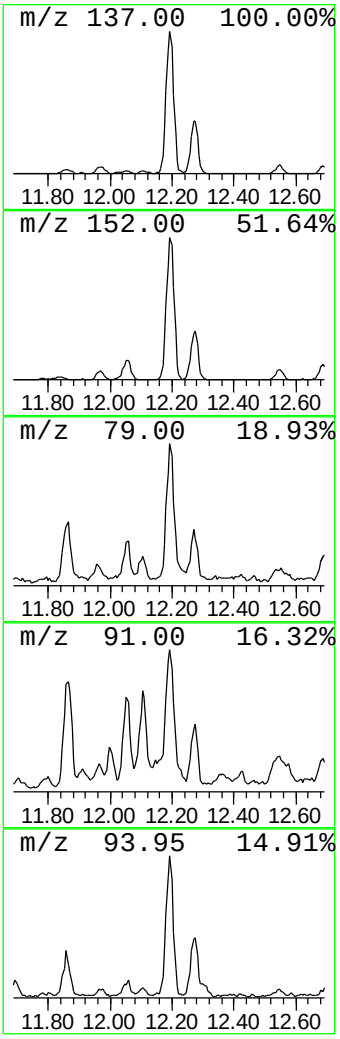
****

Peak Number 28 Phenol, 4-ethyl-2-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	139.12 ng/ul	2010190	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	87
2	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	86
3	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	80
4	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	72
5	Benzenethiol, o-isopropyl-,	152	C9H12S	006262-87-9	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

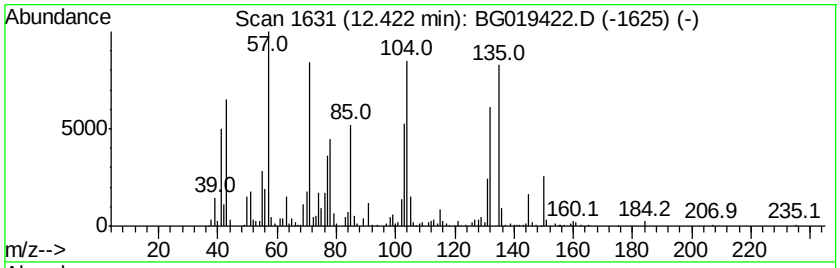
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

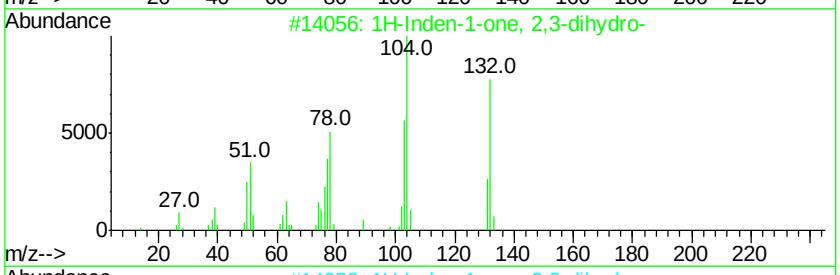
****

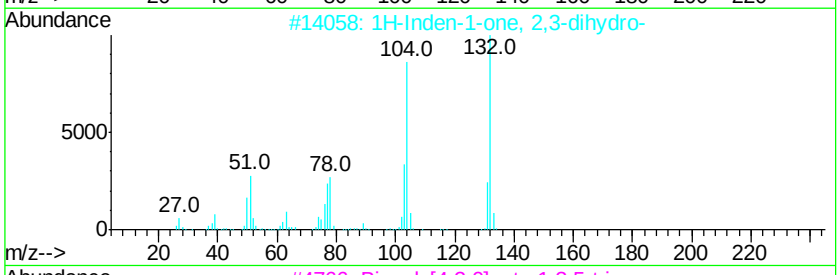
Peak Number 30 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 22

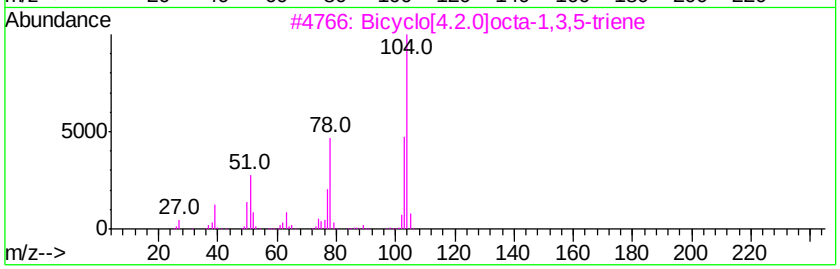
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	34.19 ng/ul	494029	Naphthalene-d8	11.04

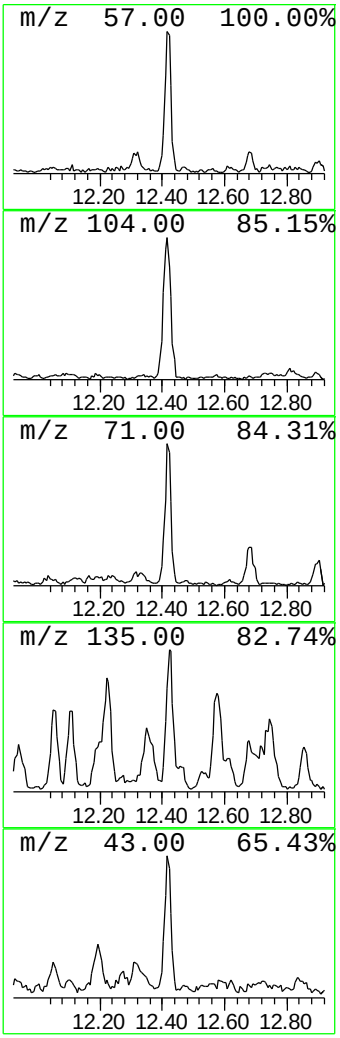
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	49
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	30
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	30
5	Styrene	104	C8H8	000100-42-5	30











Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

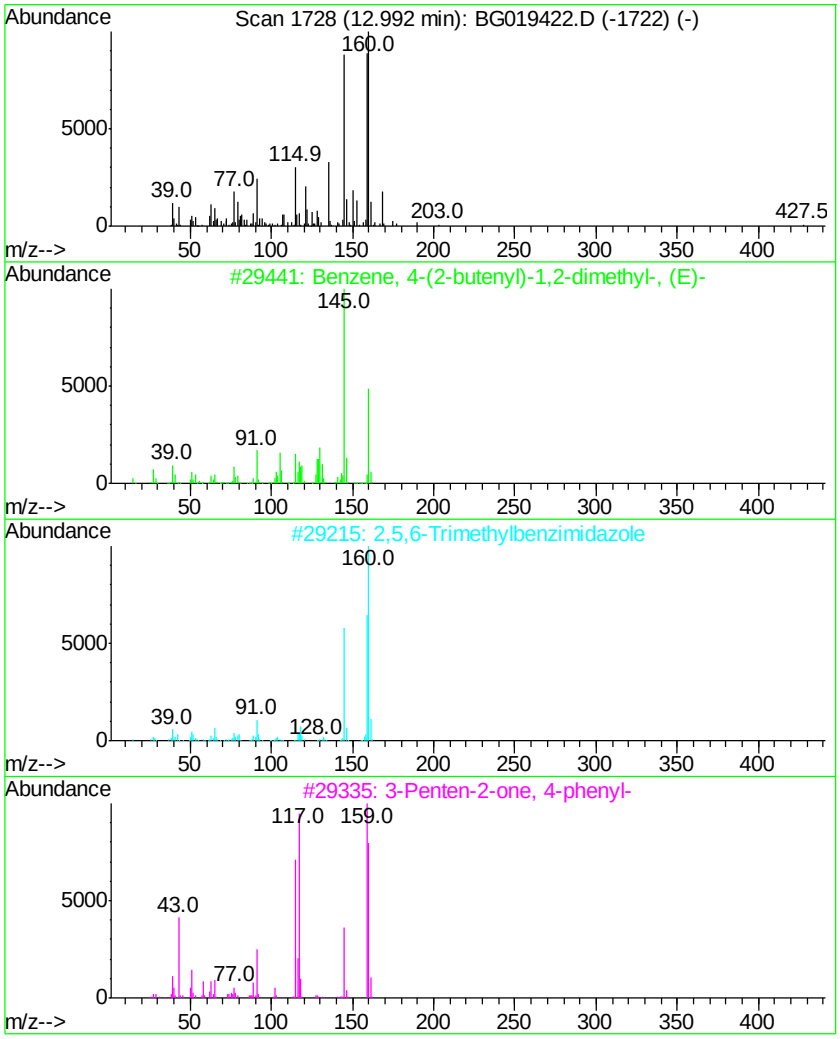
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

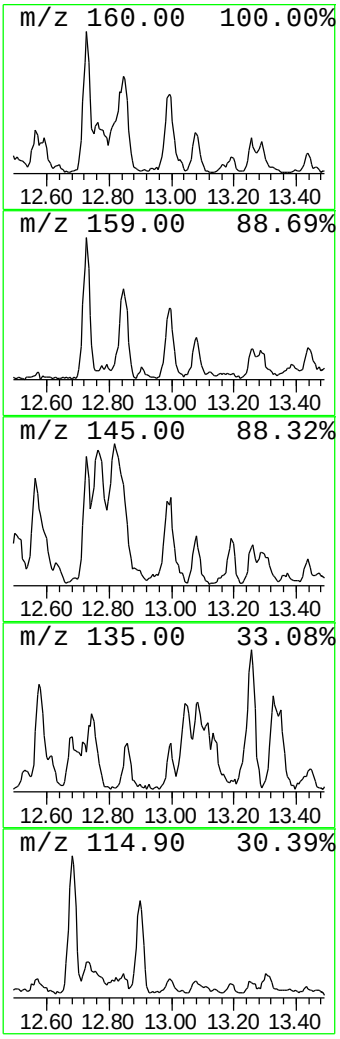
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.06 ng/ul	211004	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	52
3	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	49
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	47
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

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

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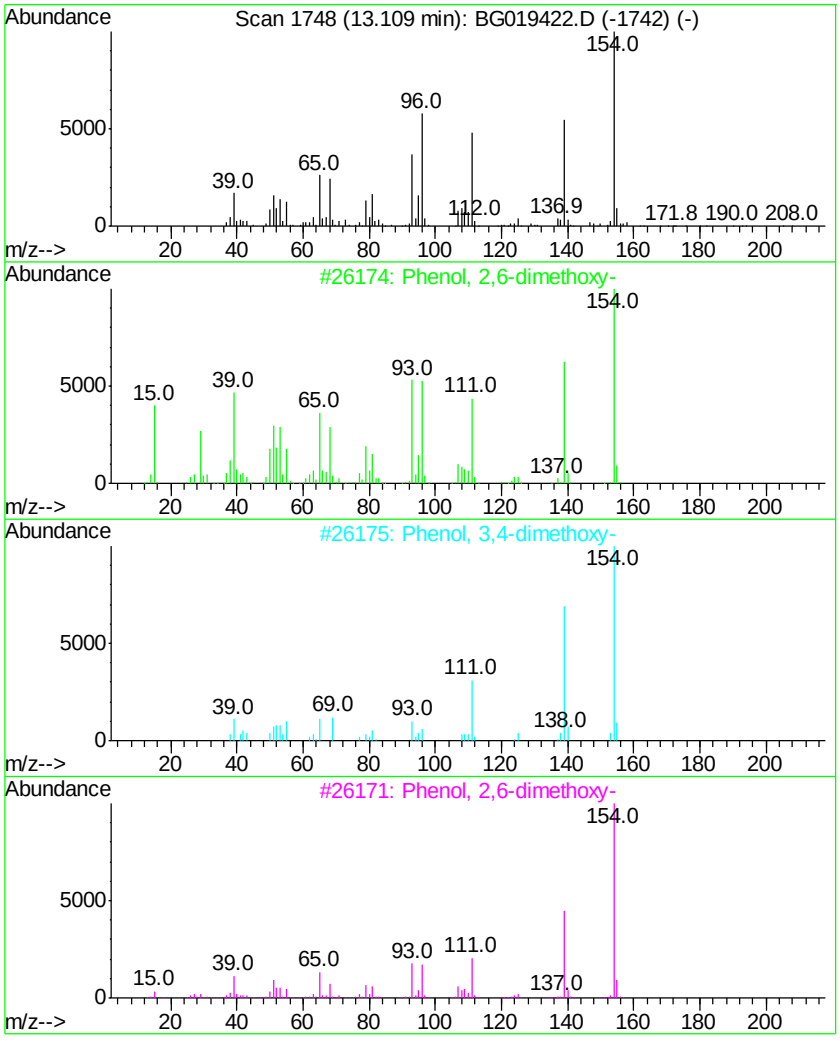
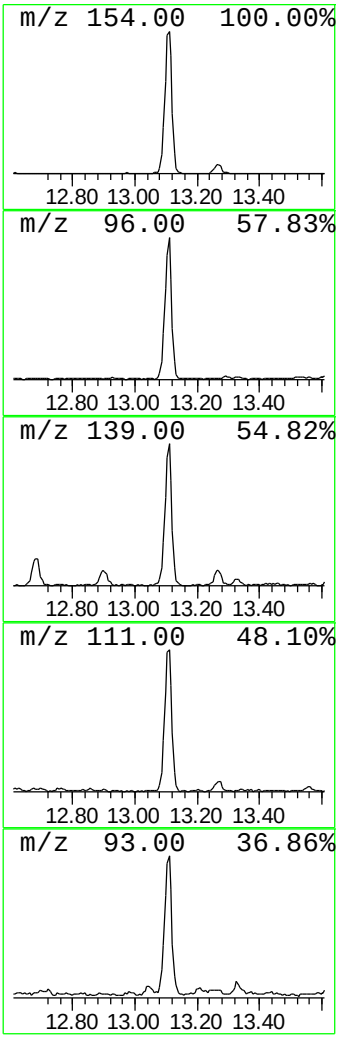
Peak Number 34 Phenol, 2,6-dimethoxy- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	26.26 ng/ul	1363410	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	87
2	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	53
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	52
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	46
5	Phenol, 3-methyl-4-(methylthio)-	154	C8H10OS	003120-74-9	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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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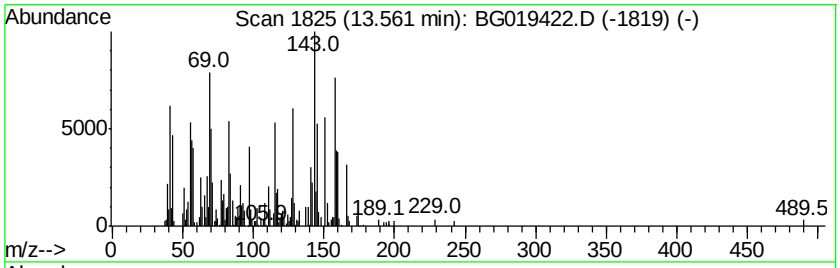
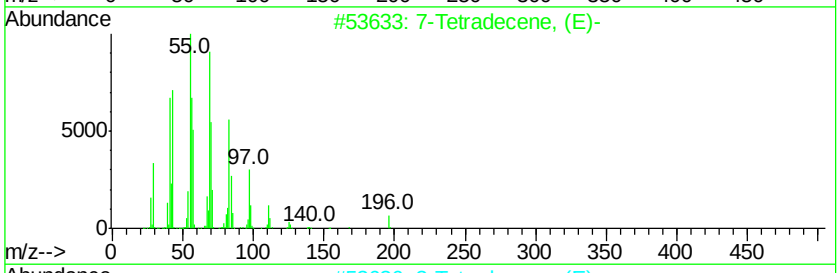
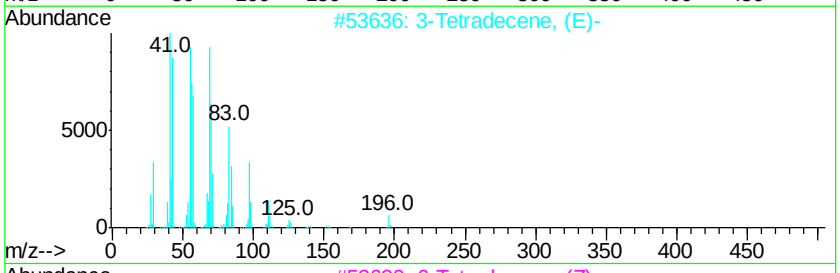
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 58

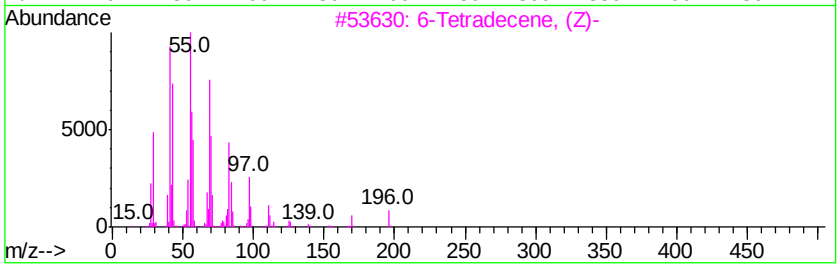
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	6.35 ng/ul	329773	Acenaphthene-d10	14.84

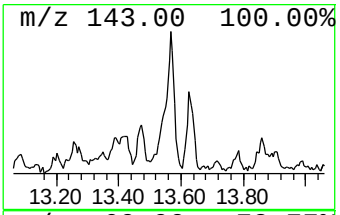
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene, (E)-	196	C14H28	041446-63-3	45
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	45
3	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	45
4	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	44
5	2-Methoxy-3-chloro-phenol	158	C7H7ClO2	077102-92-2	41

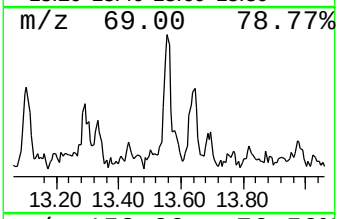


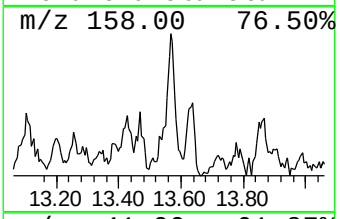


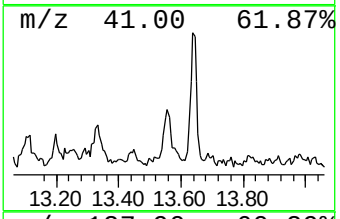


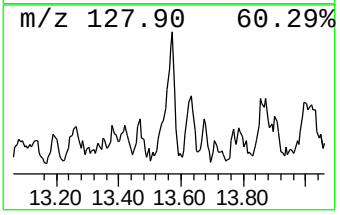












Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

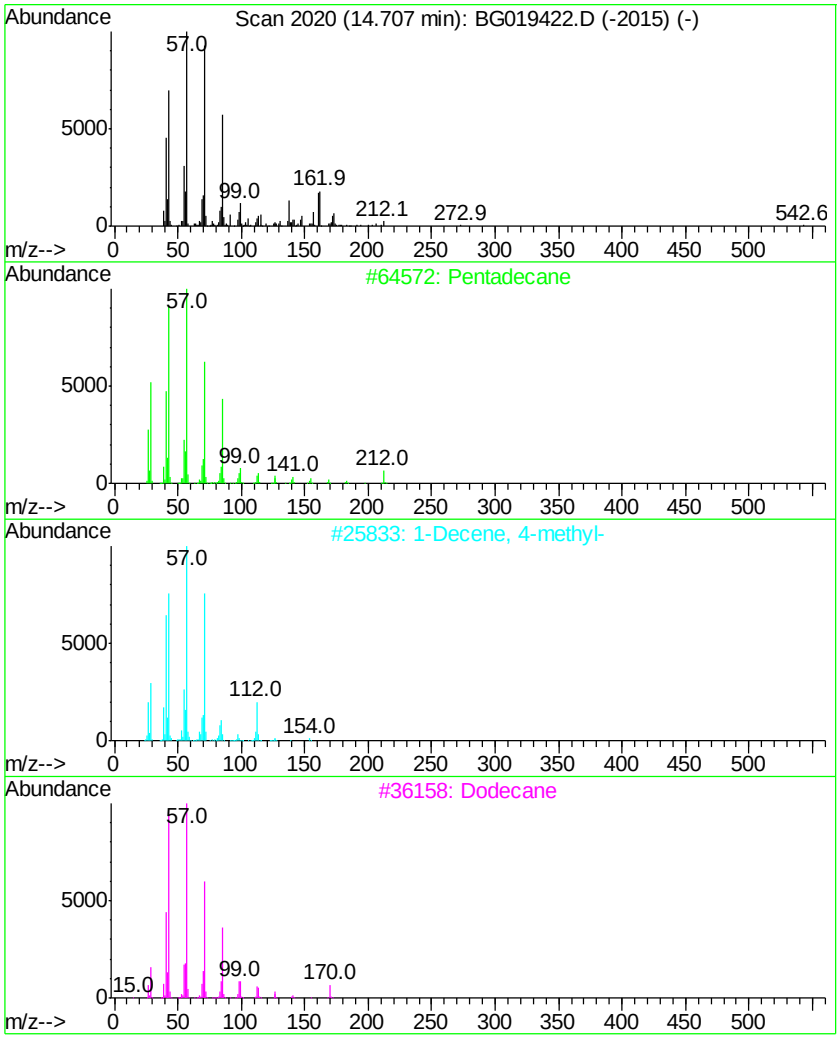
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

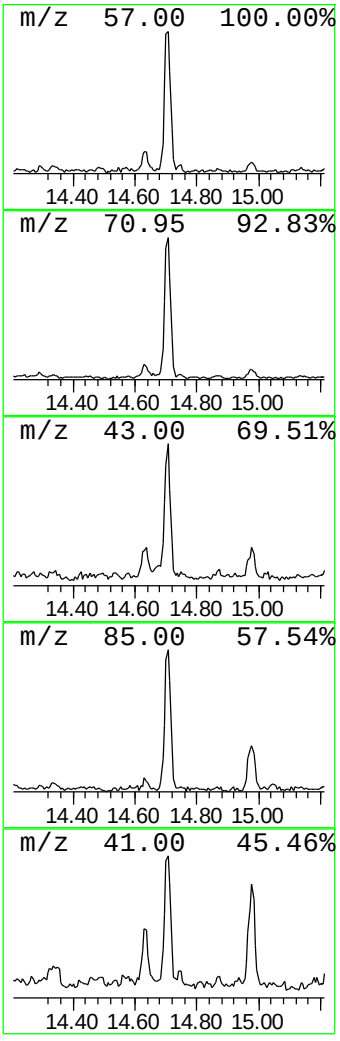
****

Peak Number 47 (DEL) Alkane: Branched14.71 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.14 ng/ul	370546	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	70
3	Dodecane	170	C12H26	000112-40-3	68
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

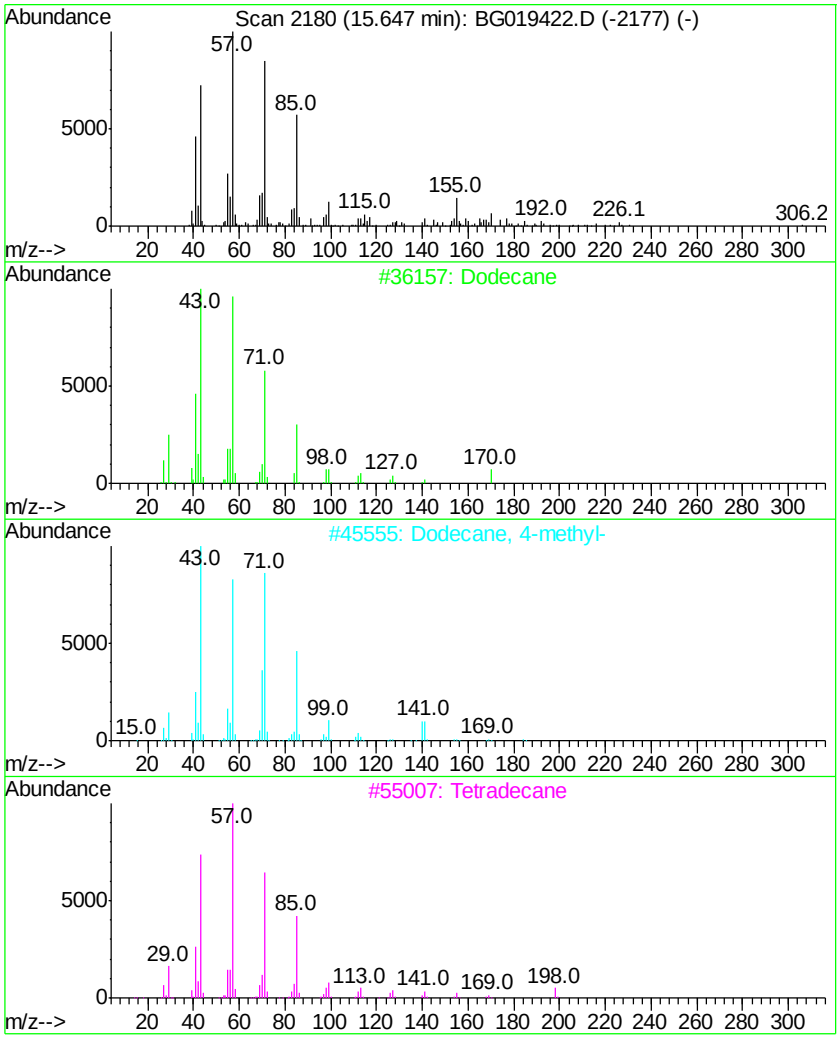
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

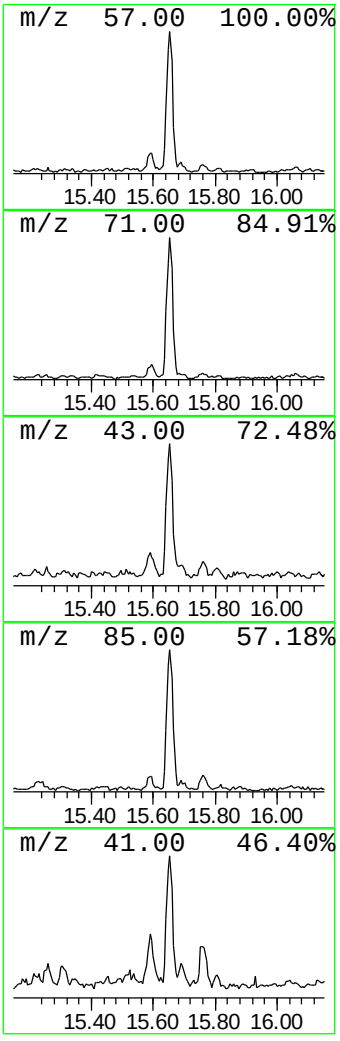
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	6.28 ng/ul	326333	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	76
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

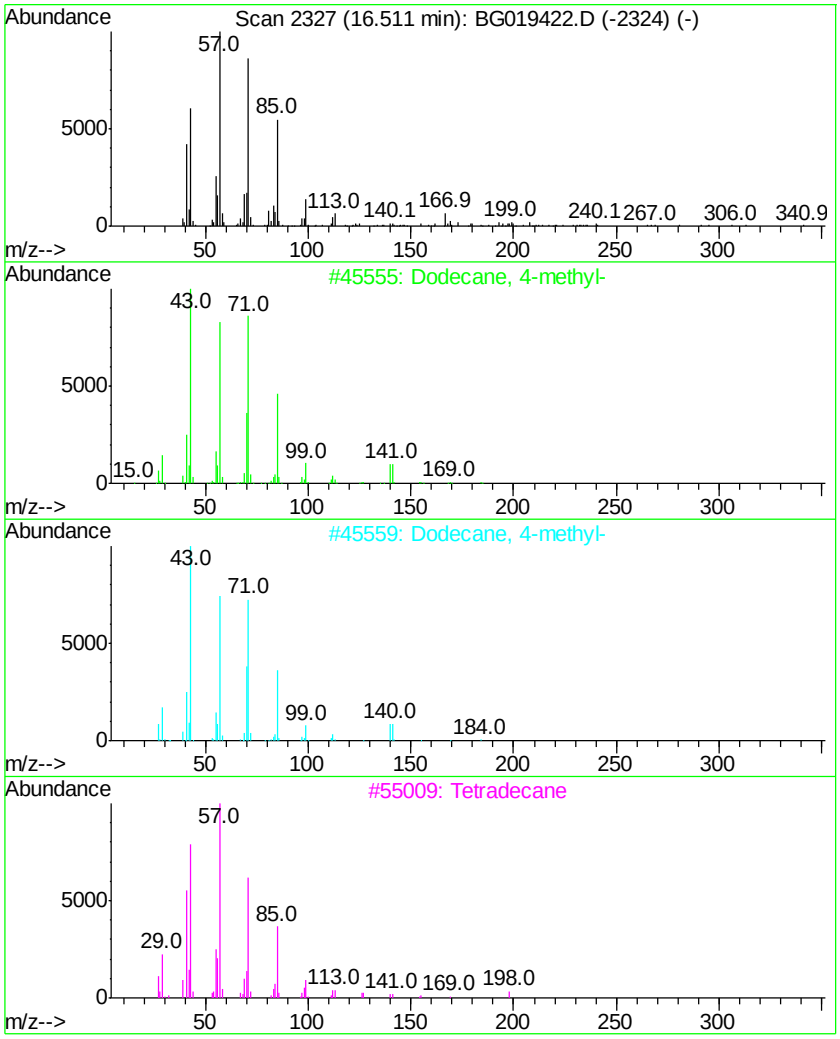
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

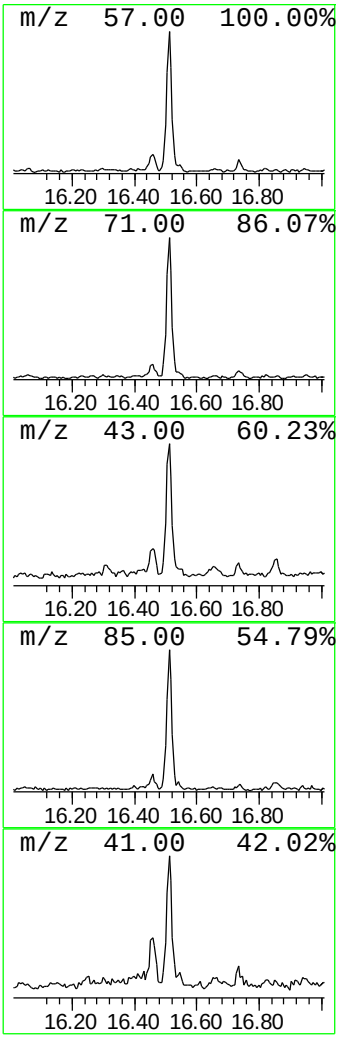
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	6.47 ng/ul	278236	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

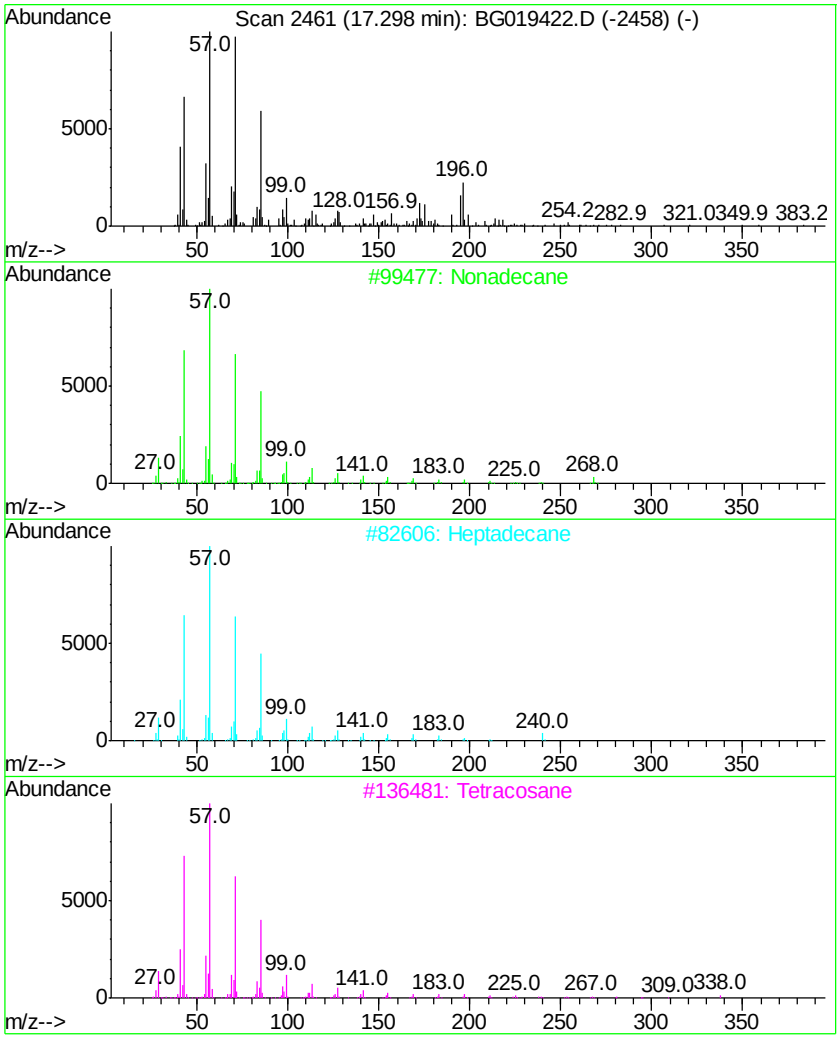
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

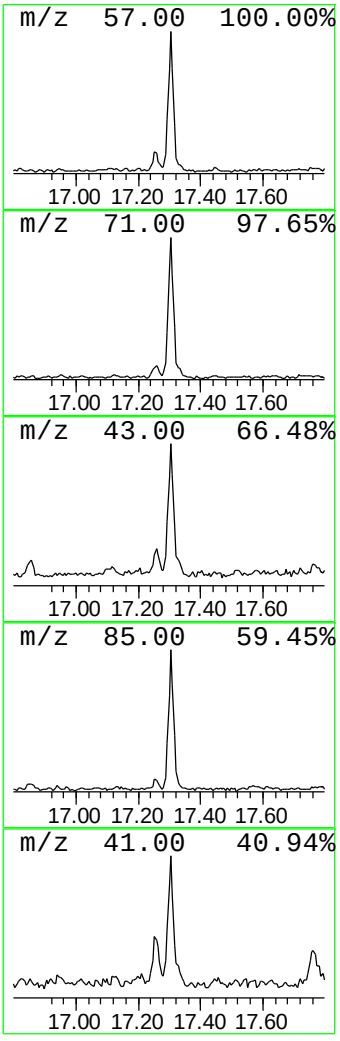
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	10.25 ng/ul	441067	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	74
2	Heptadecane	240	C17H36	000629-78-7	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Heptacosane	380	C27H56	000593-49-7	58
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

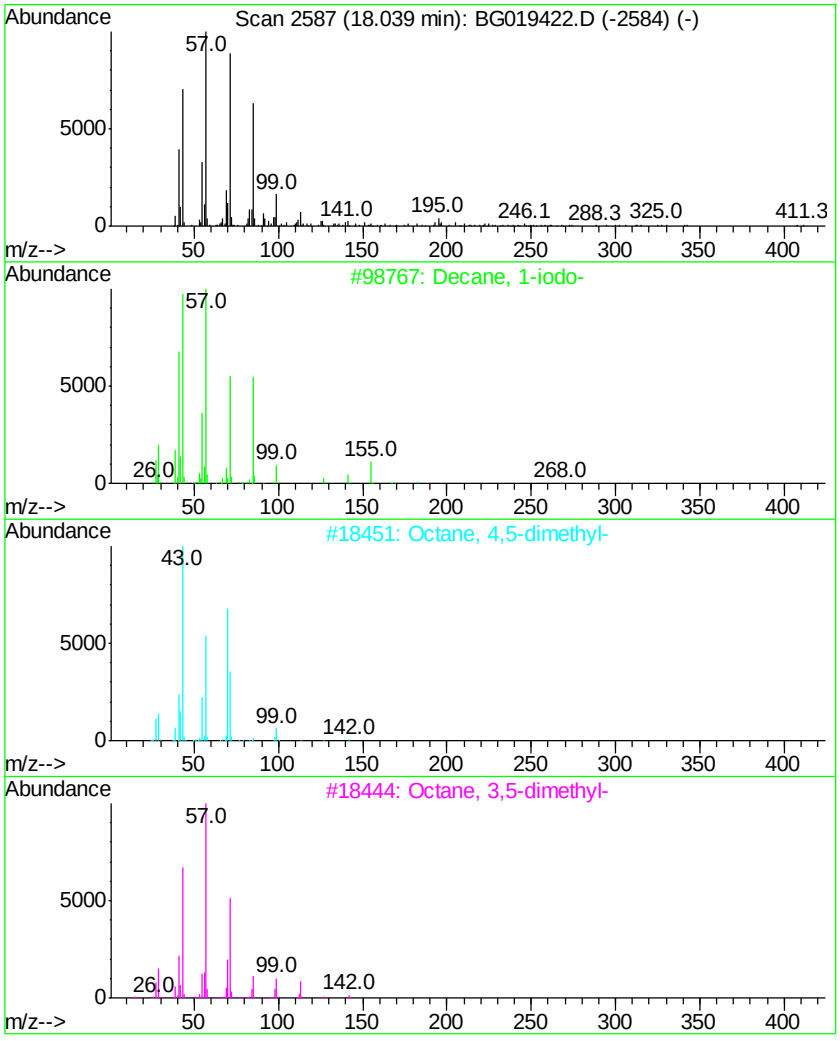
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

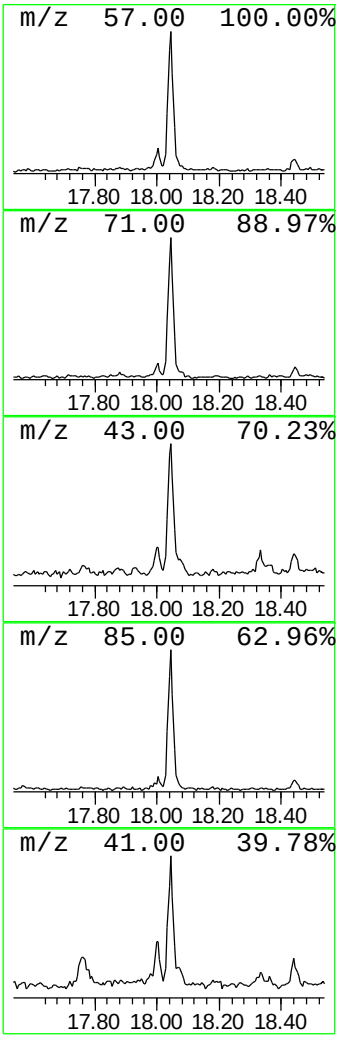
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	12.66 ng/ul	544935	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	58
2	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
4	Pentadecane	212	C15H32	000629-62-9	43
5	Heptacosane	380	C27H56	000593-49-7	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

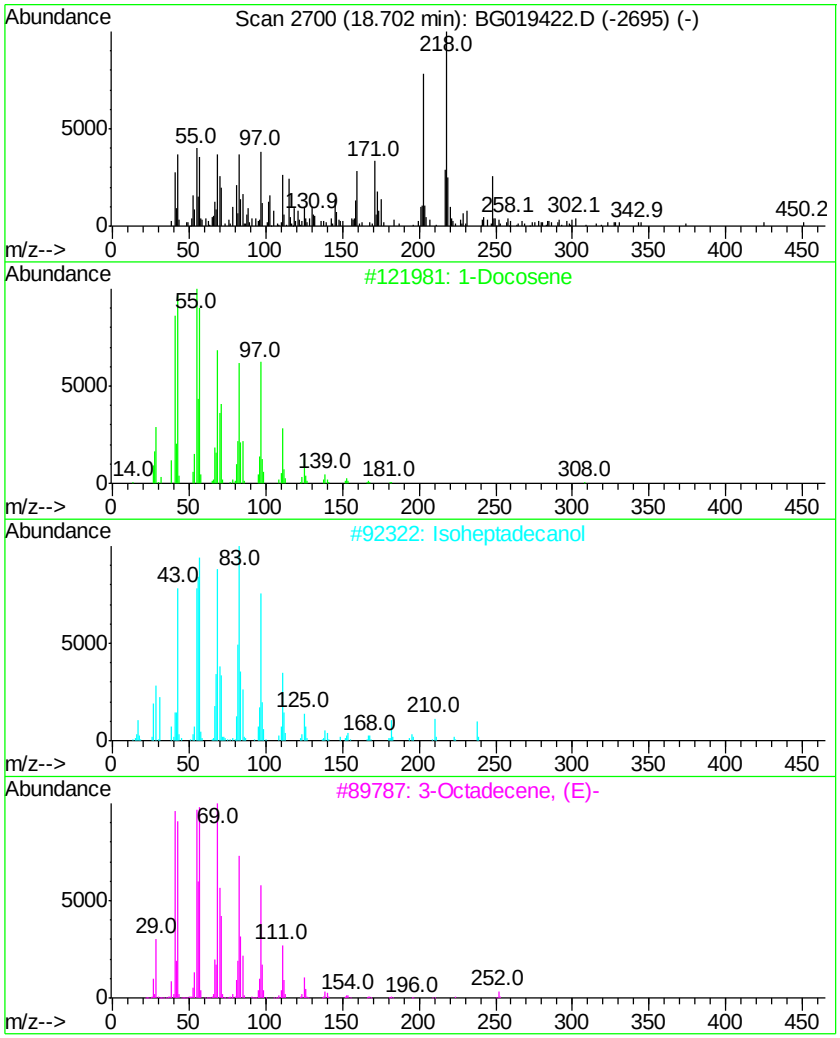
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

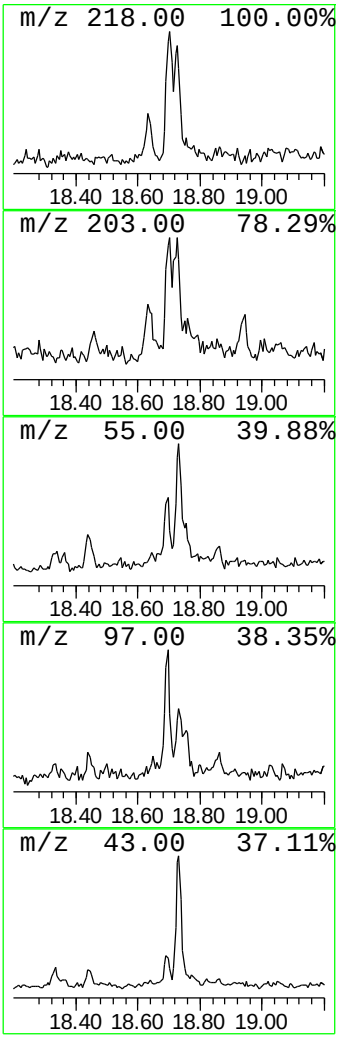
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.46 ng/ul	191877	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	45
2	Isoheptadecanol	256	C17H36O	057289-07-3	38
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	38
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

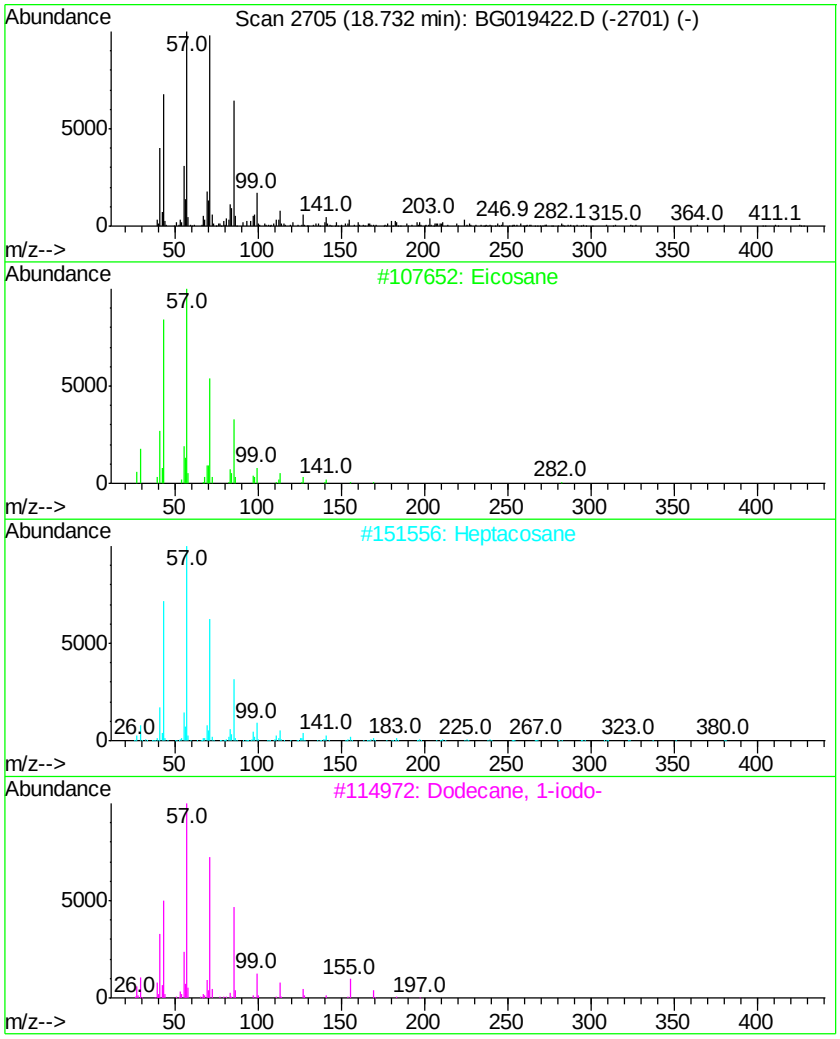
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

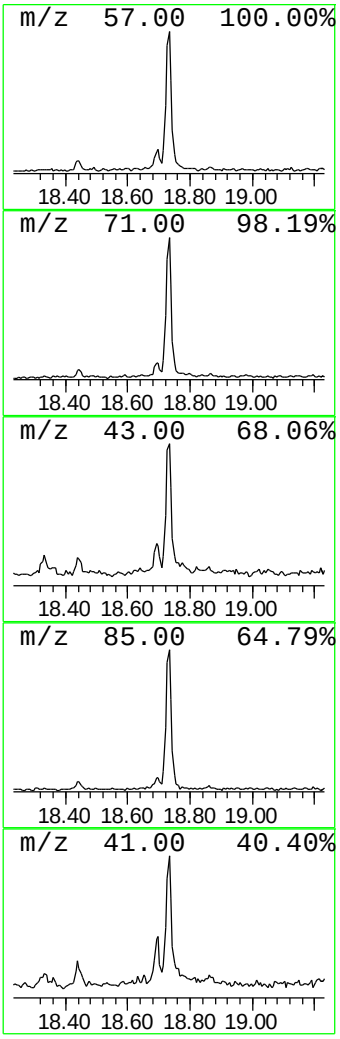
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	10.71 ng/ul	461095	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Heptacosane	380	C27H56	000593-49-7	89
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

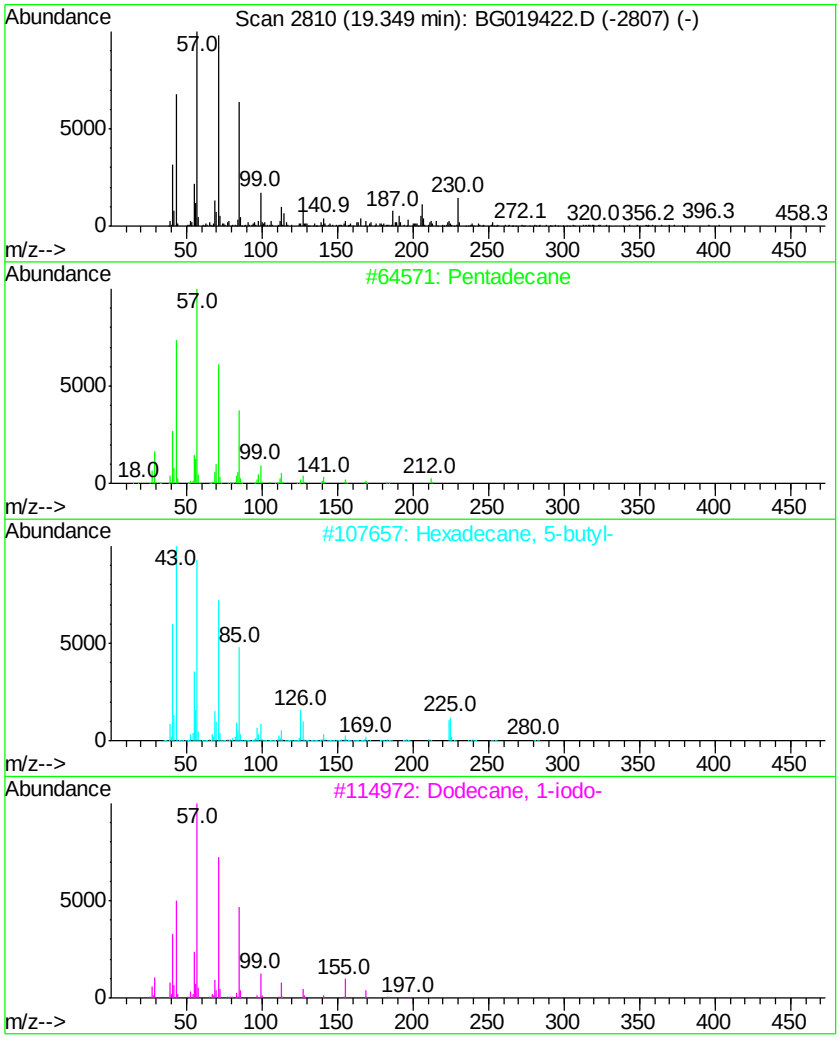
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

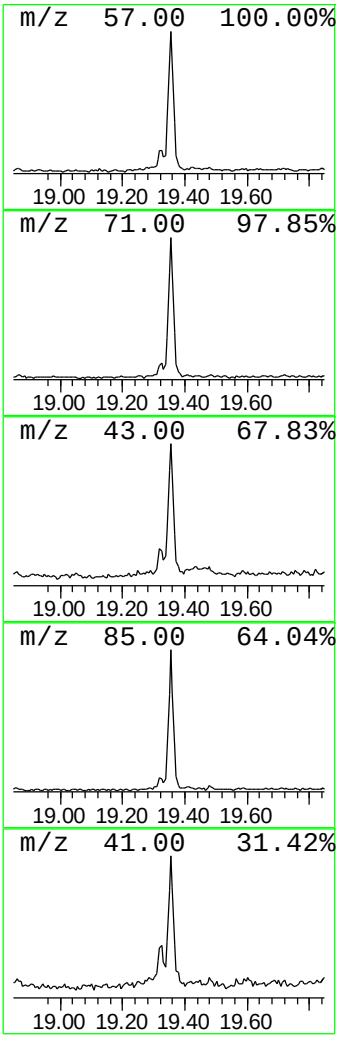
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	11.71 ng/ul	503725	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	89
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Pentadecane	212	C15H32	000629-62-9	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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

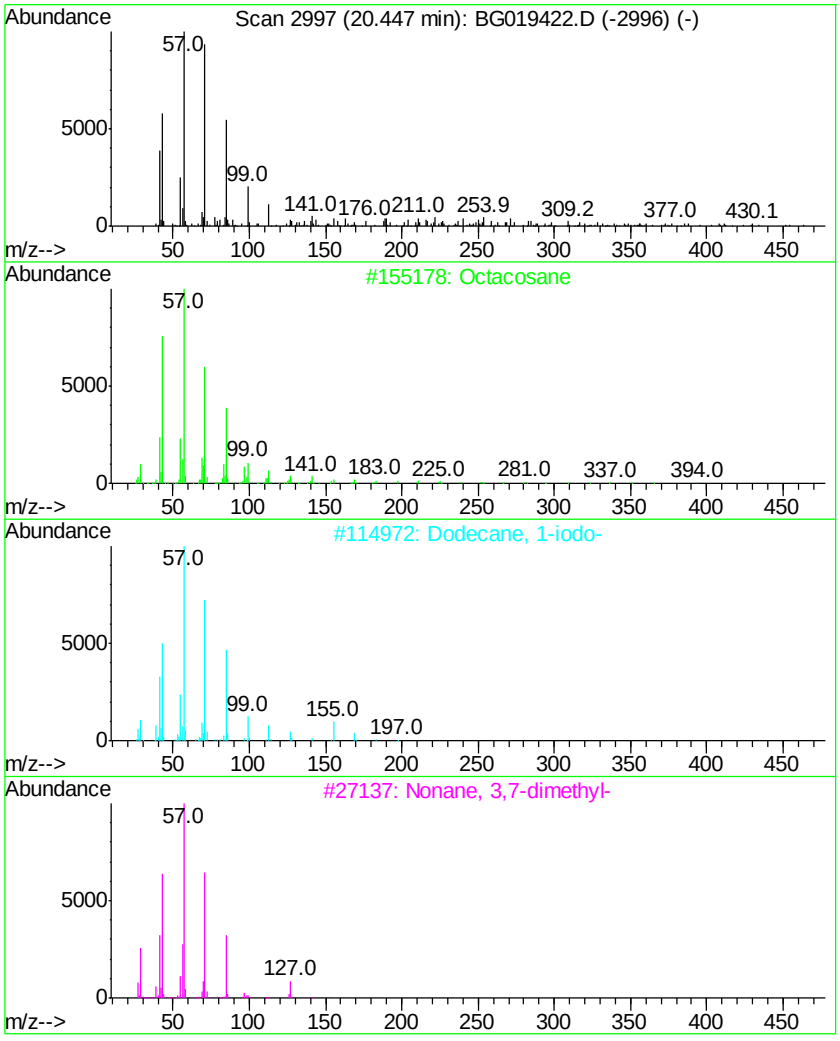
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

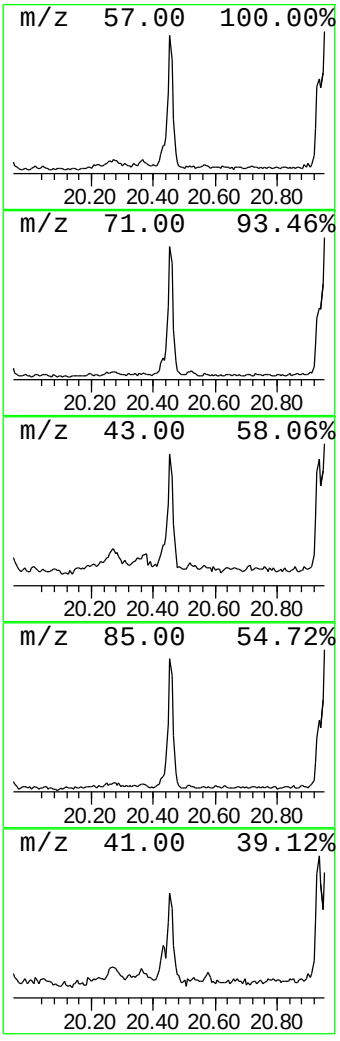
****

Peak Number 70 (DEL) Alkane: Branched20.45 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	8.37 ng/ul	463178	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019422.D
Acq On : 29 Oct 2015 18:06
Operator : UM/NP
Sample : G3996-18DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7DL

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
Cyclopentanone, 2...	6.92	7.5	ng/ul	181812	1	8.20	482362	20.0
Benzene, 1,2,3-tr...	7.85	7.8	ng/ul	187698	1	8.20	482362	20.0
Benzofuran	7.93	9.4	ng/ul	225639	1	8.20	482362	20.0
2-Cyclopenten-1-o...	8.50	18.0	ng/ul	433580	1	8.20	482362	20.0
Indene	8.75	7.1	ng/ul	170908	1	8.20	482362	20.0
Ethanone, 1-(2-me...	8.87	14.0	ng/ul	337305	1	8.20	482362	20.0
Ethanone, 1-(1-cy...	9.31	57.9	ng/ul	1397260	1	8.20	482362	20.0
4-Octyne, 2-methyl-	9.51	12.9	ng/ul	311067	1	8.20	482362	20.0
Cinnamaldehyde, (E)-	9.58	6.7	ng/ul	161555	1	8.20	482362	20.0
Phenol, 2,5-dimet...	9.65	48.0	ng/ul	694213	2	11.04	288993	20.0
Benzofuran, 7-met...	9.69	23.1	ng/ul	333272	2	11.04	288993	20.0
Phenol, 2-ethyl-	10.00	39.6	ng/ul	572711	2	11.04	288993	20.0
Phenol, 3-ethyl-	10.48	132.7	ng/ul	1917010	2	11.04	288993	20.0
2-Methoxy-6-methy...	10.75	41.0	ng/ul	592078	2	11.04	288993	20.0
Phenol, 2-methoxy...	10.88	91.7	ng/ul	1325280	2	11.04	288993	20.0
1H-Benzimidazole,...	11.28	35.7	ng/ul	516093	2	11.04	288993	20.0
2-Propenal, 2-met...	11.45	20.6	ng/ul	297073	2	11.04	288993	20.0
Phenol, 2-ethyl-5...	11.57	40.8	ng/ul	589180	2	11.04	288993	20.0
Phenol, 2,3,6-tri...	11.63	20.8	ng/ul	299791	2	11.04	288993	20.0
Phenol, 2-propyl-	11.86	85.9	ng/ul	1241550	2	11.04	288993	20.0
Phenol, 3,4,5-tri...	12.05	46.4	ng/ul	670037	2	11.04	288993	20.0
Phenol, 2,4,5-tri...	12.10	45.6	ng/ul	658901	2	11.04	288993	20.0
Phenol, 4-ethyl-2...	12.19	139.1	ng/ul	2010190	2	11.04	288993	20.0
1H-Inden-1-one, 2...	12.42	34.2	ng/ul	494029	2	11.04	288993	20.0
Benzene, 4-(2-but...	12.99	4.1	ng/ul	211004	3	14.84	1038540	20.0
Phenol, 2,6-dimet...	13.11	26.3	ng/ul	1363410	3	14.84	1038540	20.0
(DEL) Alkane: Str...	13.56	6.3	ng/ul	329773	3	14.84	1038540	20.0
(DEL) Alkane: Bra...	14.71	7.1	ng/ul	370546	3	14.84	1038540	20.0
(DEL) Alkane: Str...	15.65	6.3	ng/ul	326333	3	14.84	1038540	20.0
(DEL) Alkane: Str...	16.51	6.5	ng/ul	278236	4	17.58	860691	20.0
(DEL) Alkane: Str...	17.30	10.3	ng/ul	441067	4	17.58	860691	20.0
(DEL) Alkane: Str...	18.04	12.7	ng/ul	544935	4	17.58	860691	20.0
(DEL) Alkane: Str...	18.70	4.5	ng/ul	191877	4	17.58	860691	20.0
(DEL) Alkane: Str...	18.73	10.7	ng/ul	461095	4	17.58	860691	20.0
(DEL) Alkane: Str...	19.35	11.7	ng/ul	503725	4	17.58	860691	20.0
(DEL) Alkane: Bra...	20.45	8.4	ng/ul	463178	5	21.87	1107370	20.0