LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	8.232	905	918	926	rBV	325321	634877	2.14%	0.380%
2	8.884	1017	1029	1035	rBV6	138561	332314	1.12%	0.199%
3	9.019	1045	1052	1059	rBV3	257050	507084	1.71%	0.303%
4	9.348	1096	1108	1115	rVB3	102731	366040	1.23%	0.219%
5	9.672	1155	1163	1177	rBV	1127797	2160785	7.28%	1.292%
6	9.783	1177	1182	1191	rVB2	202651	365544	1.23%	0.219%
7	10.012	1214	1221	1231	rVB	282563	494446	1.67%	0.296%
8	10.159	1231	1246	1251	rBV7	146346	430136	1.45%	0.257%
9	10.224	1251	1257	1272	rVV	1364306	3172876	10.70%	1.898%
10	10.535	1285	1310	1319	rBV	1270203	3452174	11.64%	2.065%
11	10.688	1329	1336	1342	rBV2	335995	622121	2.10%	0.372%
12	10.876	1356	1368	1373	rBV2	452054	1004704	3.39%	0.601%
13	10.929	1373	1377	1389	rVB6	428067	996555	3.36%	0.596%
14	11.064	1389	1400	1405	rBV	418748	791319	2.67%	0.473%
15	11.199	1415	1423	1432	rBV	1250237	2173339	7.33%	1.300%
16	11.323	1432	1444	1452	rVB3	290542	862964	2.91%	0.516%
17	11.417	1452	1460	1465	rBV2	690349	1298501	4.38%	0.777%
18	11.499	1471	1474	1483	rVB2	288426	504078	1.70%	0.301%
19	11.593	1483	1490	1495	rBV	1280432	2199203	7.41%	1.315%
20	11.646	1495	1499	1508	rVB	715440	1403786	4.73%	0.840%
21	11.881	1532	1539	1545	rBV	1811099	3398436	11.46%	2.033%
22	12.069	1564	1571	1576	rBV	567209	1189607	4.01%	0.711%
23	12.128	1576	1581	1586	rVV	793776	1409329	4.75%	0.843%
24	12.204	1590	1594	1597	rVV	232068	425558	1.43%	0.255%
25	12.239	1597	1600	1609	rVB2	269258	470426	1.59%	0.281%
26	12.439	1626	1634	1643	rVB2	521362	1112992	3.75%	0.666%
27	12.592	1649	1660	1671	rBV7	277438	1090684	3.68%	0.652%
28	12.703	1671	1679	1682	rBV3	412549	769616	2.59%	0.460%
29	12.739	1682	1685	1695	rVV7	521342	1179213	3.97%	0.705%
30	12.827	1695	1700	1711	rVB	610865	1375012	4.63%	0.822%
31	12.921	1711	1716	1724	rVB2	355822	665613	2.24%	0.398%
32	13.009	1724	1731	1735	rBV2	343167	630346	2.12%	0.377%
33	13.056	1735	1739	1744	rBV2	690513	1127117	3.80%	0.674%
34	13.126	1748	1751	1760	rVB4	341593	691260	2.33%	0.413%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	13.220	1760	1767	1771	rBV	3233636	5310615	17.90%	3.176%
36	13.267	1771	1775	1783	rVB2	1957114	3192014	10.76%	1.909%
37	13.344	1783	1788	1800	rVB6	529427	1188299	4.01%	0.711%
38	13.449	1800	1806	1813	rBV4	275154	557184	1.88%	0.333%
39	13.532	1813	1820	1824	rBV2	213061	430051	1.45%	0.257%
40	13.890	1878	1881	1895	rVB10	178246	614446	2.07%	0.367%
41	14.002	1895	1900	1904	rBV5	315923	679733	2.29%	0.407%
42	14.184	1925	1931	1936	rBV4	761112	1725847	5.82%	1.032%
43	14.237	1936	1940	1947	rVB4	613026	1298184	4.38%	0.776%
44	14.348	1947	1959	1968	rBV2	1698571	3871753	13.05%	2.316%
45	14.560	1988	1995	2003	rBV9	205774	587318	1.98%	0.351%
46	14.672	2009	2014	2016	rBV5	208376	365738	1.23%	0.219%
47	14.701	2016	2019	2030	rVB4	267616	633663	2.14%	0.379%
48	14.860	2041	2046	2055	rVV3	1095886	2197096	7.41%	1.314%
49	14.959	2055	2063	2065	rVV4	302054	743661	2.51%	0.445%
50	14.989	2065	2068	2075	rVV2	409770	647074	2.18%	0.387%
51	15.183	2099	2101	2105	rVV	252766	337306	1.14%	0.202%
52	15.230	2105	2109	2117	rVV6	249991	632948	2.13%	0.379%
53	15.324	2117	2125	2133	rVB8	470941	1052133	3.55%	0.629%
54	15.618	2171	2175	2177	rBV	269932	390332	1.32%	0.233%
55	15.700	2183	2189	2192	rVB5	184958	354523	1.20%	0.212%
56	15.905	2217	2224	2232	rVB6	640895	1478012	4.98%	0.884%
57	16.452	2310	2317	2321	rBV8	424588	826678	2.79%	0.494%
58	16.505	2321	2326	2330	rBV3	564758	879628	2.97%	0.526%
59	16.628	2342	2347	2354	rBV8	134545	342694	1.16%	0.205%
60	16.728	2356	2364	2368	rVB5	437219	901991	3.04%	0.539%
61	16.810	2372	2378	2383	rVB9	197634	401875	1.35%	0.240%
62	16.898	2385	2393	2398	rBV7	300909	814441	2.75%	0.487%
63	16.957	2398	2403	2408	rVV5	191349	371582	1.25%	0.222%
64	17.128	2428	2432	2437	rVB6	199692	322206	1.09%	0.193%
65	17.292	2456	2460	2464	rVV2	533266	622364	2.10%	0.372%
66	17.445	2480	2486	2491	rBV4	280355	555157	1.87%	0.332%
67	17.498	2491	2495	2499	rBV2	669302	1003406	3.38%	0.600%
68	17.603	2507	2513	2515	rBV	840709	1199766	4.04%	0.718%
69	17.639	2515	2519	2525	rVB2	1572166	2424305	8.17%	1.450%
70	17.703	2525	2530	2534	rBV3	310698	515232	1.74%	0.308%
71	17.791	2536	2545	2556	rBV2	16372188	29666819	100.00%	17.743%

LSC Area Percent Report

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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	17.956	2569	2573	2576	rBV4	301399	476881	1.61%	0.285%
73	17.991	2576	2579	2583	rVB2	466623	563212	1.90%	0.337%
74	18.038	2583	2587	2590	rBV2	712941	1070892	3.61%	0.640%
75	18.085	2591	2595	2598	rVB4	341472	579598	1.95%	0.347%
76	18.350	2627	2640	2649	rBV	5190099	10993895	37.06%	6.575%
77	18.444	2652	2656	2665	rVB3	427498	758516	2.56%	0.454%
78	18.655	2687	2692	2695	rBV3	529244	956202	3.22%	0.572%
79	18.720	2699	2703	2716	rVB2	641085	987441	3.33%	0.591%
80	18.943	2738	2741	2746	rVB6	224787	316429	1.07%	0.189%
81	19.243	2788	2792	2795	rBV5	228764	395429	1.33%	0.236%
82	19.296	2795	2801	2806	rVV	3922812	5693377	19.19%	3.405%
83	19.343	2806	2809	2817	rVB2	711569	956518	3.22%	0.572%
84	19.413	2817	2821	2827	rBV6	355834	612737	2.07%	0.366%
85	19.760	2876	2880	2888	rBV2	502403	877403	2.96%	0.525%
86	19.883	2898	2901	2903	rBV2	422138	487401	1.64%	0.292%
87	19.912	2903	2906	2911	rVV	773788	946637	3.19%	0.566%
88	19.959	2911	2914	2921	rVV2	1042558	1520219	5.12%	0.909%
89	20.189	2949	2953	2961	rVB3	478058	748660	2.52%	0.448%
90	20.441	2989	2996	3002	rVB3	879548	1611028	5.43%	0.964%
91	20.559	3013	3016	3021	rBV6	225820	342382	1.15%	0.205%
92	20.712	3036	3042	3049	rVB7	655119	1560809	5.26%	0.933%
93	20.976	3072	3087	3095	rVB3	3258266	12453879	41.98%	7.448%
94	21.299	3137	3142	3154	rVB6	716225	2116284	7.13%	1.266%
95	21.646	3194	3201	3211	rVB	2116618	5527784	18.63%	3.306%
96	21.904	3240	3245	3250	rVB	883255	1548642	5.22%	0.926%
97	22.257	3301	3305	3312	rVB	605866	1002103	3.38%	0.599%
98	25.341	3822	3830	3839	rVB	450929	1414070	4.77%	0.846%
99	25.900	3922	3925	3936	rVB5	239868	593359	2.00%	0.355%
100	27.180	4136	4143	4158	rVB5	451289	1646970	5.55%	0.985%

Sum of corrected areas: 167202886

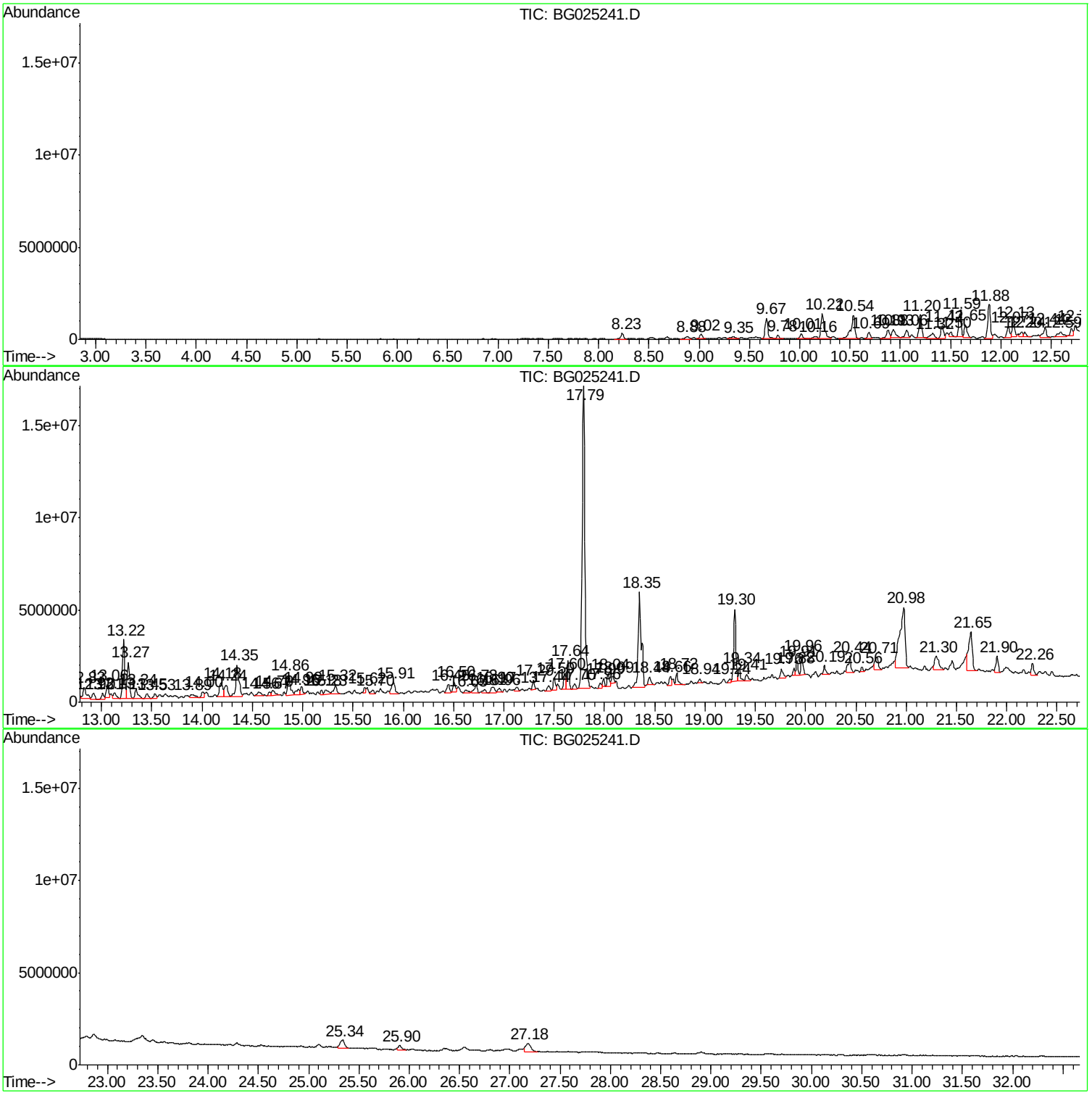
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

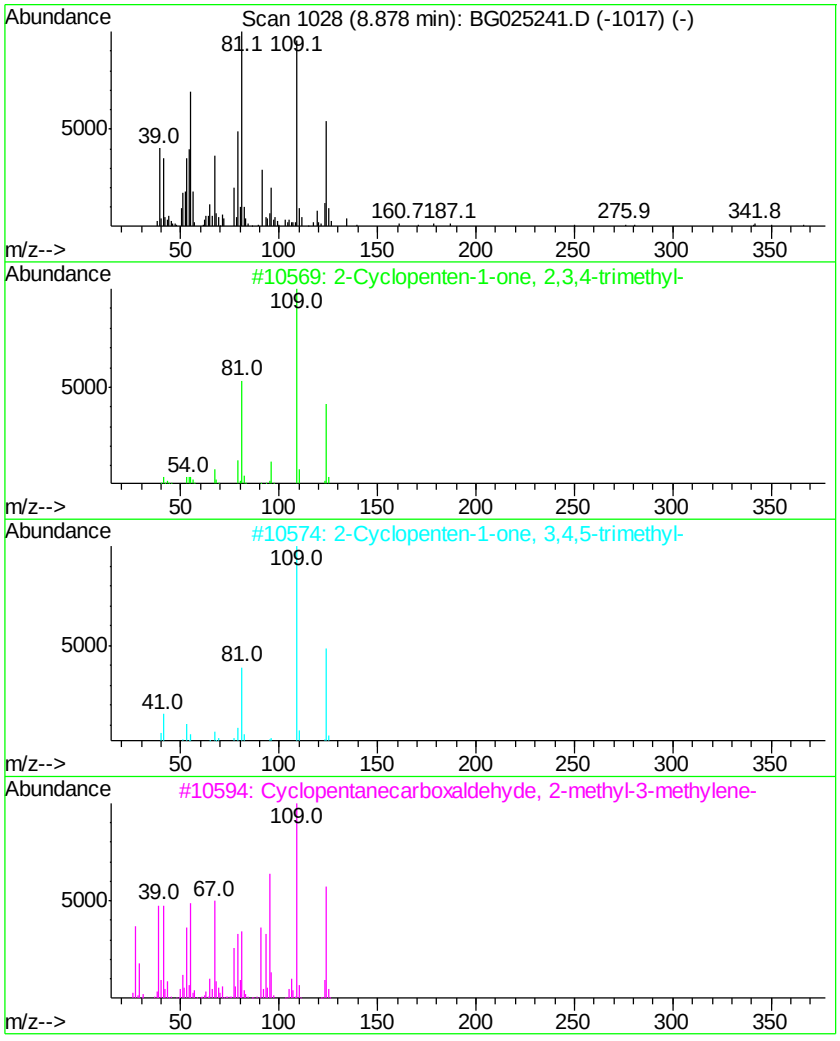
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

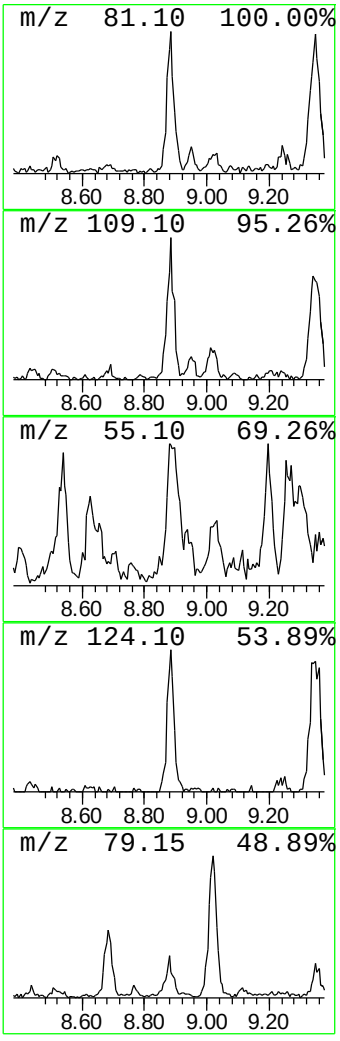
****

Peak Number 1 2-Cyclopenten-1-one, 2,3,4-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	10.47 ng/ul	332314	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	90
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	72
3	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	70
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	64
5	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

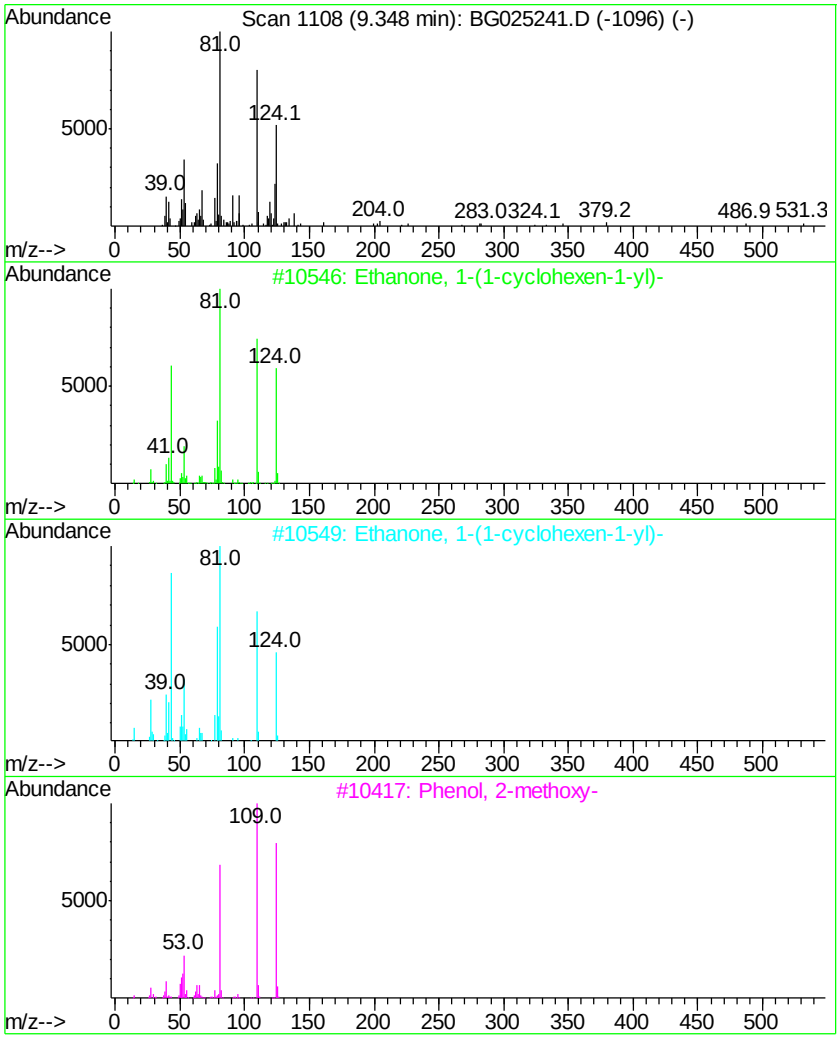
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

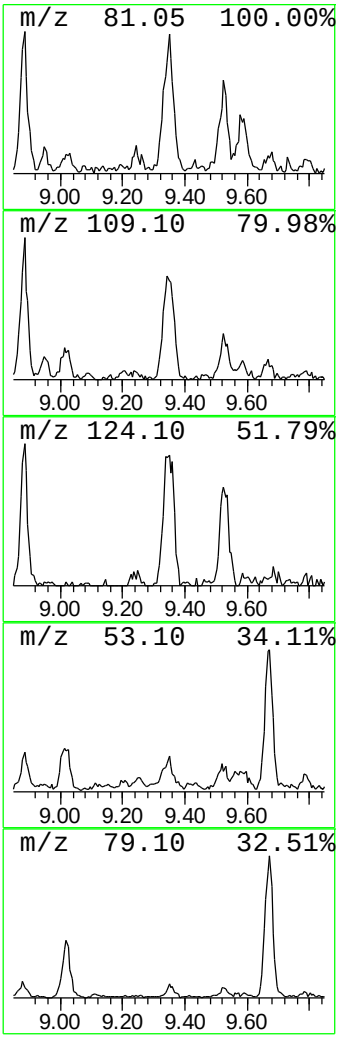
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	11.53 ng/ul	366040	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	74
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	68
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	55
5	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

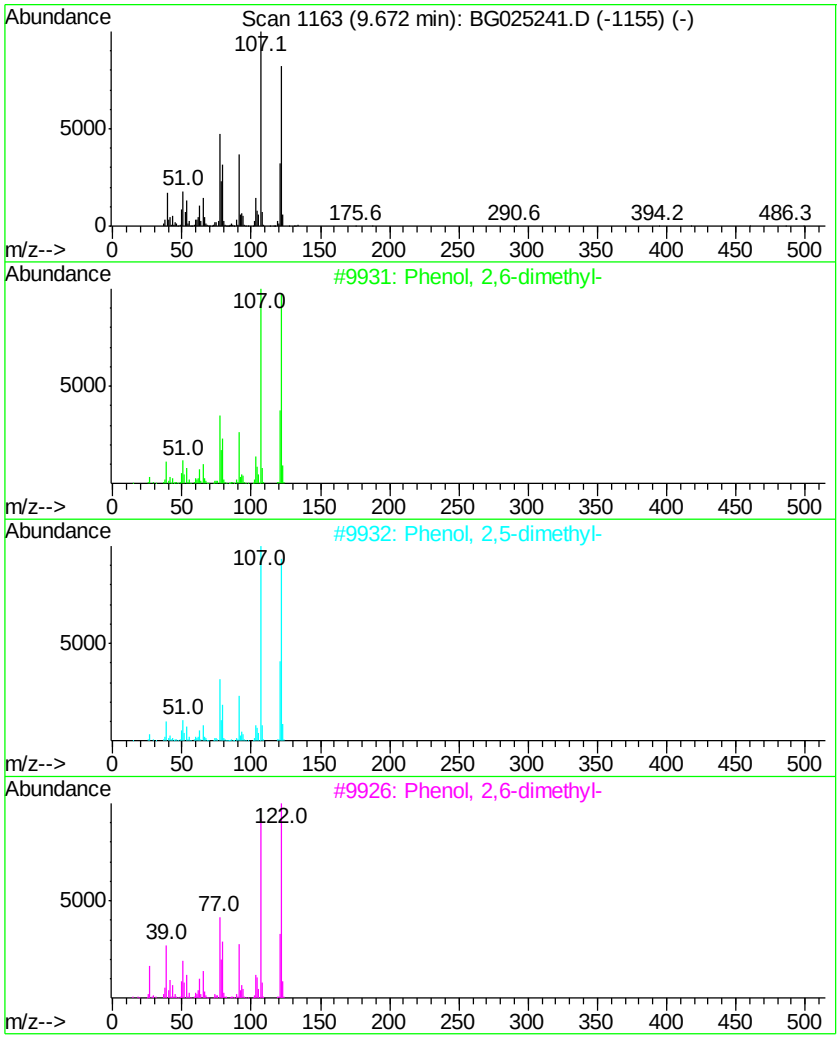
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

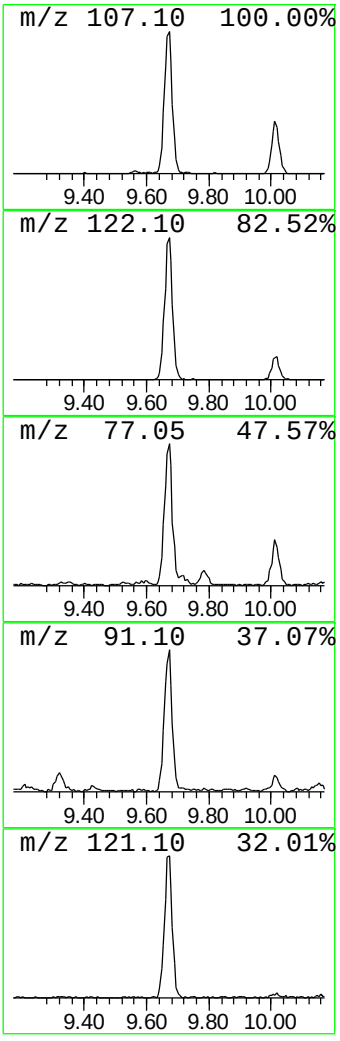
****

Peak Number 3 Phenol, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	54.61 ng/ul	2160790	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

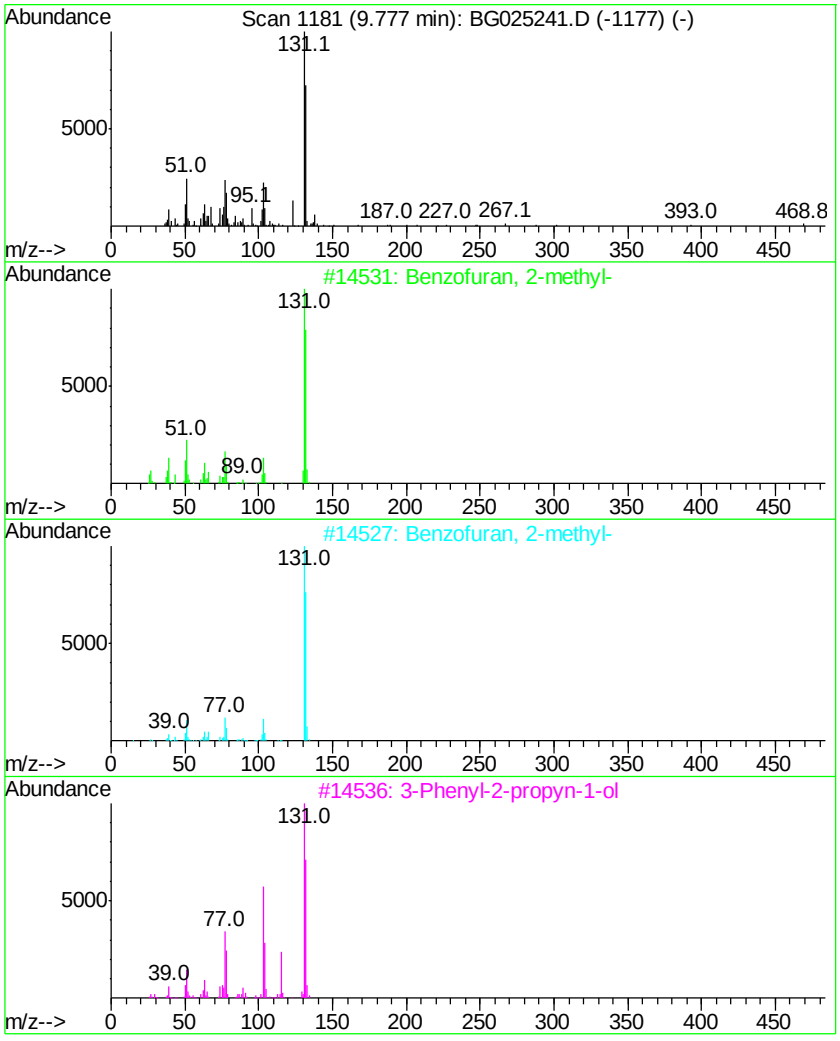
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

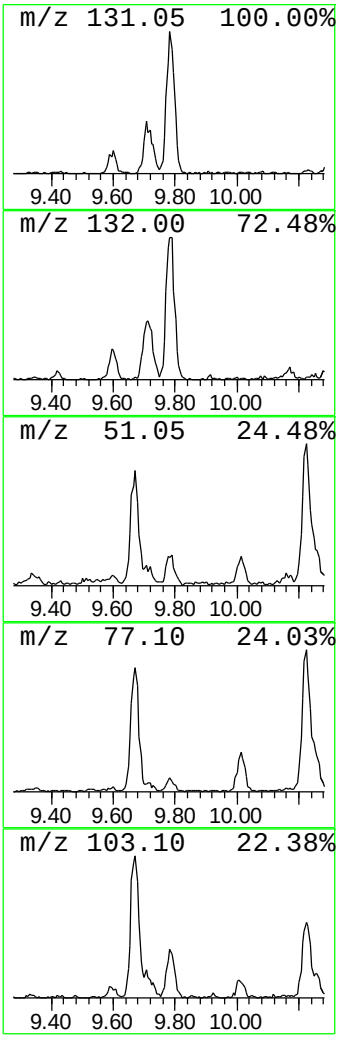
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	9.24 ng/ul	365544	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	74
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

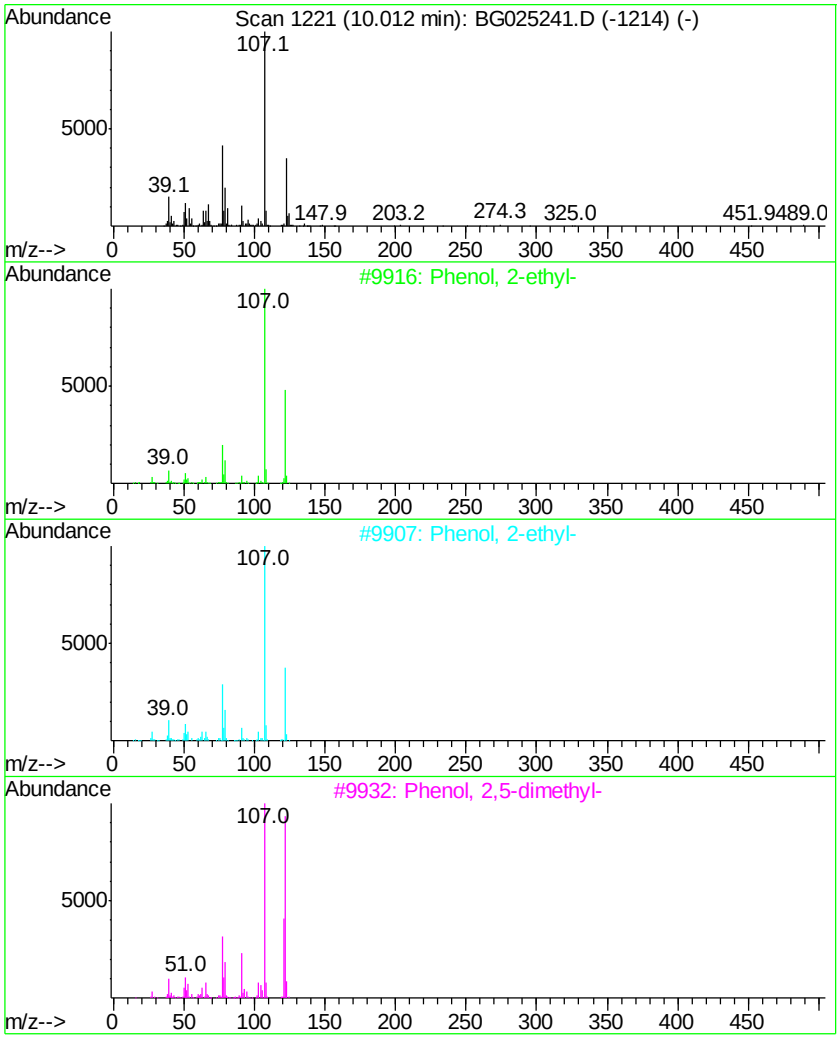
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

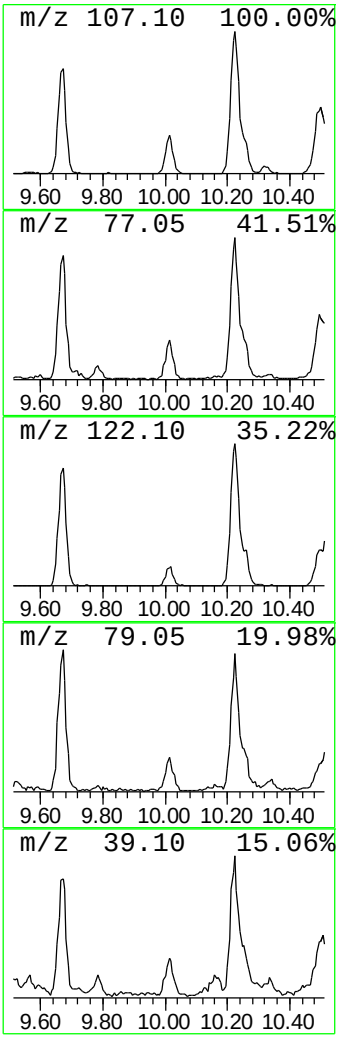
****

Peak Number 5 Phenol, 2-ethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	12.50 ng/ul	494446	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	78
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	68
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	68





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

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Quant Title : SVOA CALIBRATION

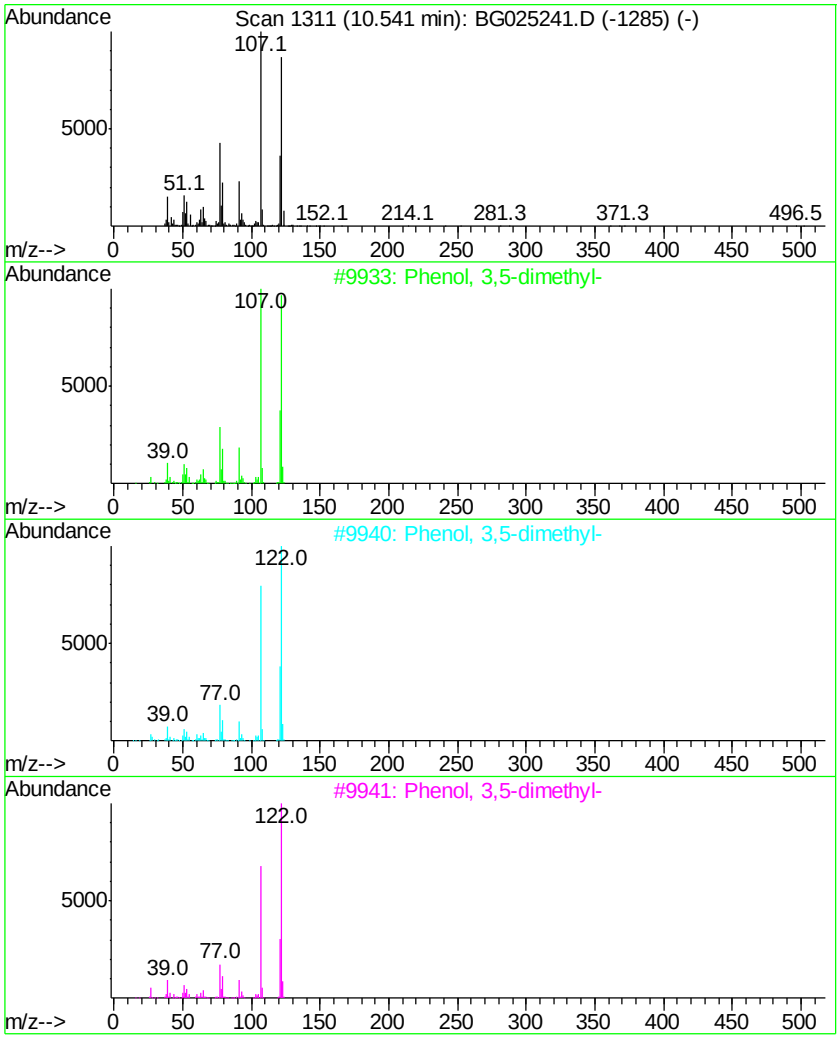
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

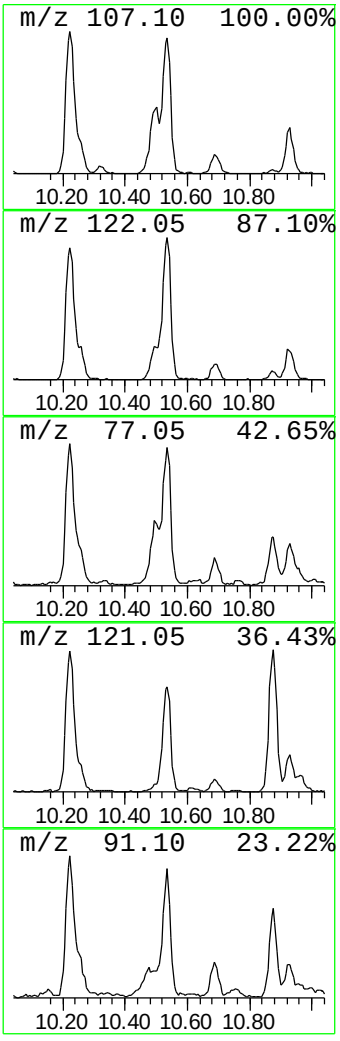
****

Peak Number 6 Phenol, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	87.25 ng/ul	3452170	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91





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Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

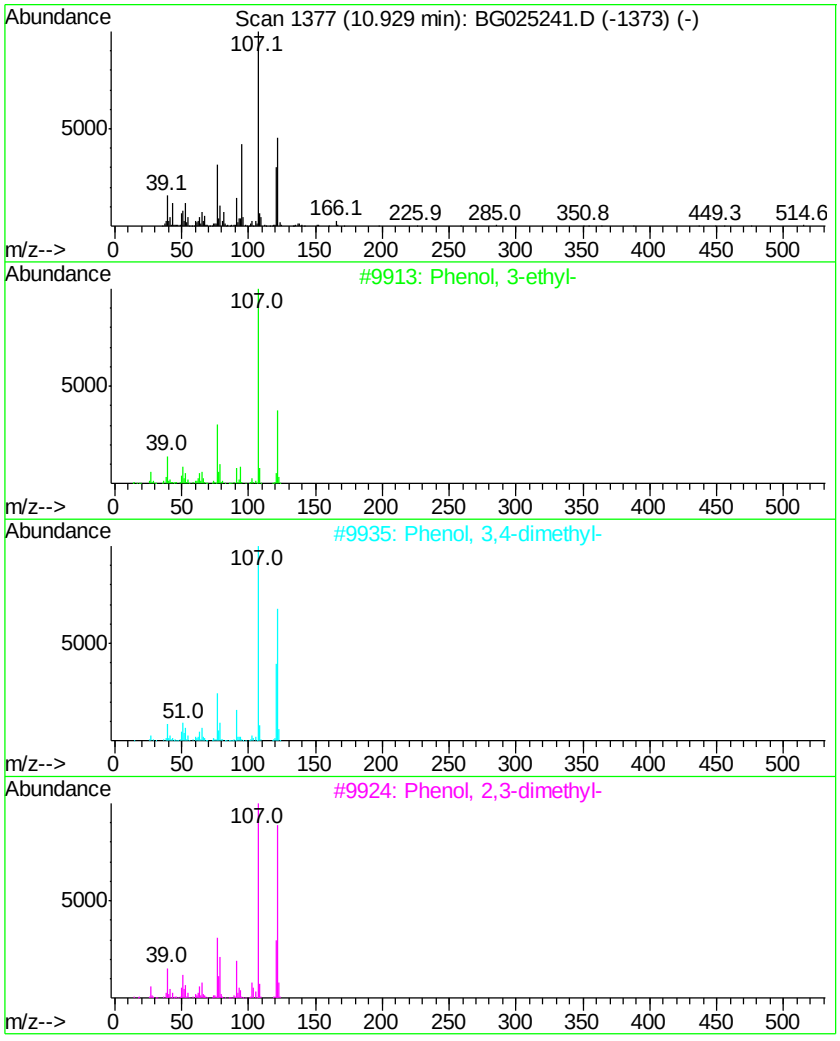
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

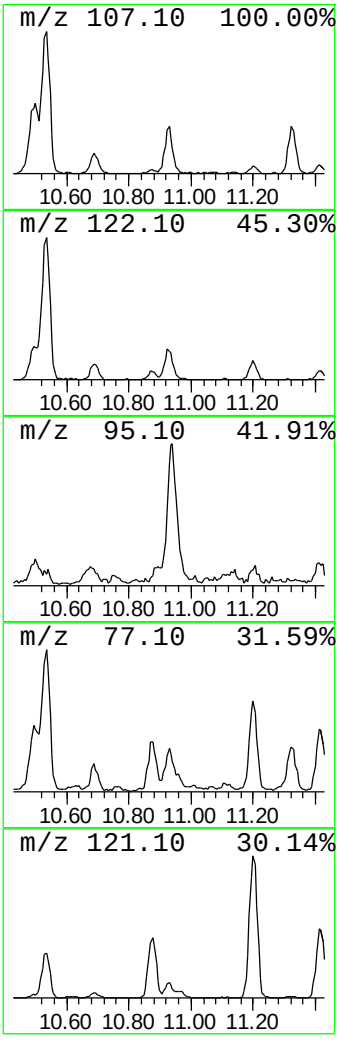
****

Peak Number 8 Phenol, 3-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	25.19 ng/ul	996555	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	64
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	62
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	59
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	58
5	1,3-Cyclopentadiene, 1,2,5,5-tet...	122	C9H14	004249-12-1	53





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

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Quant Title : SVOA CALIBRATION

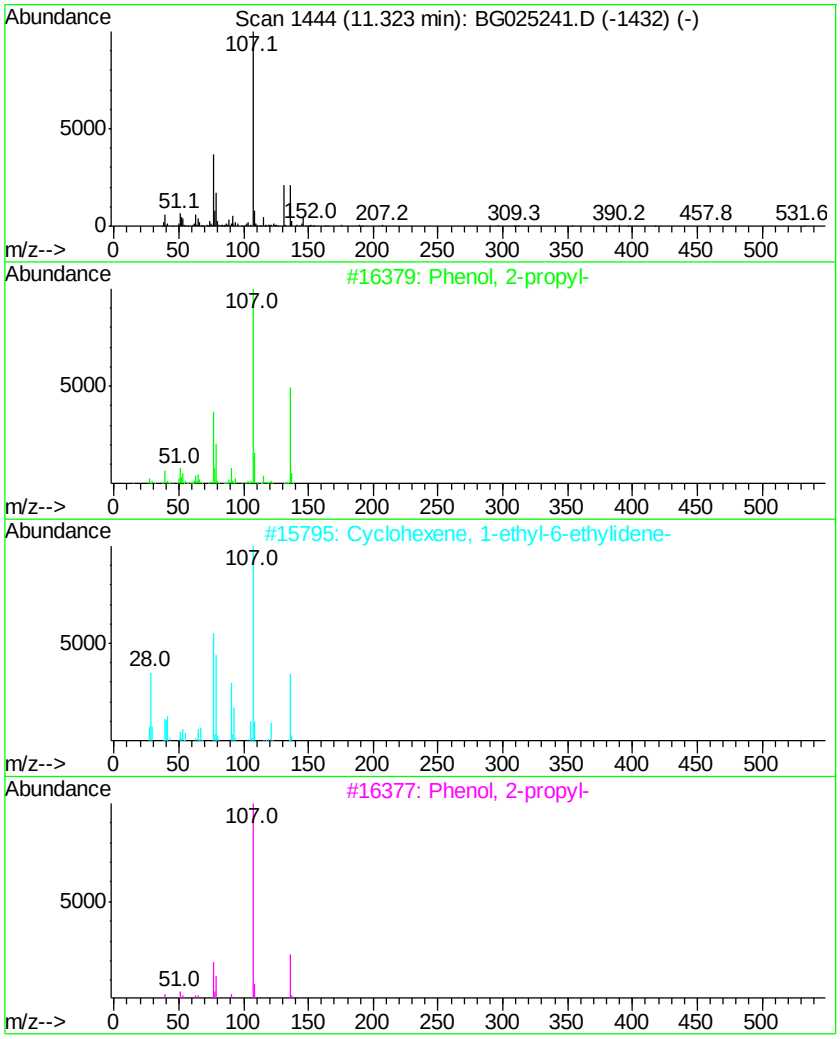
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

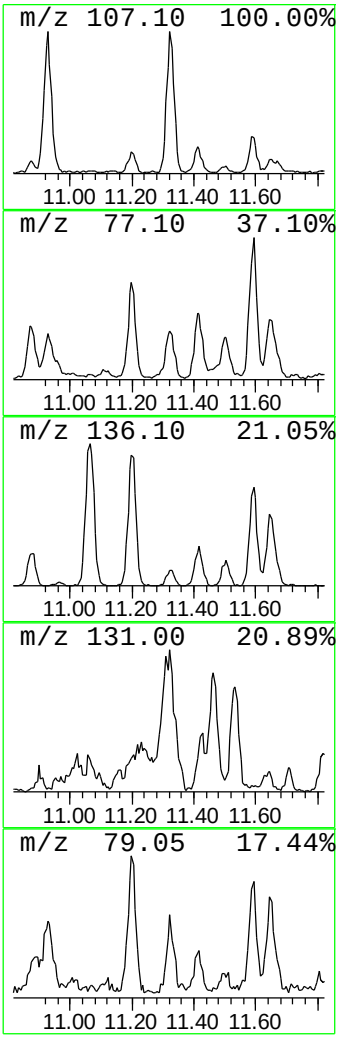
****

Peak Number 9 Phenol, 2-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	21.81 ng/ul	862964	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	76
2	Cyclohexene, 1-ethyl-6-ethylidene-	136	C10H16	061141-57-9	72
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	72
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	68
5	Furan, 2-(1-pentenyl)-, (Z)-	136	C9H12O	020992-60-3	64





Library Search Compound Report

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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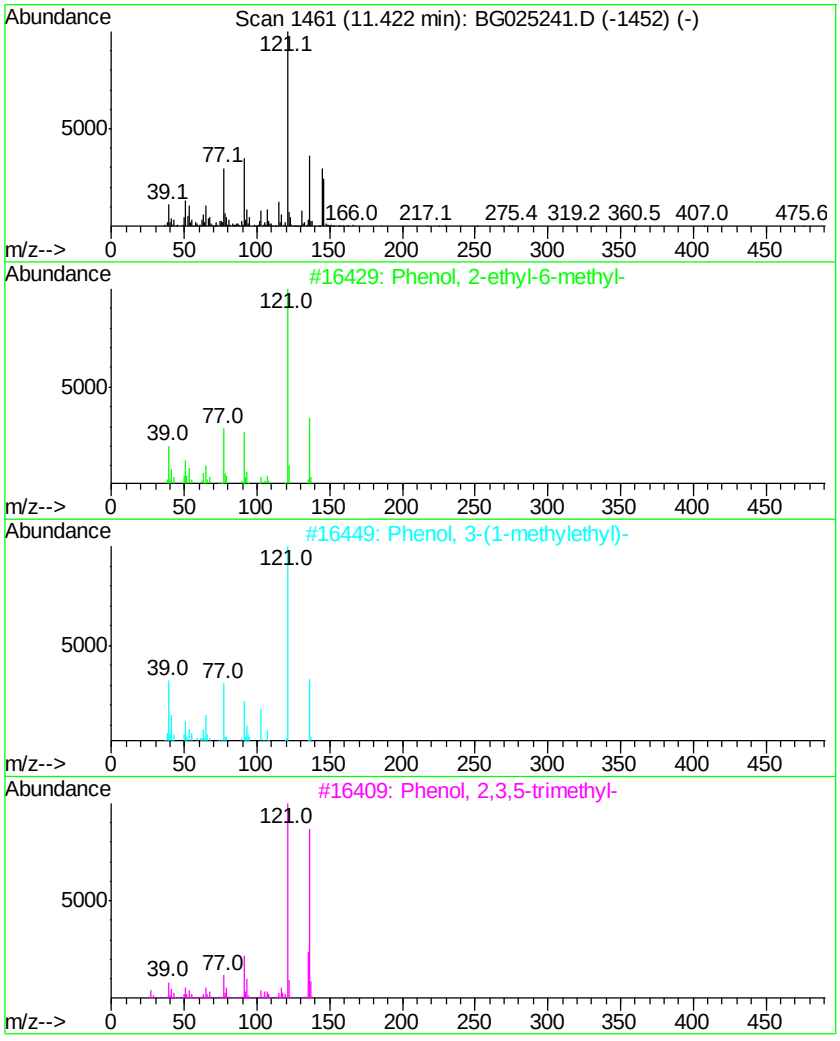
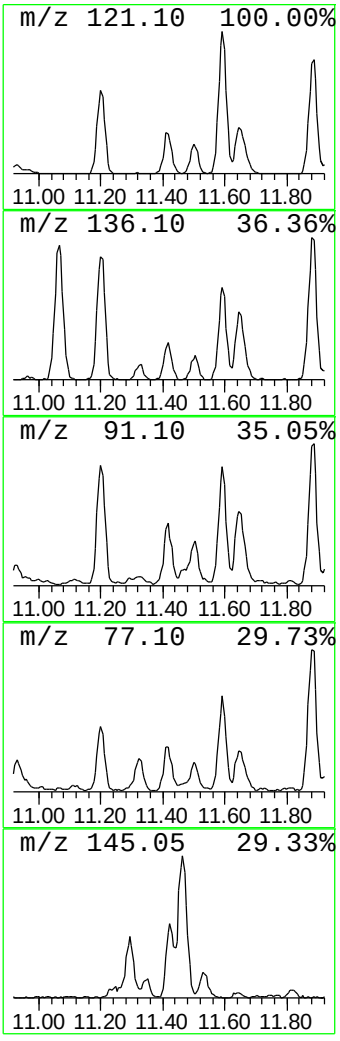
Peak Number 10 Phenol, 2-ethyl-6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.82 ng/ul	1298500	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	86
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	60
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	58
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	58





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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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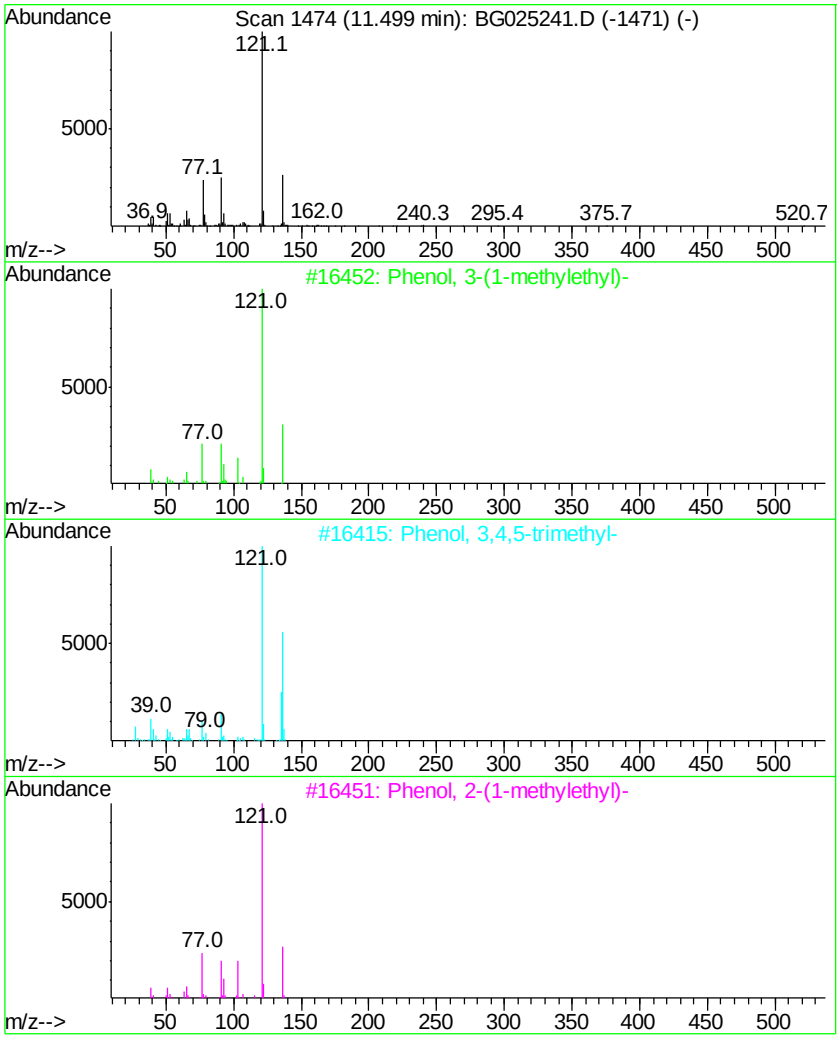
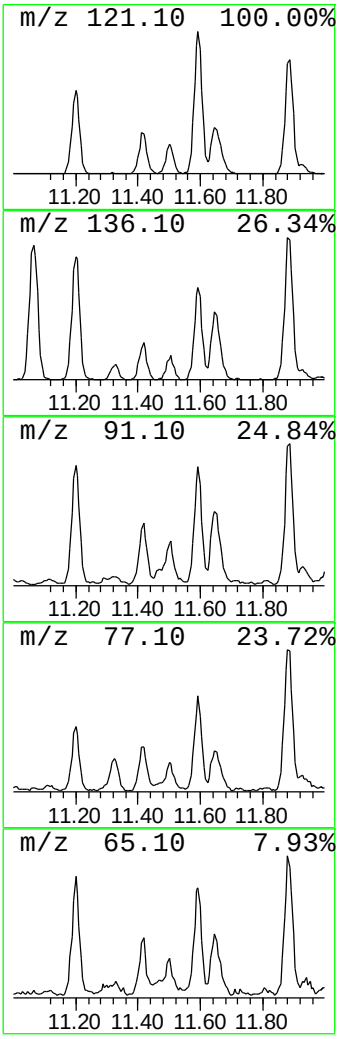
Peak Number 11 Phenol, 3-(1-methylethyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	12.74 ng/ul	504078	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	78
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	78
4	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	74
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	72





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Acq On : 16 Dec 2016 10:20
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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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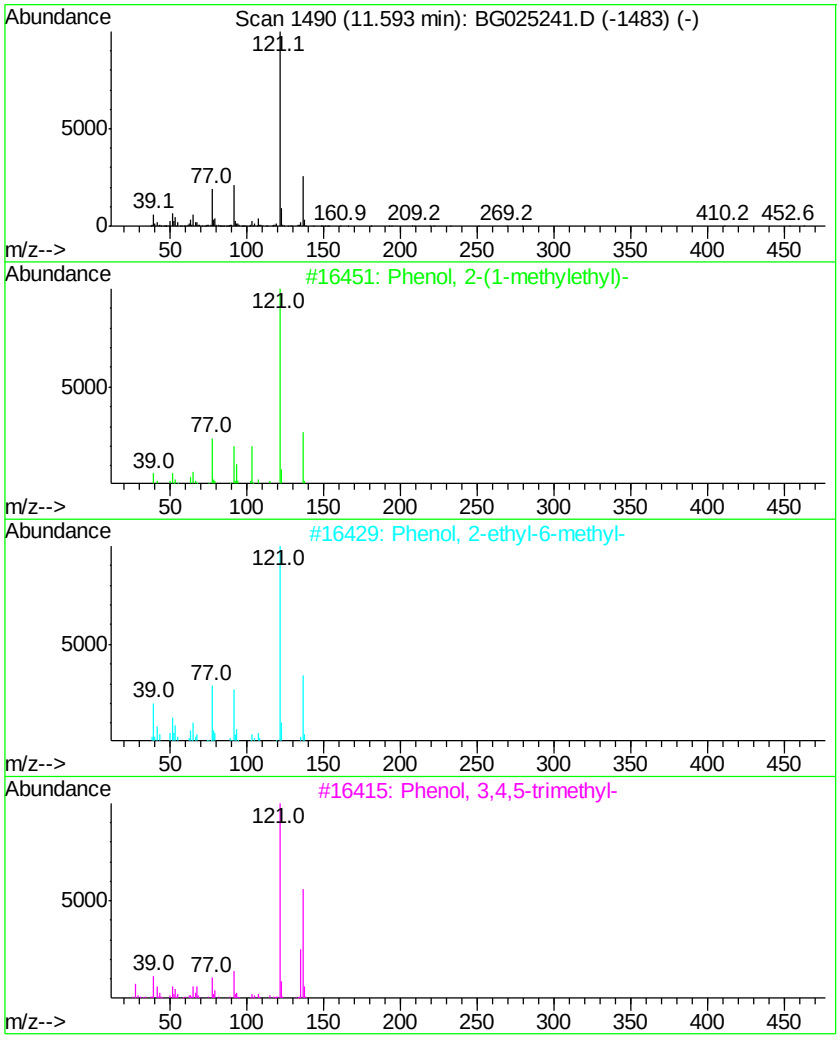
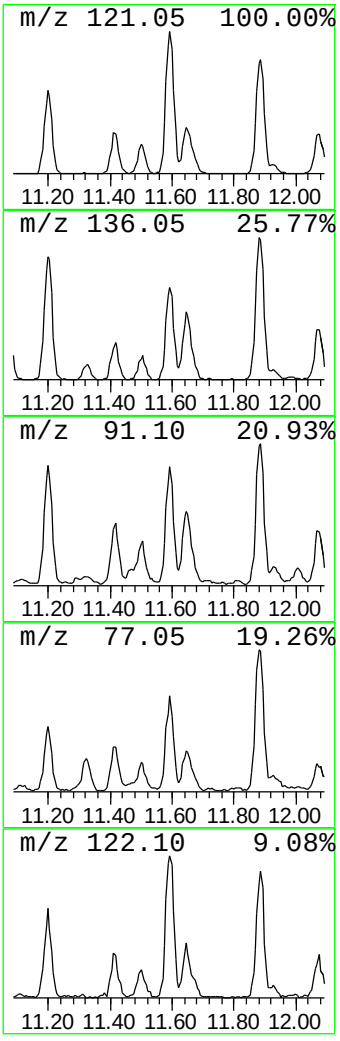
Peak Number 12 Phenol, 2-(1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	55.58 ng/ul	2199200	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	87





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

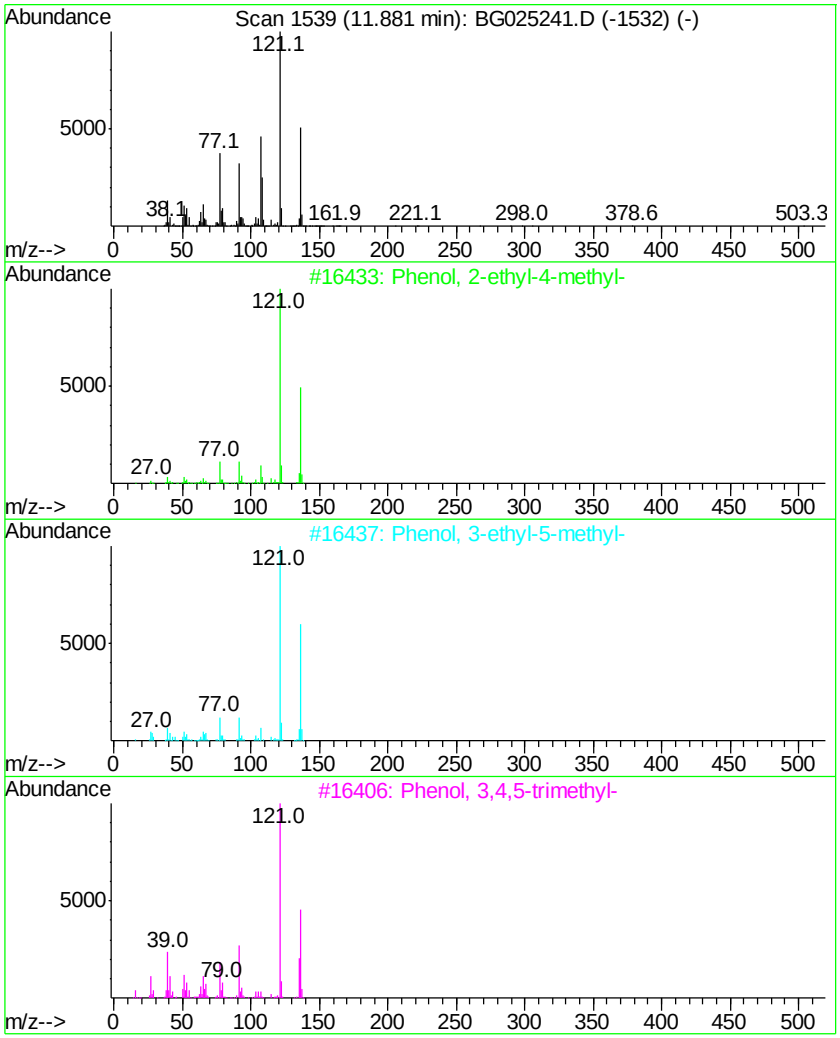
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

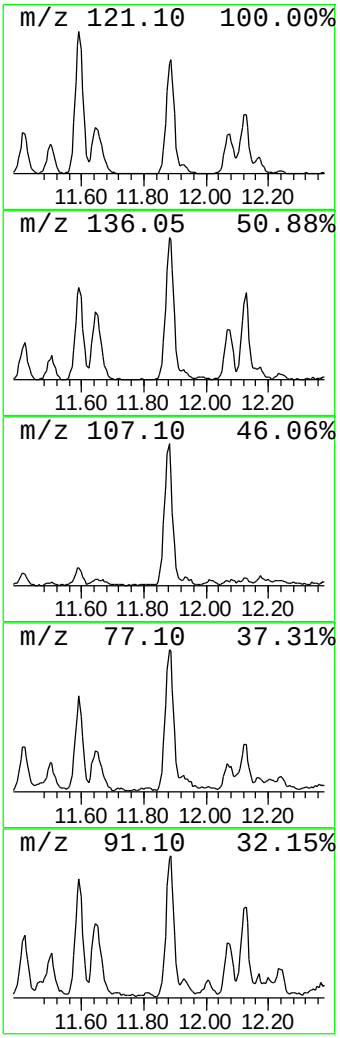
****

Peak Number 14 Phenol, 2-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	85.89 ng/ul	3398440	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	76
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	68
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	64
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	64





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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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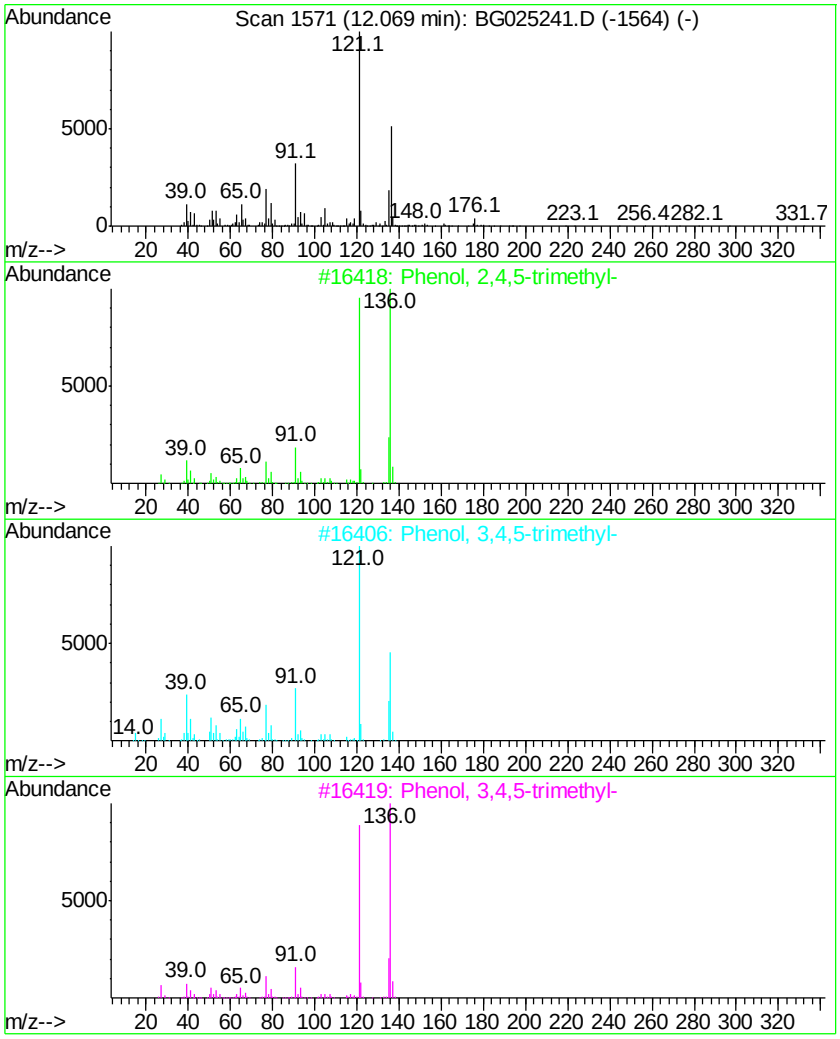
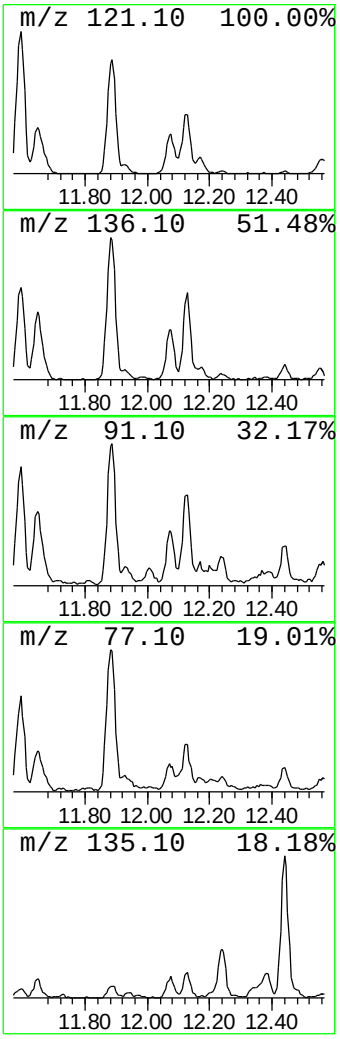
Peak Number 15 Phenol, 2,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	30.07 ng/ul	1189610	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	83
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	83





Library Search Compound Report

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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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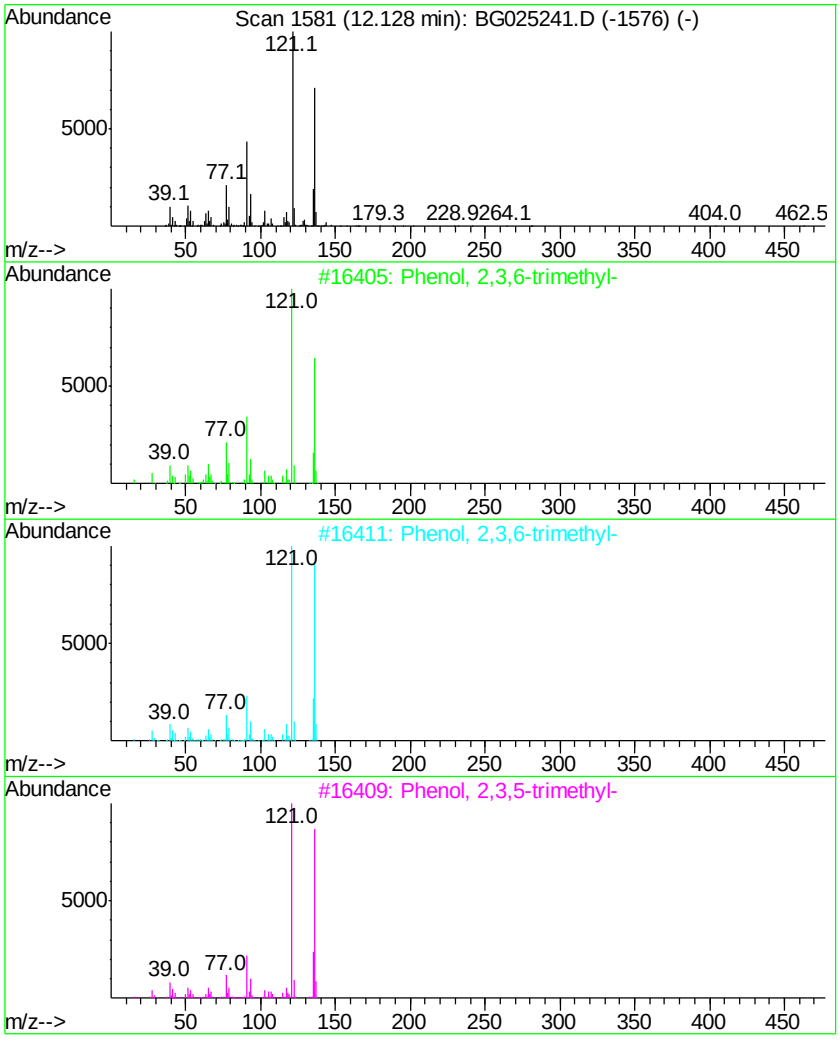
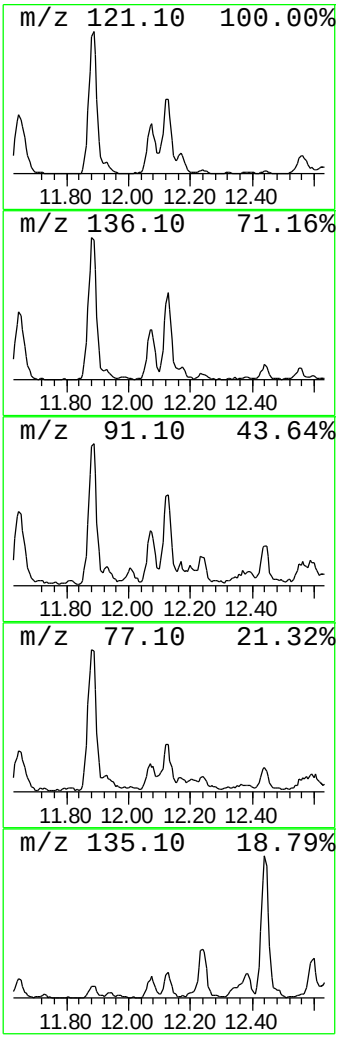
Peak Number 16 Phenol, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	35.62 ng/ul	1409330	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	95
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	91





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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

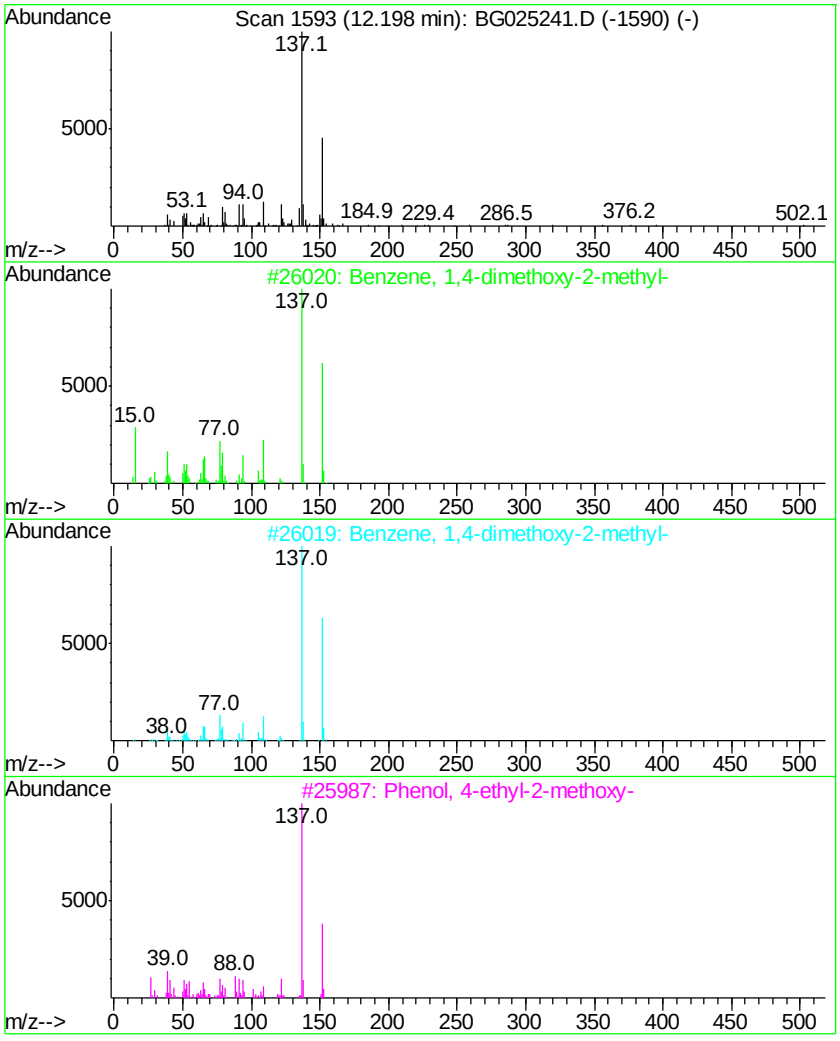
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

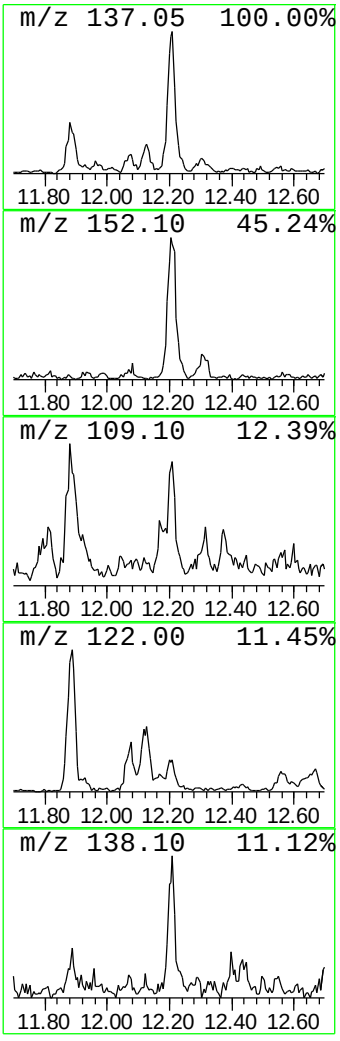
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,4-dimethoxy-2-me... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	10.76 ng/ul	425558	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	80
2	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	80
3	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	80
4	Benzenethiol, o-isopropyl-,	152	C9H12S	006262-87-9	72
5	2-(2,2-Dimethylcyclopropyl)thiop...	152	C9H12S	005919-16-4	72





Library Search Compound Report

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Sample : H5995-03 5X
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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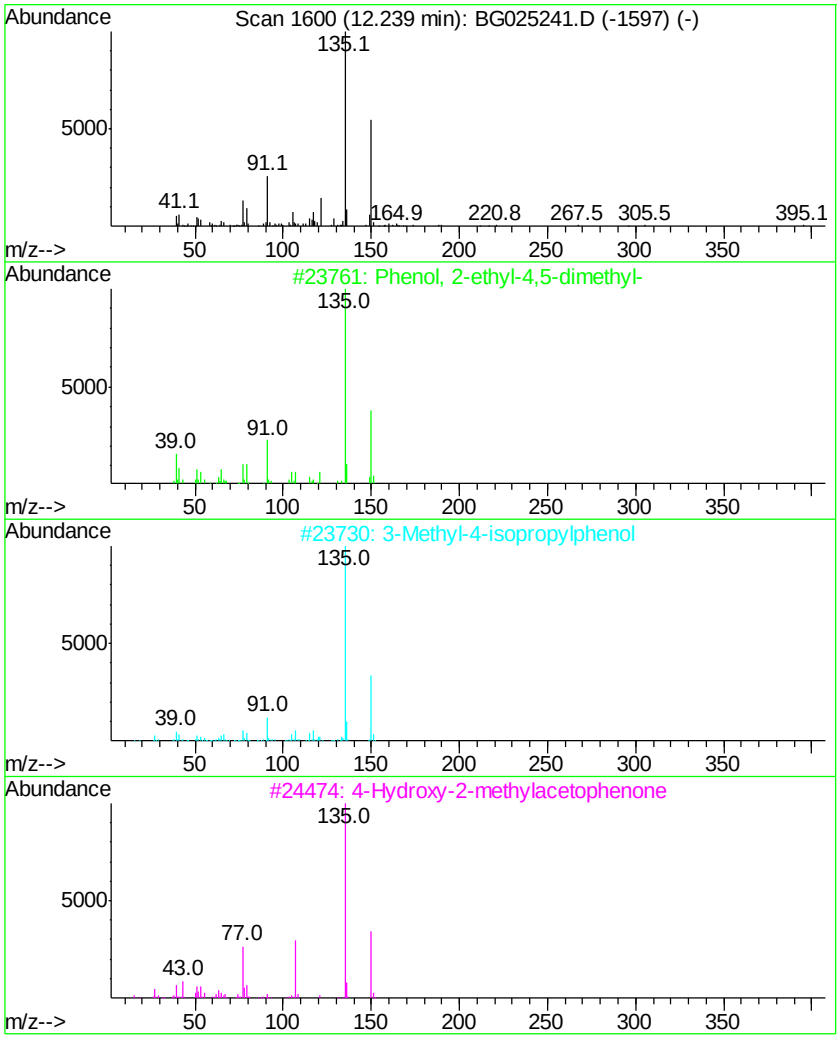
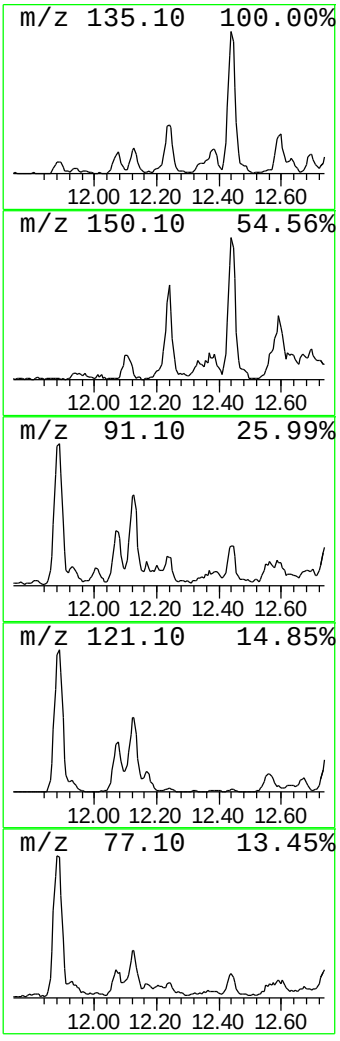
Peak Number 18 Phenol, 2-ethyl-4,5-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	11.89 ng/ul	470426	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	80
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	80
3	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	72
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	72
5	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

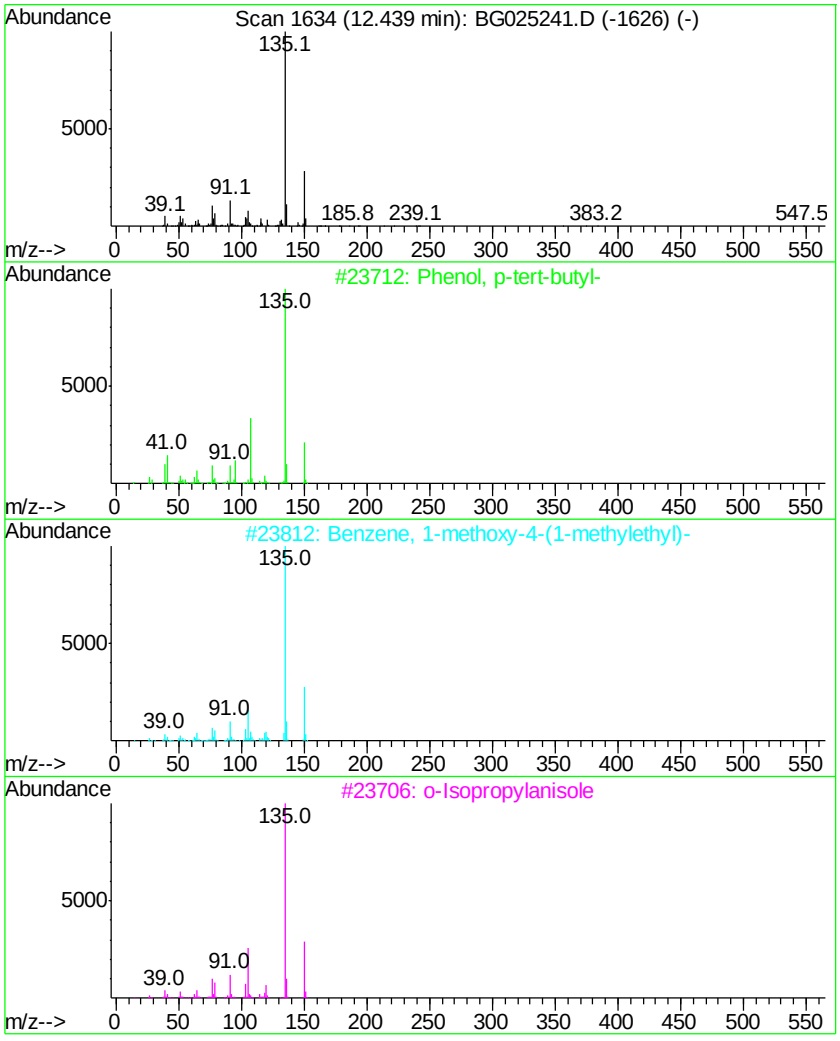
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

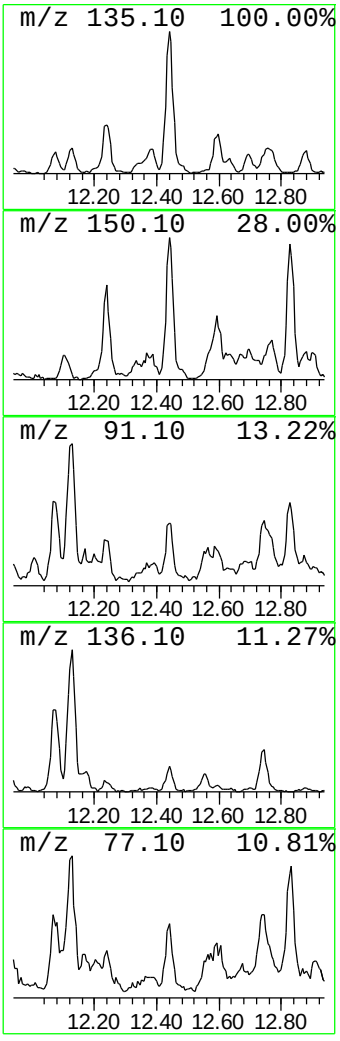
****

Peak Number 19 Phenol, p-tert-butyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	28.13 ng/ul	1112990	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86
2	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	86
3	o-Isopropylanisole	150	C10H14O	002944-47-0	86
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	80
5	3,4-Diethylphenol	150	C10H14O	000875-85-4	80





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Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

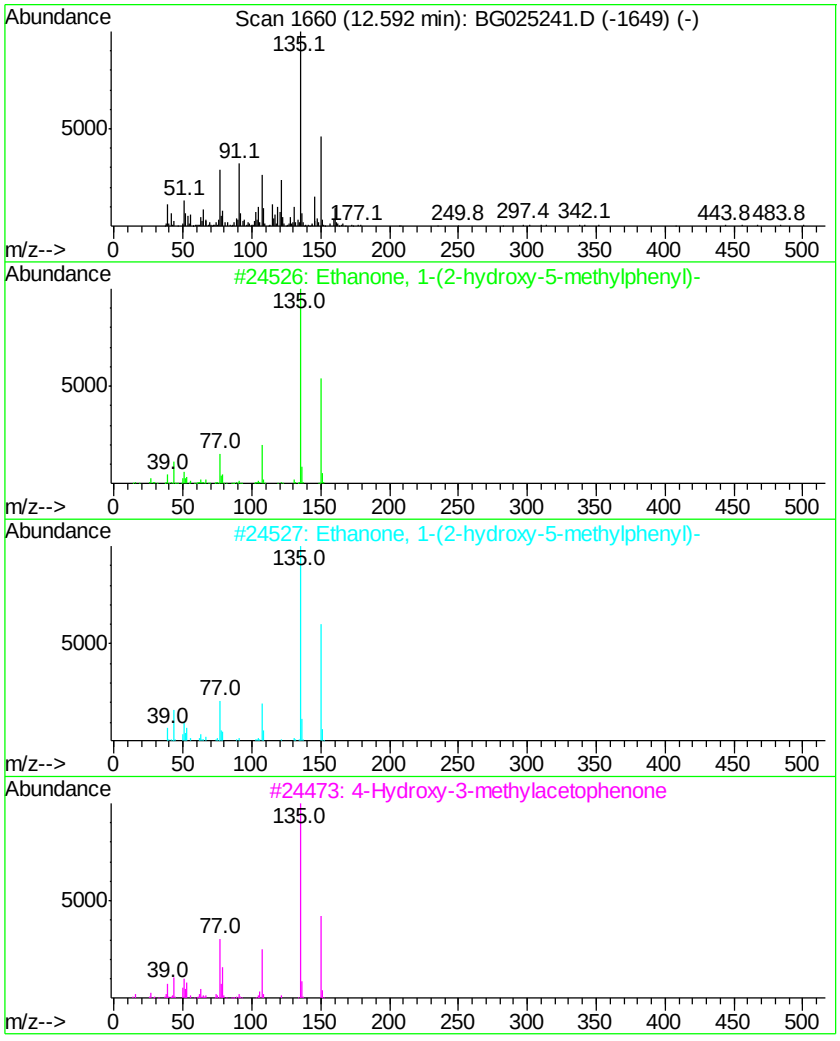
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

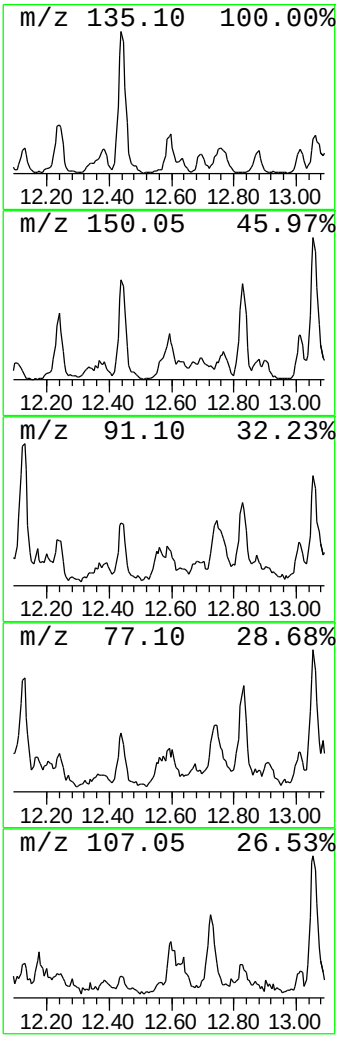
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Ethanone, 1-(2-hydroxy-5-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	27.57 ng/ul	1090680	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	74
2	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	72
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	68
4	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	64
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	59





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

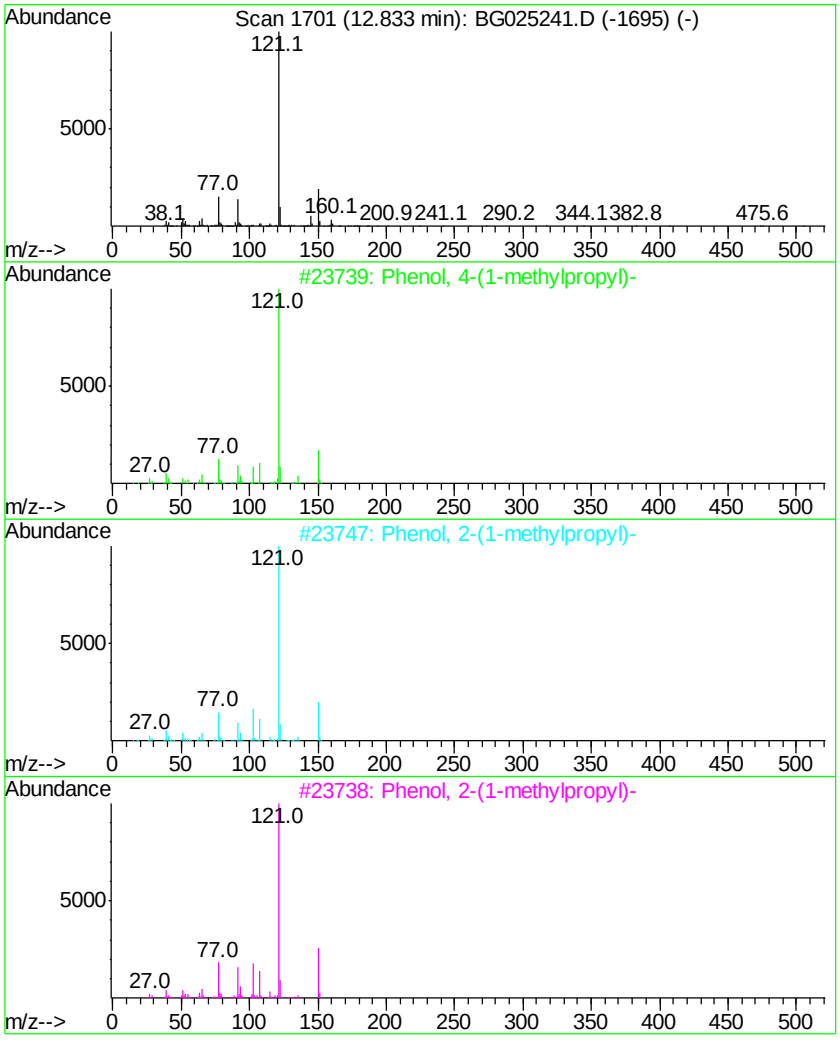
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

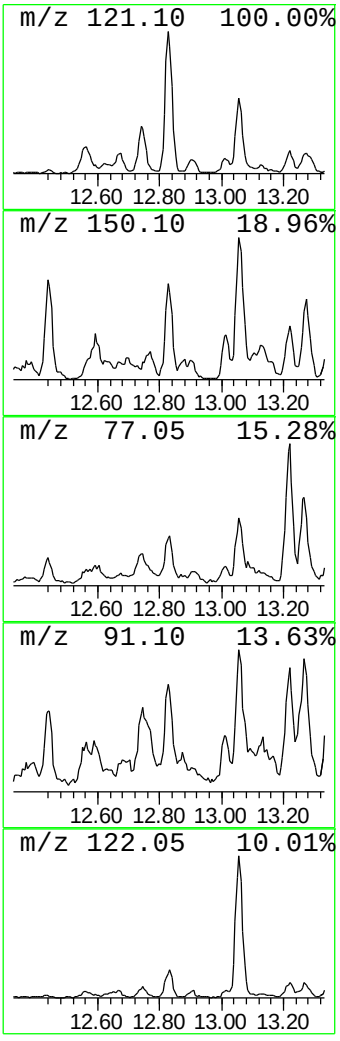
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenol, 4-(1-methylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	34.75 ng/ul	1375010	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	86
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	86
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	86
4	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	80
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	80





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

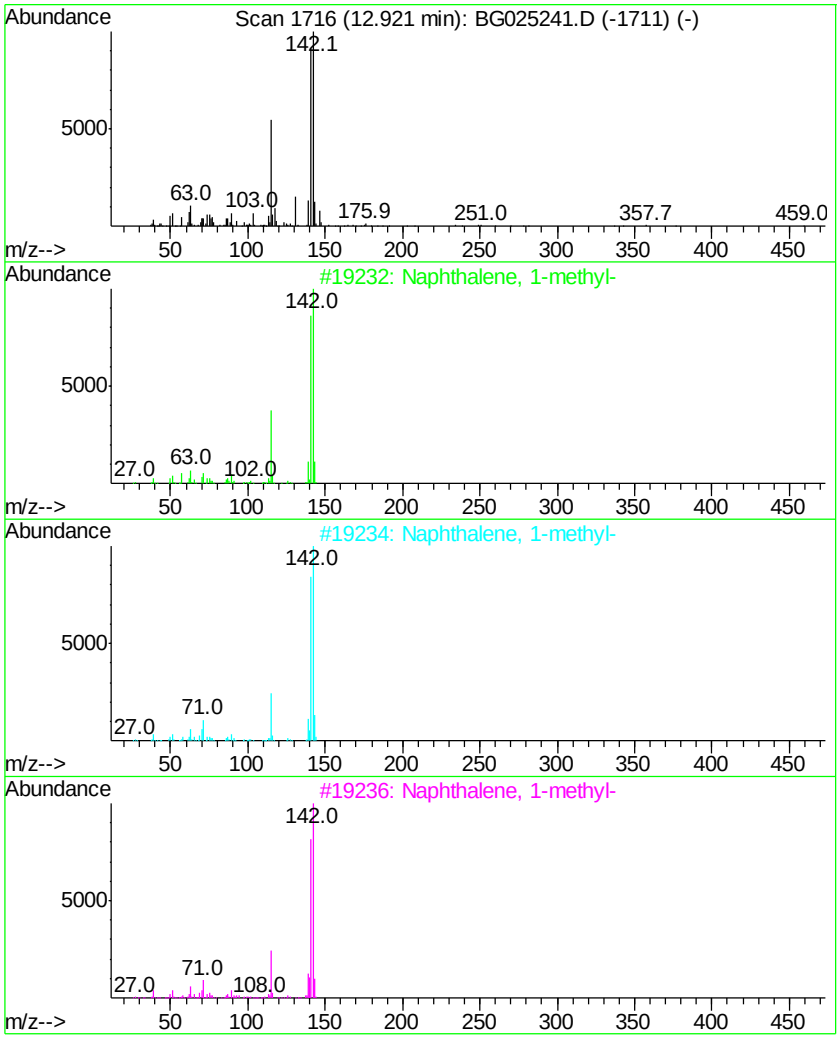
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

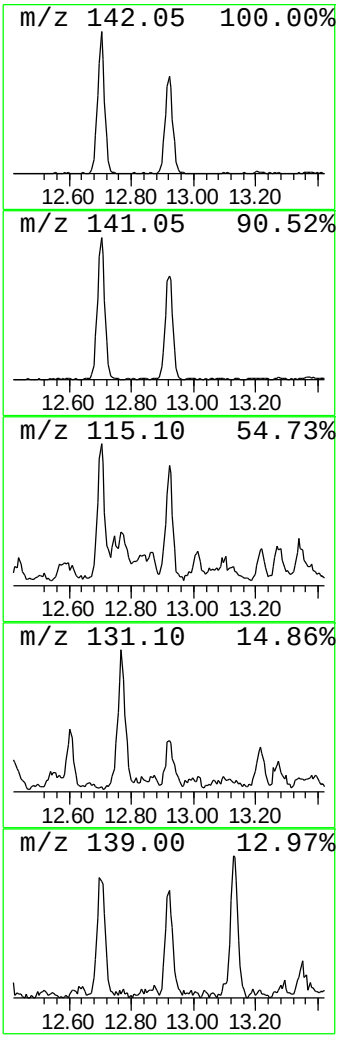
****

Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	16.82 ng/ul	665613	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87





Library Search Compound Report

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Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

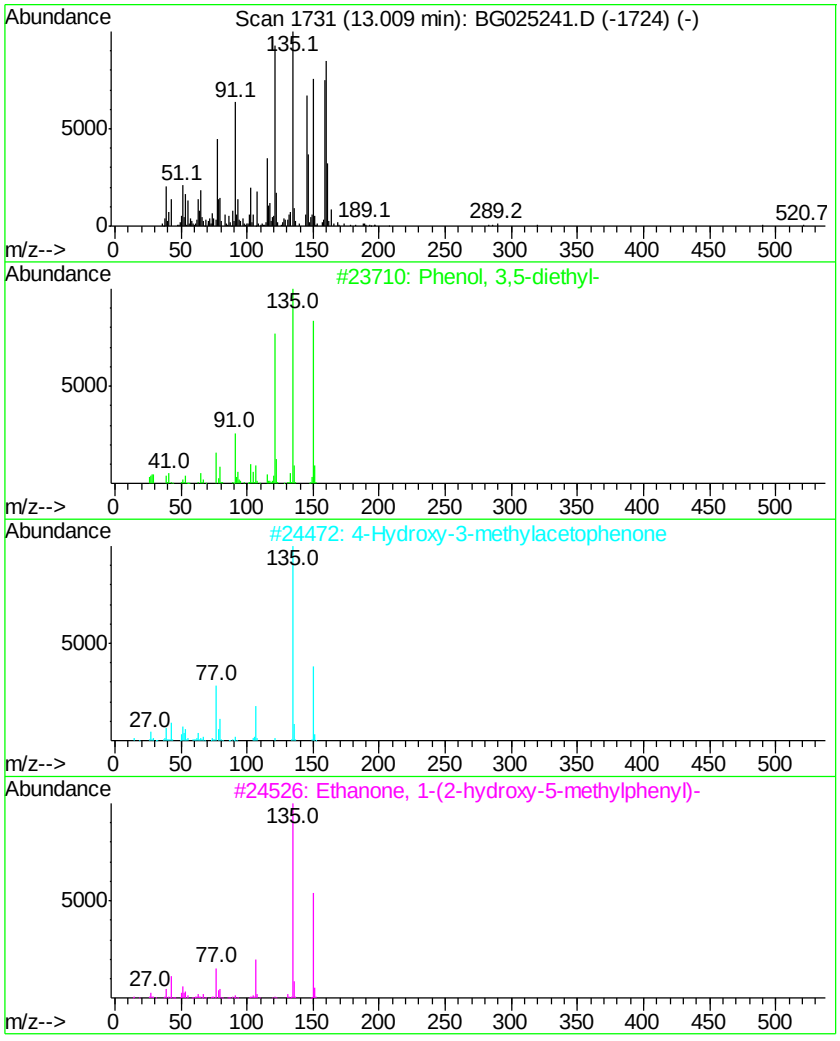
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

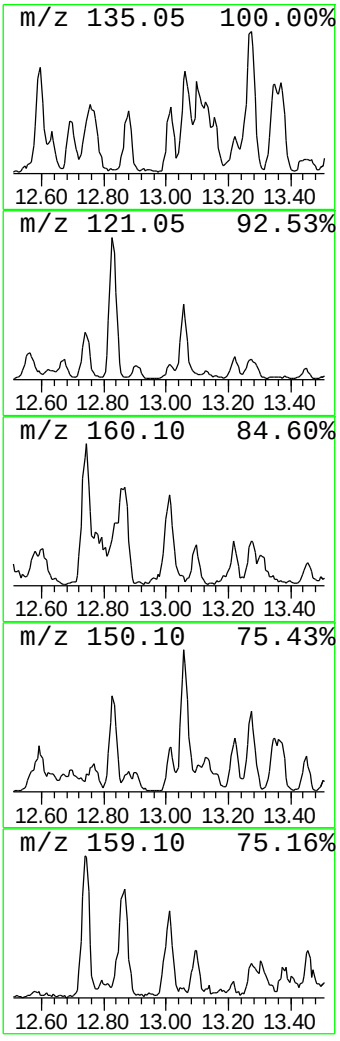
****

Peak Number 23 Phenol, 3,5-diethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.74 ng/ul	630346	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	70
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	38
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	35
4	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	35
5	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	30





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

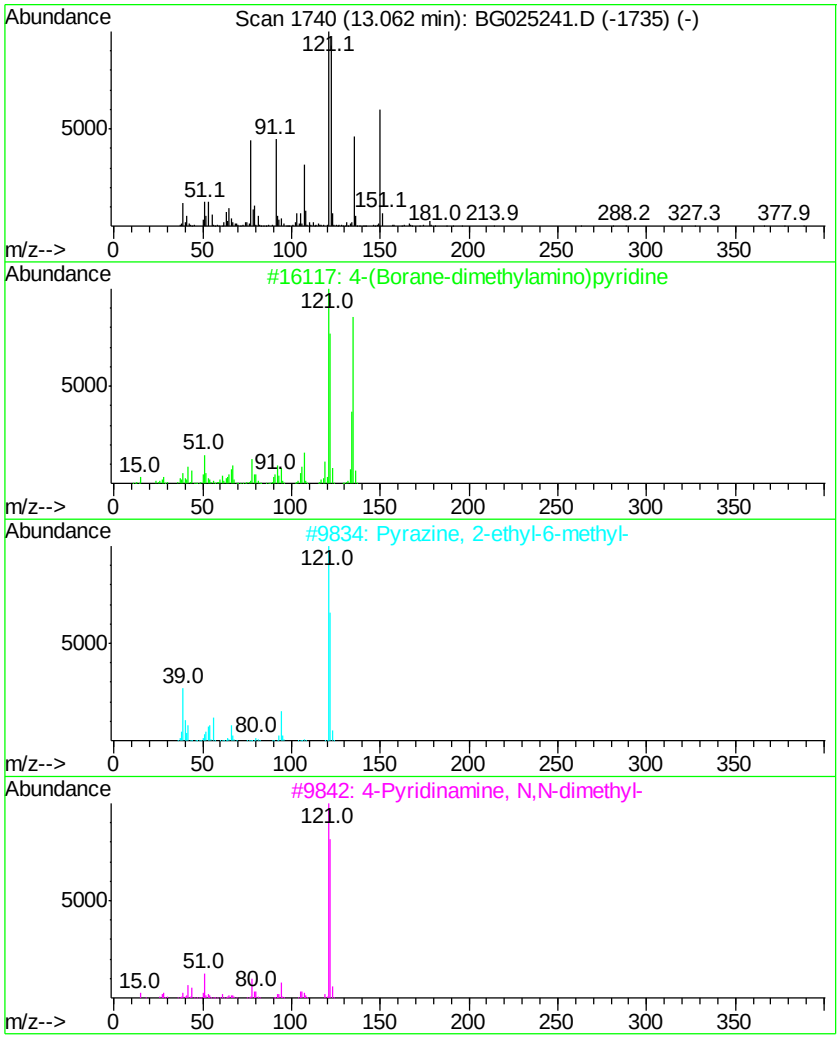
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

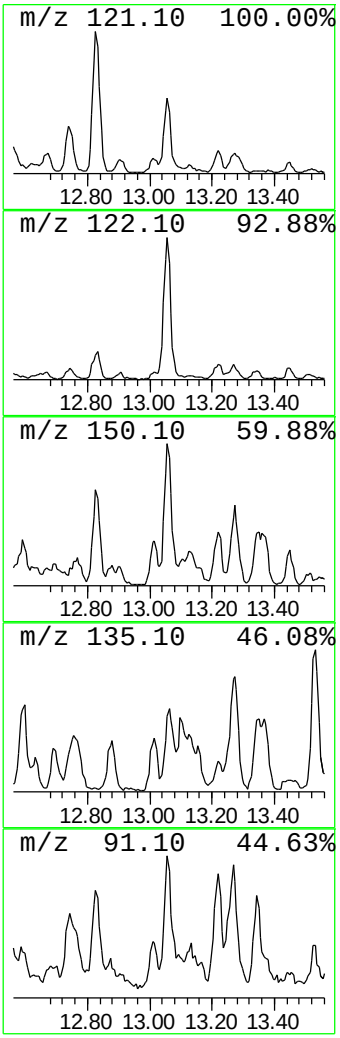
****

Peak Number 24 4-(Borane-dimethylamino)pyr... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	10.26 ng/ul	1127120	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Borane-dimethylamino)pyridine	136	C7H13BN2	001769-74-0	50
2	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	43
3	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	43
4	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	43
5	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	38





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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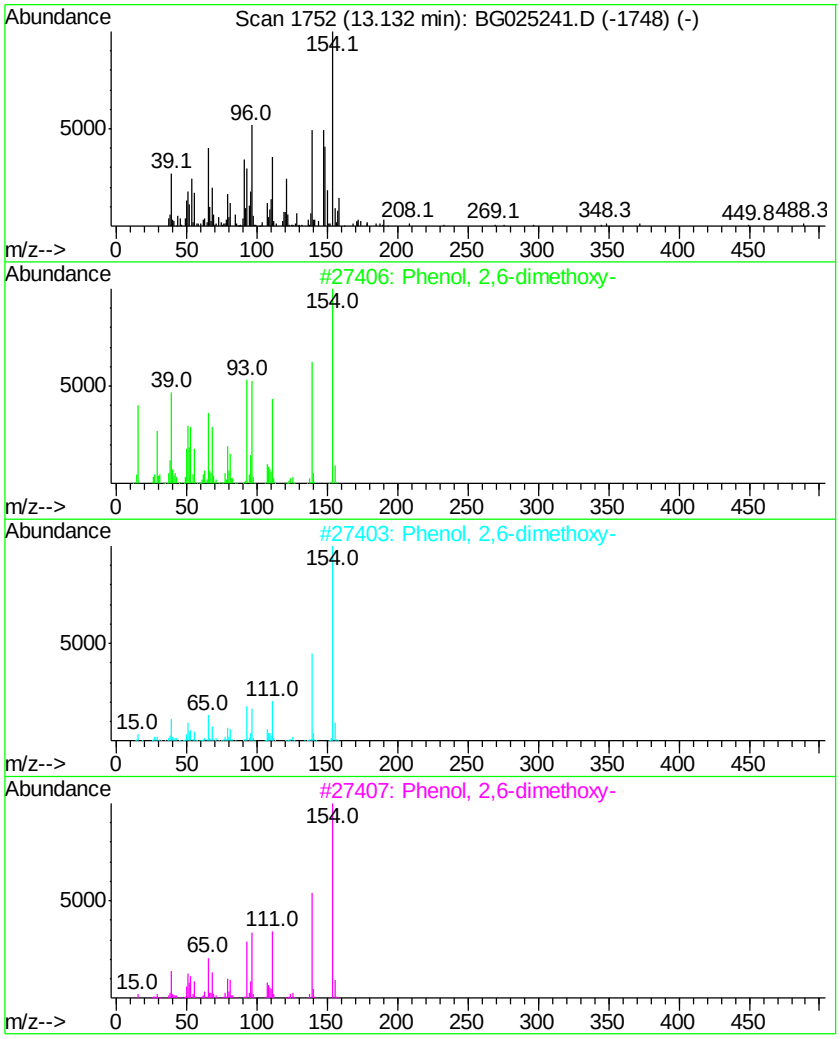
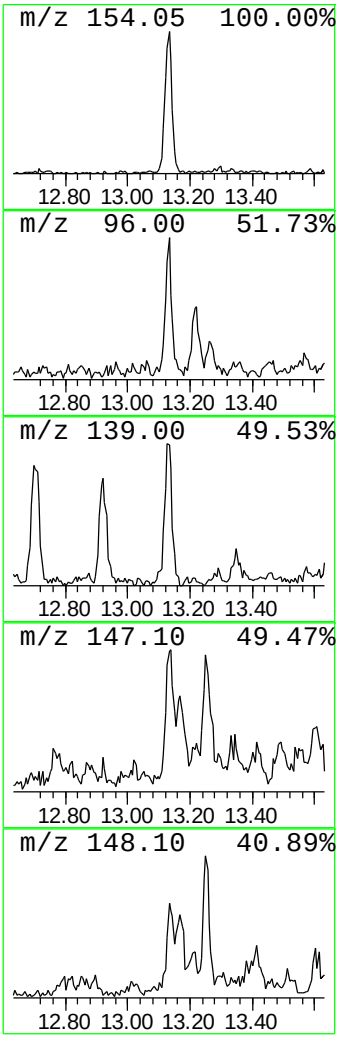
Peak Number 25 Phenol, 2,6-dimethoxy- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.29 ng/ul	691260	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	96
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	64
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	64
4	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	49
5	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	46





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

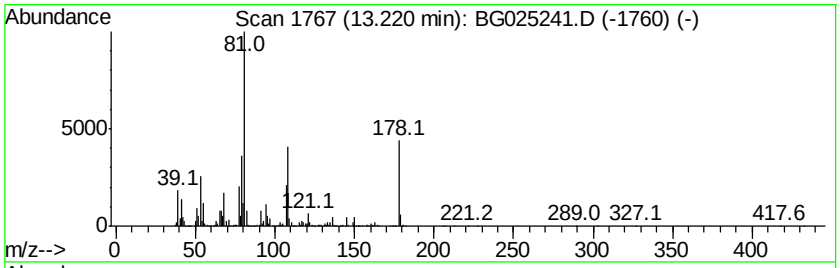
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

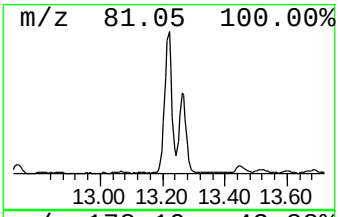
****

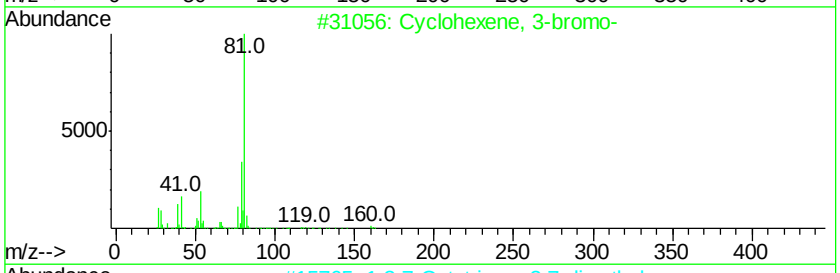
Peak Number 26 unknown-01 Concentration Rank 10

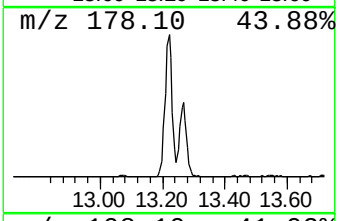
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	48.34 ng/ul	5310620	Acenaphthene-d10	14.86

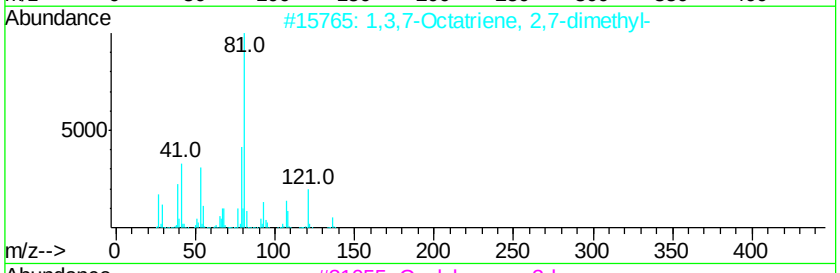
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	43
2	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	43
3	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	38
4	Bicyclo[2.1.0]pentane-5-carboxyl...	154	C9H14O2	074810-55-2	38
5	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	38

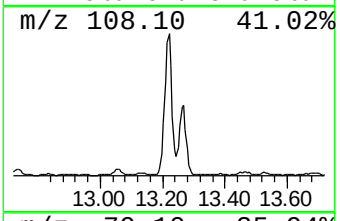


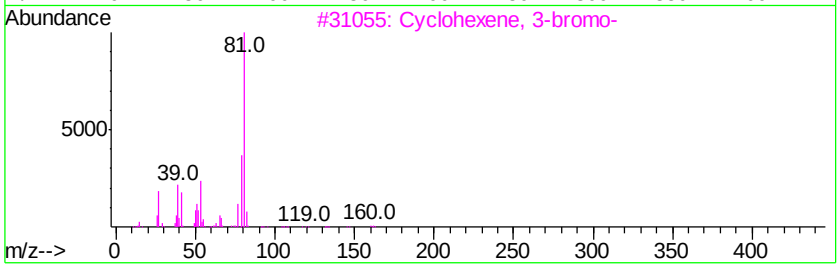


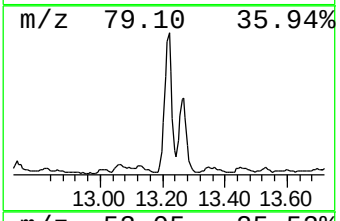


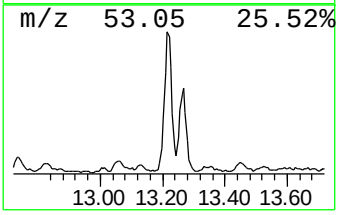












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

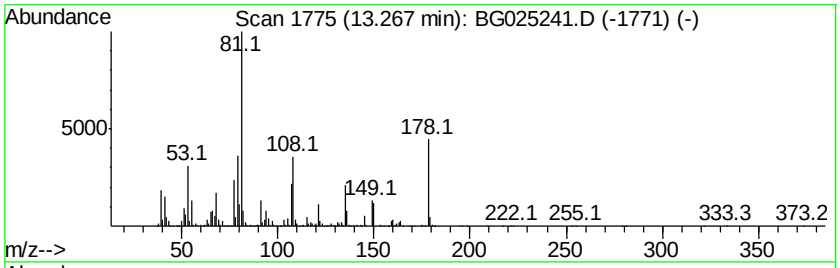
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

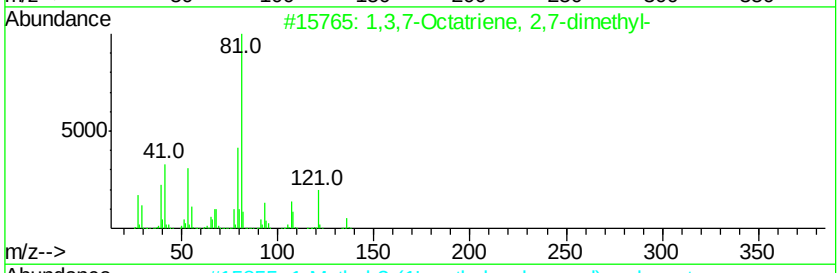
****

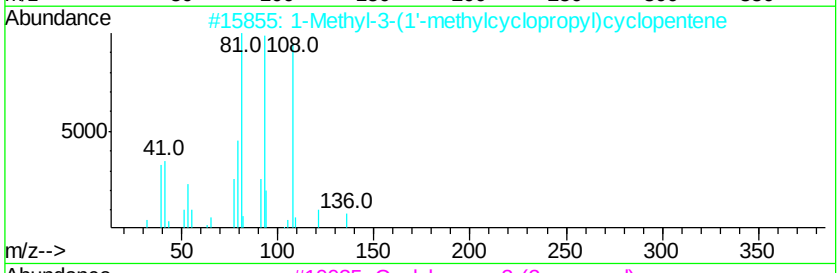
Peak Number 27 unknown-02 Concentration Rank 17

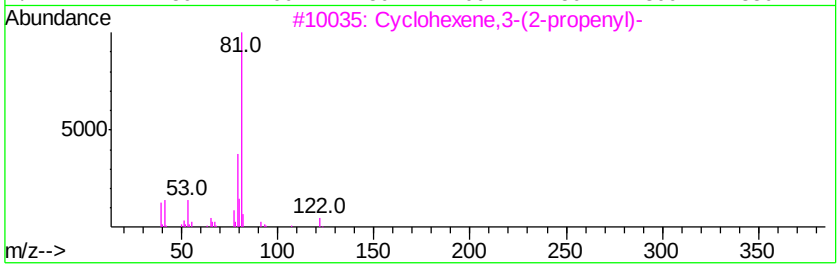
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	29.06 ng/ul	3192010	Acenaphthene-d10	14.86

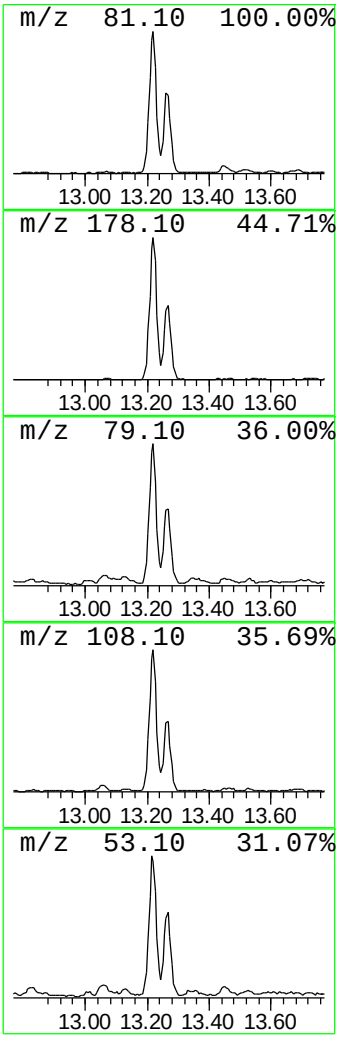
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	43
2	1-Methyl-3-(1'-methylcyclopropyl...	136	C10H16	103240-53-5	38
3	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	38
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	35
5	1,3-Butadiene, 2-(bromomethyl)-3...	160	C6H9Br	074793-41-2	35











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

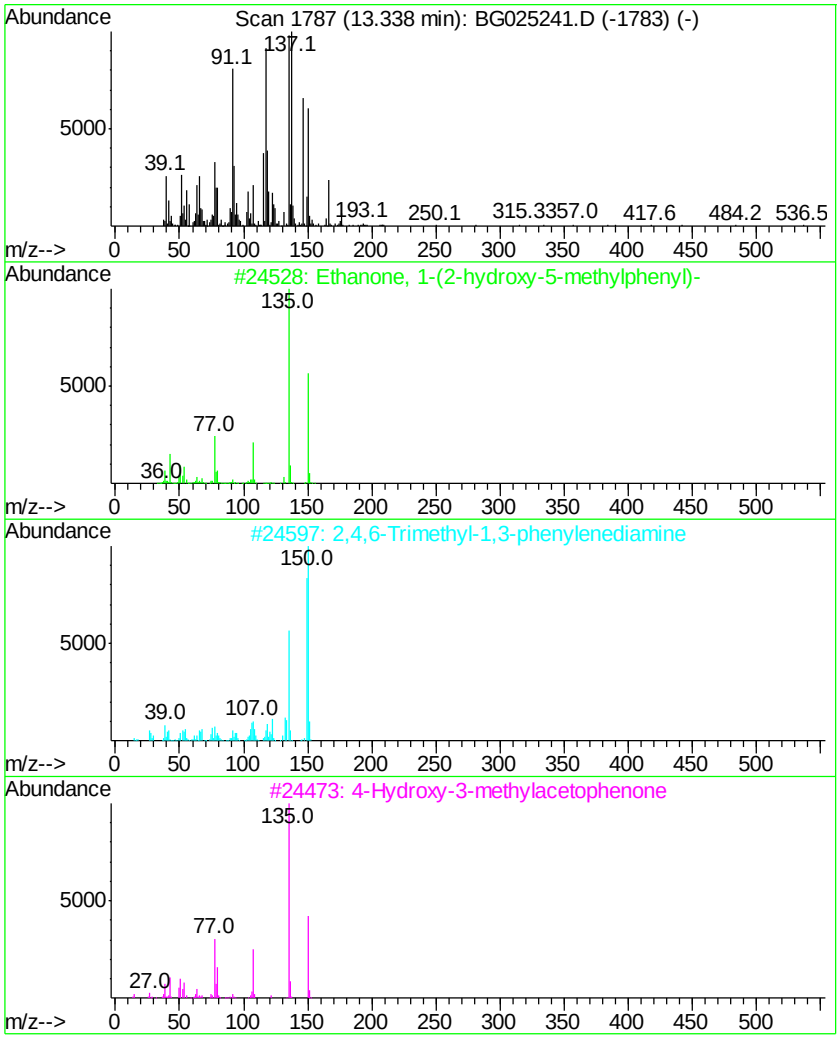
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

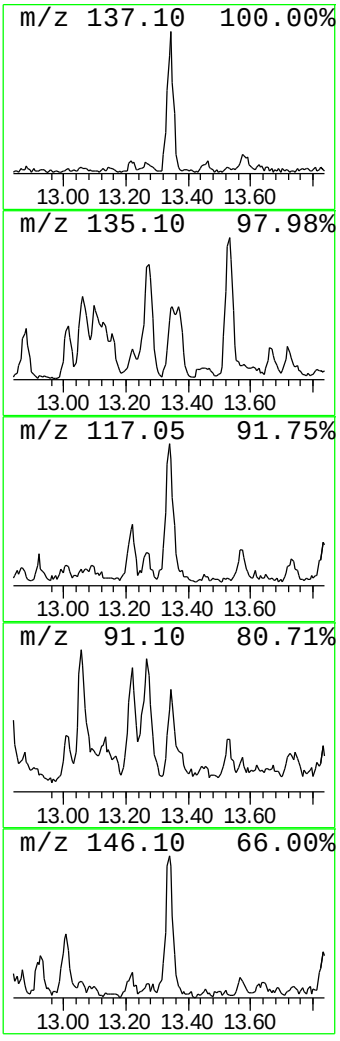
****

Peak Number 28 unknown-03 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	10.82 ng/ul	1188300	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	38
2	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	38
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	38
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	38
5	Benzamide, 2-methyl-	135	C8H9NO	000527-85-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

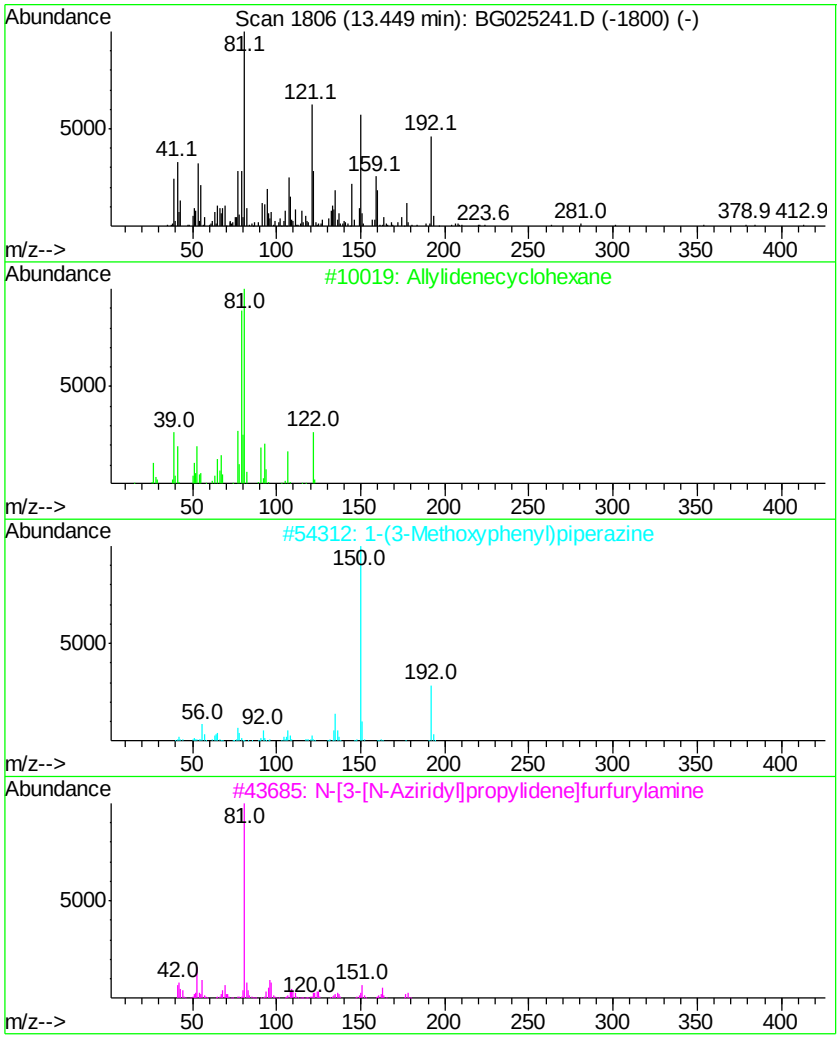
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

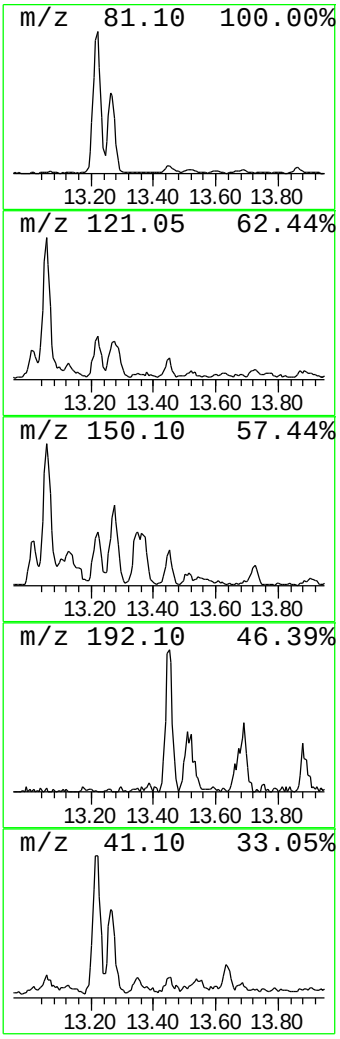
****

Peak Number 29 unknown-04 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	5.07 ng/ul	557184	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allylidenecyclohexane	122	C9H14	005664-10-8	27
2	1-(3-Methoxyphenyl)piperazine	192	C11H16N2O	1000334-85-3	18
3	N-[3-[N-Aziridyl]propylidene]fur...	178	C10H14N2O	1000257-03-3	18
4	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	15
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	14





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

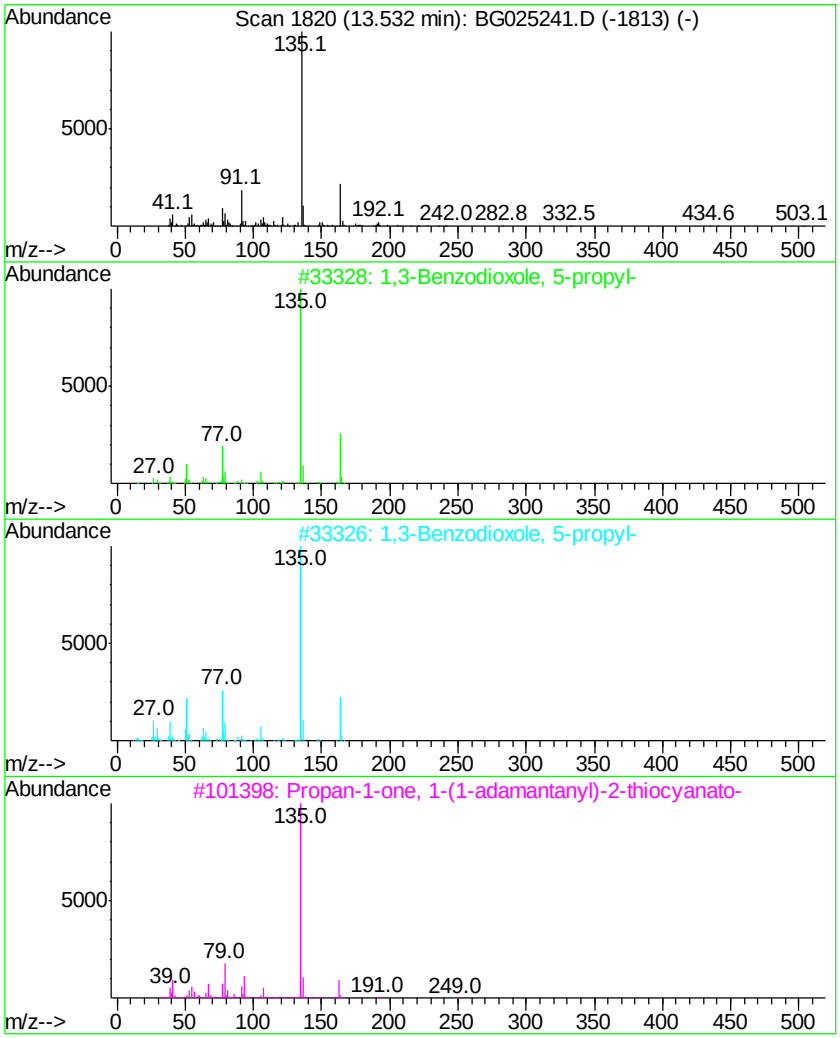
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

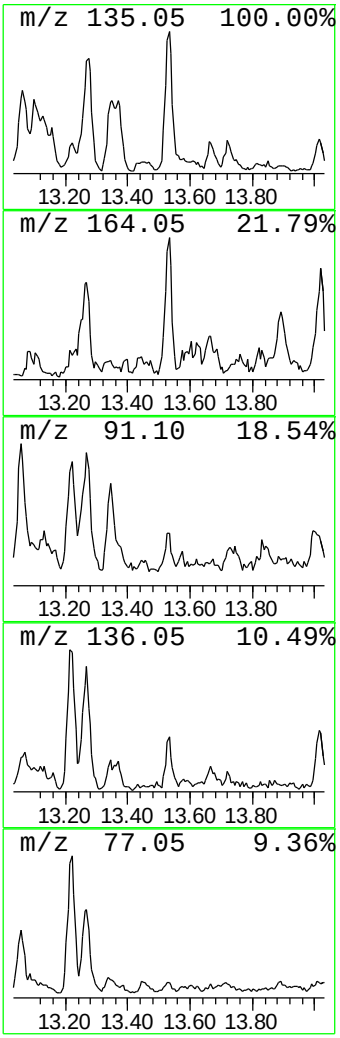
****

Peak Number 30 1,3-Benzodioxole, 5-propyl- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.91 ng/ul	430051	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole, 5-propyl-	164	C10H12O2	000094-58-6	64
2	1,3-Benzodioxole, 5-propyl-	164	C10H12O2	000094-58-6	64
3	Propan-1-one, 1-(1-adamantanyl)-...	249	C14H19NOS	313231-18-4	59
4	Adamantane-1-carboxylic acid, (2...	332	C23H24O2	294876-57-6	59
5	1-Isobutyladamantane	192	C14H24	027364-16-5	58





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

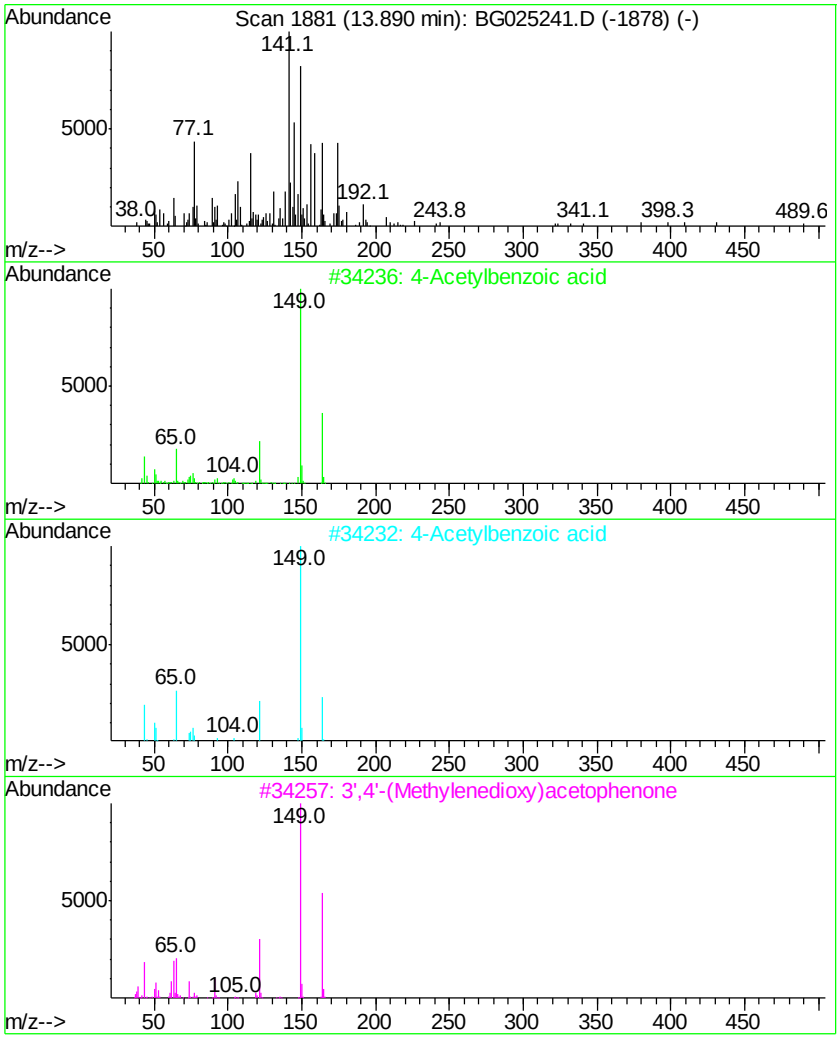
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

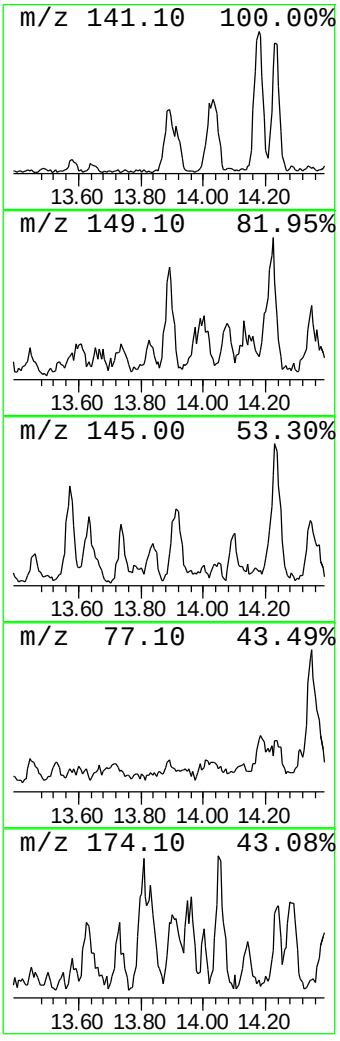
****

Peak Number 31 unknown-05 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.59 ng/ul	614446	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetylbenzoic acid	164	C9H8O3	000586-89-0	18
2	4-Acetylbenzoic acid	164	C9H8O3	000586-89-0	18
3	3',4'-(Methylenedioxy)acetophenone	164	C9H8O3	003162-29-6	18
4	3',4'-(Methylenedioxy)acetophenone	164	C9H8O3	003162-29-6	18
5	3',4'-(Methylenedioxy)acetophenone	164	C9H8O3	003162-29-6	14





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

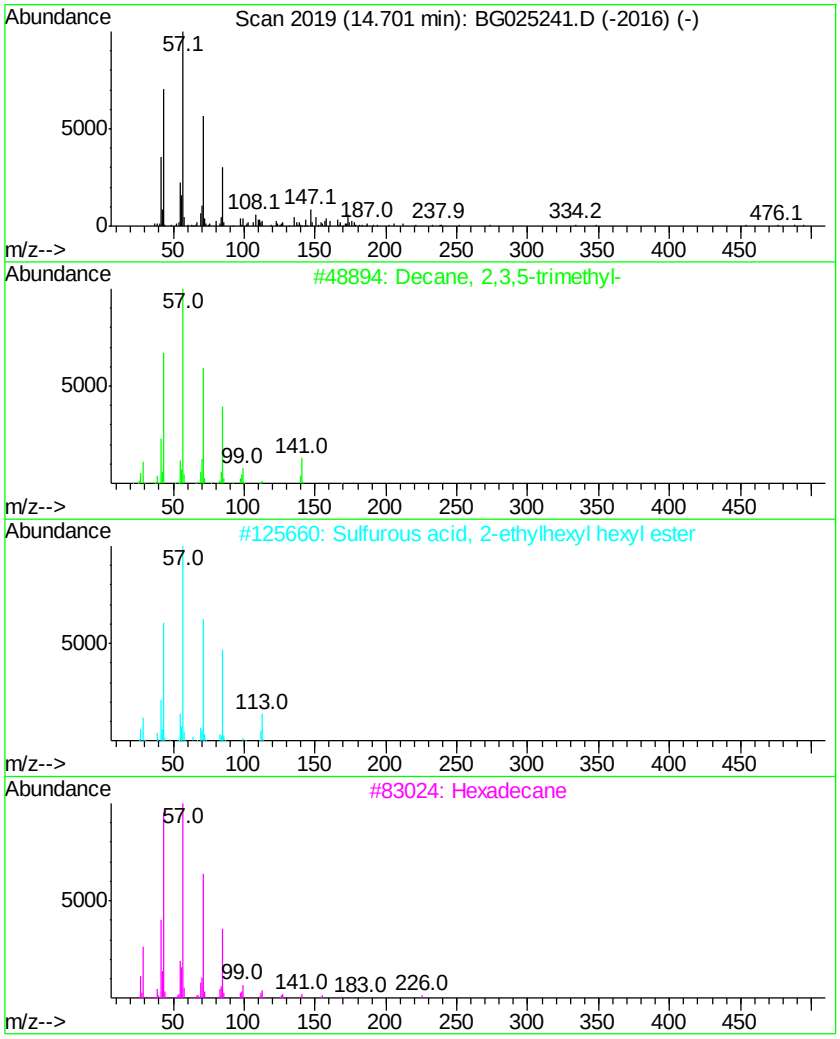
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

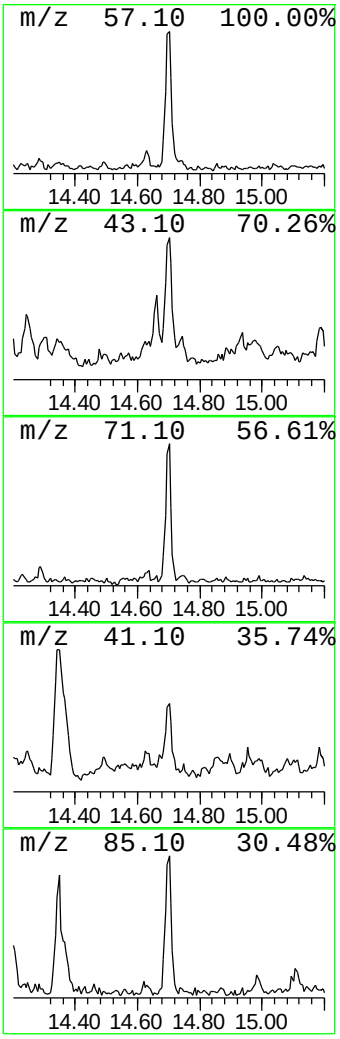
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.77 ng/ul	633663	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
3	Hexadecane	226	C16H34	000544-76-3	53
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	53
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53





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Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

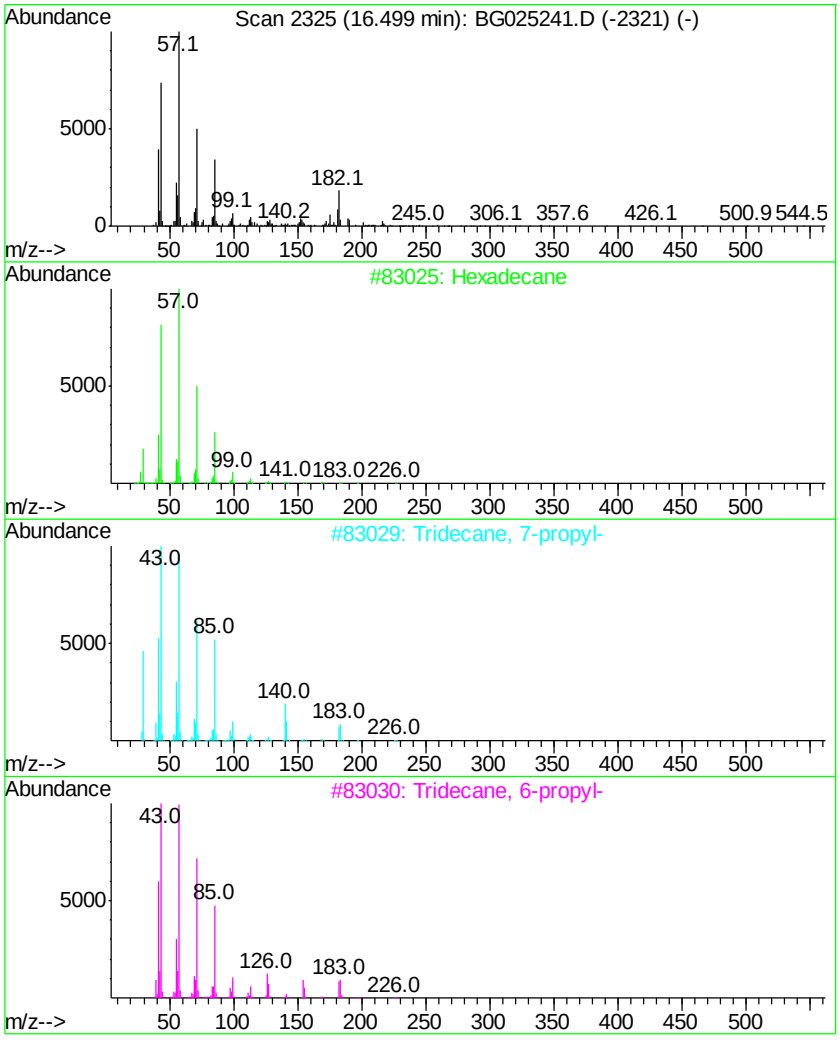
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

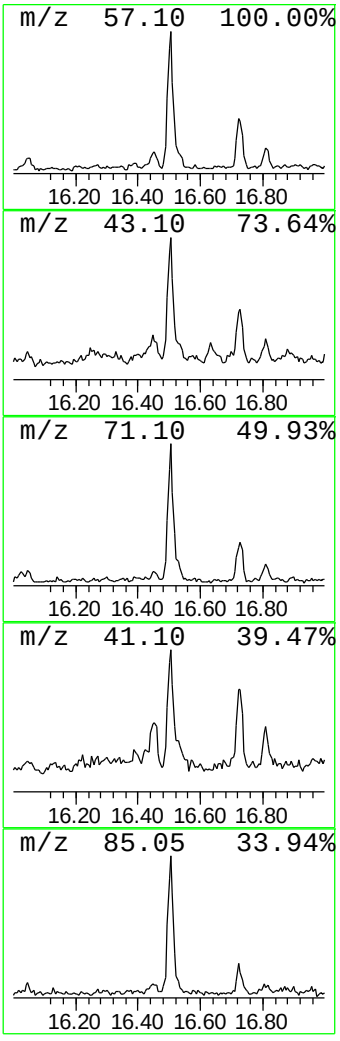
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	14.66 ng/ul	879628	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	70
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	55
4	Octadecane	254	C18H38	000593-45-3	50
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	49





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

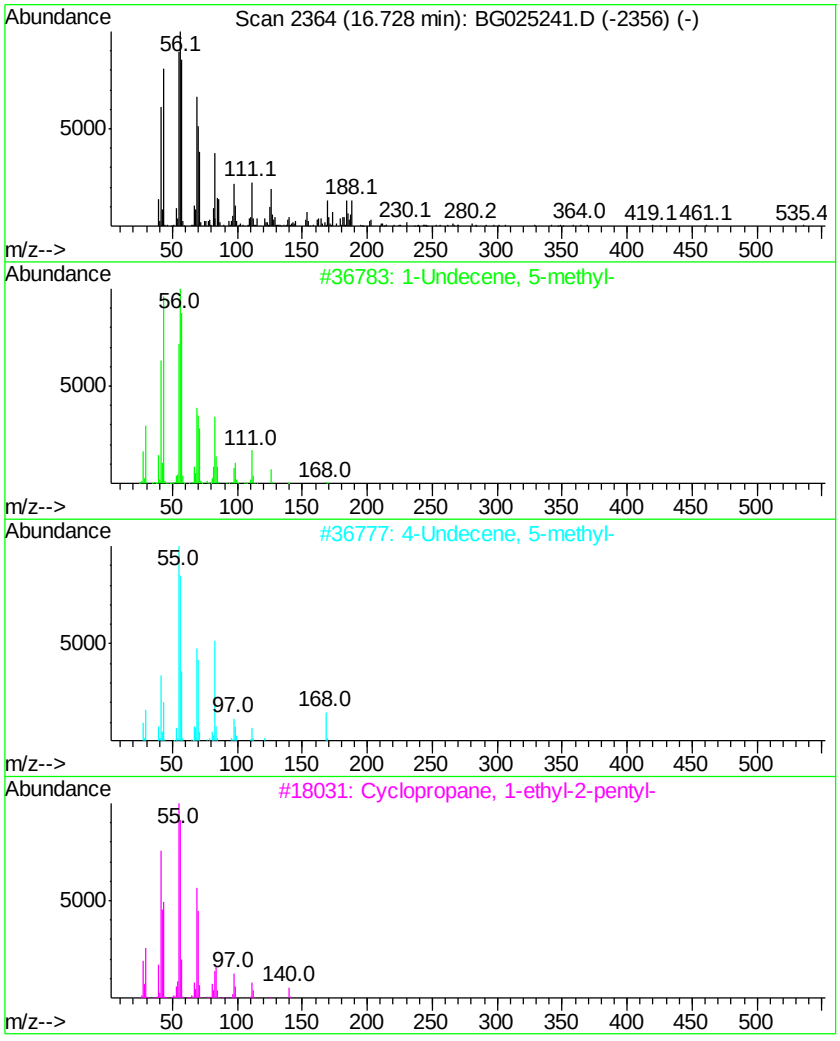
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

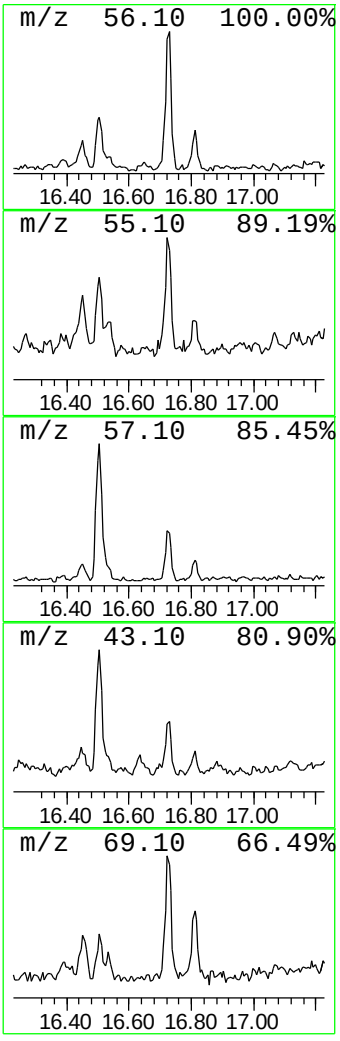
****

Peak Number 45 (DEL) Alkane: Cyclic16.73 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	15.04 ng/ul	901991	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	64
2	4-Undecene, 5-methyl-	168	C12H24	020634-43-9	49
3	Cyclopropane, 1-ethyl-2-pentyl-	140	C10H20	062238-08-8	49
4	1-Decene	140	C10H20	000872-05-9	49
5	Cyclopropane, 1-hexyl-2-methyl-	140	C10H20	062238-09-9	46





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

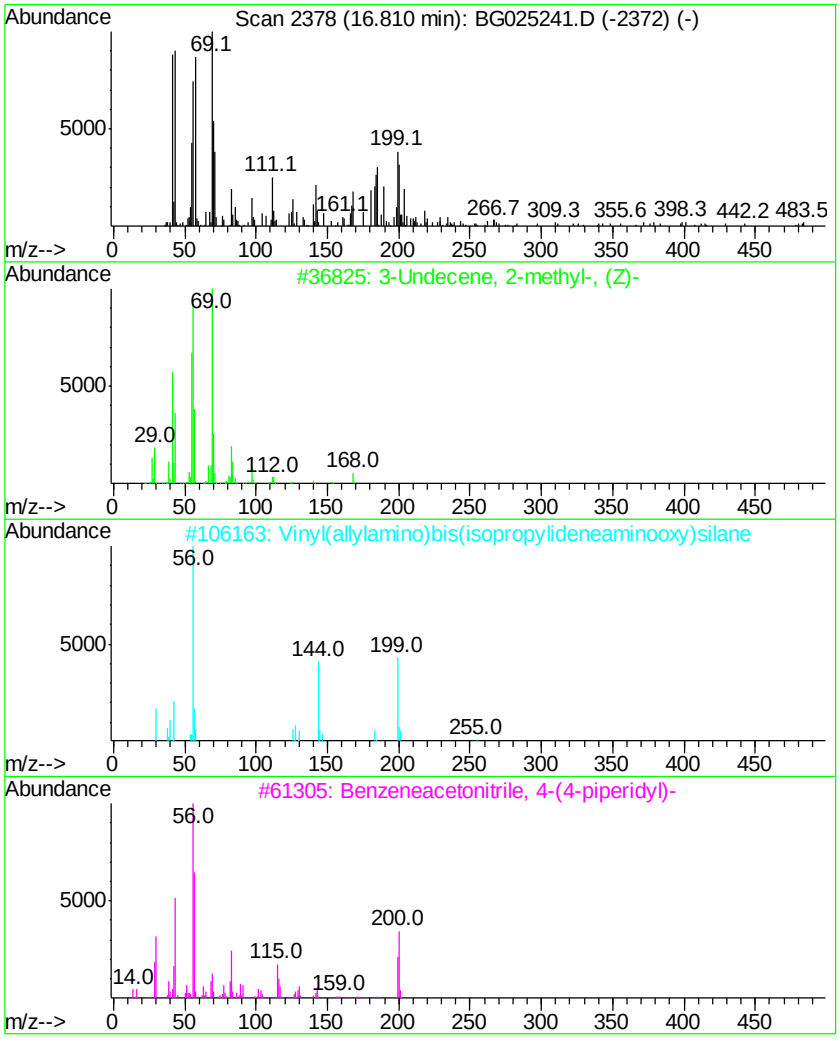
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

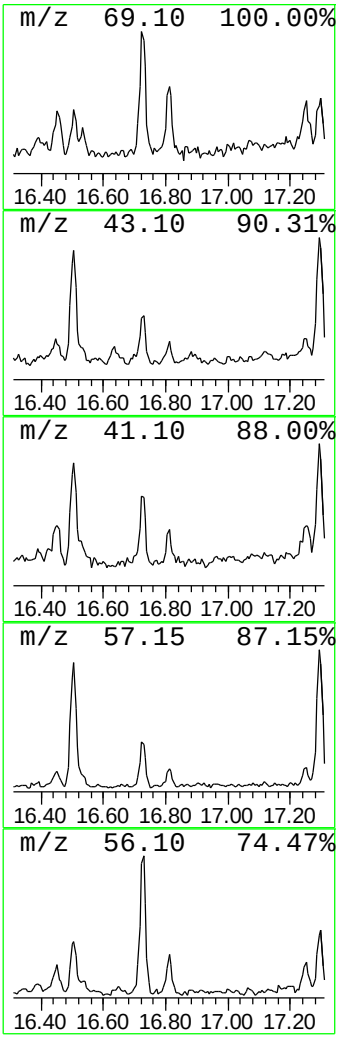
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic16.81 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	6.70 ng/ul	401875	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 2-methyl-, (Z)-	168	C12H24	074630-48-1	35
2	Vinyl(allylamino)bis(isopropylid...	255	C11H21N3O2Si	062025-27-8	30
3	Benzeneacetonitrile, 4-(4-piperi...	200	C13H16N2	1000115-51-3	25
4	2-Propenoic acid, 2-methyl-, 2,2...	200	C7H8F4O2	045102-52-1	14
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	14





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Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

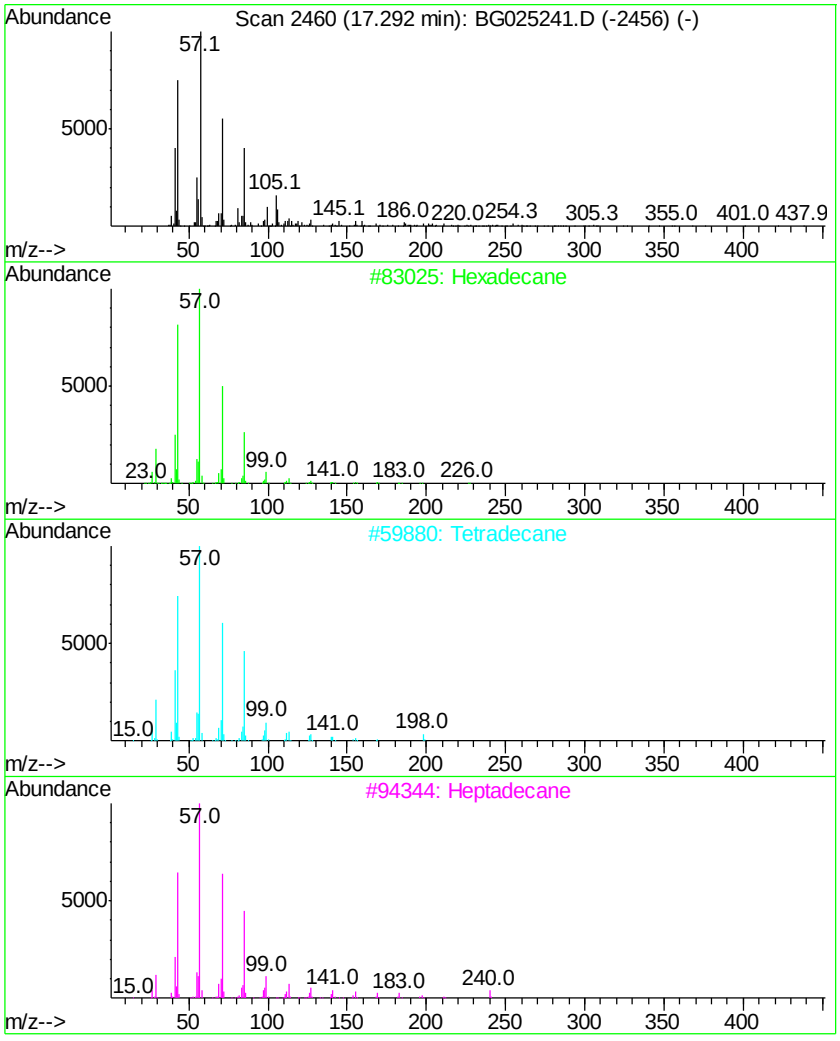
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

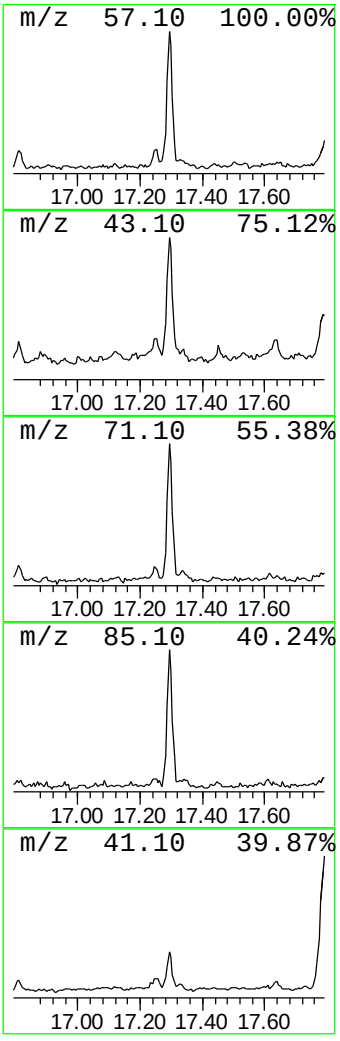
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	10.37 ng/ul	622364	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	94
3	Heptadecane	240	C17H36	000629-78-7	81
4	Hexadecane	226	C16H34	000544-76-3	74
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





Library Search Compound Report

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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

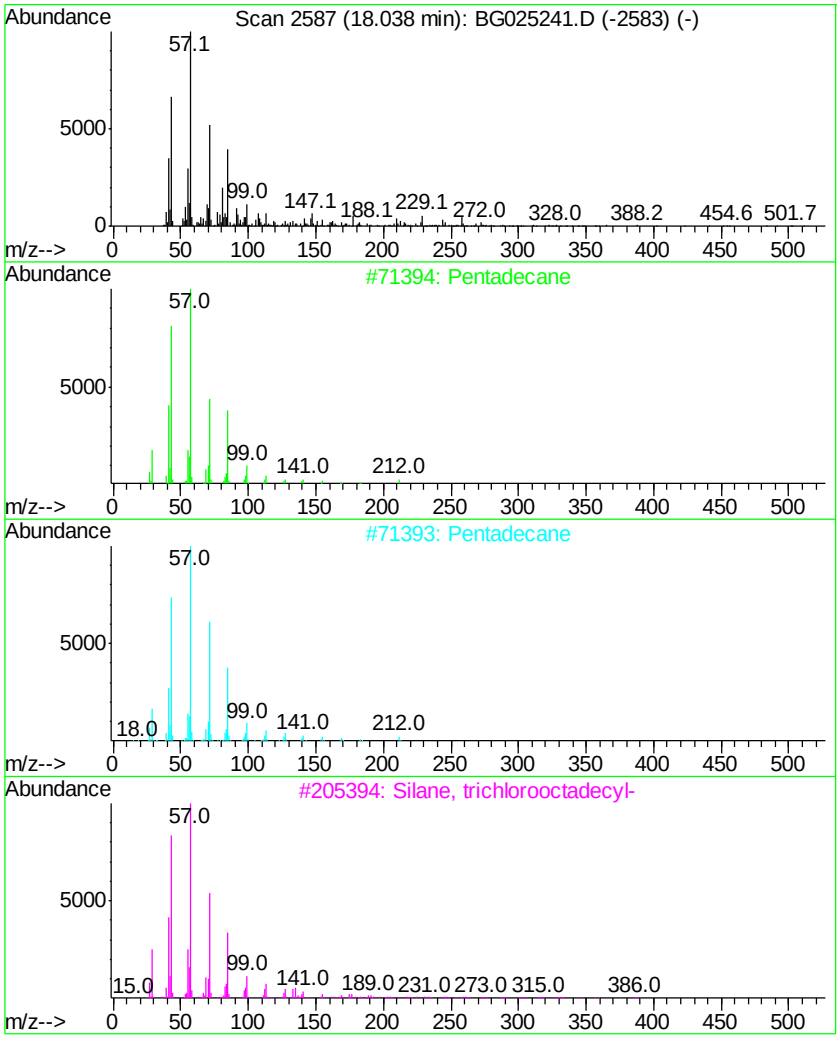
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

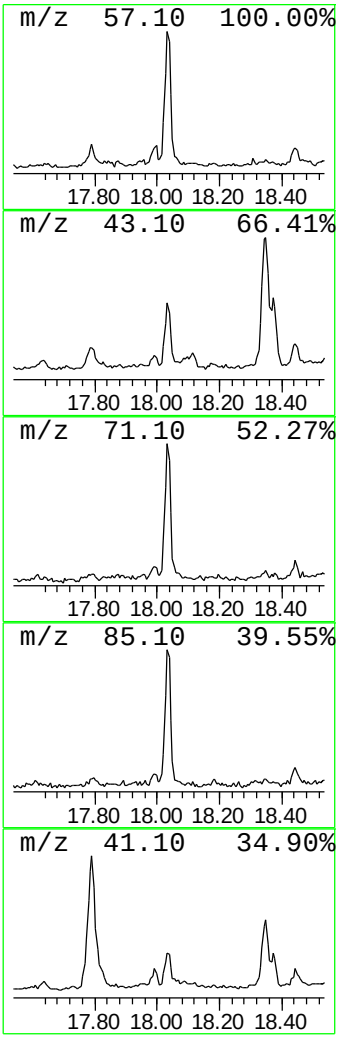
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	17.85 ng/ul	1070890	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Pentadecane	212	C15H32	000629-62-9	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

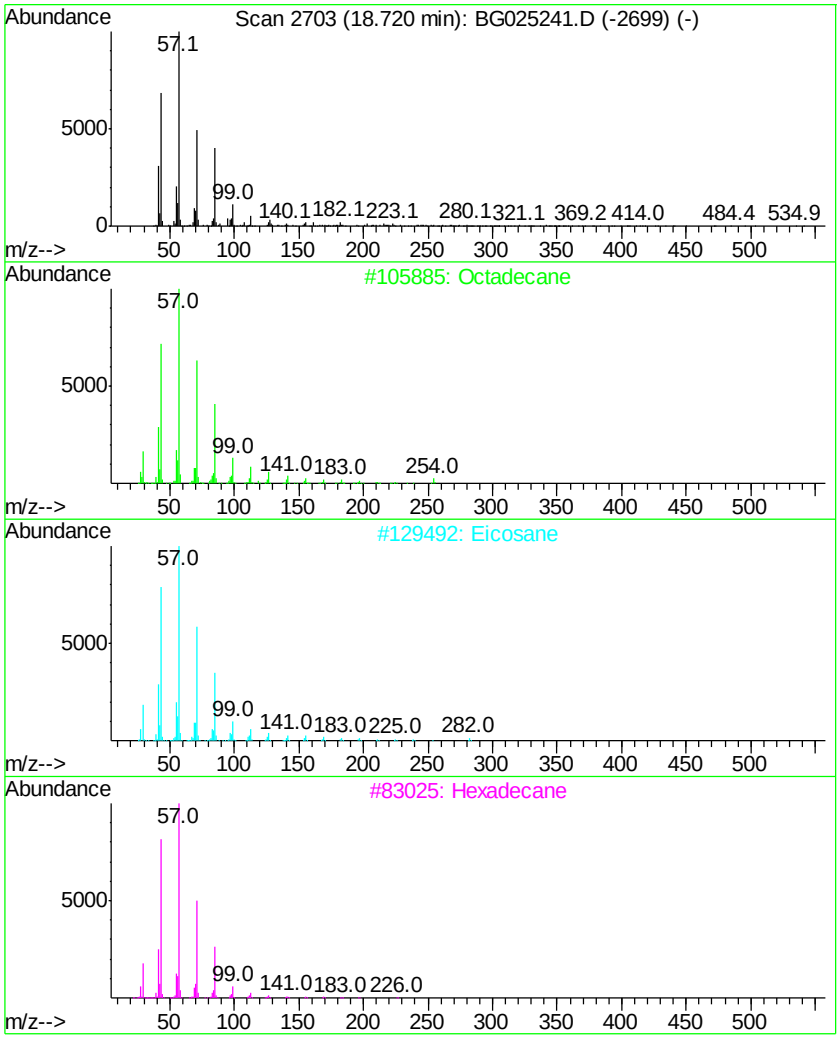
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

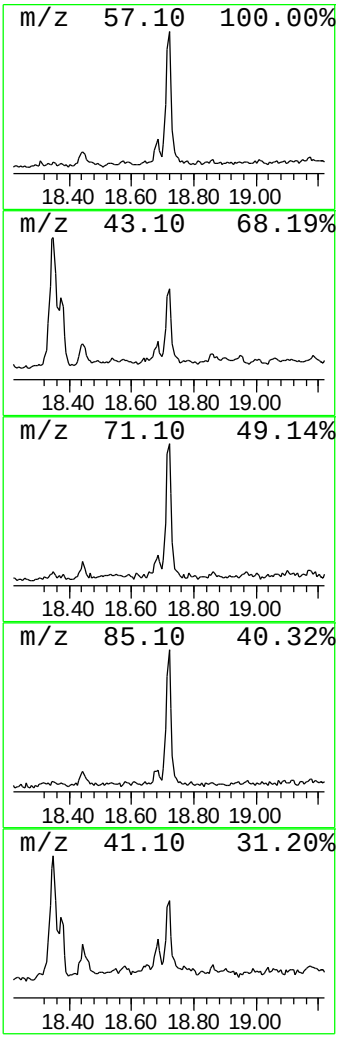
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	16.46 ng/ul	987441	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Octadecane	254	C18H38	000593-45-3	81
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	72





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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

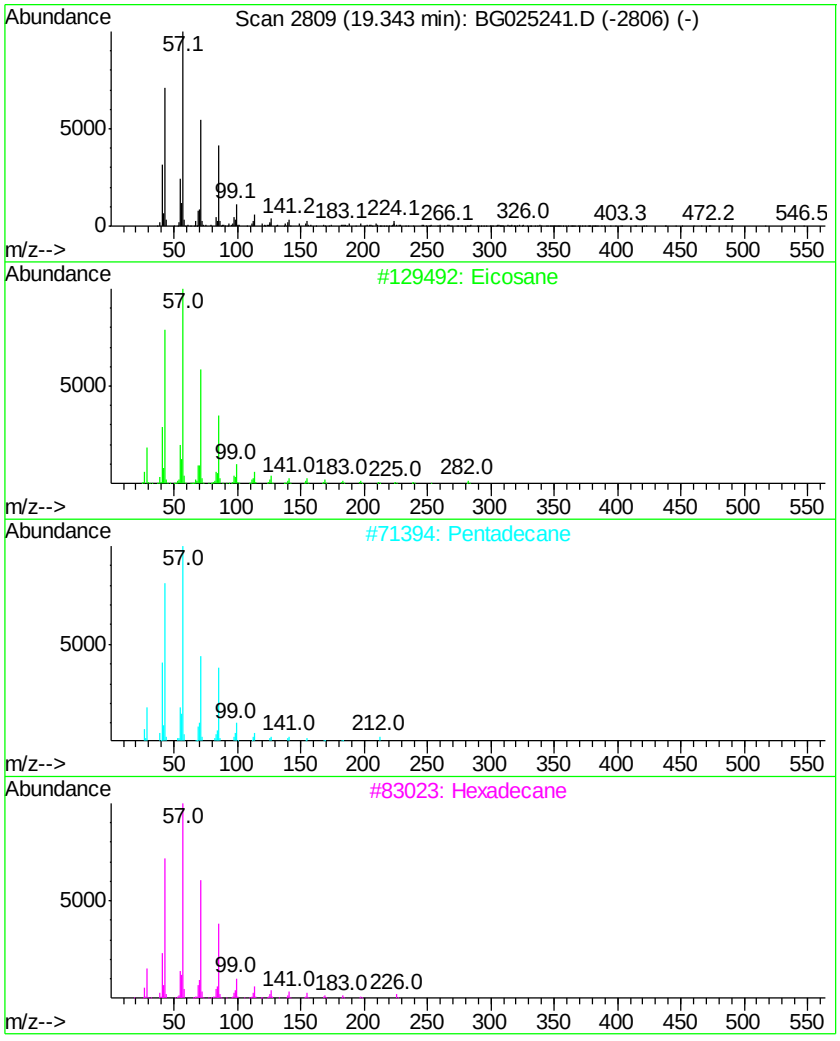
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

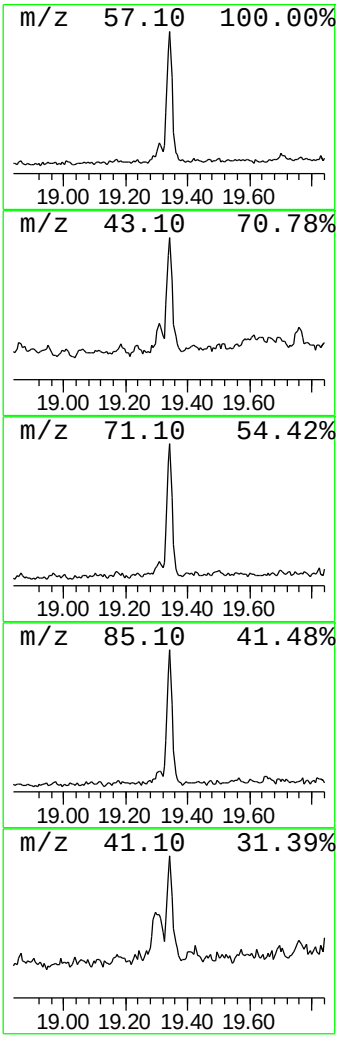
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	15.95 ng/ul	956518	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Boric acid, ethyl-, didecyl ester	354	C22H47BO2	1000152-34-4	80
5	Octadecane	254	C18H38	000593-45-3	80





Library Search Compound Report

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Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

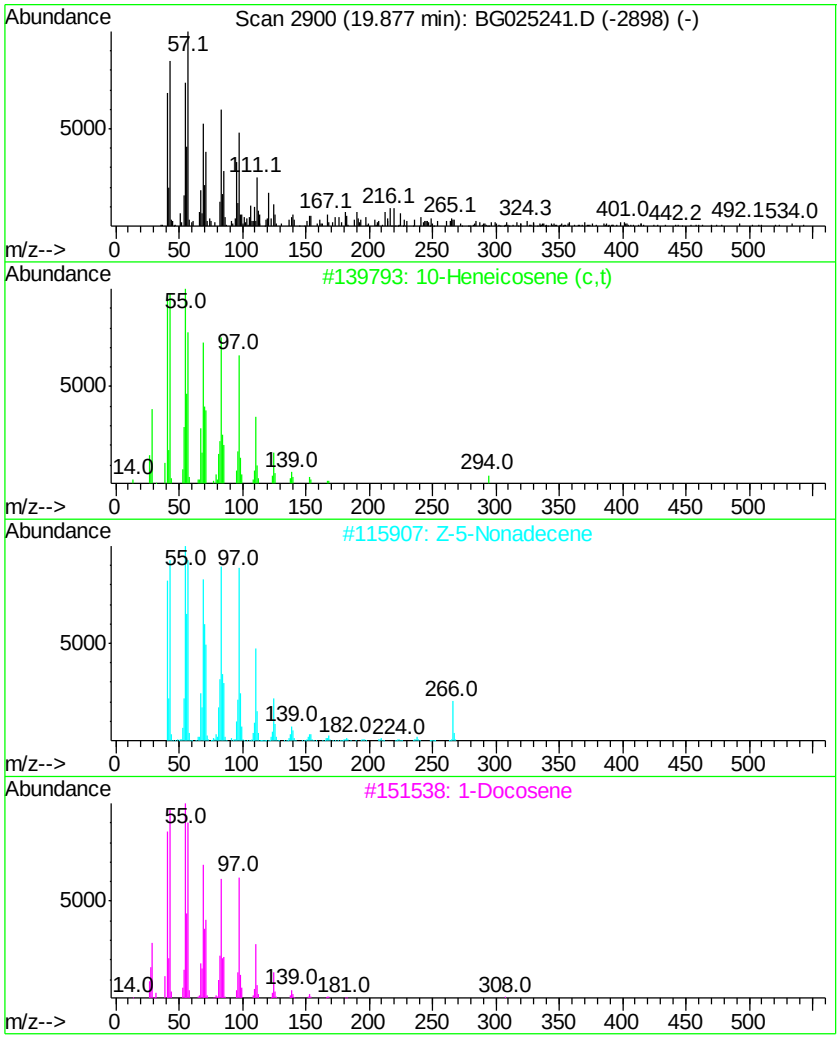
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

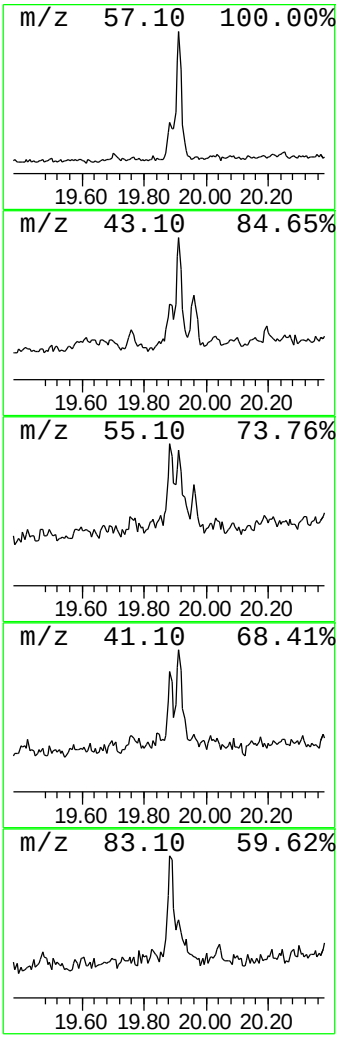
****

Peak Number 68 (DEL) Alkane: Cyclic19.88 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.29 ng/ul	487401	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
3	1-Docosene	308	C22H44	001599-67-3	90
4	1-Docosene	308	C22H44	001599-67-3	89
5	1-Docosene	308	C22H44	001599-67-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

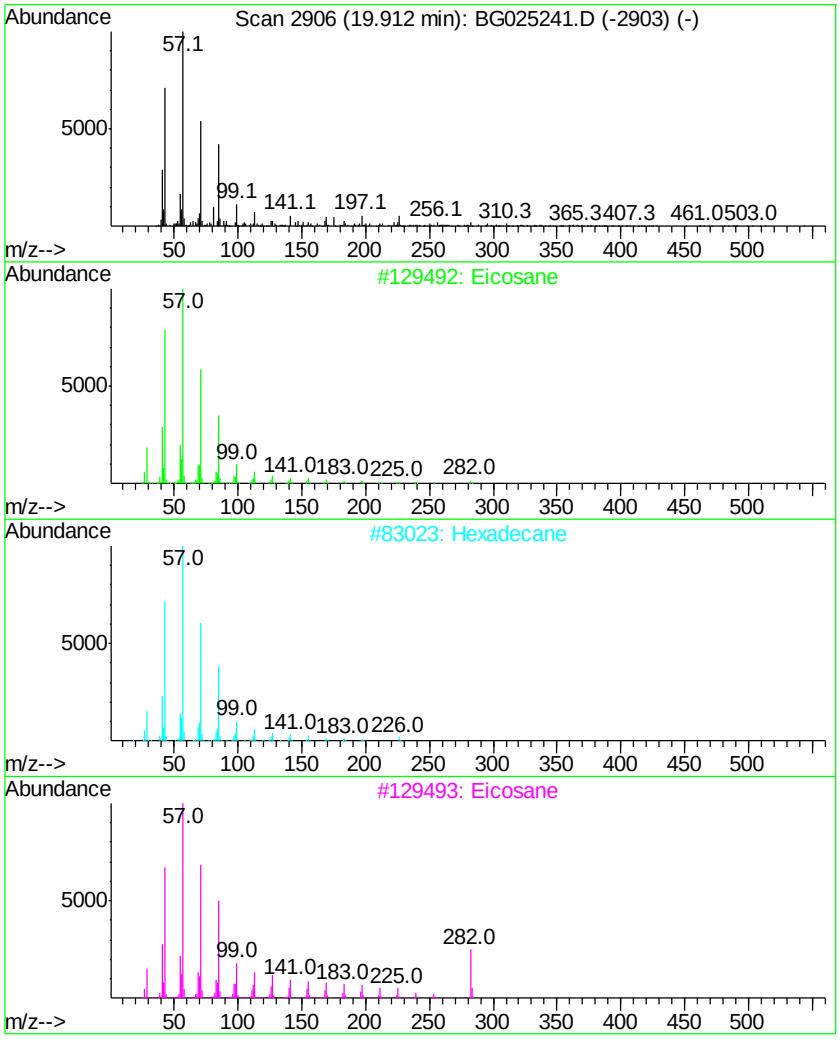
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

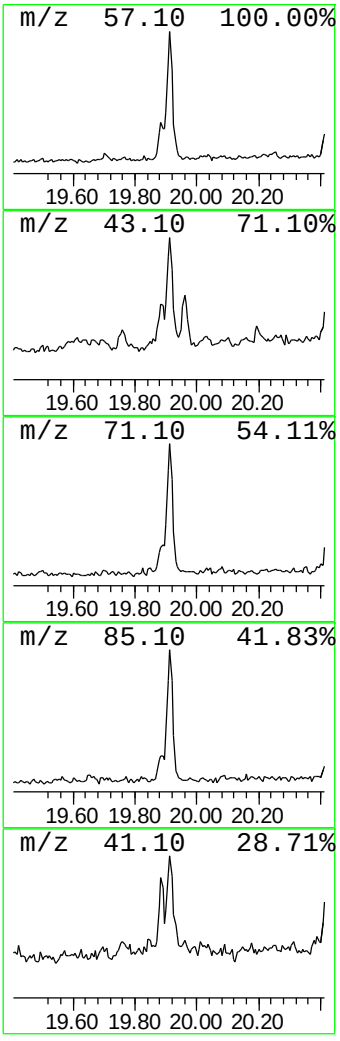
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	12.23 ng/ul	946637	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Docosane	310	C22H46	000629-97-0	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

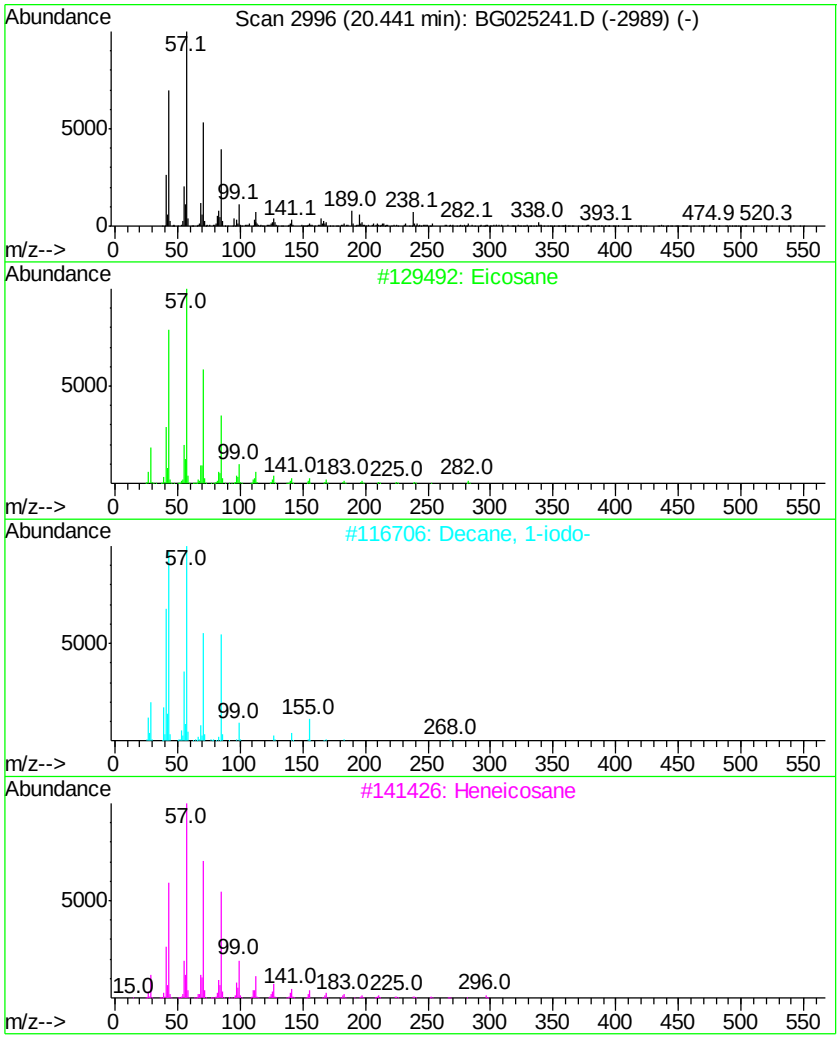
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

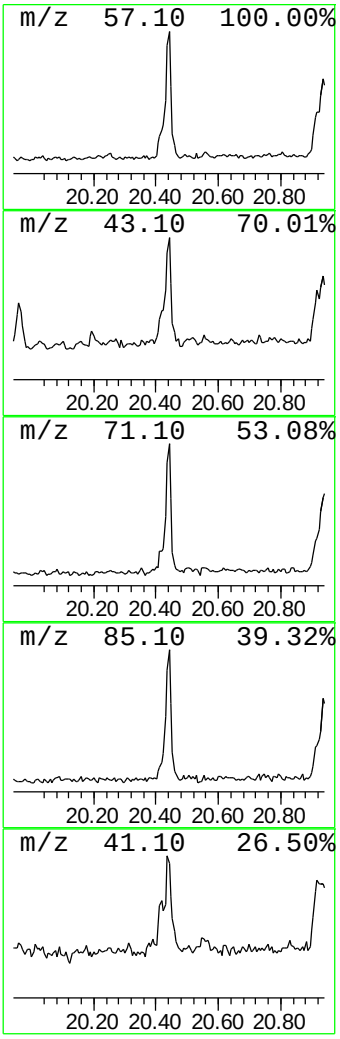
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	20.81 ng/ul	1611030	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	91
3	Heneicosane	296	C21H44	000629-94-7	89
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexadecane	226	C16H34	000544-76-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025241.D
Acq On : 16 Dec 2016 10:20
Operator : UM/SJ
Sample : H5995-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Cyclopenten-1-o...	8.88	10.5	ng/ul	332314	1	8.24	634877	20.0
Ethanone, 1-(1-cy...	9.35	11.5	ng/ul	366040	1	8.24	634877	20.0
Phenol, 2,6-dimet...	9.67	54.6	ng/ul	2160790	2	11.06	791319	20.0
Benzofuran, 2-met...	9.78	9.2	ng/ul	365544	2	11.06	791319	20.0
Phenol, 2-ethyl-	10.01	12.5	ng/ul	494446	2	11.06	791319	20.0
Phenol, 3,5-dimet...	10.54	87.3	ng/ul	3452170	2	11.06	791319	20.0
Phenol, 3-ethyl-	10.93	25.2	ng/ul	996555	2	11.06	791319	20.0
Phenol, 2-propyl-	11.32	21.8	ng/ul	862964	2	11.06	791319	20.0
Phenol, 2-ethyl-6...	11.42	32.8	ng/ul	1298500	2	11.06	791319	20.0
Phenol, 3-(1-meth...	11.50	12.7	ng/ul	504078	2	11.06	791319	20.0
Phenol, 2-(1-meth...	11.59	55.6	ng/ul	2199200	2	11.06	791319	20.0
Phenol, 2-ethyl-4...	11.88	85.9	ng/ul	3398440	2	11.06	791319	20.0
Phenol, 2,4,5-tri...	12.07	30.1	ng/ul	1189610	2	11.06	791319	20.0
Phenol, 2,3,6-tri...	12.13	35.6	ng/ul	1409330	2	11.06	791319	20.0
Benzene, 1,4-dime...	12.20	10.8	ng/ul	425558	2	11.06	791319	20.0
Phenol, 2-ethyl-4...	12.24	11.9	ng/ul	470426	2	11.06	791319	20.0
Phenol, p-tert-bu...	12.44	28.1	ng/ul	1112990	2	11.06	791319	20.0
Ethanone, 1-(2-hy...	12.59	27.6	ng/ul	1090680	2	11.06	791319	20.0
Phenol, 4-(1-meth...	12.83	34.8	ng/ul	1375010	2	11.06	791319	20.0
Naphthalene, 1-me...	12.92	16.8	ng/ul	665613	2	11.06	791319	20.0
Phenol, 3,5-diethyl-	13.01	5.7	ng/ul	630346	3	14.86	2197100	20.0
4-(Borane-dimethy...	13.06	10.3	ng/ul	1127120	3	14.86	2197100	20.0
Phenol, 2,6-dimet...	13.13	6.3	ng/ul	691260	3	14.86	2197100	20.0
unknown-01	13.22	48.3	ng/ul	5310620	3	14.86	2197100	20.0
unknown-02	13.27	29.1	ng/ul	3192010	3	14.86	2197100	20.0
unknown-03	13.34	10.8	ng/ul	1188300	3	14.86	2197100	20.0
unknown-04	13.45	5.1	ng/ul	557184	3	14.86	2197100	20.0
1,3-Benzodioxole,...	13.53	3.9	ng/ul	430051	3	14.86	2197100	20.0
unknown-05	13.89	5.6	ng/ul	614446	3	14.86	2197100	20.0
(DEL) Alkane: Str...	14.70	5.8	ng/ul	633663	3	14.86	2197100	20.0
(DEL) Alkane: Str...	16.50	14.7	ng/ul	879628	4	17.60	1199770	20.0
(DEL) Alkane: Cyc...	16.73	15.0	ng/ul	901991	4	17.60	1199770	20.0
(DEL) Alkane: Cyc...	16.81	6.7	ng/ul	401875	4	17.60	1199770	20.0
(DEL) Alkane: Str...	17.29	10.4	ng/ul	622364	4	17.60	1199770	20.0
(DEL) Alkane: Str...	18.04	17.9	ng/ul	1070890	4	17.60	1199770	20.0
(DEL) Alkane: Str...	18.72	16.5	ng/ul	987441	4	17.60	1199770	20.0
(DEL) Alkane: Str...	19.34	15.9	ng/ul	956518	4	17.60	1199770	20.0
(DEL) Alkane: Cyc...	19.88	6.3	ng/ul	487401	5	21.90	1548640	20.0
(DEL) Alkane: Str...	19.91	12.2	ng/ul	946637	5	21.90	1548640	20.0
(DEL) Alkane: Str...	20.44	20.8	ng/ul	1611030	5	21.90	1548640	20.0