LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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	3.184	54	59	68	rVB	25817	39009	5.14%	0.421%
2	5.646	472	478	488	rBV	19595	40735	5.37%	0.439%
3	6.016	538	541	548	rVV2	19344	30929	4.08%	0.334%
4	6.739	656	664	674	rVB3	15789	31360	4.13%	0.338%
5	7.091	721	724	730	rVV	13763	22553	2.97%	0.243%
6	7.221	738	746	756	rVB	59183	115103	15.18%	1.242%
7	7.397	771	776	784	rVV5	11874	30229	3.99%	0.326%
8	7.650	809	819	826	rVV2	24590	56035	7.39%	0.604%
9	7.732	827	833	840	rVV3	23559	47007	6.20%	0.507%
10	8.008	870	880	888	rBV2	55313	96098	12.67%	1.037%
11	8.302	923	930	939	rBV2	33447	72453	9.55%	0.782%
12	8.466	952	958	967	rVB	170515	288141	37.99%	3.108%
13	8.549	967	972	978	rVB4	15981	27018	3.56%	0.291%
14	8.672	978	993	999	rBV3	25862	69424	9.15%	0.749%
15	8.807	1007	1016	1032	rVB	401425	758451	100.00%	8.181%
16	9.130	1059	1071	1076	rBV9	19417	69807	9.20%	0.753%
17	9.301	1094	1100	1105	rBV7	15352	26907	3.55%	0.290%
18	9.365	1105	1111	1118	rVB6	15137	29598	3.90%	0.319%
19	9.442	1118	1124	1128	rBV2	69731	122649	16.17%	1.323%
20	9.553	1137	1143	1153	rVB	55650	103171	13.60%	1.113%
21	9.794	1178	1184	1190	rVB	51434	86685	11.43%	0.935%
22	10.000	1212	1219	1222	rBV	133893	251857	33.21%	2.717%
23	10.029	1222	1224	1235	rVV2	144281	229951	30.32%	2.480%
24	10.223	1250	1257	1258	rBV4	27168	47857	6.31%	0.516%
25	10.276	1258	1266	1269	rVV	187881	408194	53.82%	4.403%
26	10.311	1269	1272	1280	rVB	142283	223315	29.44%	2.409%
27	10.458	1290	1297	1303	rBV2	67940	129716	17.10%	1.399%
28	10.517	1303	1307	1312	rVV3	13755	23110	3.05%	0.249%
29	10.652	1323	1330	1334	rBV3	27612	64627	8.52%	0.697%
30	10.699	1334	1338	1347	rVV2	57341	113213	14.93%	1.221%
31	10.781	1347	1352	1353	rVV	25239	37322	4.92%	0.403%
32	10.816	1353	1358	1363	rVV	79234	150862	19.89%	1.627%
33	10.869	1363	1367	1372	rVB2	28067	50317	6.63%	0.543%
34	10.963	1378	1383	1390	rBV	37852	59926	7.90%	0.646%

LSC Area Percent Report

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Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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	11.063	1395	1400	1404	rBV4	19623	43685	5.76%	0.471%
36	11.187	1413	1421	1424	rBV	47470	88909	11.72%	0.959%
37	11.228	1424	1428	1432	rVV	47467	85425	11.26%	0.921%
38	11.275	1432	1436	1444	rVB2	22036	54089	7.13%	0.583%
39	11.363	1444	1451	1455	rBV	45713	78290	10.32%	0.844%
40	11.410	1455	1459	1462	rVV3	27485	47929	6.32%	0.517%
41	11.439	1462	1464	1468	rVB2	23244	27738	3.66%	0.299%
42	11.486	1468	1472	1481	rVB8	8497	20296	2.68%	0.219%
43	11.580	1482	1488	1493	rBV6	14089	25295	3.34%	0.273%
44	11.651	1493	1500	1507	rBV2	172688	314733	41.50%	3.395%
45	11.845	1527	1533	1538	rVV2	39498	74199	9.78%	0.800%
46	11.898	1538	1542	1548	rVV3	50324	95430	12.58%	1.029%
47	11.956	1548	1552	1557	rVV3	12436	22849	3.01%	0.246%
48	12.021	1558	1563	1573	rVB5	19008	43373	5.72%	0.468%
49	12.221	1588	1597	1602	rVB4	38978	73241	9.66%	0.790%
50	12.467	1634	1639	1643	rVV	35941	54827	7.23%	0.591%
51	12.520	1643	1648	1655	rVV6	34976	80066	10.56%	0.864%
52	12.614	1660	1664	1672	rVB2	14270	37169	4.90%	0.401%
53	12.691	1672	1677	1683	rVB	32123	56804	7.49%	0.613%
54	12.796	1689	1695	1699	rVB3	15037	24180	3.19%	0.261%
55	12.855	1699	1705	1706	rBV4	17789	31637	4.17%	0.341%
56	12.908	1711	1714	1724	rVB6	26063	52538	6.93%	0.567%
57	12.996	1724	1729	1733	rBV3	43299	71305	9.40%	0.769%
58	13.055	1733	1739	1743	rVV6	26341	58108	7.66%	0.627%
59	13.102	1743	1747	1752	rVB4	27724	44397	5.85%	0.479%
60	13.243	1765	1771	1780	rVB10	11602	29285	3.86%	0.316%
61	13.366	1780	1792	1799	rBV10	27659	78630	10.37%	0.848%
62	13.455	1799	1807	1812	rBV4	42994	76111	10.04%	0.821%
63	13.719	1843	1852	1856	rBV10	13254	31500	4.15%	0.340%
64	13.784	1858	1863	1868	rBV2	20856	45835	6.04%	0.494%
65	13.966	1888	1894	1898	rBV5	21727	50969	6.72%	0.550%
66	14.160	1918	1927	1932	rBV2	107481	216360	28.53%	2.334%
67	14.283	1943	1948	1954	rBV9	9394	22247	2.93%	0.240%
68	14.336	1954	1957	1965	rVB3	15122	30175	3.98%	0.325%
69	14.453	1972	1977	1983	rBV5	19998	40057	5.28%	0.432%
70	14.530	1985	1990	1994	rVV	46815	64442	8.50%	0.695%
71	14.641	2001	2009	2016	rBV2	134379	246904	32.55%	2.663%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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	14.753	2025	2028	2032	rVB4	17490	23729	3.13%	0.256%
73	15.035	2071	2076	2078	rBV4	14681	22501	2.97%	0.243%
74	15.082	2079	2084	2088	rVB	117970	152864	20.15%	1.649%
75	15.411	2135	2140	2146	rBV4	26498	41447	5.46%	0.447%
76	15.476	2147	2151	2155	rBV	47497	61194	8.07%	0.660%
77	15.628	2173	2177	2182	rVV	25093	35372	4.66%	0.382%
78	15.681	2182	2186	2191	rVB6	16460	26552	3.50%	0.286%
79	15.899	2218	2223	2229	rBV9	15301	33656	4.44%	0.363%
80	16.286	2285	2289	2293	rVB5	15447	21703	2.86%	0.234%
81	16.339	2294	2298	2302	rBV	47093	56614	7.46%	0.611%
82	16.469	2315	2320	2323	rBV6	12769	22186	2.93%	0.239%
83	16.686	2351	2357	2362	rVB8	12649	25961	3.42%	0.280%
84	17.133	2428	2433	2436	rVV	46249	59027	7.78%	0.637%
85	17.232	2445	2450	2455	rBV6	9958	20037	2.64%	0.216%
86	17.291	2455	2460	2465	rBV	45632	71375	9.41%	0.770%
87	17.385	2471	2476	2481	rVB	157830	230647	30.41%	2.488%
88	17.485	2489	2493	2498	rVB2	25759	35912	4.73%	0.387%
89	17.579	2503	2509	2516	rBV	340401	592148	78.07%	6.387%
90	17.873	2555	2559	2567	rVB3	51067	77788	10.26%	0.839%
91	18.149	2600	2606	2609	rBV	78790	117382	15.48%	1.266%
92	18.178	2609	2611	2617	rVB	42342	49919	6.58%	0.538%
93	18.560	2673	2676	2680	rVV2	27485	35430	4.67%	0.382%
94	19.101	2764	2768	2775	rBV	48979	69080	9.11%	0.745%
95	19.189	2780	2783	2790	rVB2	34417	52159	6.88%	0.563%
96	19.735	2874	2876	2879	rBV3	16917	20007	2.64%	0.216%
97	19.765	2879	2881	2890	rVB4	49013	78580	10.36%	0.848%
98	20.775	3050	3053	3061	rVB3	106323	199088	26.25%	2.148%
99	21.657	3198	3203	3209	rVB	166873	263176	34.70%	2.839%
100	24.865	3744	3749	3766	rVB4	102326	282392	37.23%	3.046%

Sum of corrected areas: 9270582

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
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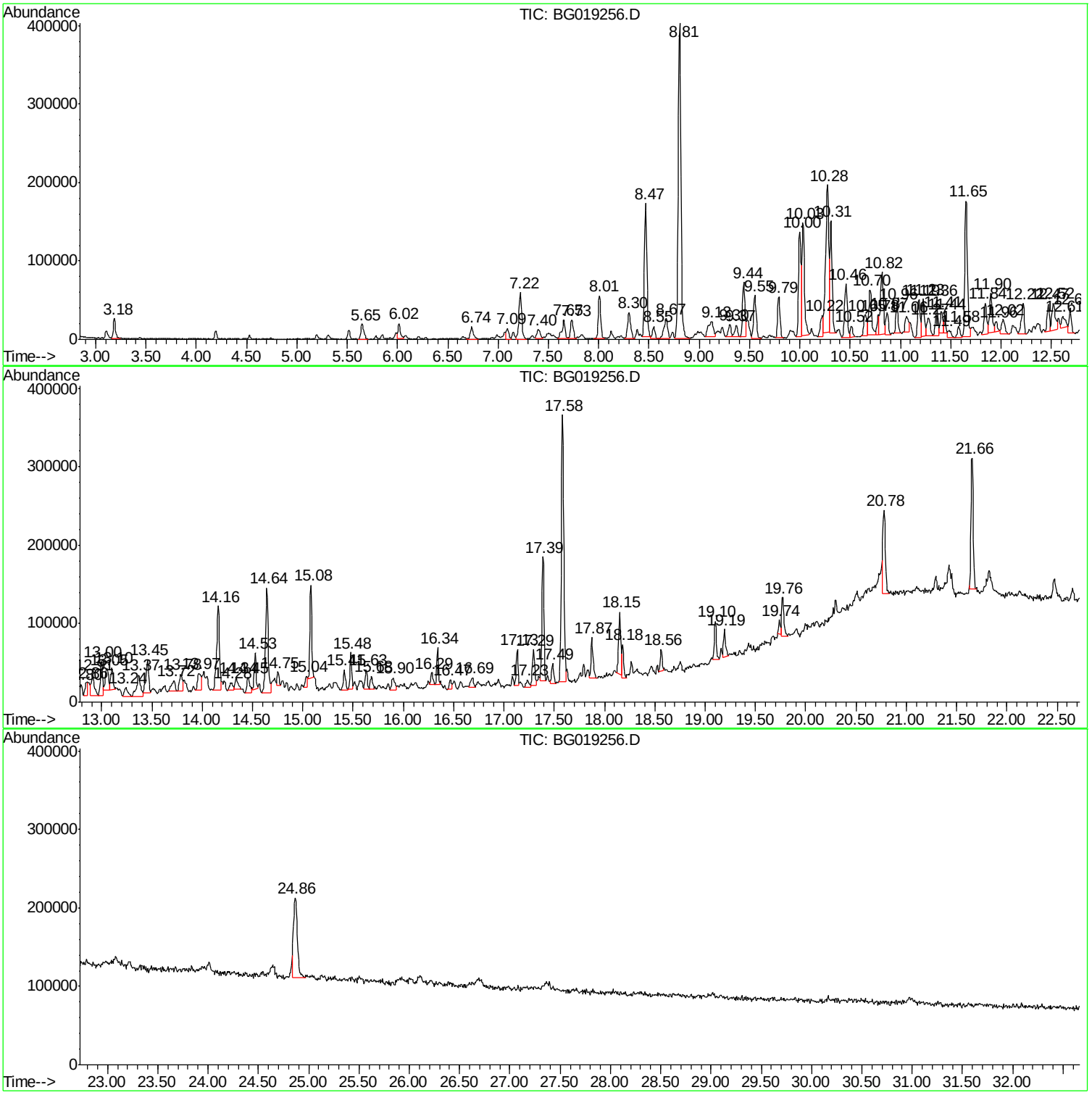
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
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Instrument : BNA_G
ClientSampleId : E5LK5DL

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

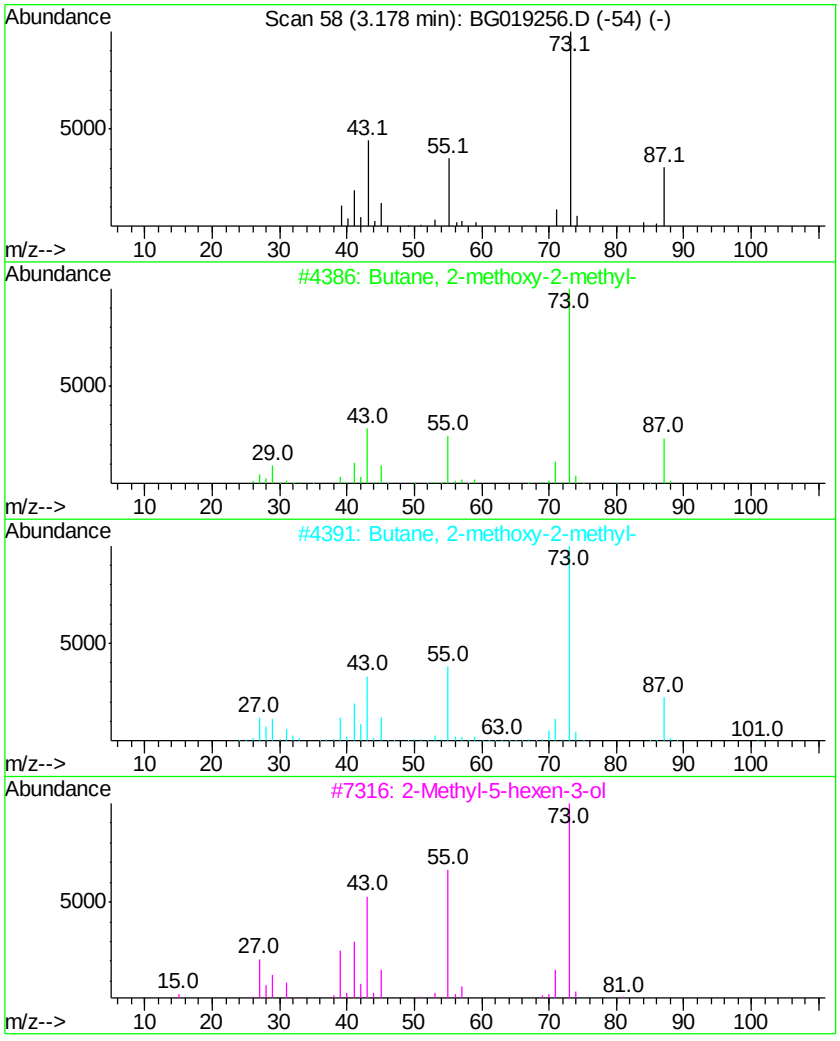
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

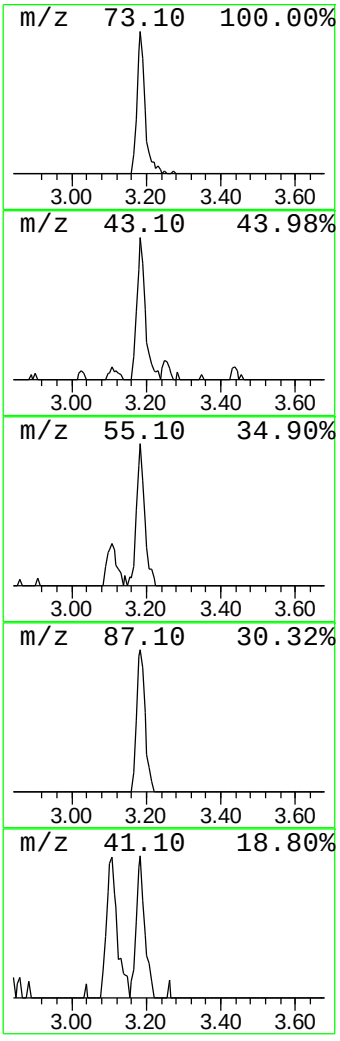
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	8.12 ng/ul	39009	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	1-Pentanamine	87	C5H13N	000110-58-7	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

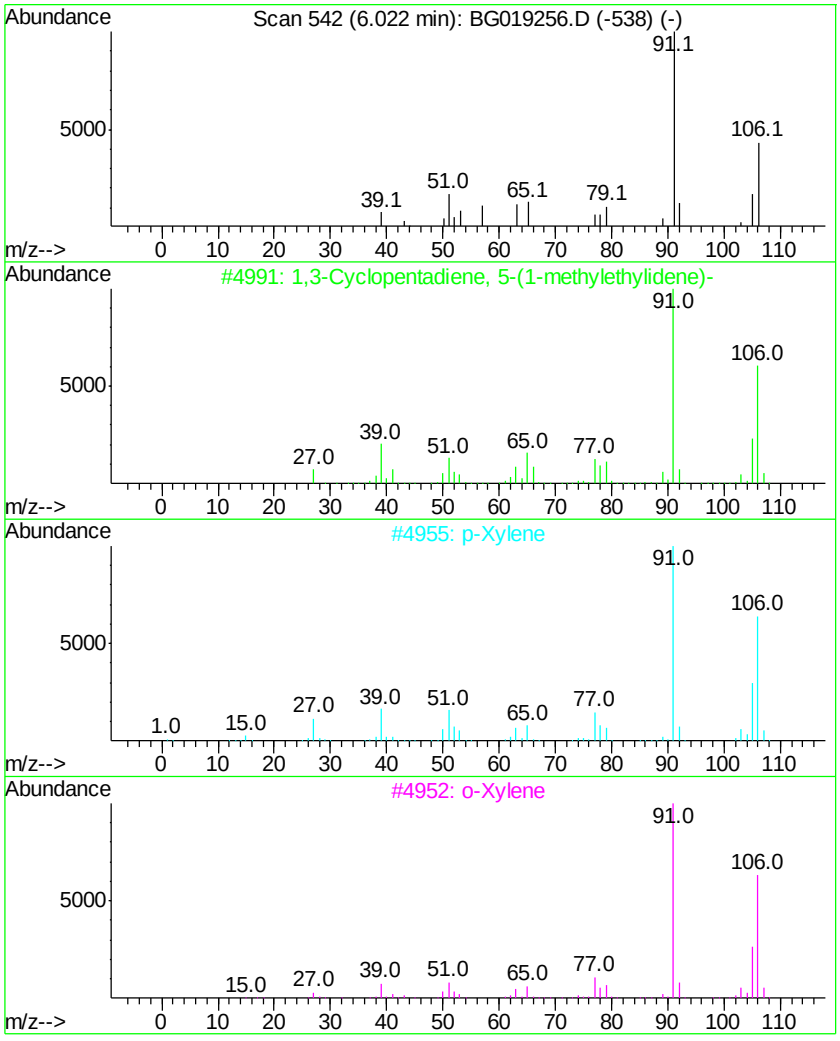
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

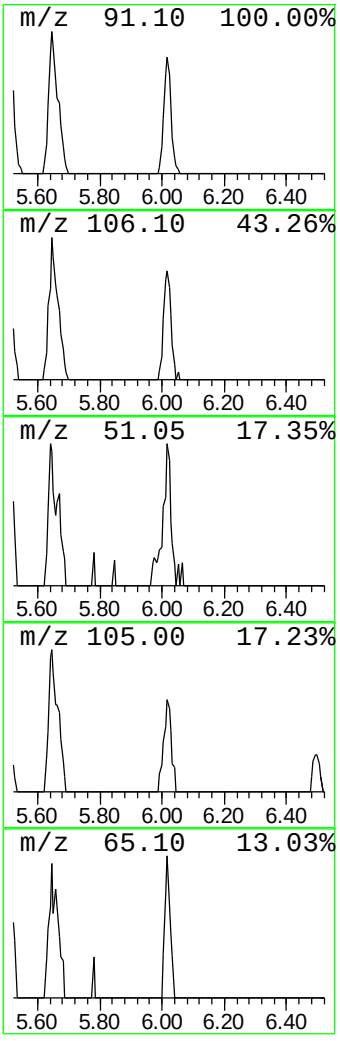
****

Peak Number 3 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	6.44 ng/ul	30929	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74
2	p-Xylene	106	C8H10	000106-42-3	64
3	o-Xylene	106	C8H10	000095-47-6	64
4	Ethylbenzene	106	C8H10	000100-41-4	64
5	Ethylbenzene	106	C8H10	000100-41-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

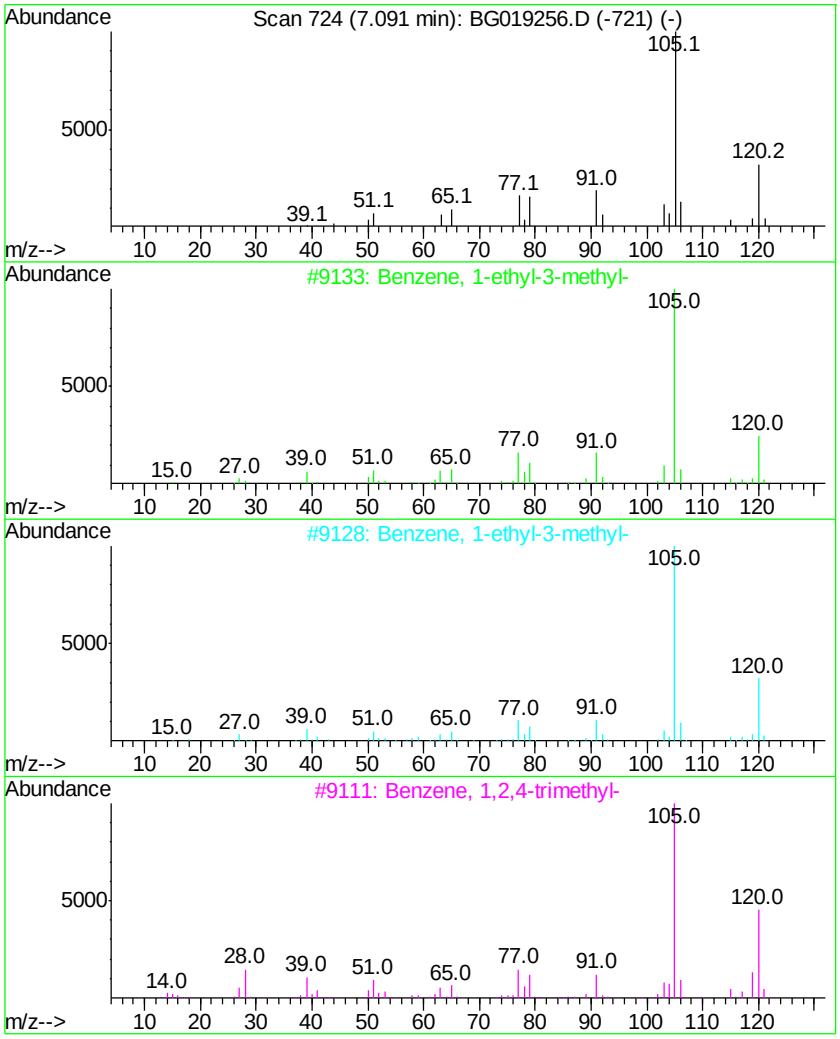
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

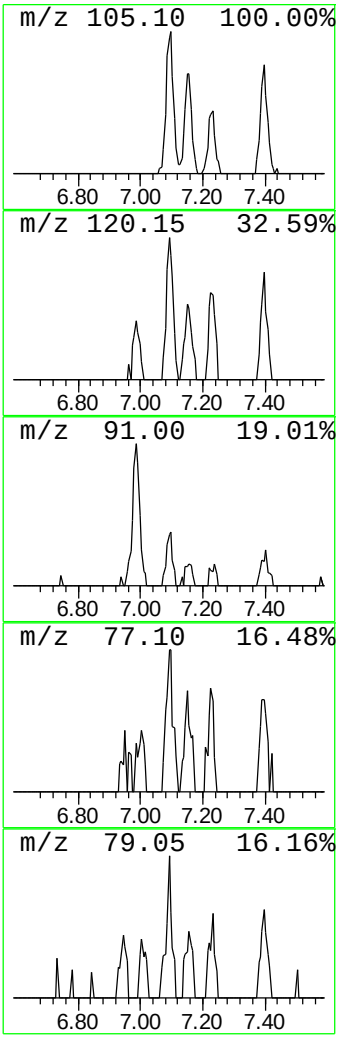
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	4.69 ng/ul	22553	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

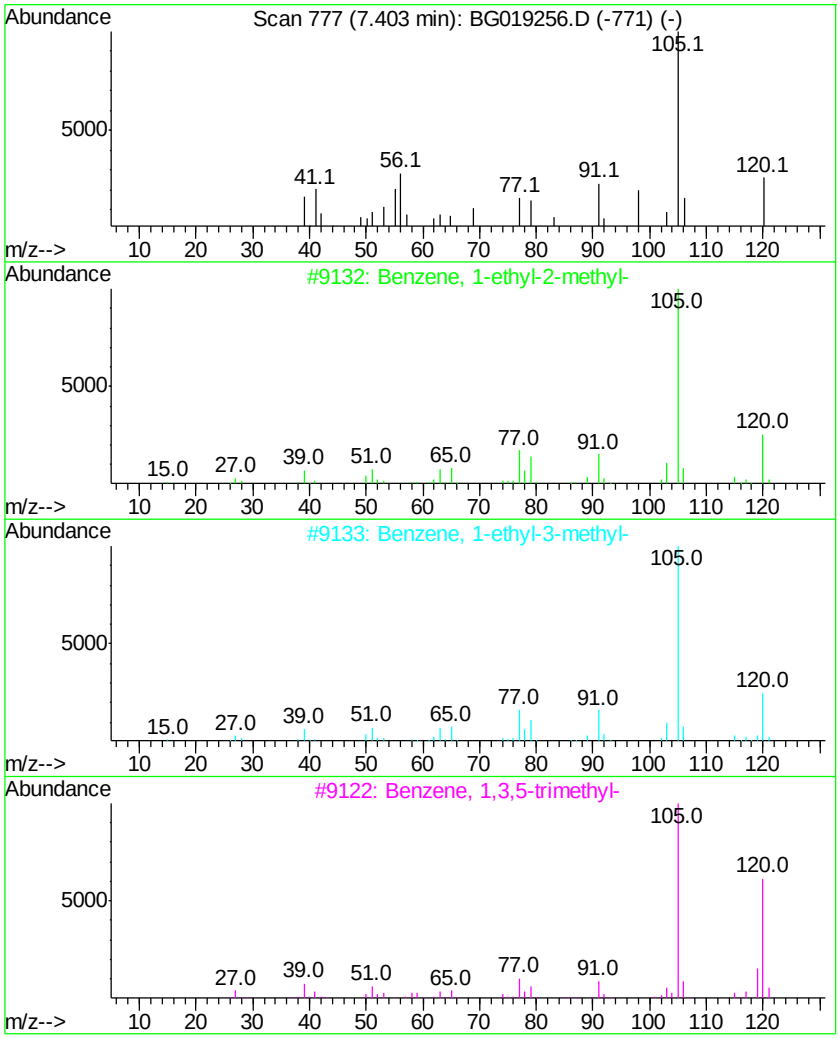
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

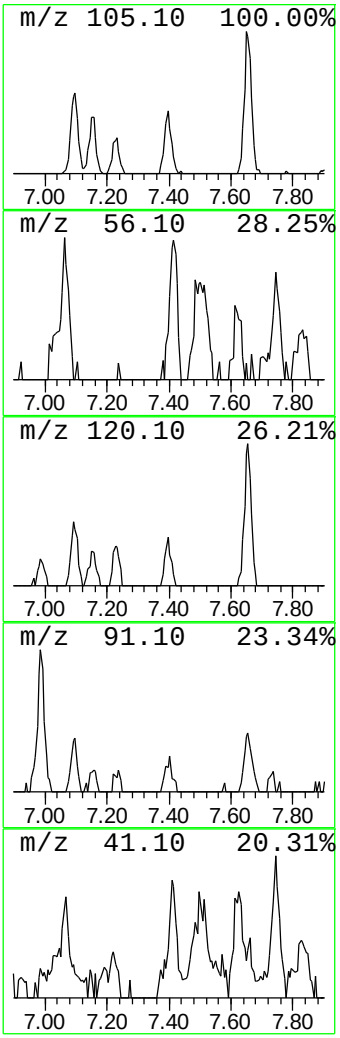
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	6.29 ng/ul	30229	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

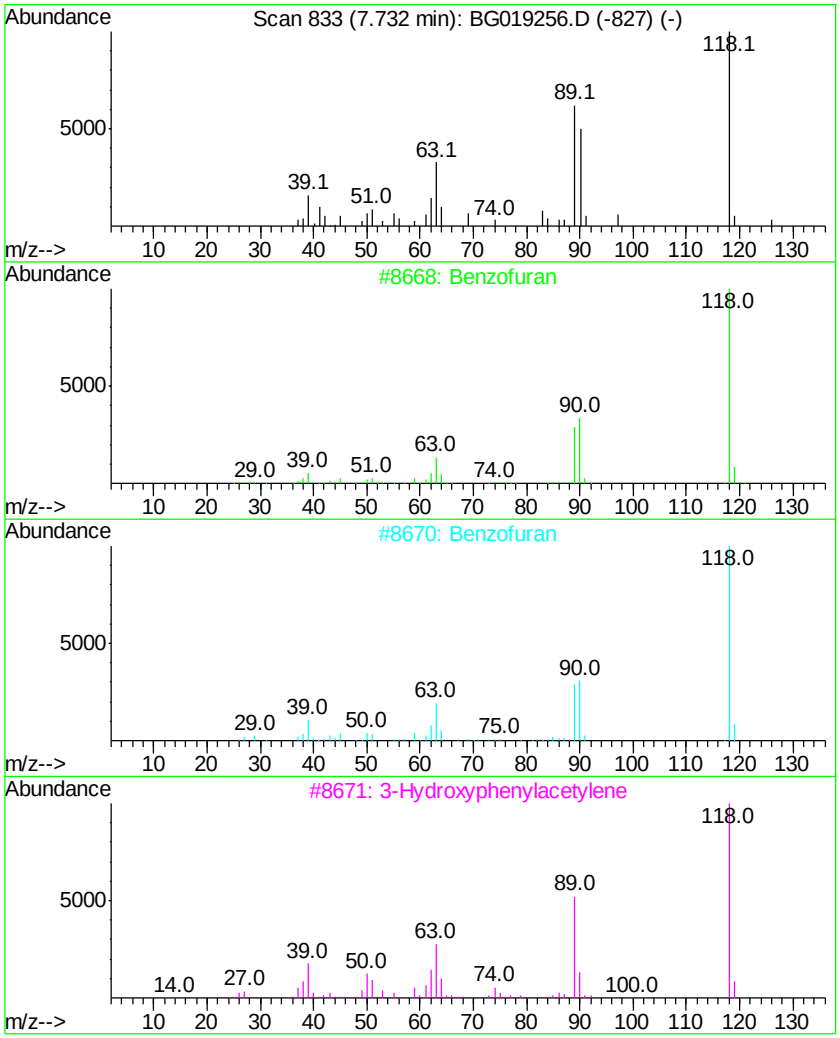
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

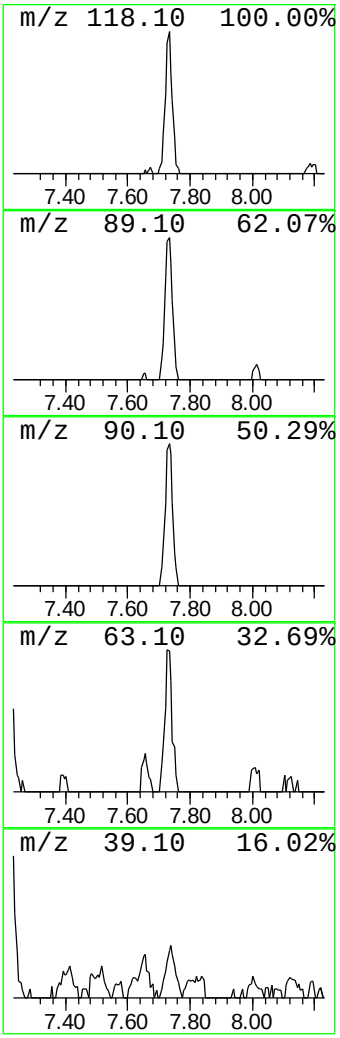
****

Peak Number 8 Benzofuran Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	9.78 ng/ul	47007	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	90
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	72
4	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	38
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	35





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

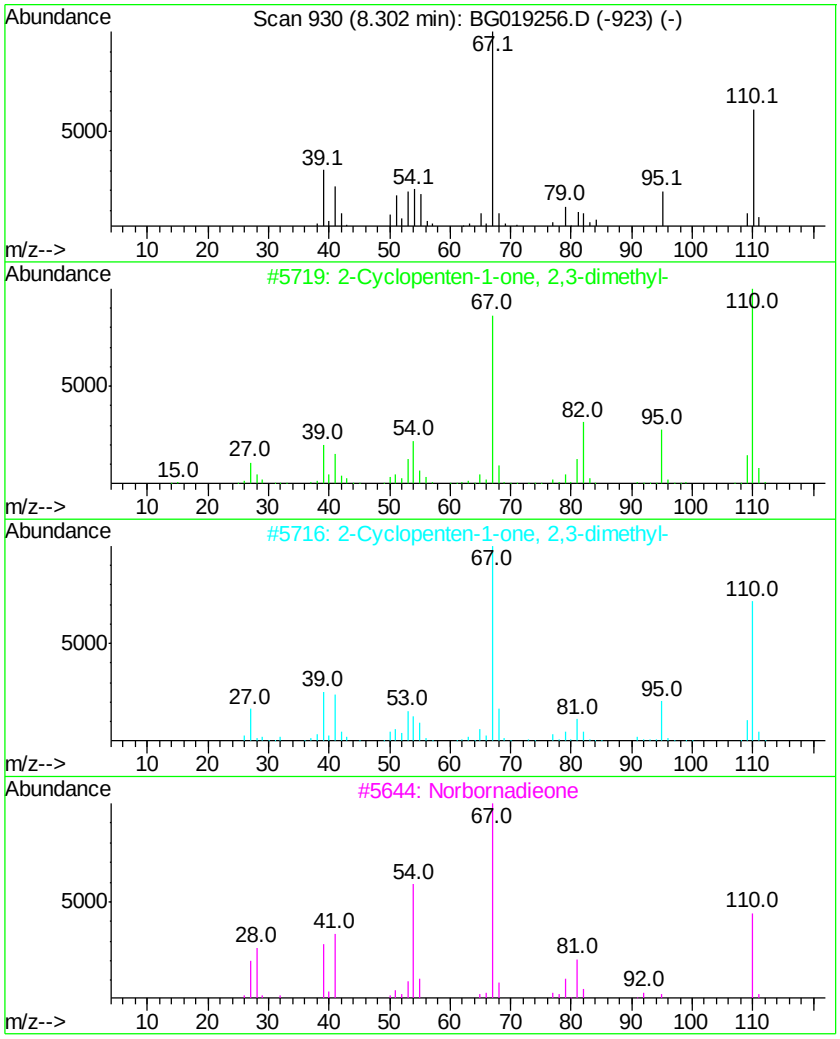
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

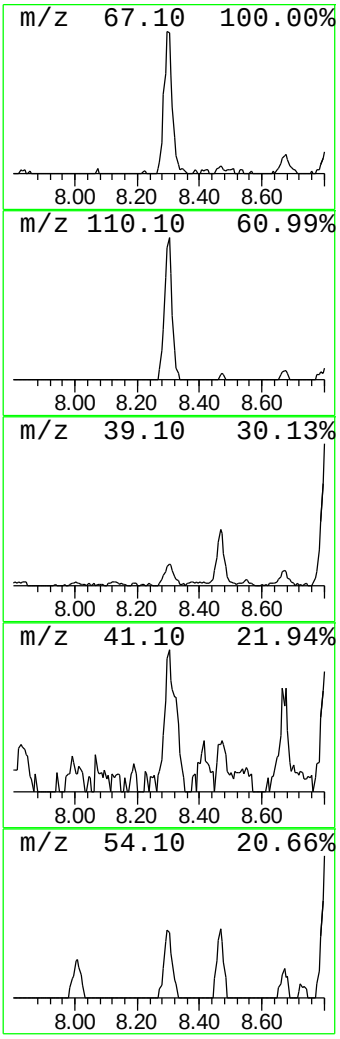
****

Peak Number 9 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	15.08 ng/ul	72453	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	86
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	83
3	Norbornadieone	110	C7H10O	010218-02-7	52
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	49
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	005070-00-8	49





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

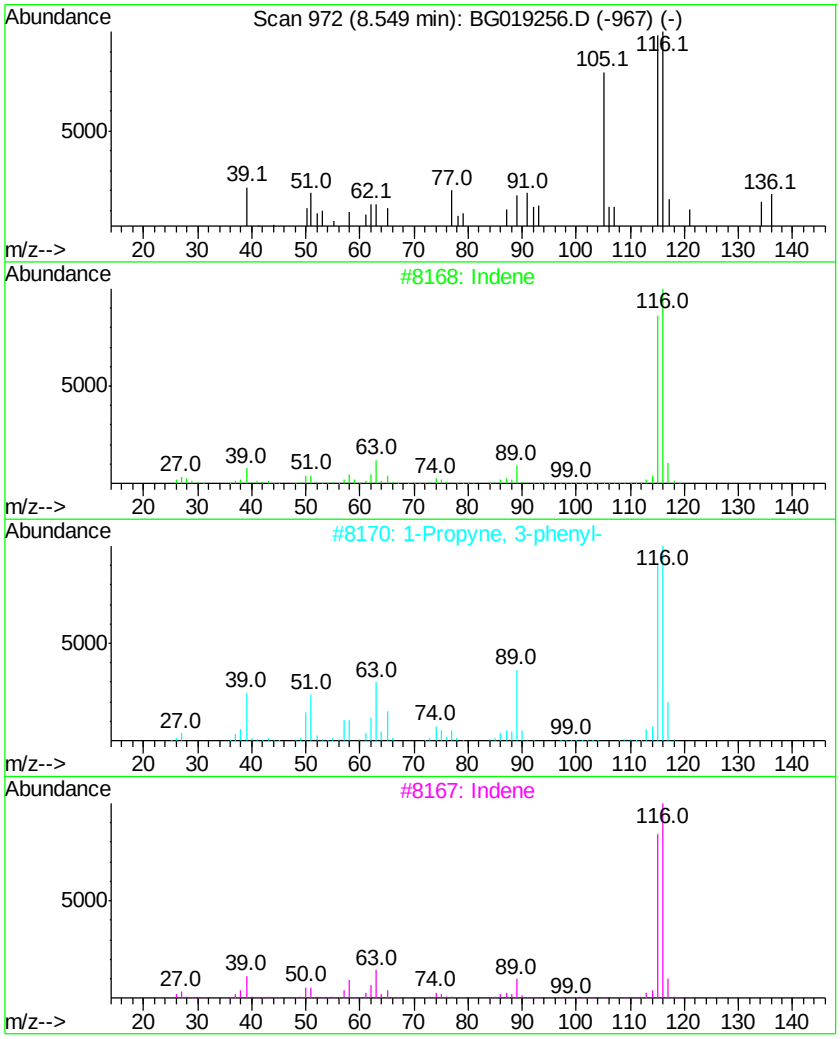
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

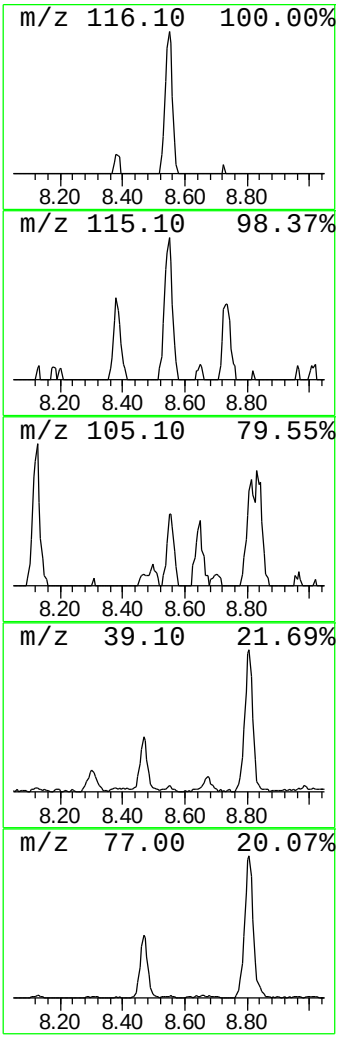
****

Peak Number 10 Indene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	5.62 ng/ul	27018	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	59
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	49
3	Indene	116	C9H8	000095-13-6	47
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	38
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	38





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

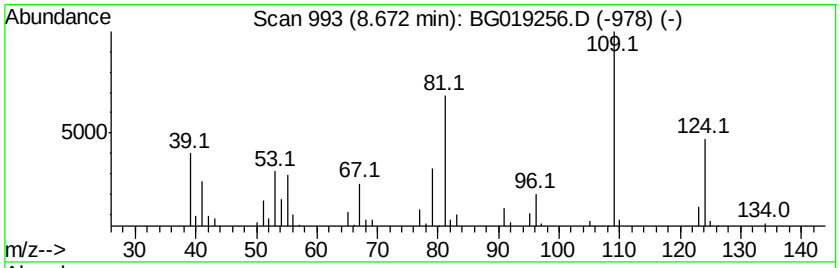
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

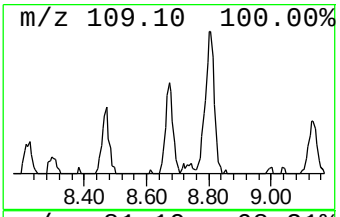
****

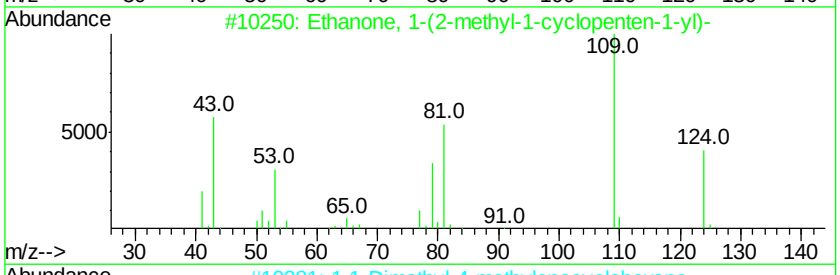
Peak Number 11 Ethanone, 1-(2-methyl-1-cyc... Concentration Rank 10

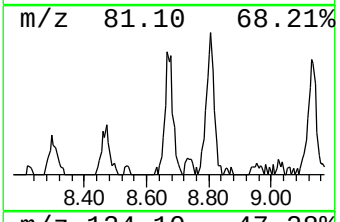
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	14.45 ng/ul	69424	1,4-Dichlorobenzene-d4	8.01

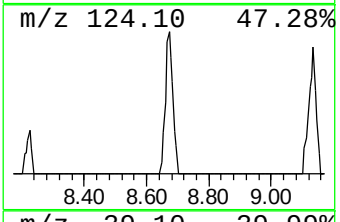
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	70
2	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	62
3	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	59
4	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	52
5	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	52

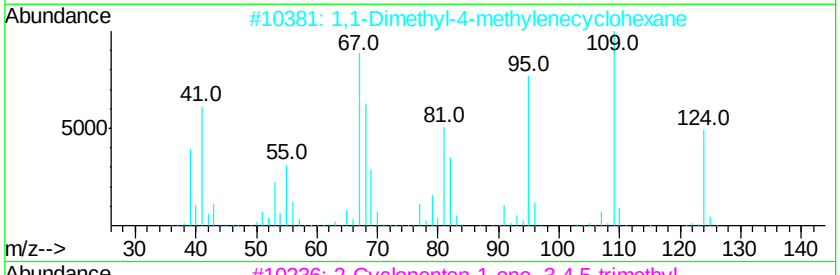


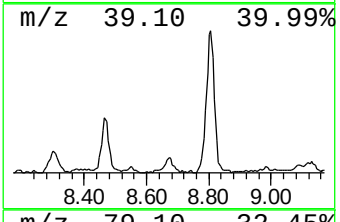


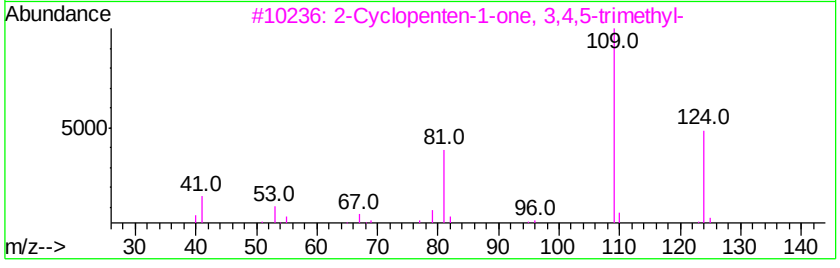


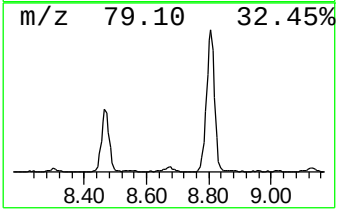












Library Search Compound Report

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Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

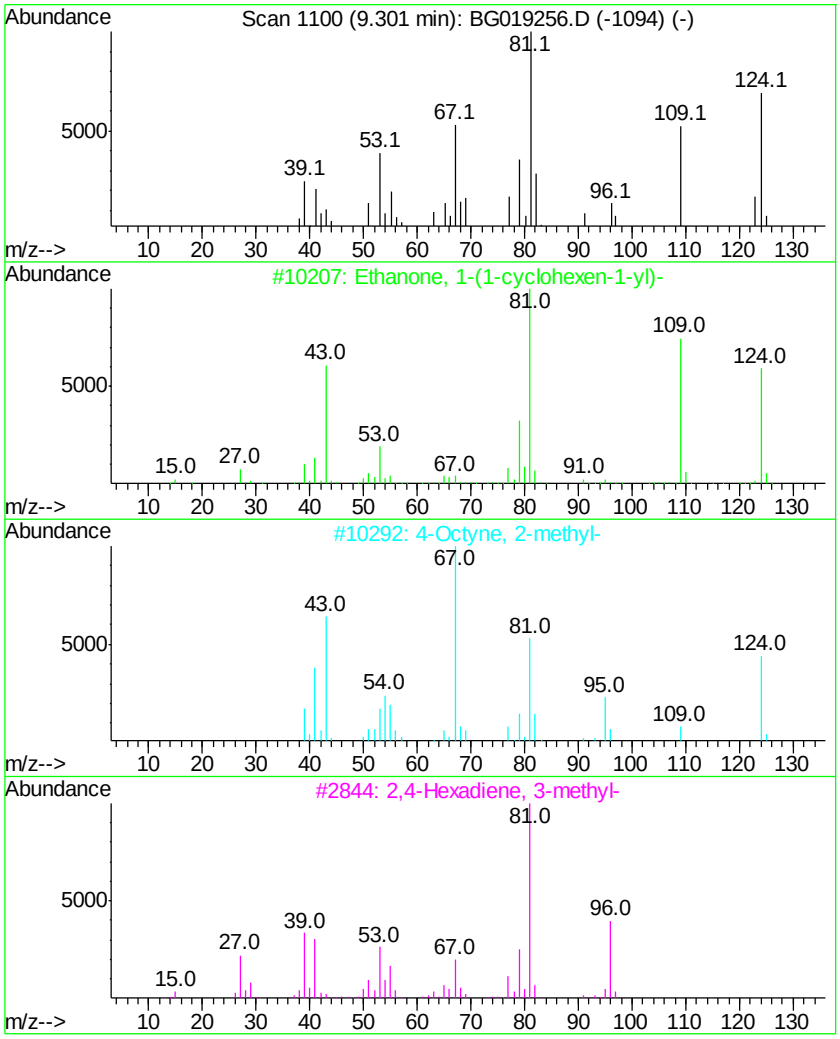
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

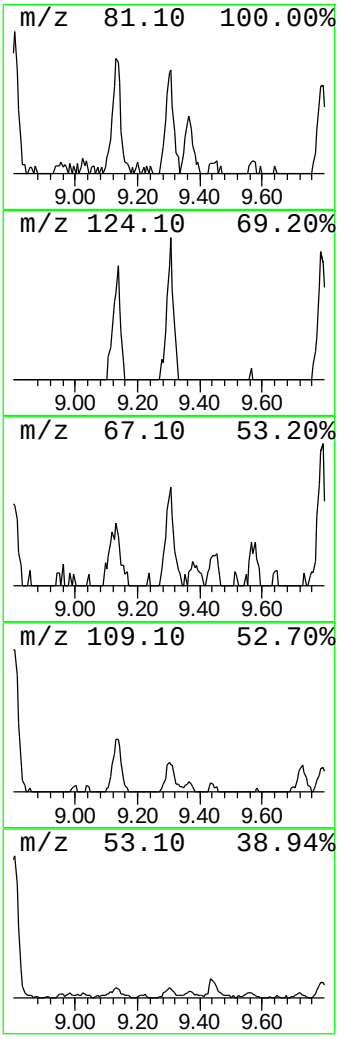
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	5.60 ng/ul	26907	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	83
2	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	72
3	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	53
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	52
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	52





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

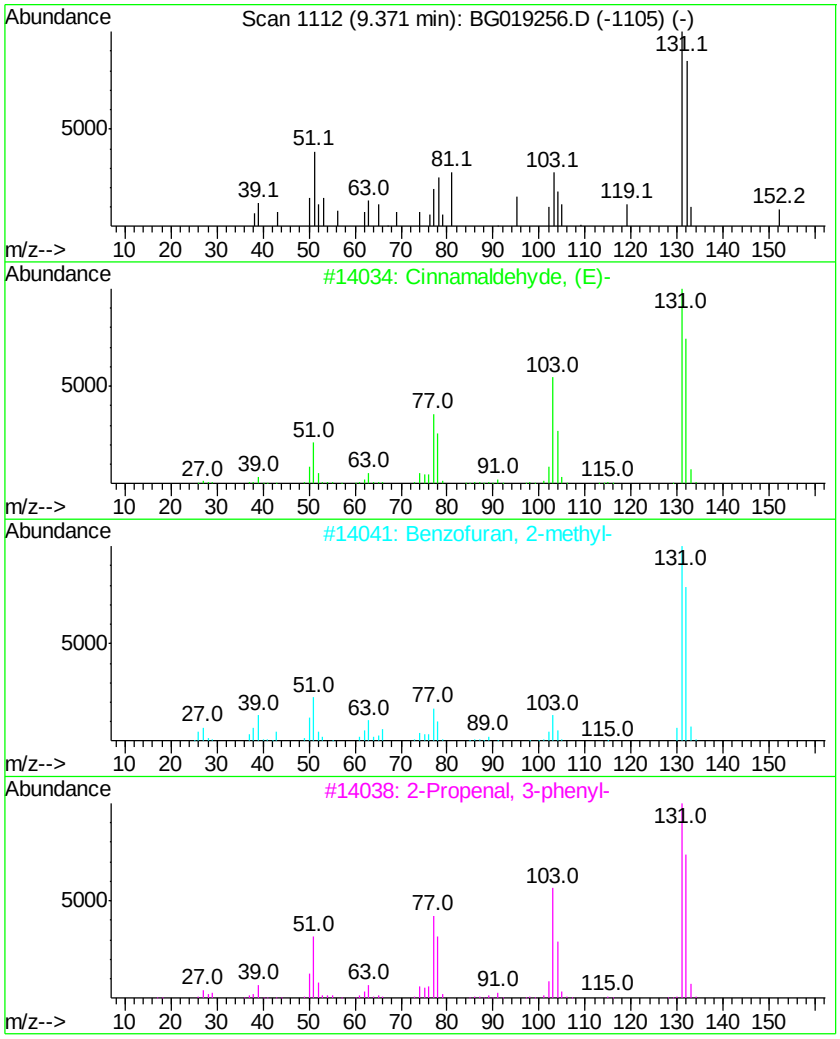
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

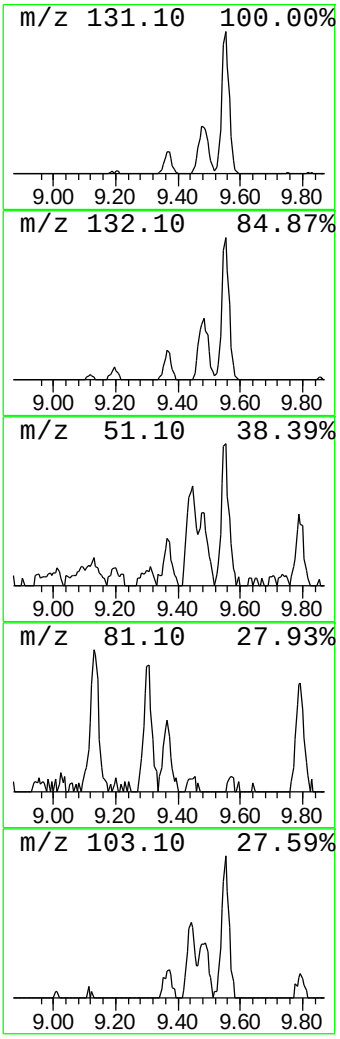
****

Peak Number 13 Cinnamaldehyde, (E)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	6.16 ng/ul	29598	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	80
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	74
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	72
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72





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Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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Quant Title : SVOA CALIBRATION

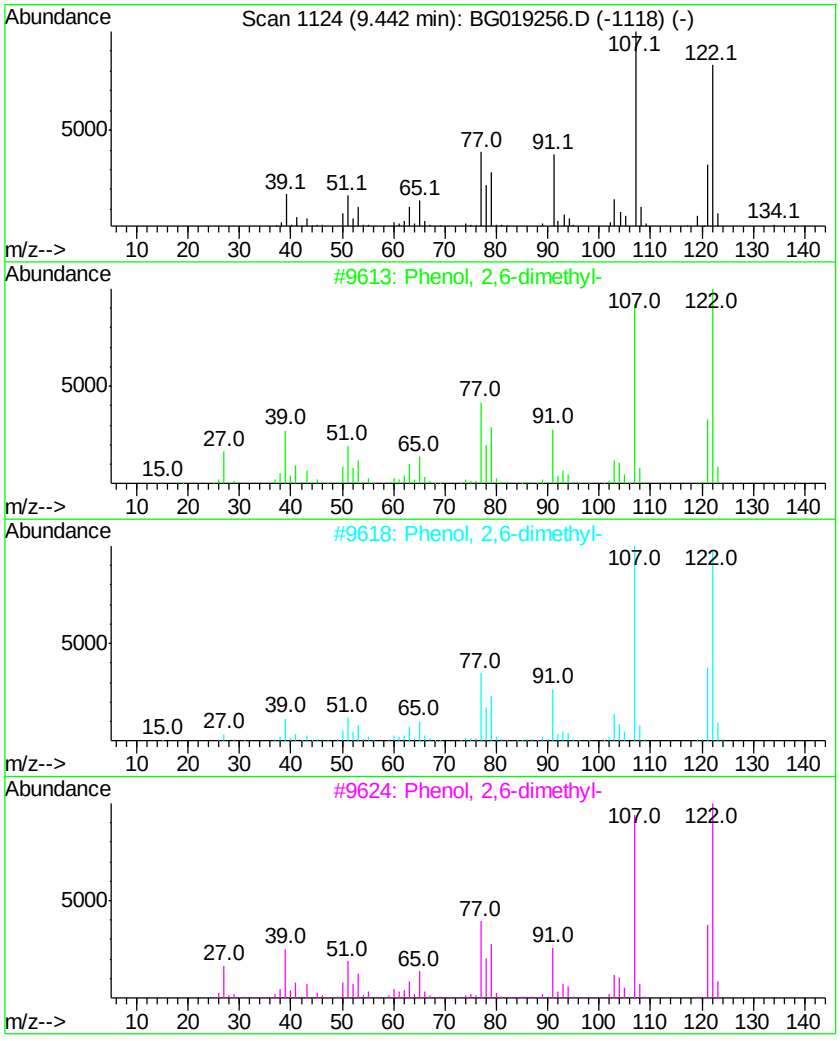
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

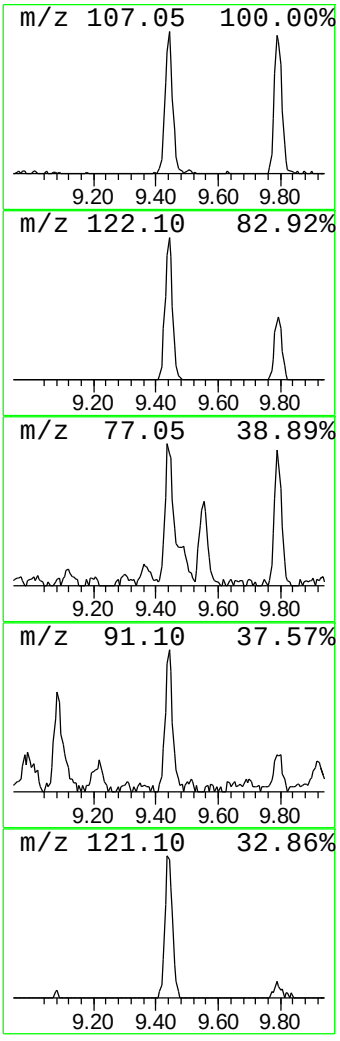
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	16.26 ng/ul	122649	Naphthalene-d8	10.82

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	96
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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Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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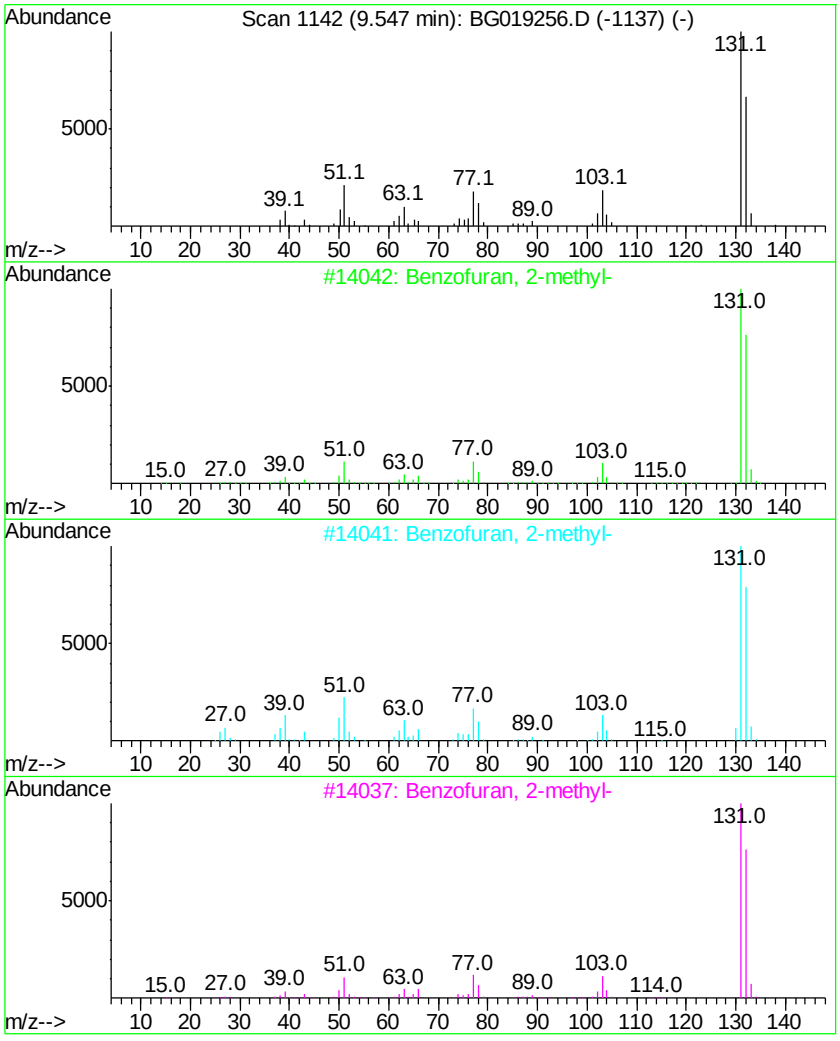
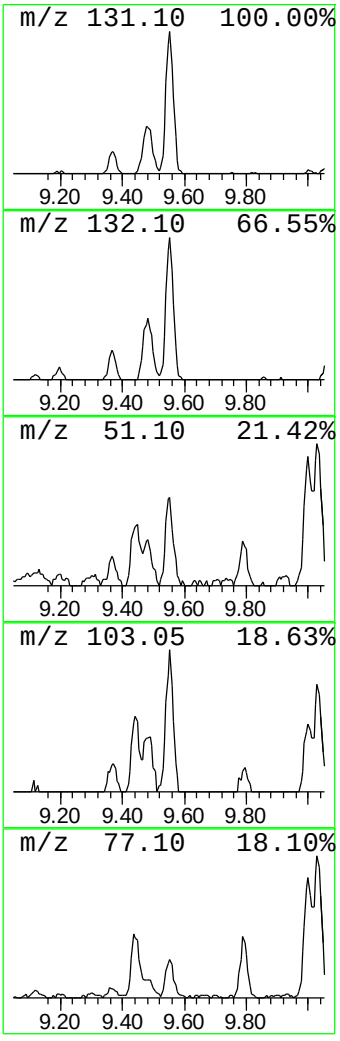
Peak Number 15 Benzofuran, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	13.68 ng/ul	103171	Naphthalene-d8	10.82

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	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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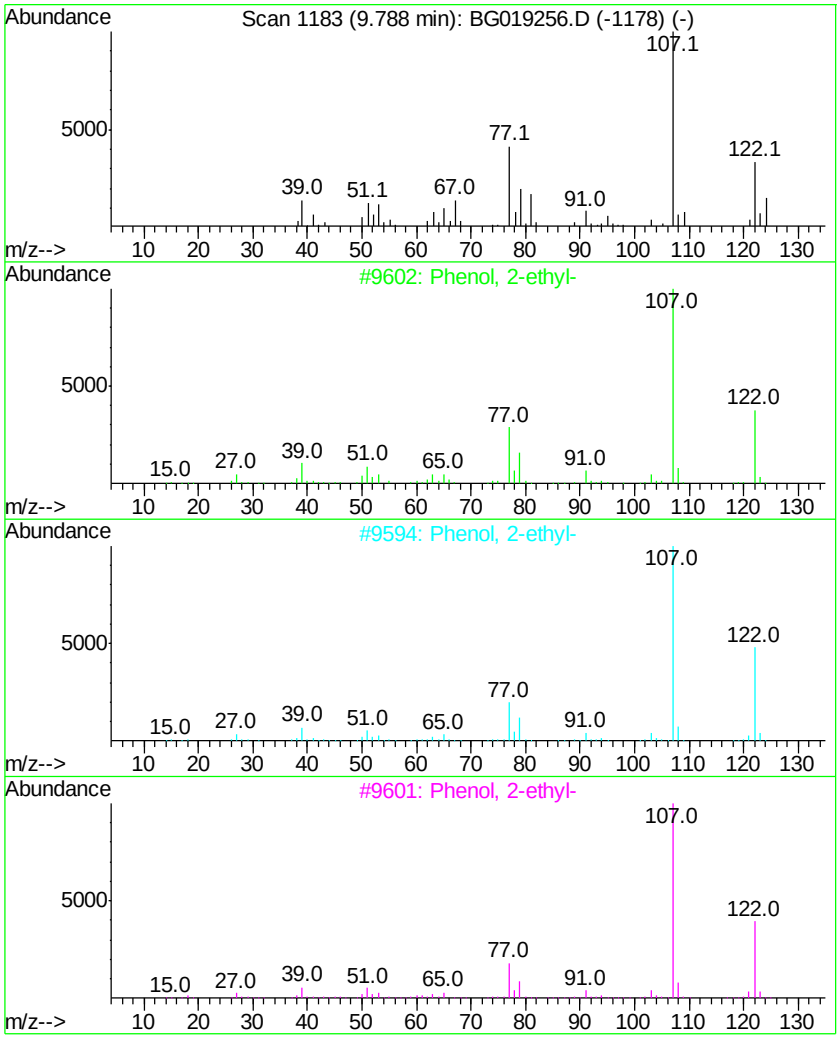
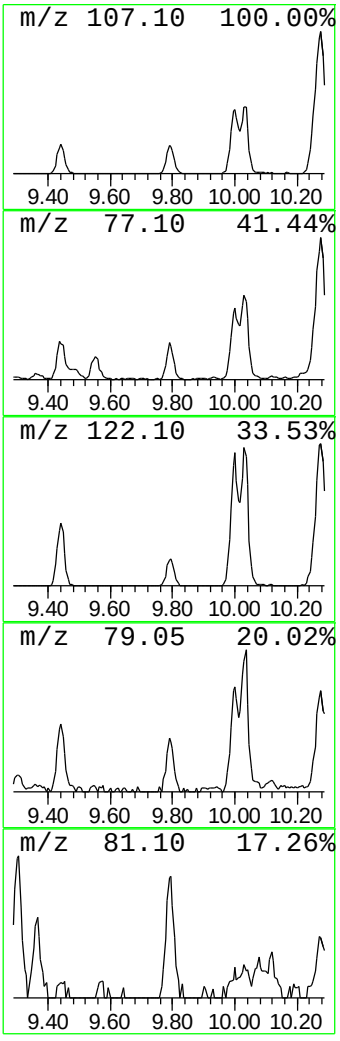
Peak Number 16 Phenol, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	11.49 ng/ul	86685	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	86





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Data File : BG019256.D
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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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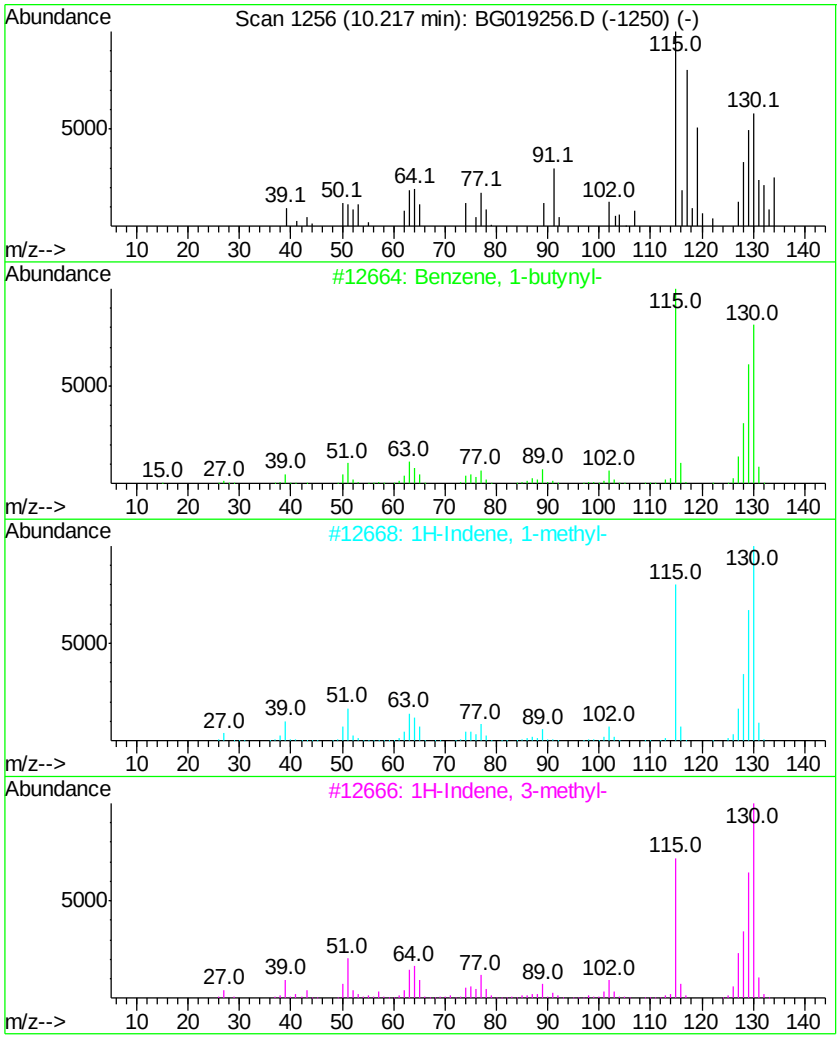
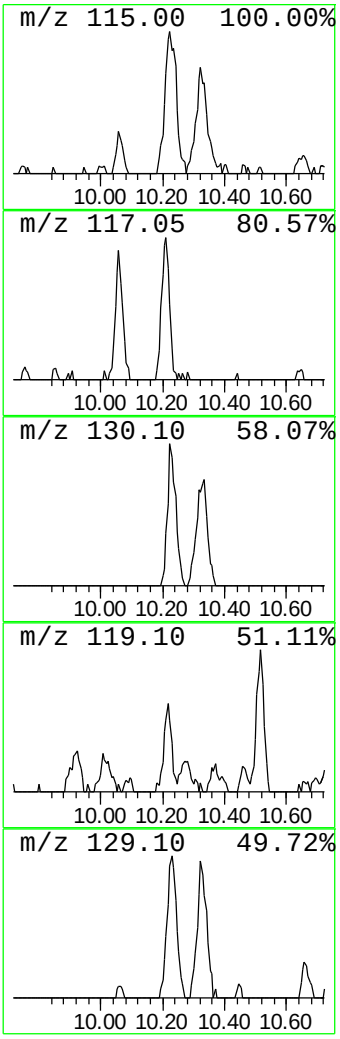
Peak Number 17 Benzene, 1-butynyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.34 ng/ul	47857	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	70
4	Benzene, (methylenecyclopropyl)-	130	C10H10	029817-09-2	60
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	60





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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

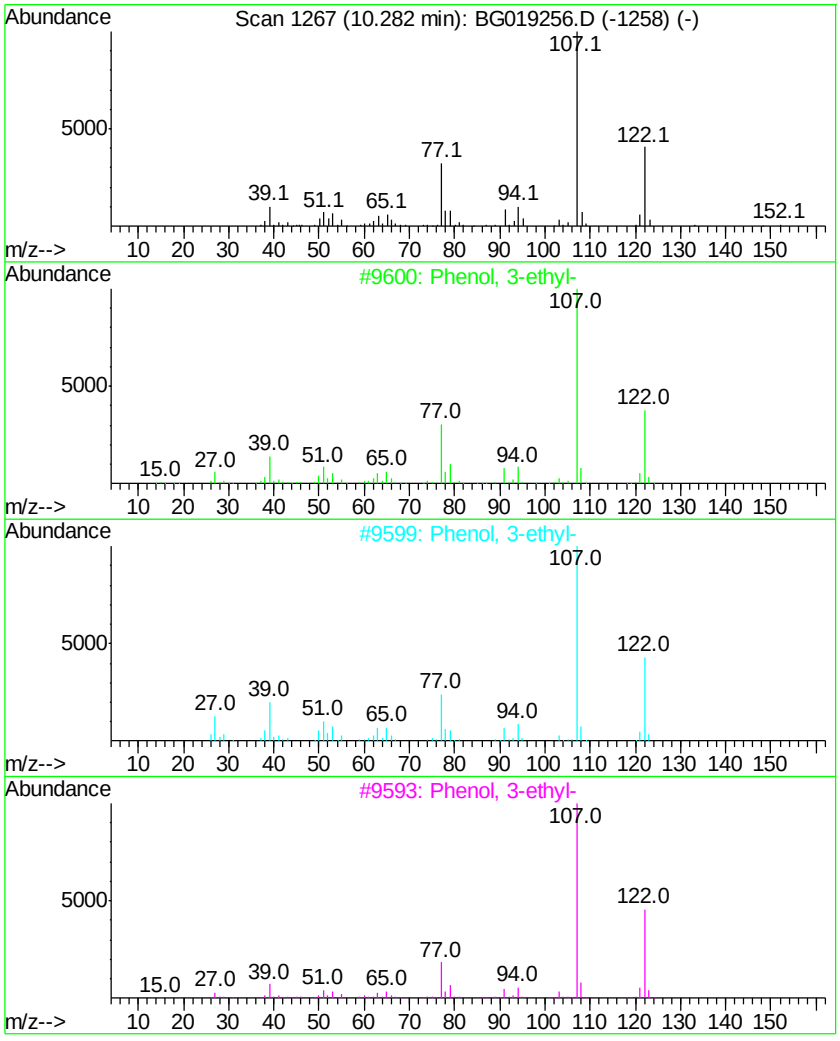
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

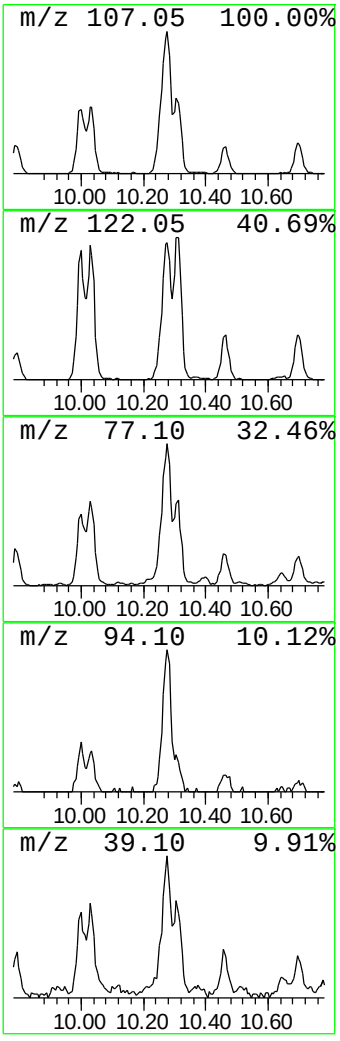
****

Peak Number 18 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	54.11 ng/ul	408194	Naphthalene-d8	10.82

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	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

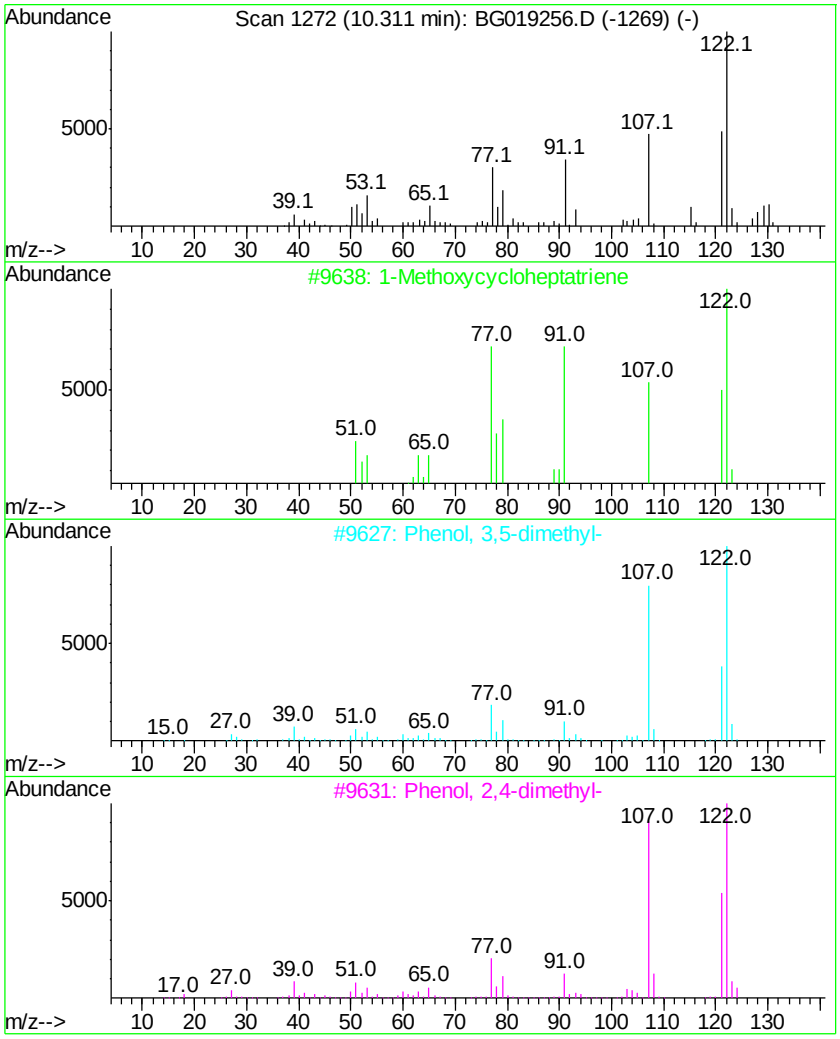
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

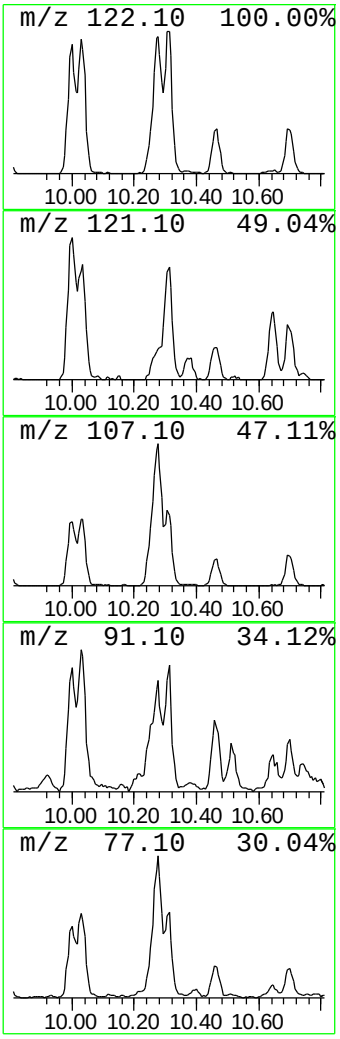
****

Peak Number 19 1-Methoxycycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	29.61 ng/ul	223315	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxycycloheptatriene	122	C8H10O	027324-85-2	81
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	74
4	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	74
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	74





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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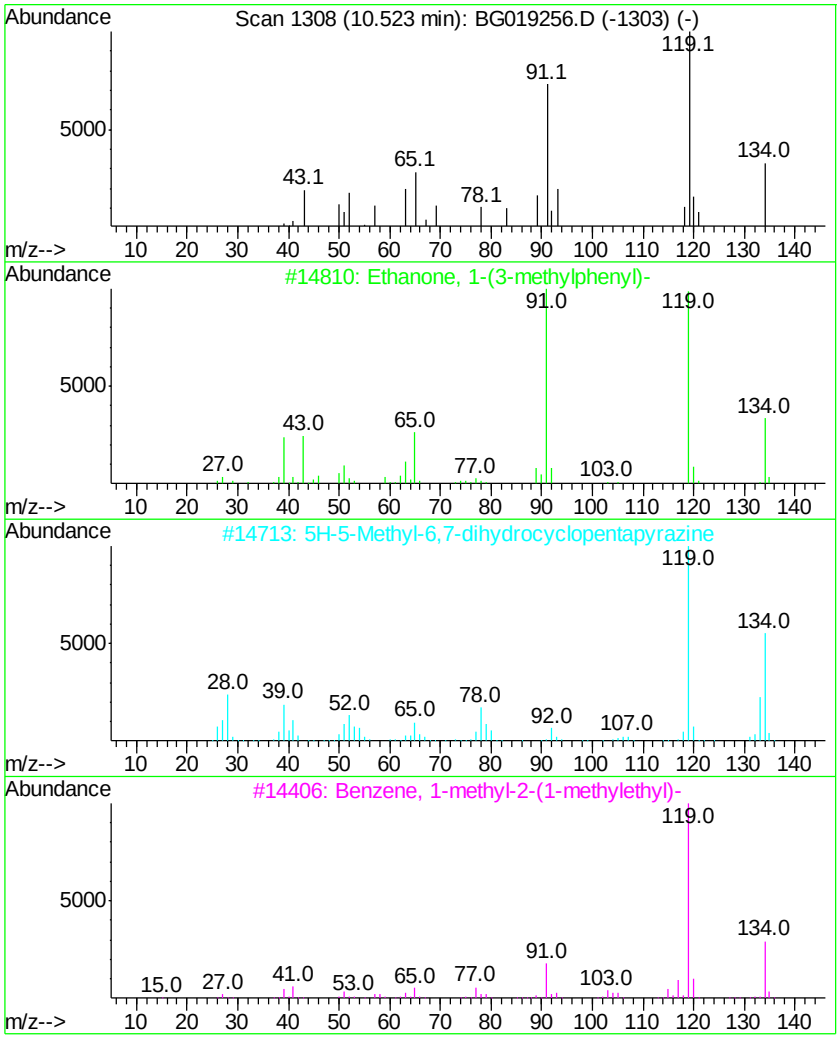
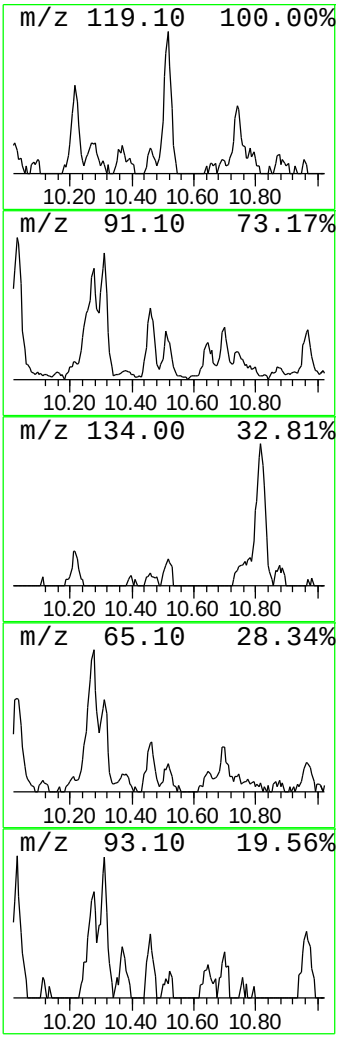
Peak Number 20 Ethanone, 1-(3-methylphenyl)- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.06 ng/ul	23110	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	72
2	5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	72
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	59
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53





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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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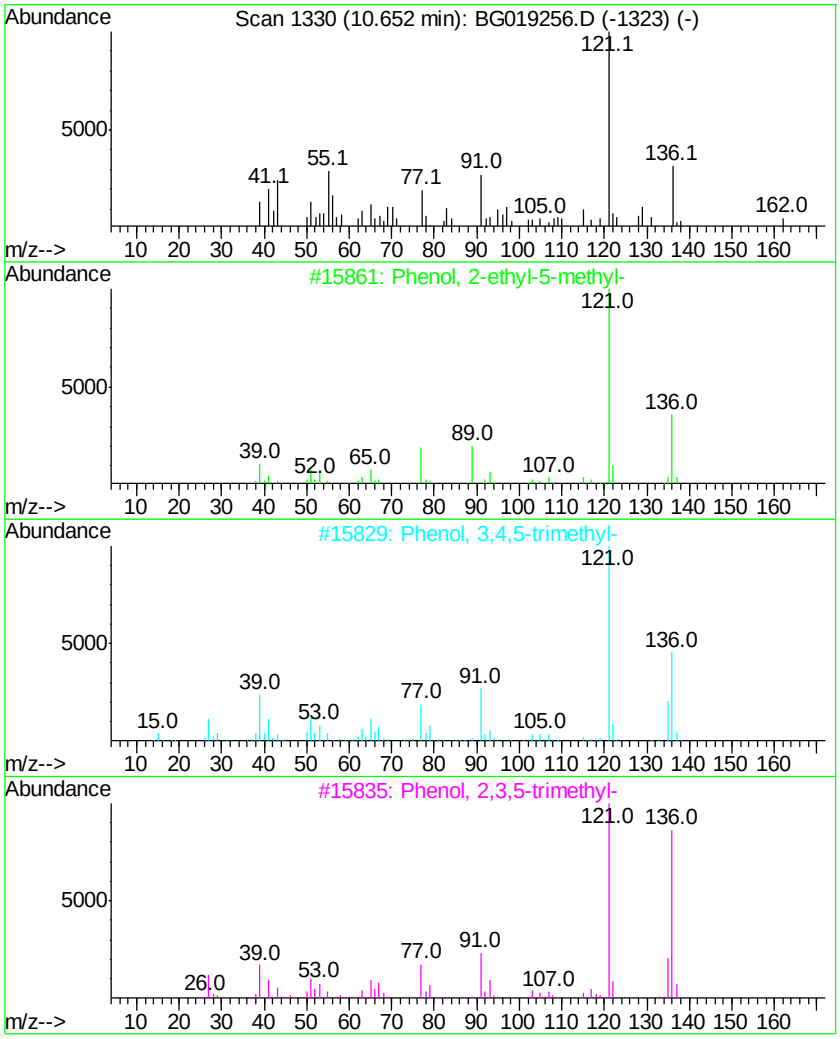
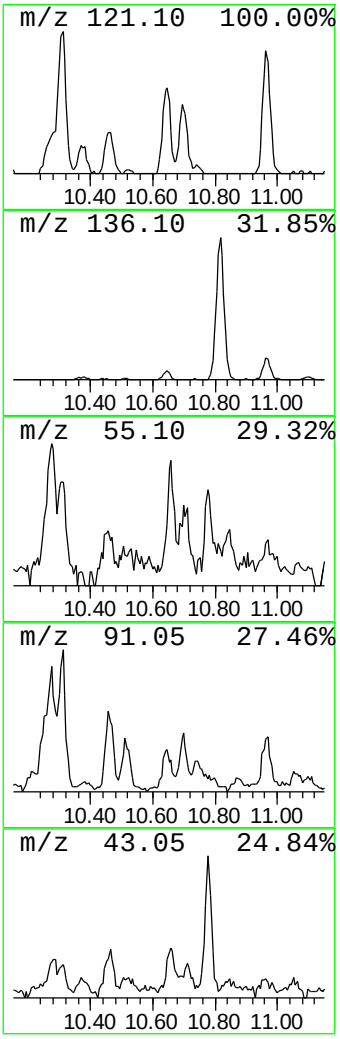
Peak Number 21 Phenol, 2-ethyl-5-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	8.57 ng/ul	64627	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	70
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	70
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	62
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	58
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	53





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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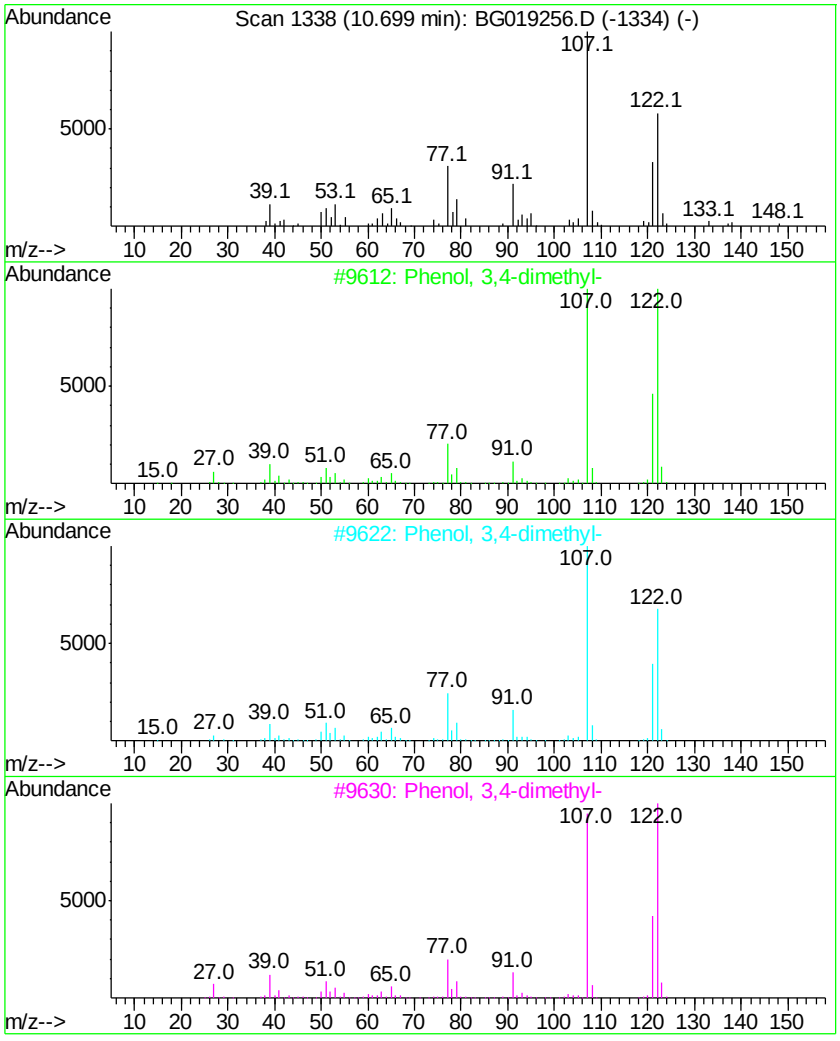
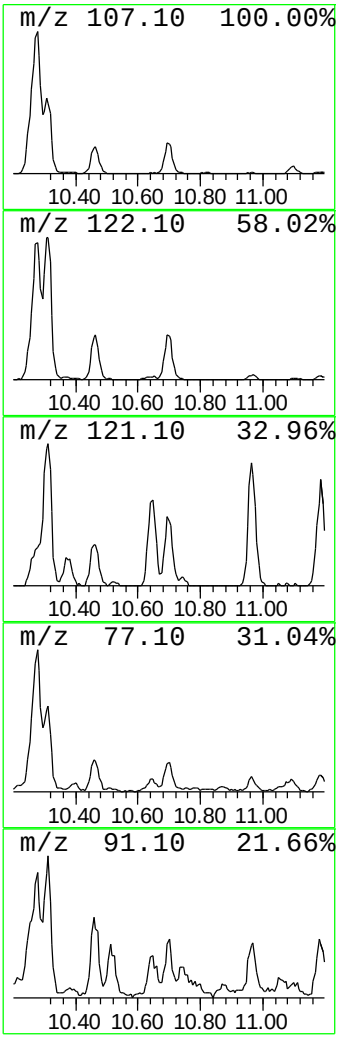
Peak Number 22 Phenol, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	15.01 ng/ul	113213	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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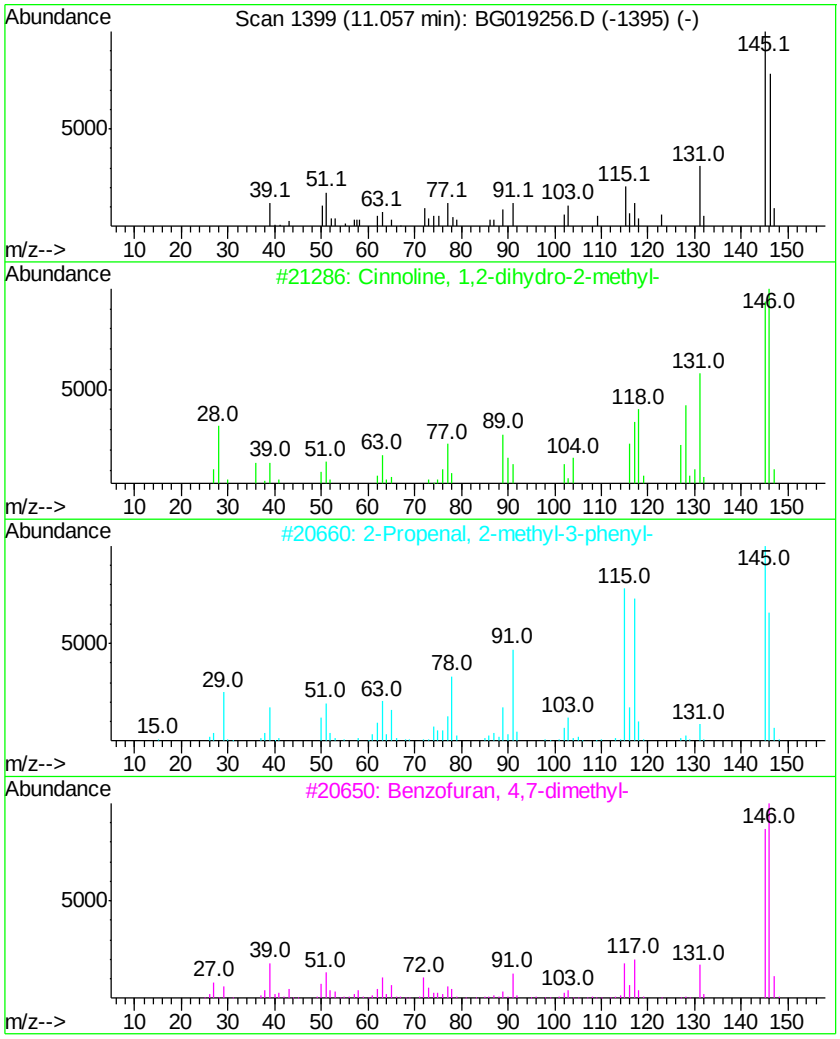
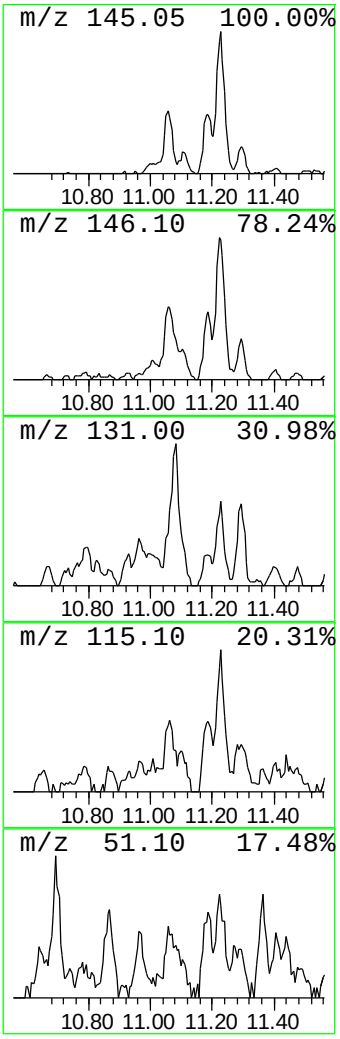
Peak Number 23 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	5.79 ng/ul	43685	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	64
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	53
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	52
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	52





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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Quant Title : SVOA CALIBRATION

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

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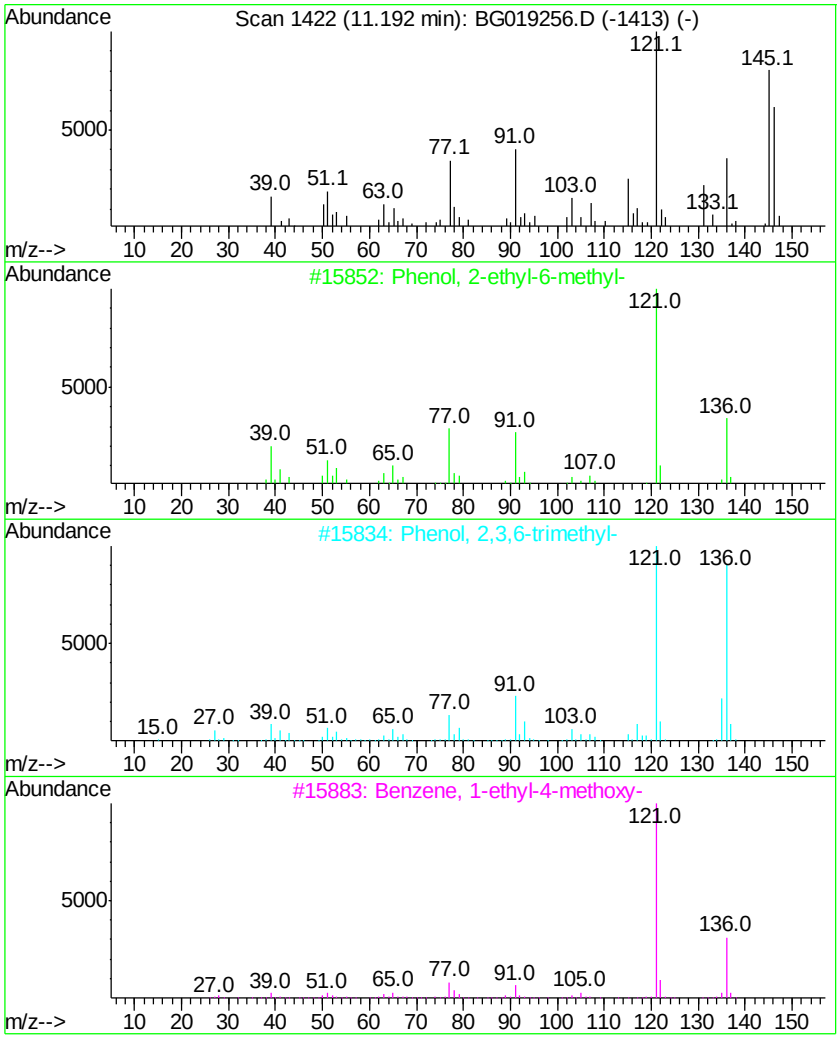
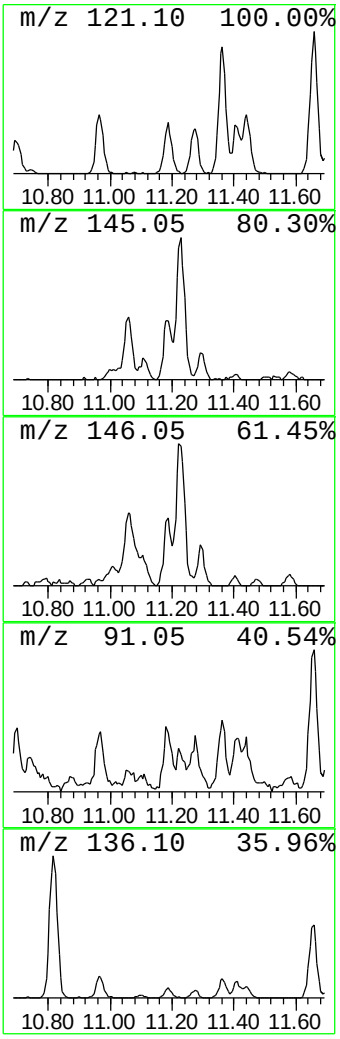
Peak Number 24 Phenol, 2-ethyl-6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	11.79 ng/ul	88909	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	50
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	49
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	46
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	45
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	45





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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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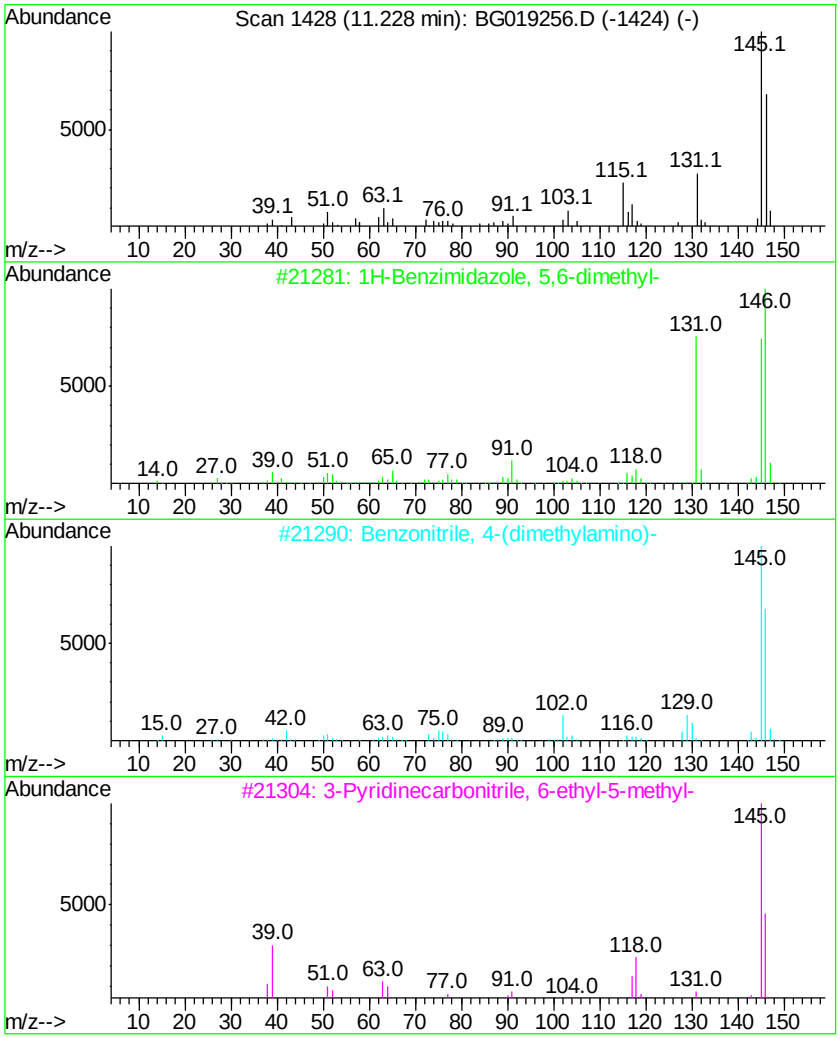
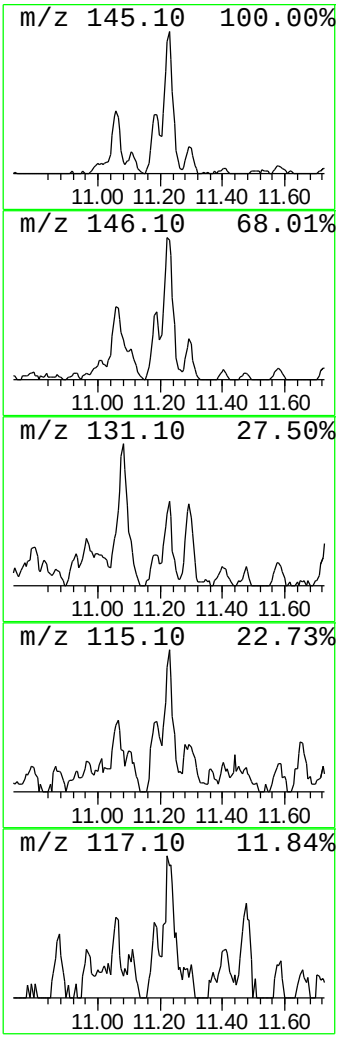
Peak Number 25 1H-Benzimidazole, 5,6-dimet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	11.32 ng/ul	85425	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	3-Pyridinecarbonitrile, 6-ethyl-...	146	C9H10N2	110253-41-3	53
4	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	52
5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
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Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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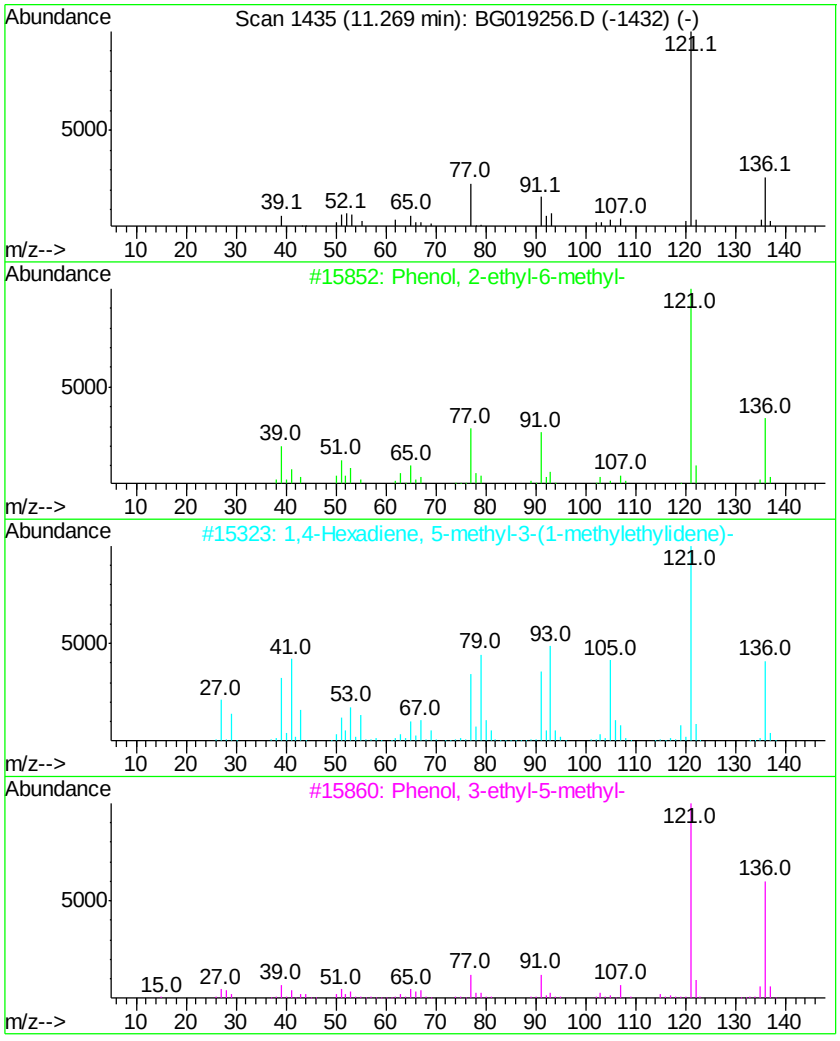
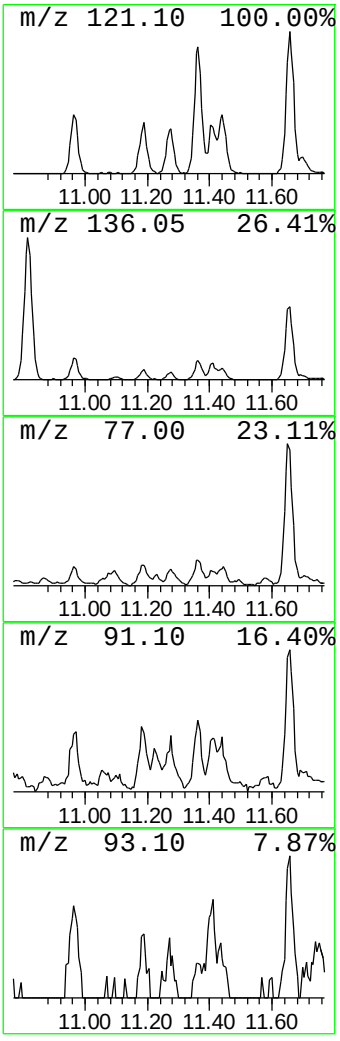
Peak Number 26 1,4-Hexadiene, 5-methyl-3-(... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.17 ng/ul	54089	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	1,4-Hexadiene, 5-methyl-3-(1-met...	136	C10H16	113687-24-4	80
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72





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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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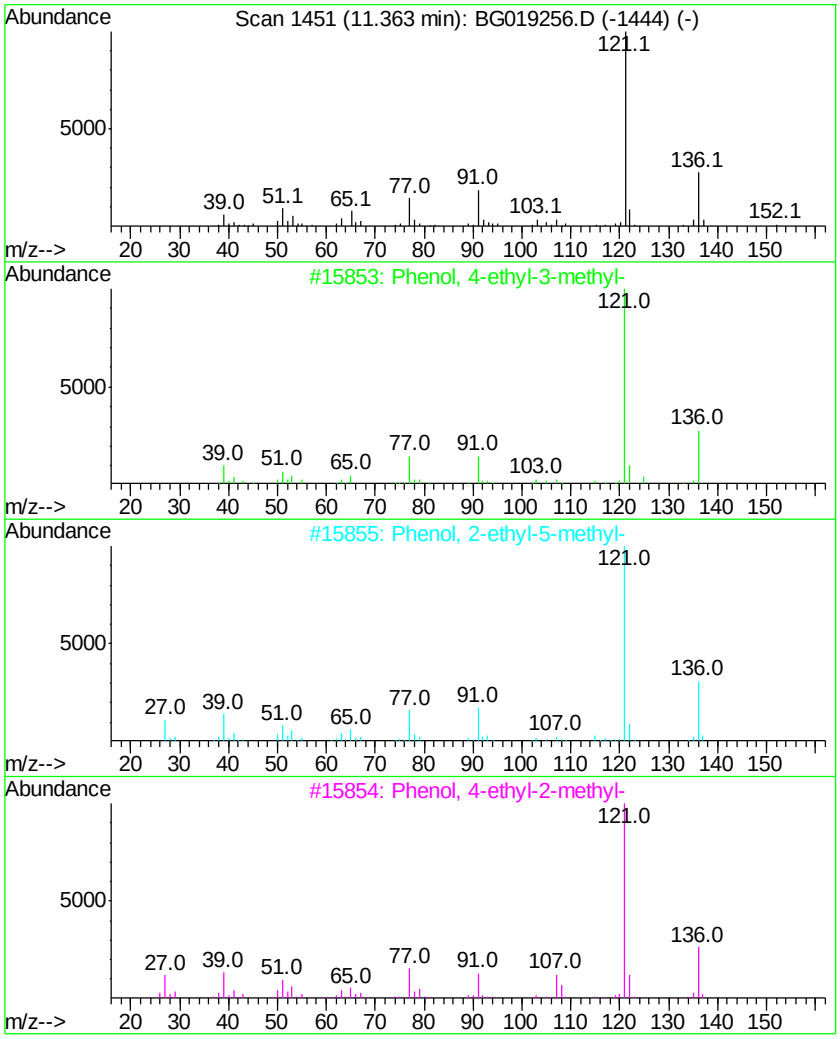
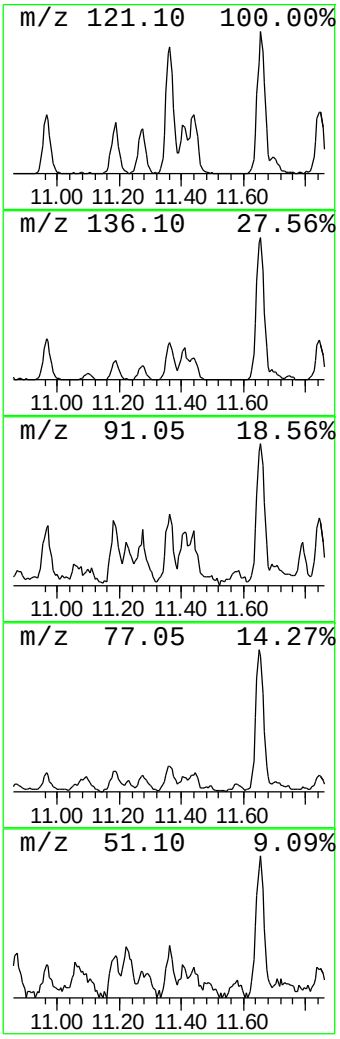
Peak Number 27 Phenol, 4-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	10.38 ng/ul	78290	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	95
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
3	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	90
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	87
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87





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Acq On : 20 Oct 2015 1:28
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Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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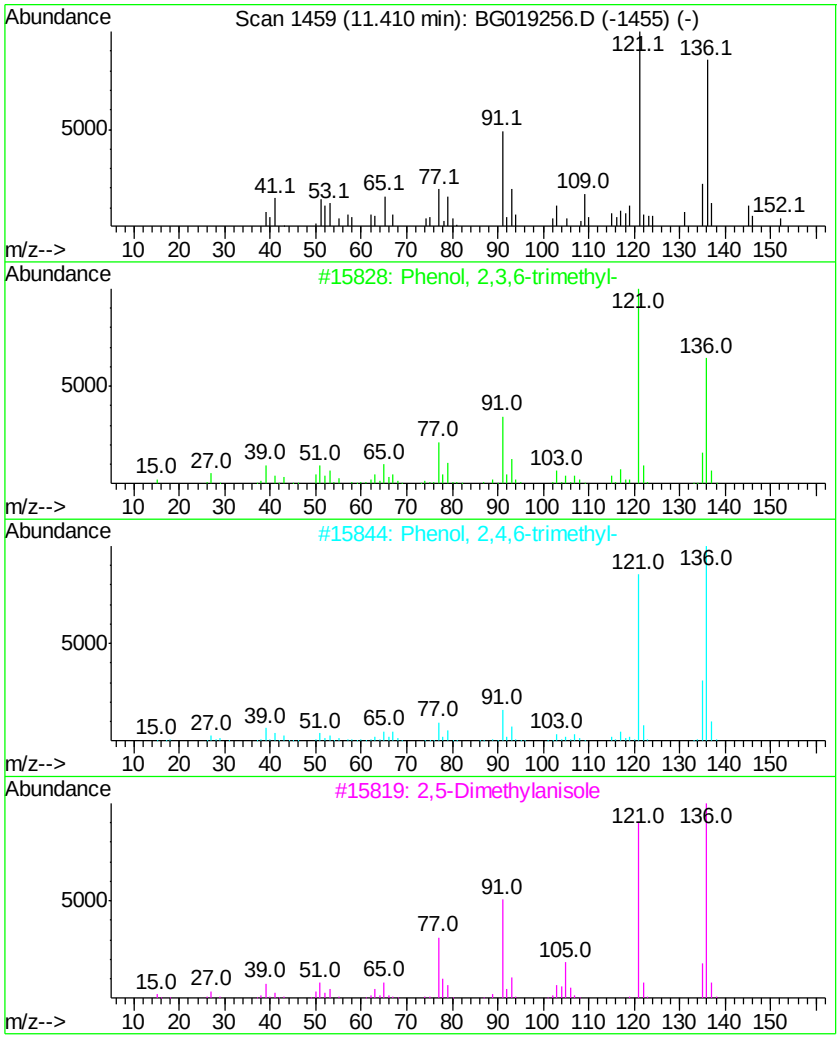
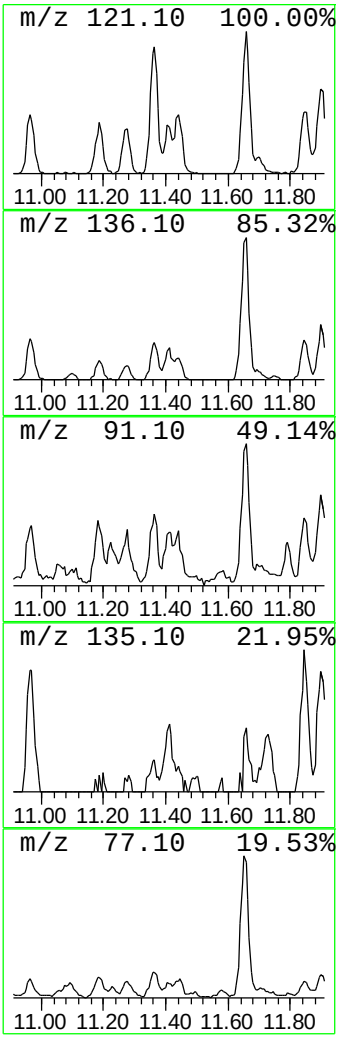
Peak Number 28 Phenol, 2,3,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	6.35 ng/ul	47929	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	80
3	2,5-Dimethylanisole	136	C9H12O	001706-11-2	80
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	76
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76





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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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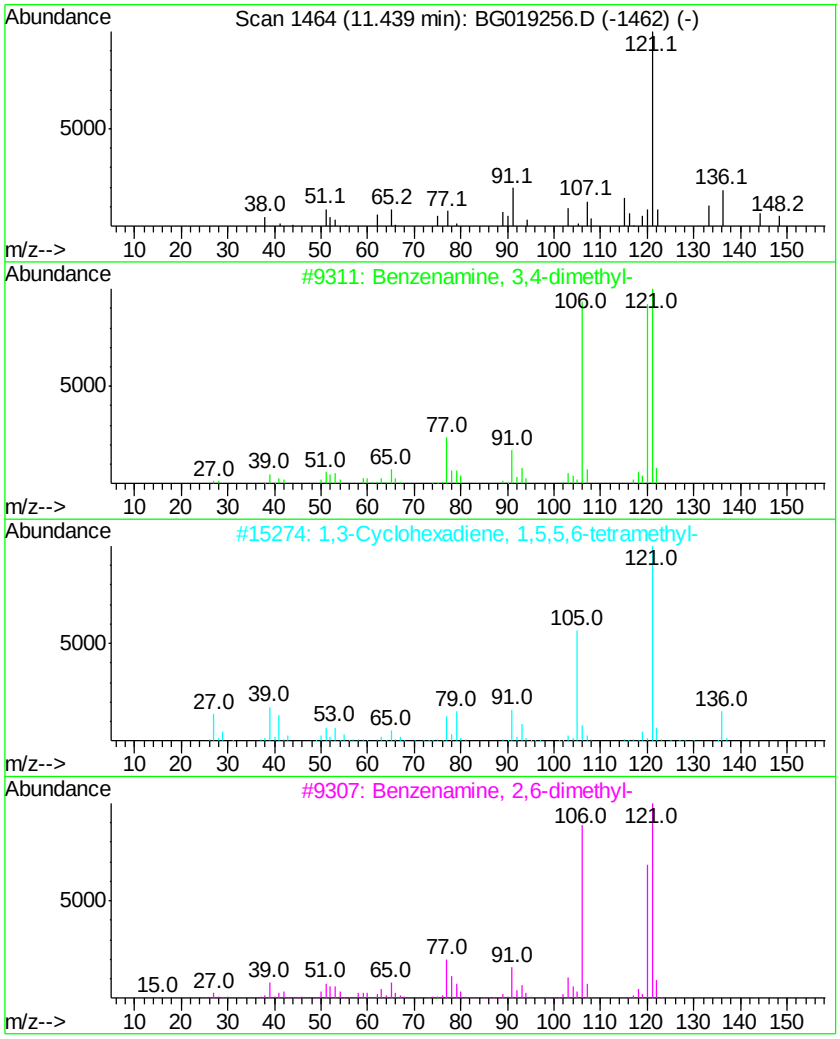
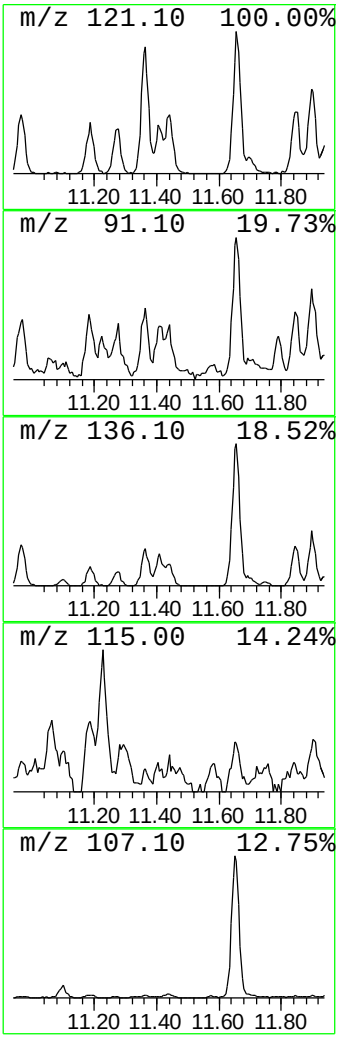
Peak Number 29 Benzenamine, 3,4-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.68 ng/ul	27738	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	59
2	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	59
3	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	59
4	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	59
5	N-Ethyl-4-pyridinemethylamine	136	C8H12N2	033403-97-3	59





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Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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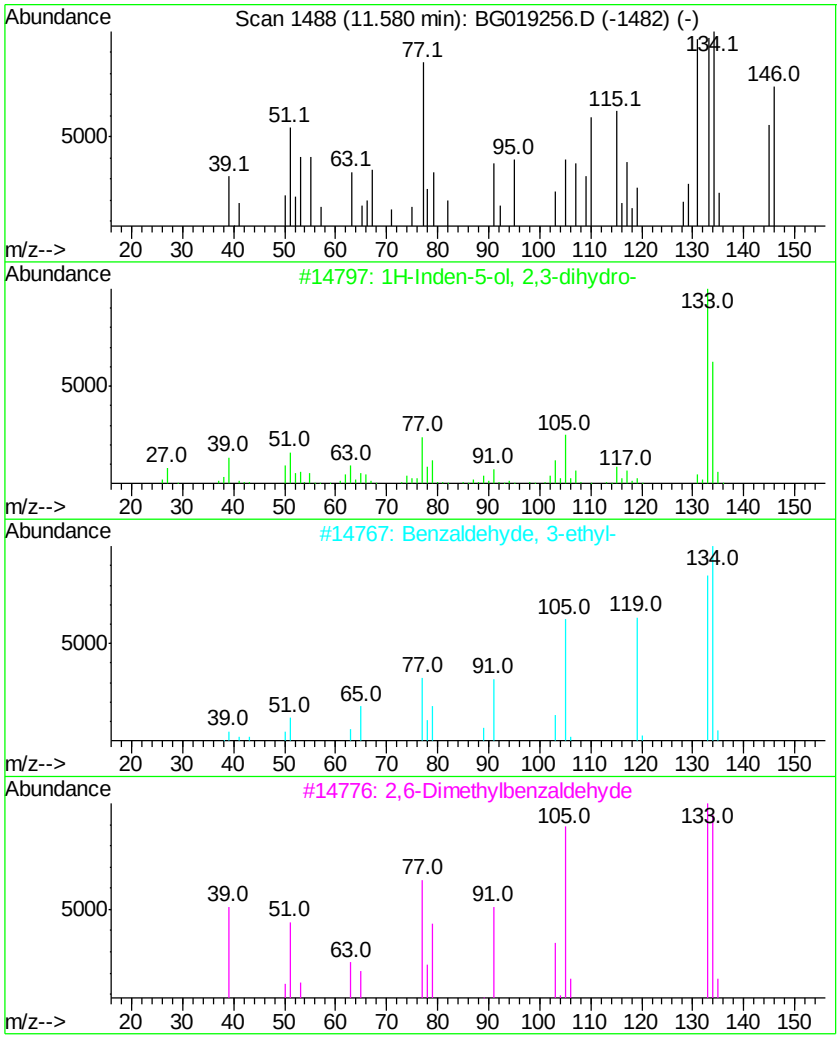
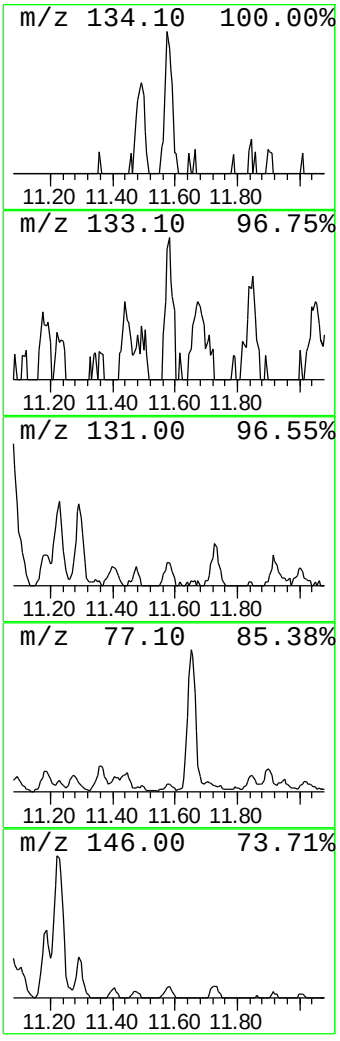
Peak Number 31 unknown-01 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.35 ng/ul	25295	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	22
2	Benzaldehyde, 3-ethyl-	134	C9H10O	034246-54-3	20
3	2,6-Dimethylbenzaldehyde	134	C9H10O	001123-56-4	15
4	s-Triazolo[1,5-a]pyridine, 8-amino-	134	C6H6N4	031052-95-6	14
5	Isophthalaldehyde	134	C8H6O2	000626-19-7	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

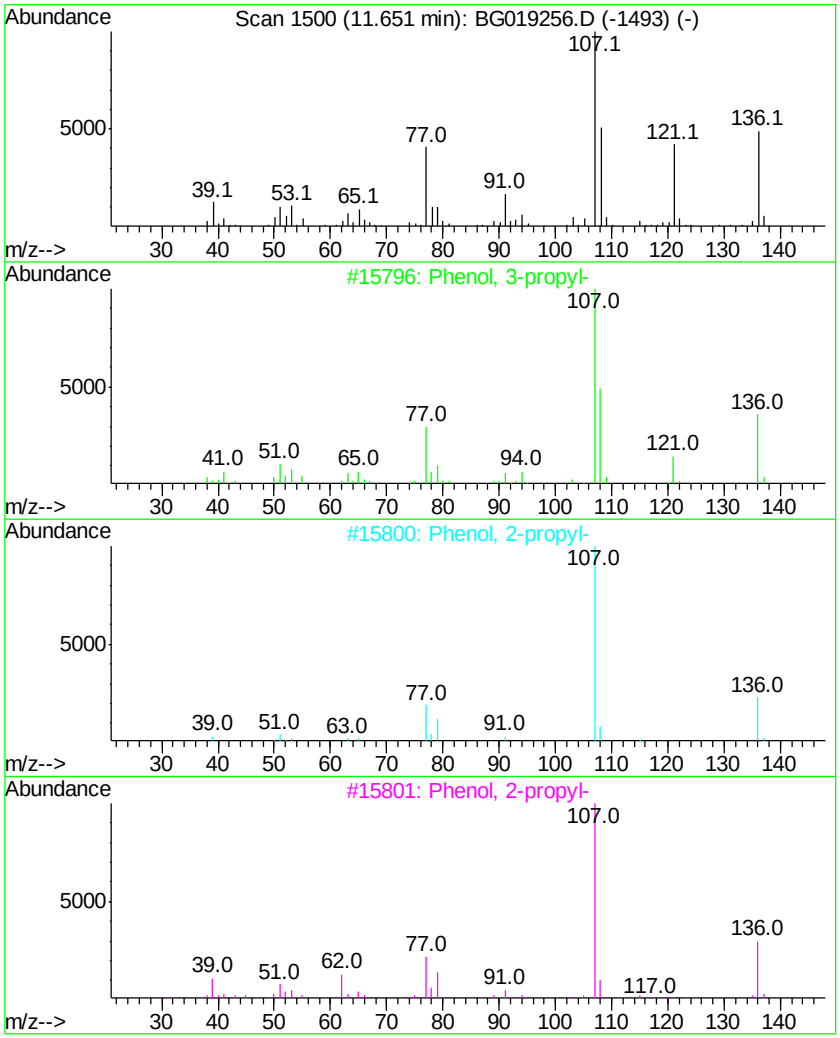
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

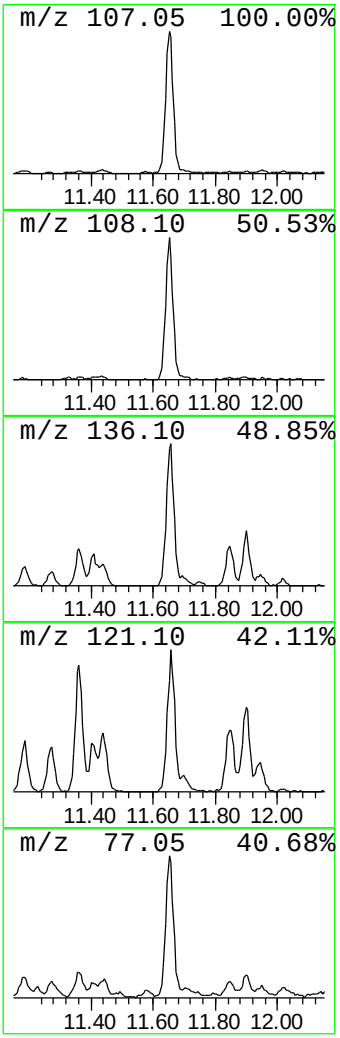
****

Peak Number 32 Phenol, 3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	41.72 ng/ul	314733	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	94
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	49
5	Benzene, 1-ethoxy-4-methyl-	136	C9H12O	000622-60-6	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

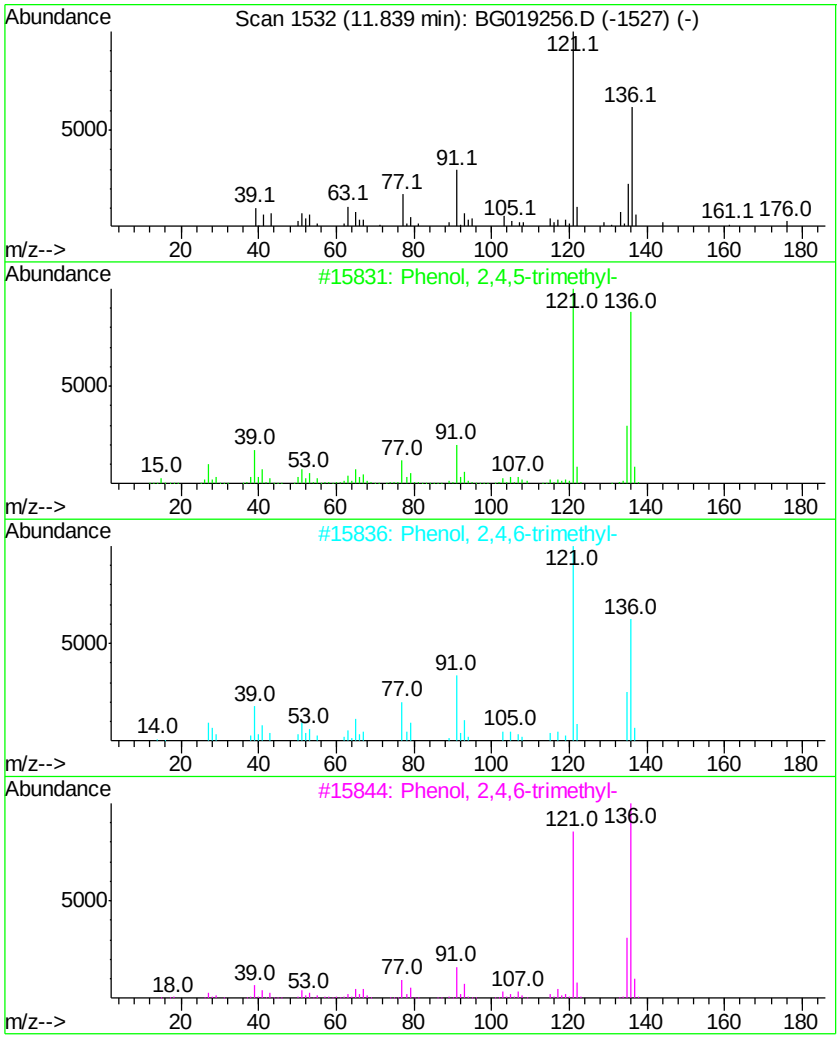
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

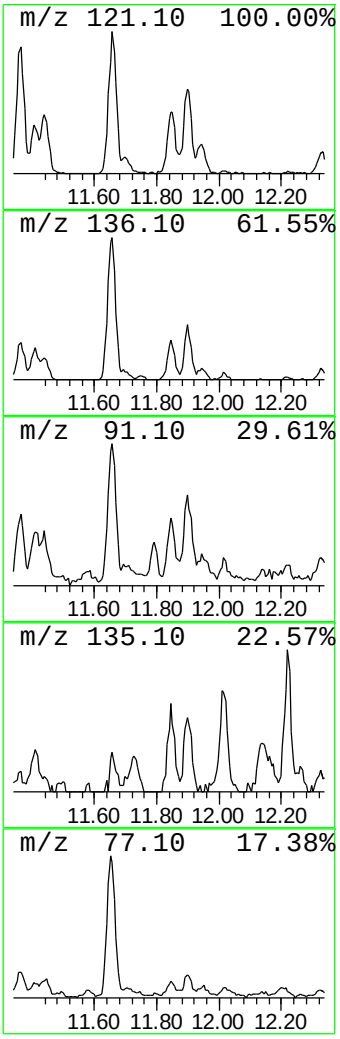
****

Peak Number 33 Phenol, 2,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	9.84 ng/ul	74199	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	87
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
5	Silane, dimethylphenyl-	136	C8H12Si	000766-77-8	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

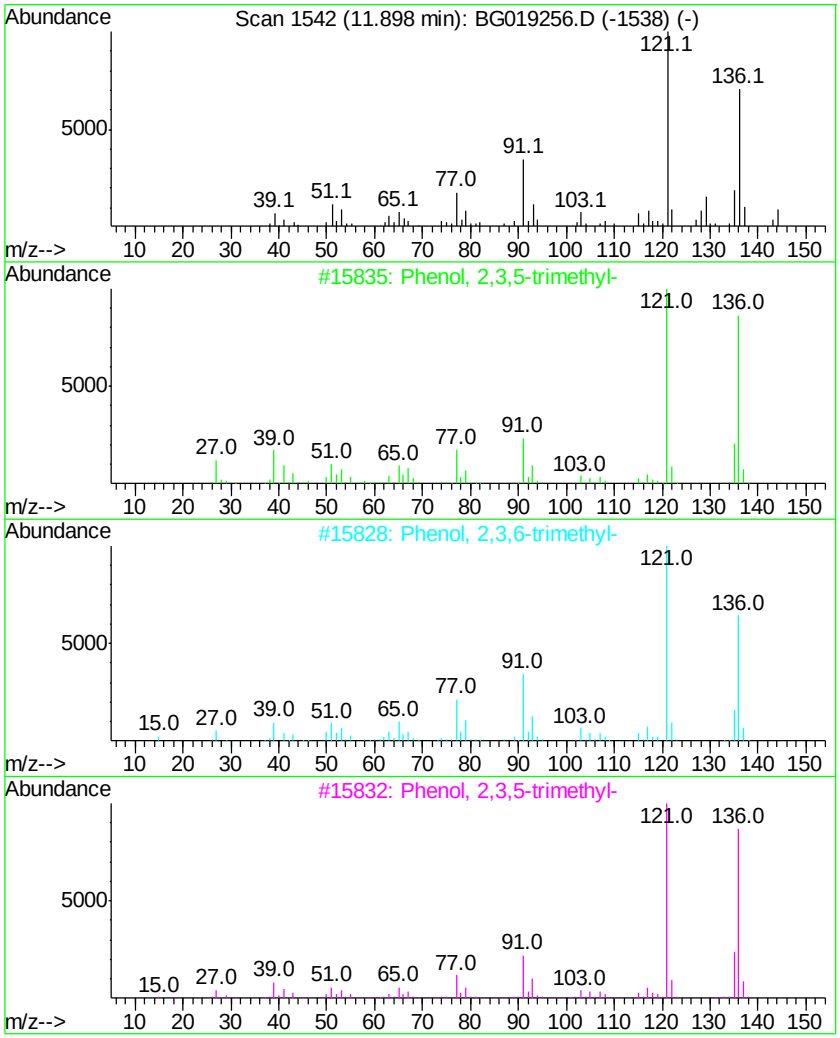
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

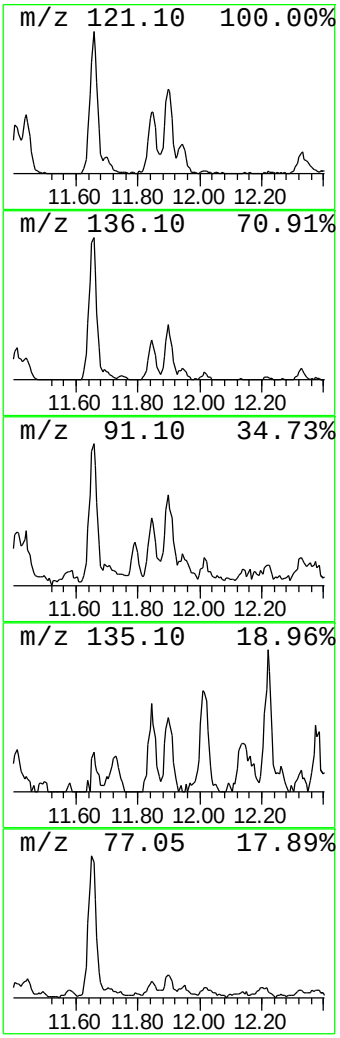
****

Peak Number 34 Phenol, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	12.65 ng/ul	95430	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

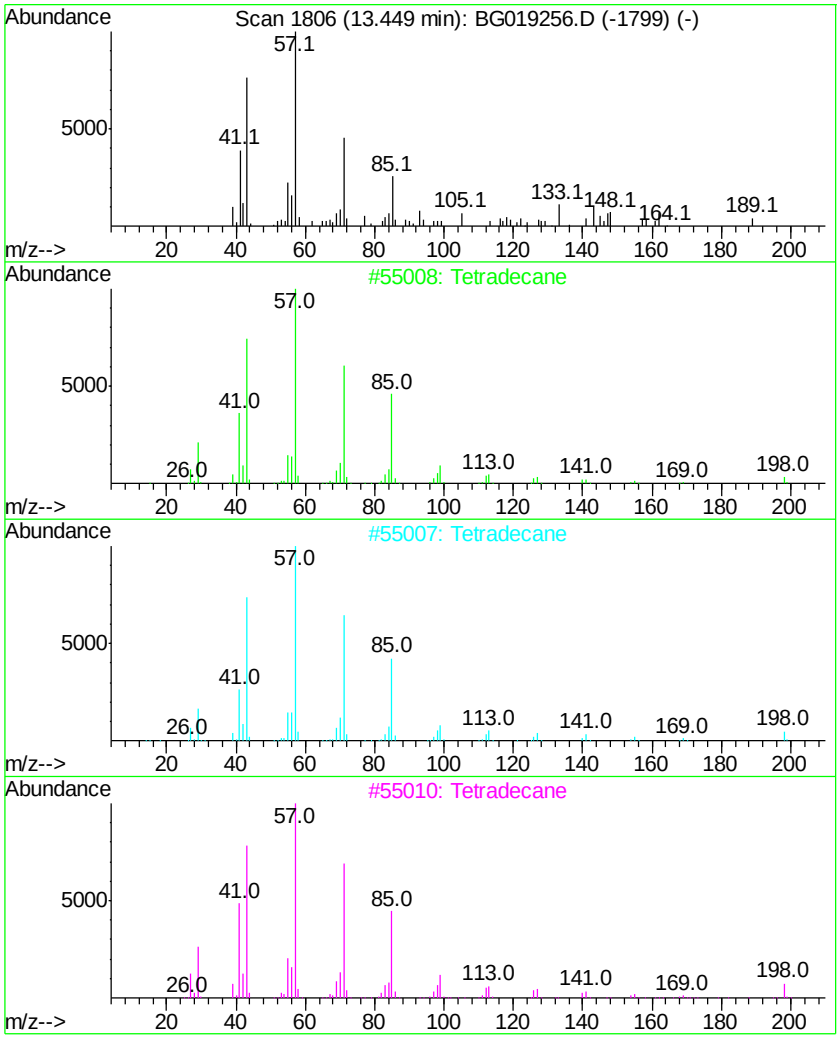
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

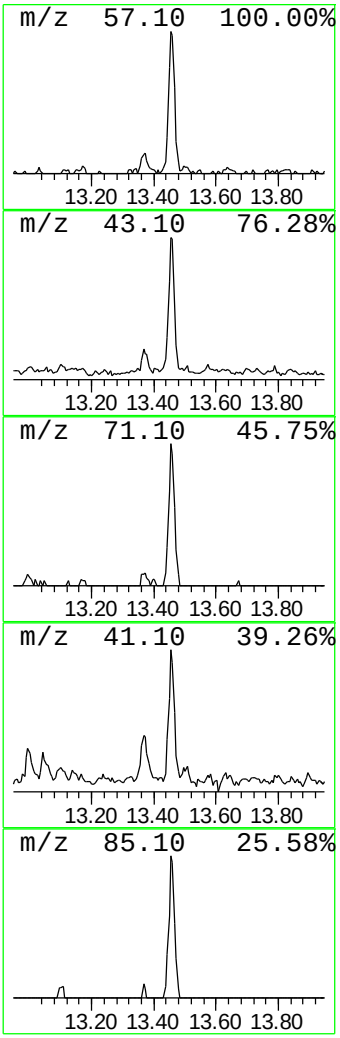
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	6.17 ng/ul	76111	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tetradecane	198	C14H30	000629-59-4	81
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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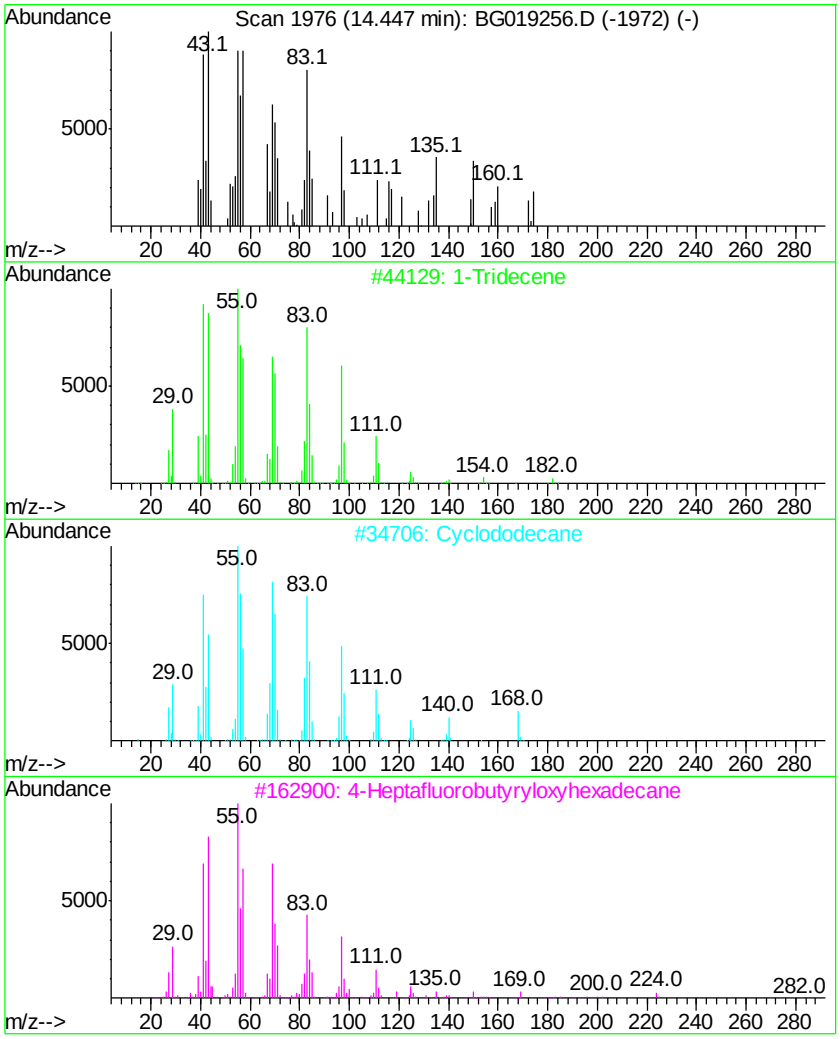
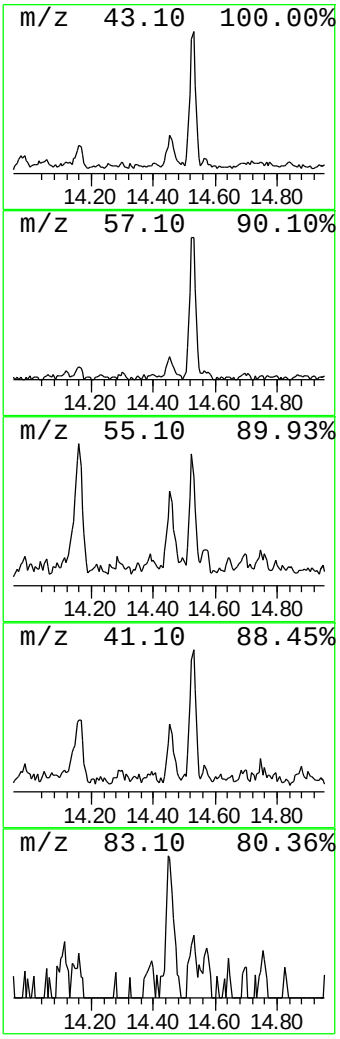
Peak Number 51 (DEL) Alkane: Cyclic14.45 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.24 ng/ul	40057	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	52
2	Cyclododecane	168	C12H24	000294-62-2	52
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	52
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	46
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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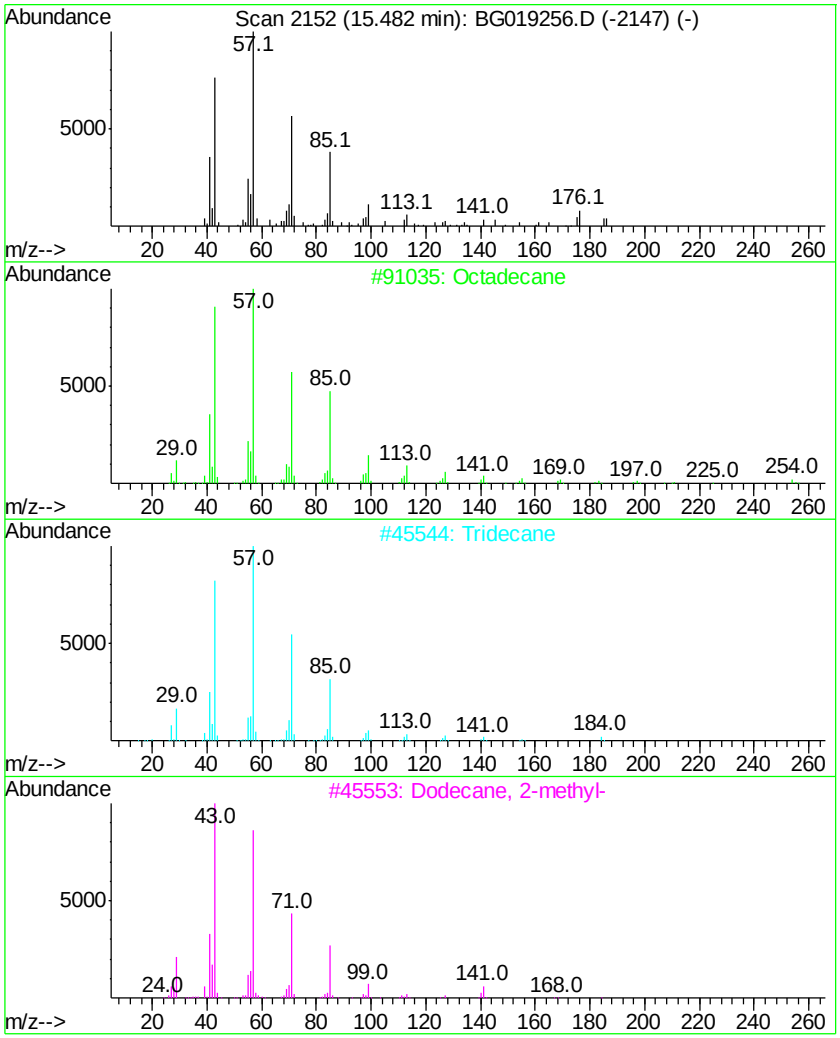
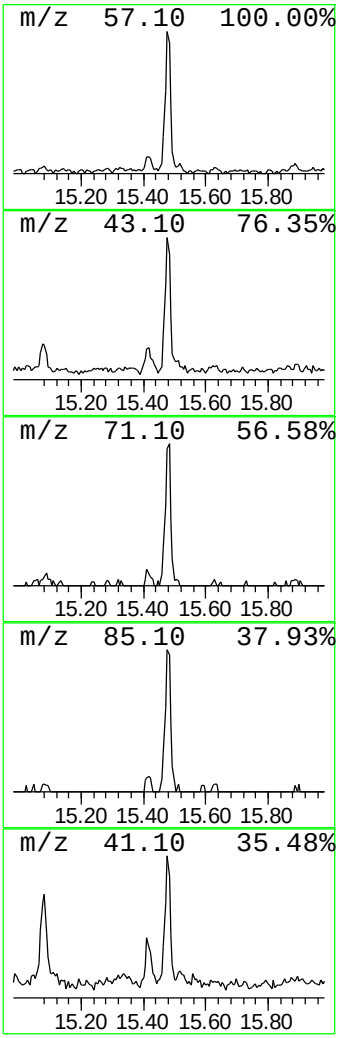
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	4.96 ng/ul	61194	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane	198	C14H30	000629-59-4	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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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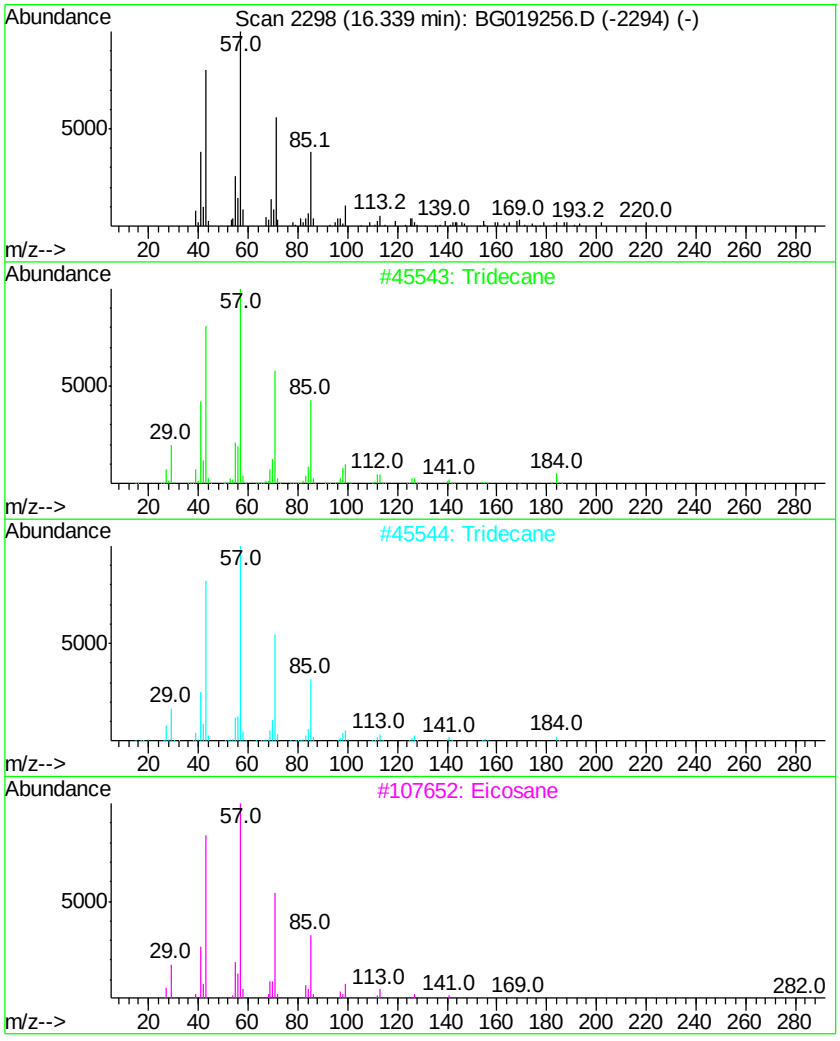
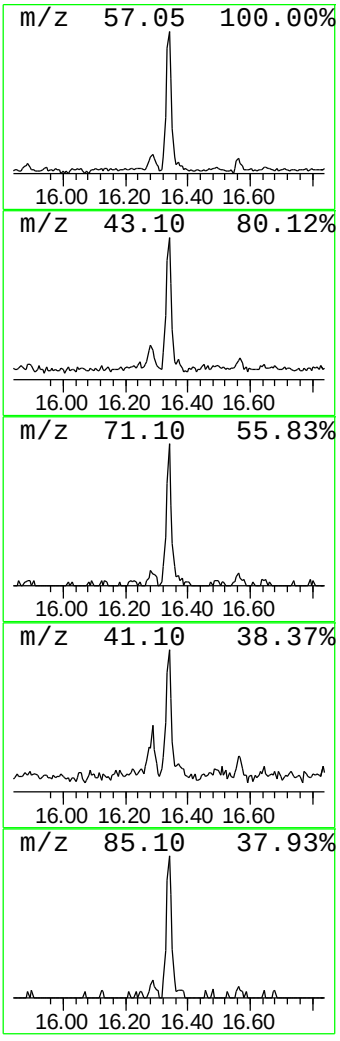
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.91 ng/ul	56614	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

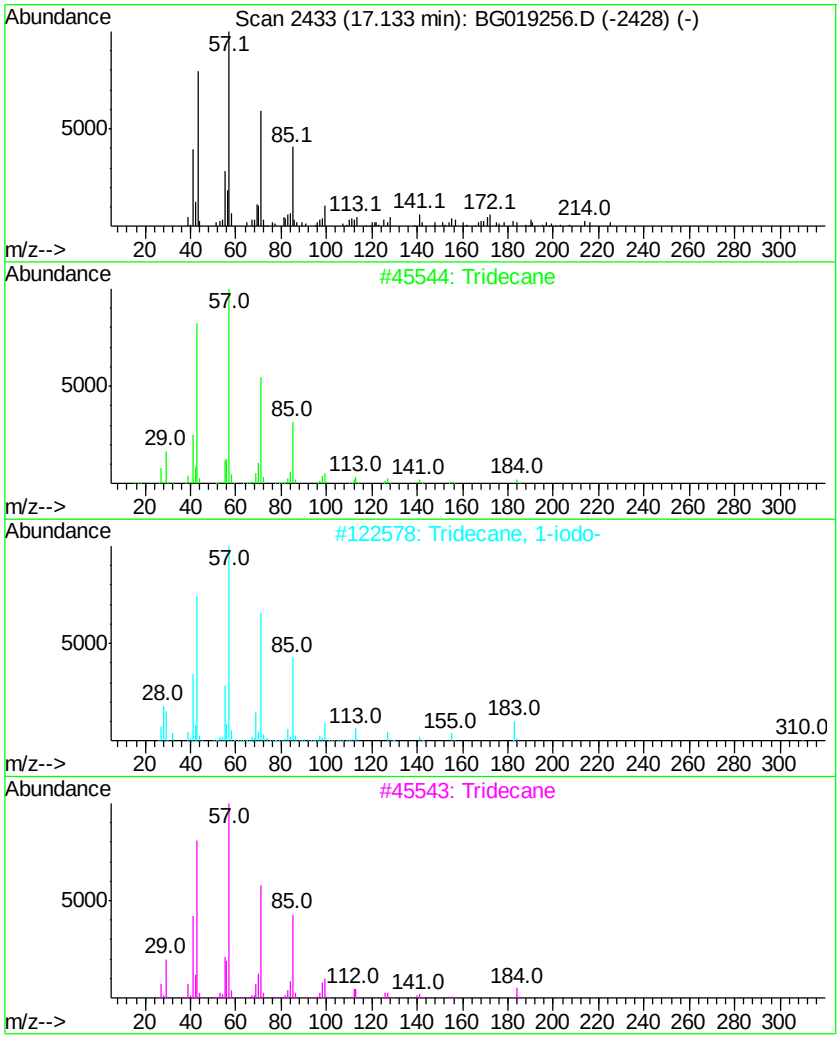
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

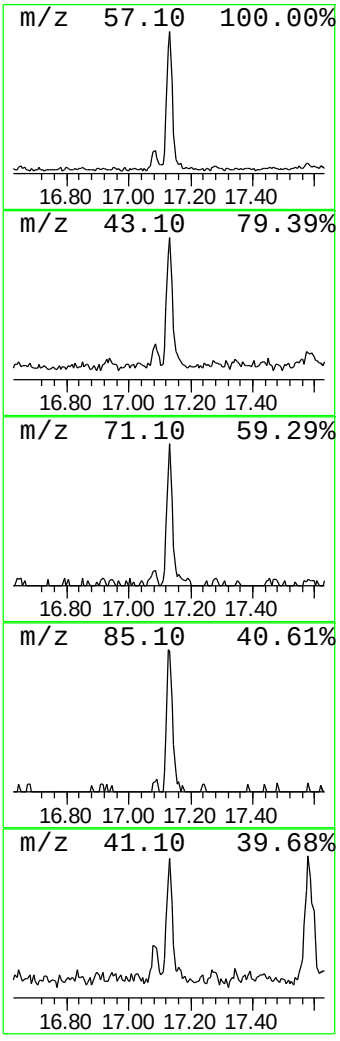
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	5.12 ng/ul	59027	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	74
5	Eicosane	282	C20H42	000112-95-8	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

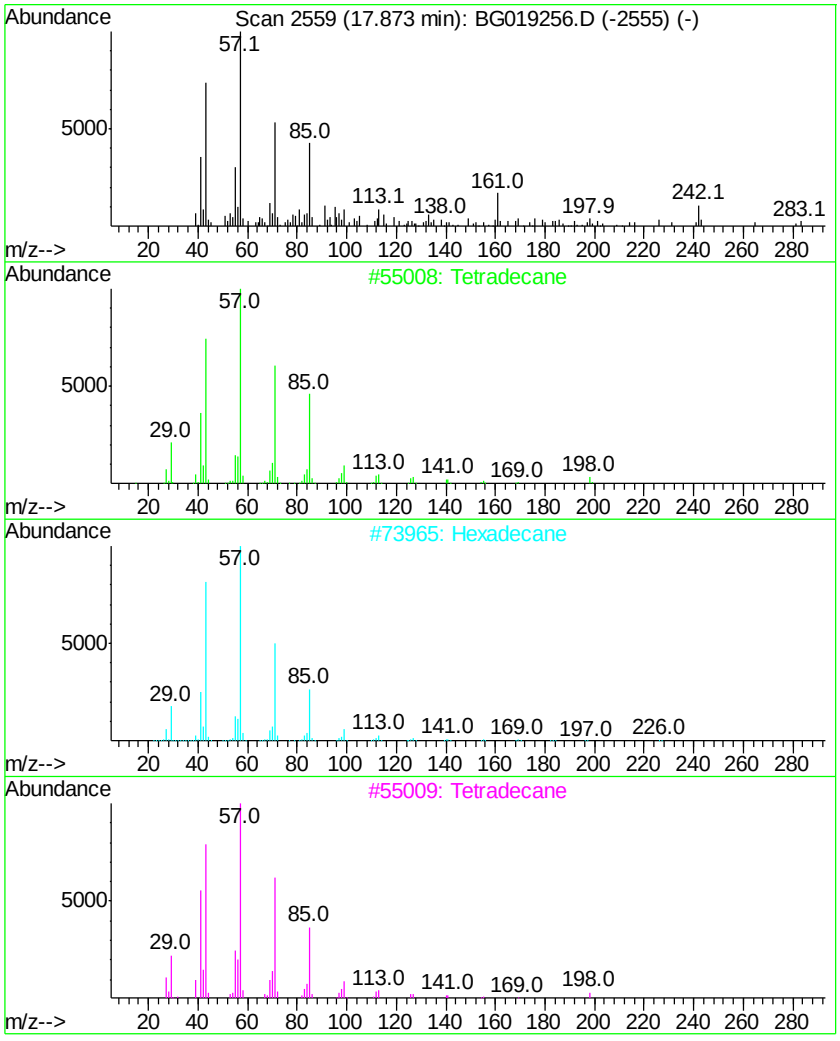
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

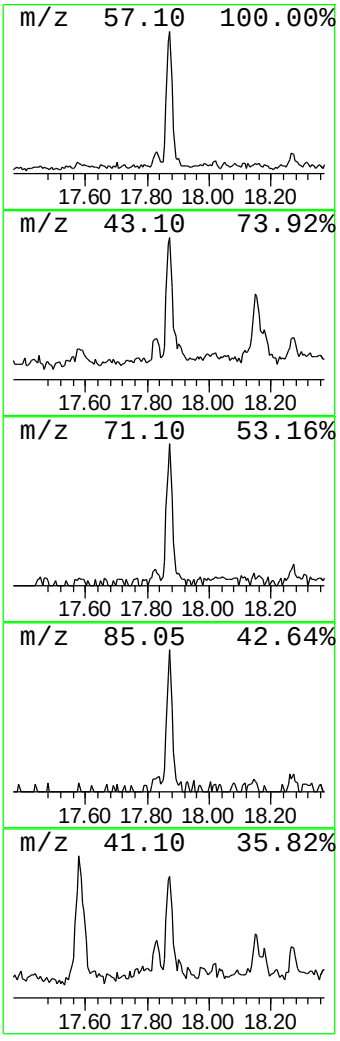
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.75 ng/ul	77788	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	58
4	Eicosane	282	C20H42	000112-95-8	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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

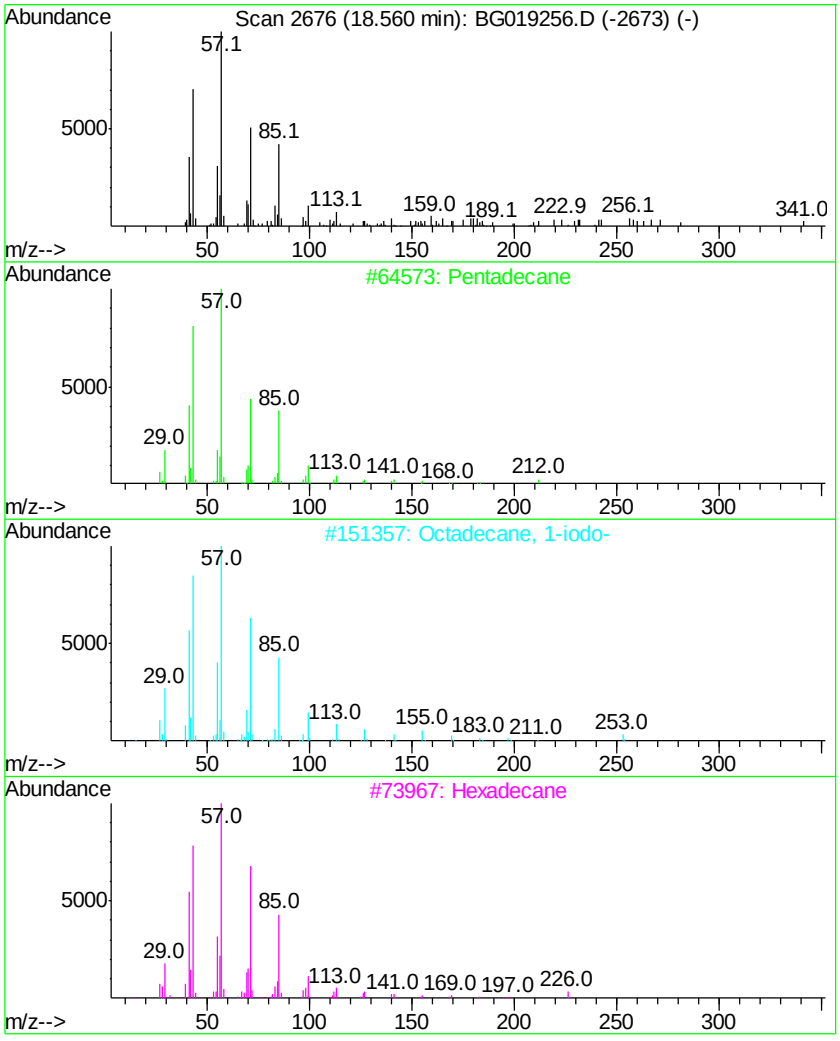
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

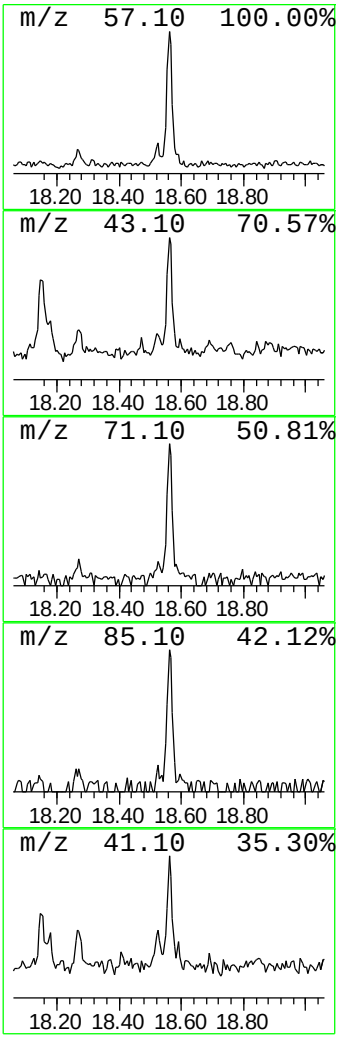
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.07 ng/ul	35430	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Tridecane	184	C13H28	000629-50-5	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

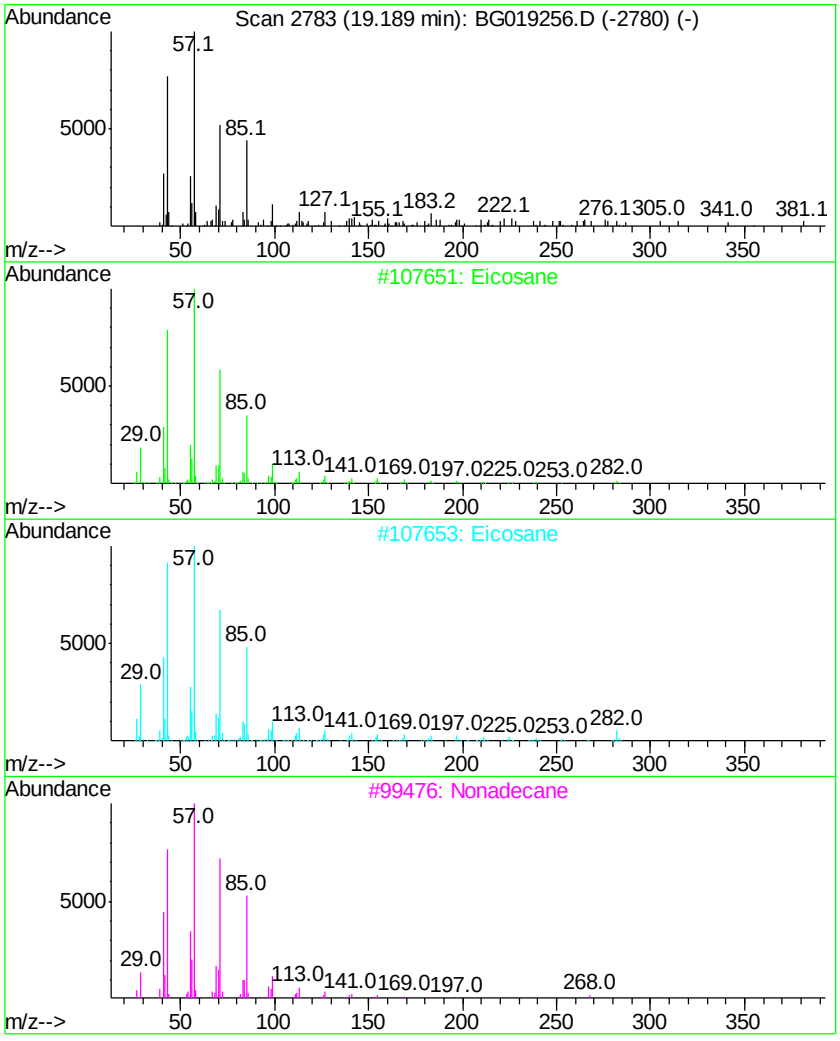
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

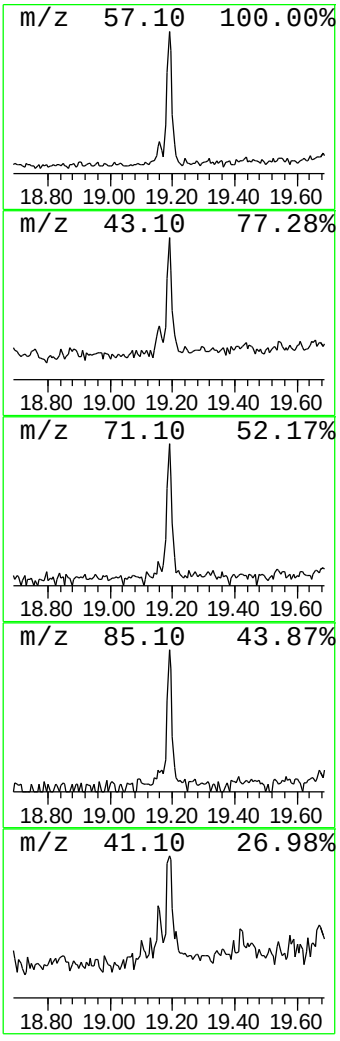
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	4.52 ng/ul	52159	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	89
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexadecane	226	C16H34	000544-76-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101915\
Data File : BG019256.D
Acq On : 20 Oct 2015 1:28
Operator : UM/NP
Sample : G3996-16DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK5DL

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	8.1	ng/ul	39009	1	8.01	96098	20.0
1,3-Cyclopentadie...	6.02	6.4	ng/ul	30929	1	8.01	96098	20.0
Benzene, 1-ethyl-...	7.09	4.7	ng/ul	22553	1	8.01	96098	20.0
Benzene, 1-ethyl-...	7.40	6.3	ng/ul	30229	1	8.01	96098	20.0
Benzofuran	7.73	9.8	ng/ul	47007	1	8.01	96098	20.0
2-Cyclopenten-1-o...	8.30	15.1	ng/ul	72453	1	8.01	96098	20.0
Indene	8.55	5.6	ng/ul	27018	1	8.01	96098	20.0
Ethanone, 1-(2-me...	8.67	14.4	ng/ul	69424	1	8.01	96098	20.0
Ethanone, 1-(1-cy...	9.30	5.6	ng/ul	26907	1	8.01	96098	20.0
Cinnamaldehyde, (E)-	9.37	6.2	ng/ul	29598	1	8.01	96098	20.0
Phenol, 2,6-dimet...	9.44	16.3	ng/ul	122649	2	10.82	150862	20.0
Benzofuran, 2-met...	9.55	13.7	ng/ul	103171	2	10.82	150862	20.0
Phenol, 2-ethyl-	9.79	11.5	ng/ul	86685	2	10.82	150862	20.0
Benzene, 1-butynyl-	10.22	6.3	ng/ul	47857	2	10.82	150862	20.0
Phenol, 3-ethyl-	10.28	54.1	ng/ul	408194	2	10.82	150862	20.0
1-Methoxycyclohep...	10.31	29.6	ng/ul	223315	2	10.82	150862	20.0
Ethanone, 1-(3-me...	10.52	3.1	ng/ul	23110	2	10.82	150862	20.0
Phenol, 2-ethyl-5...	10.65	8.6	ng/ul	64627	2	10.82	150862	20.0
Phenol, 3,4-dimet...	10.70	15.0	ng/ul	113213	2	10.82	150862	20.0
Cinnoline, 1,2-di...	11.06	5.8	ng/ul	43685	2	10.82	150862	20.0
Phenol, 2-ethyl-6...	11.19	11.8	ng/ul	88909	2	10.82	150862	20.0
1H-Benzimidazole,...	11.23	11.3	ng/ul	85425	2	10.82	150862	20.0
1,4-Hexadiene, 5-...	11.27	7.2	ng/ul	54089	2	10.82	150862	20.0
Phenol, 4-ethyl-3...	11.36	10.4	ng/ul	78290	2	10.82	150862	20.0
Phenol, 2,3,6-tri...	11.41	6.3	ng/ul	47929	2	10.82	150862	20.0
Benzenamine, 3,4-...	11.44	3.7	ng/ul	27738	2	10.82	150862	20.0
unknown-01	11.58	3.4	ng/ul	25295	2	10.82	150862	20.0
Phenol, 3-propyl-	11.65	41.7	ng/ul	314733	2	10.82	150862	20.0
Phenol, 2,4,5-tri...	11.84	9.8	ng/ul	74199	2	10.82	150862	20.0
Phenol, 2,3,5-tri...	11.90	12.7	ng/ul	95430	2	10.82	150862	20.0
(DEL) Alkane: Str...	13.45	6.2	ng/ul	76111	3	14.64	246904	20.0
(DEL) Alkane: Cyc...	14.45	3.2	ng/ul	40057	3	14.64	246904	20.0
(DEL) Alkane: Str...	15.48	5.0	ng/ul	61194	3	14.64	246904	20.0
(DEL) Alkane: Str...	16.34	4.9	ng/ul	56614	4	17.39	230647	20.0
(DEL) Alkane: Str...	17.13	5.1	ng/ul	59027	4	17.39	230647	20.0
(DEL) Alkane: Str...	17.87	6.8	ng/ul	77788	4	17.39	230647	20.0
(DEL) Alkane: Str...	18.56	3.1	ng/ul	35430	4	17.39	230647	20.0
(DEL) Alkane: Str...	19.19	4.5	ng/ul	52159	4	17.39	230647	20.0