LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

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-BG080515.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	3.249	91	95	99	rBV2	16540	19065	0.96%	0.102%
2	3.425	121	125	130	rBV4	8308	9649	0.49%	0.051%
3	4.947	382	384	389	rBV3	5898	7860	0.40%	0.042%
4	5.082	401	407	409	rBV4	7185	10210	0.51%	0.054%
5	5.446	465	469	476	rVB4	11470	18904	0.95%	0.101%
6	6.527	649	653	657	rVV3	7443	10950	0.55%	0.058%
7	6.586	657	663	668	rVB3	7142	12795	0.64%	0.068%
8	6.645	668	673	686	rVB	148668	247512	12.47%	1.321%
9	6.780	690	696	701	rVV	103884	153145	7.71%	0.817%
10	6.974	722	729	737	rVB	155558	250159	12.60%	1.335%
11	7.086	740	748	756	rVB2	18114	28631	1.44%	0.153%
12	7.438	800	808	817	rBV	166511	268457	13.52%	1.432%
13	7.544	822	826	835	rVB2	12287	21356	1.08%	0.114%
14	7.979	896	900	903	rBV3	5335	8305	0.42%	0.044%
15	8.073	912	916	923	rVB3	9099	15235	0.77%	0.081%
16	8.178	928	934	941	rBV	168630	273412	13.77%	1.459%
17	8.261	941	948	955	rVB5	7724	18108	0.91%	0.097%
18	8.537	989	995	999	rBV3	12014	19655	0.99%	0.105%
19	8.596	999	1005	1013	rVV	148788	245930	12.39%	1.312%
20	8.919	1055	1060	1063	rBV3	9221	14024	0.71%	0.075%
21	9.013	1071	1076	1080	rBV4	5883	8501	0.43%	0.045%
22	9.124	1091	1095	1099	rBV5	6920	9831	0.50%	0.052%
23	9.312	1118	1127	1135	rBV	153077	258323	13.01%	1.378%
24	9.630	1176	1181	1185	rVB4	9654	13626	0.69%	0.073%
25	9.865	1215	1221	1229	rVV	214131	350069	17.63%	1.868%
26	10.006	1241	1245	1251	rVB2	7496	12998	0.65%	0.069%
27	10.223	1276	1282	1287	rVV	252141	417233	21.01%	2.226%
28	10.264	1287	1289	1296	rVB3	16777	28139	1.42%	0.150%
29	10.370	1300	1307	1317	rVV	73744	132818	6.69%	0.709%
30	10.975	1406	1410	1415	rBV4	5577	9031	0.45%	0.048%
31	11.063	1423	1425	1431	rVV5	5208	9056	0.46%	0.048%
32	11.145	1434	1439	1445	rVB4	5844	12286	0.62%	0.066%
33	11.604	1511	1517	1519	rBV4	6552	12413	0.63%	0.066%
34	11.903	1563	1568	1575	rVB2	19151	34061	1.72%	0.182%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

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-BG080515.M
Title : SVOA CALIBRATION

35	12.127	1602	1606	1614	rVB2	12493	21944	1.11%	0.117%
36	12.644	1691	1694	1697	rVV5	8560	9938	0.50%	0.053%
37	12.685	1697	1701	1704	rVV5	12628	22064	1.11%	0.118%
38	12.714	1704	1706	1709	rVB4	8857	8671	0.44%	0.046%
39	12.826	1721	1725	1727	rBV5	4881	7408	0.37%	0.040%
40	12.873	1729	1733	1737	rVV7	10154	15849	0.80%	0.085%
41	12.943	1741	1745	1751	rVB8	10227	17894	0.90%	0.095%
42	13.084	1766	1769	1772	rBV5	4191	7492	0.38%	0.040%
43	13.296	1803	1805	1808	rVB4	10659	9791	0.49%	0.052%
44	13.431	1824	1828	1833	rBV7	20452	34311	1.73%	0.183%
45	13.490	1835	1838	1840	rVV3	8226	9646	0.49%	0.051%
46	13.537	1840	1846	1850	rVV	374147	541539	27.27%	2.889%
47	13.584	1850	1854	1864	rVV	167037	247142	12.45%	1.319%
48	13.666	1864	1868	1871	rVB6	10805	17085	0.86%	0.091%
49	13.807	1886	1892	1903	rVV	328492	518284	26.10%	2.765%
50	13.936	1911	1914	1920	rVB6	27426	42681	2.15%	0.228%
51	14.071	1935	1937	1940	rBV3	8054	9832	0.50%	0.052%
52	14.118	1940	1945	1952	rVV2	360941	562105	28.31%	2.999%
53	14.189	1952	1957	1964	rVB4	34094	57012	2.87%	0.304%
54	14.389	1986	1991	1996	rVB2	65221	100826	5.08%	0.538%
55	14.524	2007	2014	2018	rBV3	26344	58437	2.94%	0.312%
56	14.659	2032	2037	2040	rBV6	11376	19486	0.98%	0.104%
57	14.747	2050	2052	2055	rBV3	8507	10608	0.53%	0.057%
58	14.835	2065	2067	2068	rBV2	10308	7454	0.38%	0.040%
59	14.912	2075	2080	2086	rBV7	33655	63114	3.18%	0.337%
60	14.994	2091	2094	2096	rBV4	20576	22757	1.15%	0.121%
61	15.123	2111	2116	2121	rVB	376194	534912	26.94%	2.854%
62	15.182	2121	2126	2129	rBV2	33227	51315	2.58%	0.274%
63	15.276	2138	2142	2145	rBV	42526	51285	2.58%	0.274%
64	15.358	2151	2156	2157	rBV5	37012	48730	2.45%	0.260%
65	15.863	2239	2242	2243	rBV3	30790	32504	1.64%	0.173%
66	16.404	2330	2334	2338	rBV5	52625	76789	3.87%	0.410%
67	16.657	2372	2377	2381	rBV2	310735	370160	18.64%	1.975%
68	16.762	2391	2395	2399	rBV2	132236	148245	7.47%	0.791%
69	16.880	2411	2415	2419	rBV	317899	456644	23.00%	2.436%
70	16.927	2419	2423	2427	rVB	278723	388045	19.54%	2.070%
71	16.980	2427	2432	2436	rBV2	308891	439562	22.14%	2.345%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

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-BG080515.M
Title : SVOA CALIBRATION

72	17.491	2514	2519	2523	rVB3	95390	170685	8.60%	0.911%
73	17.802	2569	2572	2578	rVB3	110389	163427	8.23%	0.872%
74	17.867	2578	2583	2587	rBV	407163	520962	26.24%	2.780%
75	17.955	2594	2598	2603	rBV2	238562	333061	16.77%	1.777%
76	18.020	2606	2609	2613	rVB3	101559	122962	6.19%	0.656%
77	18.061	2613	2616	2619	rBV5	61265	79885	4.02%	0.426%
78	18.249	2644	2648	2654	rBV5	109157	183908	9.26%	0.981%
79	18.425	2675	2678	2682	rBV6	48454	68596	3.45%	0.366%
80	18.795	2738	2741	2742	rBV2	99015	103591	5.22%	0.553%
81	18.819	2742	2745	2755	rVB4	205327	344960	17.37%	1.841%
82	18.960	2764	2769	2773	rBV	543547	692665	34.88%	3.696%
83	19.107	2790	2794	2799	rVB2	289871	404442	20.37%	2.158%
84	19.171	2802	2805	2809	rVV4	96614	108980	5.49%	0.581%
85	19.295	2822	2826	2829	rBV2	310557	465768	23.46%	2.485%
86	19.324	2829	2831	2835	rVB	373569	419407	21.12%	2.238%
87	19.448	2849	2852	2856	rVB4	101610	120072	6.05%	0.641%
88	19.553	2867	2870	2877	rVB2	239432	341179	17.18%	1.820%
89	19.818	2912	2915	2921	rVB3	214538	292147	14.71%	1.559%
90	19.876	2922	2925	2929	rVB	175755	201248	10.14%	1.074%
91	20.100	2960	2963	2966	rBV	173884	217390	10.95%	1.160%
92	20.241	2984	2987	2993	rVB	256917	295236	14.87%	1.575%
93	20.417	3015	3017	3021	rVB4	128105	138732	6.99%	0.740%
94	20.728	3067	3070	3075	rBV2	102894	154575	7.78%	0.825%
95	21.022	3116	3120	3127	rBV	1756690	1985649	100.00%	10.595%
96	21.099	3127	3133	3136	rBV2	465572	921616	46.41%	4.917%
97	21.134	3136	3139	3149	rVB	341745	461192	23.23%	2.461%
98	21.739	3239	3242	3247	rBV3	260511	309904	15.61%	1.654%
99	21.886	3264	3267	3271	rBV	427716	516075	25.99%	2.754%
100	22.626	3389	3393	3398	rBV	320952	600619	30.25%	3.205%

Sum of corrected areas: 18742241

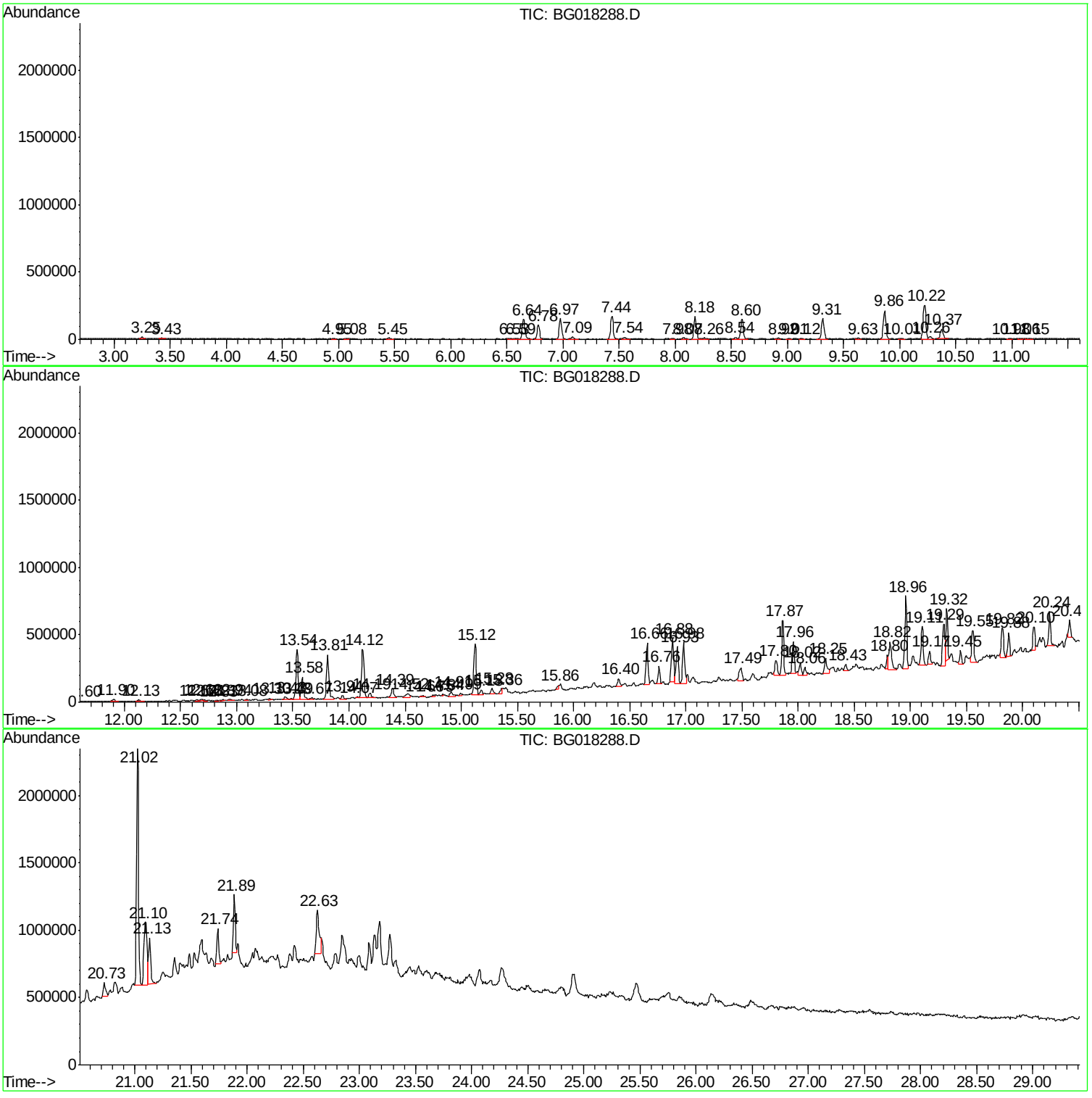
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

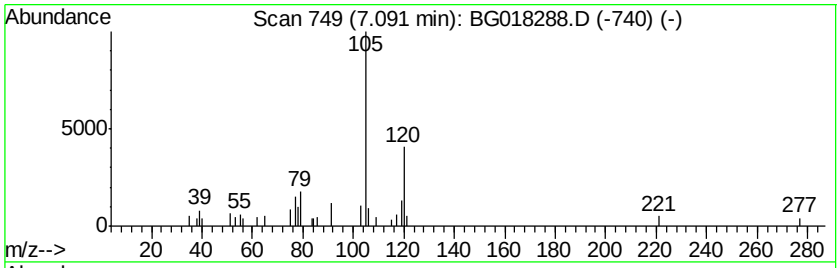
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

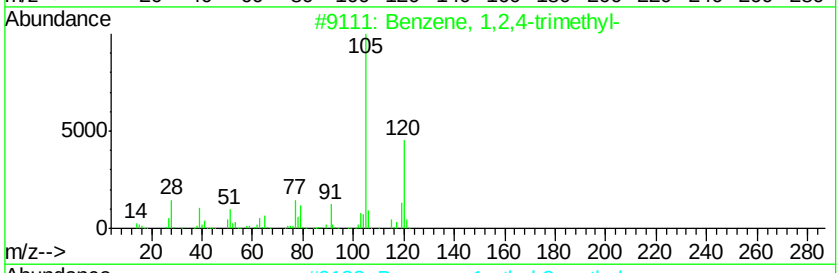
****

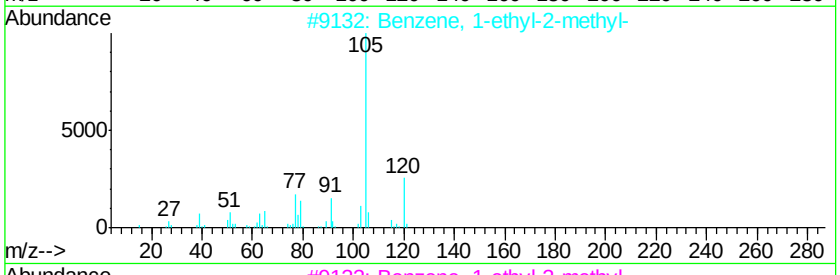
Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 24

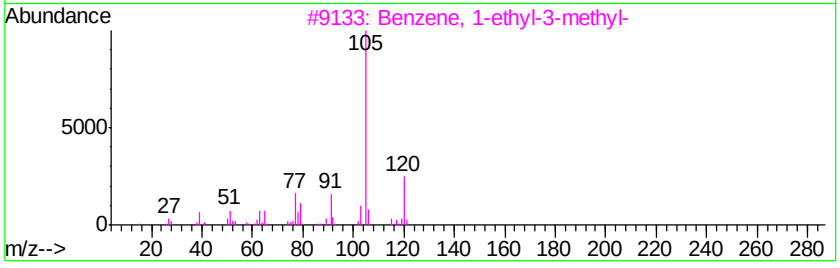
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.13 ng/ul	28631	1,4-Dichlorobenzene-d4	7.44

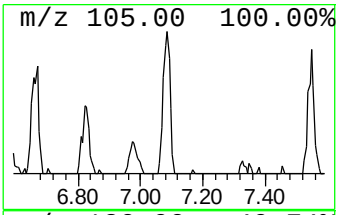
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	59

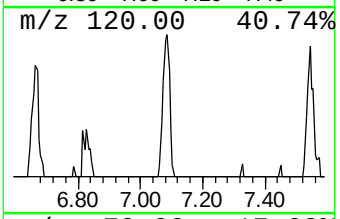


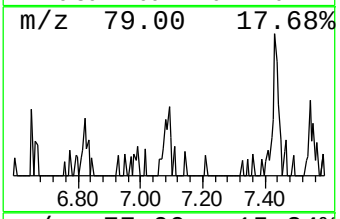


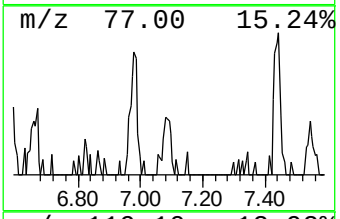


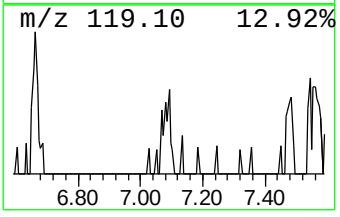












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

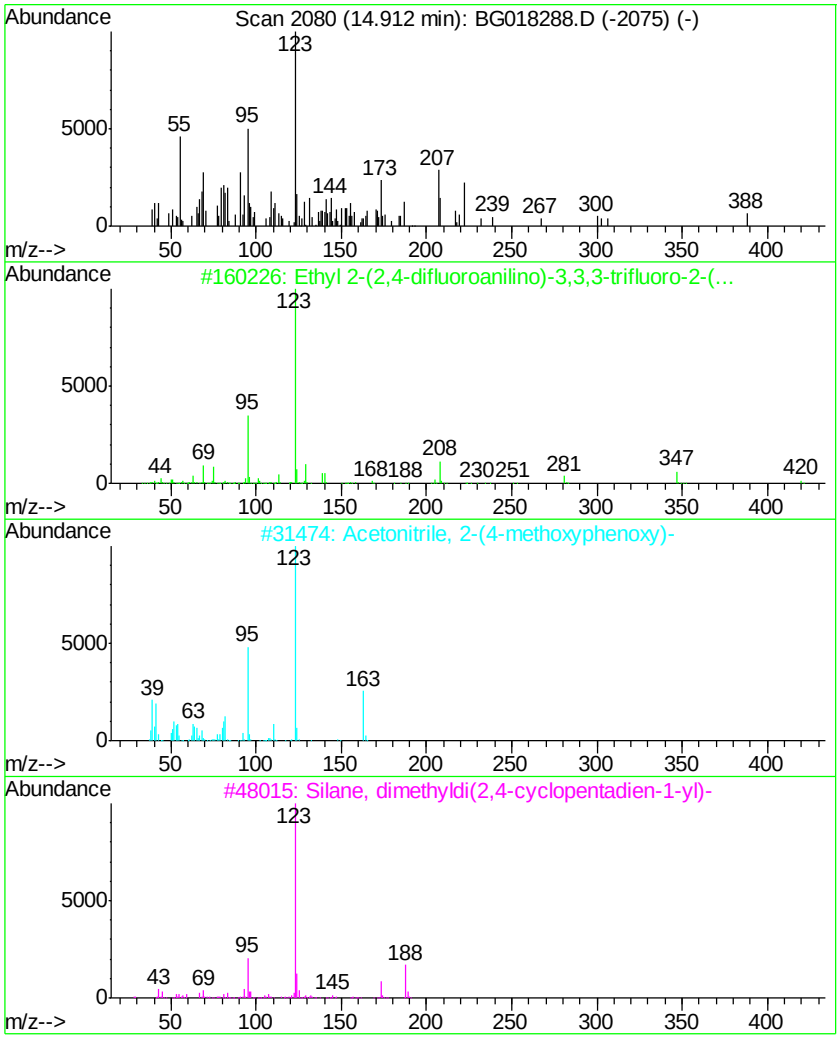
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

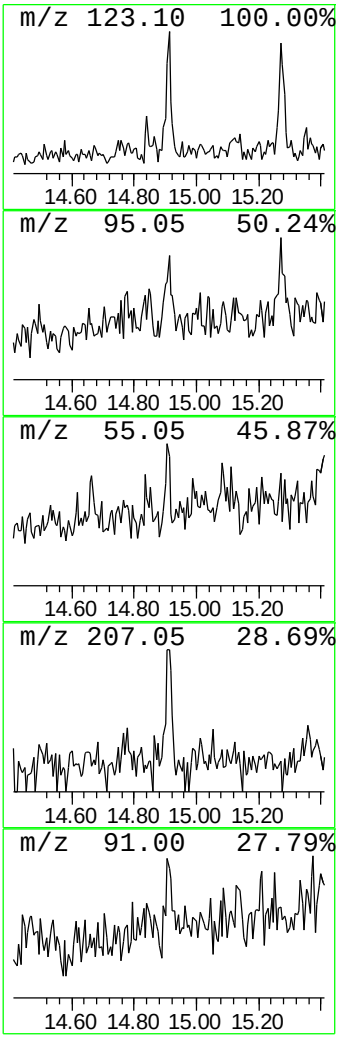
****

Peak Number 2 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.25 ng/ul	63114	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2-(2,4-difluoroanilino)-3,...	420	C18H14F6N2O3	339353-07-0	47
2	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	46
3	Silane, dimethyldi(2,4-cyclopent...	188	C12H16Si	018053-74-2	43
4	2-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	1000145-92-8	43
5	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

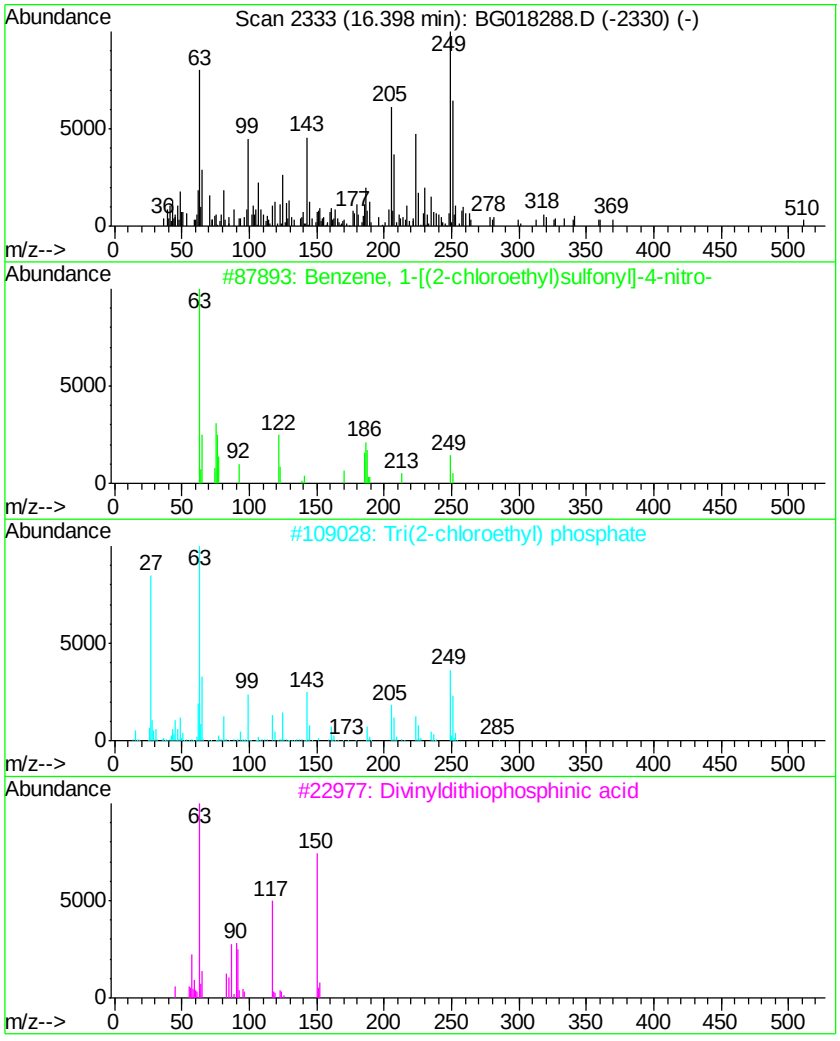
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

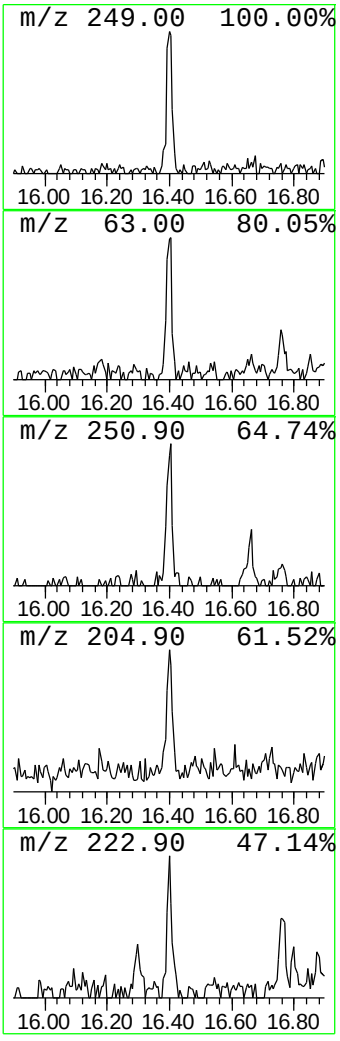
****

Peak Number 3 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	3.36 ng/ul	76789	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-[(2-chloroethyl)sulfo...	249	C8H8ClNO4S	006461-63-8	47
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	42
3	Divinyldithiophosphinic acid	150	C4H7PS2	085417-00-1	38
4	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	38
5	Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

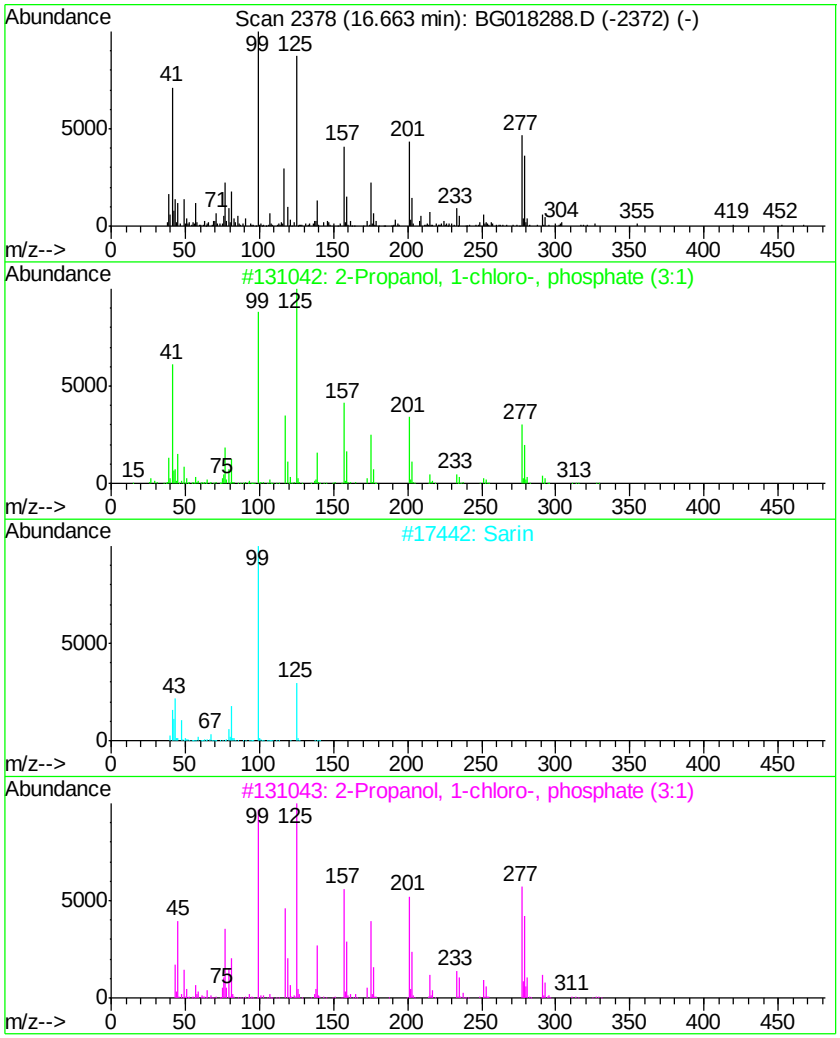
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

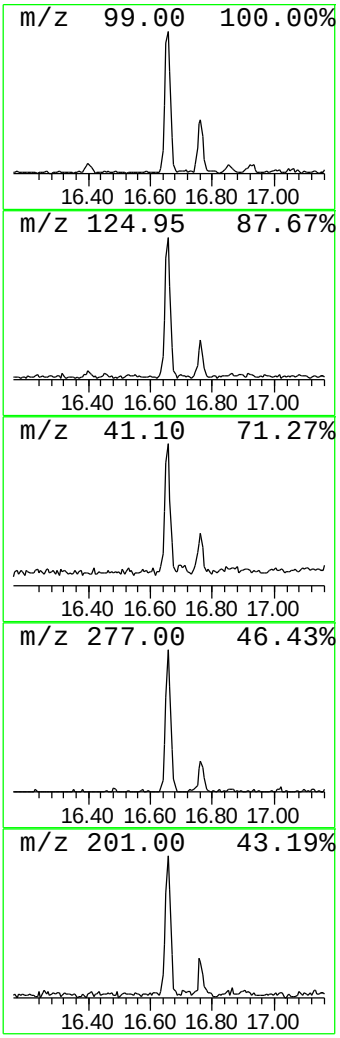
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propanol, 1-chloro-, phos... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	16.21 ng/ul	370160	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Sarin	140	C4H10FO2P	000107-44-8	35
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	18
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	16
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	14





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

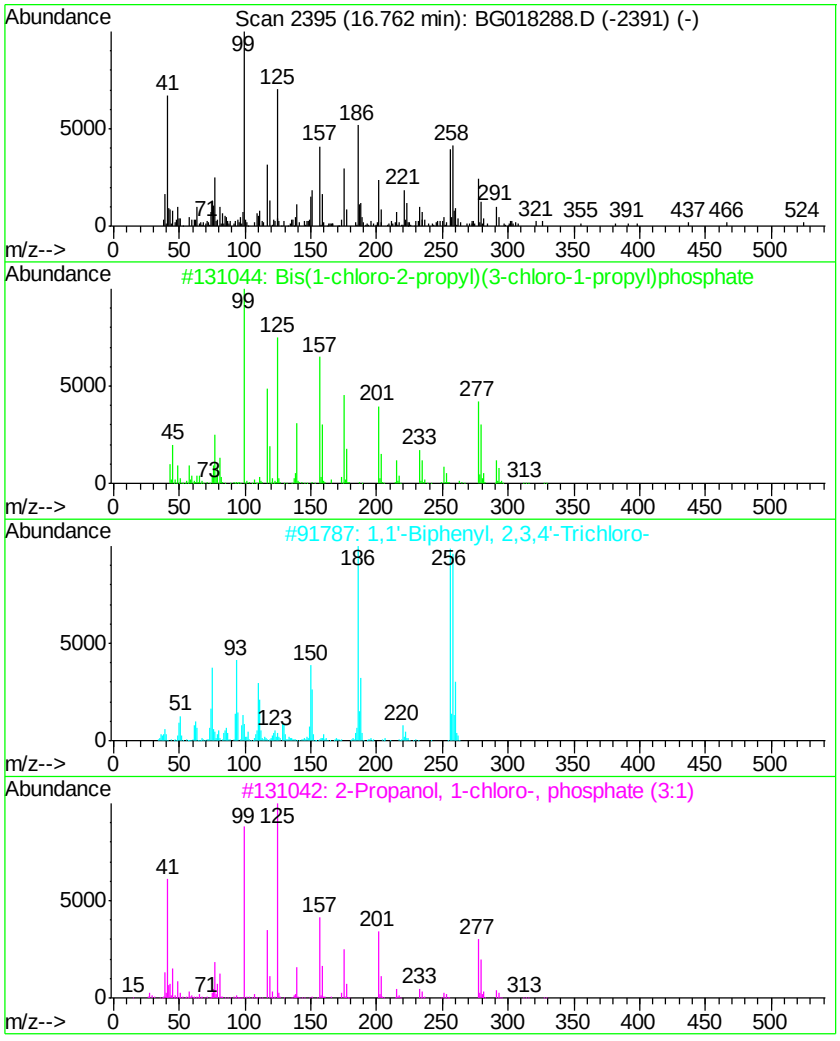
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

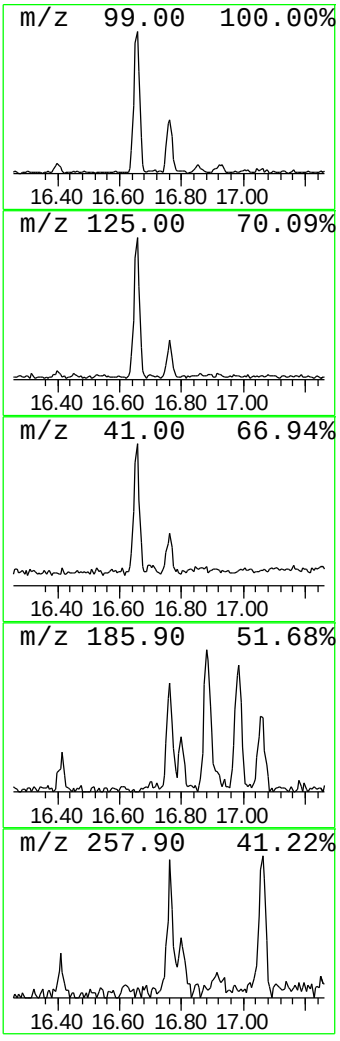
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bis(1-chloro-2-propyl)(3-ch... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	6.49 ng/ul	148245	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	60
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	52
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	38
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	30
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	25





Library Search Compound Report

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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

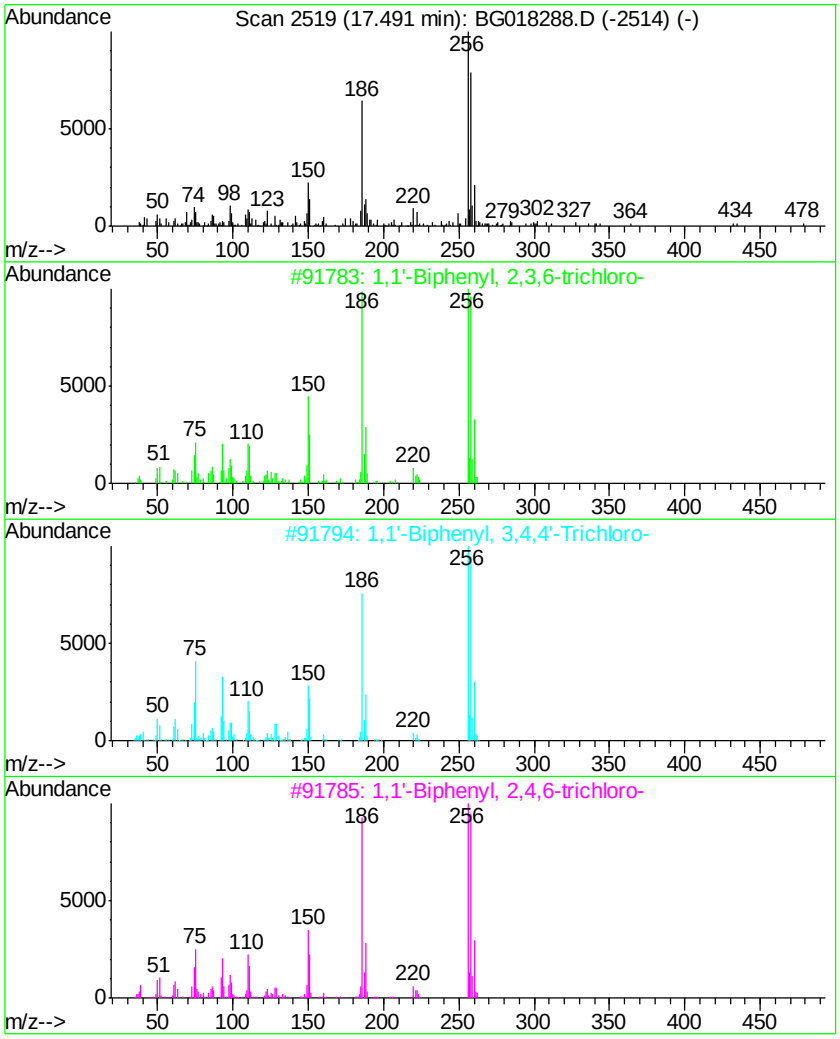
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

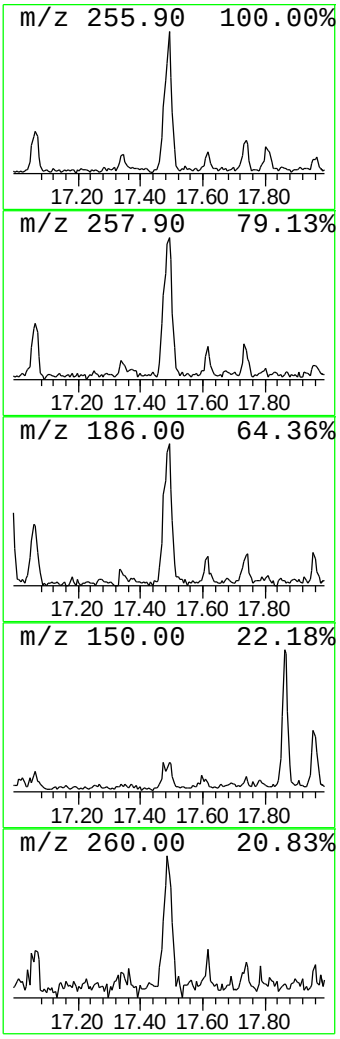
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	7.48 ng/ul	170685	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
2	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	90
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	89
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	89
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	89





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

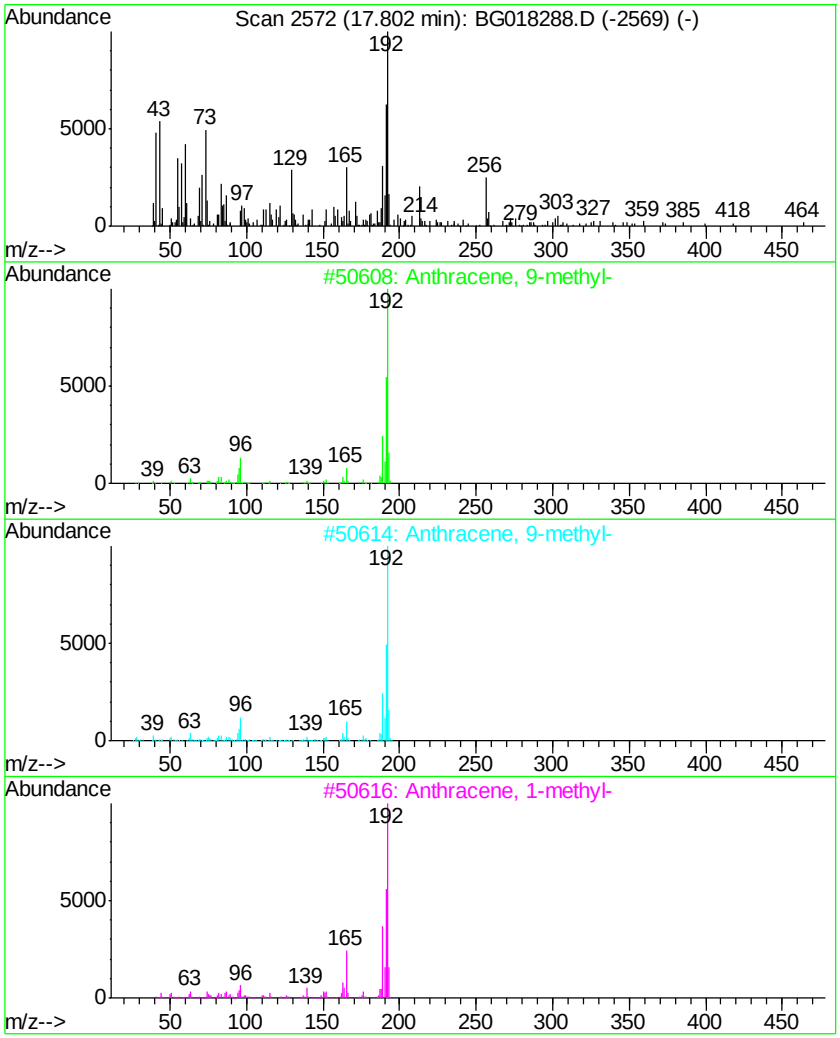
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

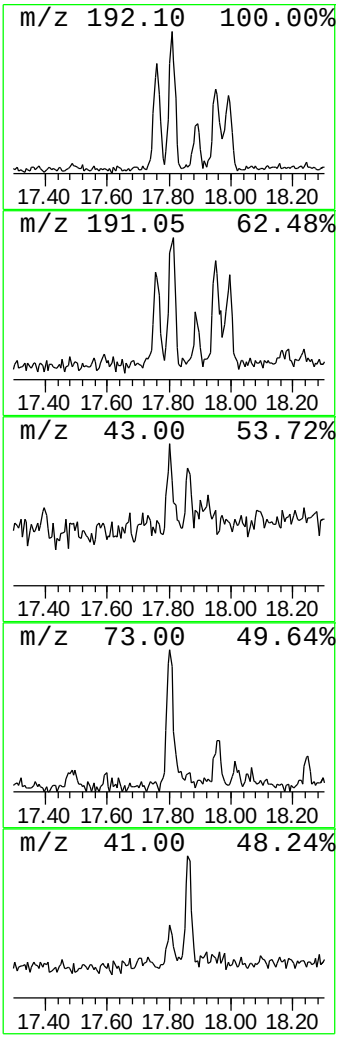
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	7.16 ng/ul	163427	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	45





Library Search Compound Report

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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

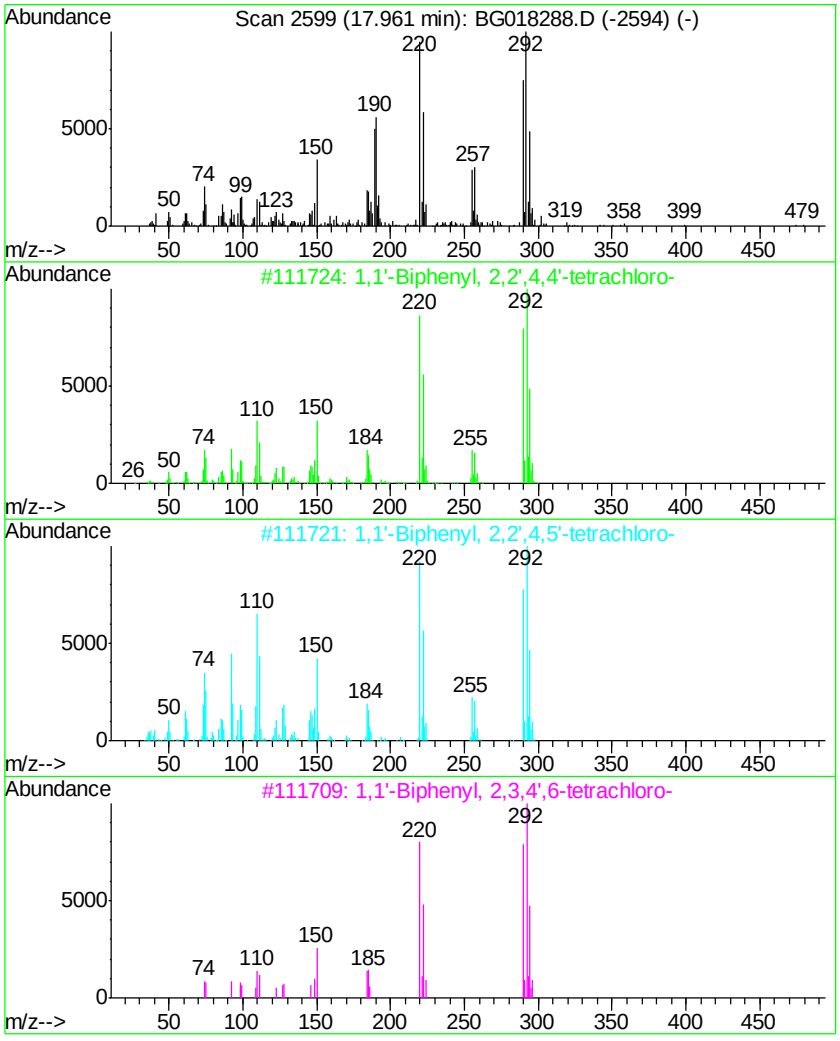
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

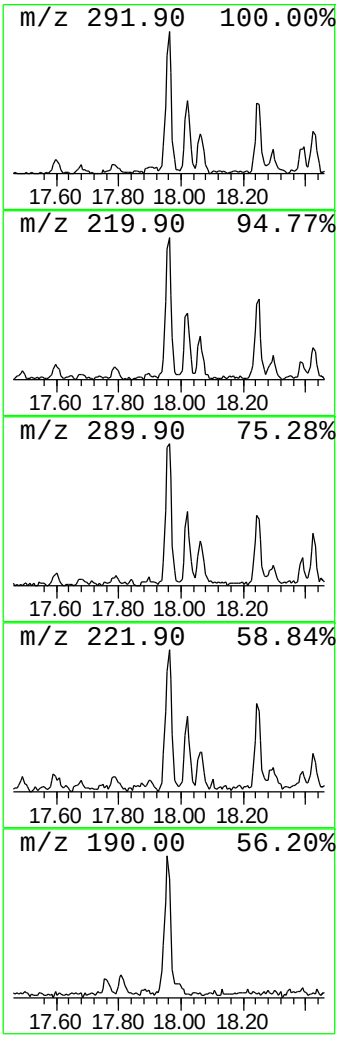
****

Peak Number 8 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	14.59 ng/ul	333061	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	94
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	93
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	93
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	92





Library Search Compound Report

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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

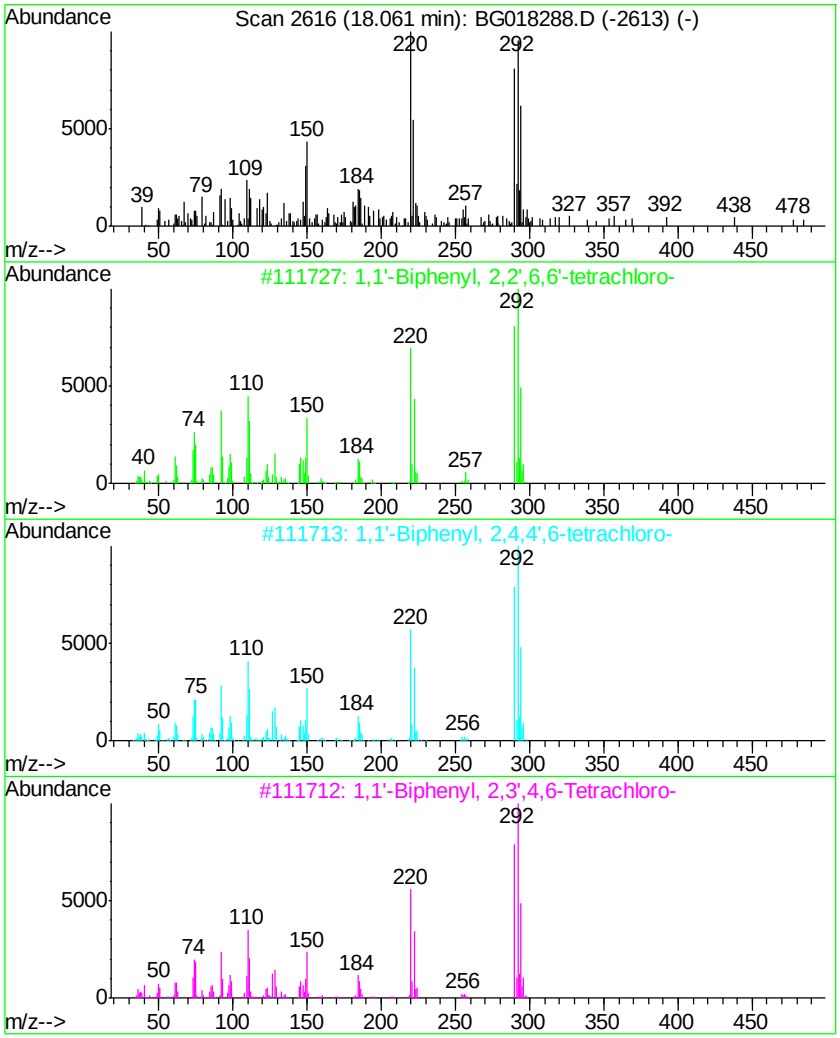
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

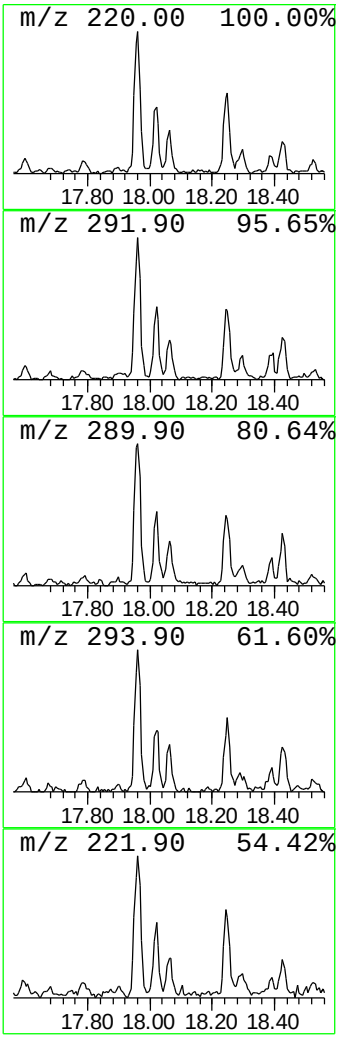
****

Peak Number 10 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.50 ng/ul	79885	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	94
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	94
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	94
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	94
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	93





Library Search Compound Report

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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

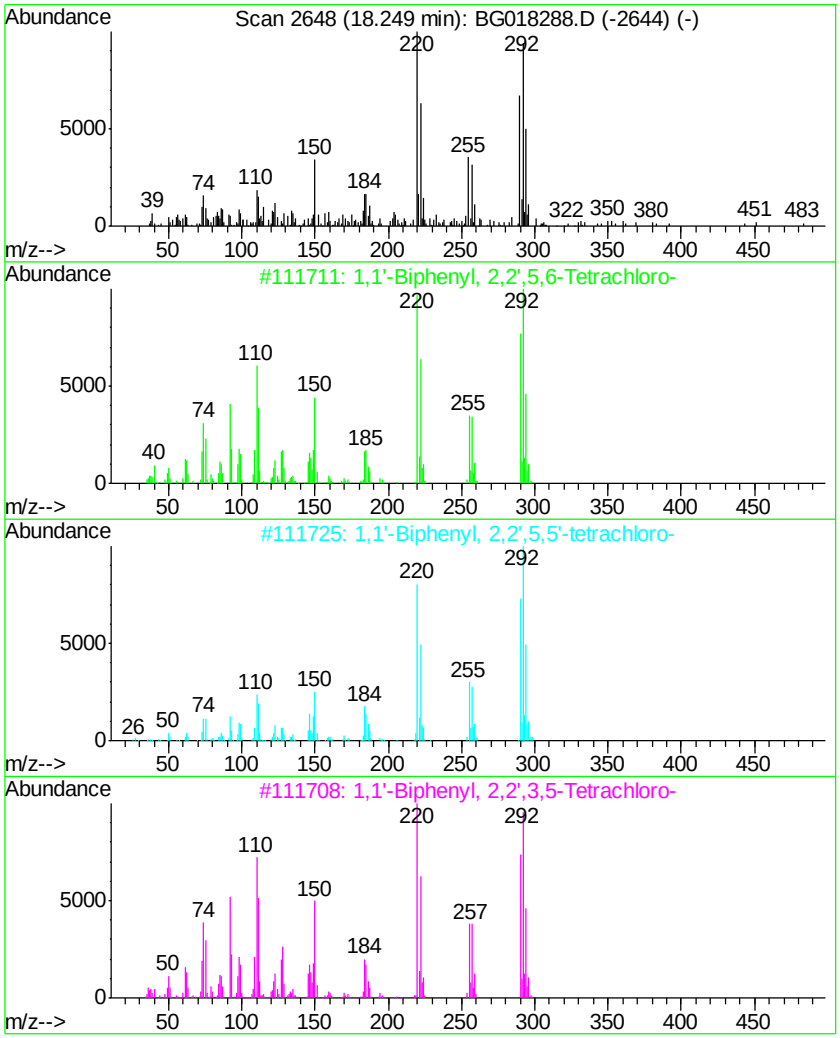
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

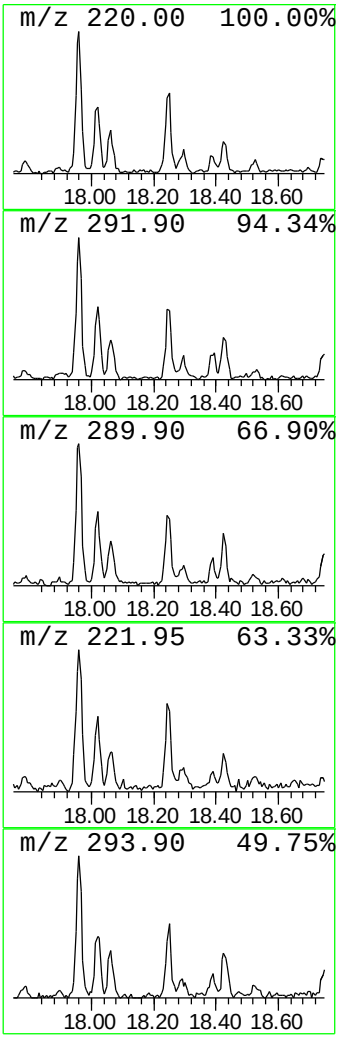
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	8.05 ng/ul	183908	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	95
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
3	1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	94
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	93





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

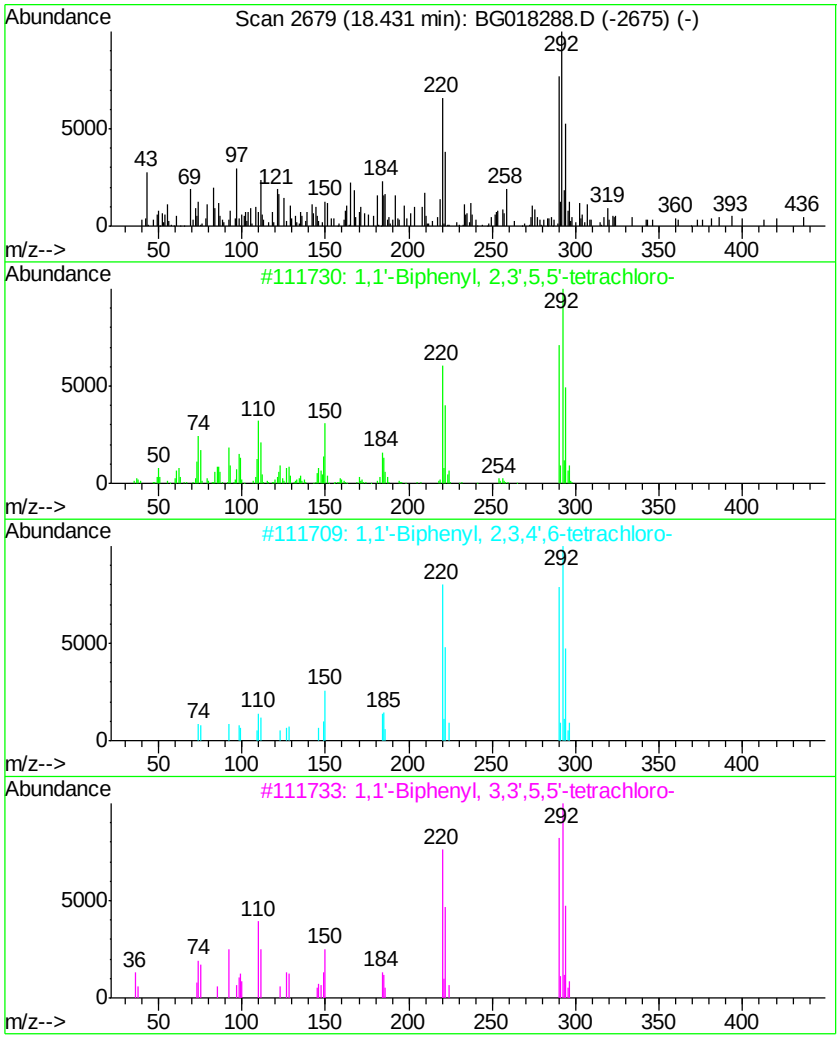
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

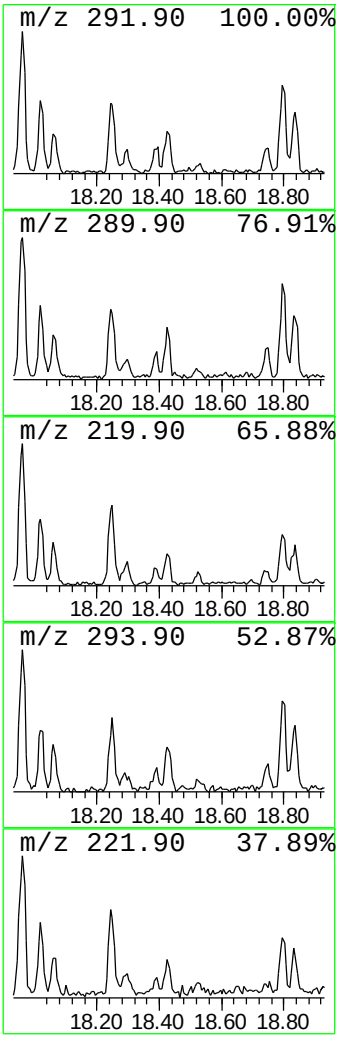
****

Peak Number 12 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.00 ng/ul	68596	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	94
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	93
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	93
4	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	93
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	93





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

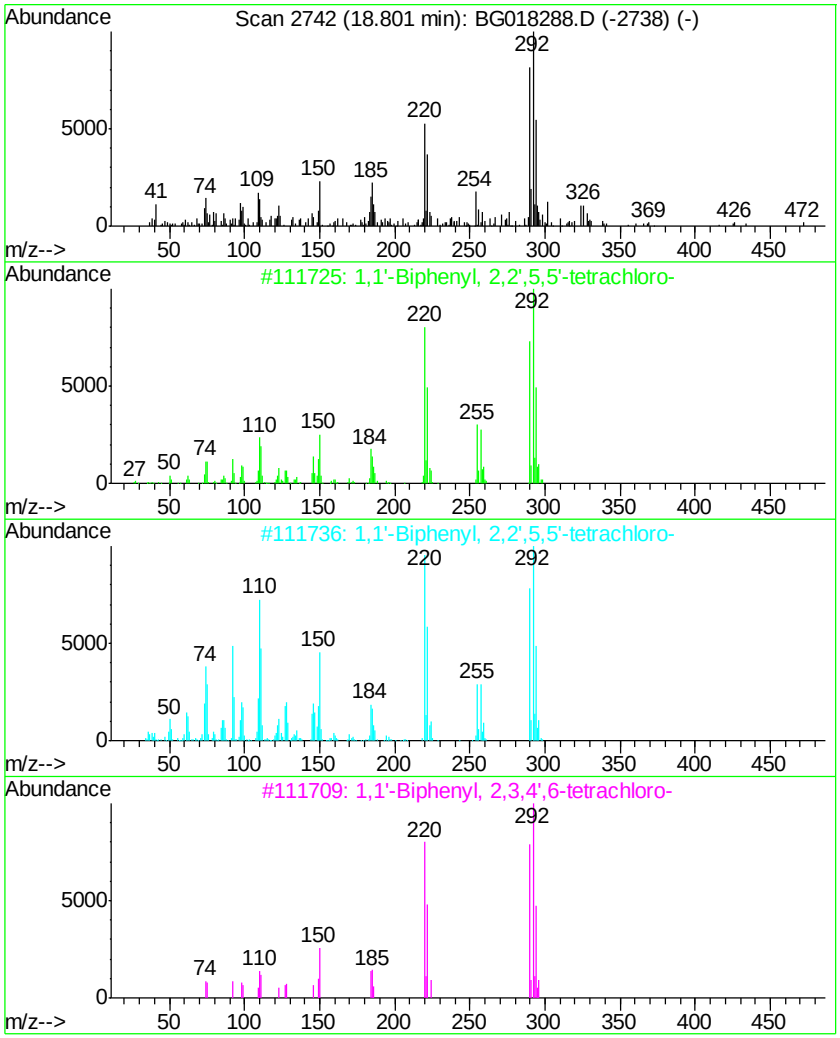
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

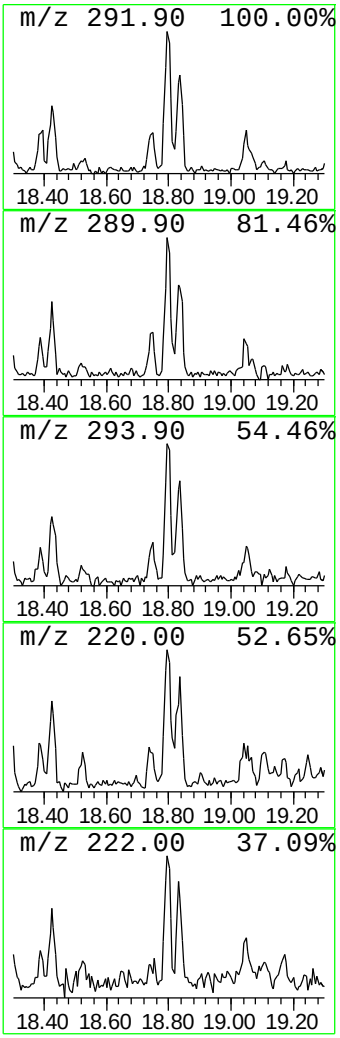
****

Peak Number 13 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	4.54 ng/ul	103591	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	94
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	94
5	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	94





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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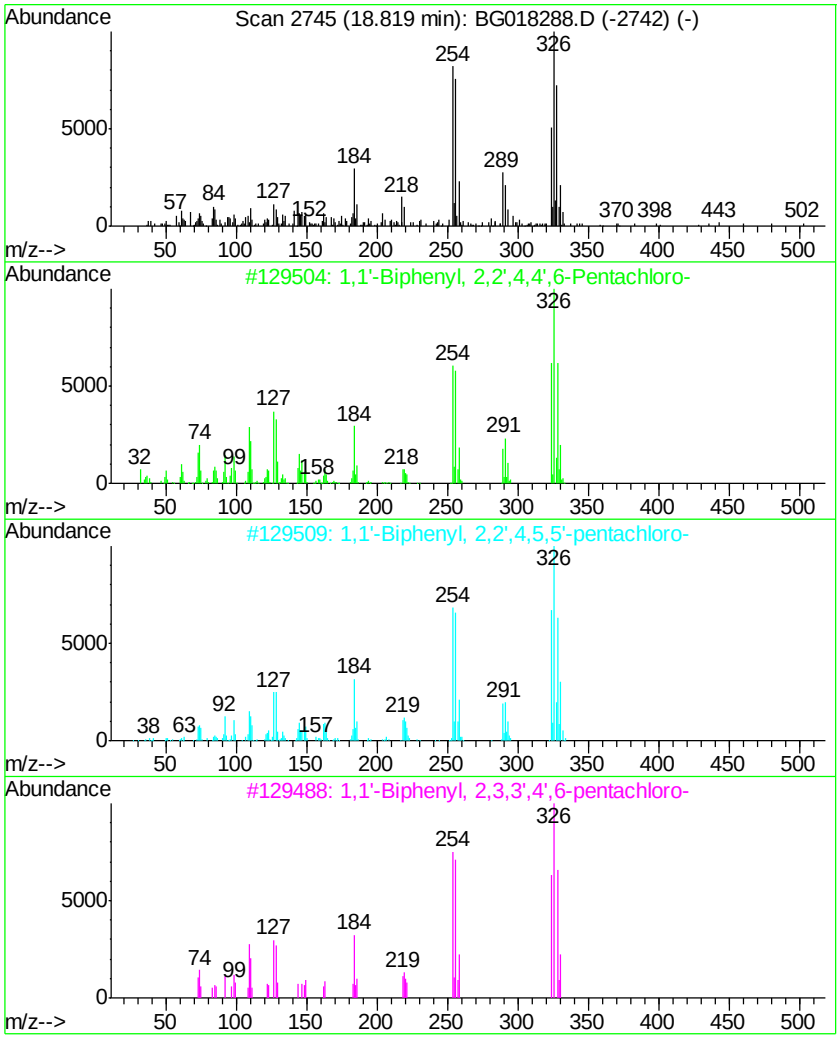
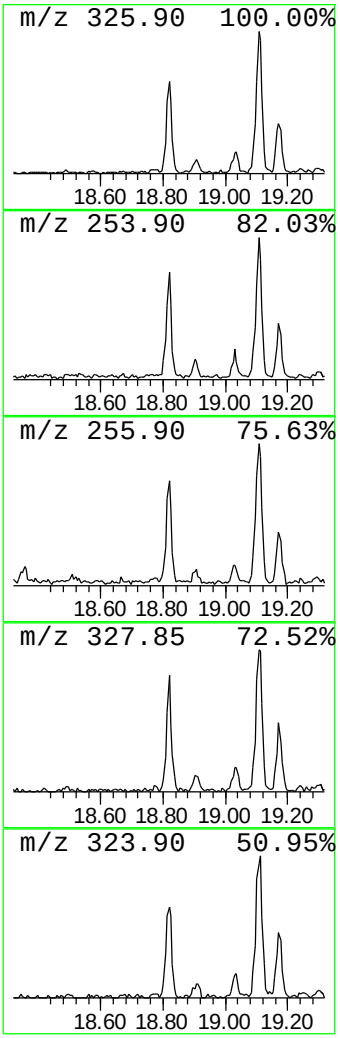
Peak Number 14 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	15.11 ng/ul	344960	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	94
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94





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Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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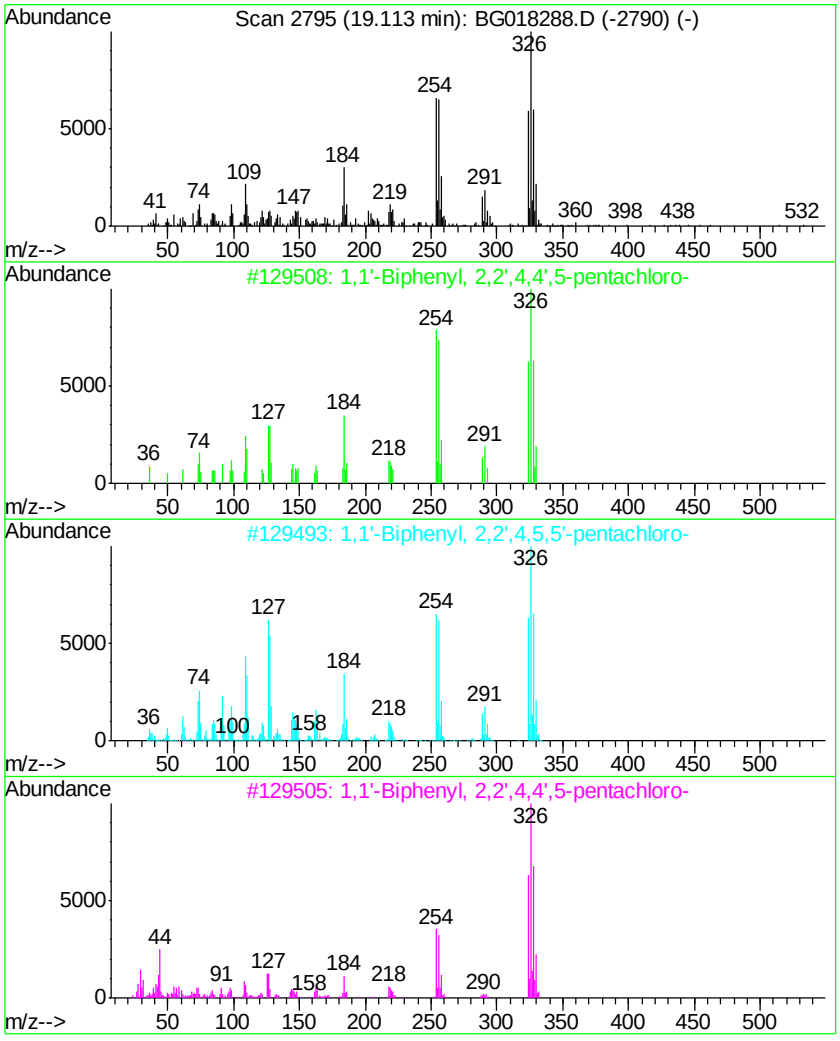
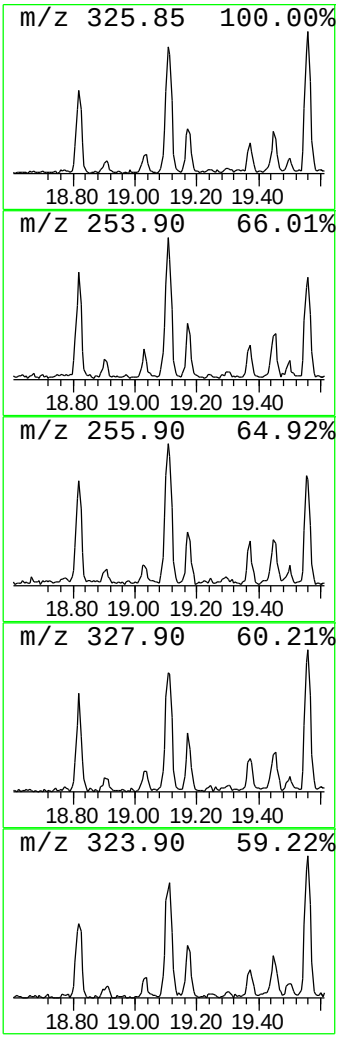
Peak Number 15 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	8.78 ng/ul	404442	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

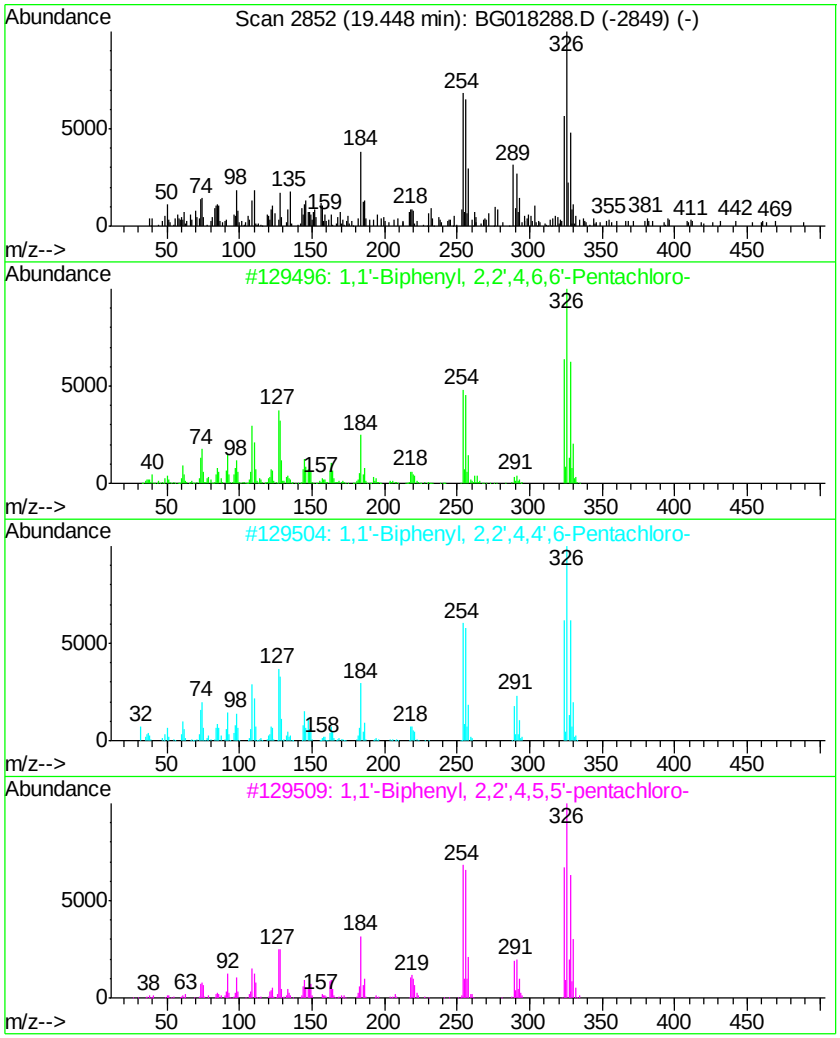
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

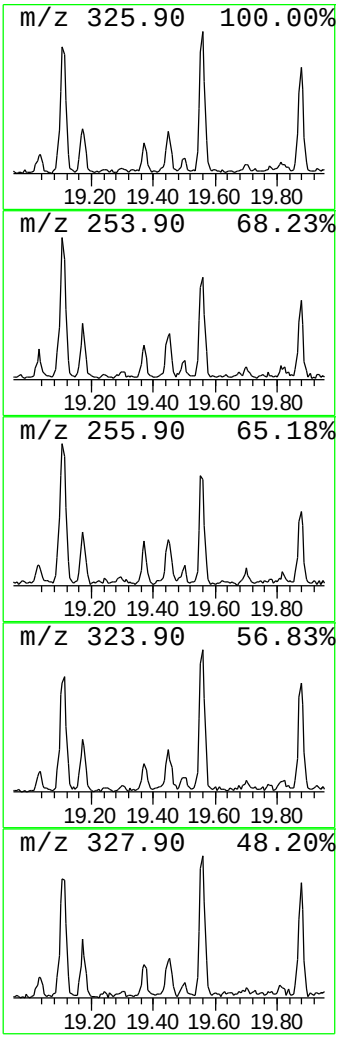
****

Peak Number 17 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.61 ng/ul	120072	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	91
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	91
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	87
4	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	83
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

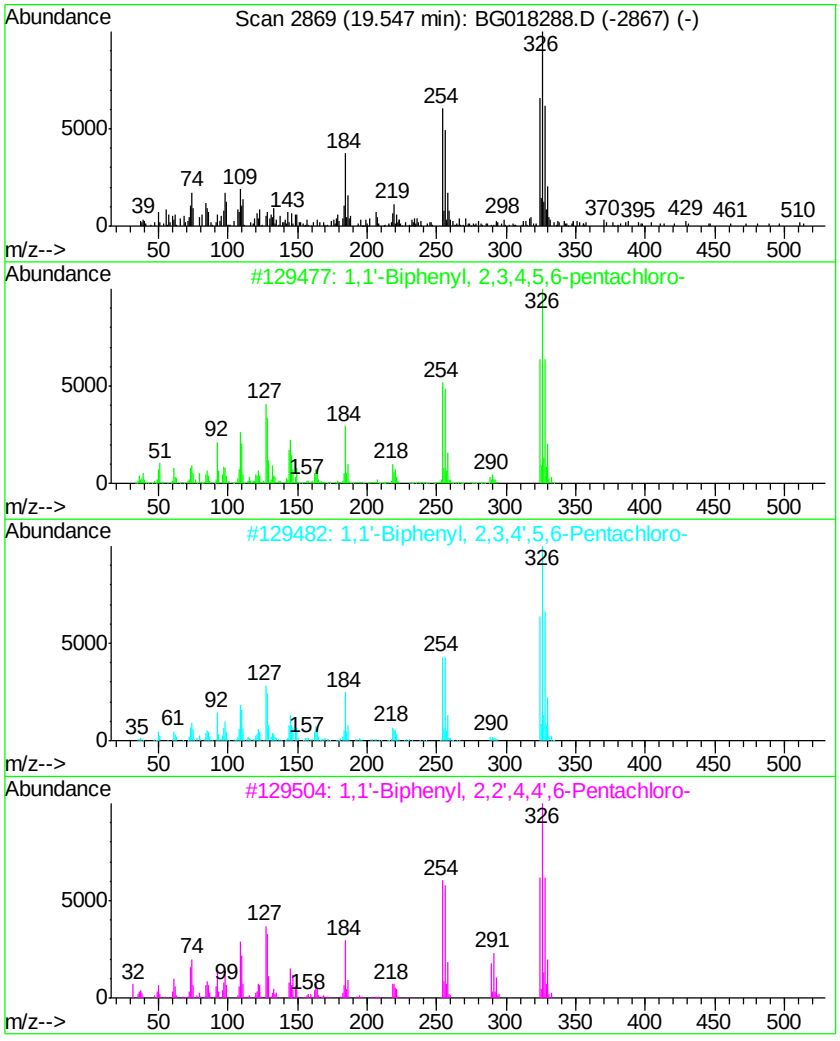
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

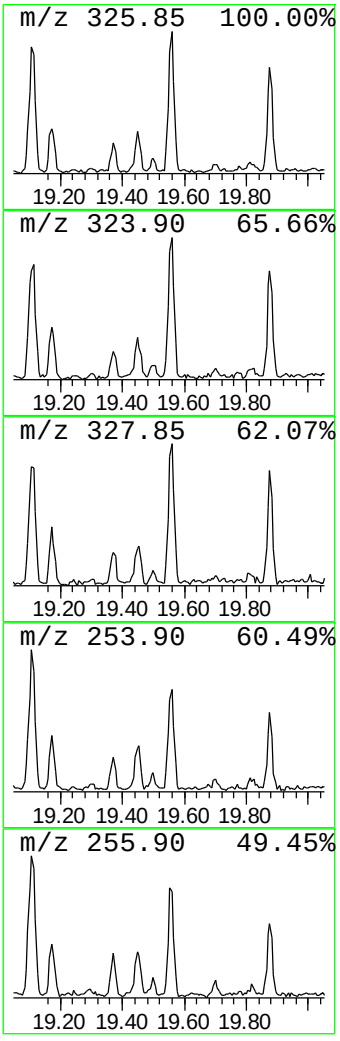
****

Peak Number 18 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	7.40 ng/ul	341179	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95
2	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
4	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	94
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

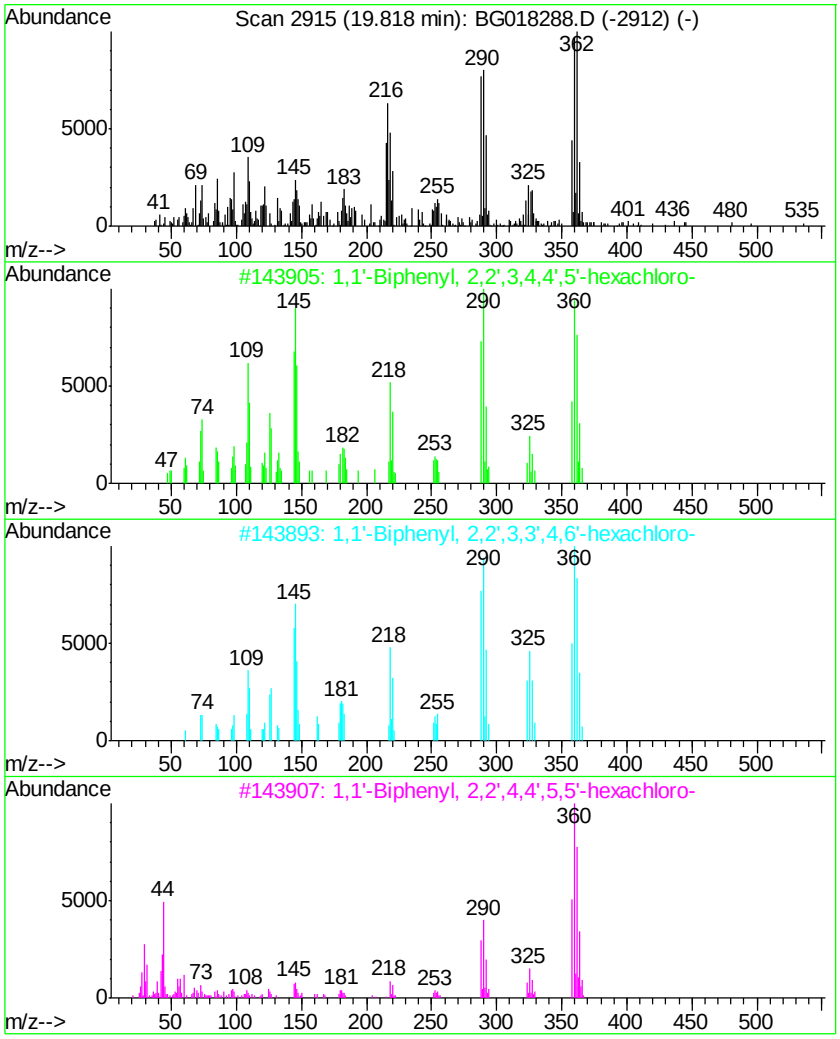
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

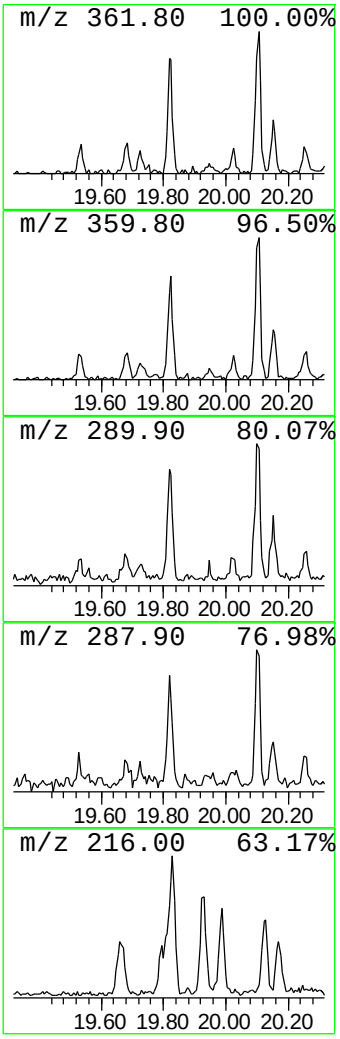
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	6.34 ng/ul	292147	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94
2	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	91
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	86
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	86
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	83





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Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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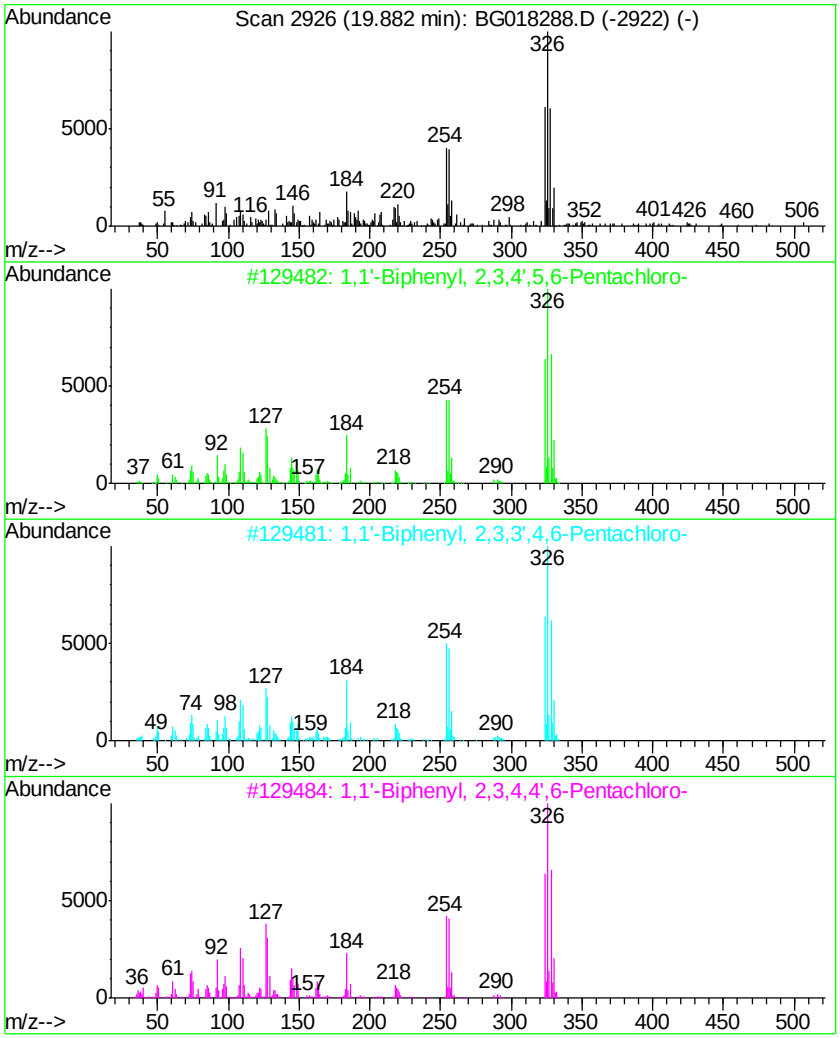
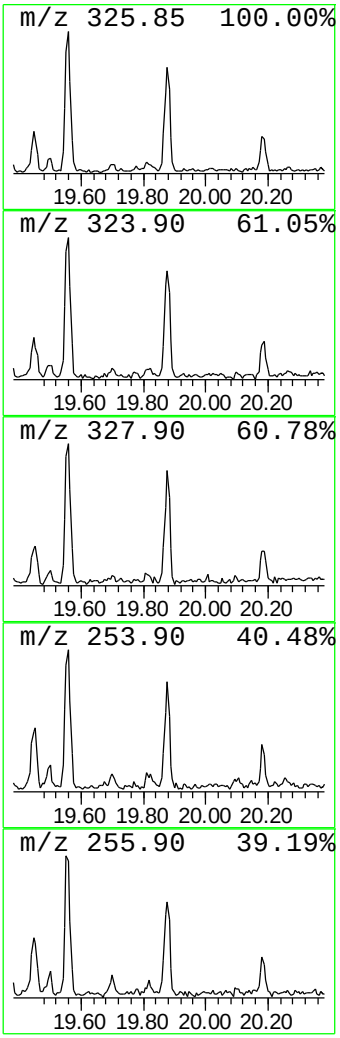
Peak Number 20 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	4.37 ng/ul	201248	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
2	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
3	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	95
4	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

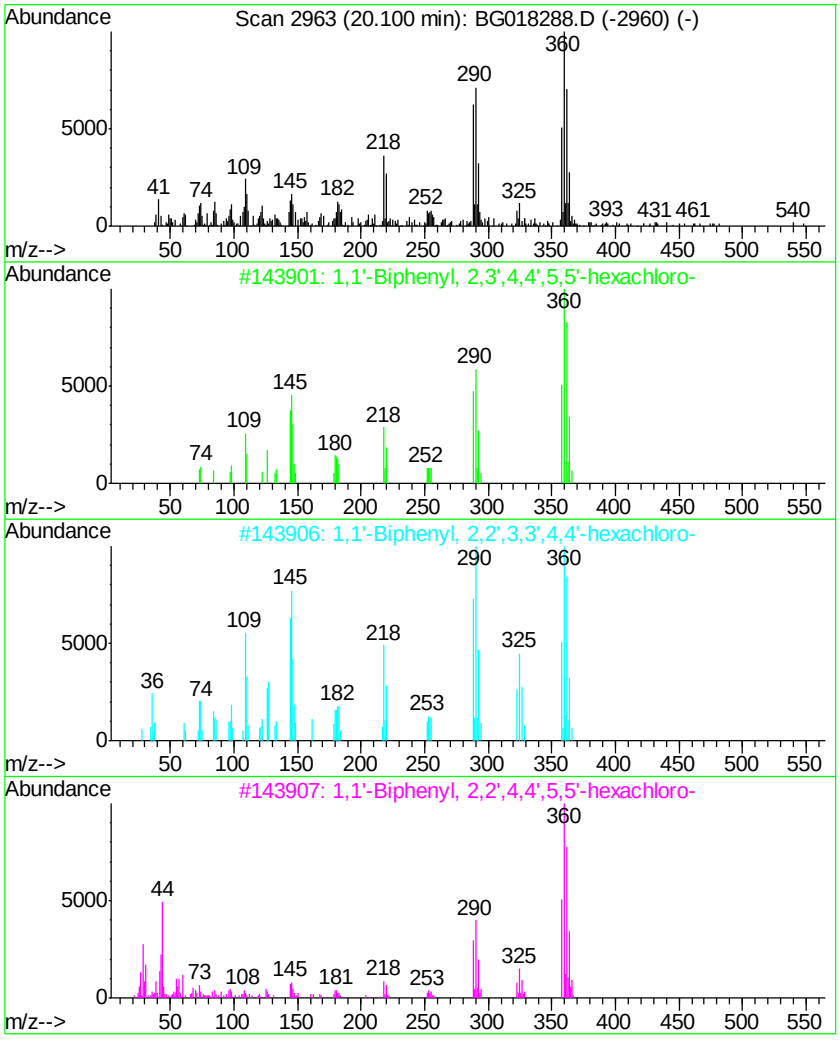
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

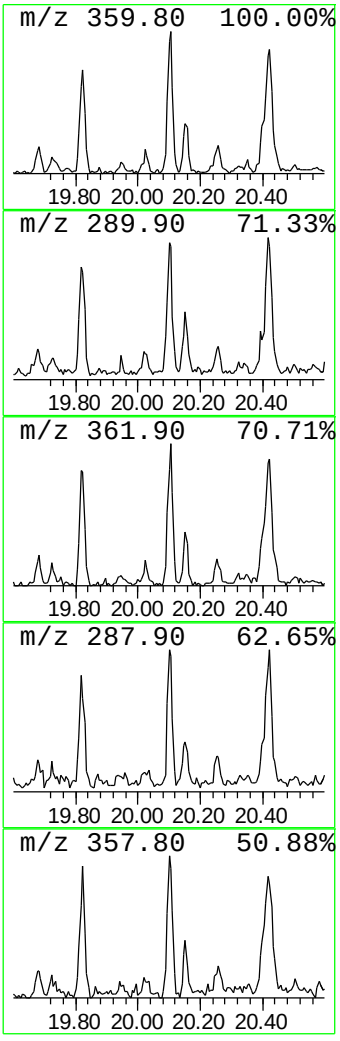
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	4.72 ng/ul	217390	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	96
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	94
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	94
5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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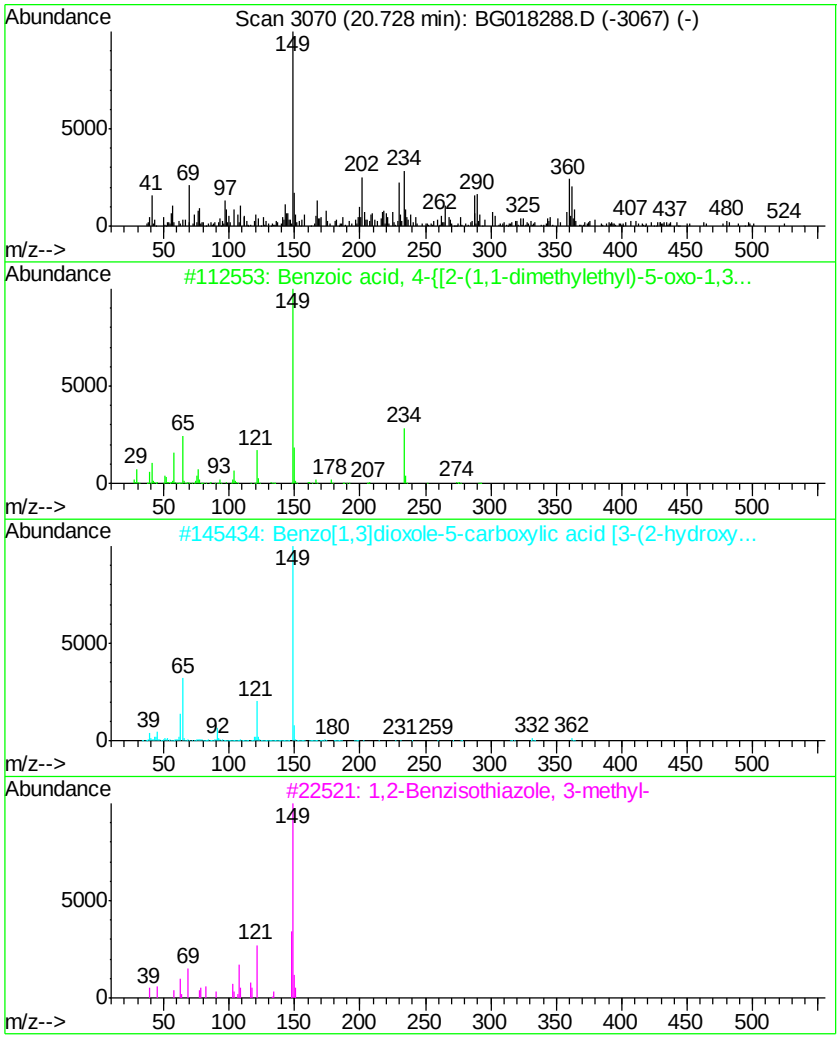
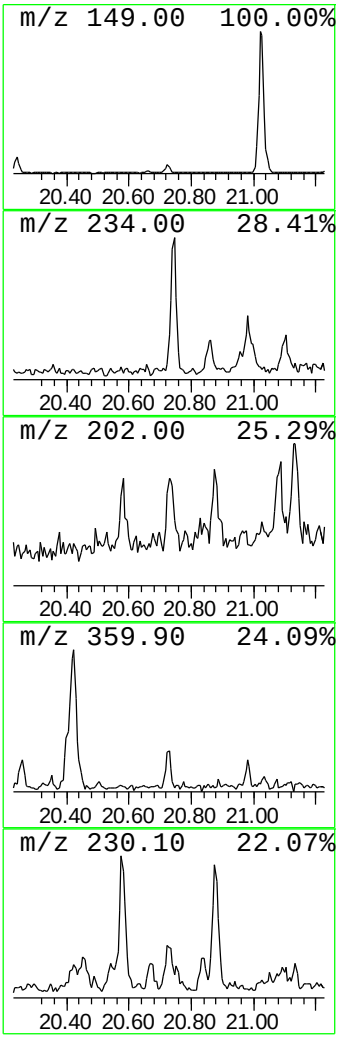
Peak Number 23 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.35 ng/ul	154575	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-{[2-(1,1-dimethy...	291	C15H17NO5	1000197-16-9	43
2	Benzo[1,3]dioxole-5-carboxylic a...	362	C16H14N2O6S	1000296-89-7	43
3	1,2-Benzisothiazole, 3-methyl-	149	C8H7NS	006187-89-9	30
4	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	30
5	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

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

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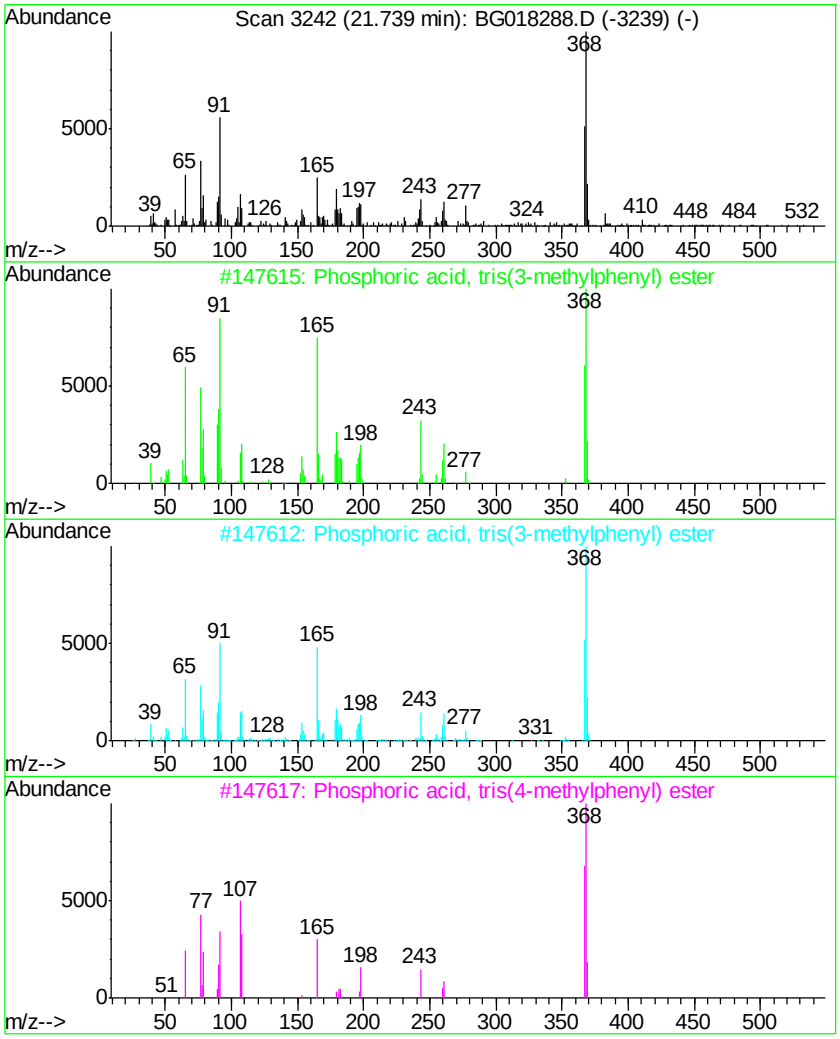
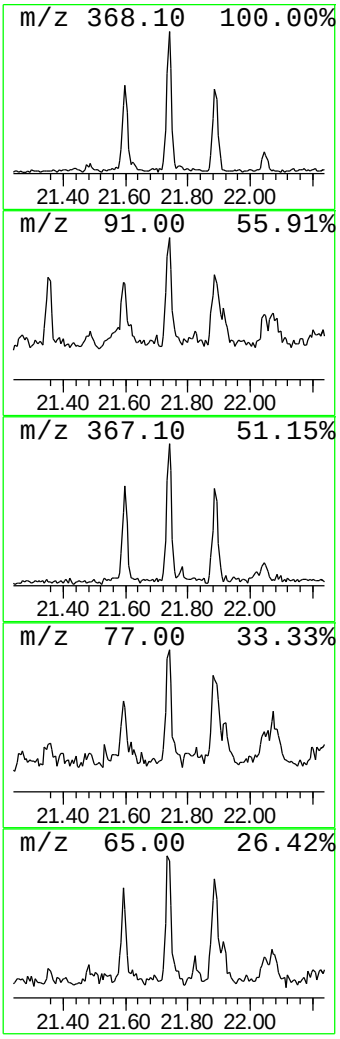
Peak Number 24 Phosphoric acid, tris(3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	6.73 ng/ul	309904	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	99
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	97
3	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	89
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	53
5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.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
Benzene, 1,2,4-tr...	7.09	2.1	ng/ul	28631	1	7.44	268457	20.0
unknown-01	14.91	2.3	ng/ul	63114	3	14.12	562105	20.0
unknown-02	16.40	3.4	ng/ul	76789	4	16.88	456644	20.0
2-Propanol, 1-chl...	16.66	16.2	ng/ul	370160	4	16.88	456644	20.0
Bis(1-chloro-2-pr...	16.76	6.5	ng/ul	148245	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	17.49	7.5	ng/ul	170685	4	16.88	456644	20.0
Anthracene, 9-met...	17.80	7.2	ng/ul	163427	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	17.96	14.6	ng/ul	333061	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	18.06	3.5	ng/ul	79885	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	18.25	8.1	ng/ul	183908	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	18.43	3.0	ng/ul	68596	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	18.80	4.5	ng/ul	103591	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	18.82	15.1	ng/ul	344960	4	16.88	456644	20.0
1,1'-Biphenyl, 2,...	19.11	8.8	ng/ul	404442	5	21.10	921616	20.0
1,1'-Biphenyl, 2,...	19.45	2.6	ng/ul	120072	5	21.10	921616	20.0
1,1'-Biphenyl, 2,...	19.55	7.4	ng/ul	341179	5	21.10	921616	20.0
1,1'-Biphenyl, 2,...	19.82	6.3	ng/ul	292147	5	21.10	921616	20.0
1,1'-Biphenyl, 2,...	19.88	4.4	ng/ul	201248	5	21.10	921616	20.0
1,1'-Biphenyl, 2,...	20.10	4.7	ng/ul	217390	5	21.10	921616	20.0
unknown-03	20.73	3.4	ng/ul	154575	5	21.10	921616	20.0
Phosphoric acid, ...	21.74	6.7	ng/ul	309904	5	21.10	921616	20.0