LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

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-BG072315.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	6.695	672	682	686	rVV	122512	205871	3.96%	0.241%
2	6.854	704	709	714	rBV	94550	136665	2.63%	0.160%
3	7.042	736	741	748	rVB	132831	206234	3.97%	0.242%
4	7.160	751	761	769	rVV	136035	214796	4.13%	0.252%
5	7.512	814	821	830	rBV	163869	274512	5.28%	0.322%
6	8.229	937	943	949	rVB	159543	252542	4.86%	0.296%
7	8.664	1012	1017	1026	rVV	118389	203458	3.92%	0.238%
8	9.380	1133	1139	1145	rBV	103546	169208	3.26%	0.198%
9	9.921	1223	1231	1241	rVB	184079	295588	5.69%	0.346%
10	10.291	1287	1294	1299	rBV	261951	433381	8.34%	0.508%
11	10.338	1299	1302	1310	rVB	92009	144519	2.78%	0.169%
12	10.438	1310	1319	1327	rBV	96416	177646	3.42%	0.208%
13	13.599	1852	1857	1861	rVV	303147	413189	7.95%	0.484%
14	13.646	1861	1865	1869	rVV	126360	166297	3.20%	0.195%
15	13.869	1892	1903	1916	rBV	325139	536295	10.32%	0.628%
16	14.181	1945	1956	1962	rBV2	388747	616265	11.86%	0.722%
17	14.245	1962	1967	1975	rVV	180571	269532	5.19%	0.316%
18	14.404	1986	1994	2002	rBV2	101415	180227	3.47%	0.211%
19	14.580	2020	2024	2032	rVB	104766	160900	3.10%	0.189%
20	15.180	2120	2126	2131	rVV	394409	557751	10.73%	0.654%
21	15.232	2131	2135	2141	rVV	177745	262578	5.05%	0.308%
22	15.450	2167	2172	2177	rVV	199028	302768	5.83%	0.355%
23	16.472	2339	2346	2350	rBV2	163313	252810	4.87%	0.296%
24	16.754	2390	2394	2402	rVB	99980	157637	3.03%	0.185%
25	16.860	2409	2412	2417	rVB	171453	221329	4.26%	0.259%
26	16.936	2420	2425	2428	rBV	458366	692024	13.32%	0.811%
27	16.983	2428	2433	2438	rVV	1748369	2509274	48.29%	2.940%
28	17.036	2438	2442	2445	rVV	422364	607238	11.69%	0.712%
29	17.071	2445	2448	2452	rVV	452580	586902	11.30%	0.688%
30	17.124	2452	2457	2464	rVB3	152615	245395	4.72%	0.288%
31	17.348	2491	2495	2499	rVB	170575	217175	4.18%	0.254%
32	17.536	2521	2527	2534	rVB3	172358	385857	7.43%	0.452%
33	17.659	2544	2548	2555	rVB3	205753	302840	5.83%	0.355%
34	17.741	2557	2562	2566	rBV	127435	185596	3.57%	0.217%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

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-BG072315.M
Title : SVOA CALIBRATION

35	17.818	2568	2575	2579	rVV	228370	377823	7.27%	0.443%
36	17.865	2579	2583	2589	rVV	411835	567851	10.93%	0.665%
37	17.947	2590	2597	2602	rVV2	115769	261186	5.03%	0.306%
38	18.017	2603	2609	2616	rVV4	982904	1649925	31.75%	1.933%
39	18.076	2616	2619	2623	rVV	369999	481365	9.26%	0.564%
40	18.123	2623	2627	2631	rVB	324152	394180	7.59%	0.462%
41	18.305	2654	2658	2664	rBV2	252698	549955	10.58%	0.644%
42	18.364	2664	2668	2673	rVV2	158612	257071	4.95%	0.301%
43	18.446	2679	2682	2685	rVV	120935	155696	3.00%	0.182%
44	18.746	2729	2733	2738	rVB	108581	179017	3.45%	0.210%
45	18.805	2738	2743	2747	rBV3	117942	212878	4.10%	0.249%
46	18.881	2752	2756	2766	rVB2	1343598	1978964	38.09%	2.319%
47	18.963	2766	2770	2773	rBV3	125585	160230	3.08%	0.188%
48	19.016	2773	2779	2784	rBV	2401320	3472847	66.84%	4.069%
49	19.087	2786	2791	2799	rBV4	342108	573534	11.04%	0.672%
50	19.169	2799	2805	2810	rBV	1646877	2195066	42.24%	2.572%
51	19.228	2811	2815	2819	rBV2	310461	414481	7.98%	0.486%
52	19.351	2831	2836	2838	rBV3	933851	1361656	26.21%	1.595%
53	19.380	2838	2841	2846	rVV	2030760	2884290	55.51%	3.380%
54	19.427	2846	2849	2851	rVB	139085	162542	3.13%	0.190%
55	19.504	2859	2862	2867	rVB	343813	416960	8.02%	0.489%
56	19.557	2867	2871	2874	rBV	224108	293846	5.66%	0.344%
57	19.615	2874	2881	2887	rVB3	1277538	2120530	40.81%	2.485%
58	19.739	2891	2902	2906	rBV3	930882	1575339	30.32%	1.846%
59	19.786	2906	2910	2915	rVV2	374973	652685	12.56%	0.765%
60	19.839	2915	2919	2921	rVV2	236225	306935	5.91%	0.360%
61	19.880	2921	2926	2931	rVB	2911132	3686152	70.94%	4.319%
62	19.933	2931	2935	2939	rBV	755241	869983	16.74%	1.019%
63	19.980	2939	2943	2946	rBV	303369	415577	8.00%	0.487%
64	20.039	2950	2953	2956	rVV2	265490	347484	6.69%	0.407%
65	20.080	2956	2960	2964	rVB	443382	544991	10.49%	0.639%
66	20.162	2969	2974	2979	rBV2	3103862	3631634	69.89%	4.255%
67	20.215	2979	2983	2986	rBV2	833556	1124673	21.64%	1.318%
68	20.315	2995	3000	3007	rBV2	990815	1418011	27.29%	1.662%
69	20.373	3007	3010	3013	rBV	228657	225710	4.34%	0.264%
70	20.409	3013	3016	3019	rVB2	191843	204991	3.95%	0.240%
71	20.479	3020	3028	3034	rBV	2139316	3918512	75.41%	4.591%

LSC Area Percent Report

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Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

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-BG072315.M
Title : SVOA CALIBRATION

72	20.526	3034	3036	3040	rVB	160550	167888	3.23%	0.197%
73	20.626	3049	3053	3059	rVB2	1430007	1756745	33.81%	2.058%
74	20.685	3060	3063	3067	rBV	585525	661568	12.73%	0.775%
75	20.785	3076	3080	3084	rBV2	456440	753769	14.51%	0.883%
76	20.890	3094	3098	3102	rVB3	1089083	1302764	25.07%	1.526%
77	20.949	3102	3108	3114	rVB2	648282	1052531	20.26%	1.233%
78	21.008	3114	3118	3120	rBV	279516	345947	6.66%	0.405%
79	21.031	3120	3122	3127	rVB	182227	198286	3.82%	0.232%
80	21.078	3127	3130	3132	rBV	320168	304824	5.87%	0.357%
81	21.108	3132	3135	3136	rVV	170740	186348	3.59%	0.218%
82	21.137	3136	3140	3144	rVV3	1624182	2742408	52.78%	3.213%
83	21.184	3144	3148	3155	rVB2	3671367	4730558	91.04%	5.543%
84	21.302	3164	3168	3174	rBV	544767	715941	13.78%	0.839%
85	21.484	3191	3199	3205	rBV3	1013985	1740661	33.50%	2.040%
86	21.543	3206	3209	3214	rVB2	457414	532972	10.26%	0.624%
87	21.607	3217	3220	3224	rBV2	372342	470497	9.05%	0.551%
88	21.742	3238	3243	3248	rBV	4353446	5196054	100.00%	6.088%
89	21.801	3250	3253	3257	rVB2	226465	295270	5.68%	0.346%
90	21.948	3275	3278	3281	rBV3	184224	269681	5.19%	0.316%
91	22.160	3311	3314	3318	rVB3	328612	415710	8.00%	0.487%
92	22.694	3399	3405	3410	rBV	1026688	2480362	47.74%	2.906%
93	22.853	3428	3432	3440	rBV	200259	340014	6.54%	0.398%
94	23.158	3479	3484	3488	rBV	526824	933712	17.97%	1.094%
95	23.205	3489	3492	3495	rVV	309432	492680	9.48%	0.577%
96	23.252	3495	3500	3506	rVB	899877	1584962	30.50%	1.857%
97	23.346	3511	3516	3520	rVV	424558	793957	15.28%	0.930%
98	23.393	3521	3524	3532	rVB2	257344	474360	9.13%	0.556%
99	25.561	3886	3893	3905	rVB2	384318	1106139	21.29%	1.296%
100	26.243	4003	4009	4022	rVB	236332	708648	13.64%	0.830%

Sum of corrected areas: 85344125

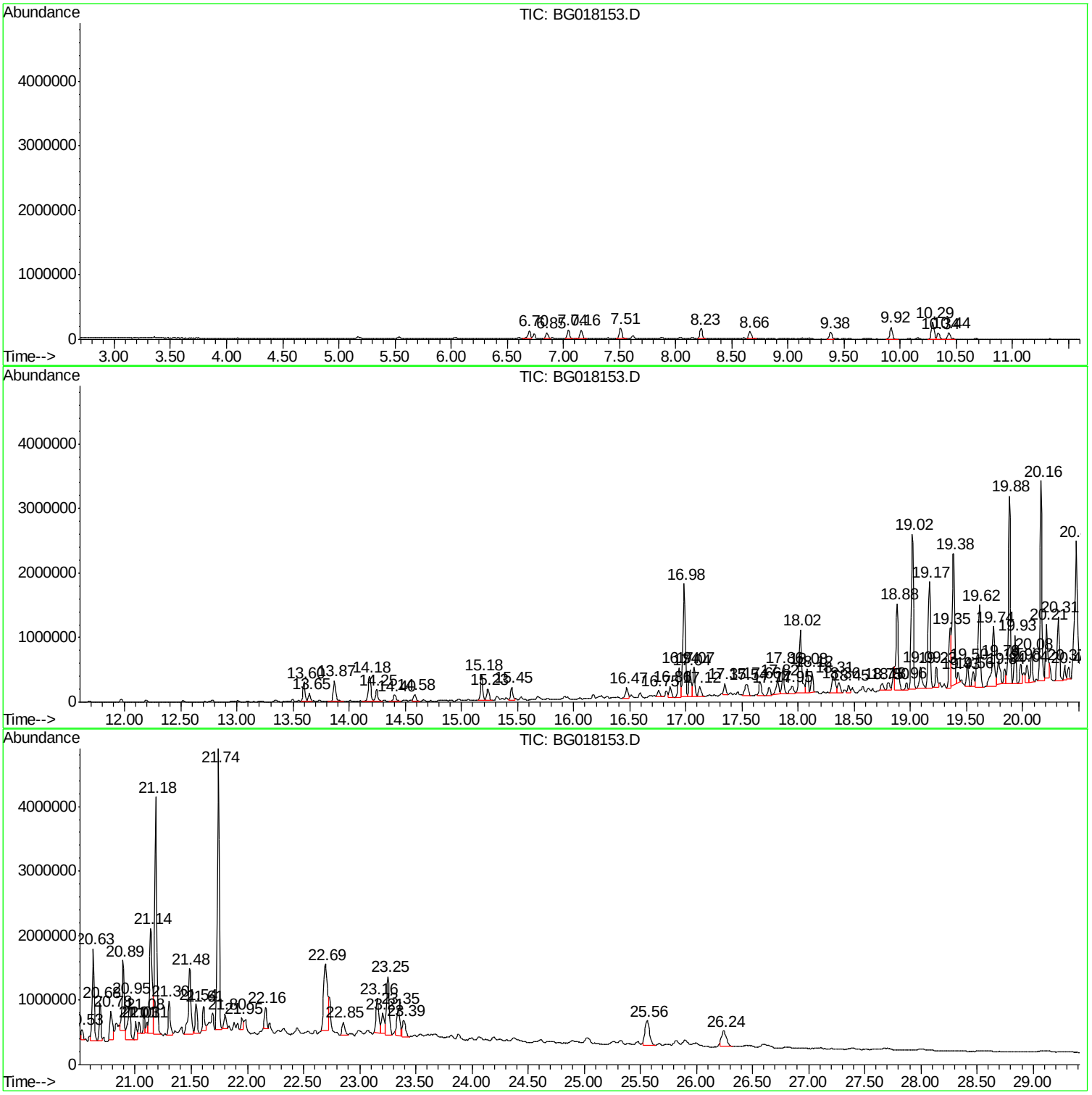
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

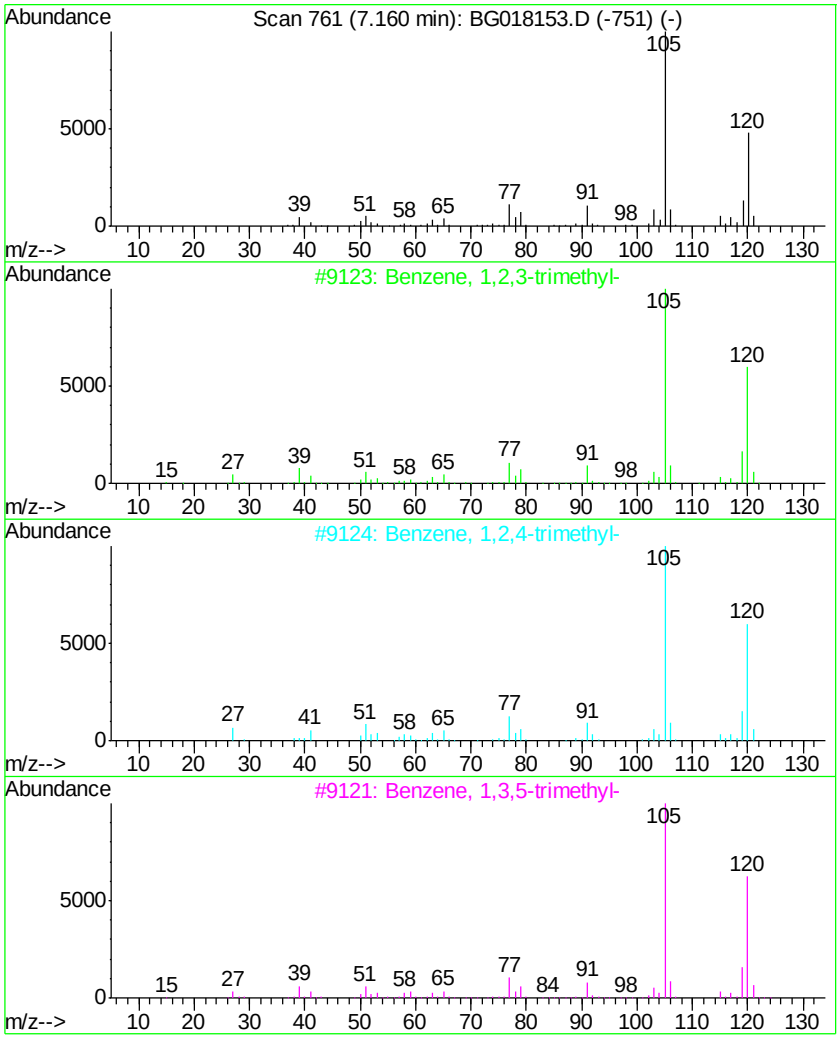
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

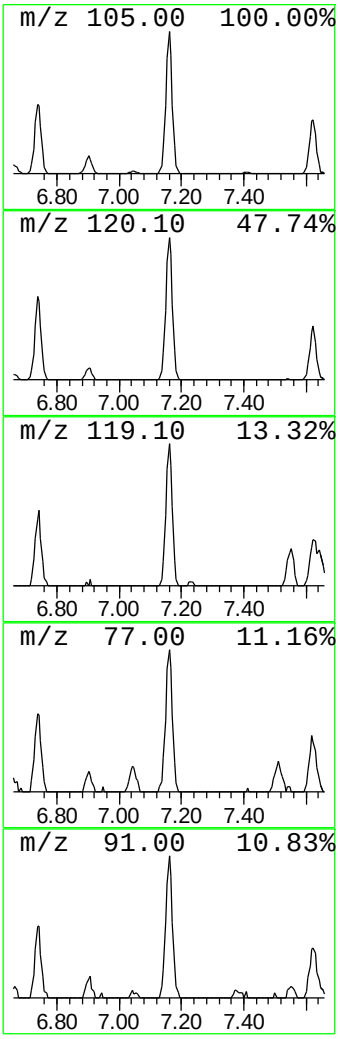
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	15.65 ng/ul	214796	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

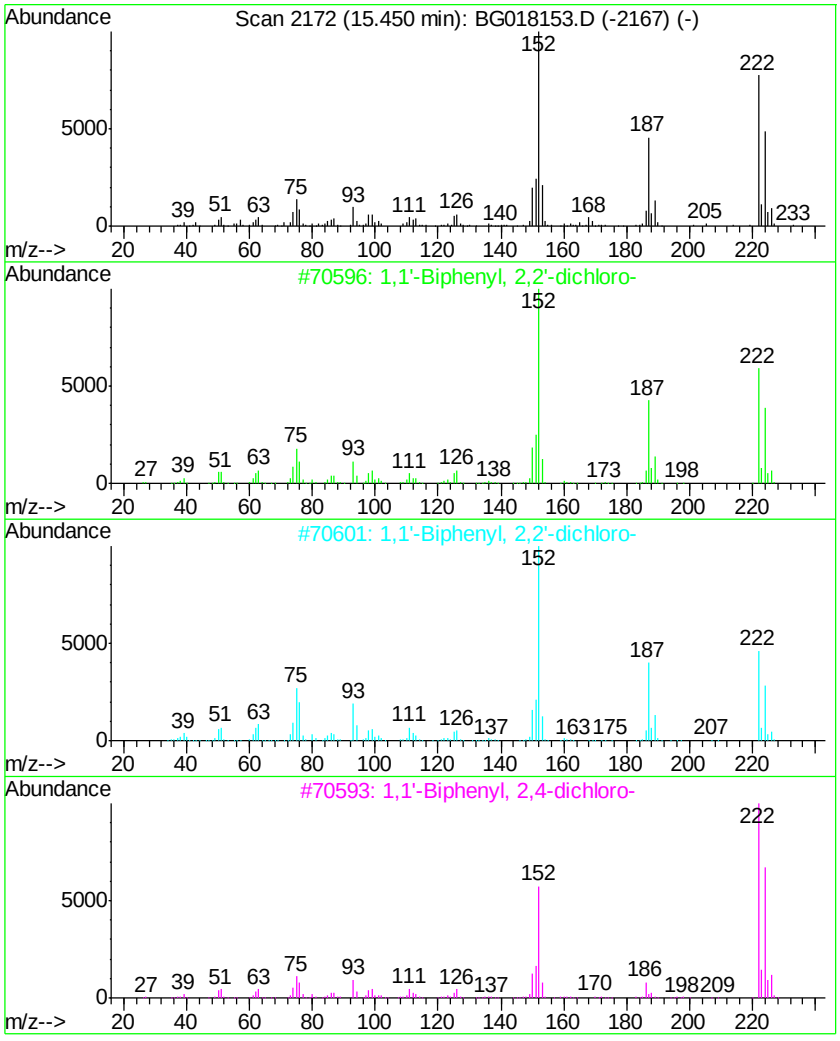
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

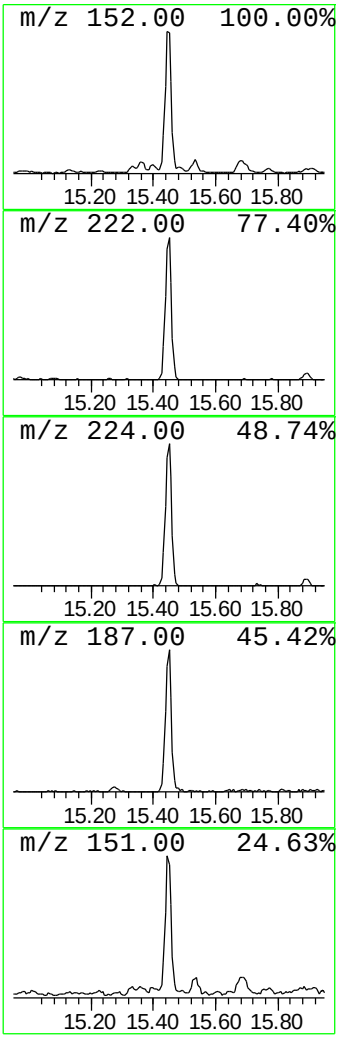
****

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	9.83 ng/ul	302768	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

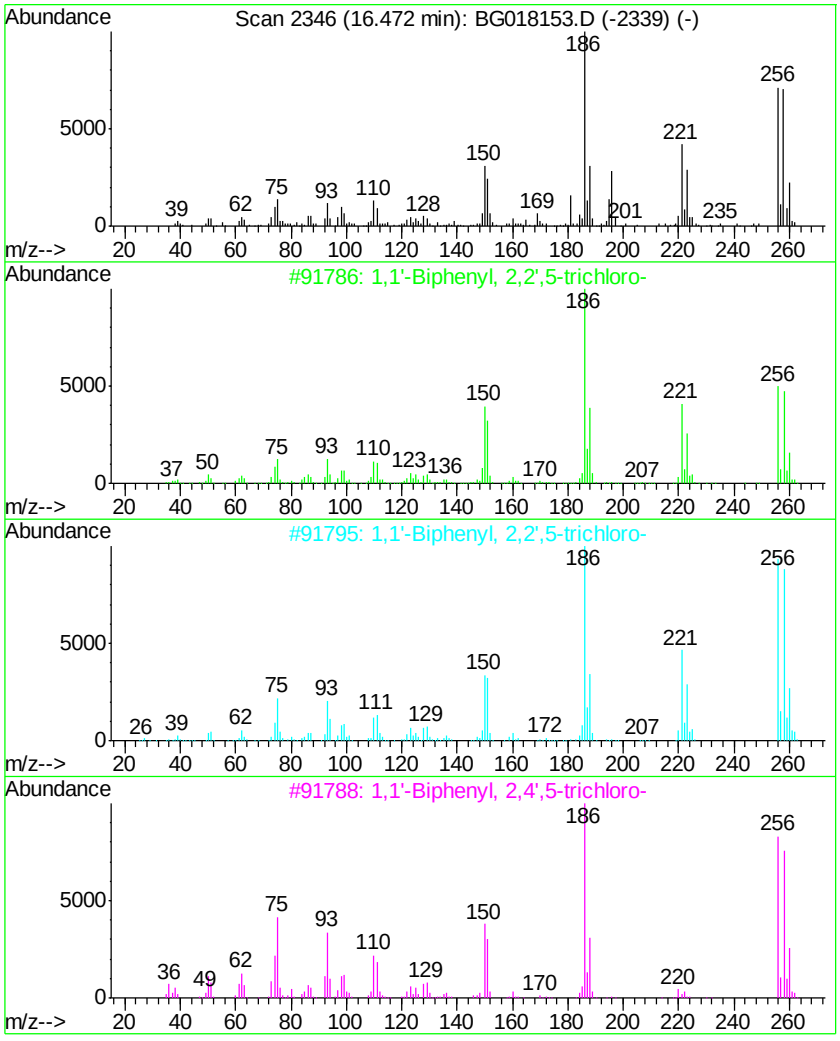
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

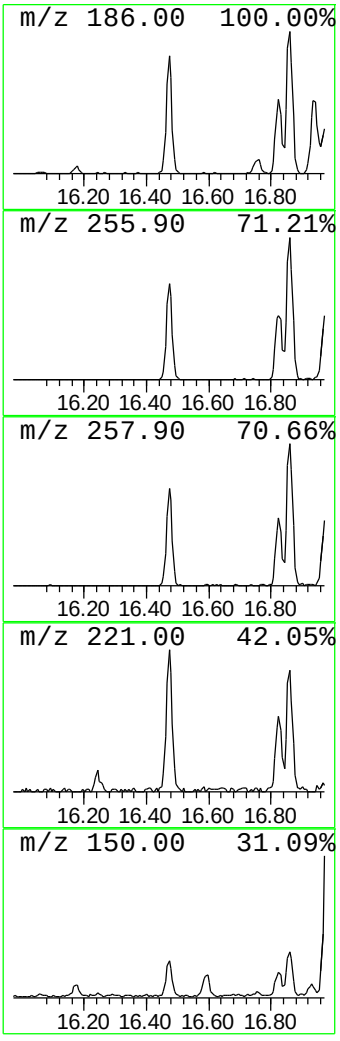
****

Peak Number 3 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	7.31 ng/ul	252810	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	97





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

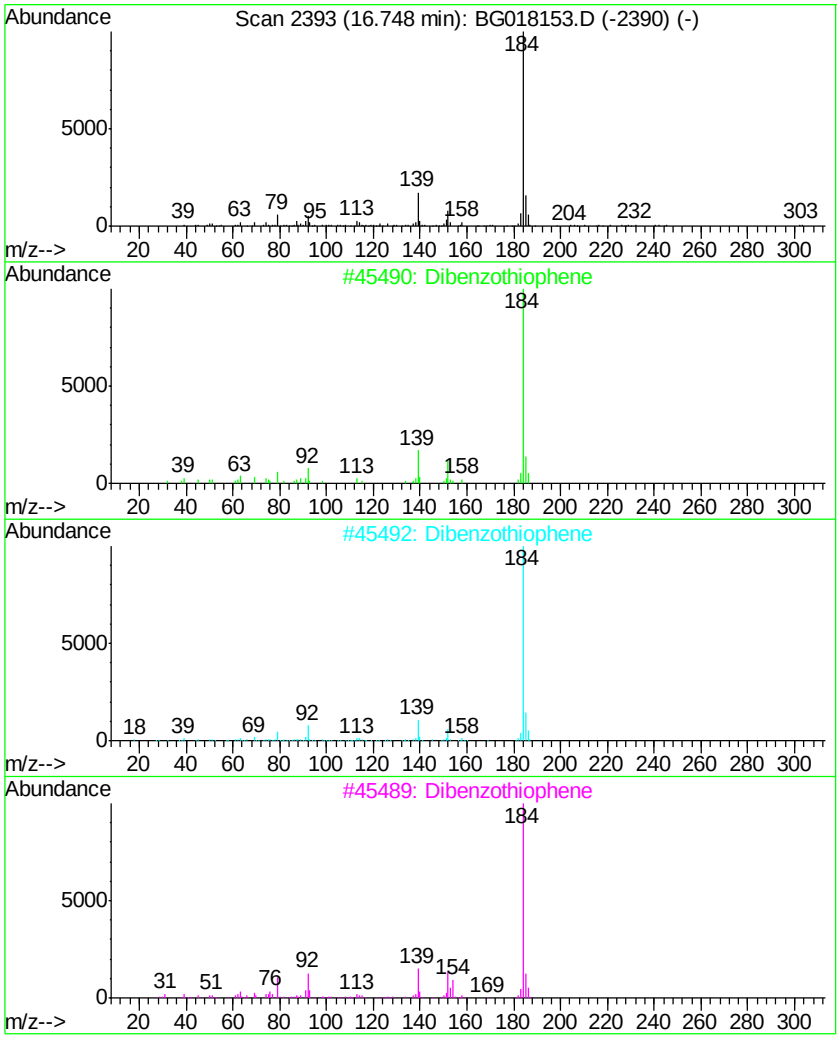
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

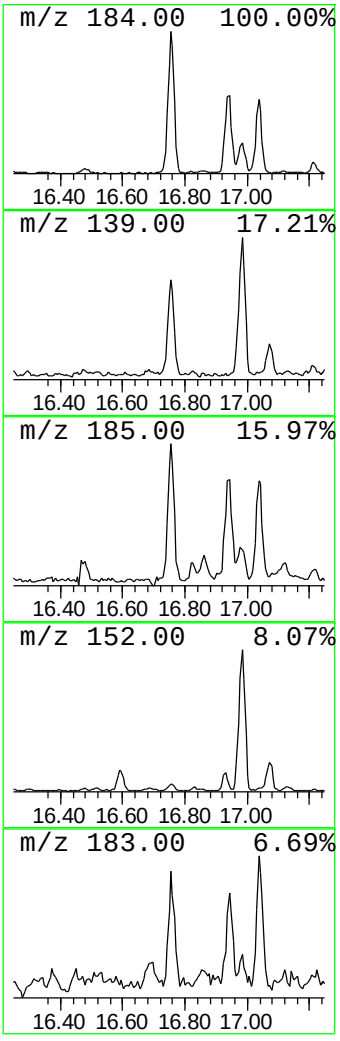
****

Peak Number 4 Dibenzothiophene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	4.56 ng/ul	157637	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	83
4	Dibenzothiophene	184	C12H8S	000132-65-0	80
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

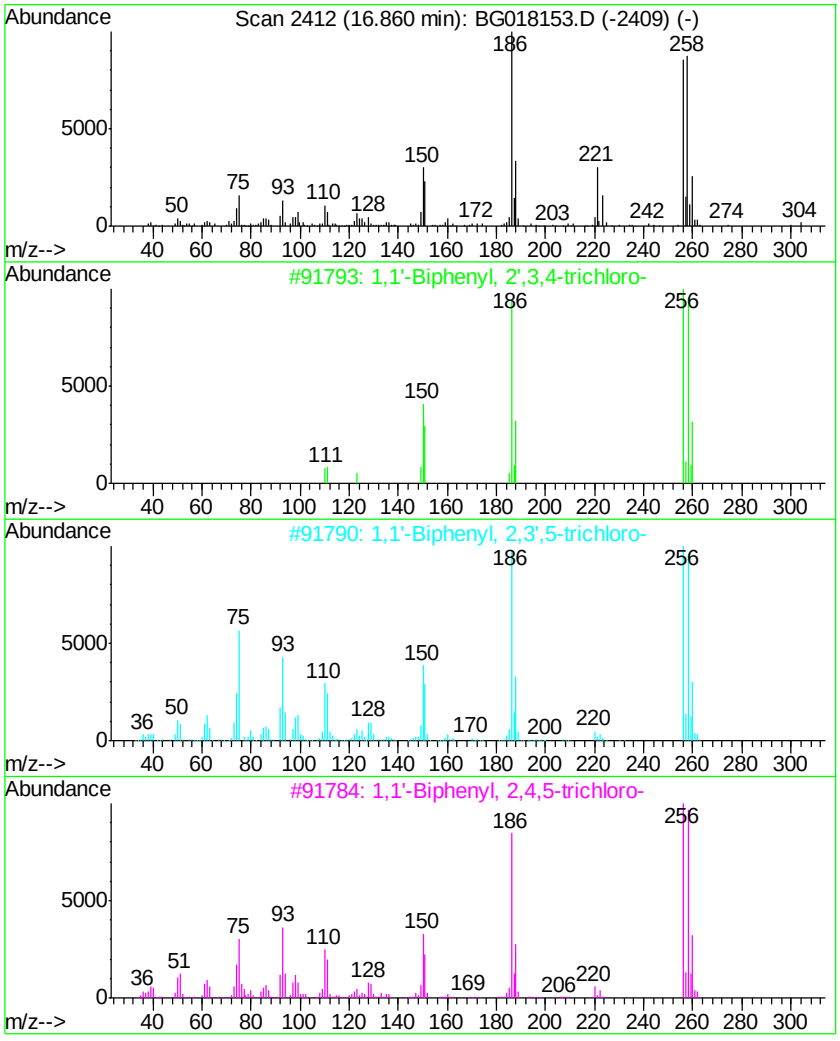
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

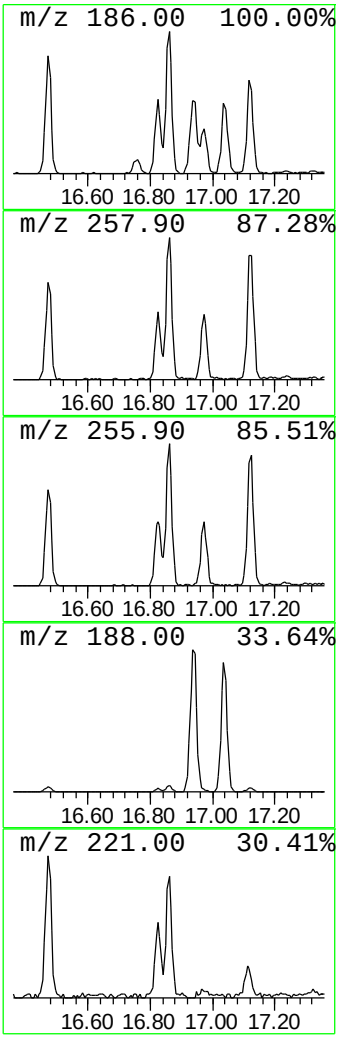
****

Peak Number 5 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	6.40 ng/ul	221329	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	95
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	94
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	94
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94





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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

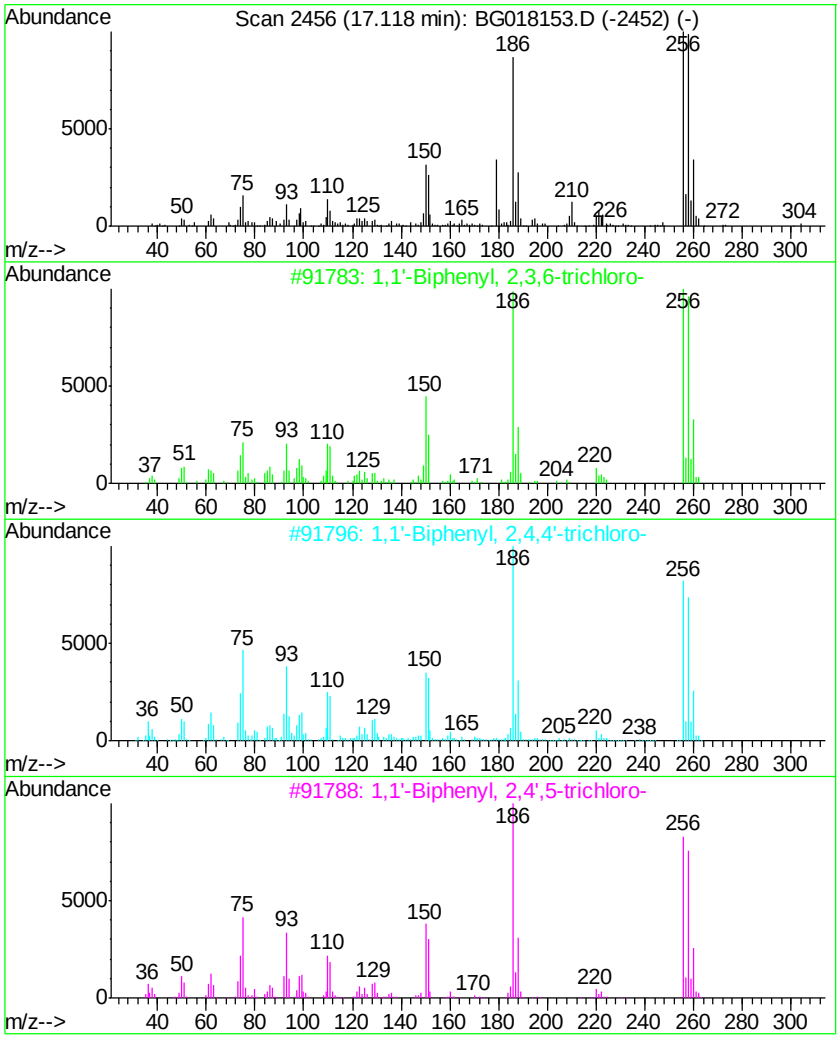
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

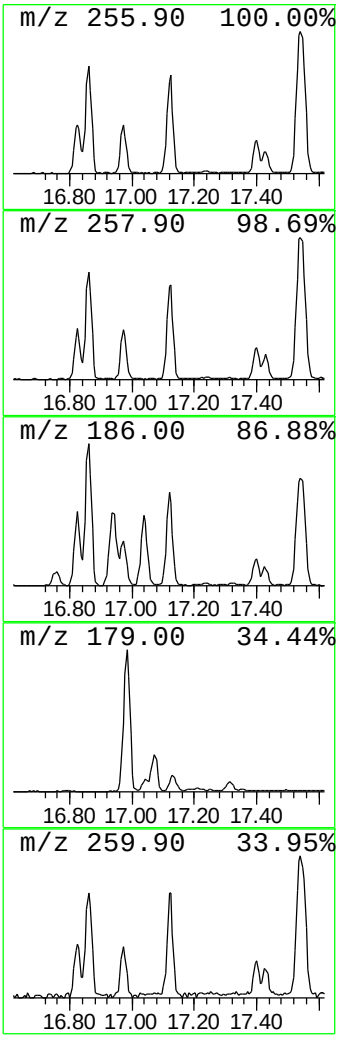
****

Peak Number 6 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	7.09 ng/ul	245395	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	96
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	96





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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

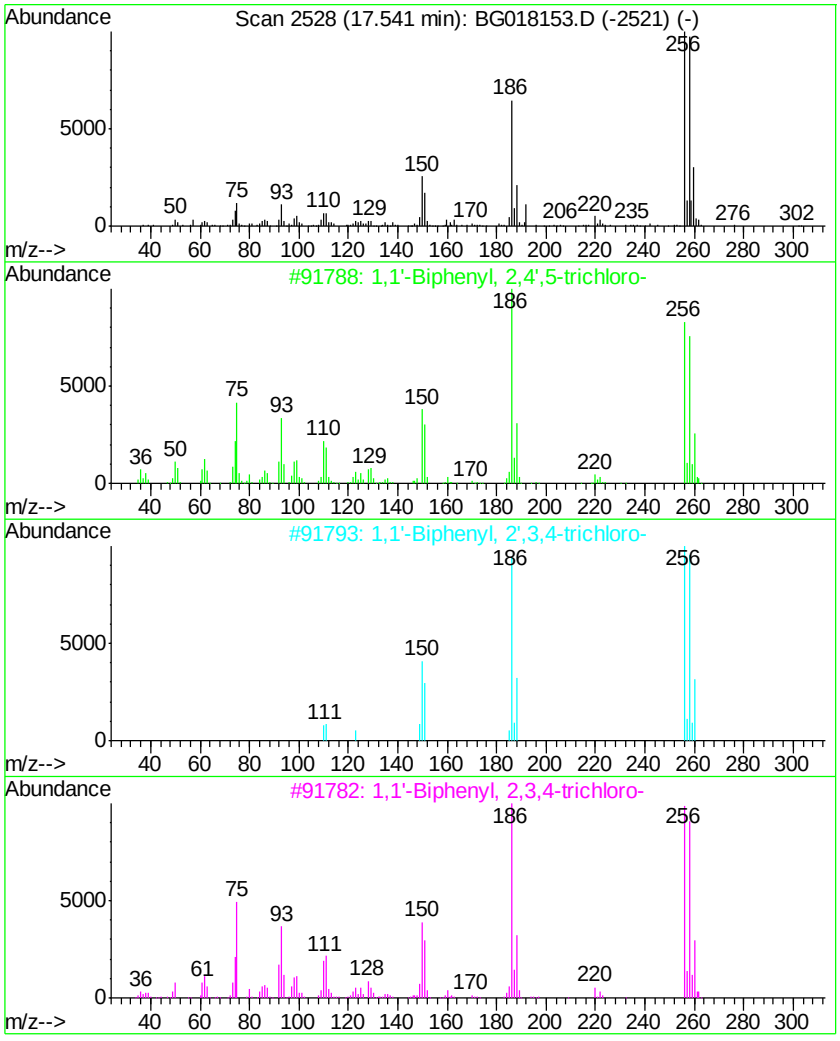
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

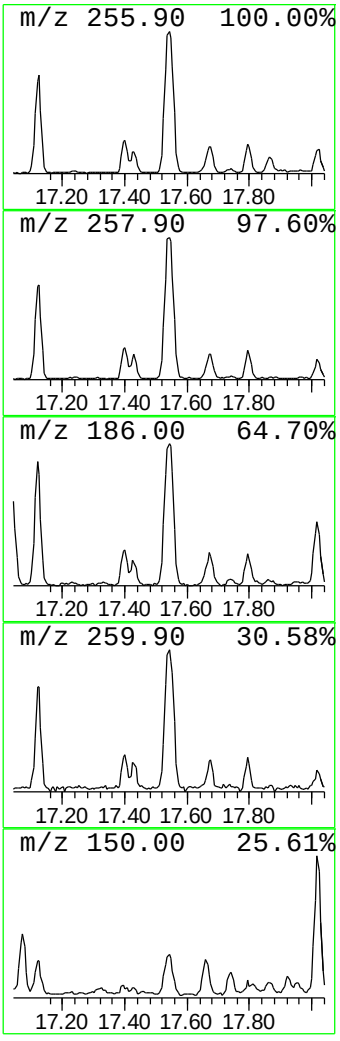
****

Peak Number 7 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	11.15 ng/ul	385857	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95





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Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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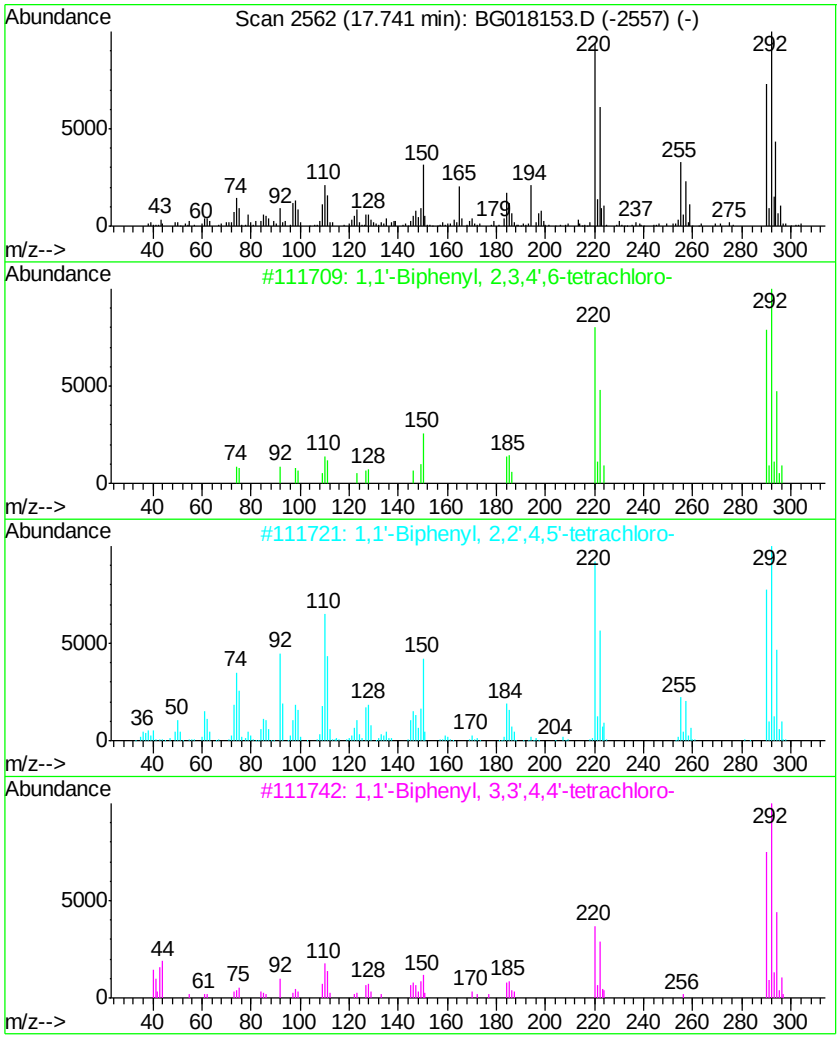
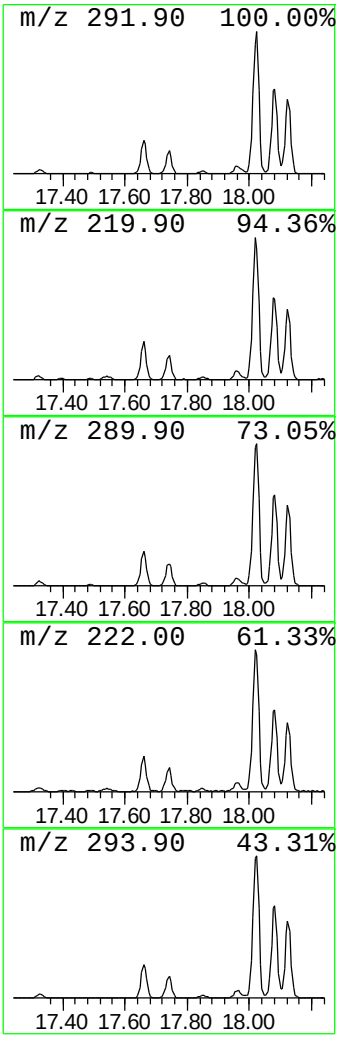
Peak Number 9 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	5.36 ng/ul	185596	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95
5	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	95





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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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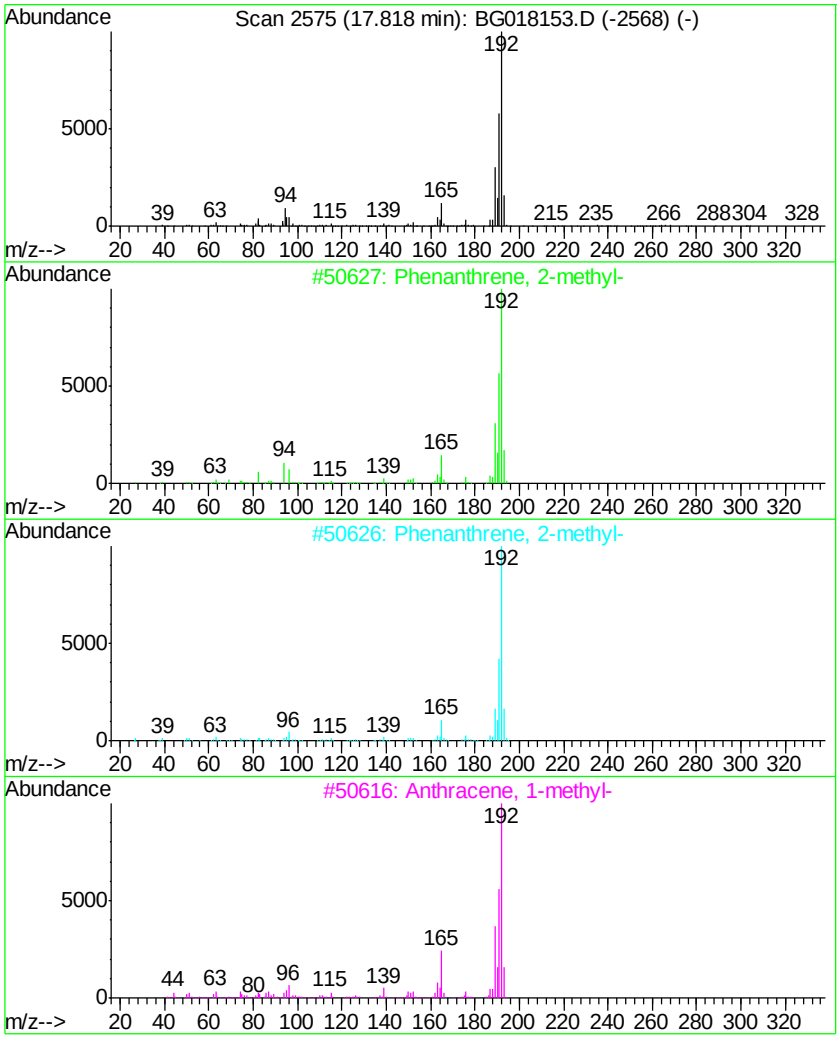
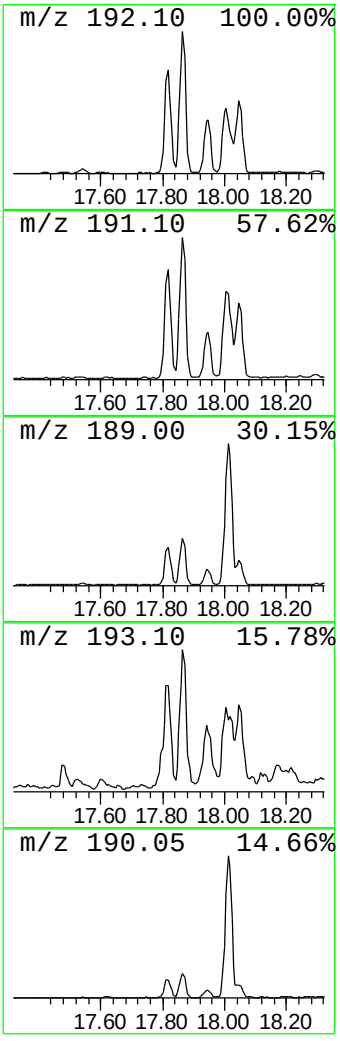
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	10.92 ng/ul	377823	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

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Quant Title : SVOA CALIBRATION

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

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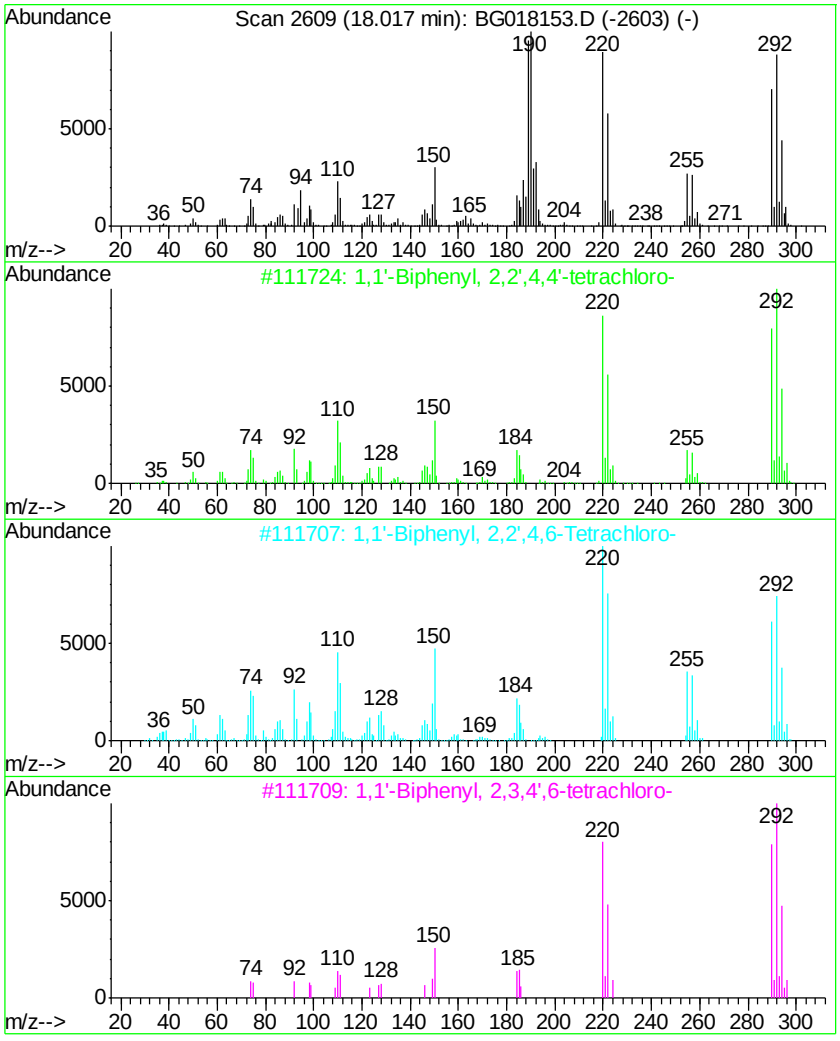
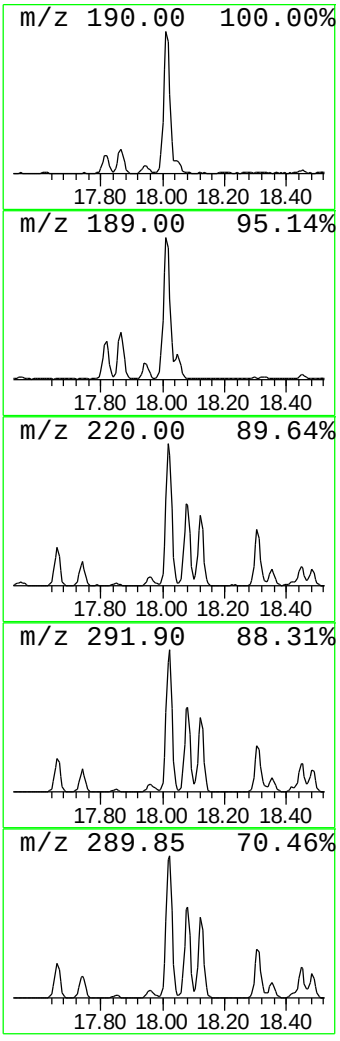
Peak Number 12 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	47.68 ng/ul	1649930	Phenanthrene-d10	16.94

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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97





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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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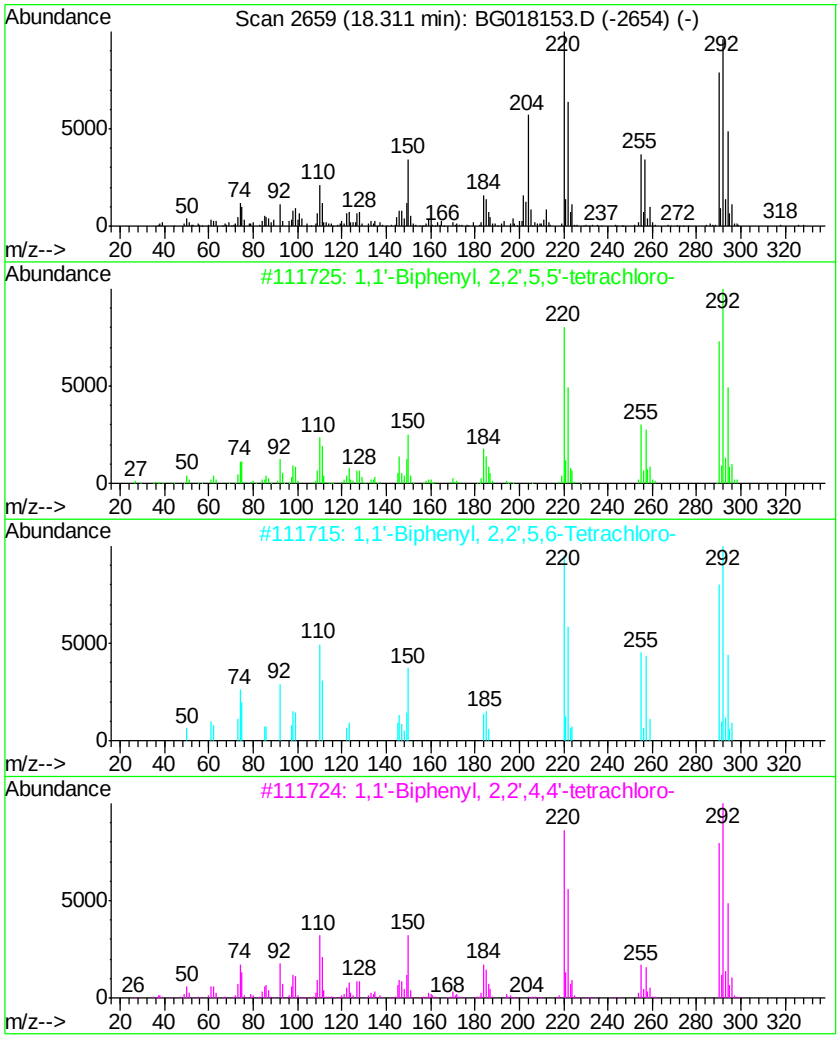
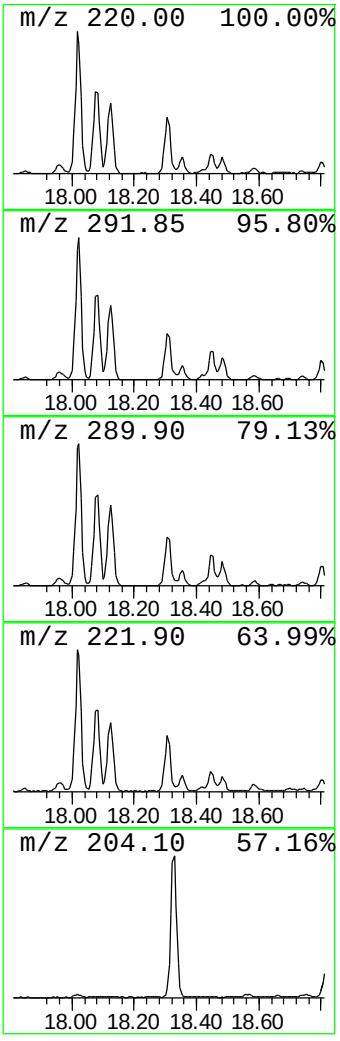
Peak Number 15 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	15.89 ng/ul	549955	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





Library Search Compound Report

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Sample : G3030-20
Misc :
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Instrument : BNA_G
ClientSampleId : C02K6

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Quant Title : SVOA CALIBRATION

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

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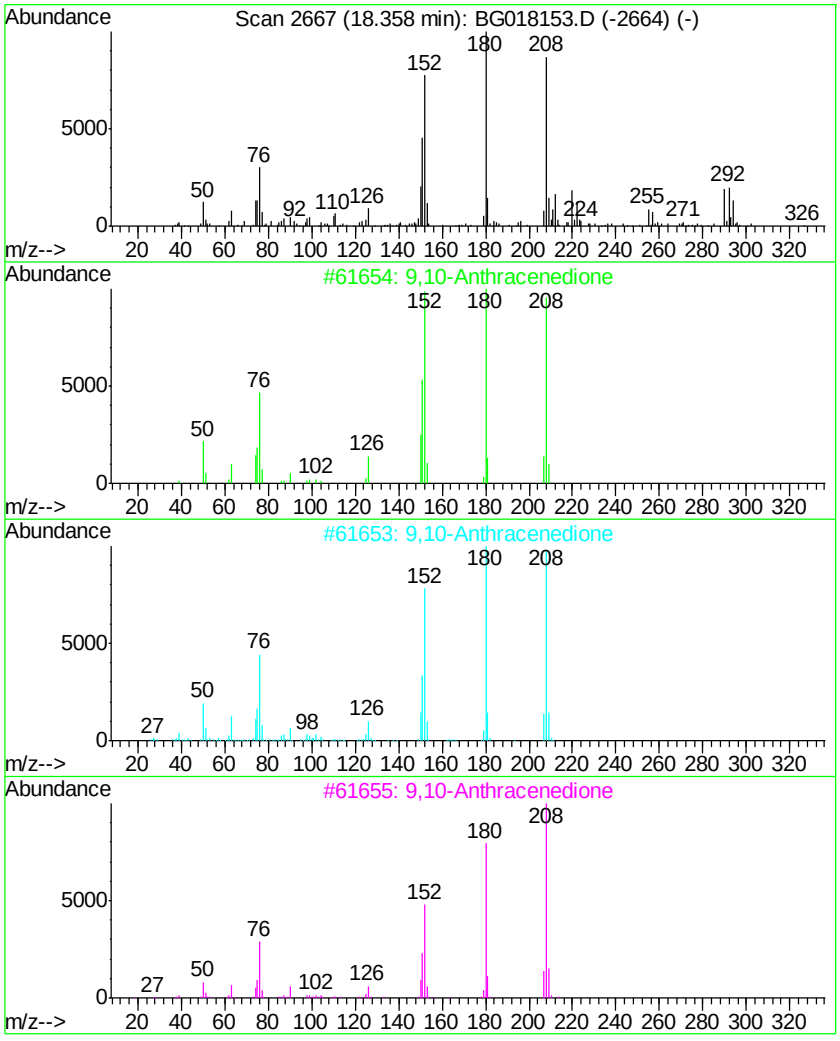
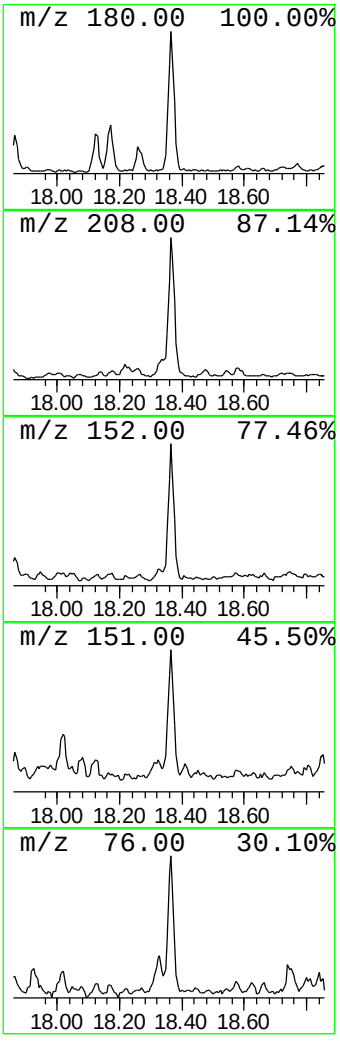
Peak Number 16 9,10-Anthracenedione Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.43 ng/ul	257071	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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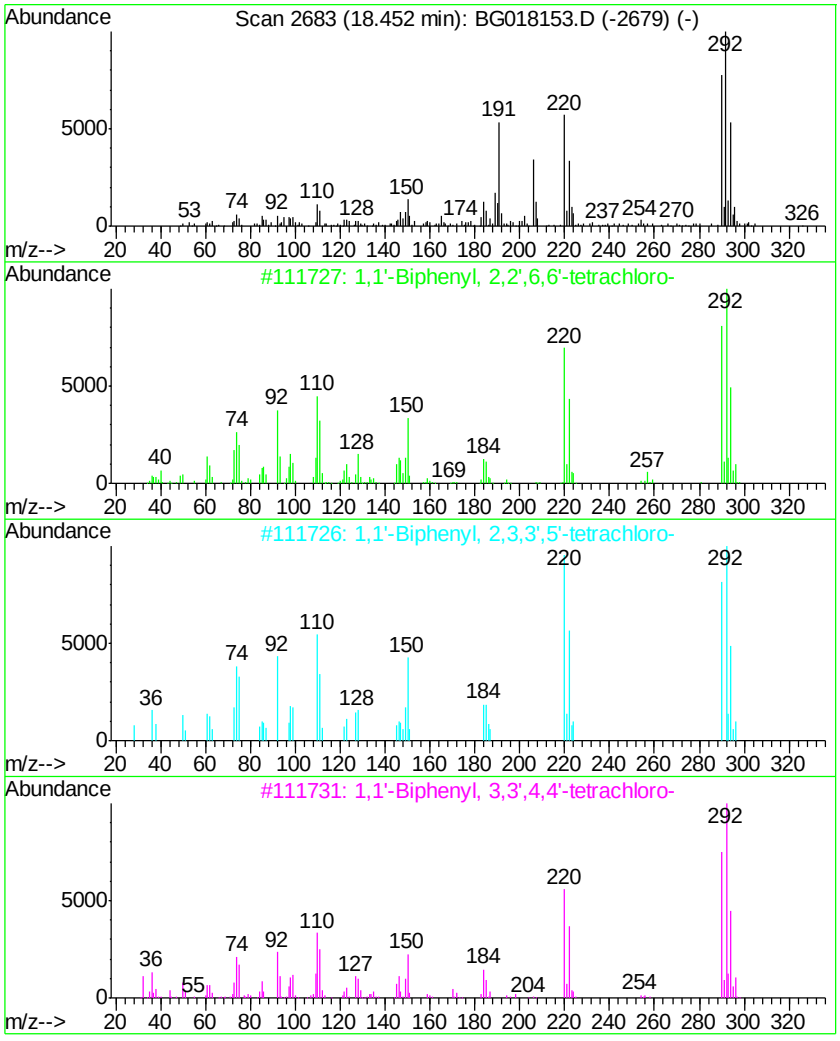
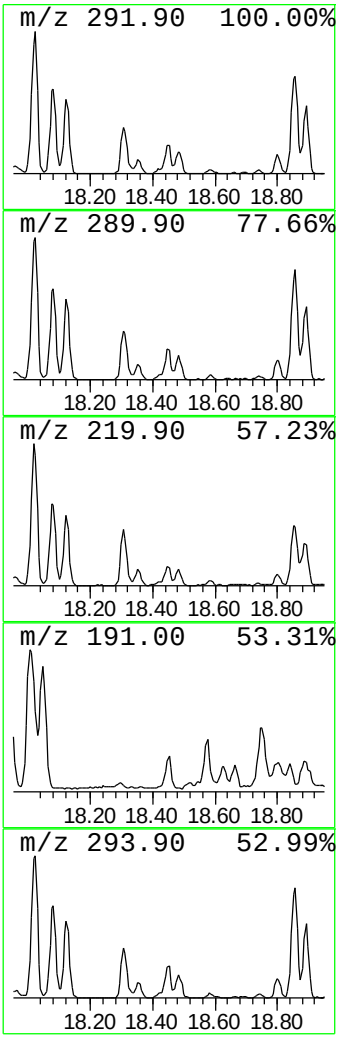
Peak Number 17 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.50 ng/ul	155696	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	95
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95





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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
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Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

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Quant Title : SVOA CALIBRATION

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

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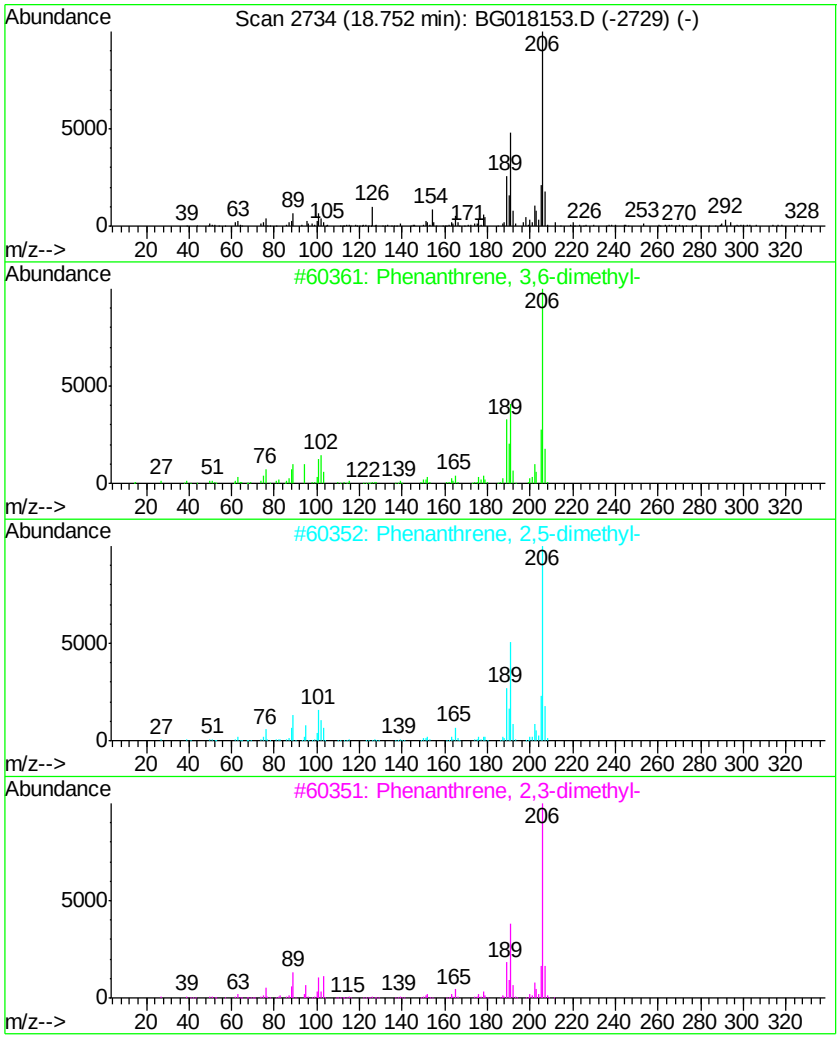
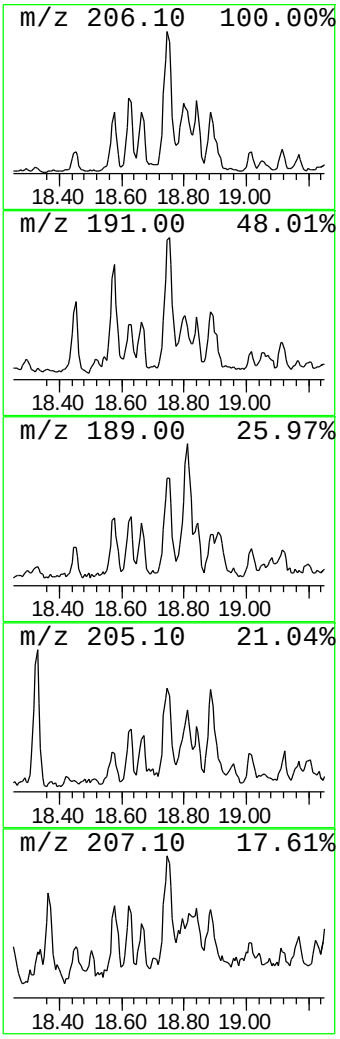
Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	5.17 ng/ul	179017	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





Library Search Compound Report

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Data File : BG018153.D
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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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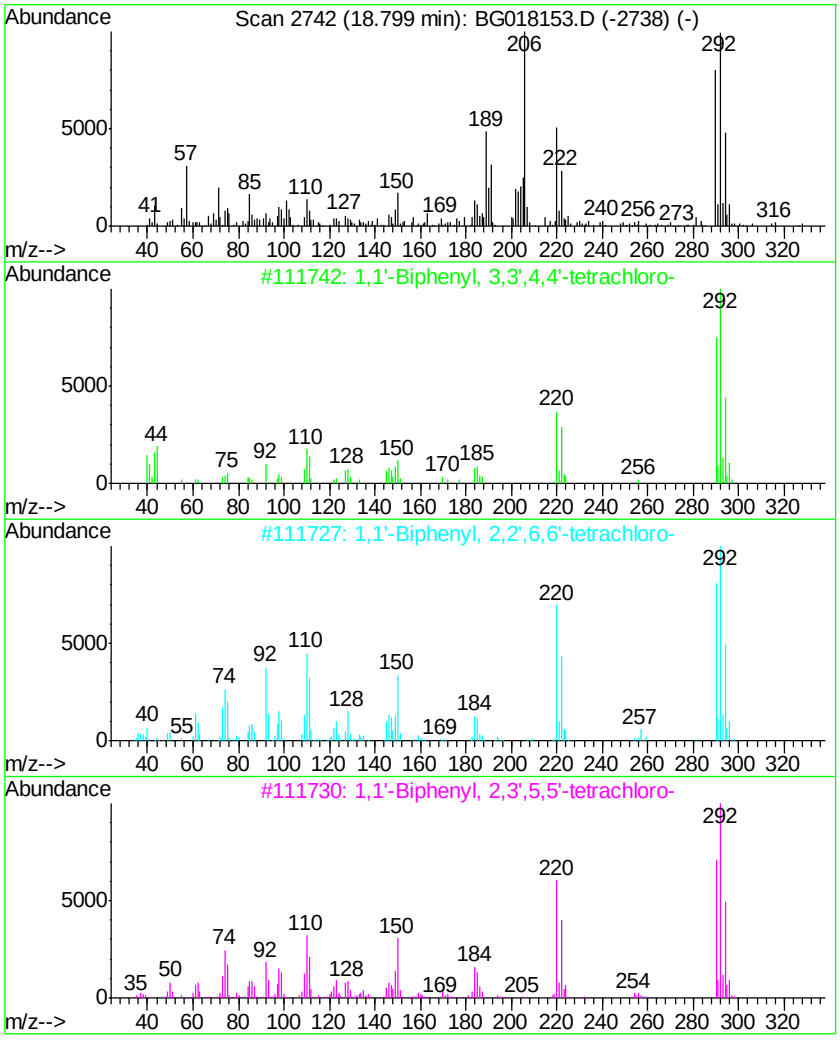
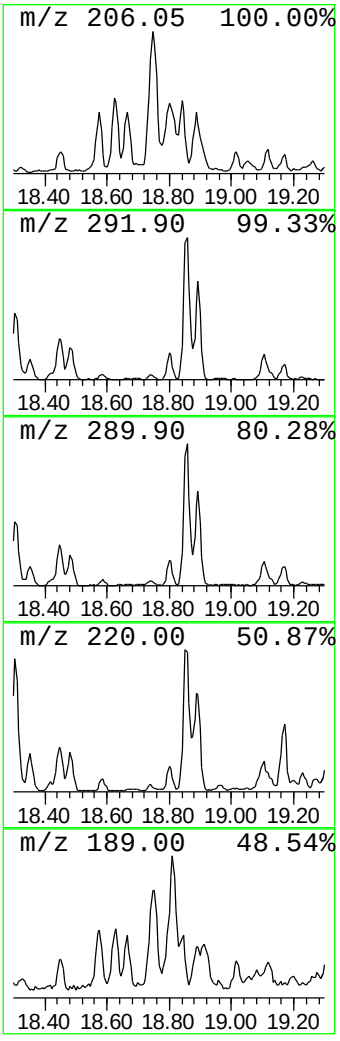
Peak Number 19 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	6.15 ng/ul	212878	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	90
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	90





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Quant Title : SVOA CALIBRATION

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

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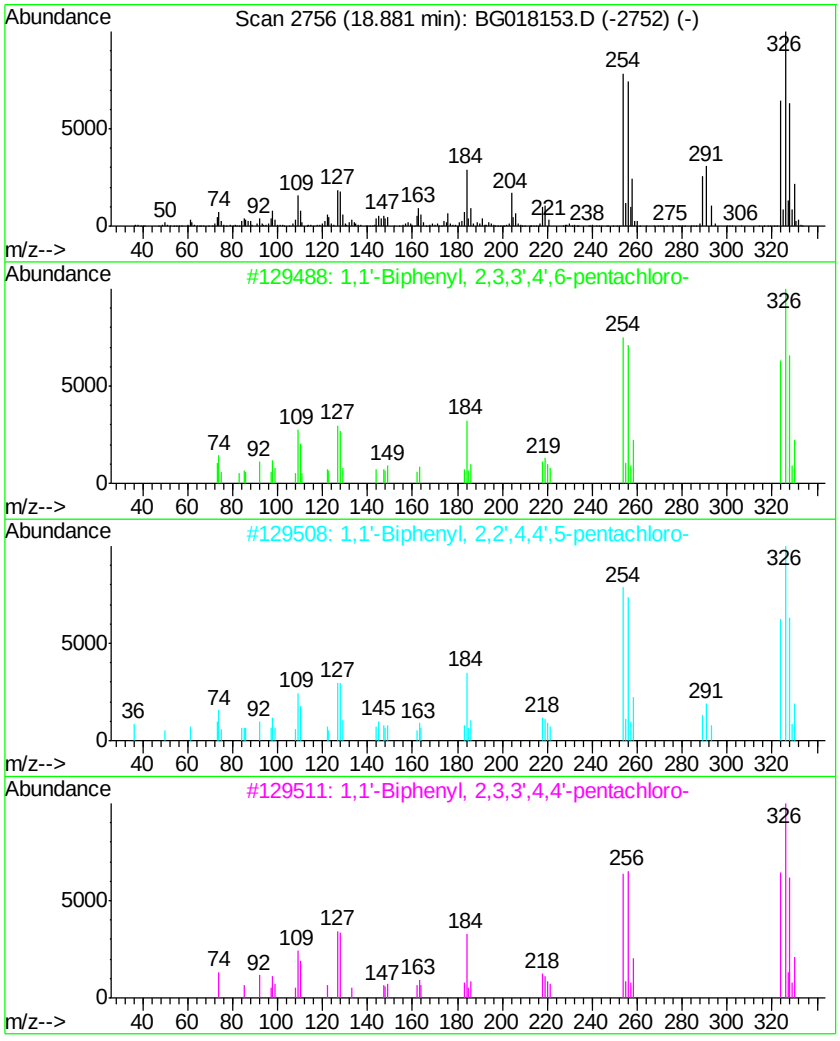
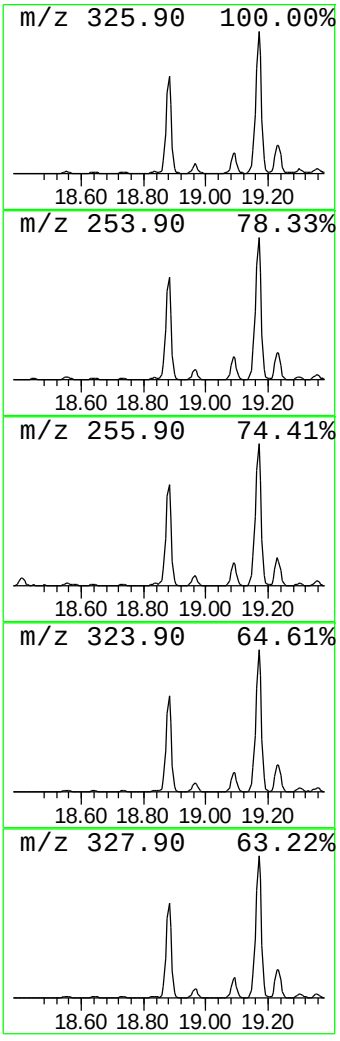
Peak Number 20 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	57.19 ng/ul	1978960	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98





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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

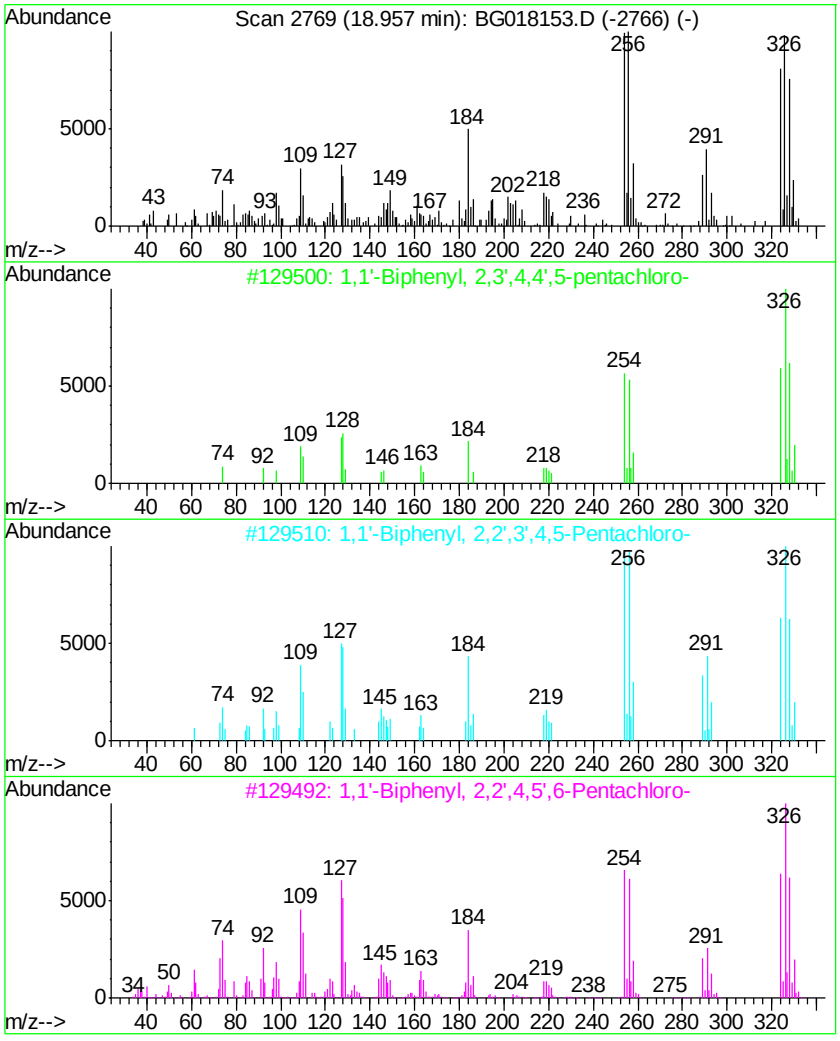
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

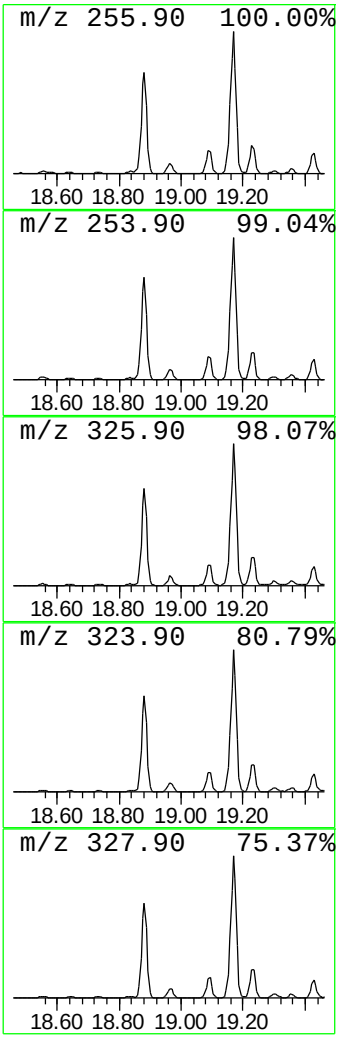
****

Peak Number 21 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	4.63 ng/ul	160230	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98





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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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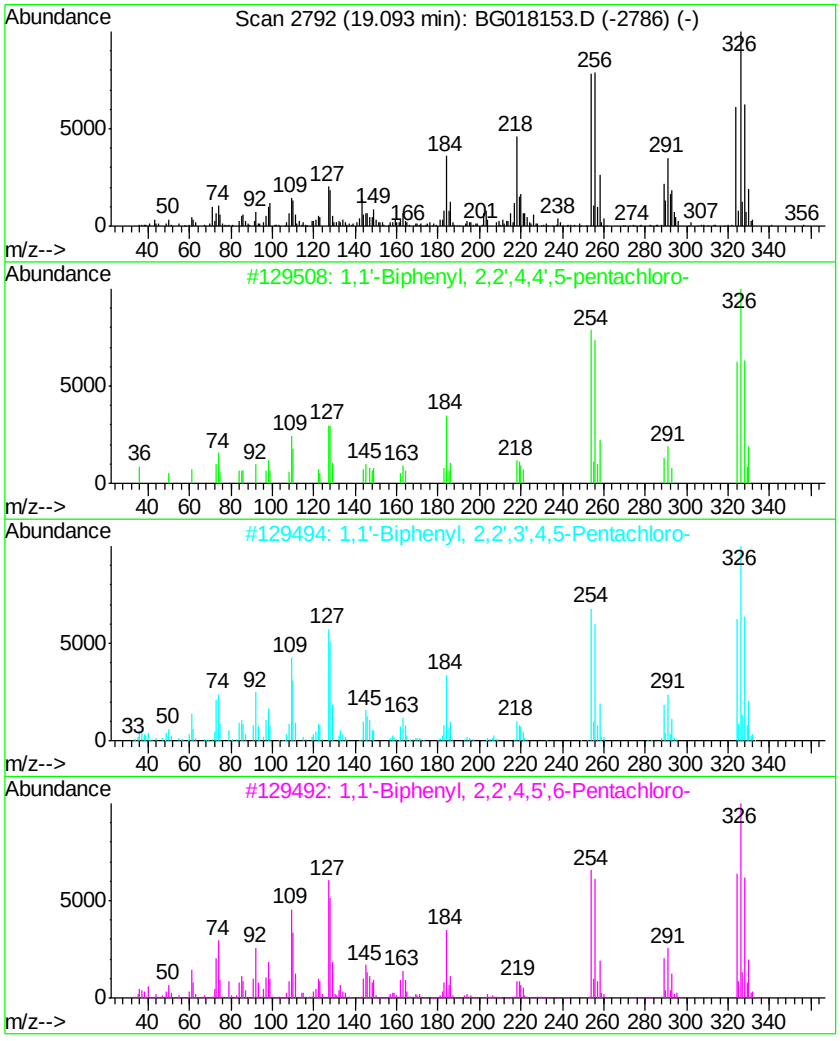
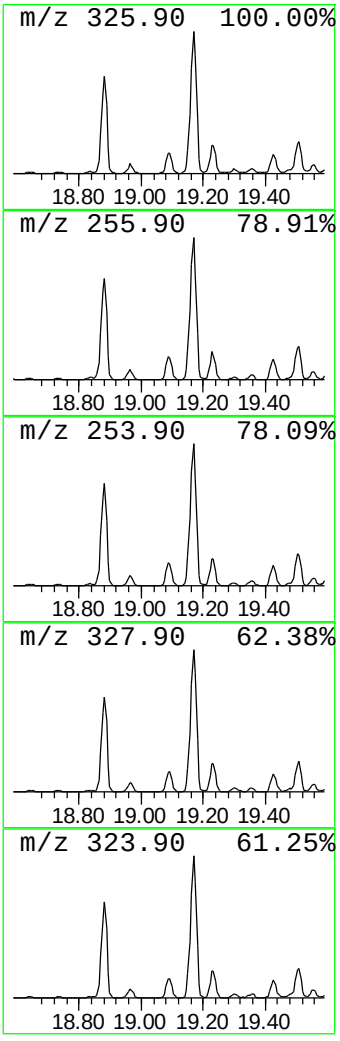
Peak Number 22 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	4.18 ng/ul	573534	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

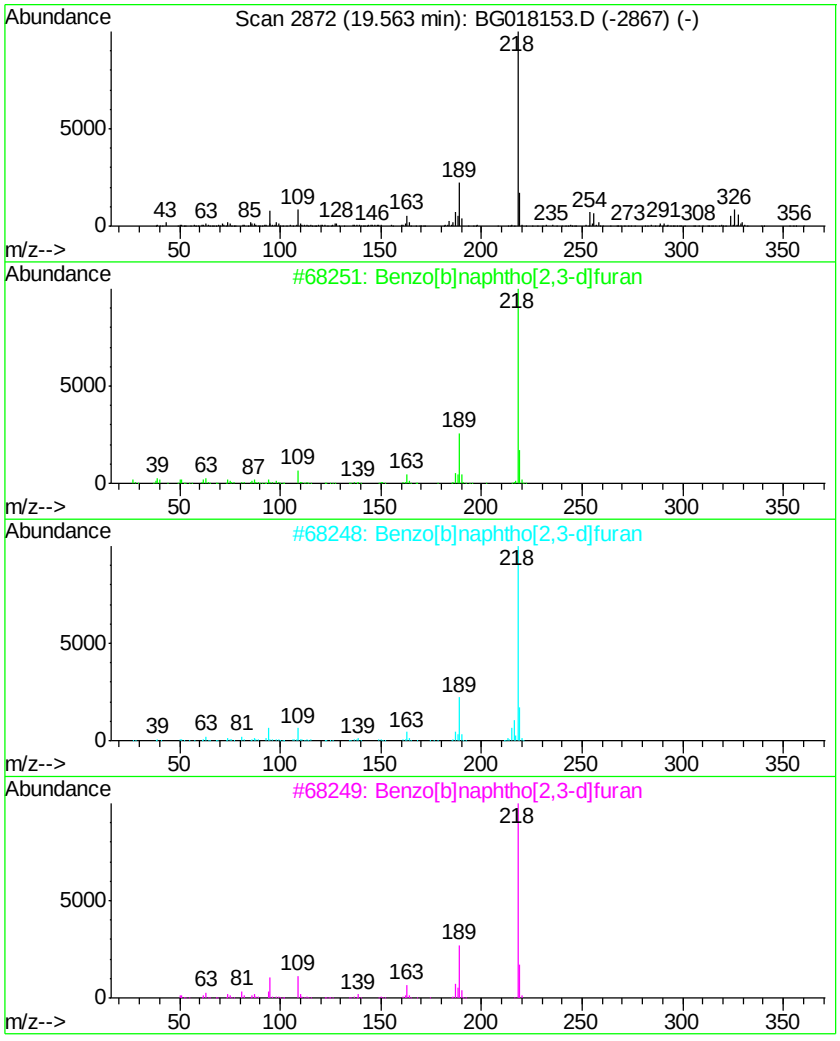
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

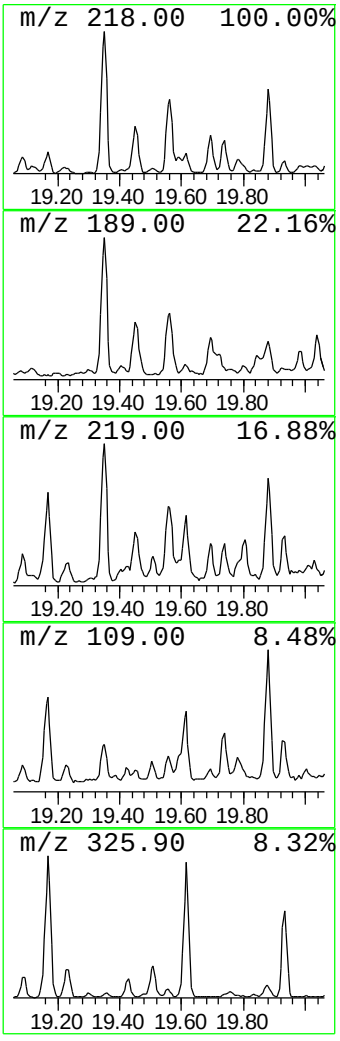
****

Peak Number 26 Benzo[b]naphtho[2,3-d]furan Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.14 ng/ul	293846	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	86
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	86
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	70





Library Search Compound Report

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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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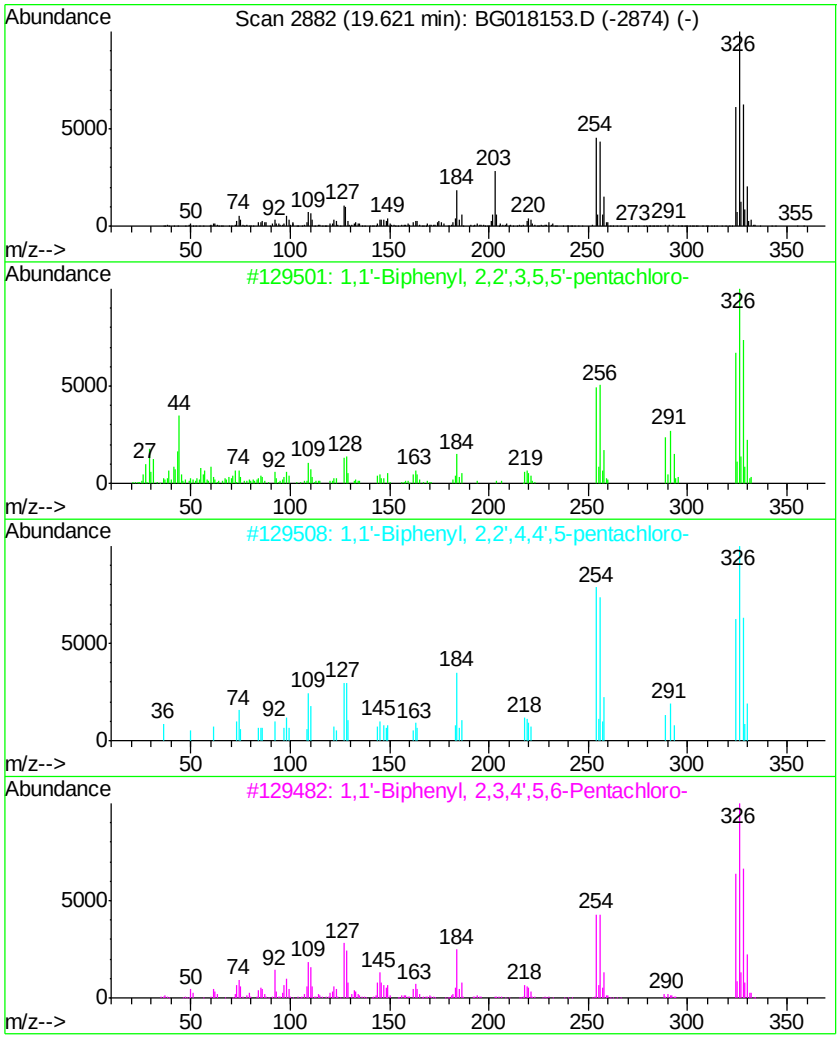
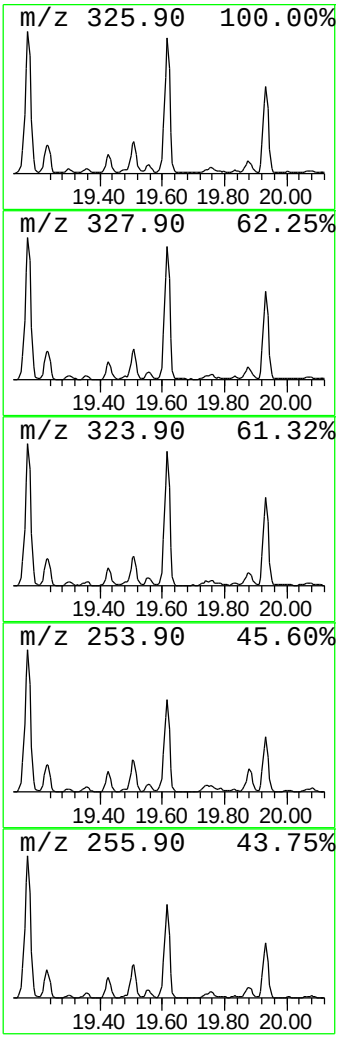
Peak Number 27 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	15.46 ng/ul	2120530	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95





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Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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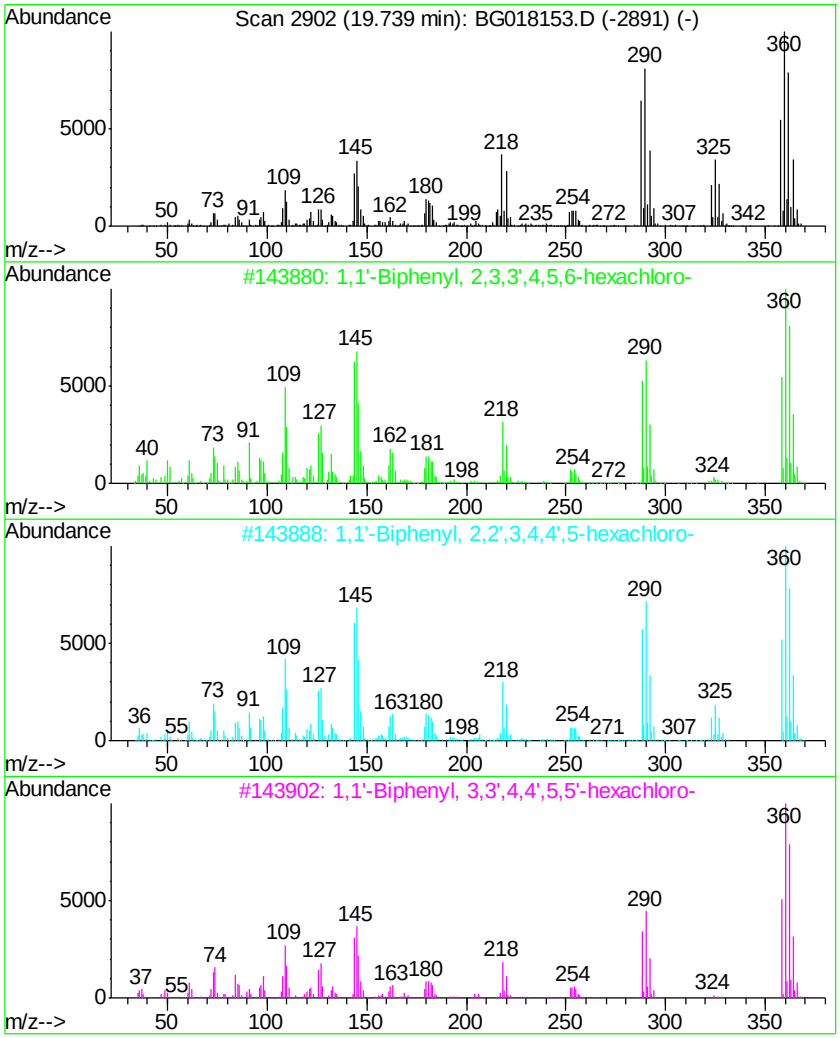
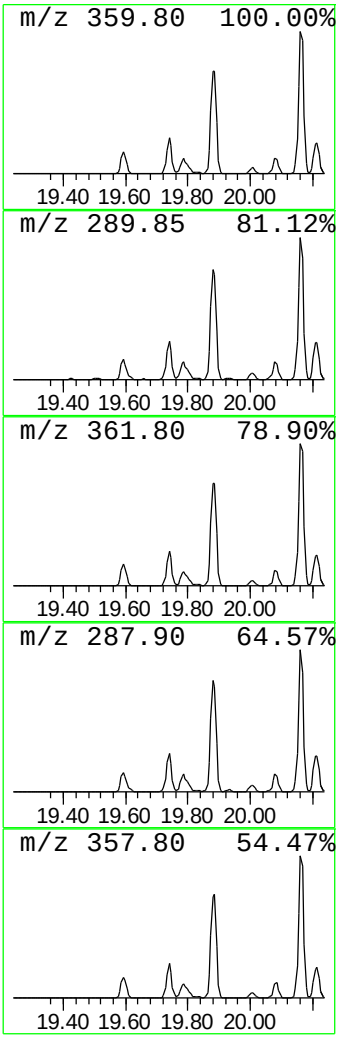
Peak Number 28 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	11.49 ng/ul	1575340	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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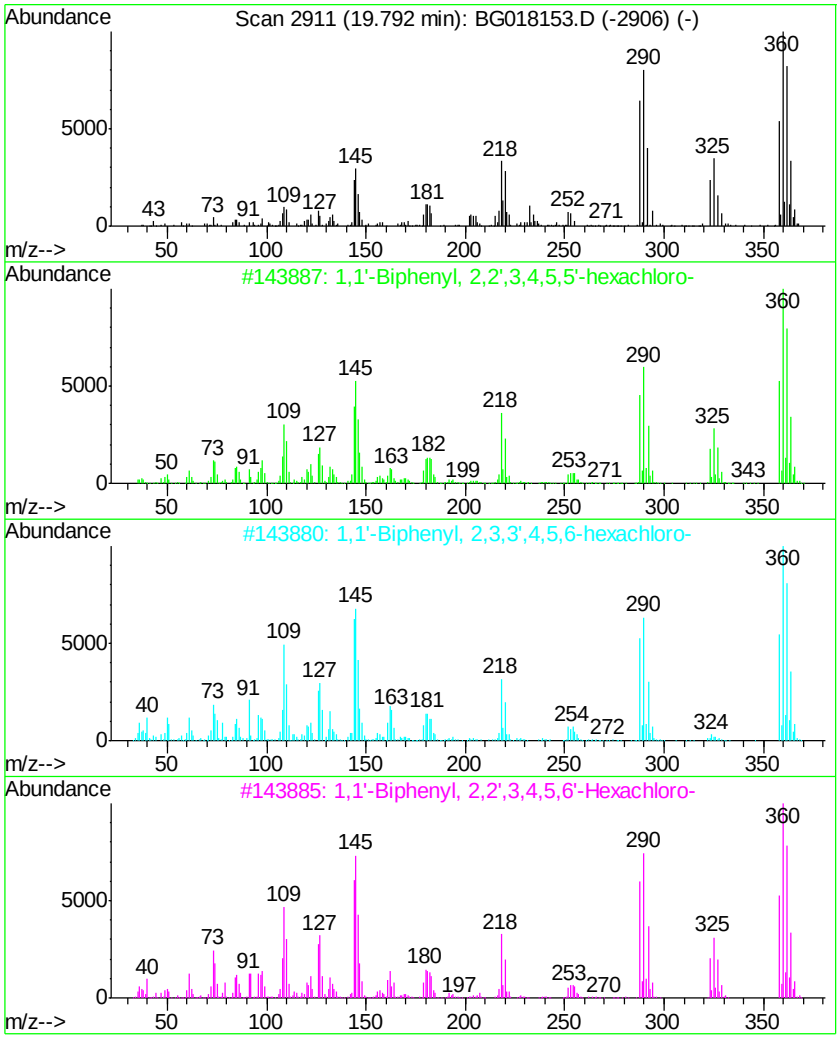
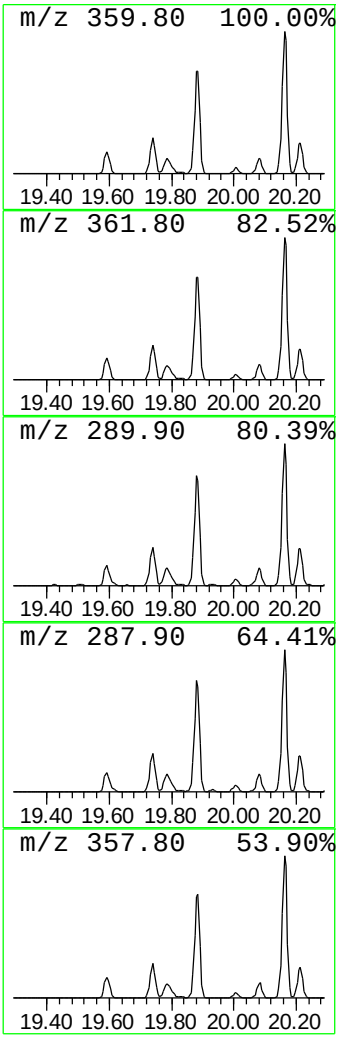
Peak Number 29 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	4.76 ng/ul	652685	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	98
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	96
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	95
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95





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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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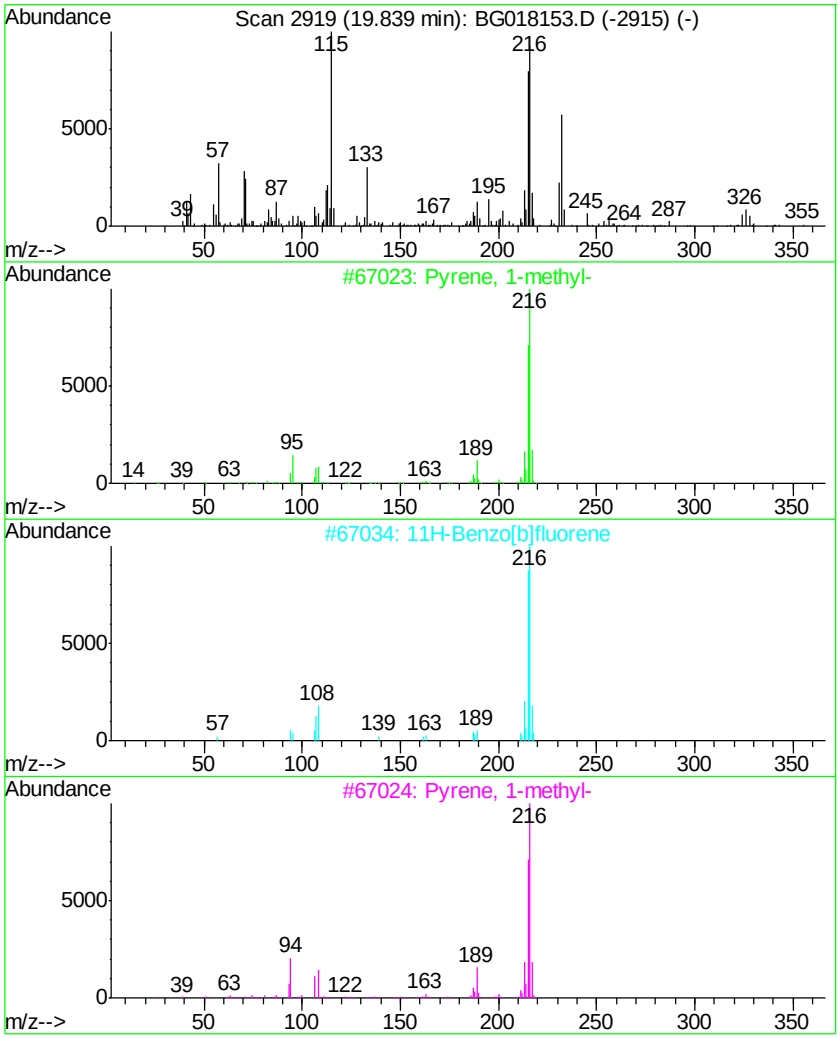
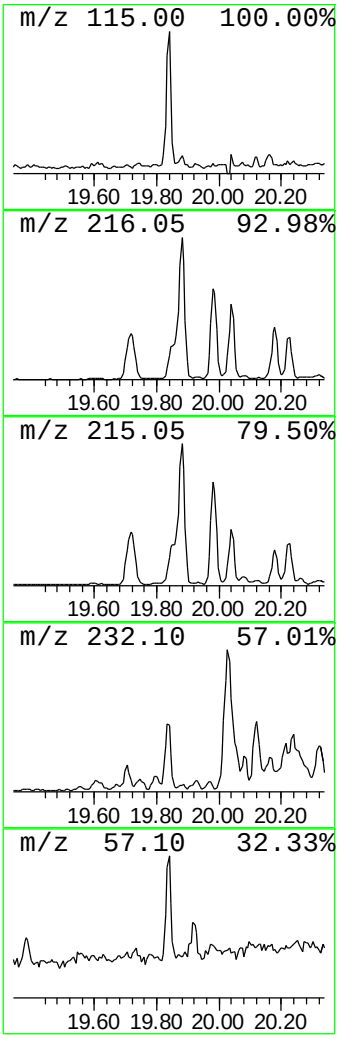
Peak Number 30 Pyrene, 1-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.24 ng/ul	306935	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46





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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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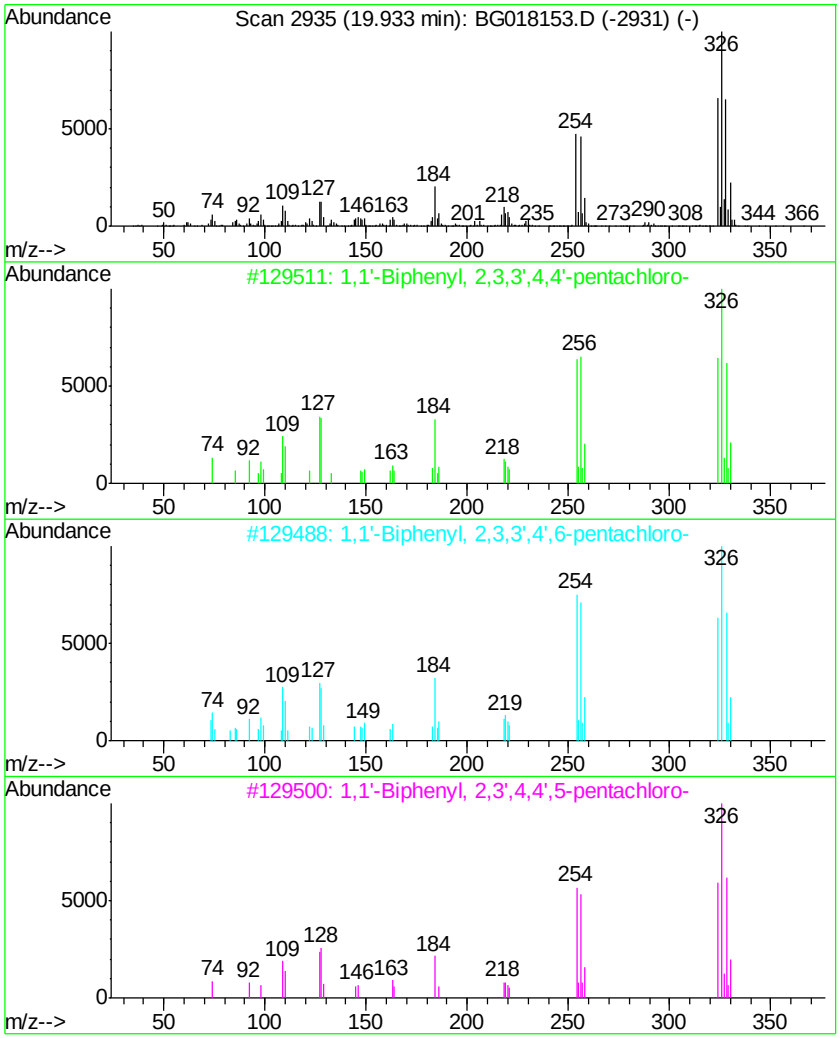
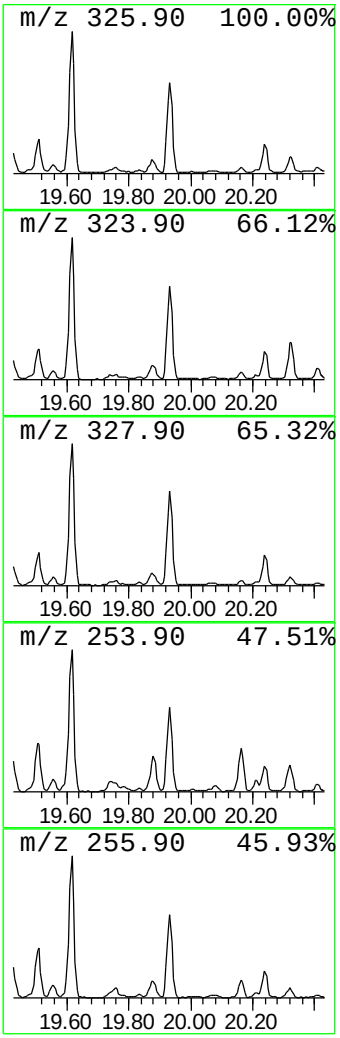
Peak Number 32 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	6.34 ng/ul	869983	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Library Search Compound Report

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Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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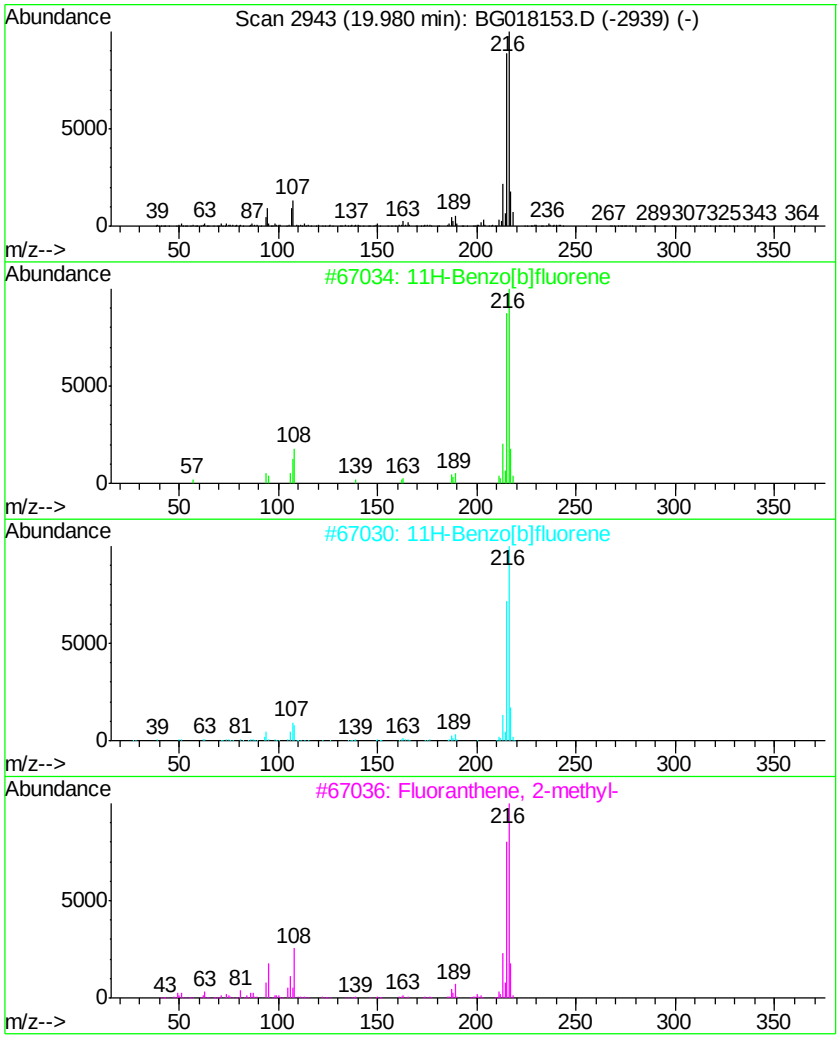
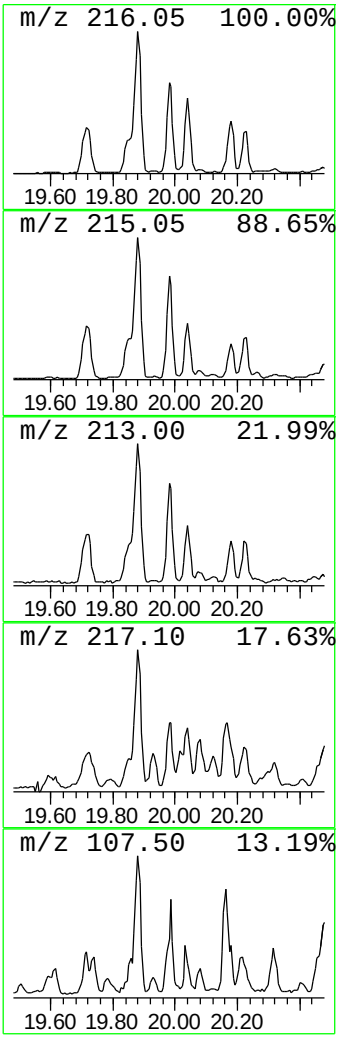
Peak Number 33 11H-Benzo[b]fluorene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	3.03 ng/ul	415577	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
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Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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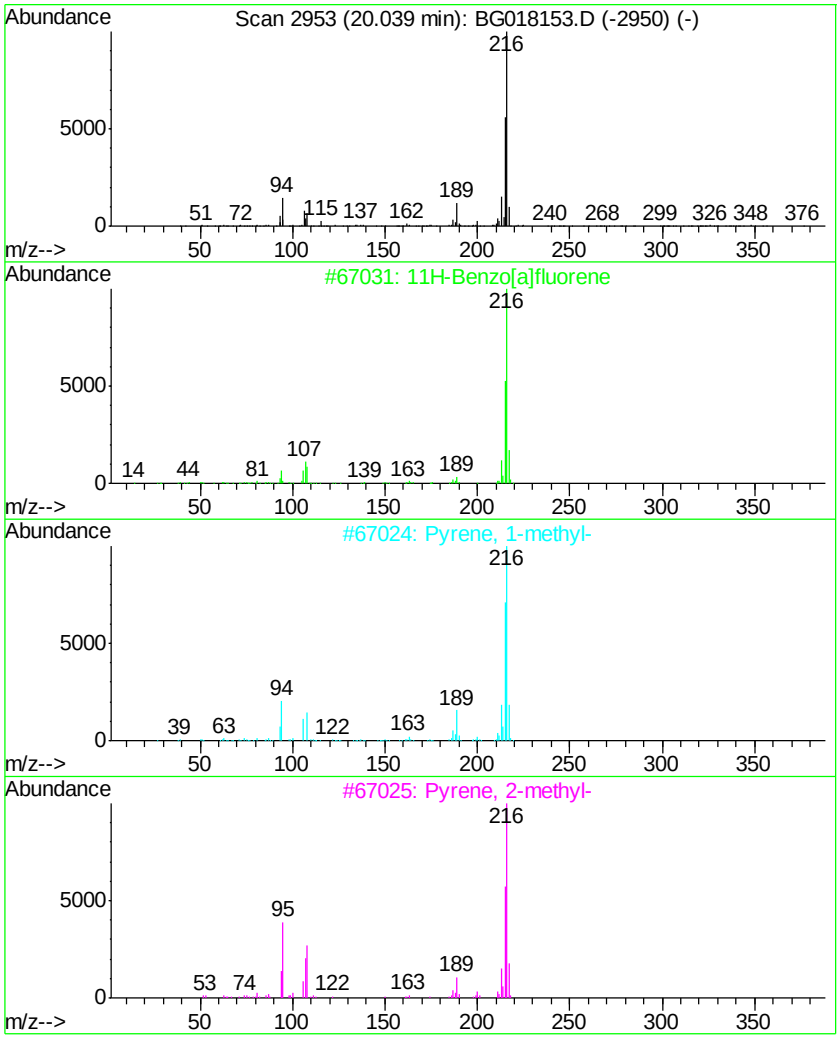
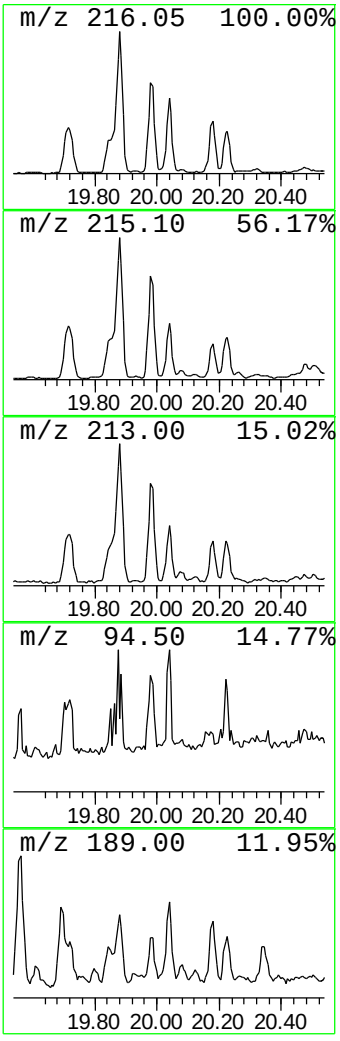
Peak Number 34 11H-Benzo[a]fluorene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.53 ng/ul	347484	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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

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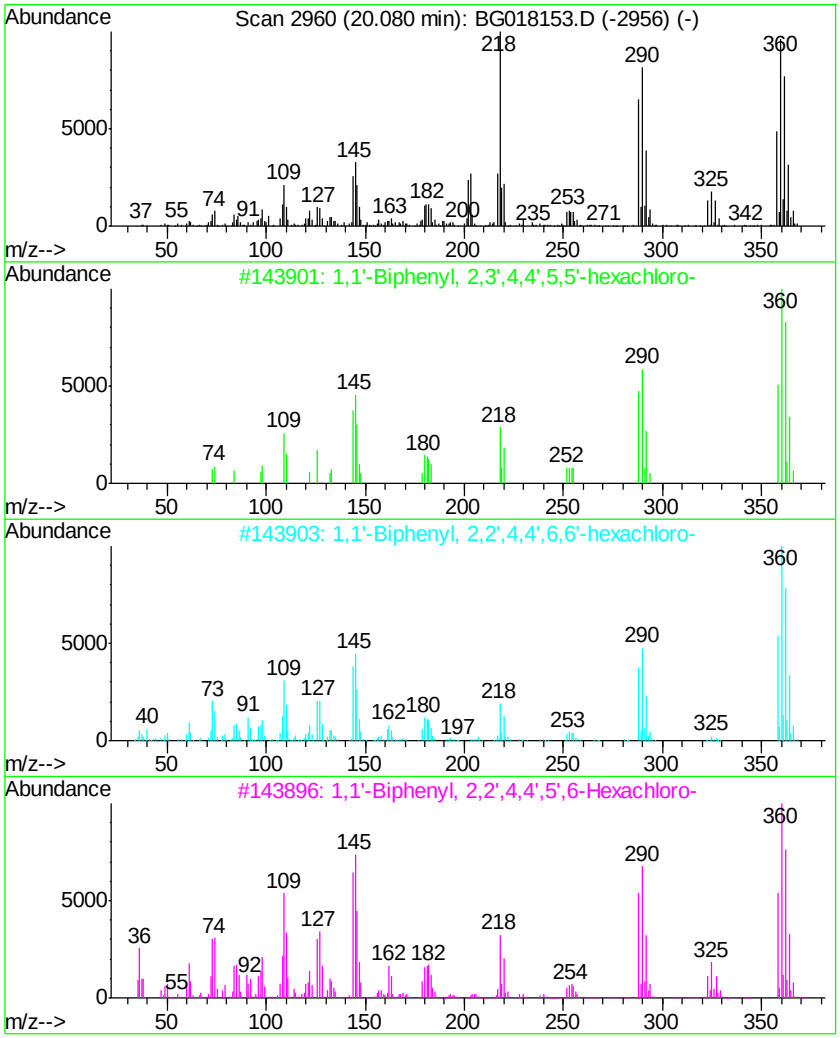
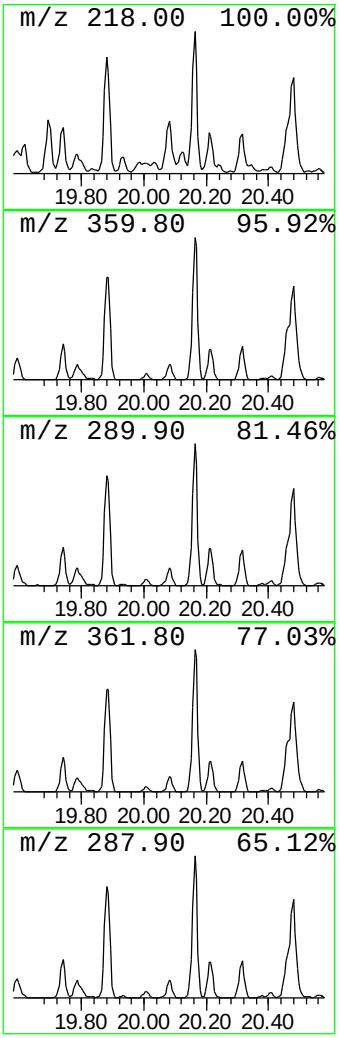
Peak Number 35 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	3.97 ng/ul	544991	Chrysene-d12	21.15

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	99
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	95
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	93
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

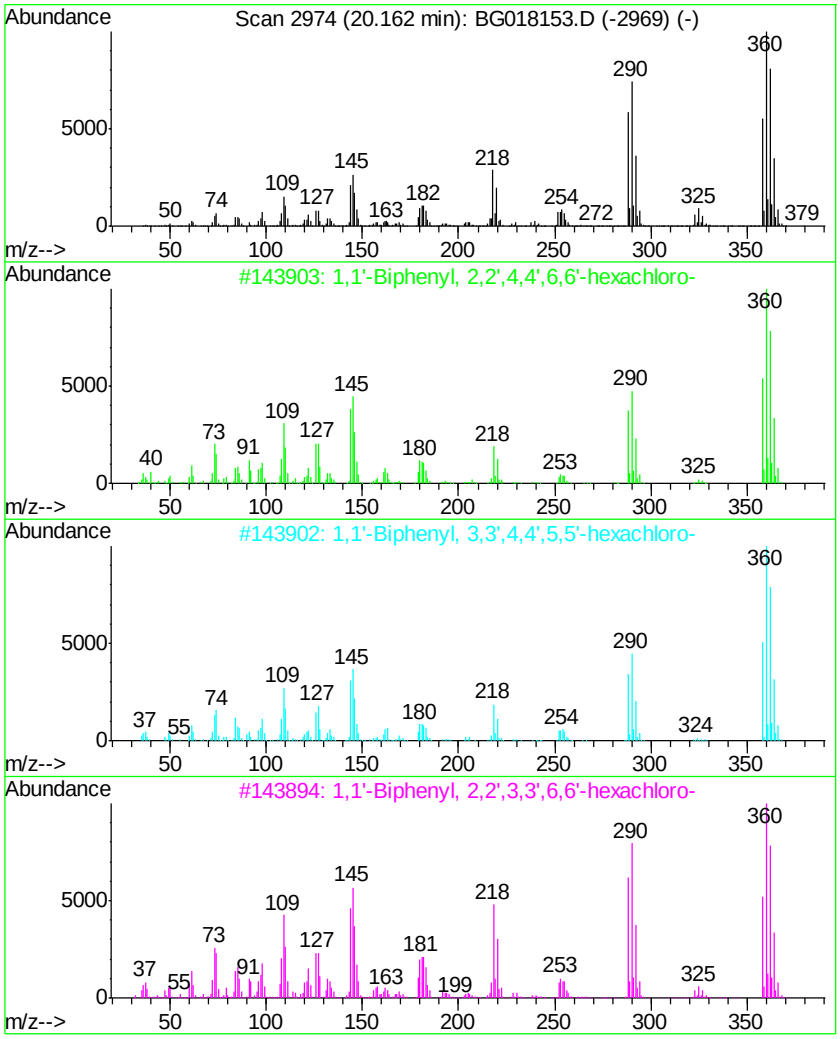
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

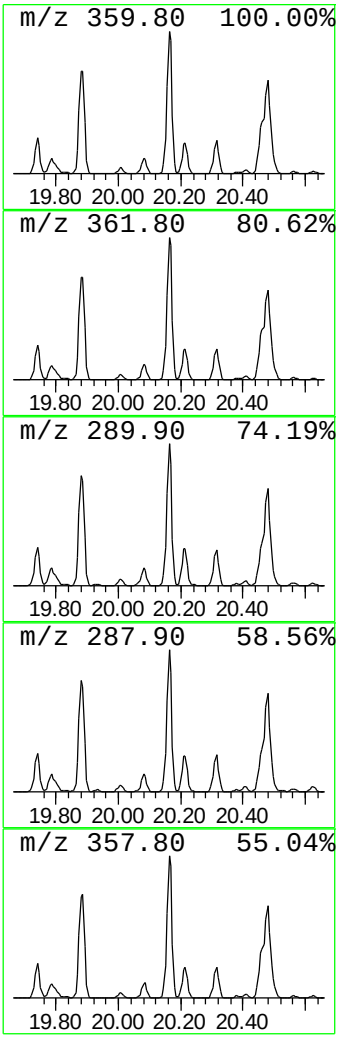
****

Peak Number 36 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	26.49 ng/ul	3631630	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

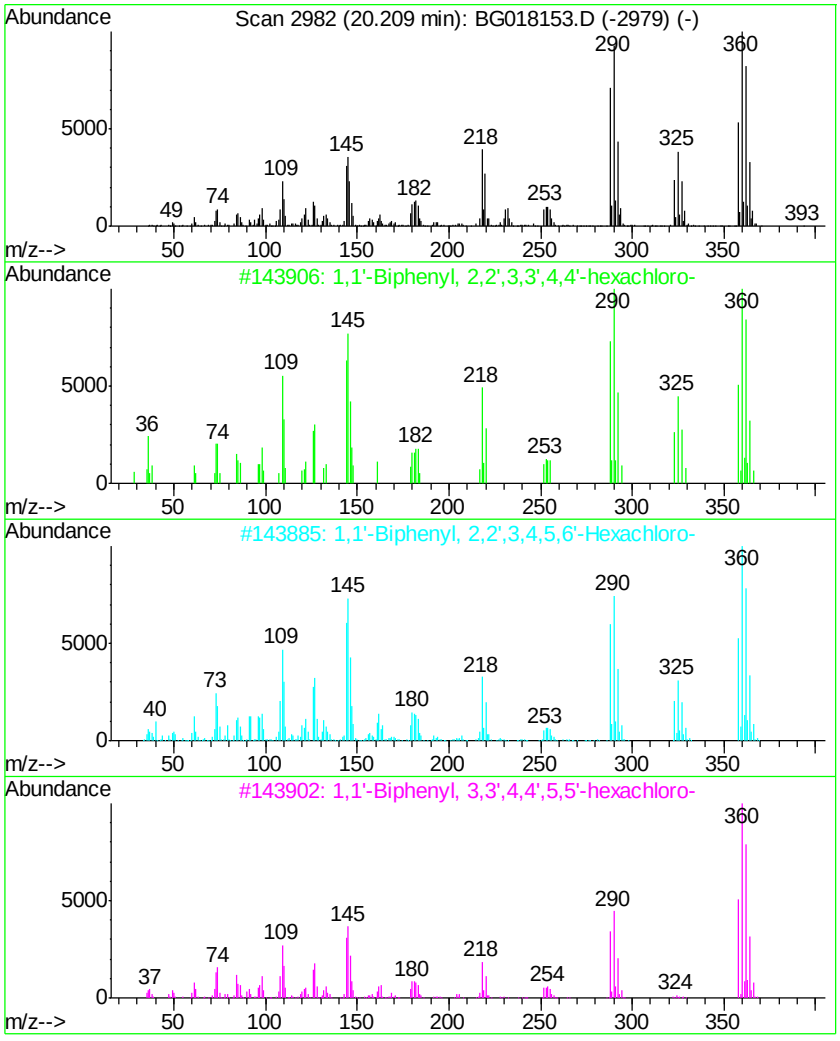
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

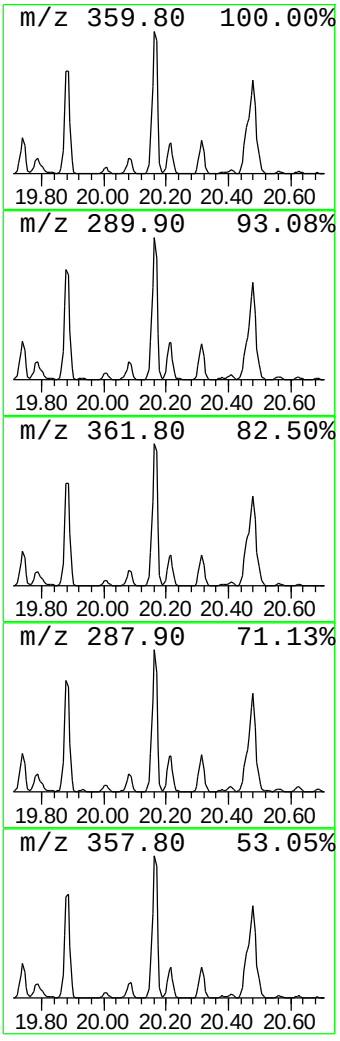
****

Peak Number 37 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	8.20 ng/ul	1124670	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018153.D
Acq On : 28 Jul 2015 19:11
Operator : TP/UM
Sample : G3030-20
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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, 1,2,3-tr...	7.16	15.7	ng/ul	214796	1	7.51	274512	20.0
1,1'-Biphenyl, 2,...	15.45	9.8	ng/ul	302768	3	14.18	616265	20.0
1,1'-Biphenyl, 2,...	16.47	7.3	ng/ul	252810	4	16.94	692024	20.0
Dibenzothiophene	16.75	4.6	ng/ul	157637	4	16.94	692024	20.0
1,1'-Biphenyl, 2'...	16.86	6.4	ng/ul	221329	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	17.12	7.1	ng/ul	245395	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	17.54	11.2	ng/ul	385857	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	17.74	5.4	ng/ul	185596	4	16.94	692024	20.0
Phenanthrene, 2-m...	17.82	10.9	ng/ul	377823	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	18.02	47.7	ng/ul	1649930	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	18.31	15.9	ng/ul	549955	4	16.94	692024	20.0
9,10-Anthracenedione	18.36	7.4	ng/ul	257071	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	18.45	4.5	ng/ul	155696	4	16.94	692024	20.0
Phenanthrene, 3,6...	18.75	5.2	ng/ul	179017	4	16.94	692024	20.0
1,1'-Biphenyl, 3,...	18.80	6.2	ng/ul	212878	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	18.88	57.2	ng/ul	1978960	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	18.96	4.6	ng/ul	160230	4	16.94	692024	20.0
1,1'-Biphenyl, 2,...	19.09	4.2	ng/ul	573534	5	21.15	2742410	20.0
Benzo[b]naphtho[2...	19.56	2.1	ng/ul	293846	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	19.62	15.5	ng/ul	2120530	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	19.74	11.5	ng/ul	1575340	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	19.79	4.8	ng/ul	652685	5	21.15	2742410	20.0
Pyrene, 1-methyl-	19.84	2.2	ng/ul	306935	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	19.93	6.3	ng/ul	869983	5	21.15	2742410	20.0
11H-Benzo[b]fluorene	19.98	3.0	ng/ul	415577	5	21.15	2742410	20.0
11H-Benzo[a]fluorene	20.04	2.5	ng/ul	347484	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	20.08	4.0	ng/ul	544991	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	20.16	26.5	ng/ul	3631630	5	21.15	2742410	20.0
1,1'-Biphenyl, 2,...	20.21	8.2	ng/ul	1124670	5	21.15	2742410	20.0