LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

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\SOM-EPA-BG080217.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	3.829	35	41	47	rBV5	7920	14455	0.75%	0.061%
2	4.094	78	86	94	rBV5	5344	14504	0.76%	0.062%
3	4.235	107	110	115	rBV4	3732	6972	0.36%	0.030%
4	4.329	121	126	134	rVB2	16362	26184	1.36%	0.111%
5	4.558	160	165	174	rVB5	3534	10016	0.52%	0.043%
6	4.916	222	226	229	rBV5	4757	5300	0.28%	0.022%
7	5.104	249	258	262	rVB6	4015	8486	0.44%	0.036%
8	5.445	311	316	323	rBV3	5690	8952	0.47%	0.038%
9	5.545	328	333	342	rVB5	3005	7210	0.38%	0.031%
10	5.921	391	397	399	rVV4	1979	3502	0.18%	0.015%
11	6.415	477	481	487	rVB4	2721	4516	0.24%	0.019%
12	6.838	548	553	558	rVB3	2021	4579	0.24%	0.019%
13	6.873	558	559	566	rBV5	2820	5125	0.27%	0.022%
14	6.973	572	576	581	rVB4	3490	5357	0.28%	0.023%
15	7.155	602	607	612	rBV3	2350	4599	0.24%	0.020%
16	7.337	635	638	646	rVB5	2524	4631	0.24%	0.020%
17	7.496	657	665	678	rBV2	126225	260706	13.58%	1.106%
18	7.660	686	693	703	rBV	95097	169030	8.81%	0.717%
19	7.878	722	730	739	rBV2	133011	238802	12.44%	1.013%
20	7.989	745	749	755	rBV4	2036	3801	0.20%	0.016%
21	8.148	774	776	782	rBV4	2075	3604	0.19%	0.015%
22	8.342	799	809	819	rBV	166403	301648	15.72%	1.280%
23	8.712	866	872	873	rBV3	2626	3872	0.20%	0.016%
24	9.041	921	928	937	rBV3	104929	205152	10.69%	0.871%
25	9.176	948	951	959	rVB7	3212	6662	0.35%	0.028%
26	9.511	999	1008	1020	rBV	144437	278223	14.50%	1.181%
27	9.605	1020	1024	1030	rBV6	5209	10399	0.54%	0.044%
28	10.034	1090	1097	1098	rBV5	2231	3551	0.19%	0.015%
29	10.234	1123	1131	1146	rVB	129664	255978	13.34%	1.086%
30	10.780	1215	1224	1237	rBV	180060	356492	18.57%	1.513%
31	11.091	1271	1277	1281	rVV4	3630	6108	0.32%	0.026%
32	11.162	1281	1289	1304	rVB	270639	502923	26.20%	2.134%
33	11.297	1304	1312	1326	rBV	97241	210757	10.98%	0.894%
34	11.679	1372	1377	1380	rBV4	2676	3595	0.19%	0.015%

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Misc :
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Instrument : BNA_G
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	12.525	1514	1521	1524	rBV3	2907	4970	0.26%	0.021%
36	12.601	1530	1534	1540	rBV3	5646	10228	0.53%	0.043%
37	12.713	1550	1553	1562	rVV6	4559	9626	0.50%	0.041%
38	12.795	1562	1567	1576	rVB5	6311	10930	0.57%	0.046%
39	13.007	1596	1603	1609	rBV4	3734	7686	0.40%	0.033%
40	13.295	1649	1652	1660	rBV6	4210	7516	0.39%	0.032%
41	13.542	1689	1694	1700	rVB7	5337	10469	0.55%	0.044%
42	13.735	1724	1727	1735	rBV6	3769	5994	0.31%	0.025%
43	14.135	1788	1795	1799	rBV4	3145	6475	0.34%	0.027%
44	14.270	1811	1818	1820	rBV4	4619	6937	0.36%	0.029%
45	14.341	1823	1830	1834	rBV	413108	594372	30.97%	2.522%
46	14.388	1834	1838	1848	rVB2	183300	271108	14.13%	1.151%
47	14.493	1855	1856	1860	rBV3	2930	3968	0.21%	0.017%
48	14.646	1874	1882	1895	rBV	416249	689773	35.94%	2.927%
49	14.805	1900	1909	1913	rVB6	6962	12099	0.63%	0.051%
50	14.881	1916	1922	1926	rBV5	2231	3686	0.19%	0.016%
51	14.952	1927	1934	1942	rVV2	444453	745050	38.82%	3.162%
52	15.016	1942	1945	1951	rVB5	8265	13159	0.69%	0.056%
53	15.157	1962	1969	1979	rBV2	73937	165877	8.64%	0.704%
54	15.298	1990	1993	1997	rBV5	8405	13237	0.69%	0.056%
55	15.351	1997	2002	2008	rVV9	17837	33570	1.75%	0.142%
56	15.422	2008	2014	2020	rVB8	5146	10399	0.54%	0.044%
57	15.751	2058	2070	2075	rBV4	23958	47258	2.46%	0.201%
58	15.815	2075	2081	2087	rBV7	3007	7517	0.39%	0.032%
59	15.939	2094	2102	2109	rBV	563164	899653	46.88%	3.818%
60	16.062	2117	2123	2130	rBV	133987	216394	11.27%	0.918%
61	16.162	2131	2140	2141	rBV8	9848	18567	0.97%	0.079%
62	16.250	2153	2155	2159	rBV5	3764	5711	0.30%	0.024%
63	16.291	2160	2162	2167	rVB6	4912	8376	0.44%	0.036%
64	16.374	2173	2176	2179	rVB4	6896	6913	0.36%	0.029%
65	16.456	2185	2190	2193	rVB7	3200	4483	0.23%	0.019%
66	16.614	2212	2217	2225	rBV2	24247	56603	2.95%	0.240%
67	16.949	2272	2274	2275	rBV2	6101	5847	0.30%	0.025%
68	17.220	2316	2320	2323	rVB5	11331	15197	0.79%	0.064%
69	17.355	2339	2343	2348	rBV4	13971	20633	1.08%	0.088%
70	17.408	2348	2352	2357	rBV5	22154	39158	2.04%	0.166%
71	17.701	2395	2402	2406	rBV	547155	883343	46.03%	3.749%

LSC Area Percent Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

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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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	17.742	2406	2409	2414	rVV	304813	438906	22.87%	1.863%
73	17.801	2414	2419	2428	rVB	561685	885628	46.14%	3.759%
74	18.101	2468	2470	2474	rVB2	23680	31239	1.63%	0.133%
75	18.295	2496	2503	2510	rBV	174526	301708	15.72%	1.280%
76	18.401	2518	2521	2528	rBV6	47455	76918	4.01%	0.326%
77	18.547	2541	2546	2550	rBV3	117711	205795	10.72%	0.873%
78	18.753	2575	2581	2587	rBV2	487567	735490	38.32%	3.121%
79	18.812	2587	2591	2595	rVV2	286498	417927	21.78%	1.774%
80	18.859	2595	2599	2604	rVB	143772	207358	10.80%	0.880%
81	19.035	2623	2629	2634	rBV2	311381	503907	26.26%	2.139%
82	19.170	2649	2652	2655	rBV2	91347	112100	5.84%	0.476%
83	19.211	2655	2659	2665	rVB	157155	227615	11.86%	0.966%
84	19.511	2706	2710	2714	rBV	112371	150985	7.87%	0.641%
85	19.564	2714	2719	2721	rVV	251460	366461	19.09%	1.555%
86	19.599	2721	2725	2733	rVB3	472334	757779	39.48%	3.216%
87	19.746	2744	2750	2755	rVB	976279	1362244	70.98%	5.781%
88	19.811	2756	2761	2767	rVV2	239126	433479	22.59%	1.840%
89	19.864	2767	2770	2777	rVB	205724	284222	14.81%	1.206%
90	19.928	2778	2781	2785	rVB5	88735	120956	6.30%	0.513%
91	20.075	2800	2806	2809	rBV2	796088	1366495	71.20%	5.799%
92	20.310	2843	2846	2850	rVB	147938	172853	9.01%	0.734%
93	21.685	3076	3080	3085	rBV3	96527	148307	7.73%	0.629%
94	22.032	3130	3139	3145	rBV2	699652	1919238	100.00%	8.145%
95	22.084	3145	3148	3159	rVB	438877	754397	39.31%	3.202%
96	24.423	3538	3546	3554	rBV2	321905	1138994	59.35%	4.834%
97	25.216	3674	3681	3688	rBV2	155649	438652	22.86%	1.862%
98	25.304	3689	3696	3702	rVV2	271467	716388	37.33%	3.040%
99	25.369	3704	3707	3719	rVB	243980	650612	33.90%	2.761%
100	25.545	3729	3737	3746	rVB	284147	808030	42.10%	3.429%

Sum of corrected areas: 23563156

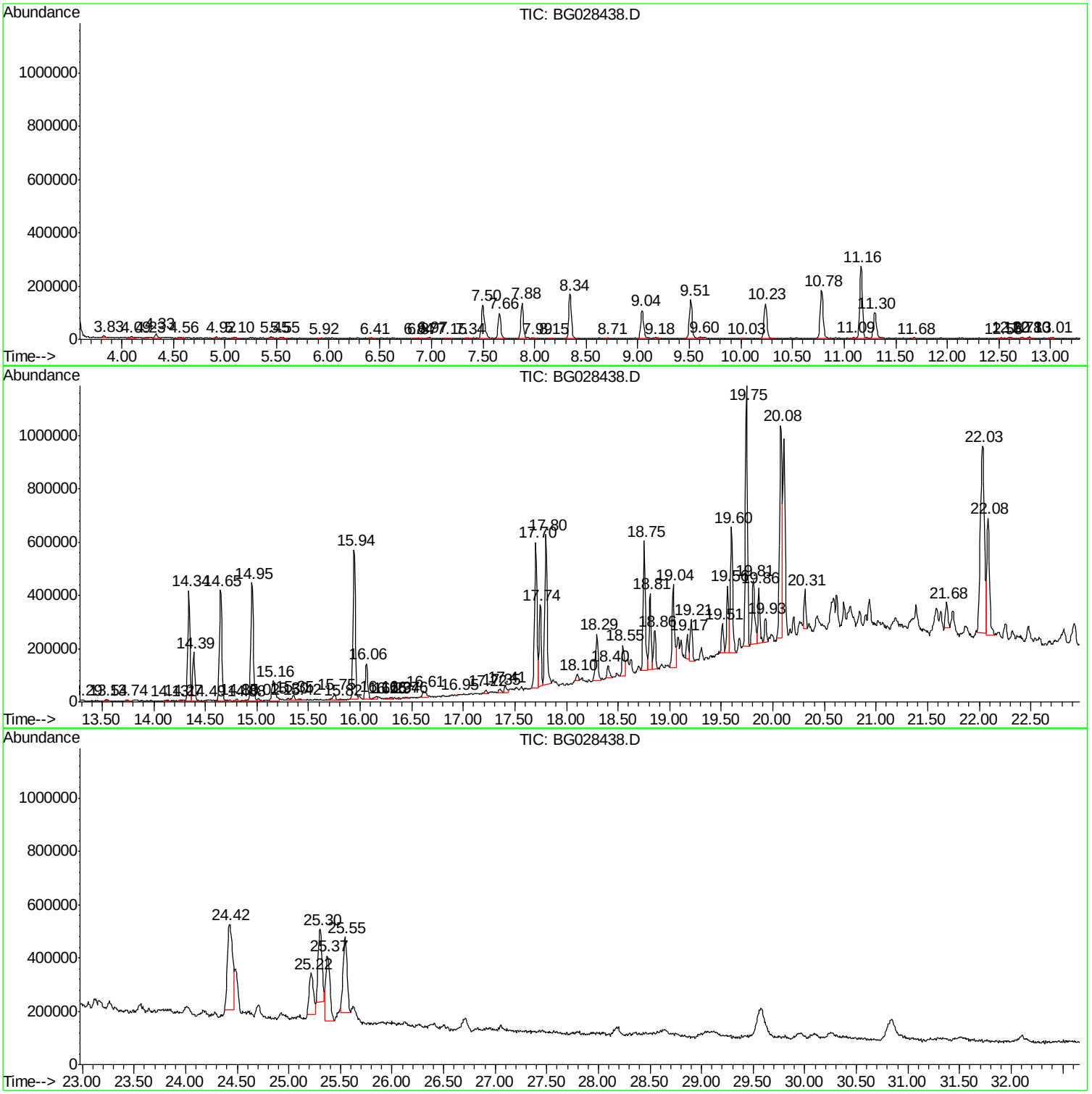
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

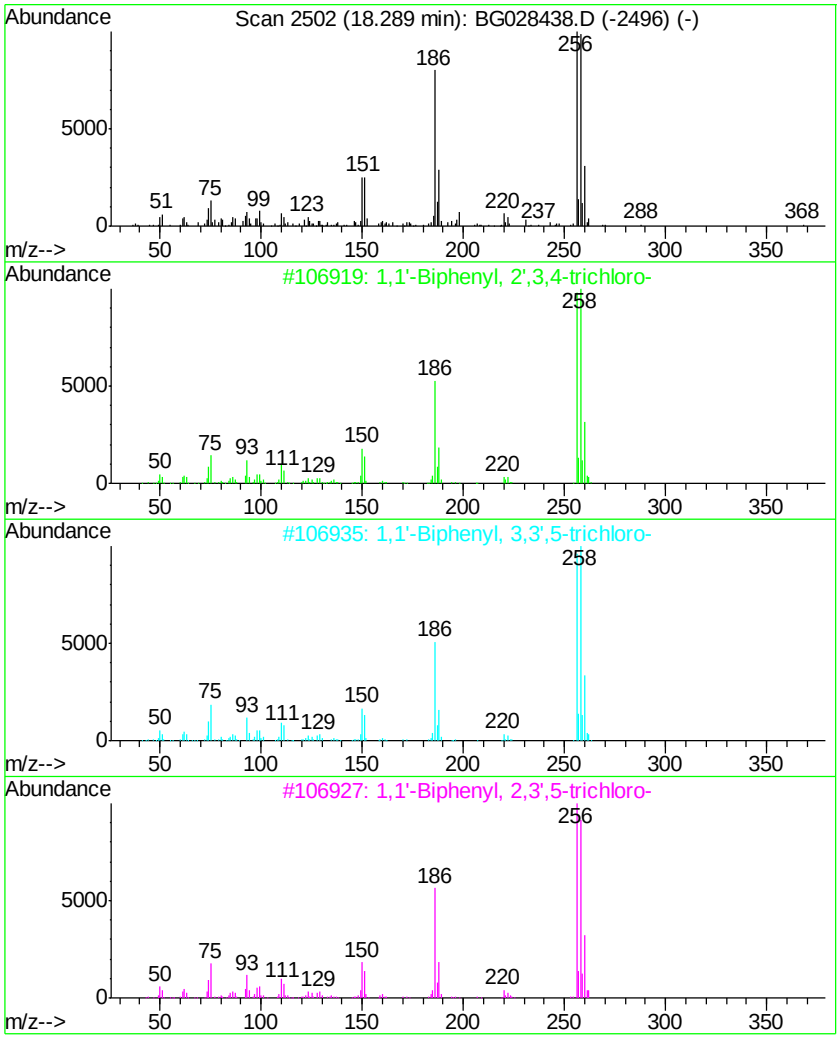
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

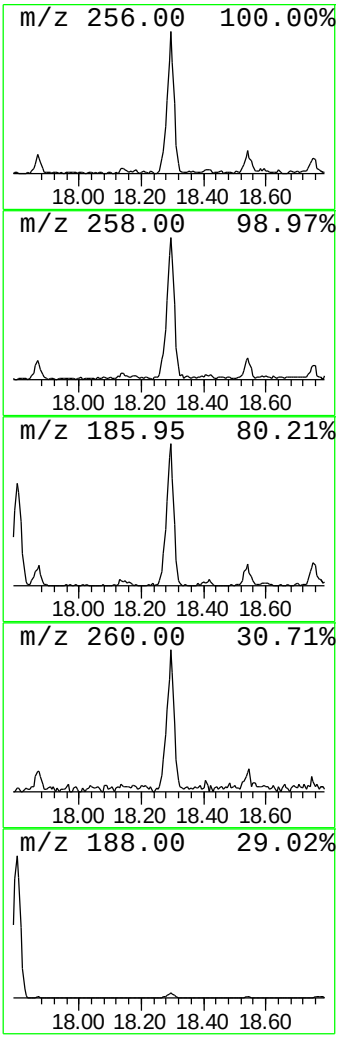
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	6.83 ng/ul	301708	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	98
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97





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Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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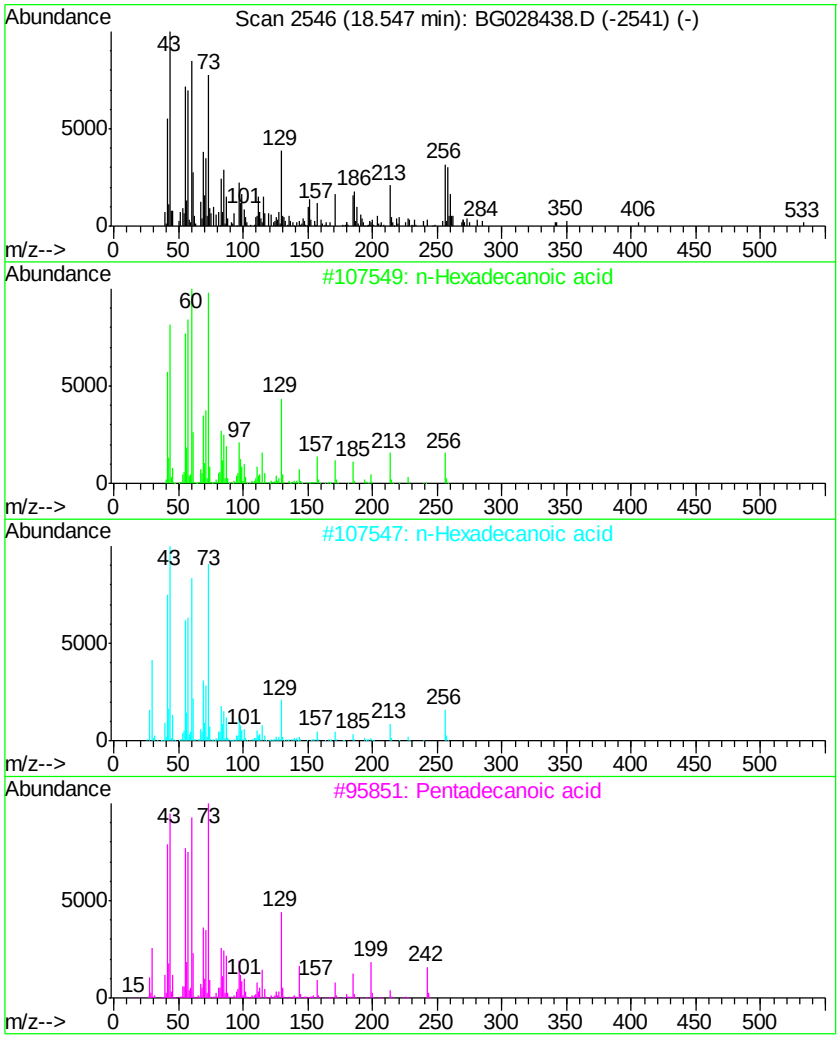
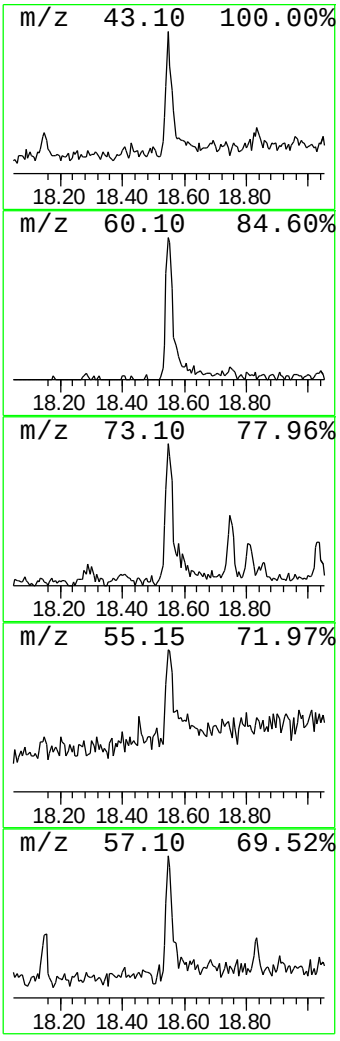
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.66 ng/ul	205795	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Heptadecanoic acid	270	C17H34O2	000506-12-7	51
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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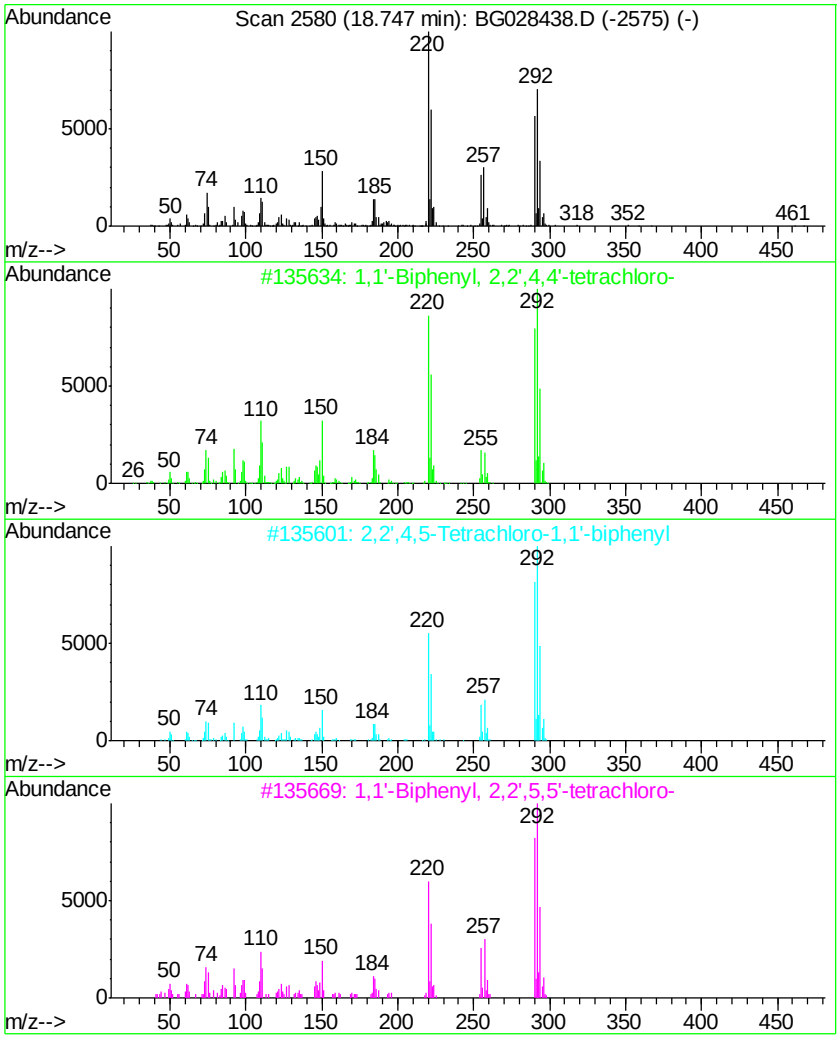
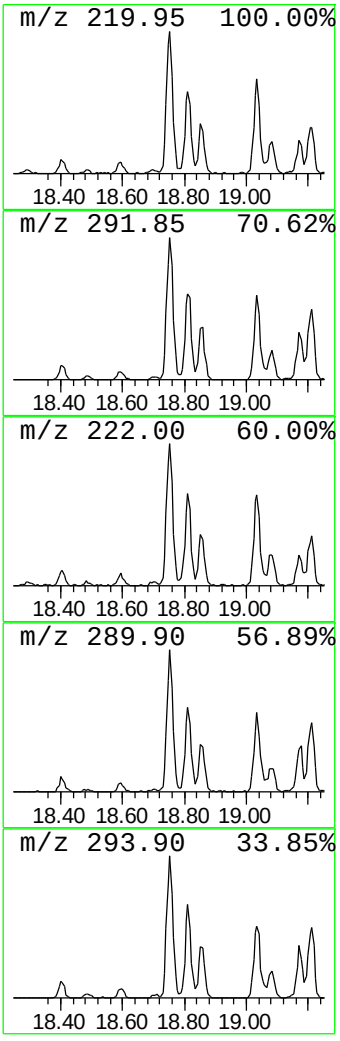
Peak Number 3 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	16.65 ng/ul	735490	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99





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Quant Title : SVOA CALIBRATION

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

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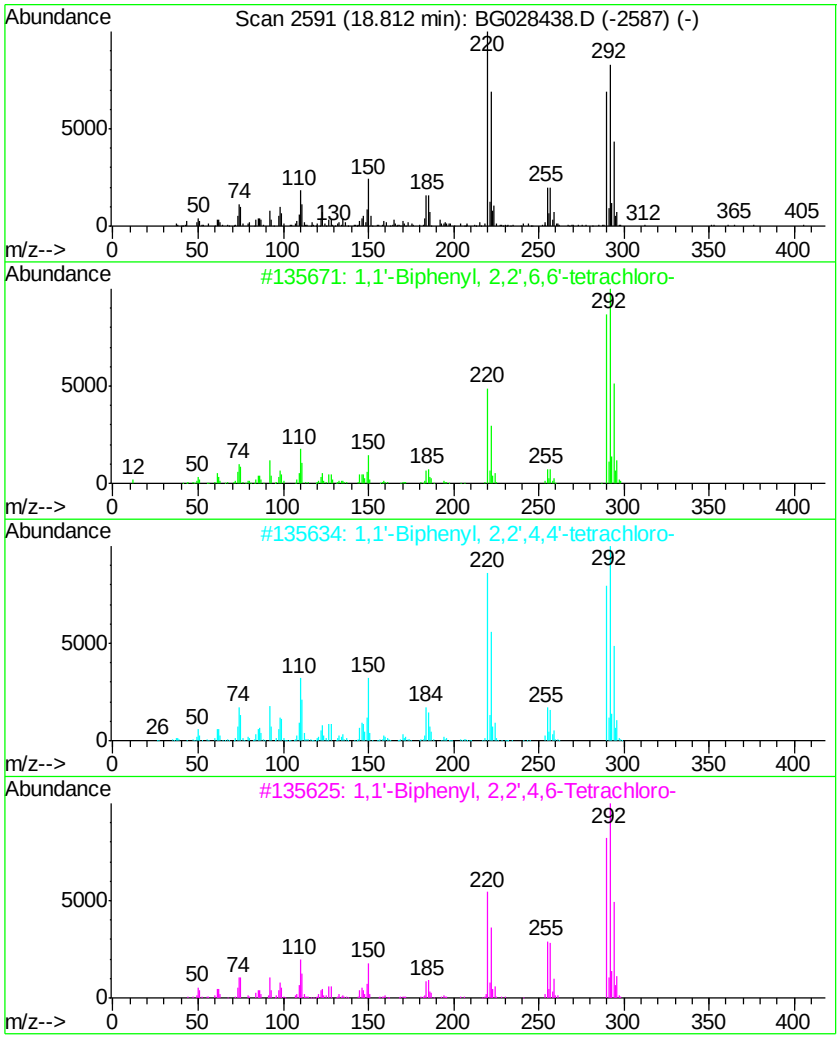
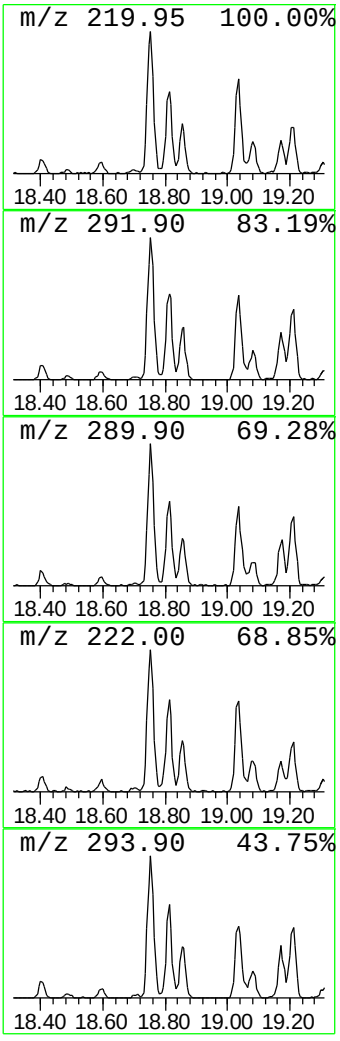
Peak Number 4 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	9.46 ng/ul	417927	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





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Operator : SJ/JU
Sample : I4713-20
Misc :
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Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

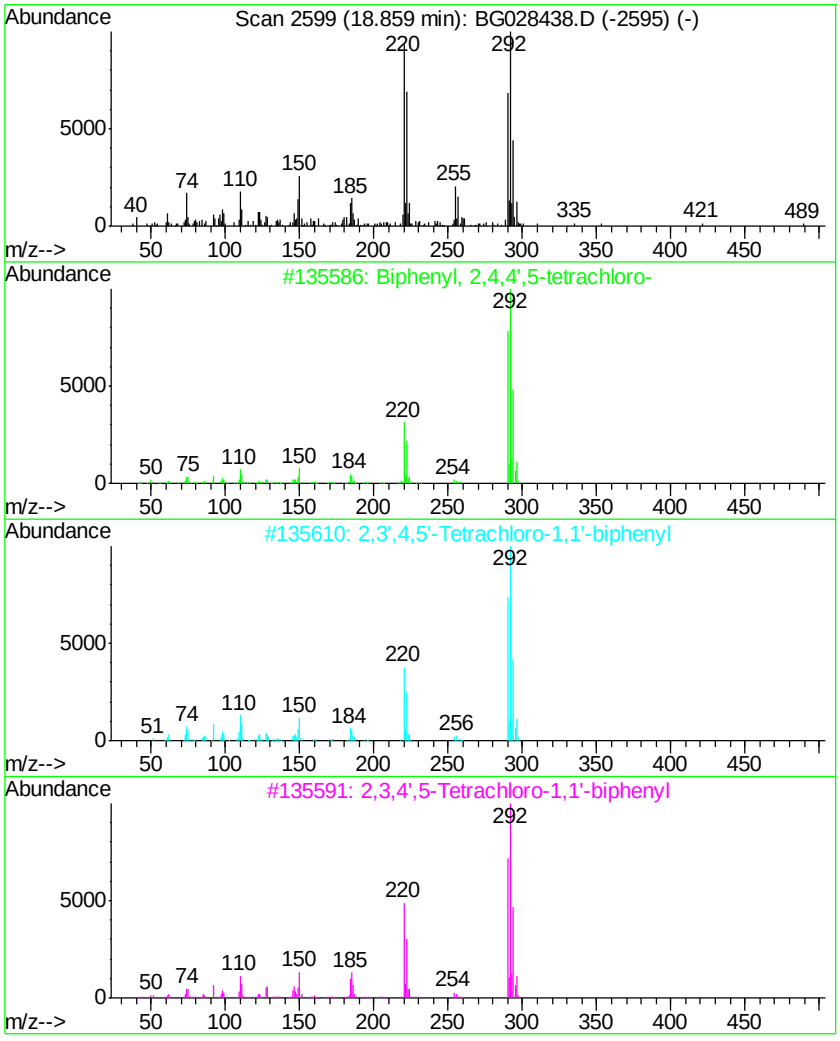
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

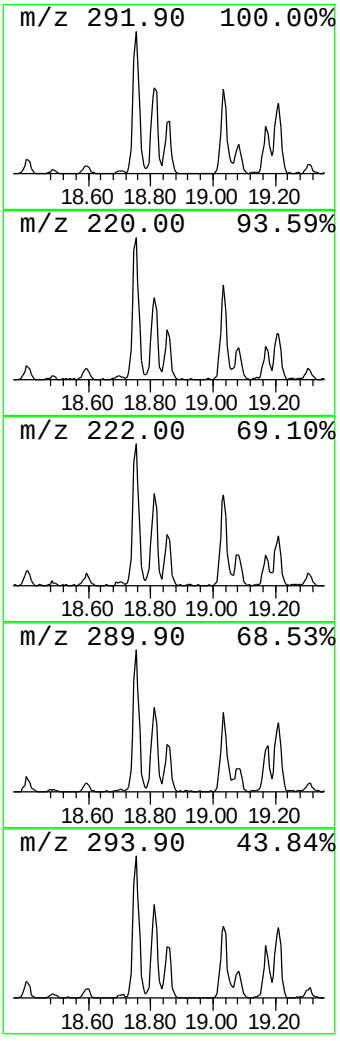
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	4.69 ng/ul	207358	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
3	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	98
4	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	96
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	96





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Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

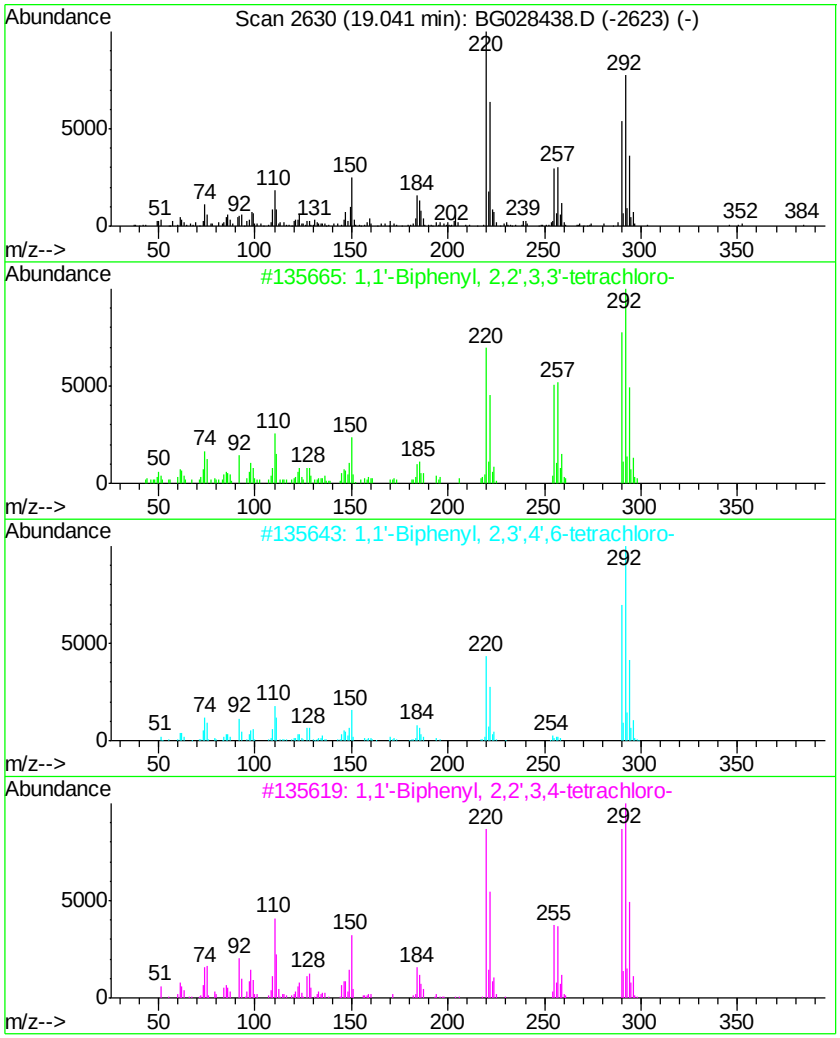
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

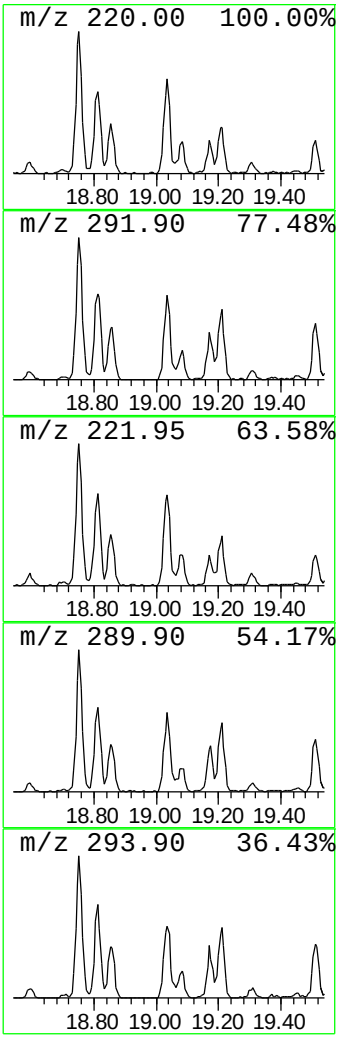
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	11.41 ng/ul	503907	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99





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Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

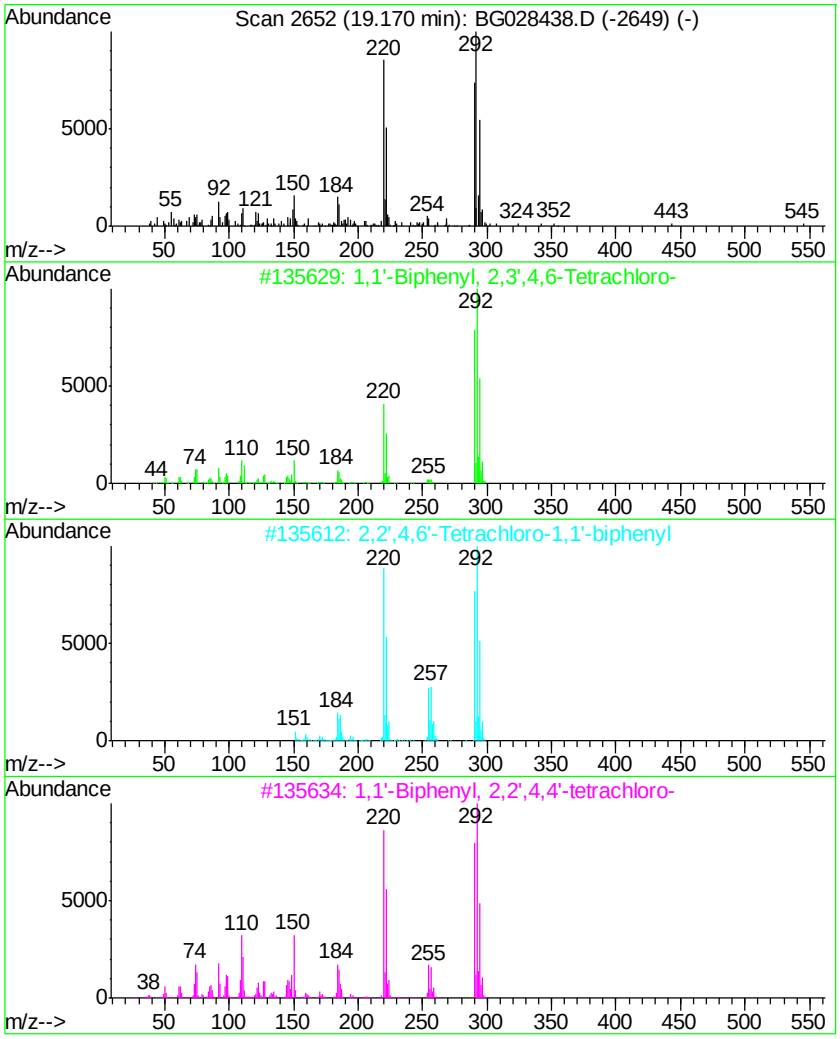
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

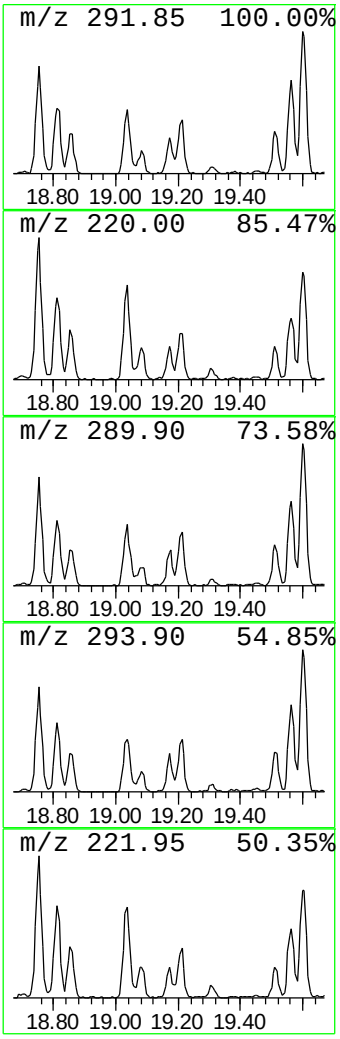
****

Peak Number 7 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.54 ng/ul	112100	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	96
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	95
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95
4	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	95
5	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

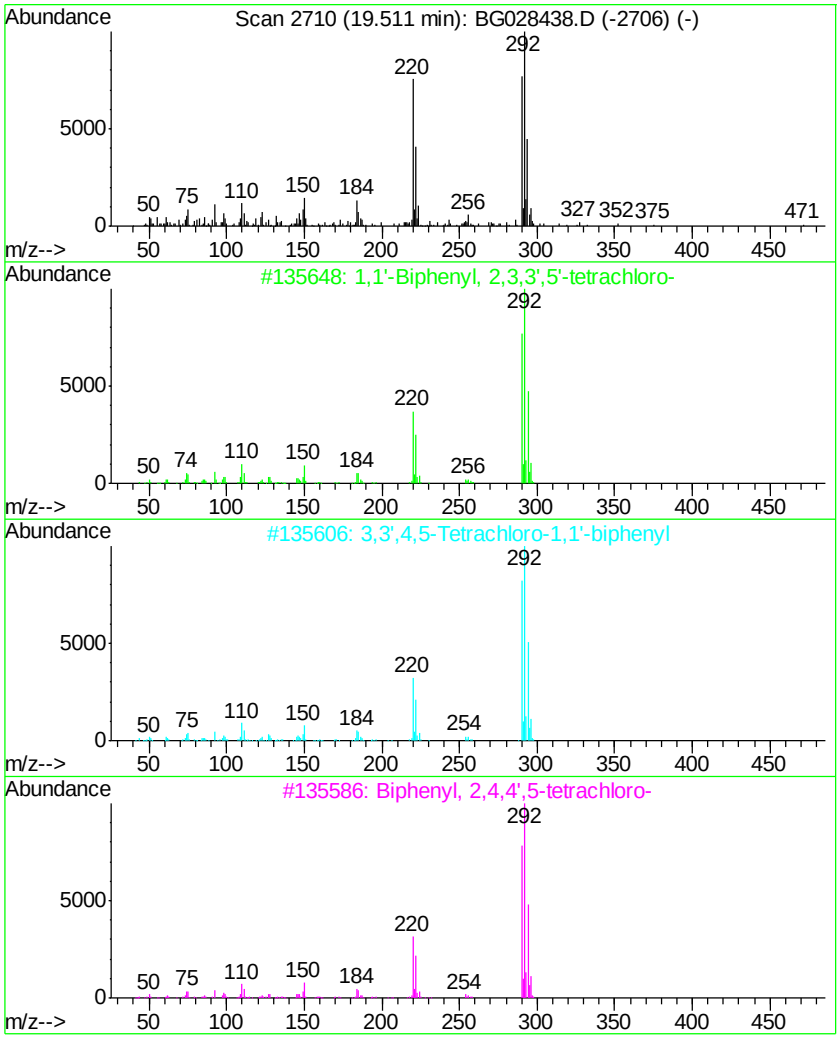
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

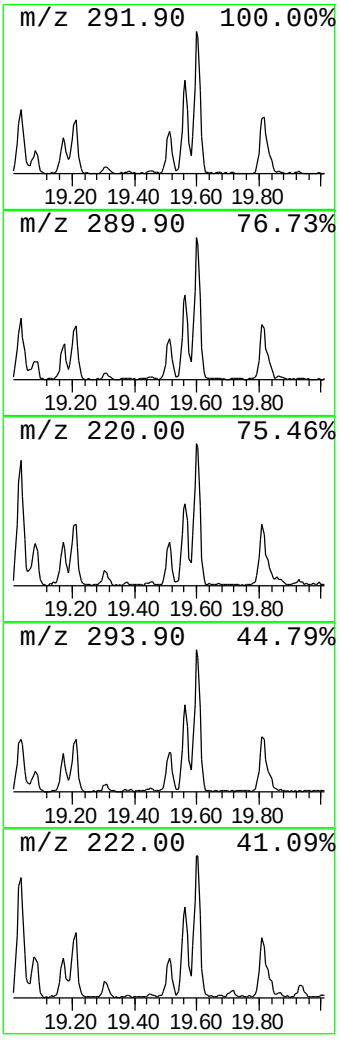
****

Peak Number 9 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	3.42 ng/ul	150985	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	98
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	98





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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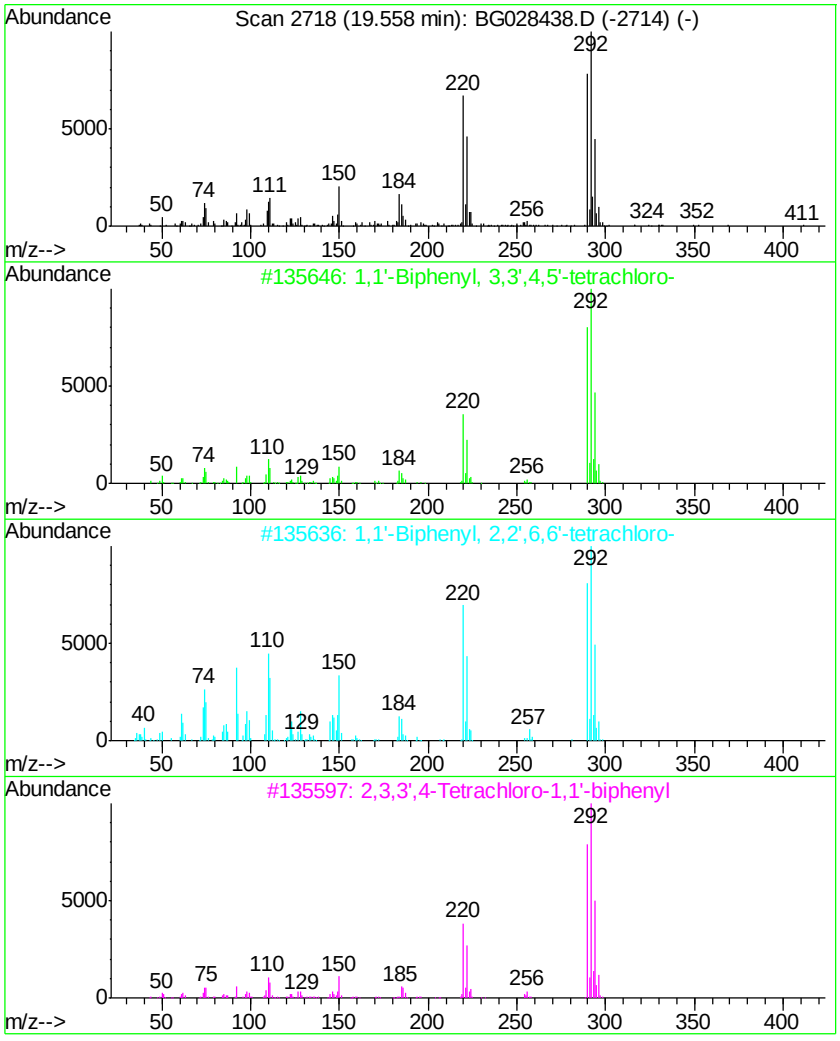
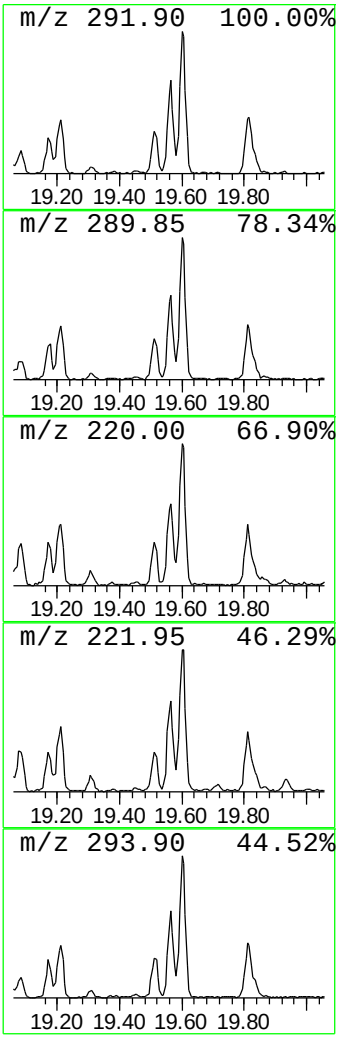
Peak Number 10 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	8.30 ng/ul	366461	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	2,3,3',4-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-24-2	98
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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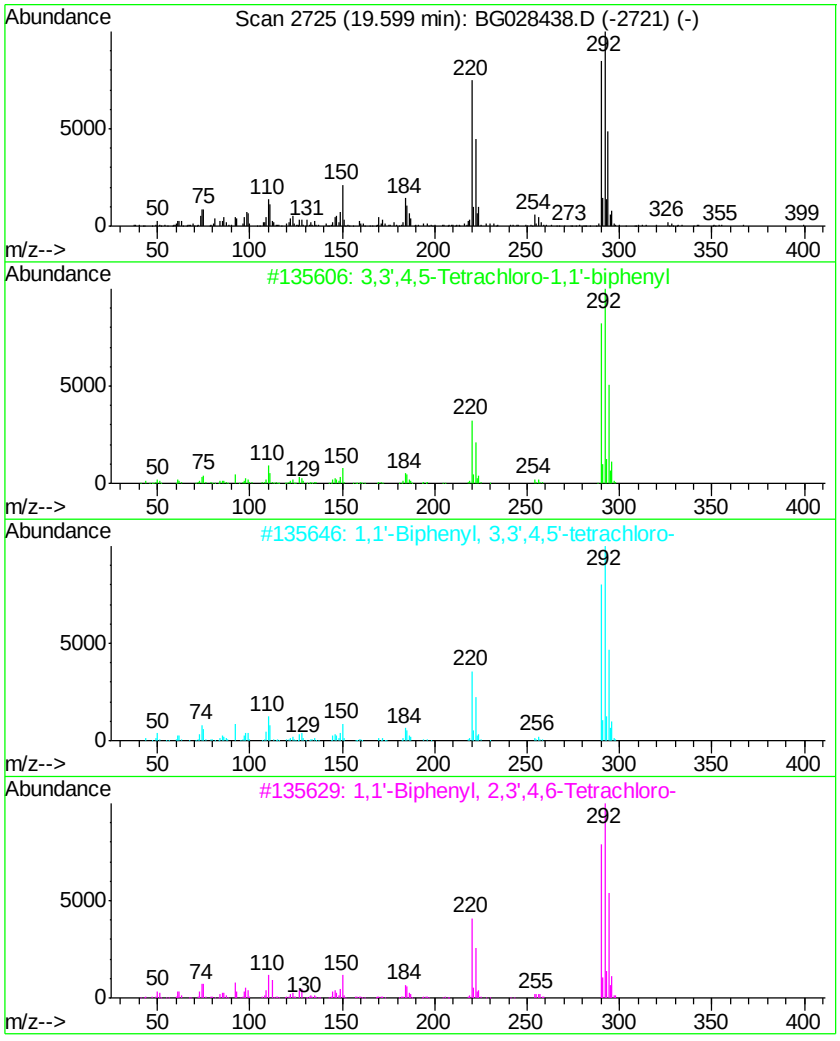
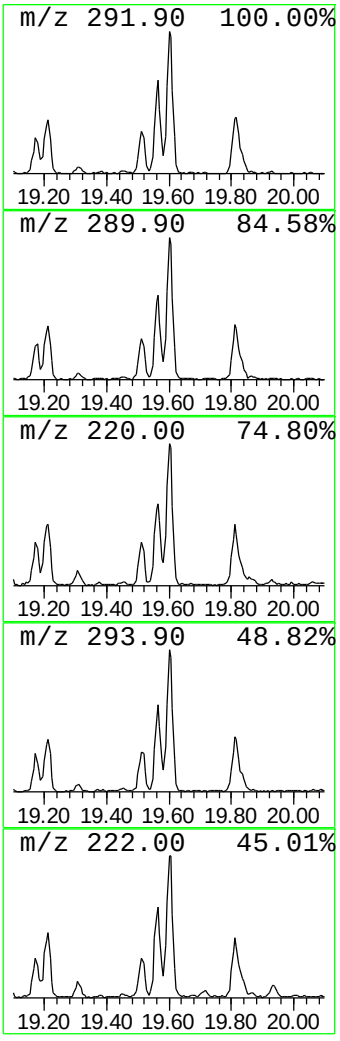
Peak Number 11 3,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	17.16 ng/ul	757779	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
2	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99





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Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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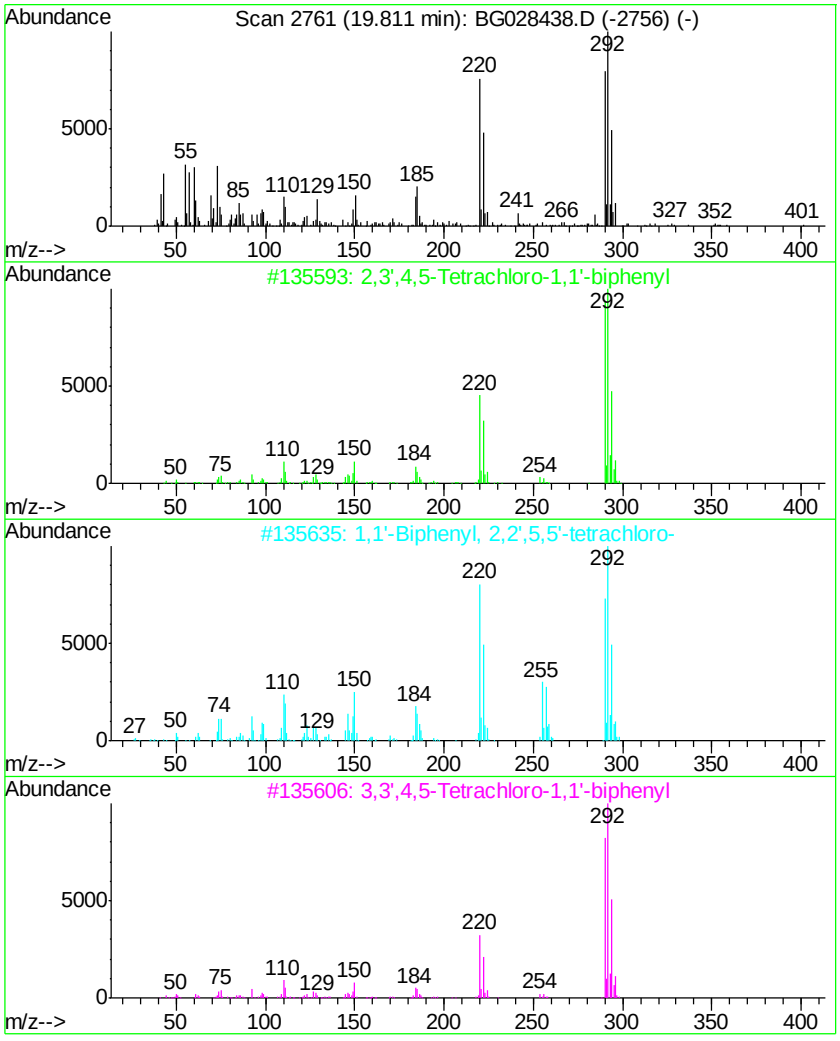
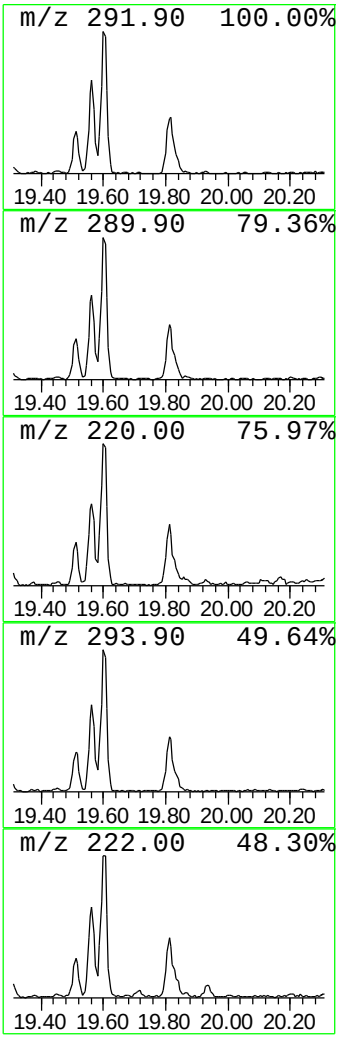
Peak Number 12 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	9.81 ng/ul	433479	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
4	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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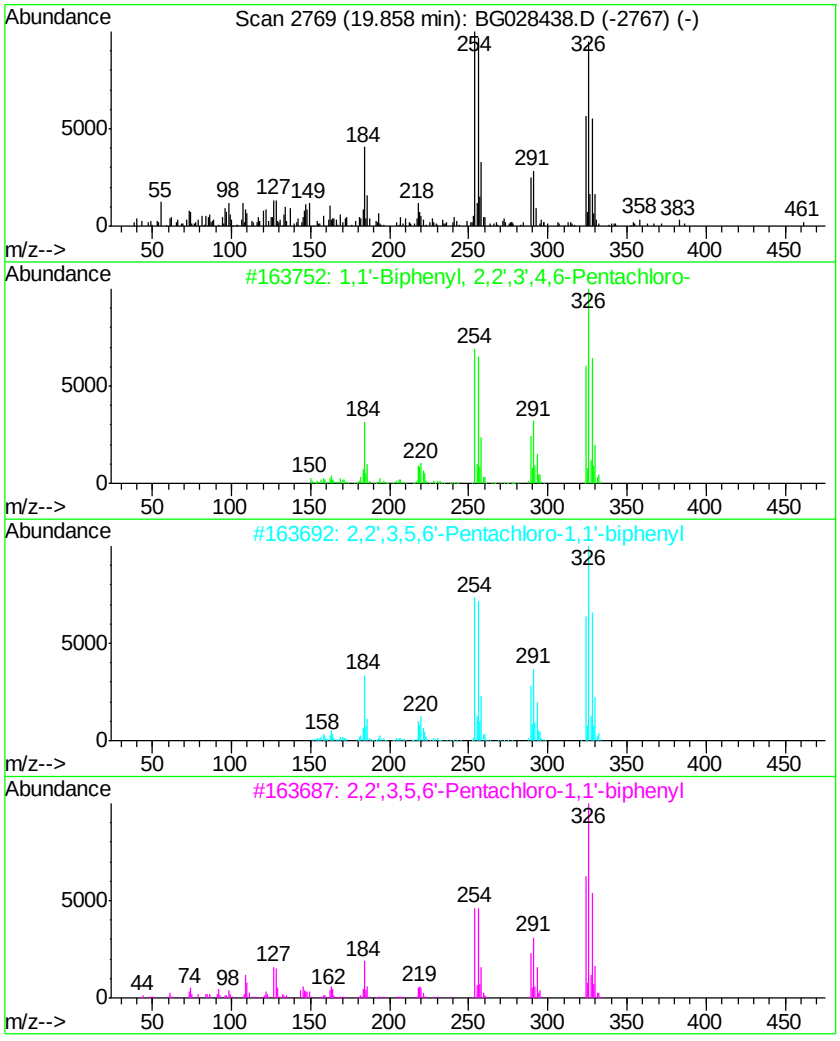
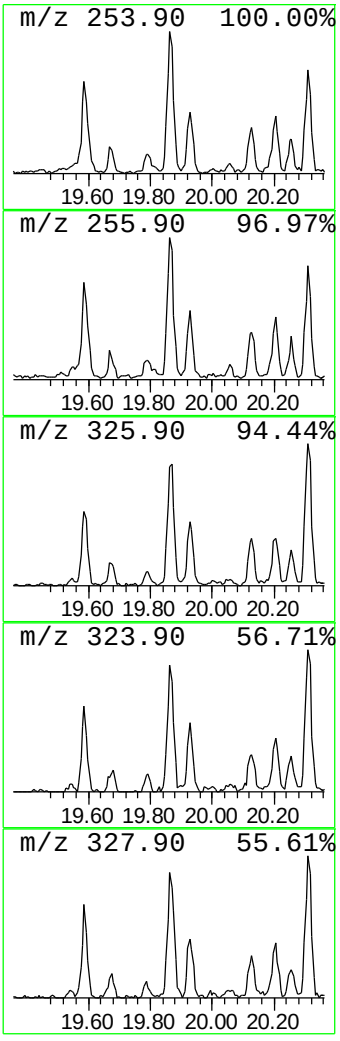
Peak Number 13 1,1'-Biphenyl, 2,2',3',4,6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	6.44 ng/ul	284222	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	98
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	98
3	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	98
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028438.D
Acq On : 23 Aug 2017 4:37
Operator : SJ/JU
Sample : I4713-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E7GD0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 2'...	18.29	6.8	ng/ul	301708	4	17.70	883343	20.0
n-Hexadecanoic acid	18.55	4.7	ng/ul	205795	4	17.70	883343	20.0
1,1'-Biphenyl, 2,...	18.75	16.6	ng/ul	735490	4	17.70	883343	20.0
1,1'-Biphenyl, 2,...	18.81	9.5	ng/ul	417927	4	17.70	883343	20.0
Biphenyl, 2,4,4',...	18.86	4.7	ng/ul	207358	4	17.70	883343	20.0
1,1'-Biphenyl, 2,...	19.04	11.4	ng/ul	503907	4	17.70	883343	20.0
1,1'-Biphenyl, 2,...	19.17	2.5	ng/ul	112100	4	17.70	883343	20.0
1,1'-Biphenyl, 2,...	19.51	3.4	ng/ul	150985	4	17.70	883343	20.0
1,1'-Biphenyl, 3,...	19.56	8.3	ng/ul	366461	4	17.70	883343	20.0
3,3',4,5-Tetrachl...	19.60	17.2	ng/ul	757779	4	17.70	883343	20.0
2,3',4,5-Tetrachl...	19.81	9.8	ng/ul	433479	4	17.70	883343	20.0
1,1'-Biphenyl, 2,...	19.86	6.4	ng/ul	284222	4	17.70	883343	20.0