LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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	3.237	63	68	75	rVB7	14308	28724	0.97%	0.072%
2	3.601	123	130	142	rVB4	108319	199292	6.73%	0.500%
3	4.348	253	257	264	rBV5	10549	22753	0.77%	0.057%
4	5.299	412	419	425	rVV3	17100	30953	1.05%	0.078%
5	6.886	678	689	697	rBV2	60308	103327	3.49%	0.259%
6	7.156	730	735	739	rBV5	16538	32382	1.09%	0.081%
7	7.203	740	743	751	rVB8	9825	17980	0.61%	0.045%
8	7.385	765	774	790	rBV	364882	717517	24.23%	1.802%
9	7.550	792	802	813	rBV	241522	430256	14.53%	1.080%
10	7.655	813	820	828	rVB2	157261	296817	10.02%	0.745%
11	7.761	828	838	854	rVB	325774	616817	20.83%	1.549%
12	8.114	893	898	905	rVB4	32099	55536	1.88%	0.139%
13	8.237	911	919	934	rBV	363292	650188	21.95%	1.633%
14	8.361	934	940	945	rVB6	10122	16288	0.55%	0.041%
15	8.437	945	953	958	rBV6	22396	43976	1.48%	0.110%
16	8.496	958	963	974	rVB5	22970	52742	1.78%	0.132%
17	8.883	1022	1029	1032	rBV8	5963	12516	0.42%	0.031%
18	8.942	1032	1039	1055	rVV	445400	863286	29.15%	2.168%
19	9.066	1055	1060	1069	rVB5	11791	24124	0.81%	0.061%
20	9.342	1100	1107	1112	rBV5	22575	45524	1.54%	0.114%
21	9.412	1112	1119	1129	rVV	369643	688278	23.24%	1.728%
22	9.489	1129	1132	1137	rBV3	11559	14855	0.50%	0.037%
23	9.794	1178	1184	1188	rBV5	7518	13455	0.45%	0.034%
24	10.141	1233	1243	1256	rBV2	355840	678609	22.91%	1.704%
25	10.229	1256	1258	1264	rVB7	6458	11595	0.39%	0.029%
26	10.335	1272	1276	1282	rVB8	6500	13789	0.47%	0.035%
27	10.681	1326	1335	1348	rVV2	483929	937703	31.66%	2.355%
28	10.952	1370	1381	1385	rBV10	6991	20981	0.71%	0.053%
29	11.063	1392	1400	1414	rBV	539944	1055115	35.63%	2.650%
30	11.204	1414	1424	1435	rBV2	183754	395069	13.34%	0.992%
31	11.410	1454	1459	1465	rBV8	7570	15427	0.52%	0.039%
32	11.592	1484	1490	1495	rBV7	6978	14814	0.50%	0.037%
33	11.874	1536	1538	1544	rVB6	9624	17621	0.59%	0.044%
34	12.209	1589	1595	1601	rVB6	14924	26274	0.89%	0.066%

LSC Area Percent Report

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Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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	12.491	1641	1643	1649	rVB5	7477	13374	0.45%	0.034%
36	12.556	1649	1654	1656	rBV5	8631	11689	0.39%	0.029%
37	12.632	1661	1667	1673	rBV9	13009	27446	0.93%	0.069%
38	12.732	1675	1684	1691	rBV9	29415	63758	2.15%	0.160%
39	12.849	1697	1704	1711	rBV9	11839	35835	1.21%	0.090%
40	12.920	1711	1716	1721	rVB7	15549	28539	0.96%	0.072%
41	13.114	1745	1749	1756	rBV10	16038	31131	1.05%	0.078%
42	13.202	1759	1764	1773	rVB10	26750	52908	1.79%	0.133%
43	13.343	1782	1788	1793	rVB7	13021	27507	0.93%	0.069%
44	13.443	1801	1805	1812	rVB10	14344	28435	0.96%	0.071%
45	13.578	1822	1828	1835	rBV4	89155	173899	5.87%	0.437%
46	13.637	1836	1838	1845	rVB7	19900	29077	0.98%	0.073%
47	13.713	1845	1851	1858	rBV3	98474	160461	5.42%	0.403%
48	13.842	1867	1873	1878	rBV9	13130	34641	1.17%	0.087%
49	14.036	1896	1906	1914	rBV9	15521	41549	1.40%	0.104%
50	14.118	1914	1920	1924	rBV8	15421	31406	1.06%	0.079%
51	14.171	1924	1929	1932	rBV7	34449	67211	2.27%	0.169%
52	14.248	1936	1942	1946	rBV	990005	1472561	49.72%	3.698%
53	14.295	1946	1950	1965	rVB	539519	808034	27.28%	2.029%
54	14.430	1969	1973	1984	rVB	17847	42783	1.44%	0.107%
55	14.553	1987	1994	2004	rVB	922888	1562406	52.76%	3.923%
56	14.630	2004	2007	2011	rVV6	13731	21229	0.72%	0.053%
57	14.671	2011	2014	2016	rVV4	27443	34306	1.16%	0.086%
58	14.700	2016	2019	2025	rVB4	35596	48195	1.63%	0.121%
59	14.794	2029	2035	2040	rBV7	57756	112536	3.80%	0.283%
60	14.859	2040	2046	2064	rVB	952906	1711350	57.79%	4.297%
61	14.982	2064	2067	2074	rVB3	36358	61223	2.07%	0.154%
62	15.064	2074	2081	2085	rBV	396727	707616	23.89%	1.777%
63	15.106	2086	2088	2098	rVB4	180225	282650	9.54%	0.710%
64	15.188	2098	2102	2104	rBV4	32337	44670	1.51%	0.112%
65	15.323	2120	2125	2128	rBV7	14531	19873	0.67%	0.050%
66	15.511	2155	2157	2161	rBV4	12388	15775	0.53%	0.040%
67	15.611	2169	2174	2176	rBV6	26632	39798	1.34%	0.100%
68	15.646	2176	2180	2185	rVB2	59089	82297	2.78%	0.207%
69	15.705	2185	2190	2197	rBV3	109318	188443	6.36%	0.473%
70	15.775	2197	2202	2205	rVV	45974	65128	2.20%	0.164%
71	15.846	2206	2214	2227	rVB	1278882	2098118	70.84%	5.269%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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
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Peak separation: 1

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

72	15.969	2228	2235	2244	rBV	518101	795509	26.86%	1.998%
73	16.052	2245	2249	2252	rBV6	20510	30890	1.04%	0.078%
74	16.292	2284	2290	2303	rVB6	74937	178960	6.04%	0.449%
75	16.504	2321	2326	2331	rBV	103255	179911	6.07%	0.452%
76	16.610	2338	2344	2349	rBV3	130249	235673	7.96%	0.592%
77	16.874	2385	2389	2397	rVB8	40979	83353	2.81%	0.209%
78	17.021	2410	2414	2416	rBV5	21172	28693	0.97%	0.072%
79	17.127	2427	2432	2436	rBV6	34465	63014	2.13%	0.158%
80	17.297	2456	2461	2472	rVB	91980	165019	5.57%	0.414%
81	17.444	2481	2486	2492	rBV10	31676	66054	2.23%	0.166%
82	17.603	2505	2513	2523	rVB	1168261	1870934	63.17%	4.698%
83	17.703	2523	2530	2537	rBV2	1258288	2075834	70.09%	5.213%
84	18.032	2582	2586	2591	rBV2	71689	93535	3.16%	0.235%
85	18.437	2651	2655	2664	rBV2	263459	411171	13.88%	1.033%
86	18.766	2708	2711	2723	rVB6	168097	285709	9.65%	0.717%
87	19.001	2748	2751	2758	rVB3	73603	110215	3.72%	0.277%
88	19.301	2795	2802	2805	rBV7	138760	350553	11.84%	0.880%
89	19.976	2912	2917	2935	rVB	1668473	2961562	100.00%	7.437%
90	20.435	2993	2995	3008	rVB3	167349	256199	8.65%	0.643%
91	20.834	3061	3063	3074	rVB5	114141	196655	6.64%	0.494%
92	21.463	3166	3170	3181	rVB3	178771	346423	11.70%	0.870%
93	21.674	3203	3206	3209	rBV2	110855	134286	4.53%	0.337%
94	21.721	3209	3214	3220	rBV	1558968	2153300	72.71%	5.407%
95	21.898	3237	3244	3258	rVB	1274195	2385935	80.56%	5.991%
96	22.015	3259	3264	3267	rBV2	357316	606255	20.47%	1.522%
97	22.379	3321	3326	3329	rBV3	257027	495327	16.73%	1.244%
98	22.990	3425	3430	3439	rVB	265948	524772	17.72%	1.318%
99	25.082	3777	3786	3802	rVB2	795265	2271627	76.70%	5.704%
100	25.317	3817	3826	3839	rVB	658159	2022792	68.30%	5.080%

Sum of corrected areas: 39822600

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
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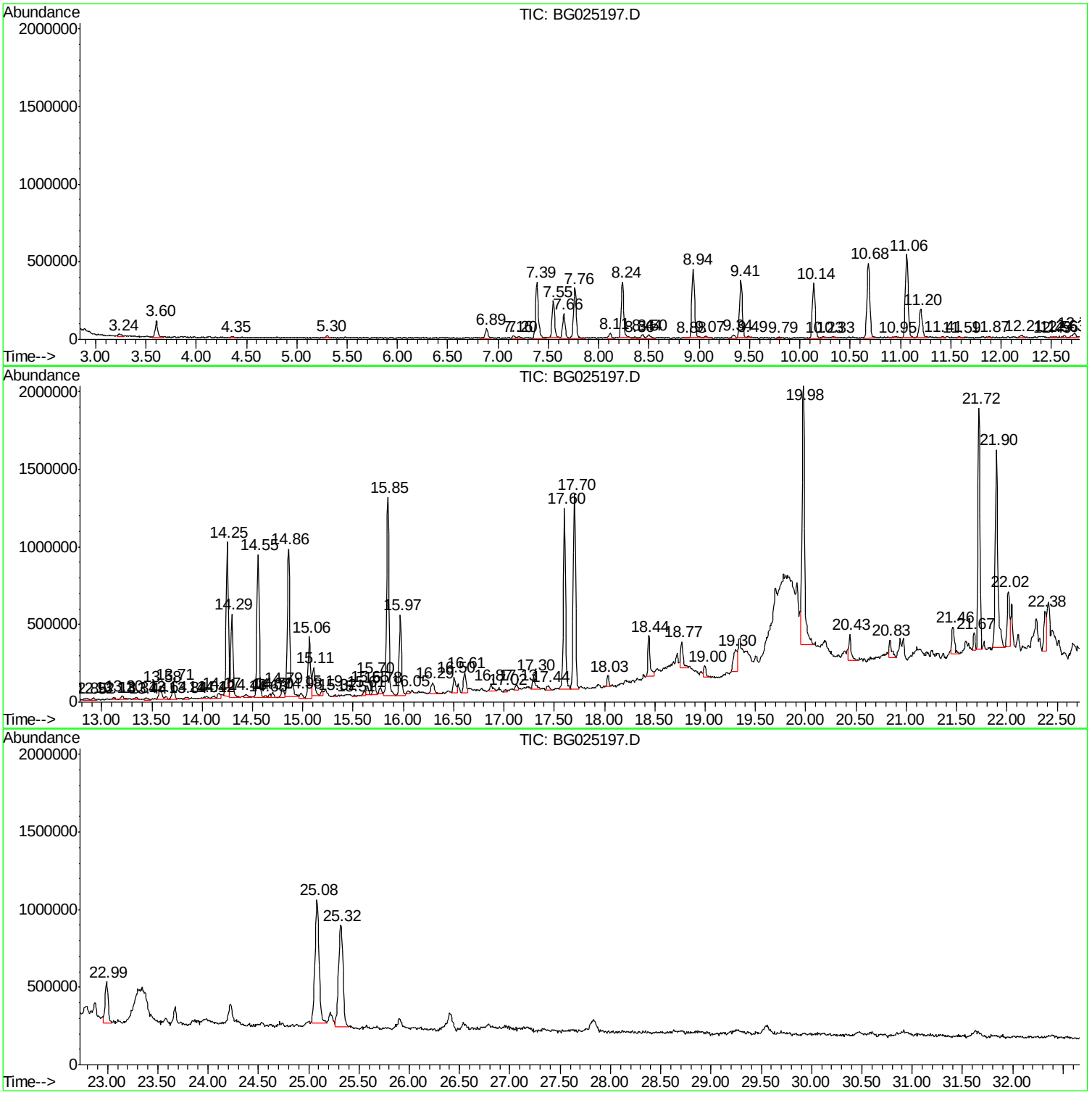
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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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Quant Title : SVOA CALIBRATION

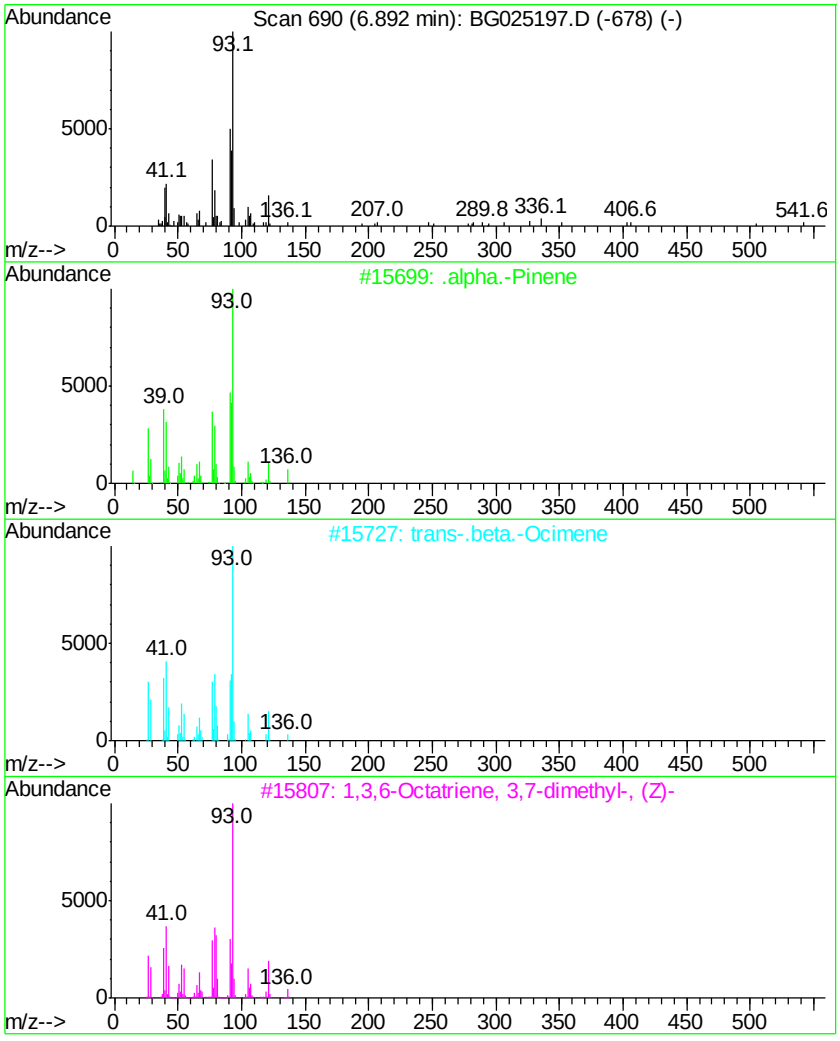
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

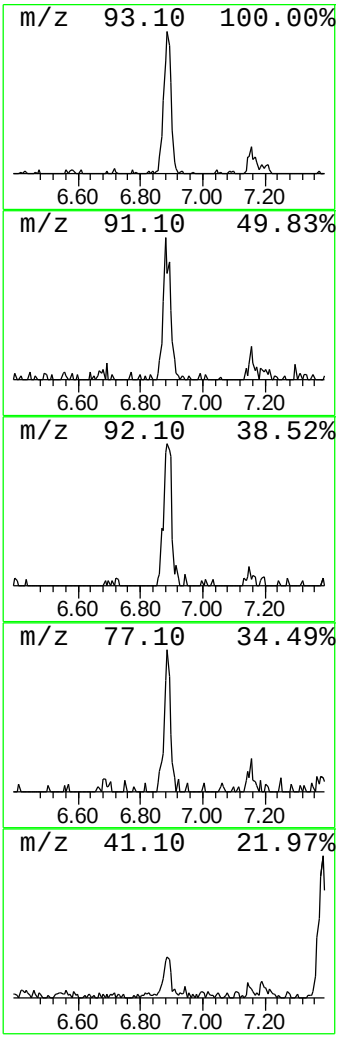
****

Peak Number 1 .alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	3.18 ng/ul	103327	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	86
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	86
3	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	83
4	.gamma.-Terpinene	136	C10H16	000099-85-4	83
5	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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

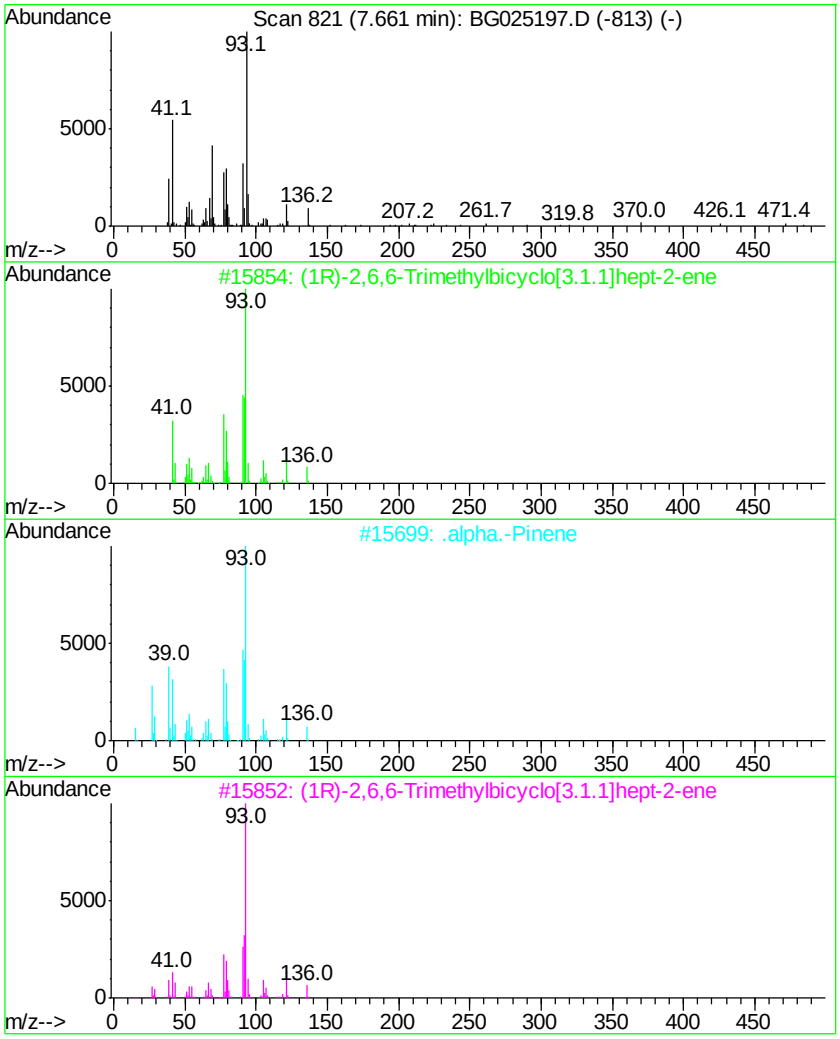
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

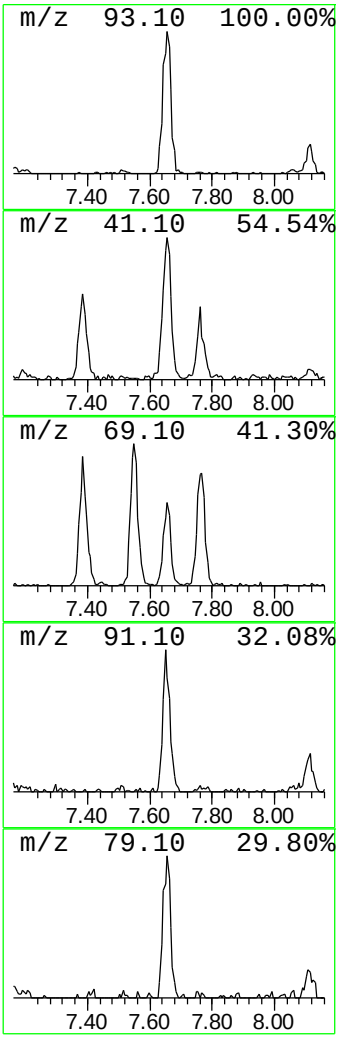
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	9.13 ng/ul	296817	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4	.beta.-Pinene	136	C10H16	000127-91-3	87
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	86





Library Search Compound Report

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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

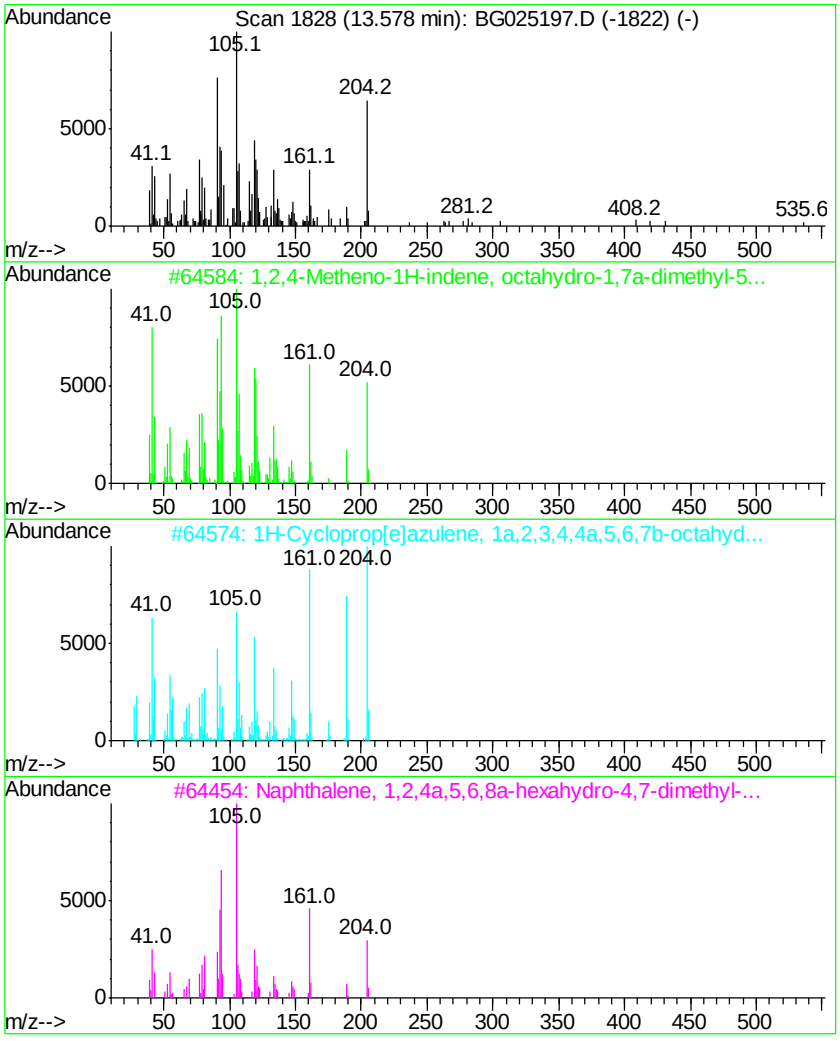
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

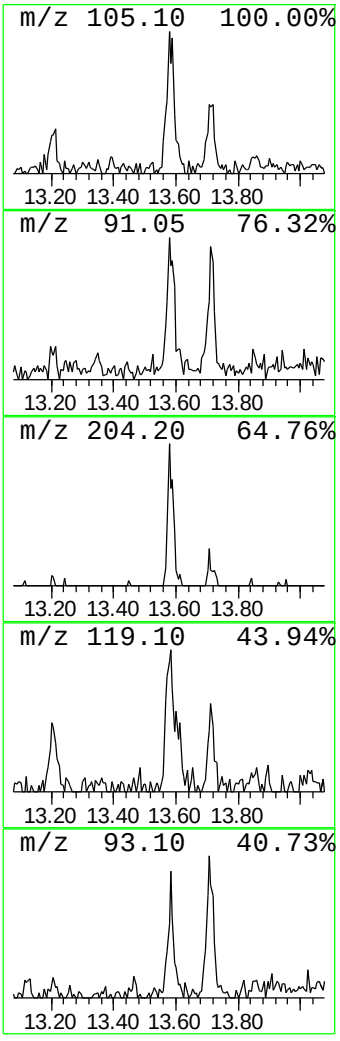
****

Peak Number 3 1,2,4-Metheno-1H-indene, oc... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.03 ng/ul	173899	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	53
2	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	49
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	49
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	49
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	46





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Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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

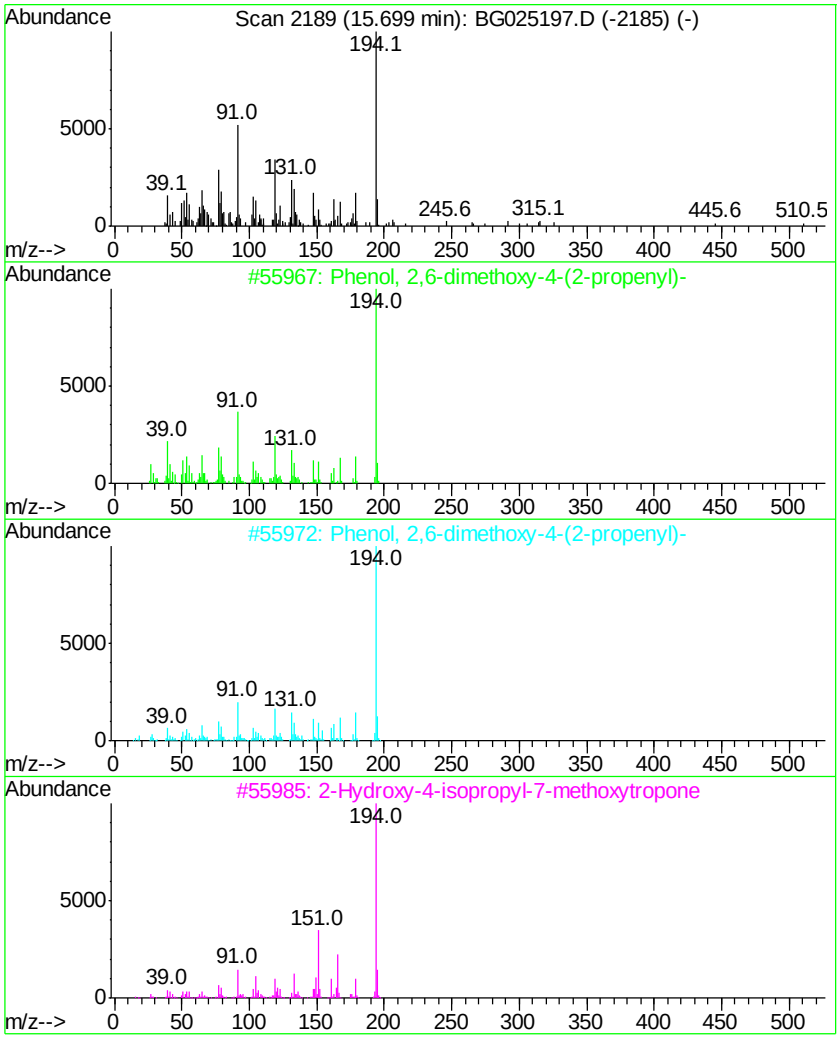
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

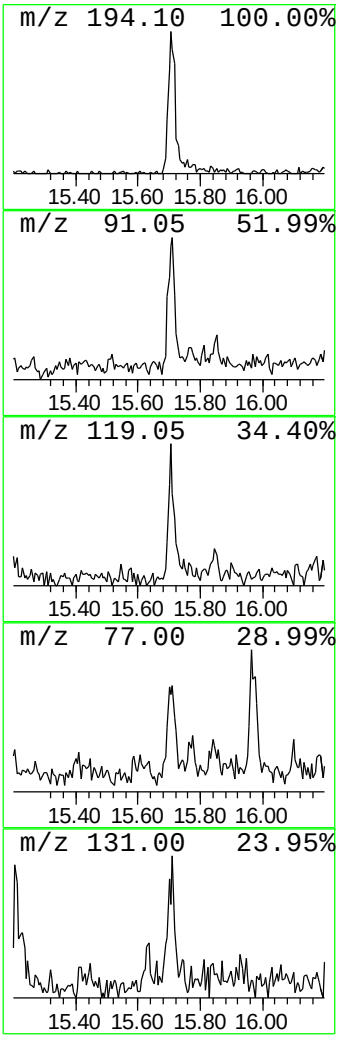
****

Peak Number 4 Phenol, 2,6-dimethoxy-4-(2-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.20 ng/ul	188443	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	83
2	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	74
3	2-Hydroxy-4-isopropyl-7-methoxyt...	194	C11H14O3	089647-85-8	64
4	2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	001135-24-6	64
5	5,7-Dimethyl-1,3-diazaadamantan-...	194	C10H18N4	125658-01-7	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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

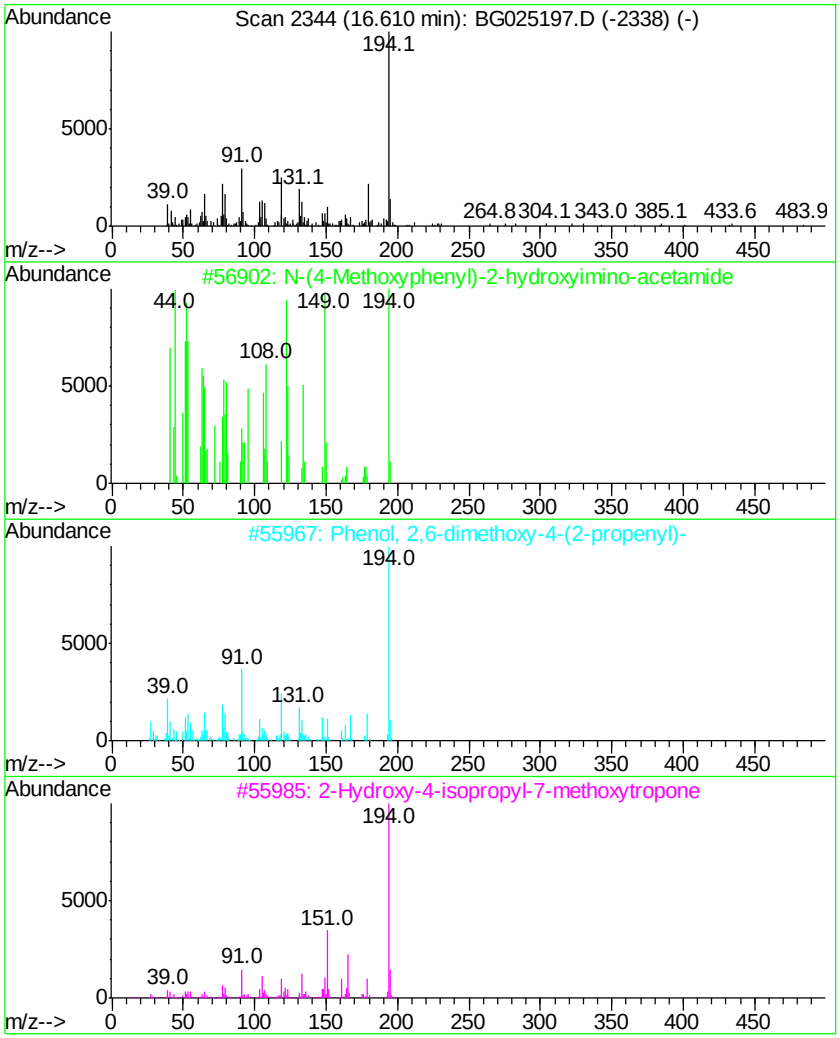
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

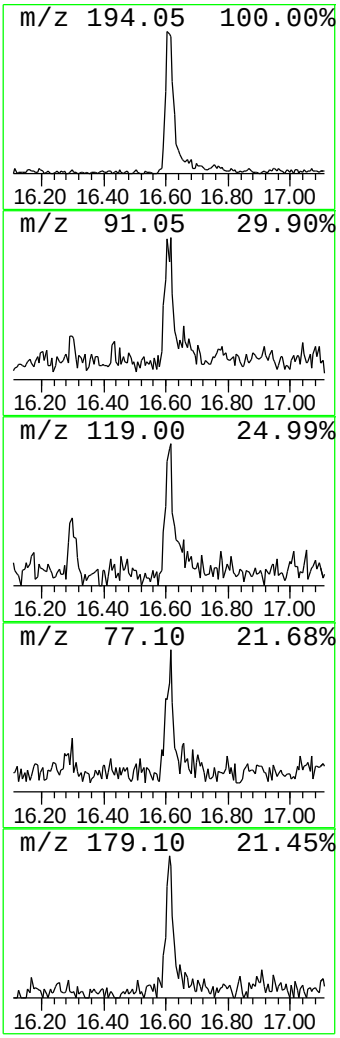
****

Peak Number 5 N-(4-Methoxyphenyl)-2-hydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.52 ng/ul	235673	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Methoxyphenyl)-2-hydroxyimi...	194	C9H10N2O3	1000143-61-3	86
2	Phenol, 2,6-dimethoxy-4-(2-prope...	194	C11H14O3	006627-88-9	83
3	2-Hydroxy-4-isopropyl-7-methoxyt...	194	C11H14O3	089647-85-8	58
4	2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	000537-98-4	58
5	2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	001135-24-6	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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

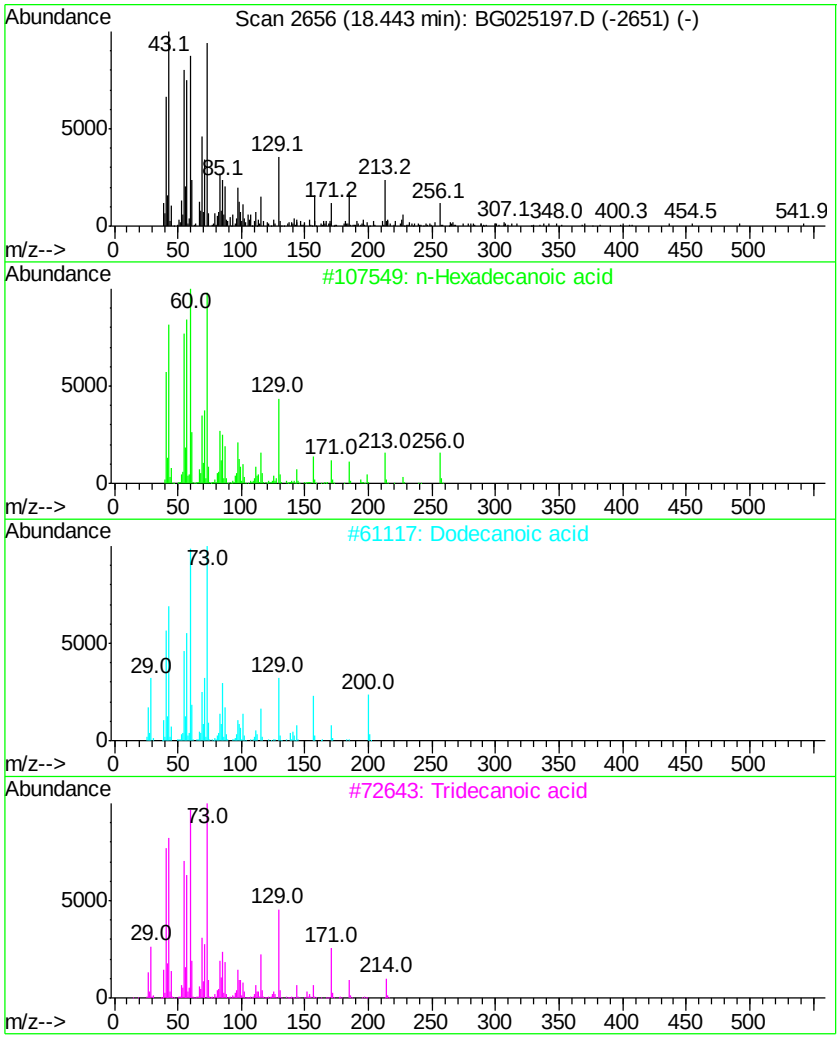
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

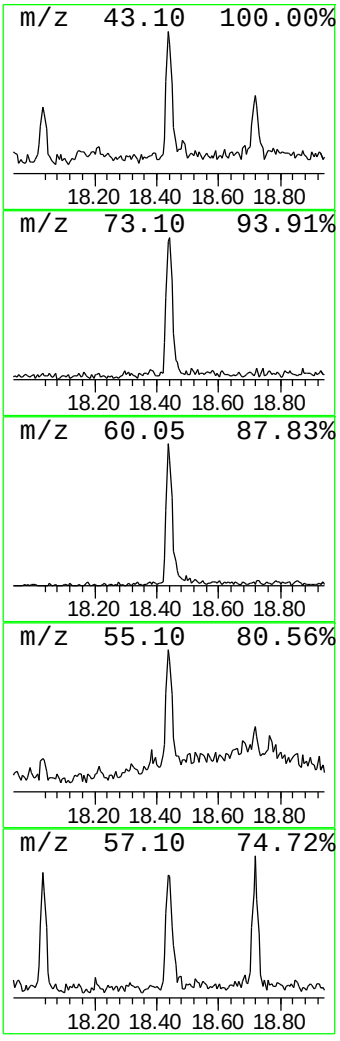
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	4.40 ng/ul	411171	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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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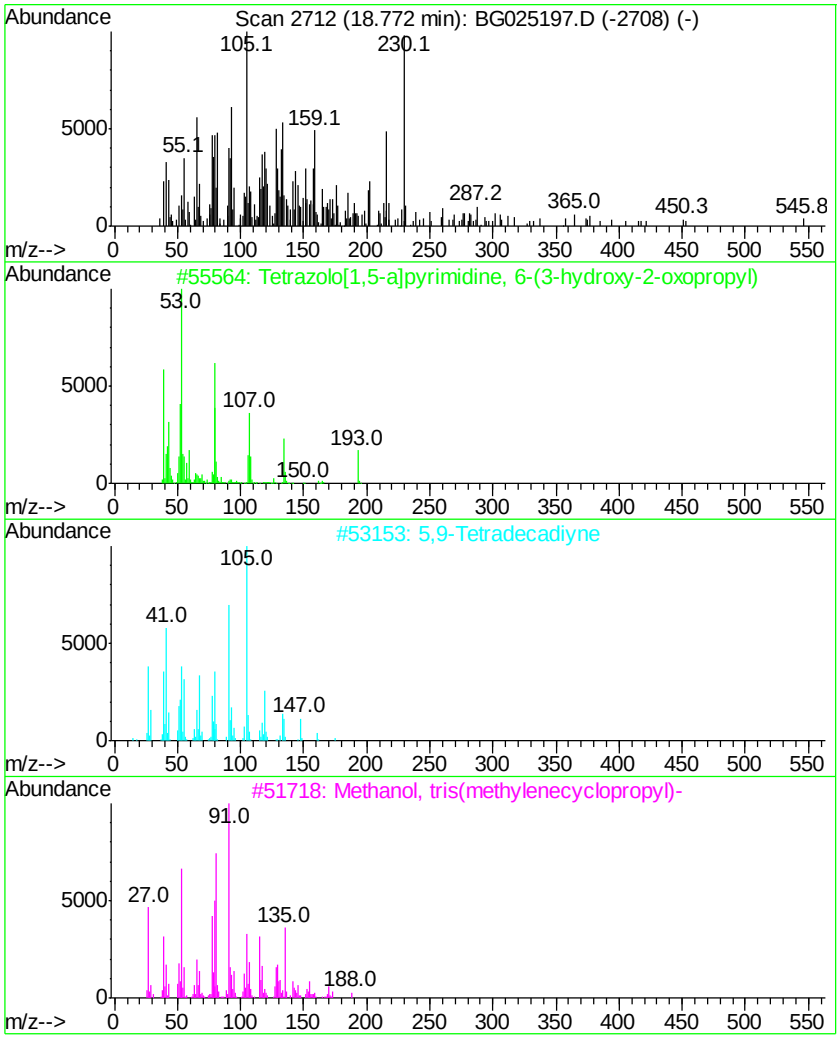
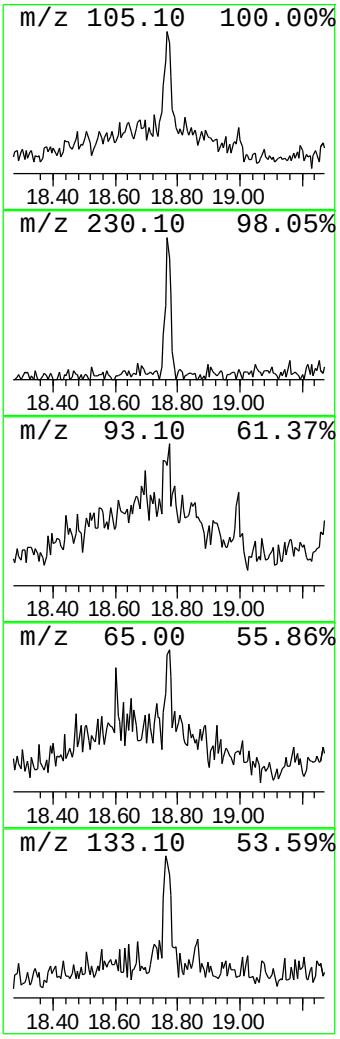
Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.05 ng/ul	285709	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrazolo[1,5-a]pyrimidine, 6-(3...	193	C7H7N5O2	201053-52-3	41
2	5,9-Tetradecadiyne	190	C14H22	051255-61-9	35
3	Methanol, tris(methylenecyclopro...	188	C13H16O	1000152-74-7	16
4	Thiocarbonic acid, O,O-di-p-toly...	258	C15H14O2S	021645-99-8	12
5	Phenyl chloroformate	156	C7H5ClO2	001885-14-9	11





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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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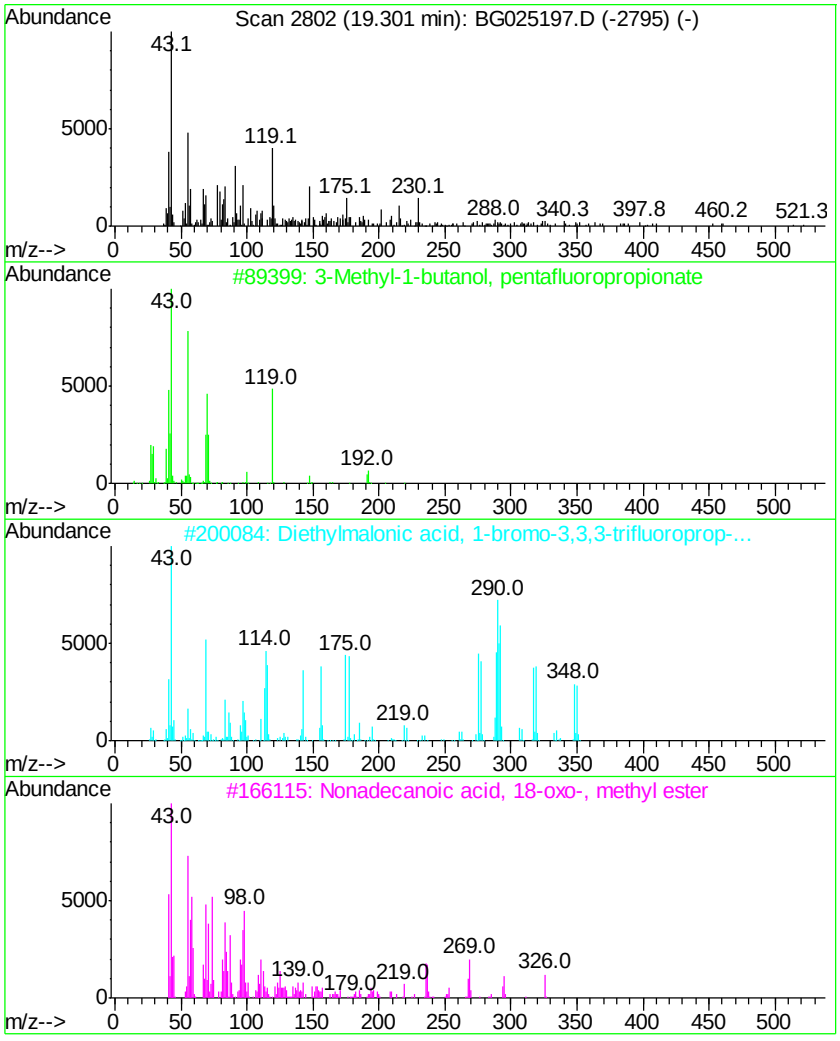
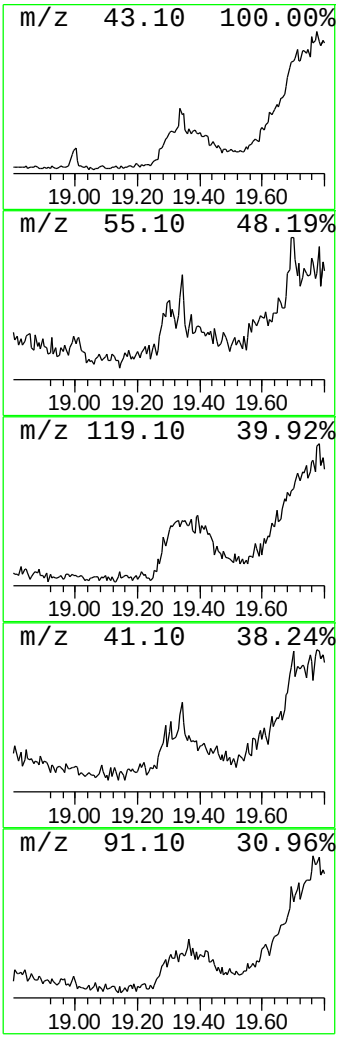
Peak Number 8 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.75 ng/ul	350553	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-butanol, pentafluorop...	234	C8H11F5O2	1000352-32-4	16
2	Diethylmalonic acid, 1-bromo-3,3...	376	C13H20BrF3O4	1000370-79-4	15
3	Nonadecanoic acid, 18-oxo-, meth...	326	C20H38O3	054725-53-0	15
4	2(3H)-Oxazolone, 3-ethyldihydro-...	291	C17H25NO3	1000319-92-6	12
5	Fumaric acid, hexadecyl 2-hexyl ...	424	C26H48O4	1000348-75-4	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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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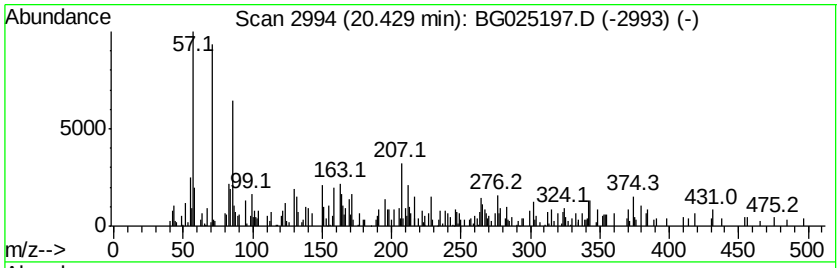
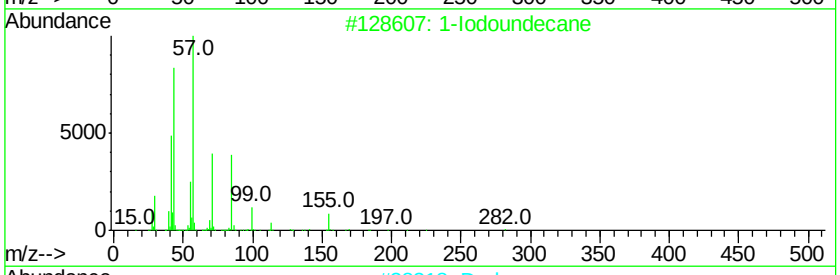
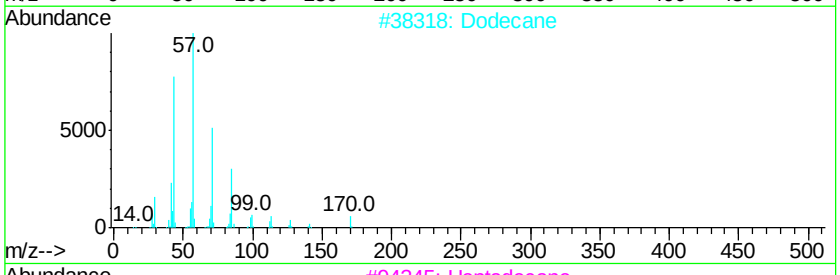
Peak Number 9 1-Iodoundecane Concentration Rank 12

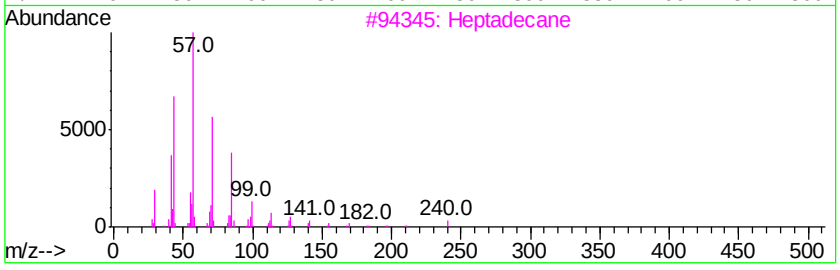
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.15 ng/ul	256199	Chrysene-d12	21.90

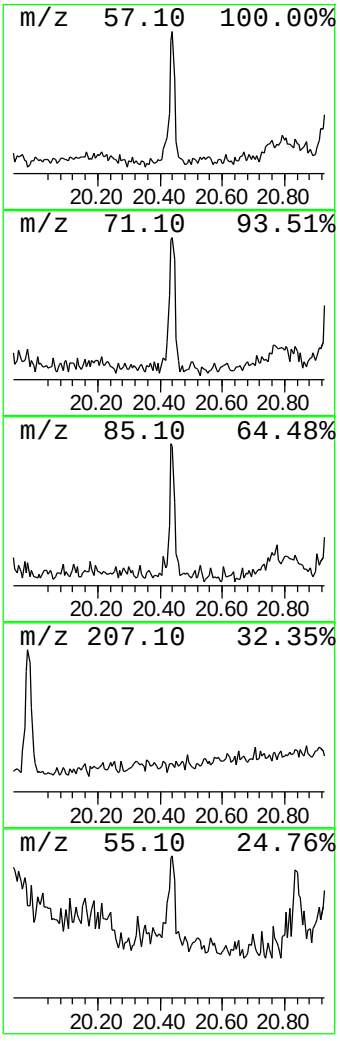
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	74
2	Dodecane	170	C12H26	000112-40-3	72
3	Heptadecane	240	C17H36	000629-78-7	60
4	Heptadecane	240	C17H36	000629-78-7	60
5	Octacosane	394	C28H58	000630-02-4	53











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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

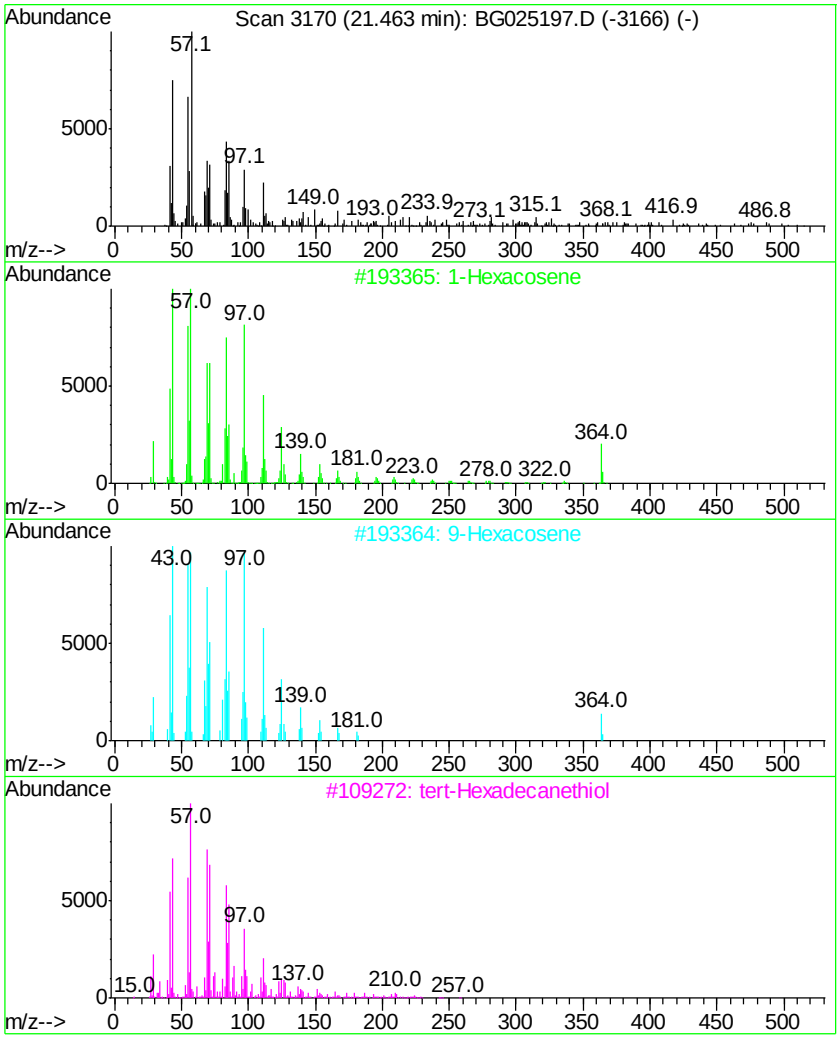
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

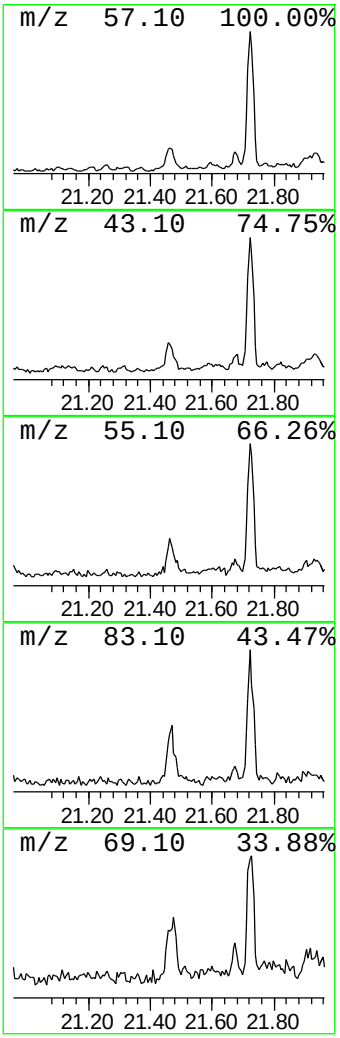
****

Peak Number 10 (DEL) Alkane: Cyclic21.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.90 ng/ul	346423	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	83
2	9-Hexacosene	364	C26H52	071502-22-2	83
3	tert-Hexadecanethiol	258	C16H34S	025360-09-2	83
4	11-Tricosene	322	C23H46	052078-56-5	83
5	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	76





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Instrument : BNA_G
ClientSampleId : DA846

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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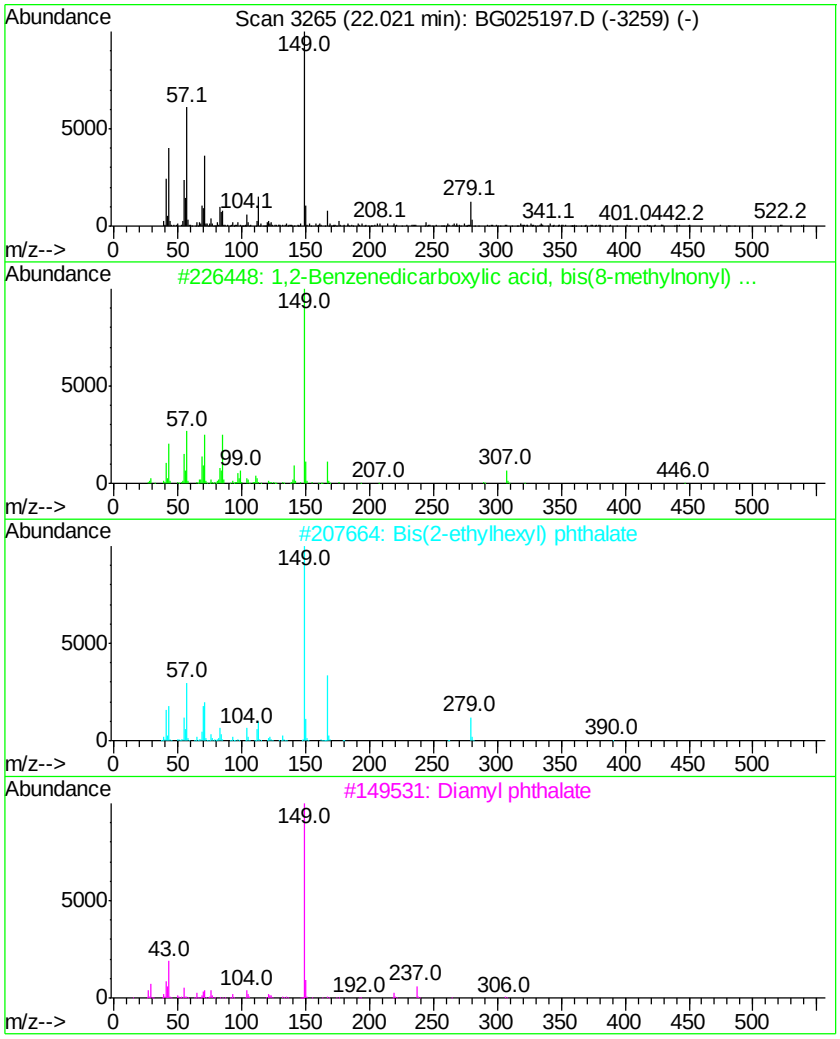
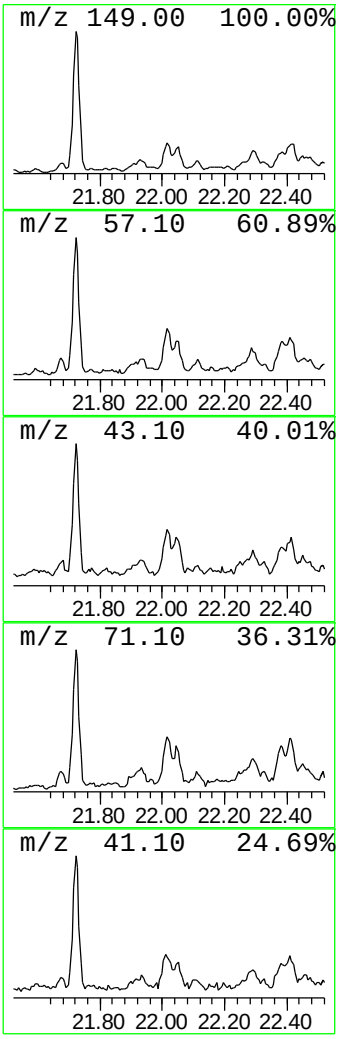
Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	5.08 ng/ul	606255	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	446	C28H46O4	000089-16-7	72
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	64
3	Diamyl phthalate	306	C18H26O4	000131-18-0	60
4	Phthalic acid, neopentyl pentyl ...	306	C18H26O4	1000315-29-8	58
5	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	53





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Data File : BG025197.D
Acq On : 15 Dec 2016 4:49
Operator : UM/SJ
Sample : H5970-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA846

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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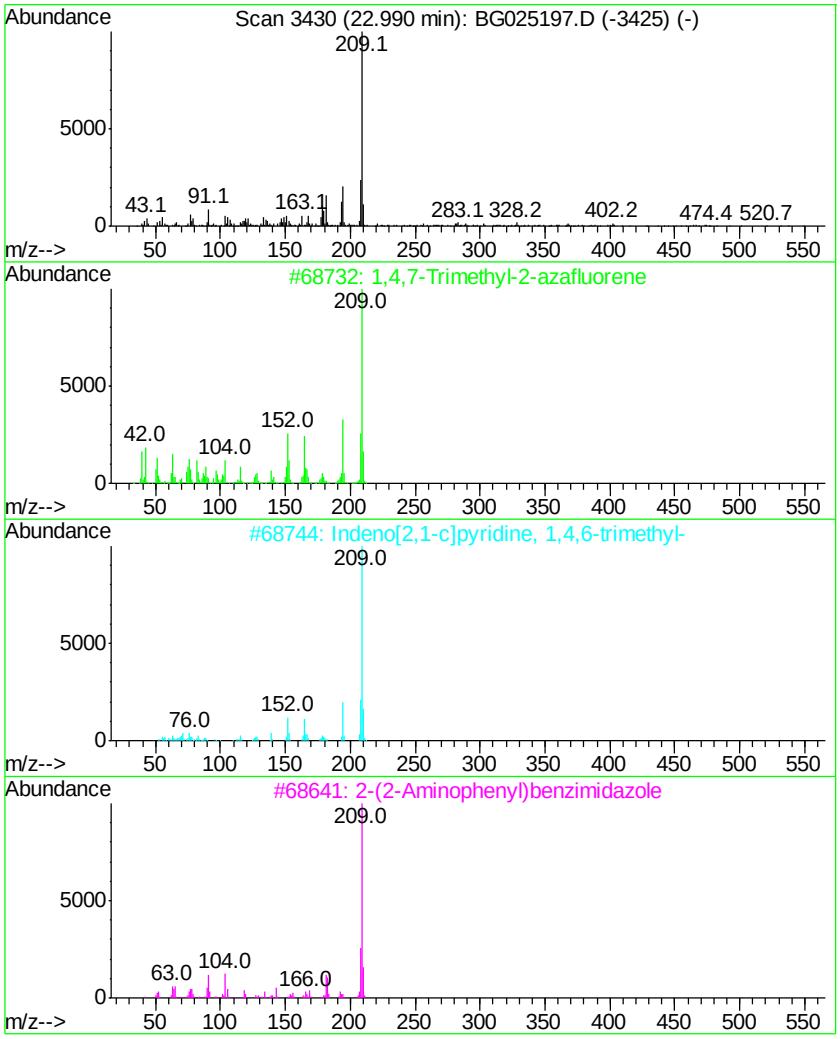
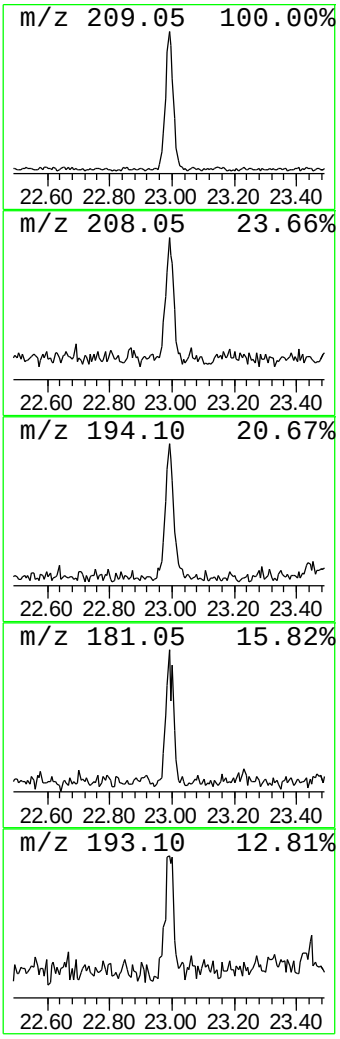
Peak Number 13 1,4,7-Trimethyl-2-azafluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	4.40 ng/ul	524772	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	72
2	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	64
3	2-(2-Aminophenyl)benzimidazole	209	C13H11N3	005805-39-0	53
4	1,3-Benzenedicarboxylic acid, 5-...	209	C10H11NO4	000099-27-4	49
5	3,7-Dimethyl-2-azafluorenone	209	C14H11NO	019337-28-1	47





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
Sample : H5970-07
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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
.alpha.-Pinene	6.89	3.2	ng/ul	103327	1	8.24	650188	20.0
(1R)-2,6,6-Trimet...	7.66	9.1	ng/ul	296817	1	8.24	650188	20.0
1,2,4-Metheno-1H-...	13.58	2.0	ng/ul	173899	3	14.86	1711350	20.0
Phenol, 2,6-dimet...	15.70	2.2	ng/ul	188443	3	14.86	1711350	20.0
N-(4-Methoxypheny...	16.61	2.5	ng/ul	235673	4	17.60	1870930	20.0
n-Hexadecanoic acid	18.44	4.4	ng/ul	411171	4	17.60	1870930	20.0
unknown-01	18.77	3.0	ng/ul	285709	4	17.60	1870930	20.0
unknown-02	19.30	3.8	ng/ul	350553	4	17.60	1870930	20.0
1-Iodoundecane	20.43	2.1	ng/ul	256199	5	21.90	2385940	20.0
(DEL) Alkane: Cyc...	21.46	2.9	ng/ul	346423	5	21.90	2385940	20.0
1,2-Benzenedicarb...	22.02	5.1	ng/ul	606255	5	21.90	2385940	20.0
1,4,7-Trimethyl-2...	22.99	4.4	ng/ul	524772	5	21.90	2385940	20.0