LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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	3.316	102	107	113	rVB	38211	48921	2.70%	0.212%
2	3.492	131	137	142	rBV	19494	28467	1.57%	0.123%
3	3.704	167	173	179	rVB3	11544	17011	0.94%	0.074%
4	5.143	412	418	426	rBV3	11396	24175	1.33%	0.105%
5	5.484	471	476	485	rVB2	19065	38725	2.13%	0.168%
6	6.171	588	593	599	rVB4	15798	26814	1.48%	0.116%
7	6.641	667	673	674	rBV3	7672	11789	0.65%	0.051%
8	6.682	674	680	689	rVB	181931	293081	16.15%	1.271%
9	6.788	693	698	700	rBV2	16716	22945	1.26%	0.100%
10	6.829	700	705	714	rVB	129600	197994	10.91%	0.859%
11	6.917	716	720	725	rVB4	7688	10991	0.61%	0.048%
12	7.023	731	738	746	rVB2	186411	287197	15.82%	1.246%
13	7.135	752	757	763	rVB6	10465	16949	0.93%	0.074%
14	7.481	810	816	823	rVB	300633	476364	26.24%	2.066%
15	8.210	934	940	947	rBV	196417	296739	16.35%	1.287%
16	8.280	947	952	953	rVV2	7626	11430	0.63%	0.050%
17	8.304	953	956	963	rVB2	13402	21172	1.17%	0.092%
18	8.639	1007	1013	1021	rVB	183940	298862	16.46%	1.296%
19	8.809	1034	1042	1046	rBV6	5756	11134	0.61%	0.048%
20	9.356	1129	1135	1141	rBV	144971	241544	13.31%	1.048%
21	9.585	1161	1174	1179	rBV10	12596	32329	1.78%	0.140%
22	9.902	1221	1228	1237	rVV	243872	407535	22.45%	1.768%
23	10.266	1283	1290	1295	rBV	450005	744204	41.00%	3.228%
24	10.313	1295	1298	1305	rVB	56761	86800	4.78%	0.377%
25	10.413	1309	1315	1325	rVB	61801	116644	6.43%	0.506%
26	10.572	1337	1342	1351	rVB3	8269	14645	0.81%	0.064%
27	11.018	1413	1418	1423	rBV4	8681	14632	0.81%	0.063%
28	11.947	1570	1576	1583	rVB	28847	49347	2.72%	0.214%
29	12.170	1607	1614	1619	rVV	18602	27858	1.53%	0.121%
30	12.493	1666	1669	1674	rVB5	6127	10546	0.58%	0.046%
31	12.711	1700	1706	1711	rVV2	27147	46989	2.59%	0.204%
32	12.752	1711	1713	1721	rVV2	9608	13491	0.74%	0.059%
33	12.981	1749	1752	1758	rVB3	12747	19690	1.08%	0.085%
34	13.181	1782	1786	1789	rBV2	7372	10577	0.58%	0.046%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	13.322	1805	1810	1814	rBV6	11208	24499	1.35%	0.106%
36	13.474	1831	1836	1841	rVV3	20422	31538	1.74%	0.137%
37	13.527	1841	1845	1848	rVV4	10127	13746	0.76%	0.060%
38	13.574	1848	1853	1857	rVV	408890	571910	31.51%	2.481%
39	13.621	1857	1861	1870	rVV	192130	281077	15.48%	1.219%
40	13.850	1890	1900	1906	rBV	398579	618821	34.09%	2.684%
41	13.903	1906	1909	1914	rVB7	11276	16427	0.90%	0.071%
42	14.062	1929	1936	1943	rBV8	22265	51020	2.81%	0.221%
43	14.162	1943	1953	1959	rVV2	635086	958550	52.81%	4.158%
44	14.221	1959	1963	1973	rVB	158061	231096	12.73%	1.002%
45	14.403	1984	1994	2000	rBV	114573	189469	10.44%	0.822%
46	14.473	2002	2006	2012	rVB5	10218	19095	1.05%	0.083%
47	14.561	2012	2021	2026	rBV	72844	139948	7.71%	0.607%
48	14.973	2083	2091	2098	rBV5	12986	35129	1.94%	0.152%
49	15.037	2098	2102	2106	rVB6	14464	19154	1.06%	0.083%
50	15.161	2117	2123	2128	rBV	471130	648880	35.75%	2.815%
51	15.214	2128	2132	2138	rVB2	112291	162086	8.93%	0.703%
52	15.313	2145	2149	2150	rBV4	12306	16289	0.90%	0.071%
53	15.337	2150	2153	2157	rVB5	34228	44637	2.46%	0.194%
54	15.378	2157	2160	2166	rVB7	12426	15932	0.88%	0.069%
55	15.431	2166	2169	2172	rBV4	11046	14901	0.82%	0.065%
56	15.513	2179	2183	2190	rVB	21481	34346	1.89%	0.149%
57	15.666	2204	2209	2215	rVB5	24693	53372	2.94%	0.232%
58	15.895	2244	2248	2252	rBV7	30012	43016	2.37%	0.187%
59	16.436	2335	2340	2346	rBV6	56069	107565	5.93%	0.467%
60	16.571	2360	2363	2368	rVB2	25611	33284	1.83%	0.144%
61	16.647	2374	2376	2378	rBV3	12983	13394	0.74%	0.058%
62	16.694	2381	2384	2387	rVV4	48560	65092	3.59%	0.282%
63	16.735	2387	2391	2397	rVV	58780	93726	5.16%	0.407%
64	16.800	2399	2402	2405	rVB5	19982	27134	1.49%	0.118%
65	16.917	2416	2422	2426	rBV	592429	892292	49.16%	3.870%
66	16.964	2426	2430	2434	rVV	887074	1198587	66.03%	5.199%
67	17.017	2434	2439	2442	rVV	389120	558453	30.77%	2.422%
68	17.047	2442	2444	2449	rVV	205762	270590	14.91%	1.174%
69	17.100	2449	2453	2459	rVB3	65108	102340	5.64%	0.444%
70	17.329	2488	2492	2496	rVB	85136	109330	6.02%	0.474%
71	17.528	2519	2526	2530	rVB	134369	226670	12.49%	0.983%

LSC Area Percent Report

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Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	17.640	2541	2545	2550	rVB8	36029	56107	3.09%	0.243%
73	17.793	2564	2571	2574	rBV3	70674	157304	8.67%	0.682%
74	17.840	2574	2579	2584	rVB3	170178	282681	15.57%	1.226%
75	17.993	2599	2605	2609	rBV4	272679	413338	22.77%	1.793%
76	18.057	2613	2616	2619	rVV2	87607	104064	5.73%	0.451%
77	18.098	2620	2623	2629	rVV5	50590	69100	3.81%	0.300%
78	18.281	2651	2654	2661	rBV2	114590	223951	12.34%	0.971%
79	18.427	2676	2679	2681	rBV4	32319	33153	1.83%	0.144%
80	18.463	2681	2685	2689	rVB	77521	88618	4.88%	0.384%
81	18.780	2736	2739	2743	rBV4	43472	60303	3.32%	0.262%
82	18.827	2744	2747	2749	rVV2	68322	94753	5.22%	0.411%
83	18.856	2749	2752	2762	rVB3	177550	304209	16.76%	1.320%
84	18.991	2770	2775	2780	rBV	1093971	1461537	80.52%	6.340%
85	19.138	2796	2800	2805	rBV2	243738	356481	19.64%	1.546%
86	19.209	2809	2812	2814	rVV2	66782	69737	3.84%	0.302%
87	19.332	2828	2833	2835	rBV2	656141	1006038	55.42%	4.364%
88	19.356	2835	2837	2842	rVB	874966	1032413	56.88%	4.478%
89	19.479	2856	2858	2863	rVB4	83248	91716	5.05%	0.398%
90	19.591	2873	2877	2884	rVB2	249324	336092	18.52%	1.458%
91	19.855	2919	2922	2927	rVB	249176	297283	16.38%	1.290%
92	19.908	2928	2931	2935	rVB	125547	134378	7.40%	0.583%
93	19.955	2937	2939	2942	rVV	71842	80977	4.46%	0.351%
94	20.137	2967	2970	2975	rBV4	116934	132651	7.31%	0.575%
95	20.272	2990	2993	2998	rBV	156300	197764	10.90%	0.858%
96	21.054	3123	3126	3129	rBV	176376	182799	10.07%	0.793%
97	21.124	3132	3138	3142	rVV2	931284	1815164	100.00%	7.874%
98	21.165	3142	3145	3154	rVB	574131	761029	41.93%	3.301%
99	22.658	3396	3399	3404	rBV	334712	611247	33.67%	2.651%
100	23.316	3507	3511	3516	rVB	418561	687837	37.89%	2.984%

Sum of corrected areas: 23053710

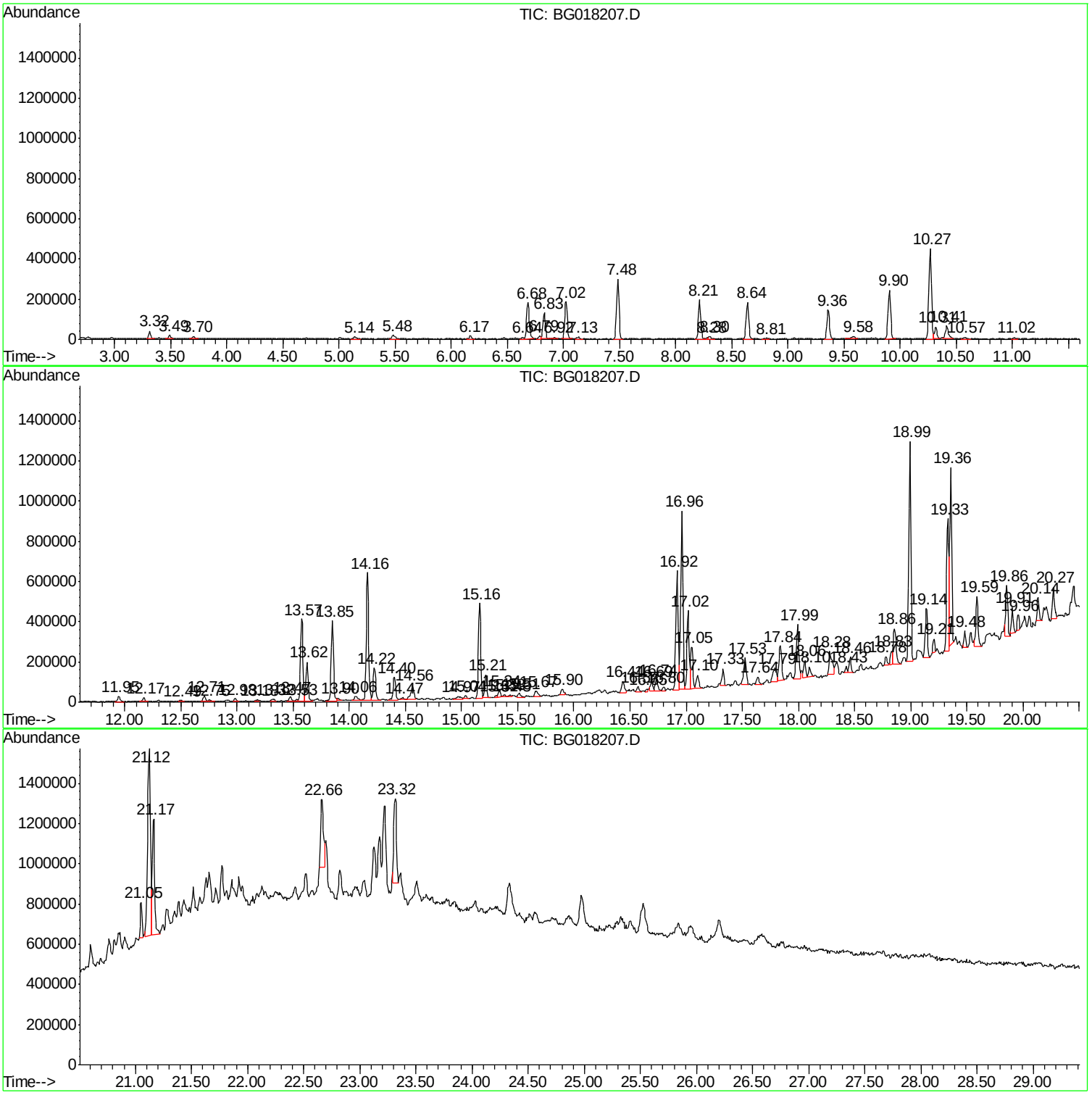
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
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Sample : G3065-22
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

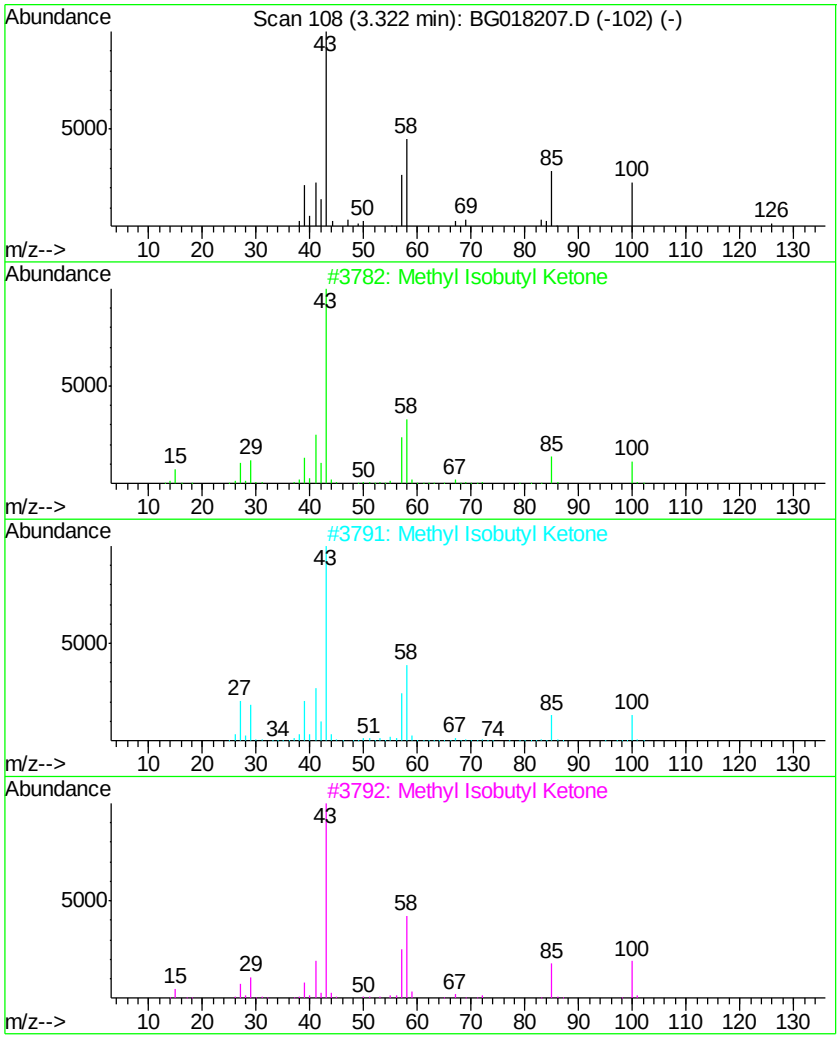
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

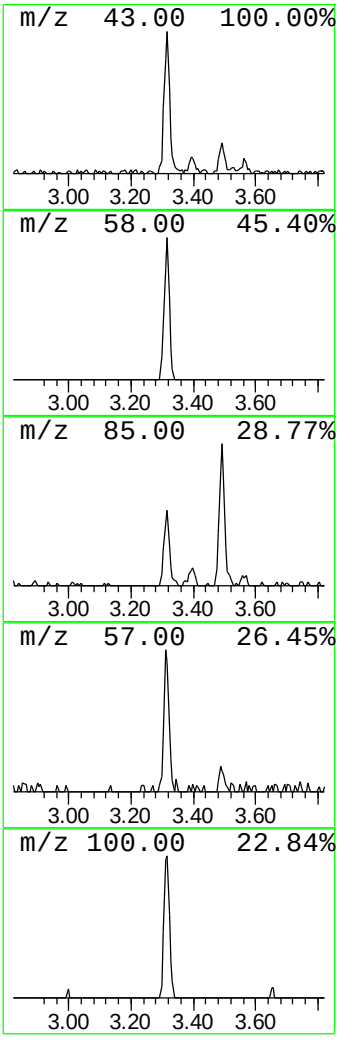
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.05 ng/ul	48921	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	78
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	78
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
4	2-Hexanone	100	C6H12O	000591-78-6	59
5	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

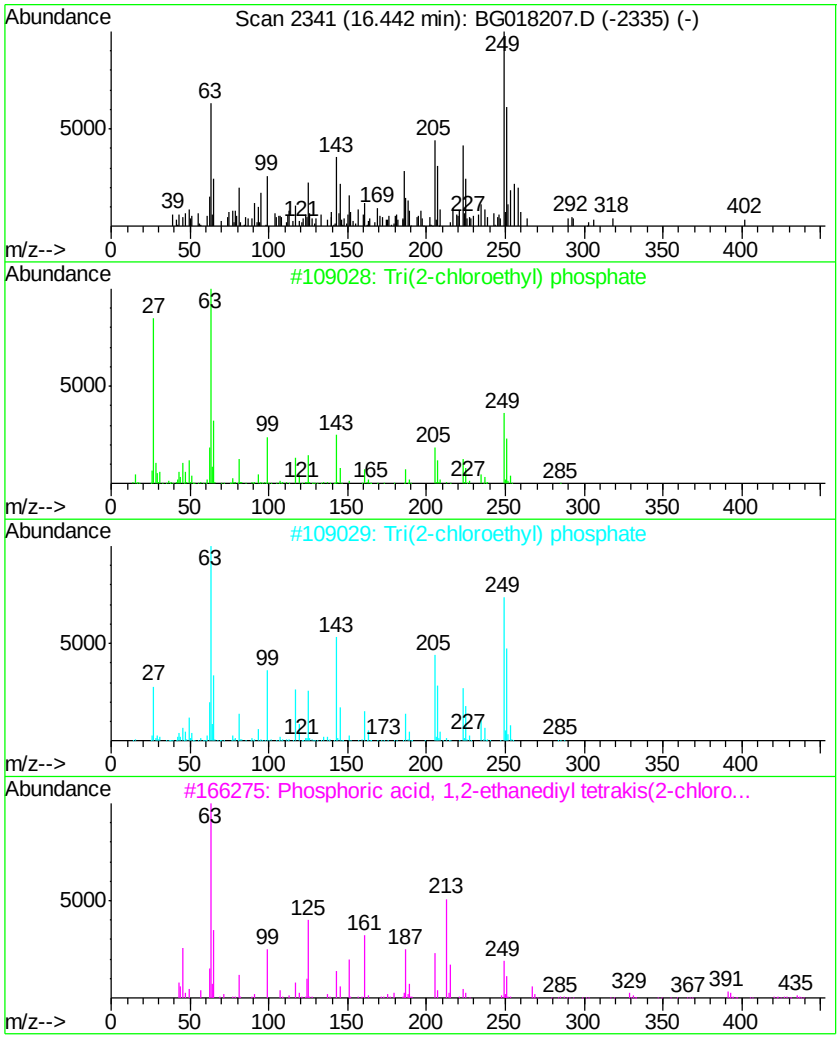
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

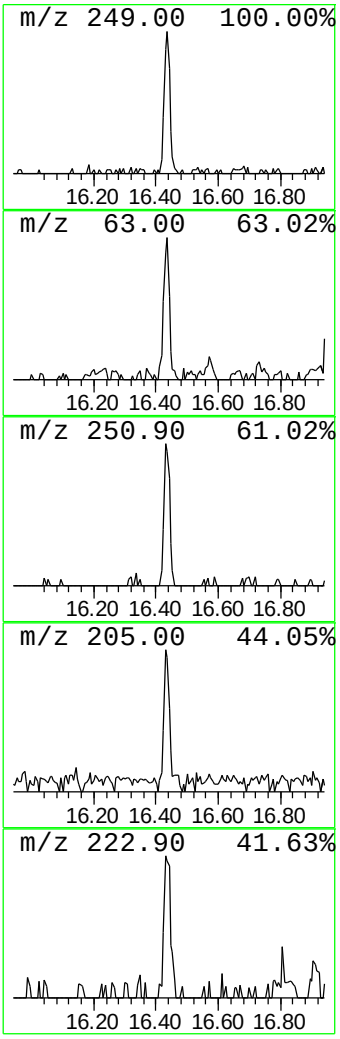
****

Peak Number 2 Tri(2-chloroethyl) phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.41 ng/ul	107565	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	90
3	Phosphoric acid, 1,2-ethanediyl ...	470	C10H20Cl4O8P2	033125-86-9	40
4	2-(2-Chloroethoxy)ethyl bis(2-ch...	328	C8H16Cl3O5P	137888-36-9	38
5	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

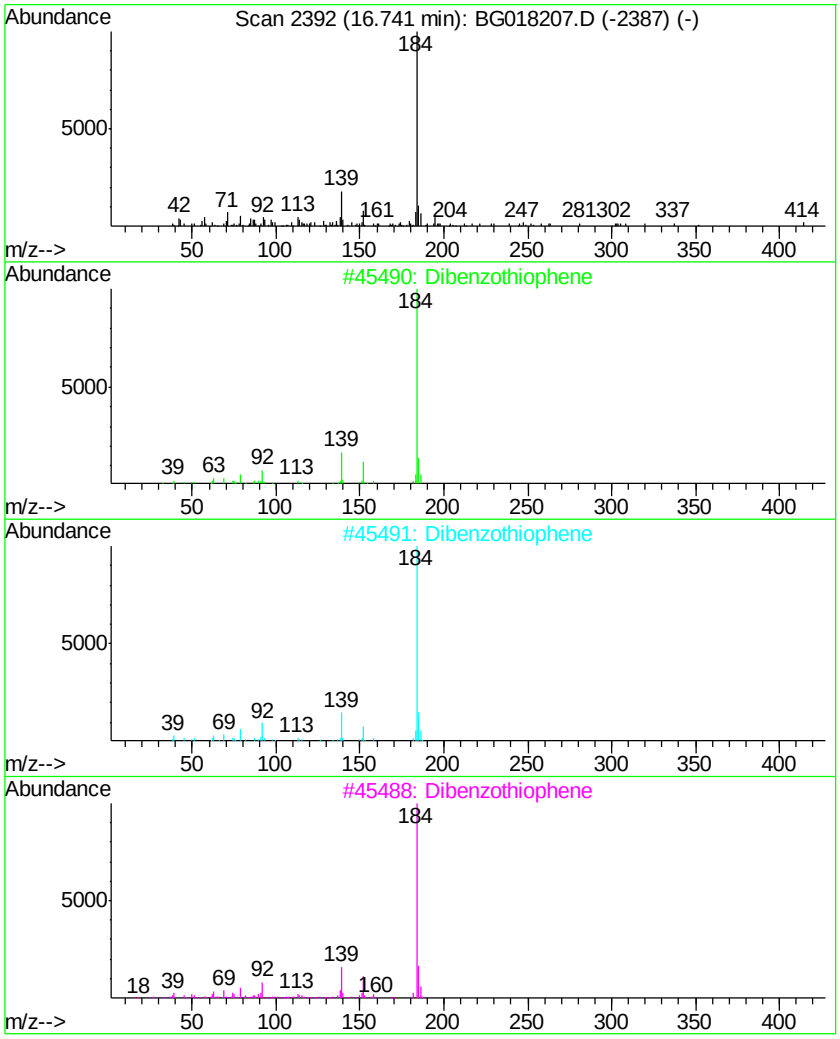
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

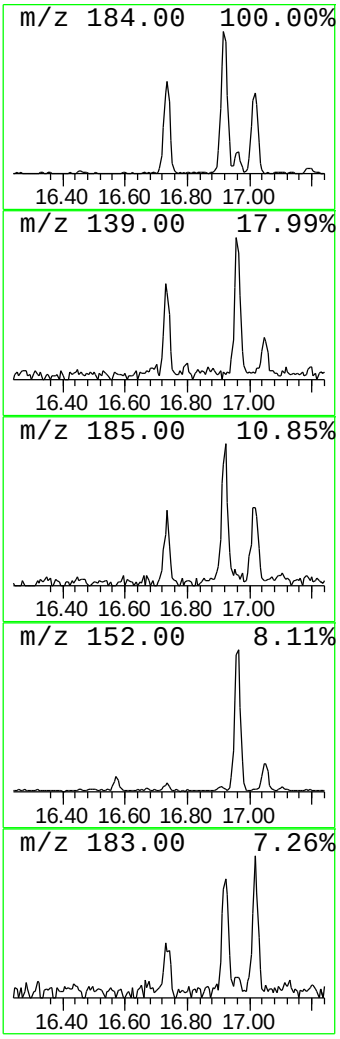
****

Peak Number 3 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.10 ng/ul	93726	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

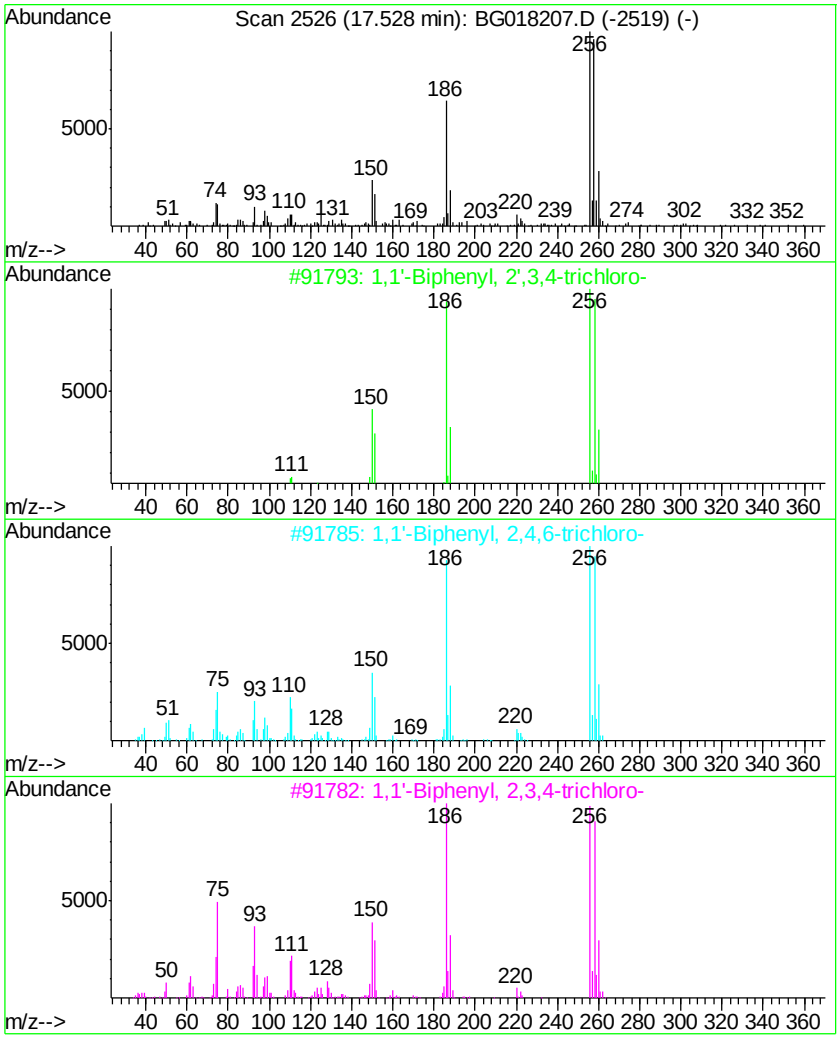
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

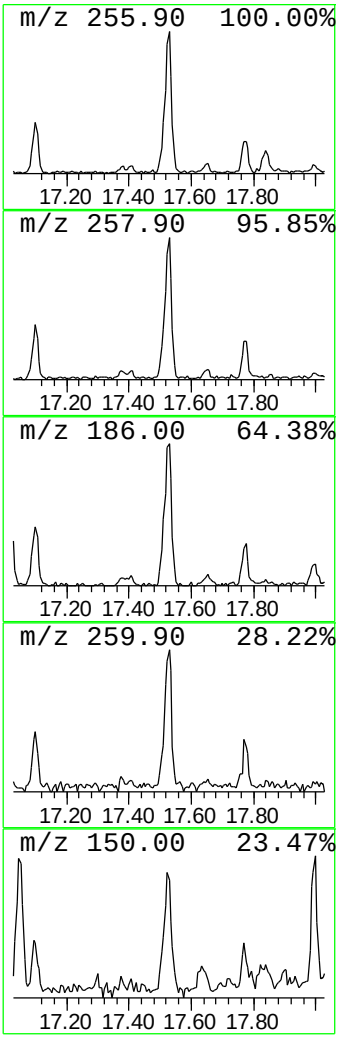
****

Peak Number 4 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	5.08 ng/ul	226670	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
2	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

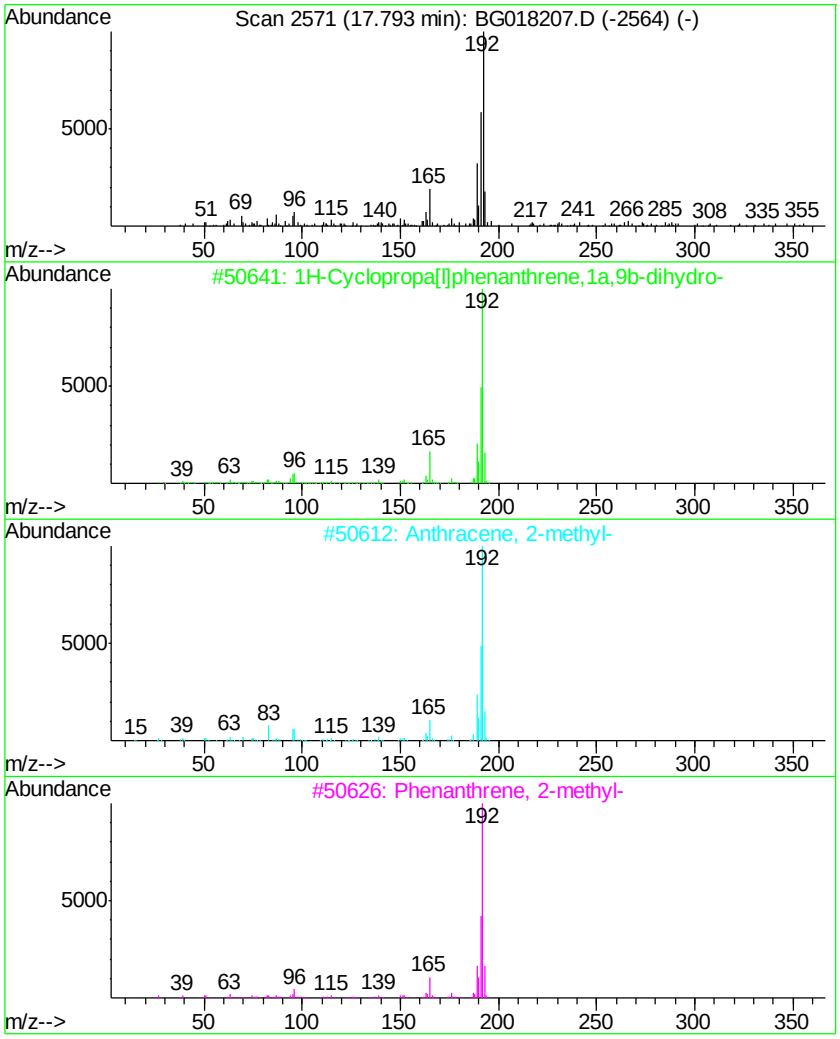
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

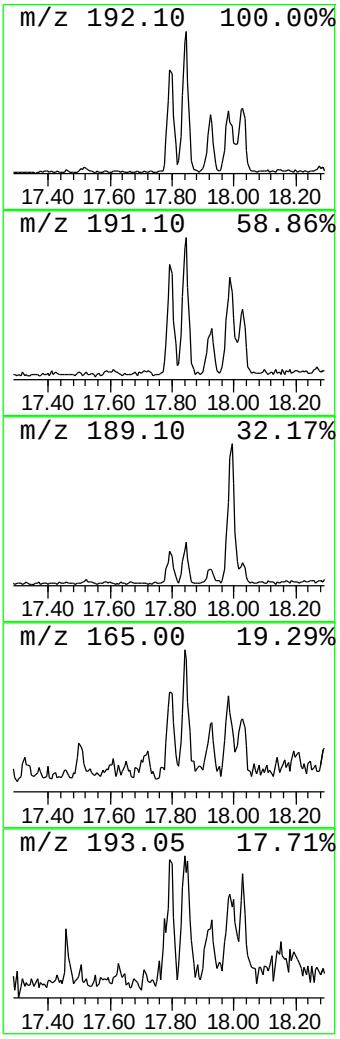
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.53 ng/ul	157304	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91





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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

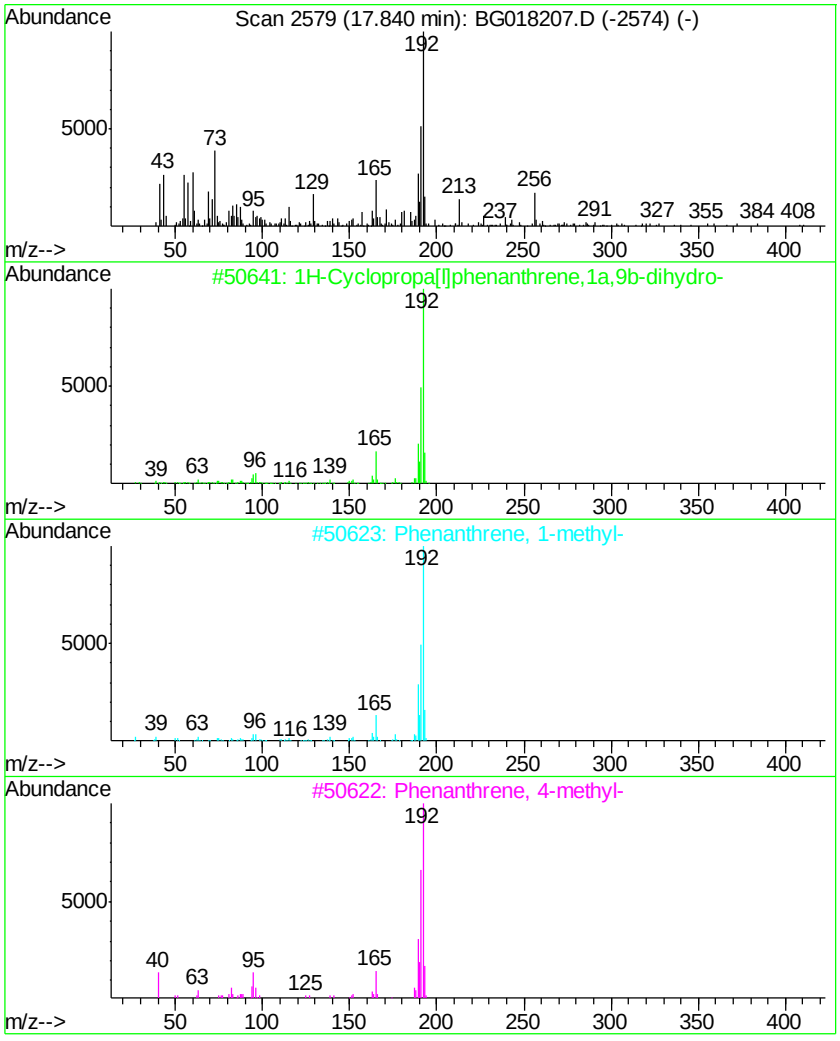
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

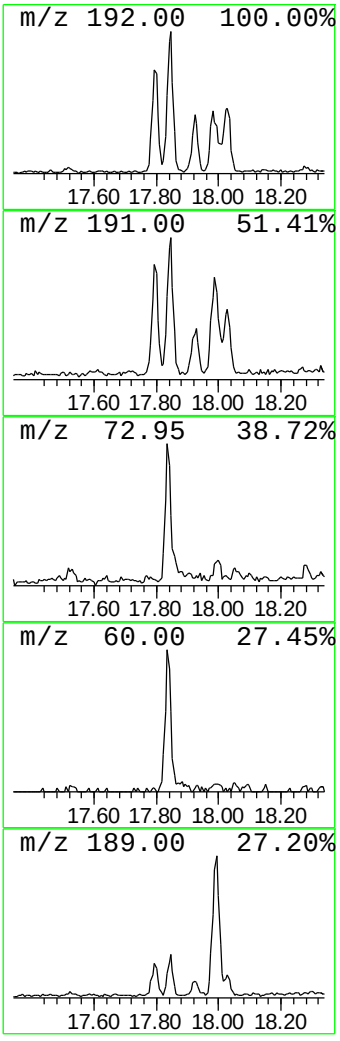
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	6.34 ng/ul	282681	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

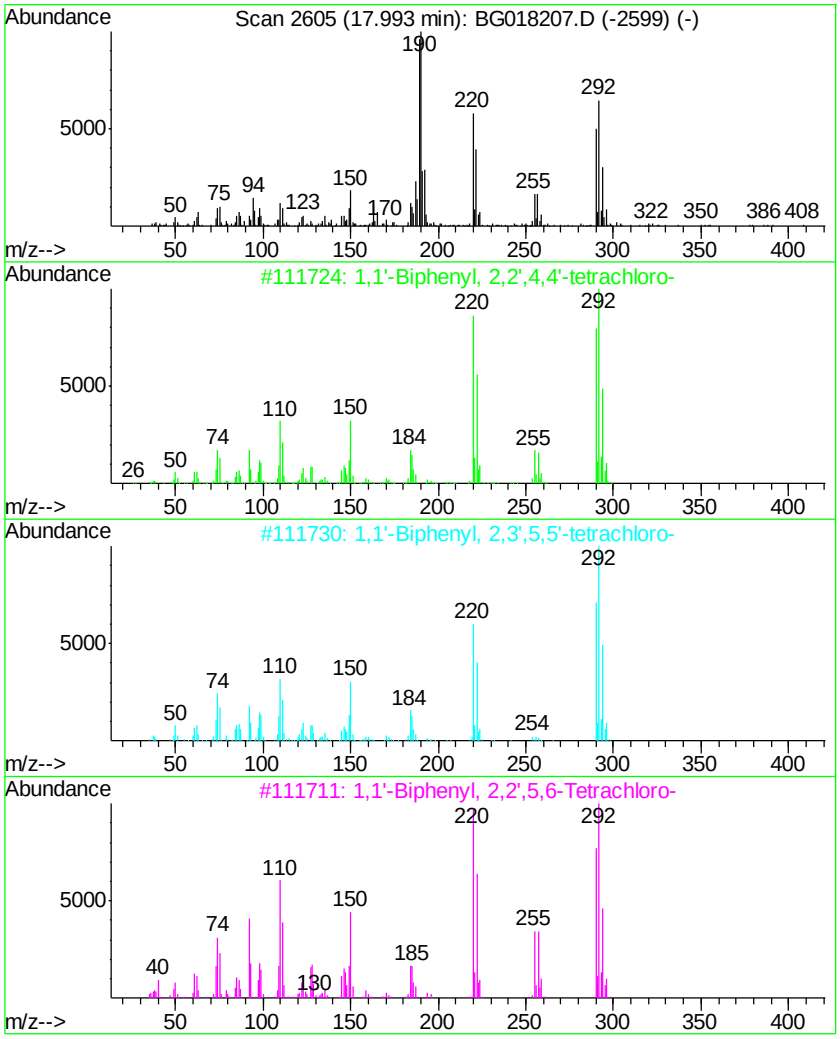
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

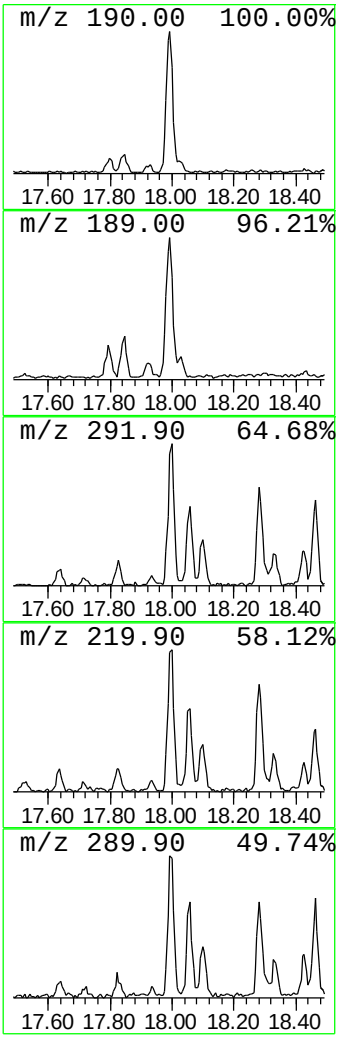
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	9.26 ng/ul	413338	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96





Library Search Compound Report

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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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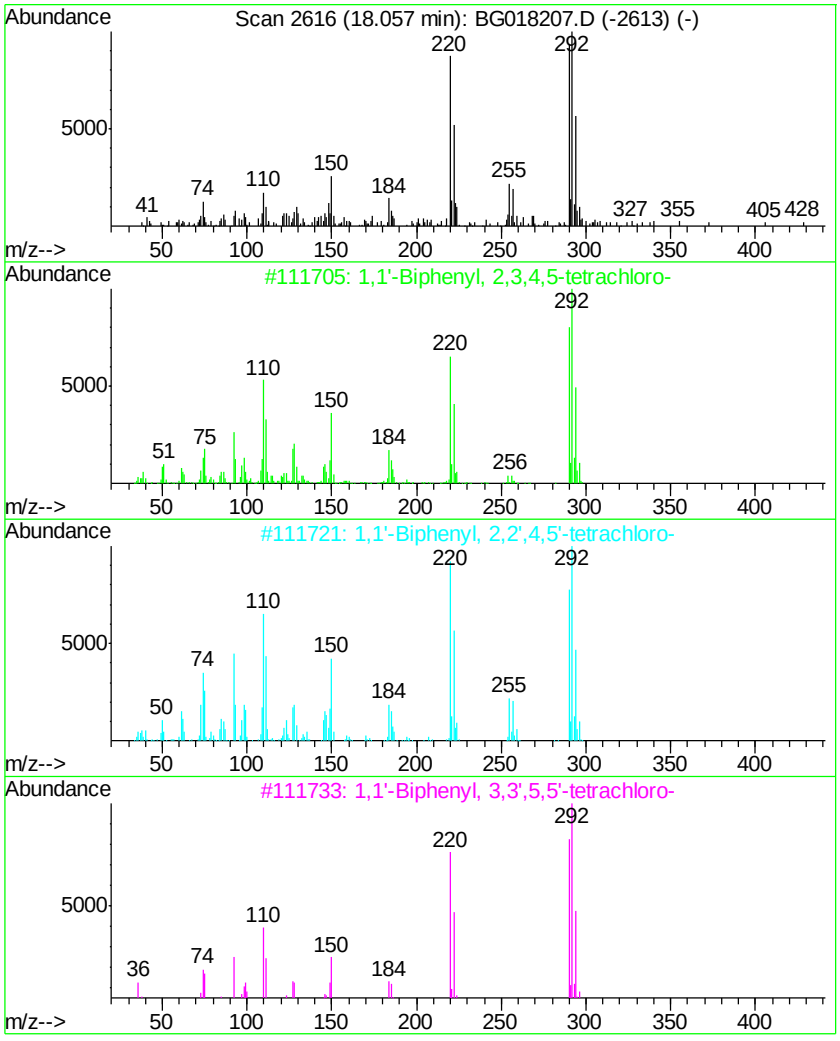
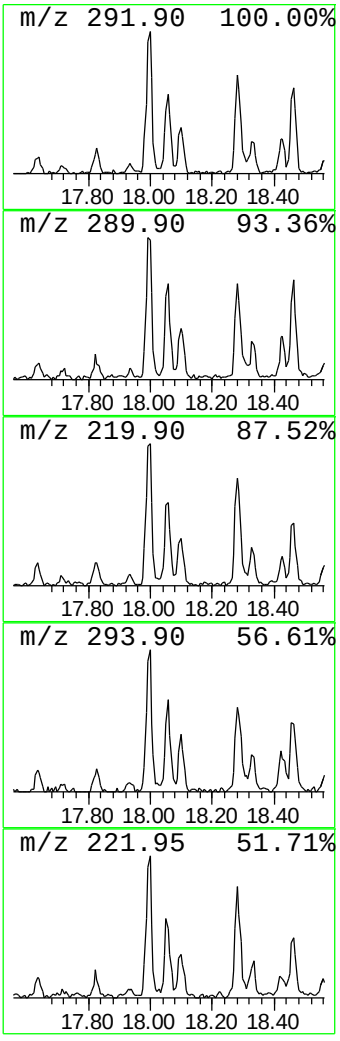
Peak Number 8 1,1'-Biphenyl, 2,3,4,5-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.33 ng/ul	104064	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	94
5	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	94





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Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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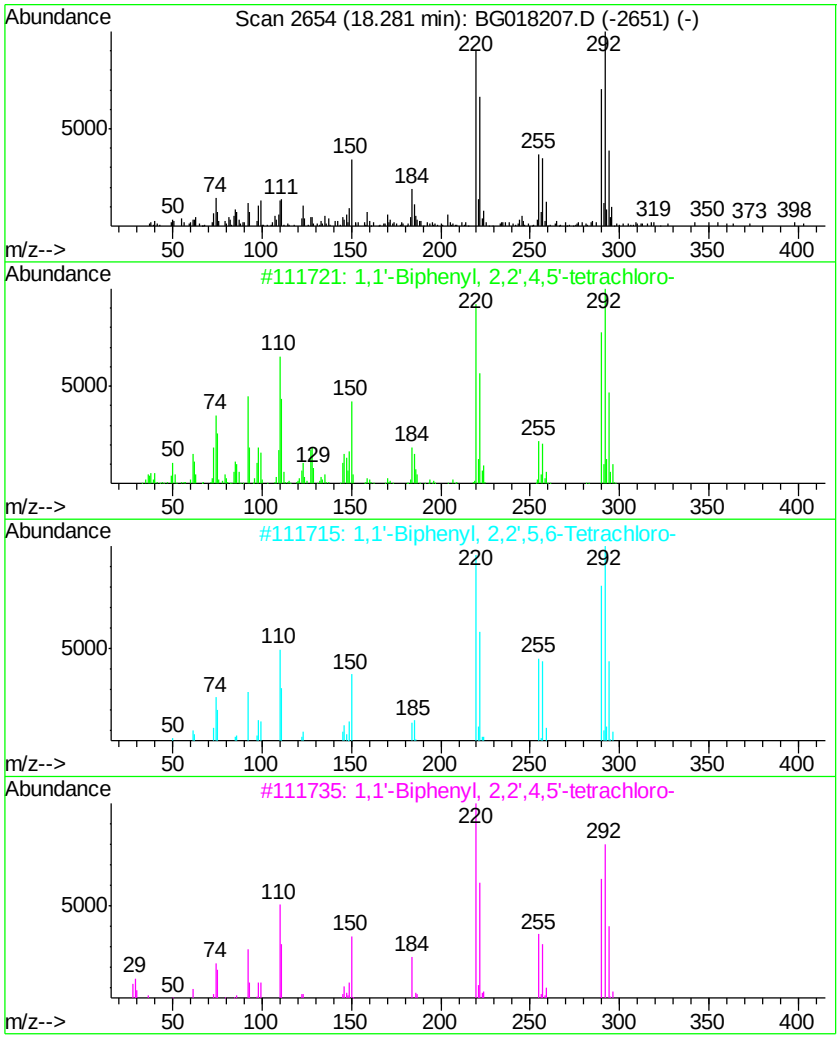
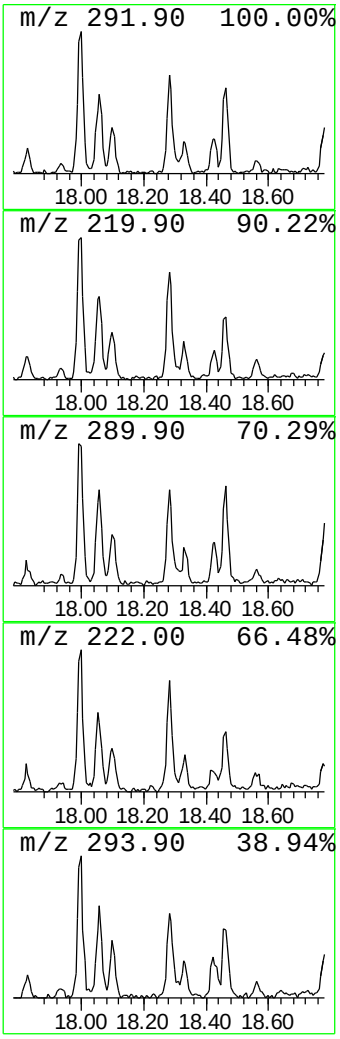
Peak Number 9 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	5.02 ng/ul	223951	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	94
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	94
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	91
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	91
5	1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	91





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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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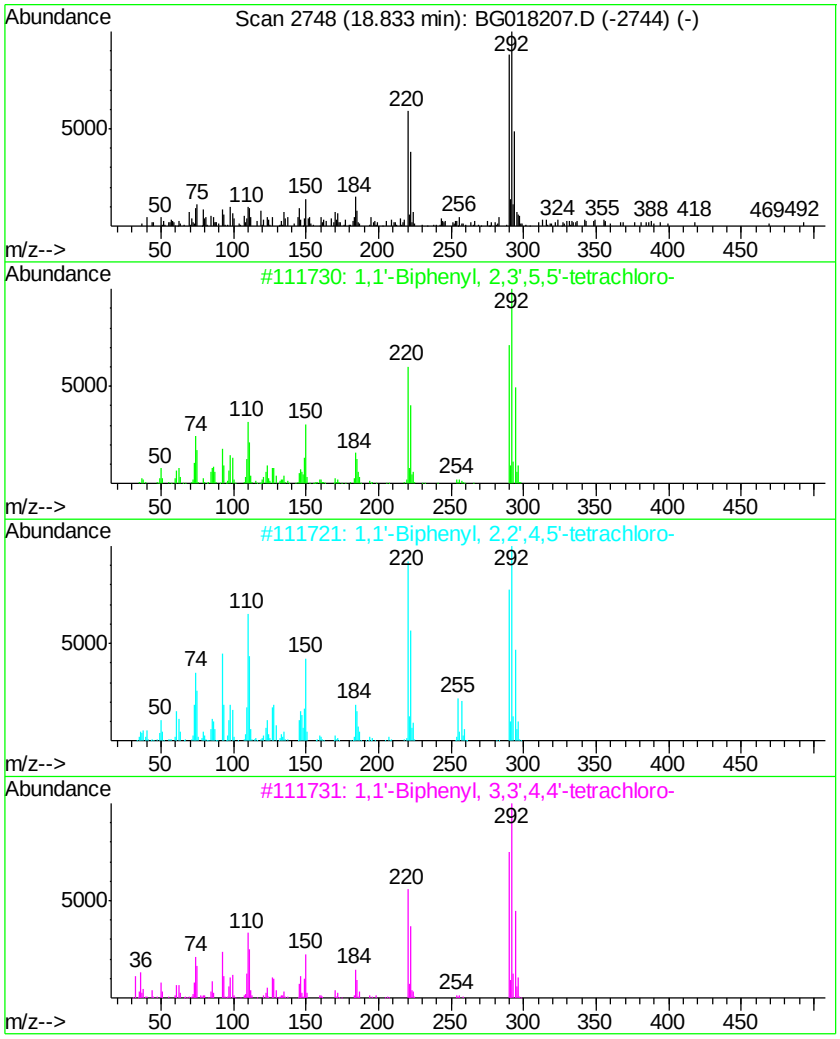
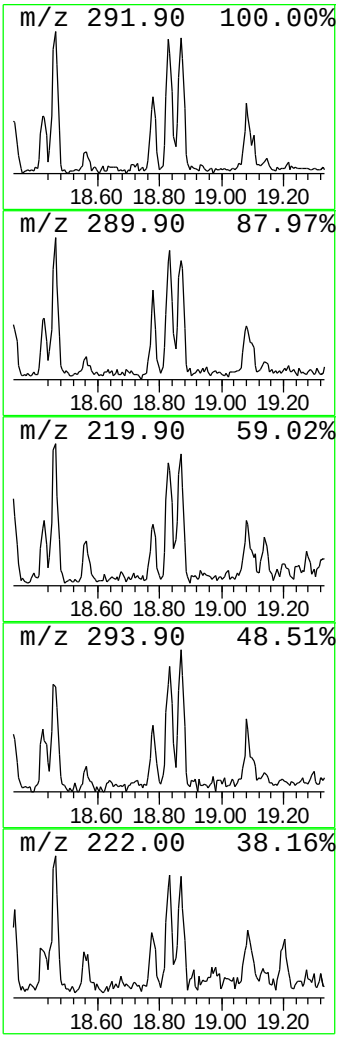
Peak Number 10 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.12 ng/ul	94753	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	94
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	94
5	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	94





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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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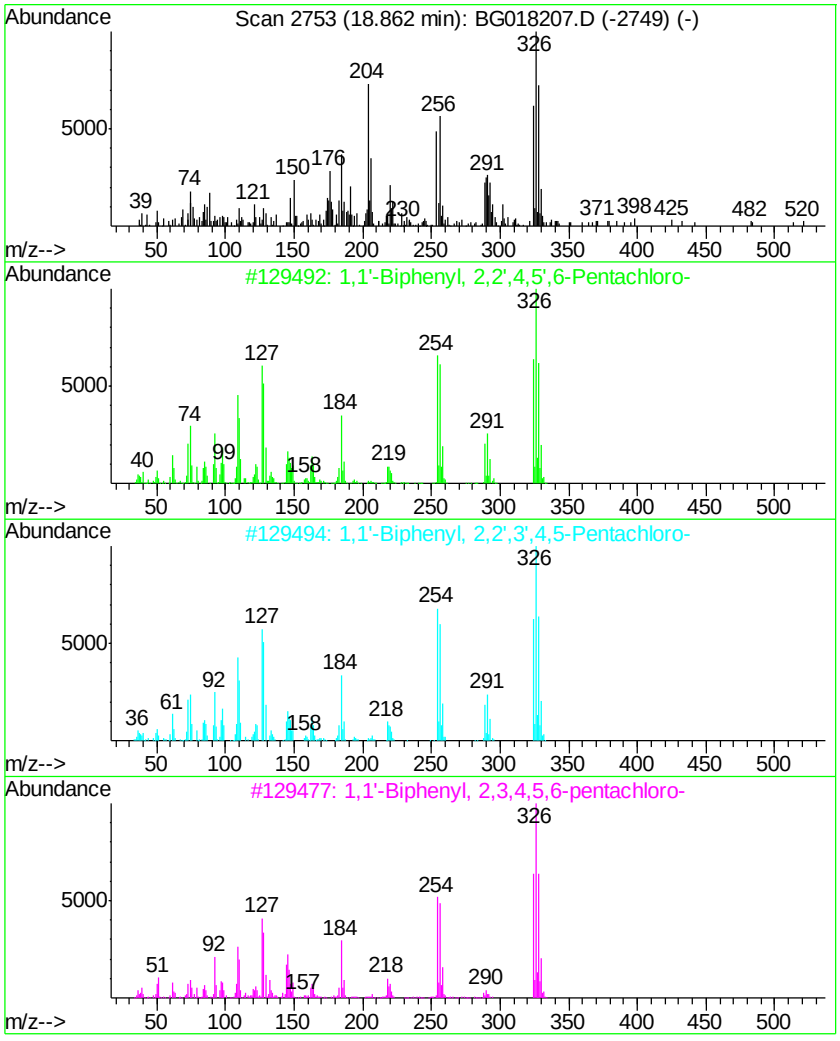
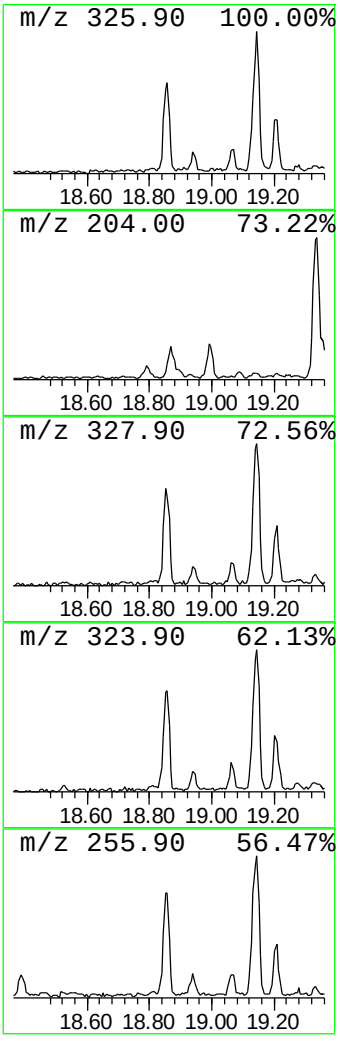
Peak Number 11 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	6.82 ng/ul	304209	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
3	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	94
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	94
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94





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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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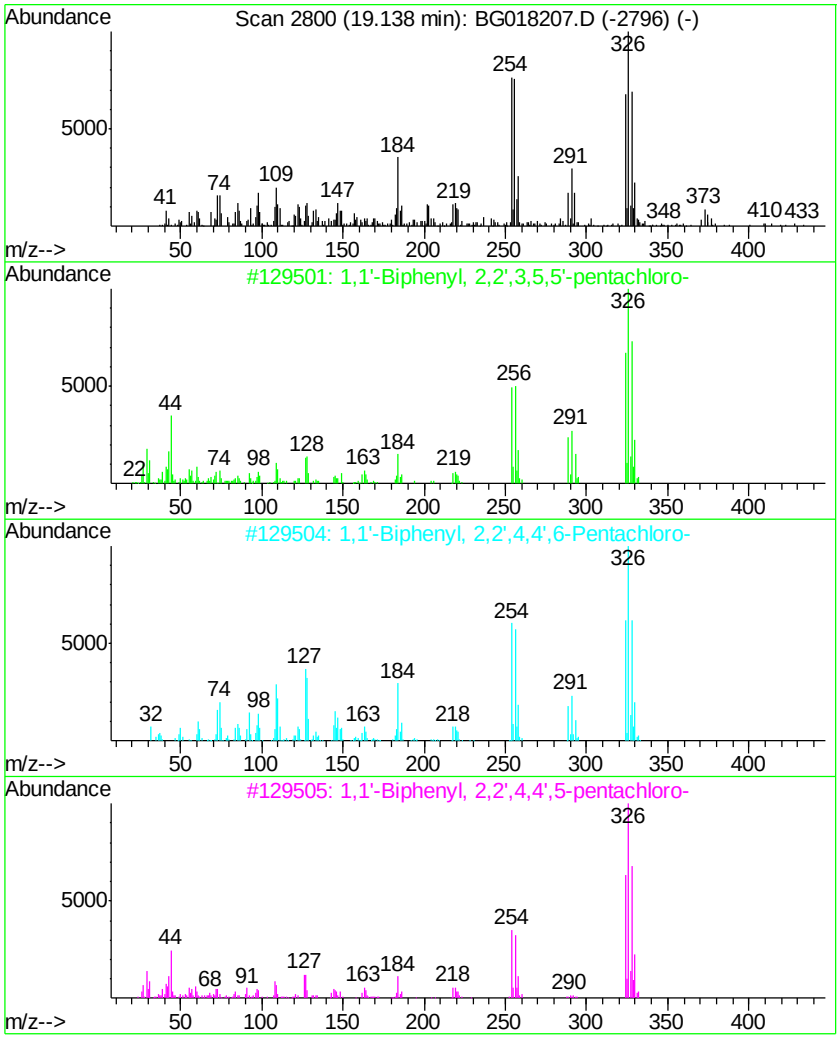
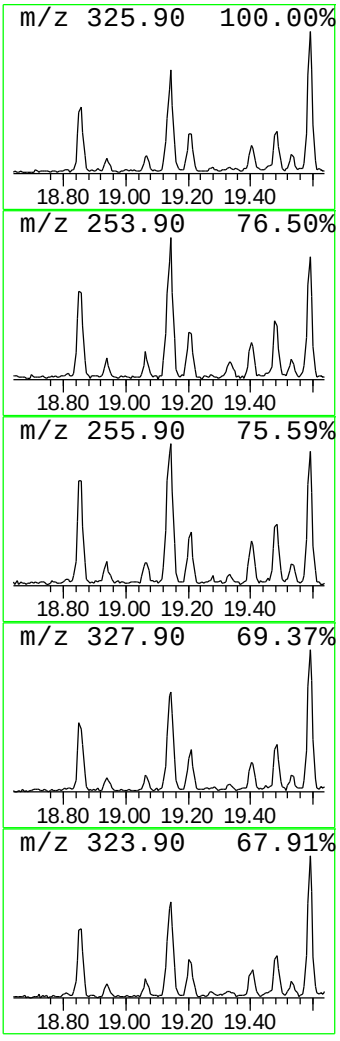
Peak Number 12 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.93 ng/ul	356481	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94





Library Search Compound Report

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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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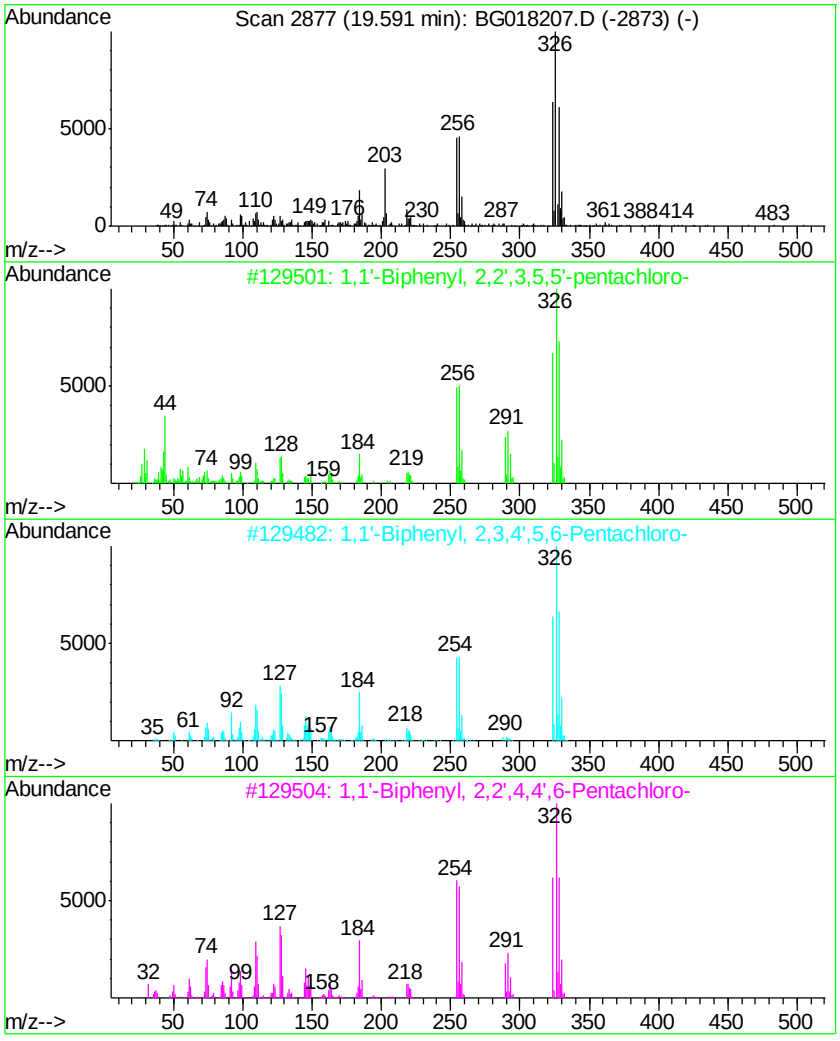
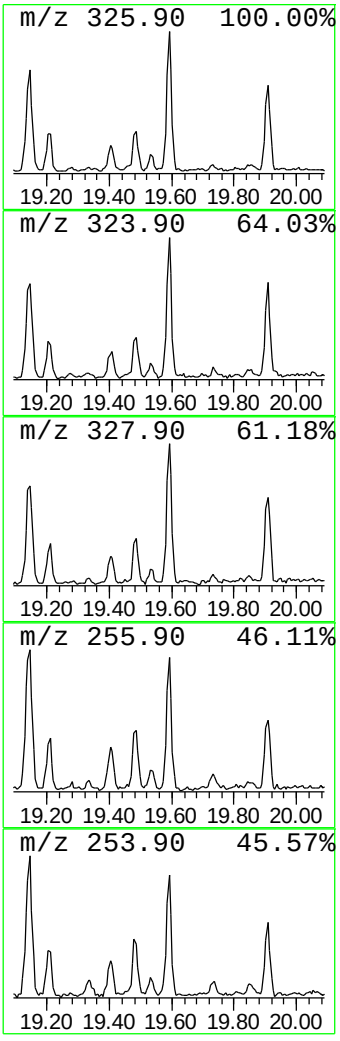
Peak Number 13 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.70 ng/ul	336092	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	94
2	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	94
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	93
4	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	93
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	93





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Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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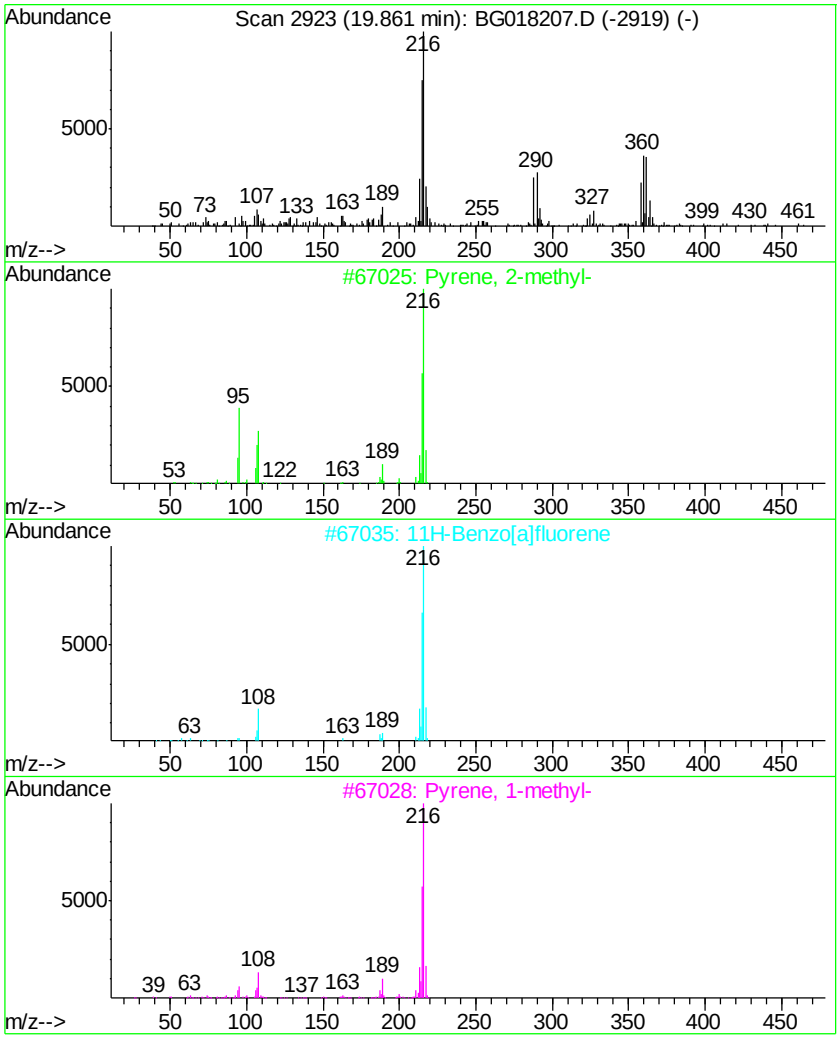
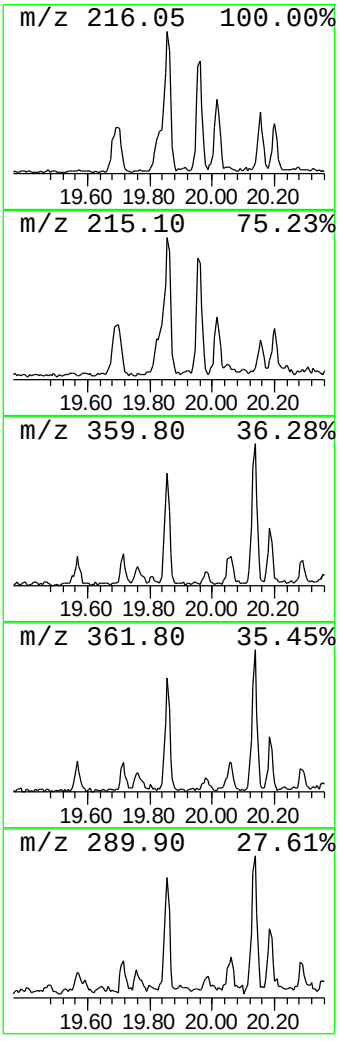
Peak Number 14 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	3.28 ng/ul	297283	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	38
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	38
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	30
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	30





Tentatively Identified Compound (LSC) summary

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Data File : BG018207.D
Acq On : 1 Aug 2015 6:58
Operator : TP/UM
Sample : G3065-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02G7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.32	2.0	ng/ul	48921	1	7.48	476364	20.0
Tri(2-chloroethyl...	16.44	2.4	ng/ul	107565	4	16.92	892292	20.0
Dibenzothiophene	16.74	2.1	ng/ul	93726	4	16.92	892292	20.0
1,1'-Biphenyl, 2'...	17.53	5.1	ng/ul	226670	4	16.92	892292	20.0
1H-Cyclopropa[l]p...	17.79	3.5	ng/ul	157304	4	16.92	892292	20.0
Phenanthrene, 1-m...	17.84	6.3	ng/ul	282681	4	16.92	892292	20.0
1,1'-Biphenyl, 2,...	17.99	9.3	ng/ul	413338	4	16.92	892292	20.0
1,1'-Biphenyl, 2,...	18.06	2.3	ng/ul	104064	4	16.92	892292	20.0
1,1'-Biphenyl, 2,...	18.28	5.0	ng/ul	223951	4	16.92	892292	20.0
1,1'-Biphenyl, 2,...	18.83	2.1	ng/ul	94753	4	16.92	892292	20.0
1,1'-Biphenyl, 2,...	18.86	6.8	ng/ul	304209	4	16.92	892292	20.0
1,1'-Biphenyl, 2,...	19.14	3.9	ng/ul	356481	5	21.13	1815160	20.0
1,1'-Biphenyl, 2,...	19.59	3.7	ng/ul	336092	5	21.13	1815160	20.0
unknown-01	19.86	3.3	ng/ul	297283	5	21.13	1815160	20.0