LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

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-BG080915.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	6.728	658	662	670	rVB3	20260	37642	0.20%	0.018%
2	7.204	735	743	750	rVV2	162624	287490	1.50%	0.137%
3	7.268	750	754	762	rVB3	16249	31701	0.17%	0.015%
4	7.362	764	770	778	rVB	190471	322061	1.68%	0.154%
5	7.574	799	806	814	rVB	165090	290575	1.52%	0.139%
6	7.691	822	826	831	rVB2	33856	55419	0.29%	0.026%
7	7.932	860	867	873	rBV3	26734	55654	0.29%	0.027%
8	8.044	878	886	897	rVV	459491	812093	4.23%	0.388%
9	8.161	900	906	914	rVB4	16065	32797	0.17%	0.016%
10	8.596	974	980	984	rBV6	14149	30615	0.16%	0.015%
11	8.743	1000	1005	1012	rVB2	84742	136749	0.71%	0.065%
12	9.201	1077	1083	1090	rVB	208052	360649	1.88%	0.172%
13	9.924	1198	1206	1212	rBV	174700	322374	1.68%	0.154%
14	10.470	1292	1299	1306	rVB	244210	432856	2.26%	0.207%
15	10.711	1335	1340	1346	rBV2	59900	107256	0.56%	0.051%
16	10.852	1352	1364	1369	rBV	704583	1324427	6.91%	0.633%
17	10.899	1369	1372	1378	rVB	77156	125146	0.65%	0.060%
18	10.976	1378	1385	1392	rBV	67556	131505	0.69%	0.063%
19	11.234	1422	1429	1436	rVB3	40918	72441	0.38%	0.035%
20	12.497	1640	1644	1649	rBV	36132	57885	0.30%	0.028%
21	12.721	1677	1682	1687	rVB	27876	45250	0.24%	0.022%
22	13.279	1770	1777	1781	rBV4	21080	33432	0.17%	0.016%
23	13.496	1810	1814	1819	rVB3	34843	52310	0.27%	0.025%
24	13.837	1866	1872	1878	rBV6	24042	60955	0.32%	0.029%
25	13.990	1894	1898	1904	rBV3	31723	55295	0.29%	0.026%
26	14.066	1904	1911	1916	rVV	485443	737219	3.84%	0.352%
27	14.113	1916	1919	1923	rVV	150547	210906	1.10%	0.101%
28	14.154	1923	1926	1929	rVB4	25421	32791	0.17%	0.016%
29	14.360	1955	1961	1973	rVB	548730	882428	4.60%	0.422%
30	14.566	1991	1996	2001	rBV2	46462	72561	0.38%	0.035%
31	14.671	2004	2014	2020	rBV2	1121767	1820053	9.49%	0.870%
32	14.730	2020	2024	2031	rVB	106218	179169	0.93%	0.086%
33	14.859	2041	2046	2056	rBV2	148697	247351	1.29%	0.118%
34	15.065	2076	2081	2087	rVB	106111	163813	0.85%	0.078%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

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-BG080915.M
Title : SVOA CALIBRATION

35	15.341	2124	2128	2131	rVB6	25277	34871	0.18%	0.017%
36	15.512	2154	2157	2163	rVB	54515	67897	0.35%	0.032%
37	15.658	2176	2182	2187	rBV	669080	983814	5.13%	0.470%
38	15.711	2187	2191	2197	rVB	121868	177308	0.92%	0.085%
39	15.770	2199	2201	2205	rVB4	27376	32884	0.17%	0.016%
40	15.835	2210	2212	2216	rVB5	38933	44290	0.23%	0.021%
41	15.876	2216	2219	2224	rBV7	46611	82787	0.43%	0.040%
42	15.923	2224	2227	2232	rVB6	32149	44850	0.23%	0.021%
43	16.029	2239	2245	2251	rVB2	385230	569157	2.97%	0.272%
44	16.158	2263	2267	2274	rVB	34815	71197	0.37%	0.034%
45	16.375	2300	2304	2307	rBV2	90390	143071	0.75%	0.068%
46	17.063	2418	2421	2427	rVB3	74638	102397	0.53%	0.049%
47	17.168	2436	2439	2442	rVB2	86027	91015	0.47%	0.043%
48	17.227	2445	2449	2454	rVB2	132499	205260	1.07%	0.098%
49	17.415	2475	2481	2484	rBV	1171233	1829026	9.54%	0.874%
50	17.456	2484	2488	2493	rVV	1760772	2565737	13.38%	1.226%
51	17.509	2493	2497	2501	rVV2	581830	908268	4.74%	0.434%
52	17.544	2501	2503	2507	rVB	403199	484545	2.53%	0.232%
53	17.797	2541	2546	2553	rVB3	210877	498378	2.60%	0.238%
54	17.997	2576	2580	2588	rBV3	197213	445392	2.32%	0.213%
55	18.126	2598	2602	2608	rBV3	249988	380989	1.99%	0.182%
56	18.302	2627	2632	2635	rBV2	310172	516780	2.69%	0.247%
57	18.338	2635	2638	2642	rVB	280498	358742	1.87%	0.171%
58	18.420	2649	2652	2656	rVB2	120118	145259	0.76%	0.069%
59	18.485	2657	2663	2668	rVV	7760775	11011874	57.42%	5.263%
60	18.543	2668	2673	2677	rVV	2342600	3141097	16.38%	1.501%
61	18.584	2677	2680	2685	rVB2	682520	862076	4.50%	0.412%
62	18.731	2701	2705	2706	rBV	368694	417028	2.17%	0.199%
63	18.767	2706	2711	2716	rVV	3061767	4457277	23.24%	2.130%
64	18.814	2716	2719	2724	rVB3	314764	460217	2.40%	0.220%
65	18.902	2730	2734	2736	rBV	259176	352917	1.84%	0.169%
66	18.937	2736	2740	2745	rVB	964957	1237469	6.45%	0.591%
67	19.031	2754	2756	2762	rVB4	209928	258193	1.35%	0.123%
68	19.248	2788	2793	2796	rBV	1023053	1383384	7.21%	0.661%
69	19.331	2797	2807	2813	rVB2	9634922	19001315	99.08%	9.081%
70	19.407	2816	2820	2825	rBV	1461897	1893319	9.87%	0.905%
71	19.472	2826	2831	2836	rBV	2822496	4040216	21.07%	1.931%

LSC Area Percent Report

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Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

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-BG080915.M
Title : SVOA CALIBRATION

72	19.530	2836	2841	2848	rBV2	2376120	3934630	20.52%	1.881%
73	19.613	2848	2855	2860	rVB	12017781	19178255	100.00%	9.166%
74	19.671	2860	2865	2870	rBV	4924464	6216128	32.41%	2.971%
75	19.801	2882	2887	2889	rBV3	1502745	2349745	12.25%	1.123%
76	19.836	2889	2893	2895	rVV	2354190	3620537	18.88%	1.730%
77	19.865	2895	2898	2902	rVV	3791620	4651728	24.26%	2.223%
78	19.948	2906	2912	2916	rVV	5217165	7414874	38.66%	3.544%
79	19.995	2916	2920	2923	rVV2	1770455	2391053	12.47%	1.143%
80	20.053	2923	2930	2935	rVB	11440551	17438820	90.93%	8.335%
81	20.171	2946	2950	2952	rBV	1185184	1677352	8.75%	0.802%
82	20.265	2962	2966	2968	rBV3	623730	831630	4.34%	0.397%
83	20.312	2969	2974	2979	rVV4	6375068	9891918	51.58%	4.728%
84	20.365	2979	2983	2989	rVV	9694217	13557112	70.69%	6.479%
85	20.435	2993	2995	3000	rVB	1038990	1157689	6.04%	0.553%
86	20.506	3005	3007	3011	rVB	1199245	1329812	6.93%	0.636%
87	20.588	3016	3021	3026	rBV	5587724	7501576	39.12%	3.585%
88	20.641	3026	3030	3032	rVV	3385104	4396861	22.93%	2.101%
89	20.670	3032	3035	3039	rVV	4196900	5118985	26.69%	2.447%
90	20.735	3043	3046	3052	rVB3	1403258	1837666	9.58%	0.878%
91	20.805	3055	3058	3060	rVV2	578076	732978	3.82%	0.350%
92	20.829	3060	3062	3066	rVV3	847711	1017990	5.31%	0.487%
93	20.911	3067	3076	3083	rVB	7170210	13366035	69.69%	6.388%
94	20.999	3088	3091	3095	rVB3	553344	691683	3.61%	0.331%
95	21.064	3099	3102	3104	rBV2	355675	457762	2.39%	0.219%
96	21.240	3127	3132	3140	rBV2	2257605	3414959	17.81%	1.632%
97	21.534	3178	3182	3186	rVB2	976374	1285817	6.70%	0.615%
98	21.675	3201	3206	3210	rBV3	1408860	3111695	16.23%	1.487%
99	21.886	3239	3242	3248	rVB2	666839	919792	4.80%	0.440%
100	22.127	3279	3283	3287	rBV5	495560	815798	4.25%	0.390%

Sum of corrected areas: 209232044

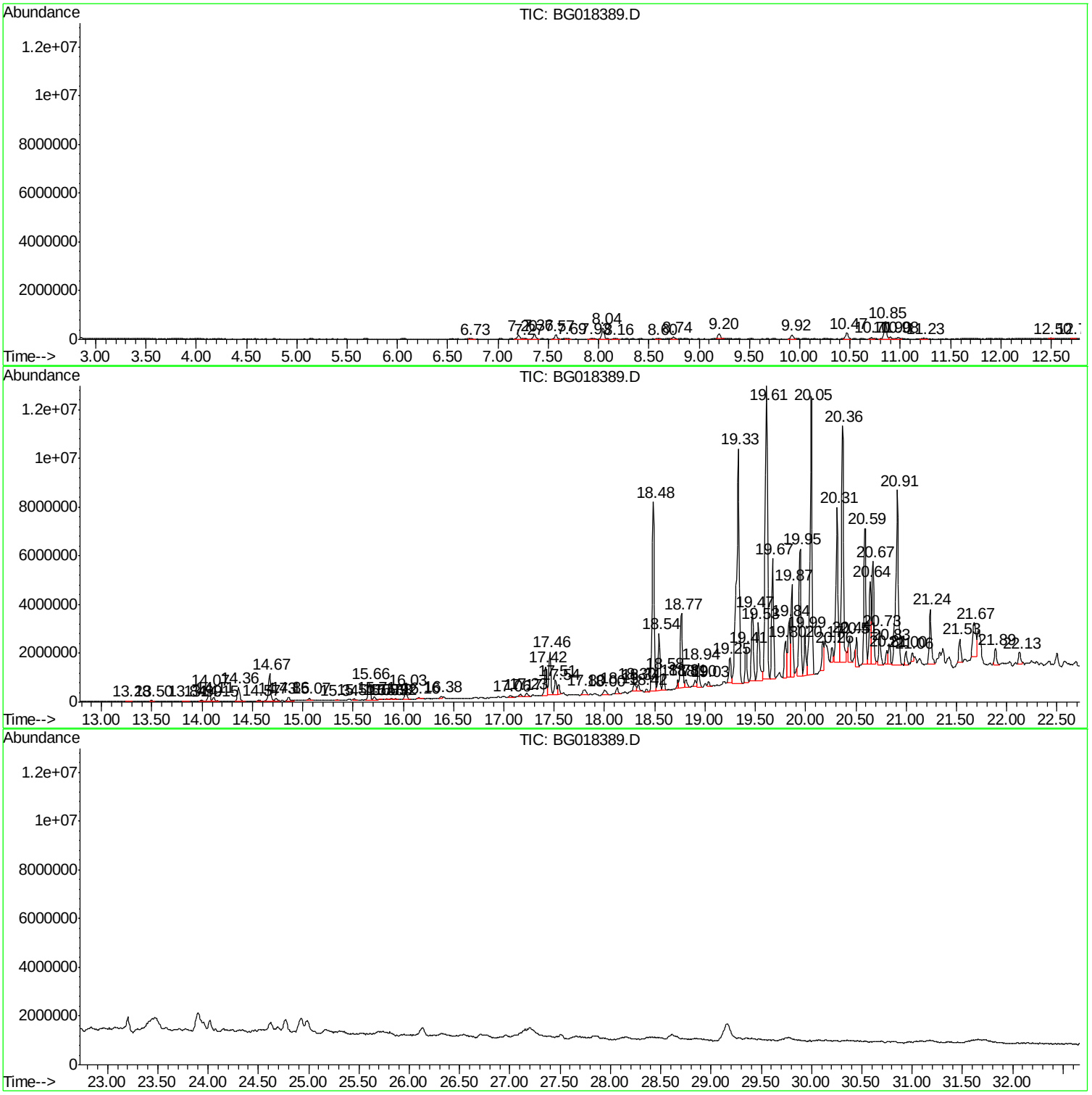
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

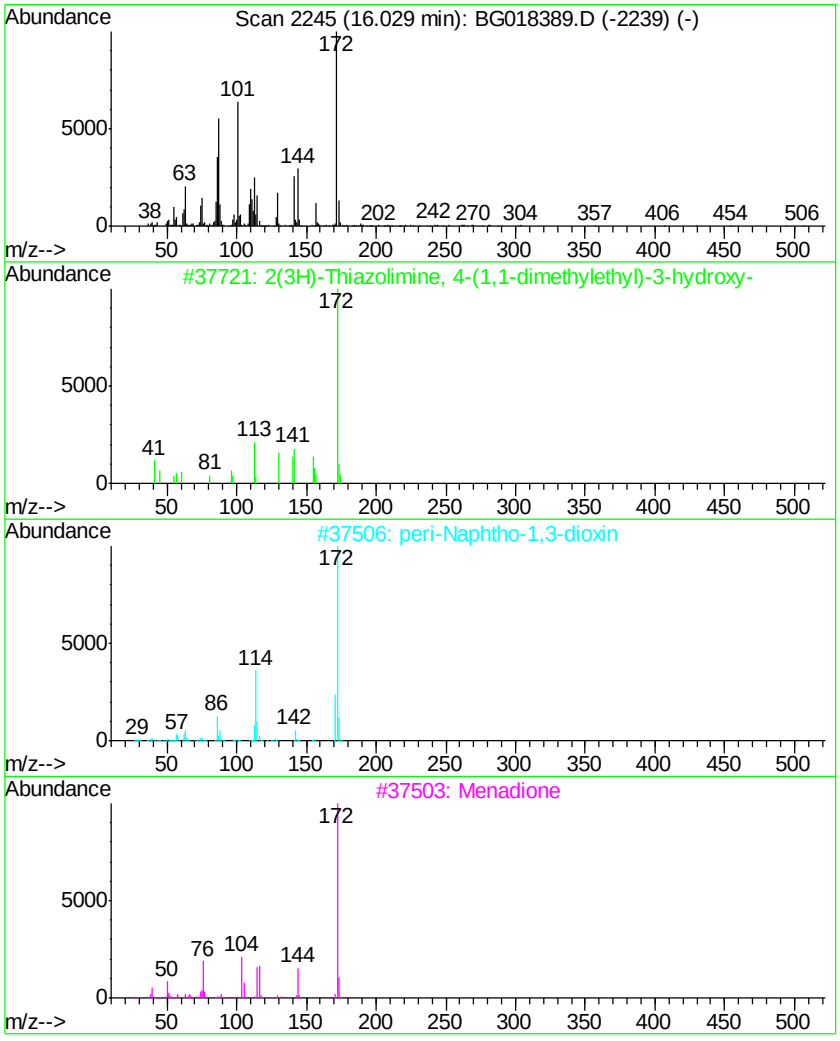
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

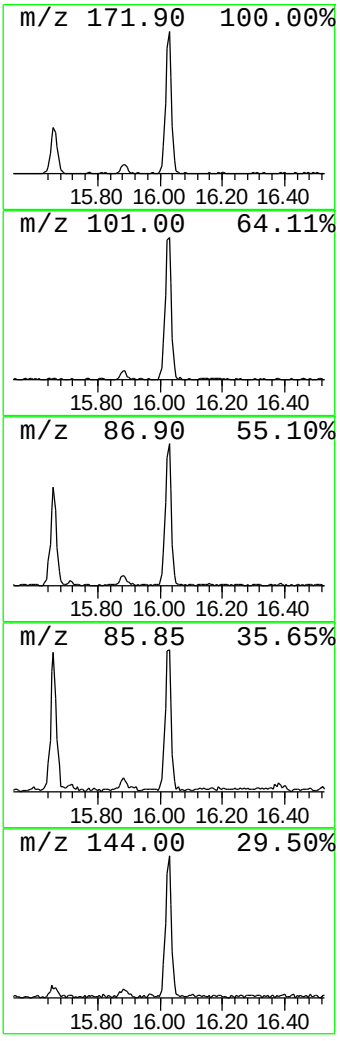
****

Peak Number 1 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	6.25 ng/ul	569157	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Thiazolimine, 4-(1,1-dimet...	172	C7H12N2OS	1000054-65-6	35
2	peri-Naphtho-1,3-dioxin	172	C11H8O2	000204-11-5	27
3	Menadione	172	C11H8O2	000058-27-5	22
4	1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	16
5	Pyrrole-2,5-dione, 1-(2-iodophen...	299	C10H6INO2	216865-38-2	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

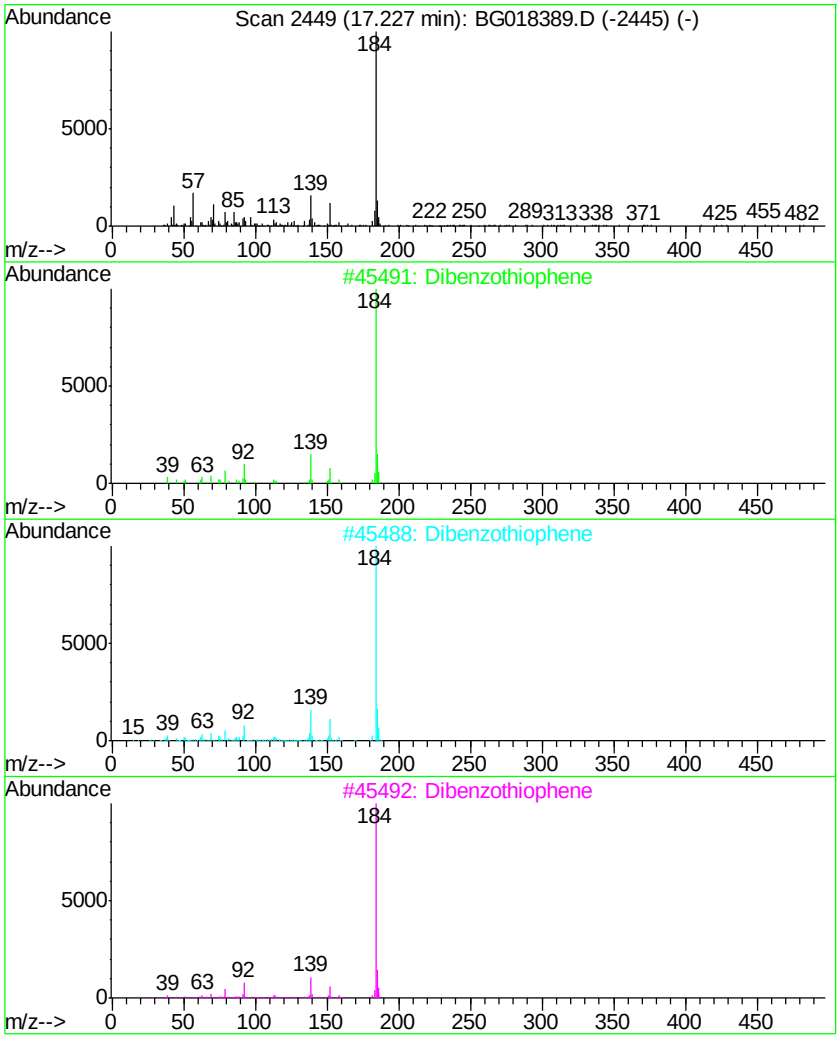
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

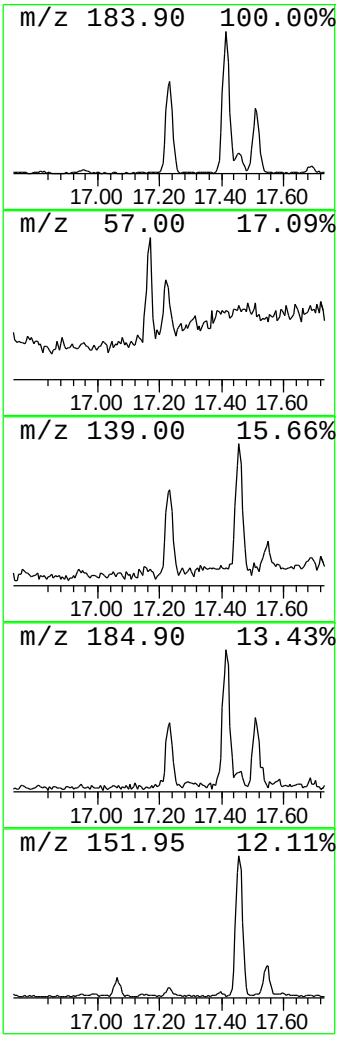
****

Peak Number 2 Dibenzothiophene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.24 ng/ul	205260	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

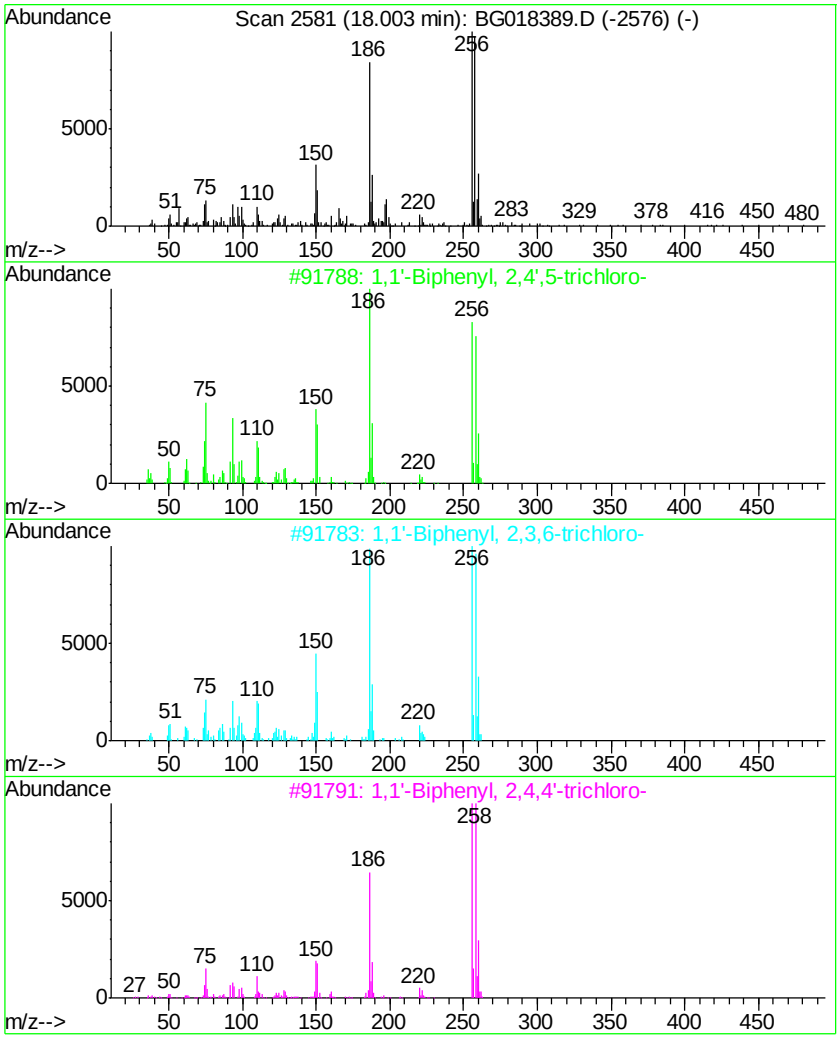
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

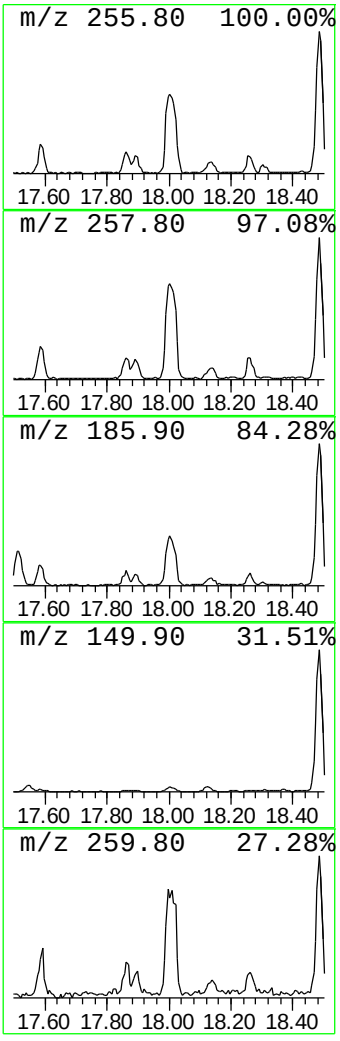
****

Peak Number 3 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.87 ng/ul	445392	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	97
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	94
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

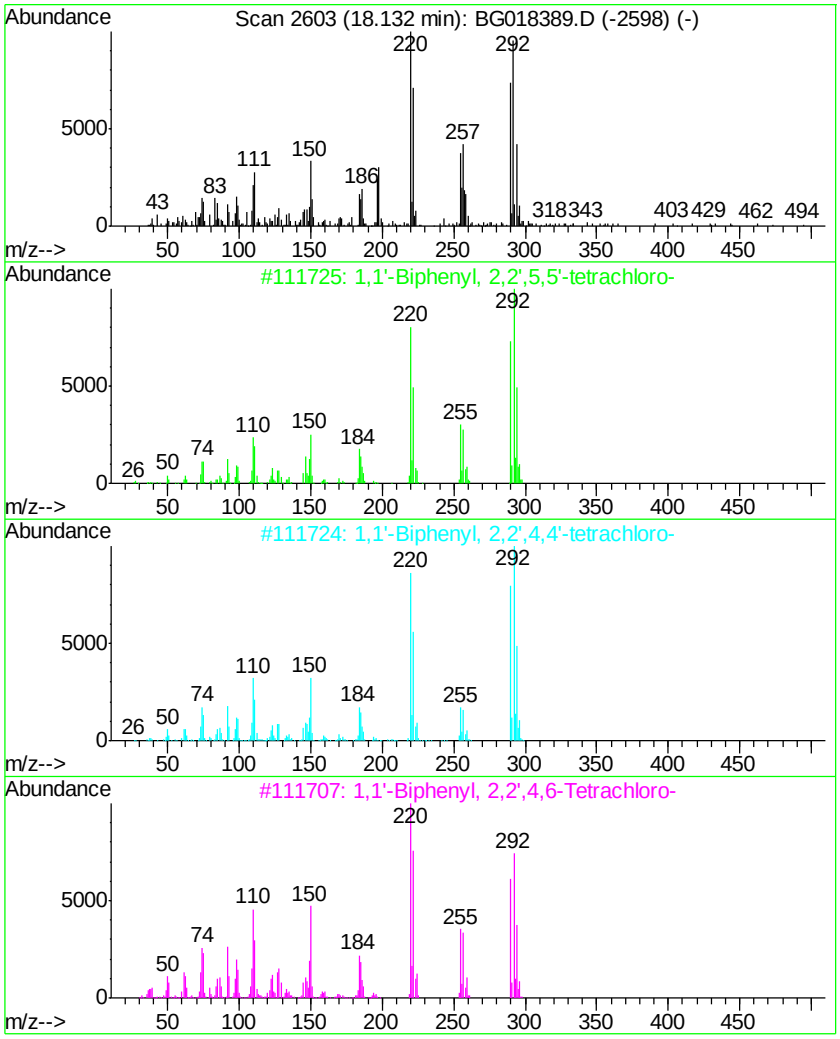
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

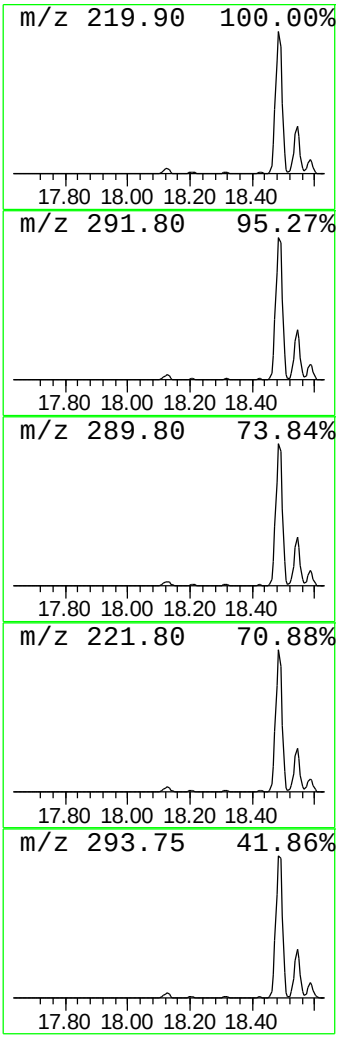
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.17 ng/ul	380989	Phenanthrene-d10	17.42

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',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',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

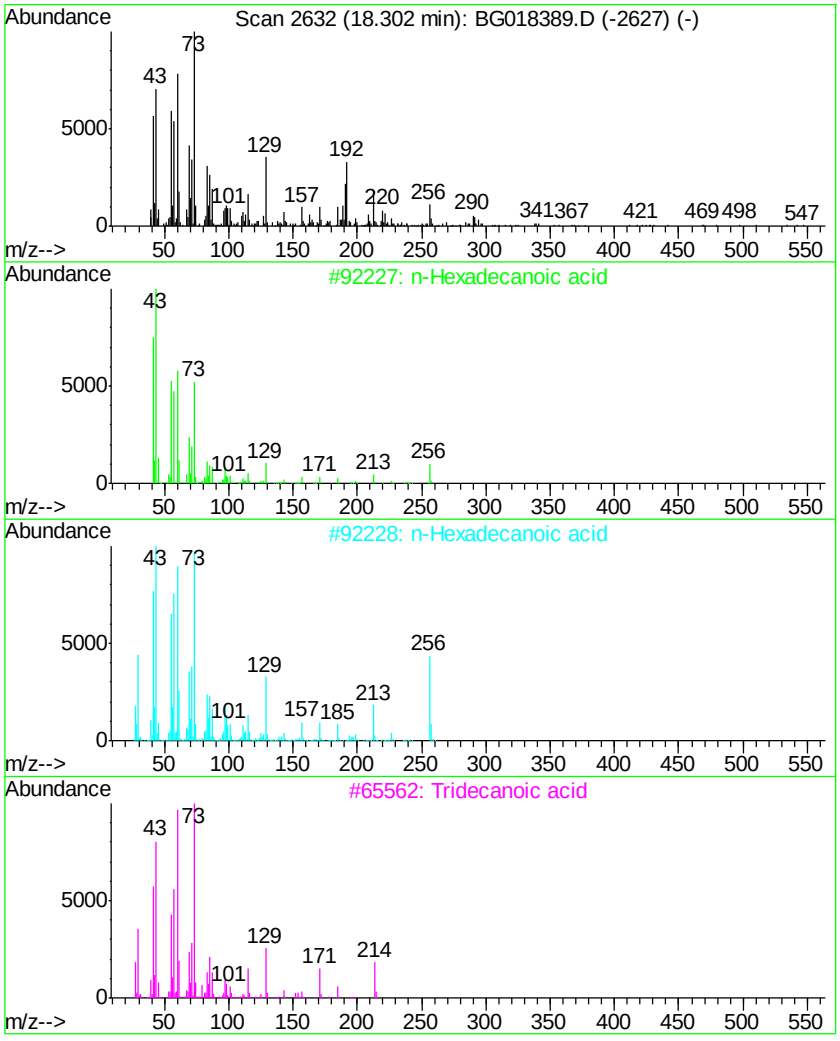
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

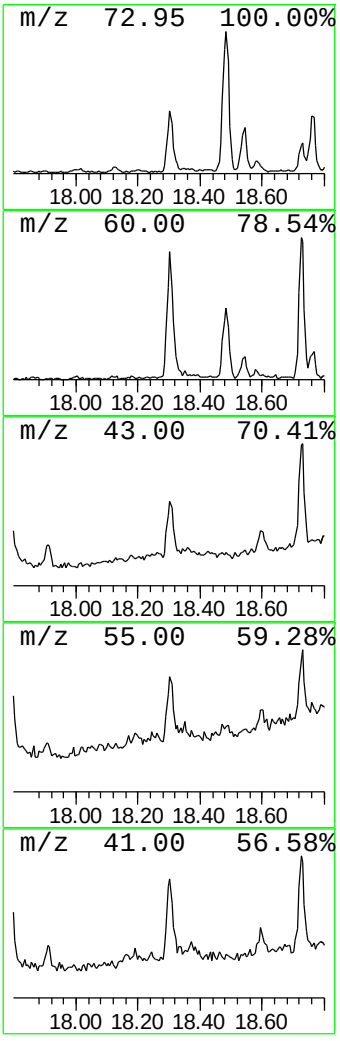
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.65 ng/ul	516780	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

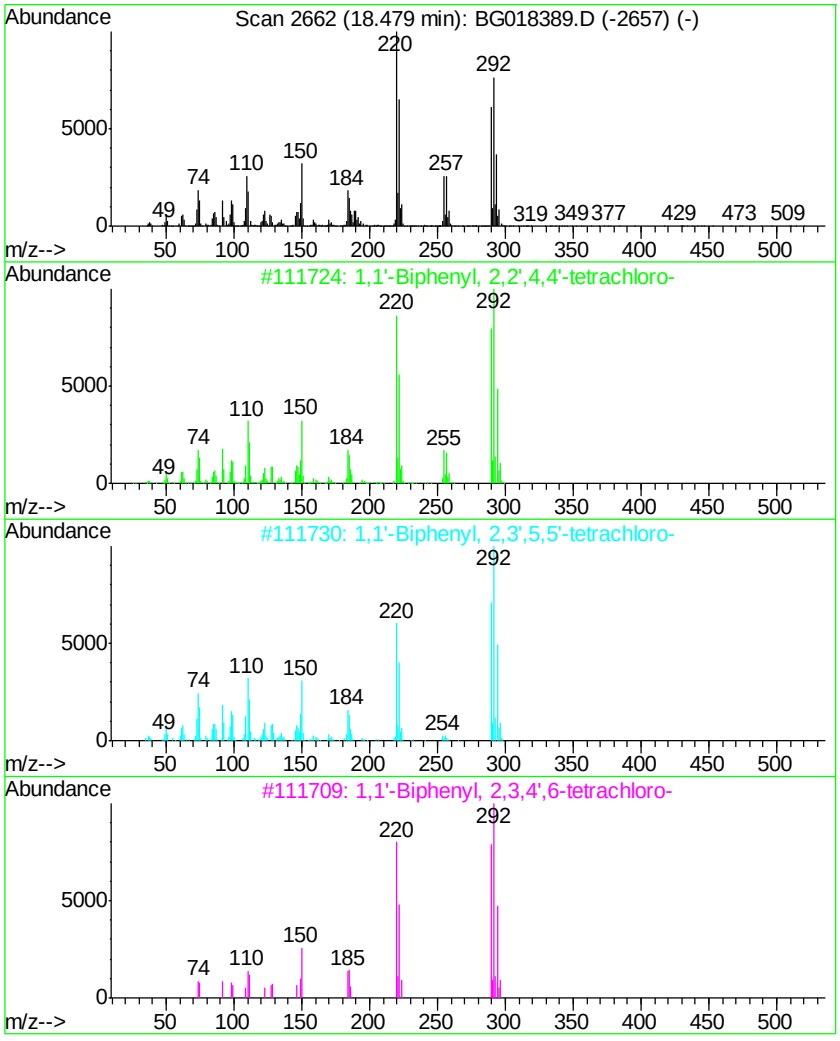
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

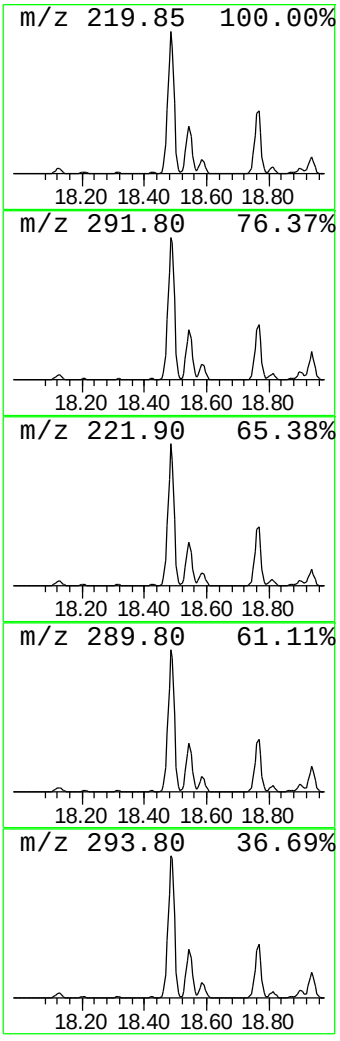
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	120.41 ng/ul	11011900	Phenanthrene-d10	17.42

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	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





Library Search Compound Report

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Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

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Quant Title : SVOA CALIBRATION

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

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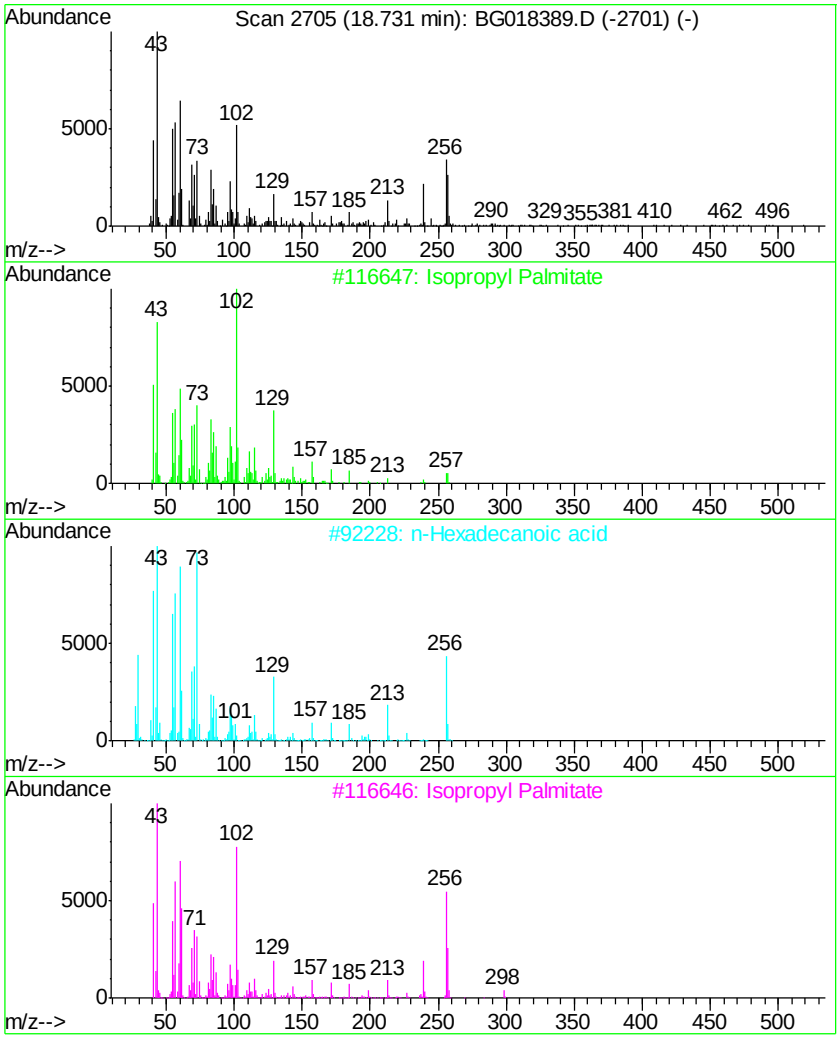
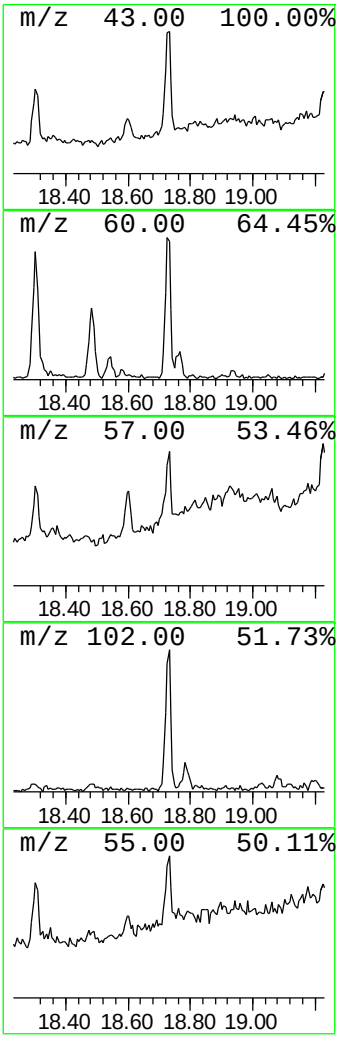
Peak Number 9 Isopropyl Palmitate Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.56 ng/ul	417028	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	72
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
3	Isopropyl Palmitate	298	C19H38O2	000142-91-6	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	47





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Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

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Quant Title : SVOA CALIBRATION

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

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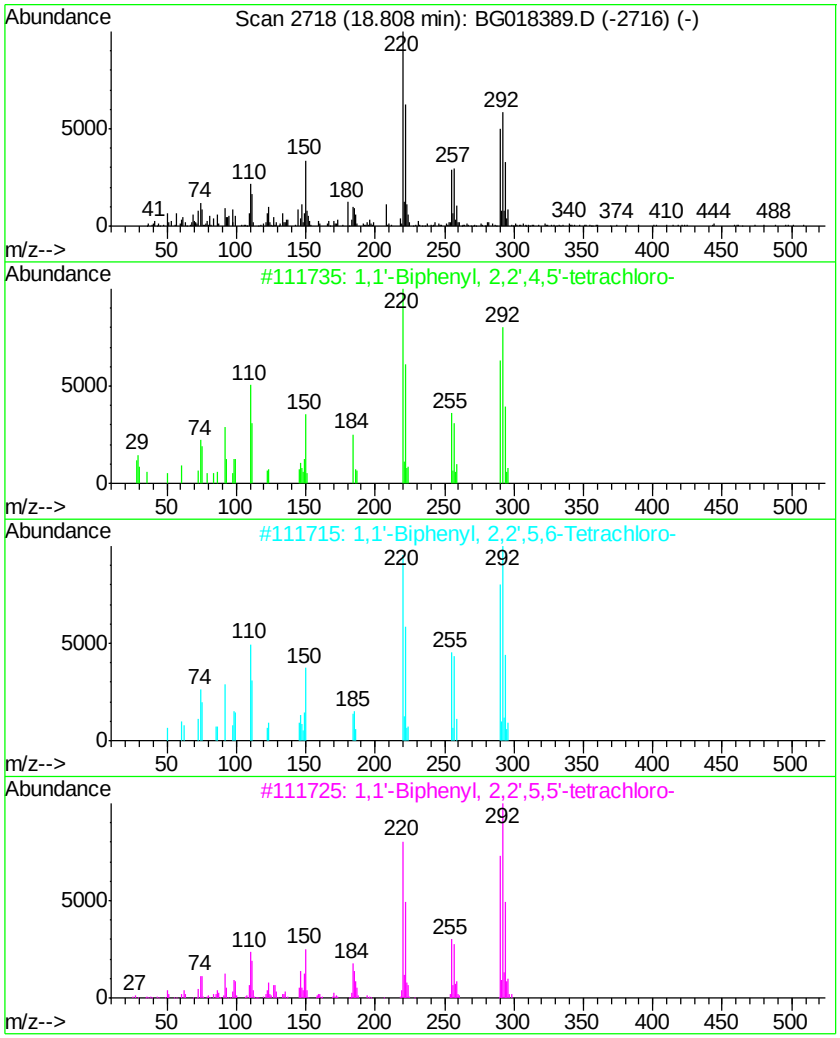
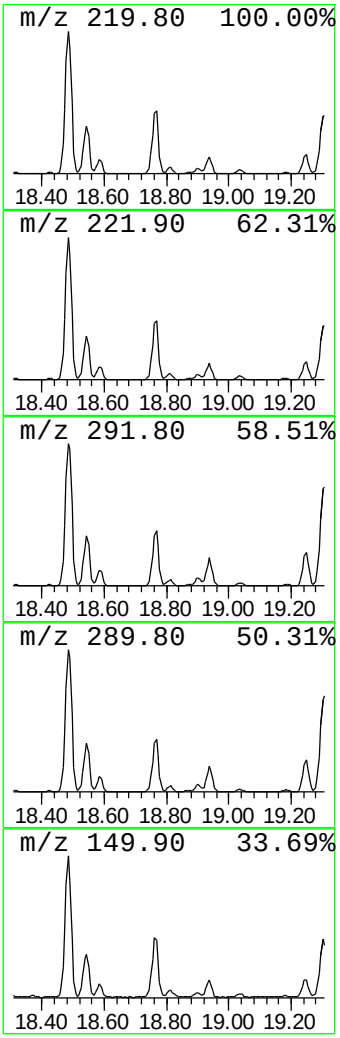
Peak Number 11 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	5.03 ng/ul	460217	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	98
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
4	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	96
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95





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Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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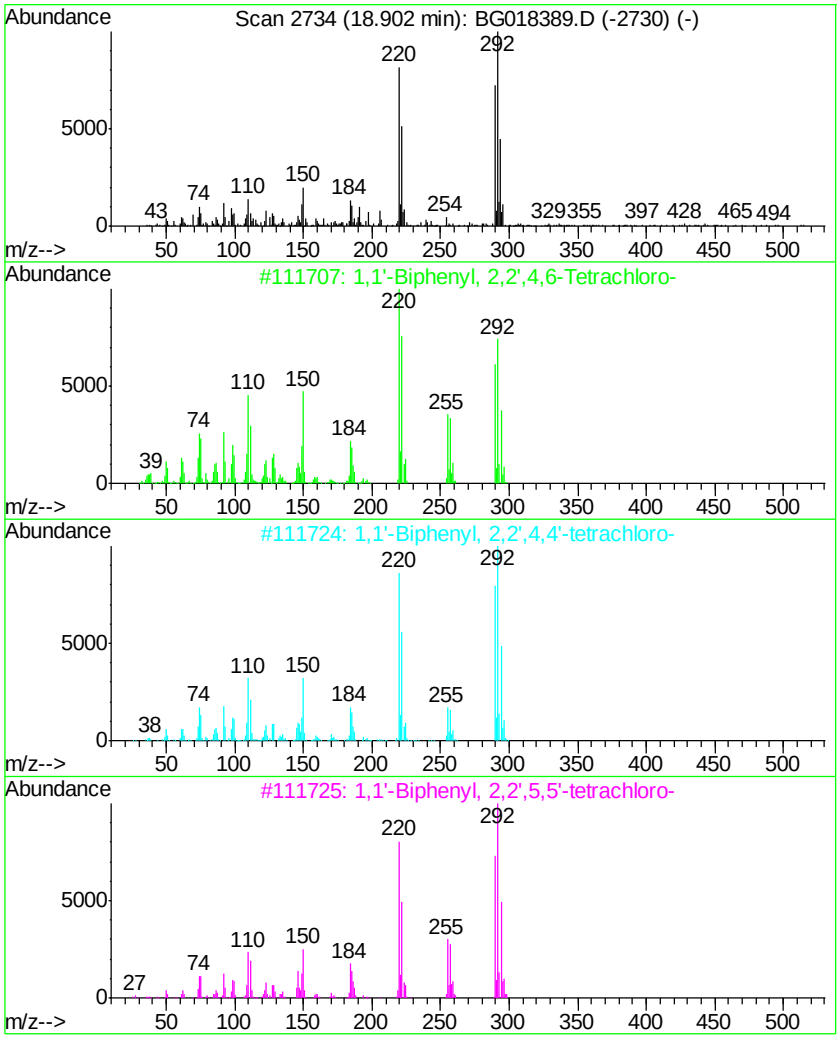
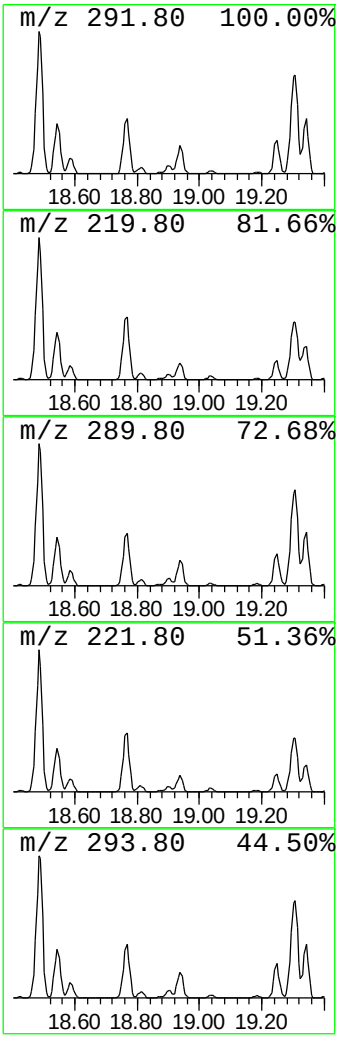
Peak Number 12 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.86 ng/ul	352917	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95





Library Search Compound Report

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Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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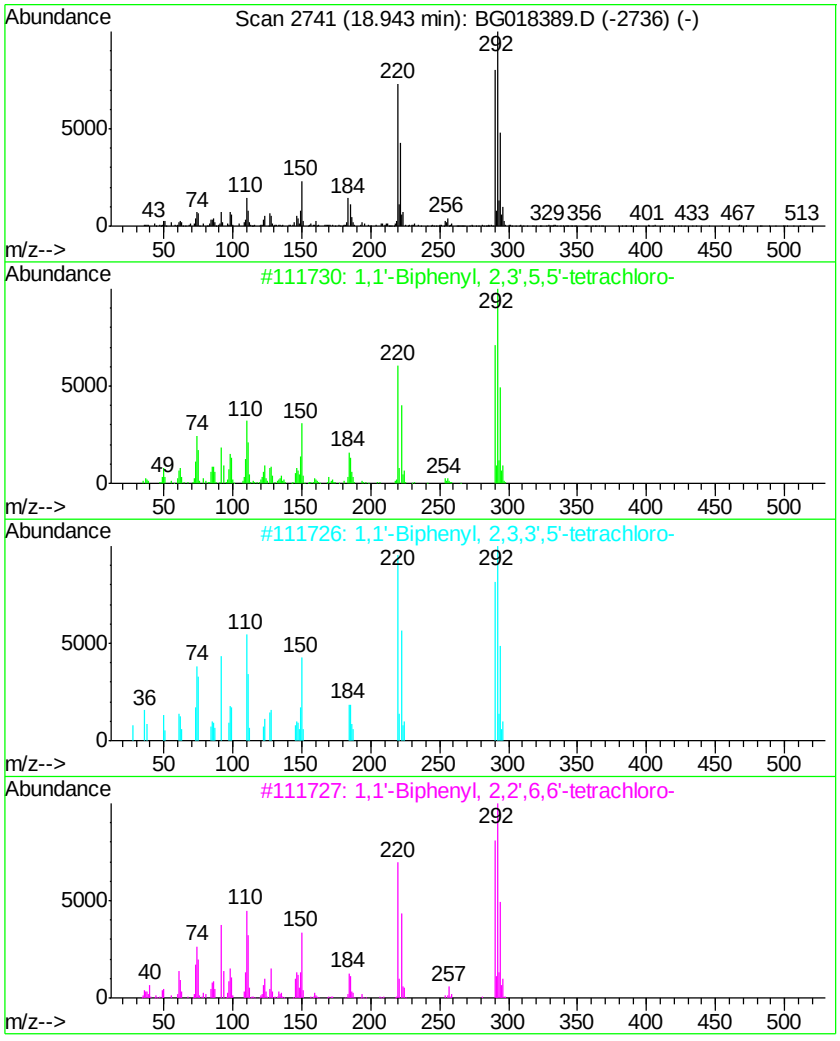
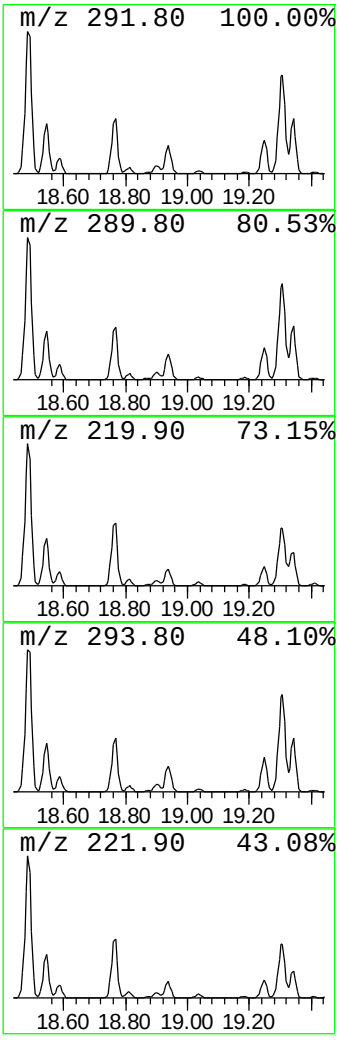
Peak Number 13 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	13.53 ng/ul	1237470	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98





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Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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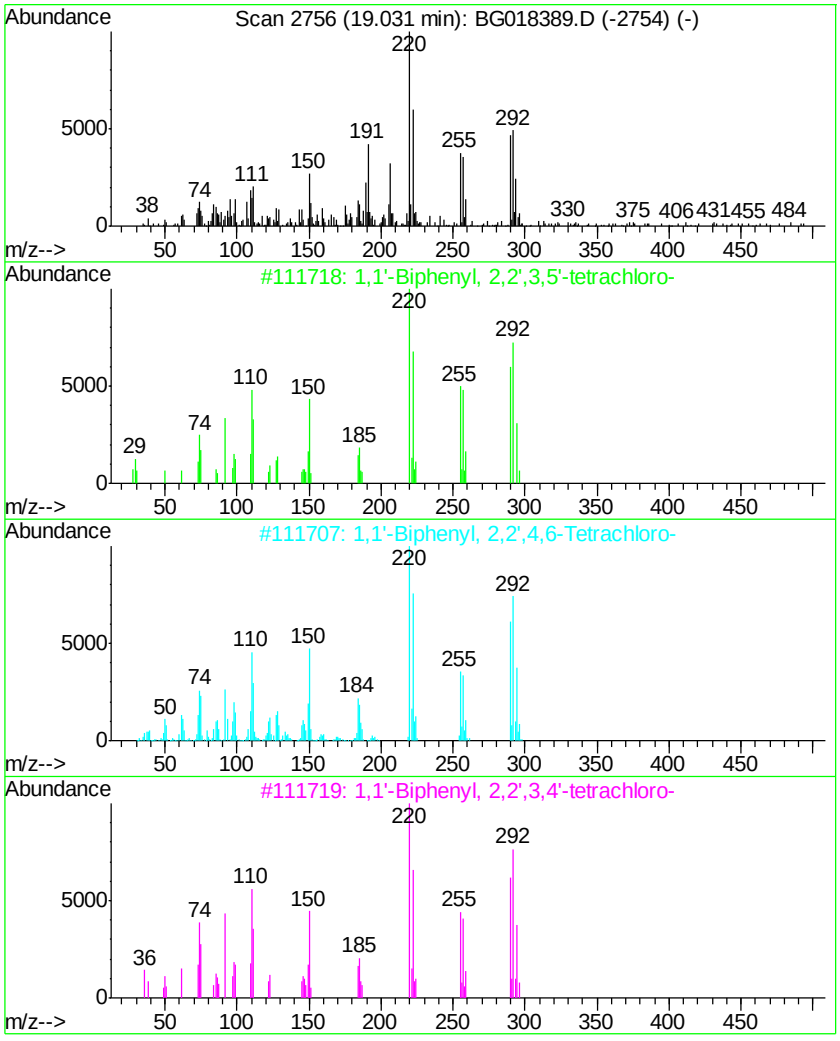
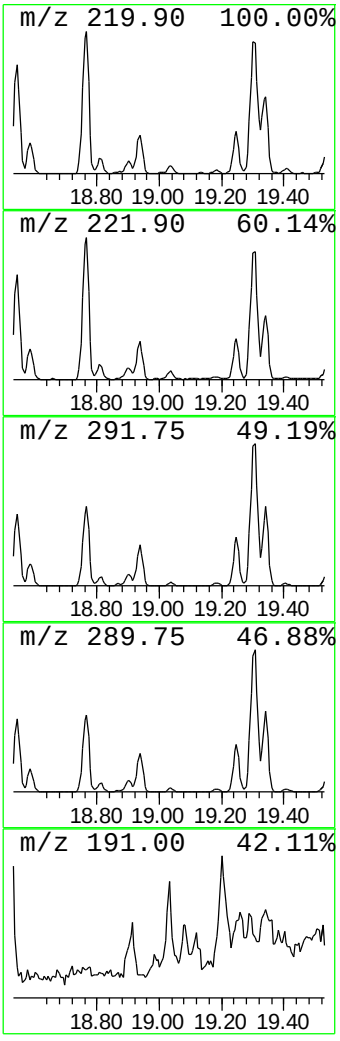
Peak Number 14 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	2.82 ng/ul	258193	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	83
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	78
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	76
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	70
5	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	64





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Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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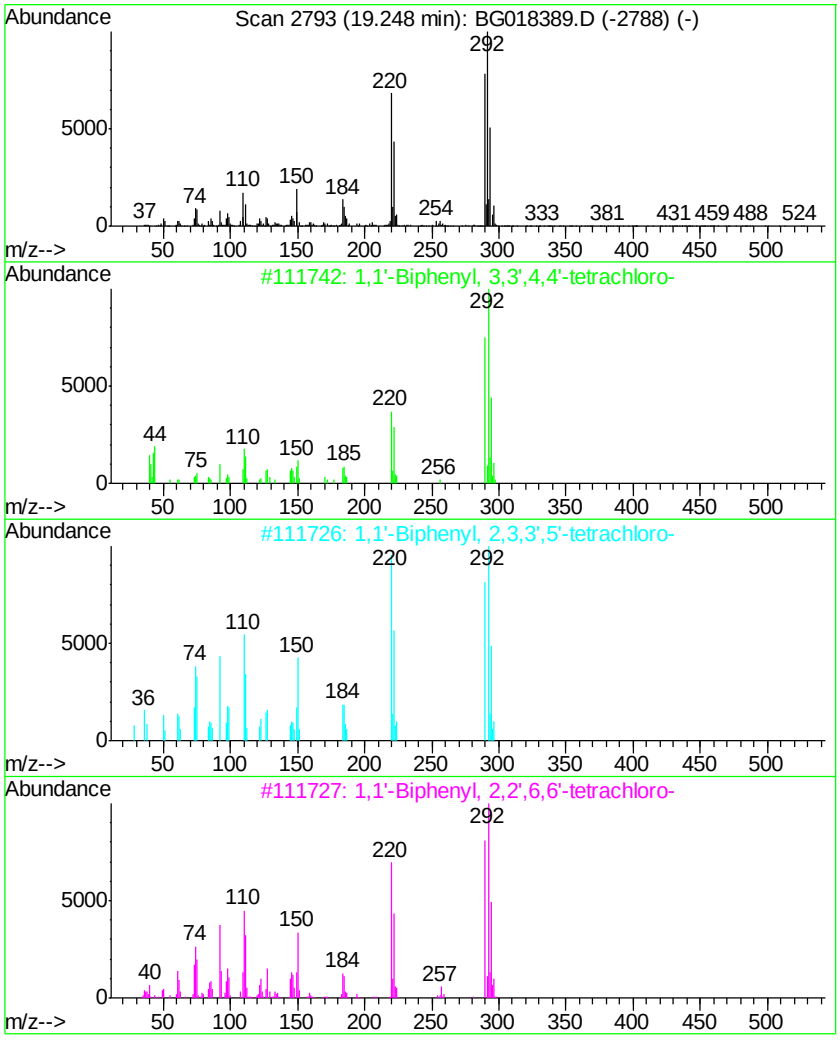
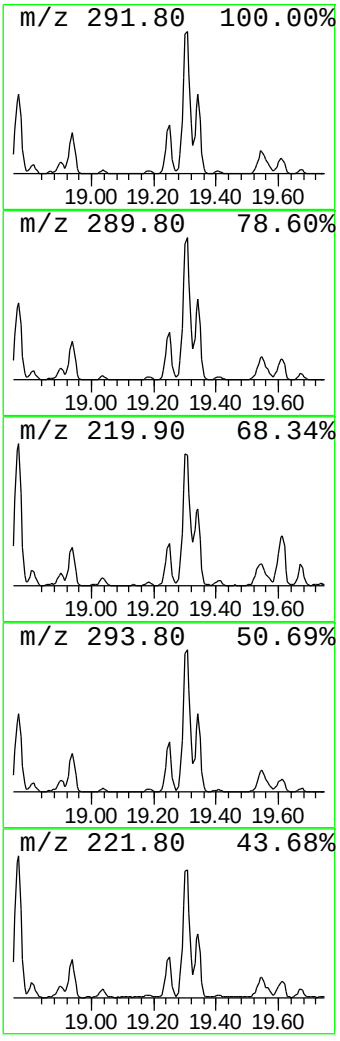
Peak Number 15 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	15.13 ng/ul	1383380	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	97
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96





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Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

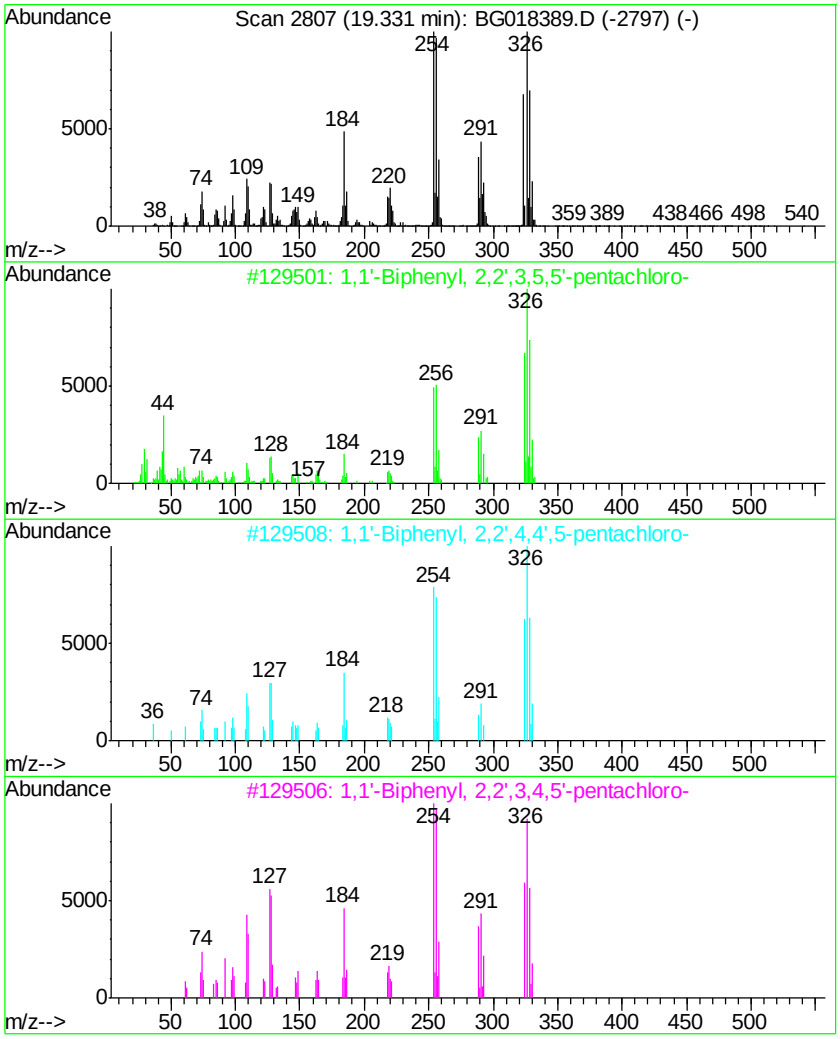
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

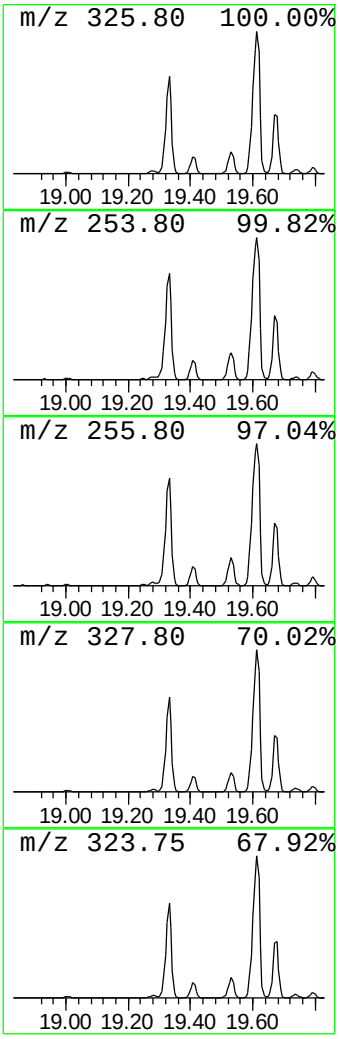
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	207.78 ng/ul	19001300	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	97





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Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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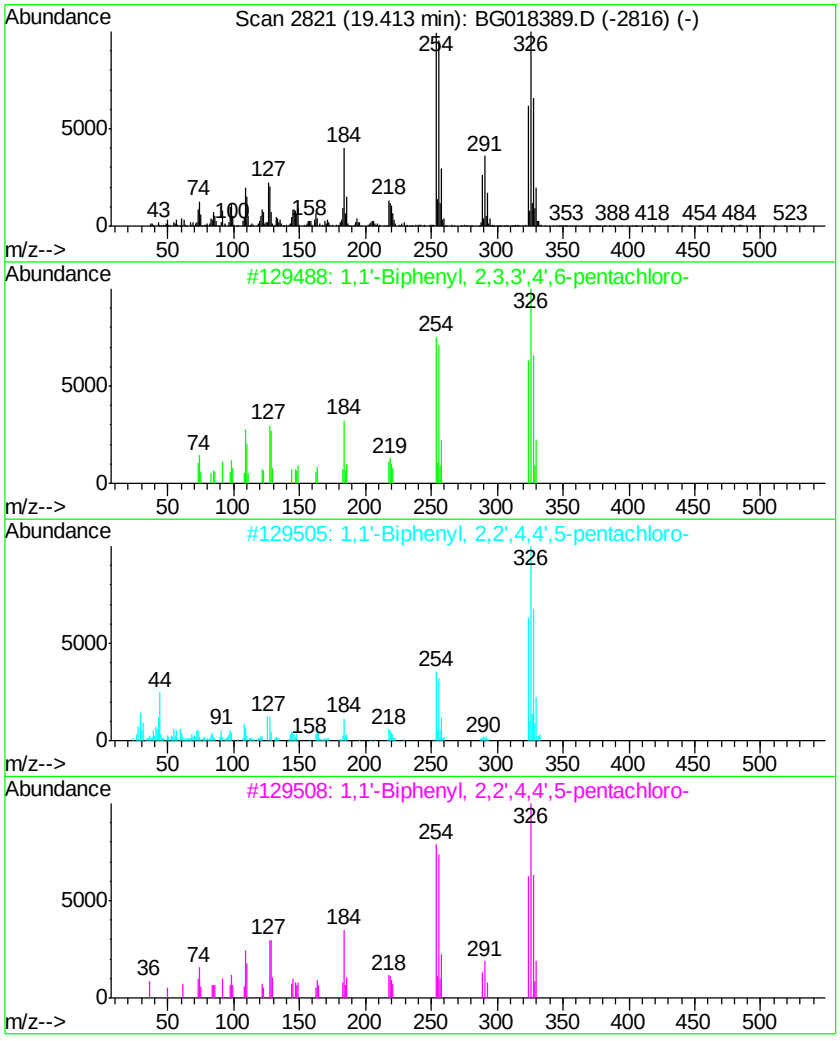
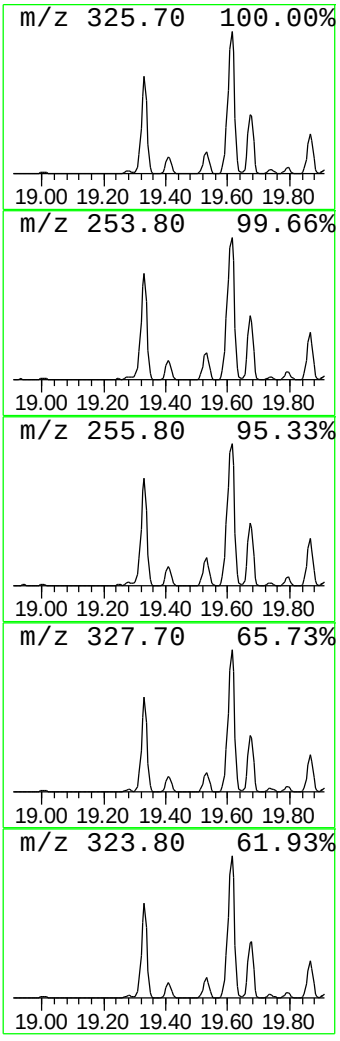
Peak Number 17 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	20.70 ng/ul	1893320	Phenanthrene-d10	17.42

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, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Sample : G3154-10
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Instrument : BNA_G
ClientSampleId : C02L7

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Quant Title : SVOA CALIBRATION

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

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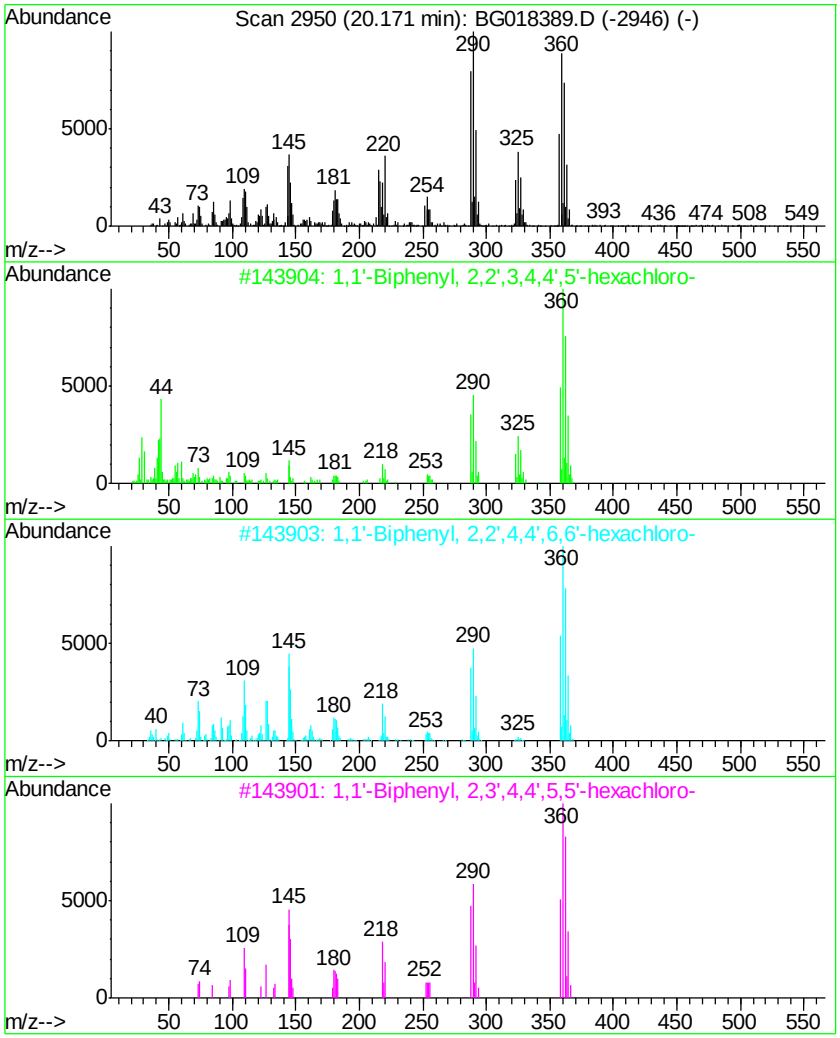
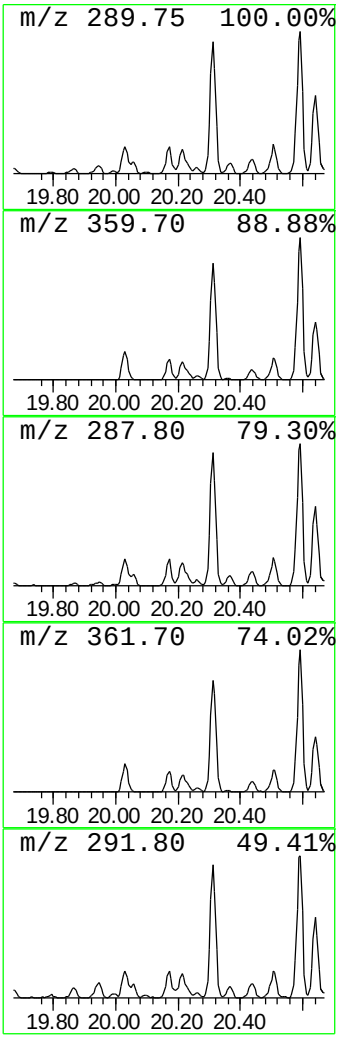
Peak Number 24 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	10.78 ng/ul	1677350	Chrysene-d12	21.69

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	99
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	97
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	97
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96





Library Search Compound Report

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Data File : BG018389.D
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Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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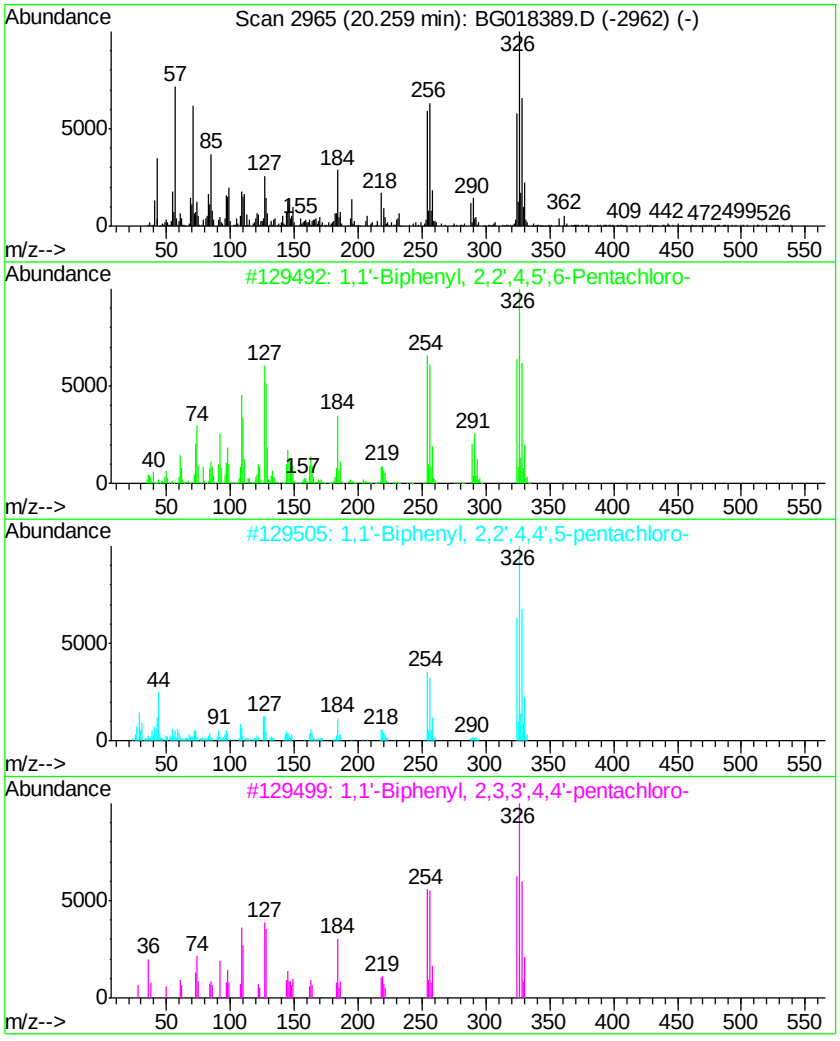
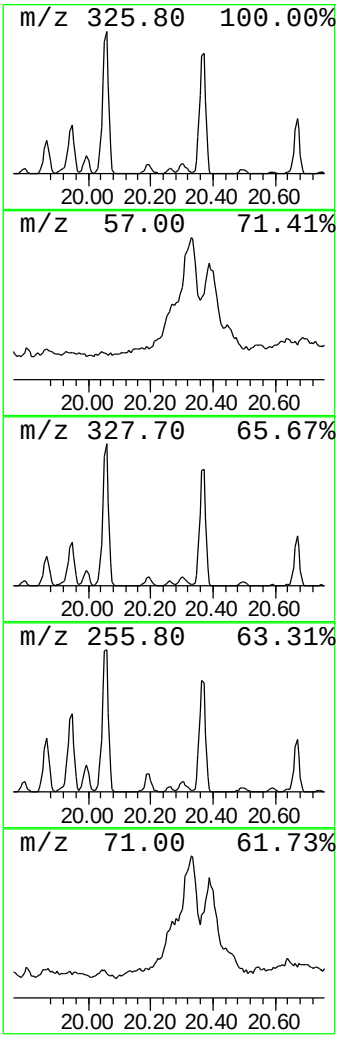
Peak Number 25 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	5.35 ng/ul	831630	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	92
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	92
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	92
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	92
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	92





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

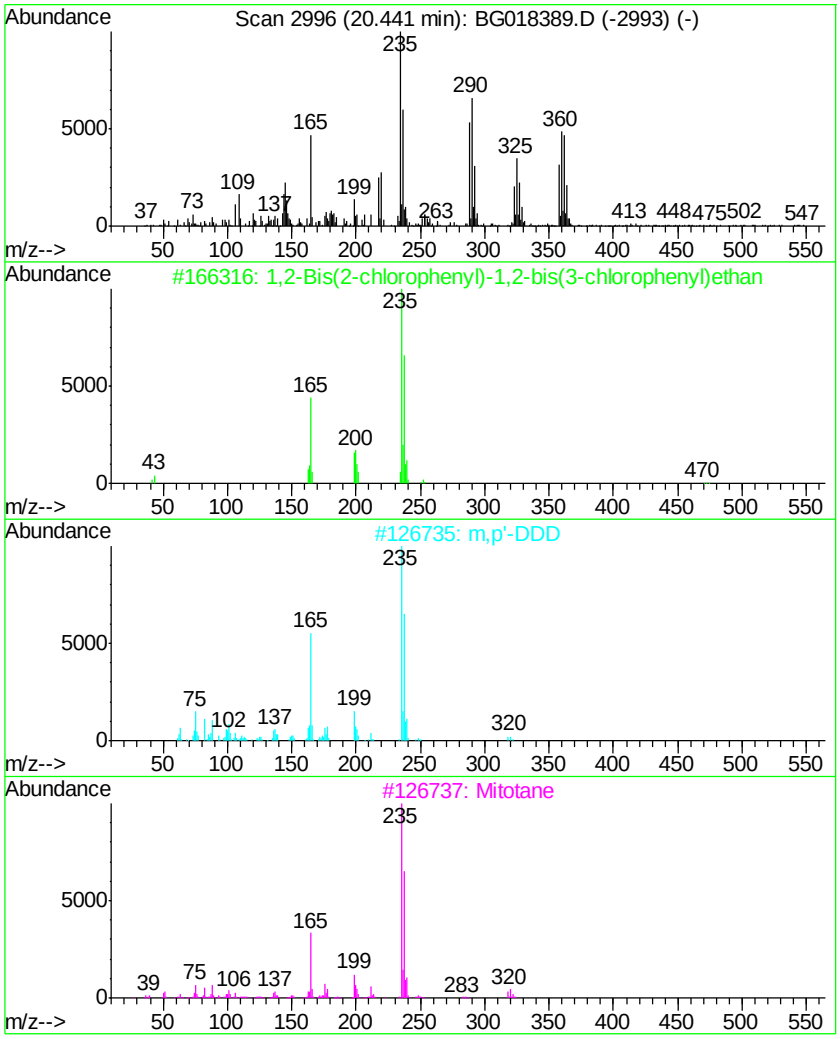
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

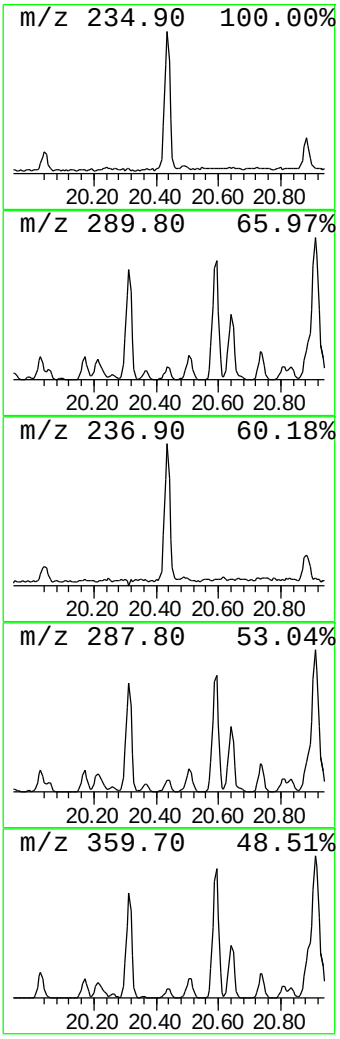
****

Peak Number 28 1,2-Bis(2-chlorophenyl)-1,2... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.44 ng/ul	1157690	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(2-chlorophenyl)-1,2-bis(...	470	C26H18Cl4	1000137-94-8	50
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	41
3	Mitotane	318	C14H10Cl4	000053-19-0	38
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	38
5	m,p'-DDD	318	C14H10Cl4	004329-12-8	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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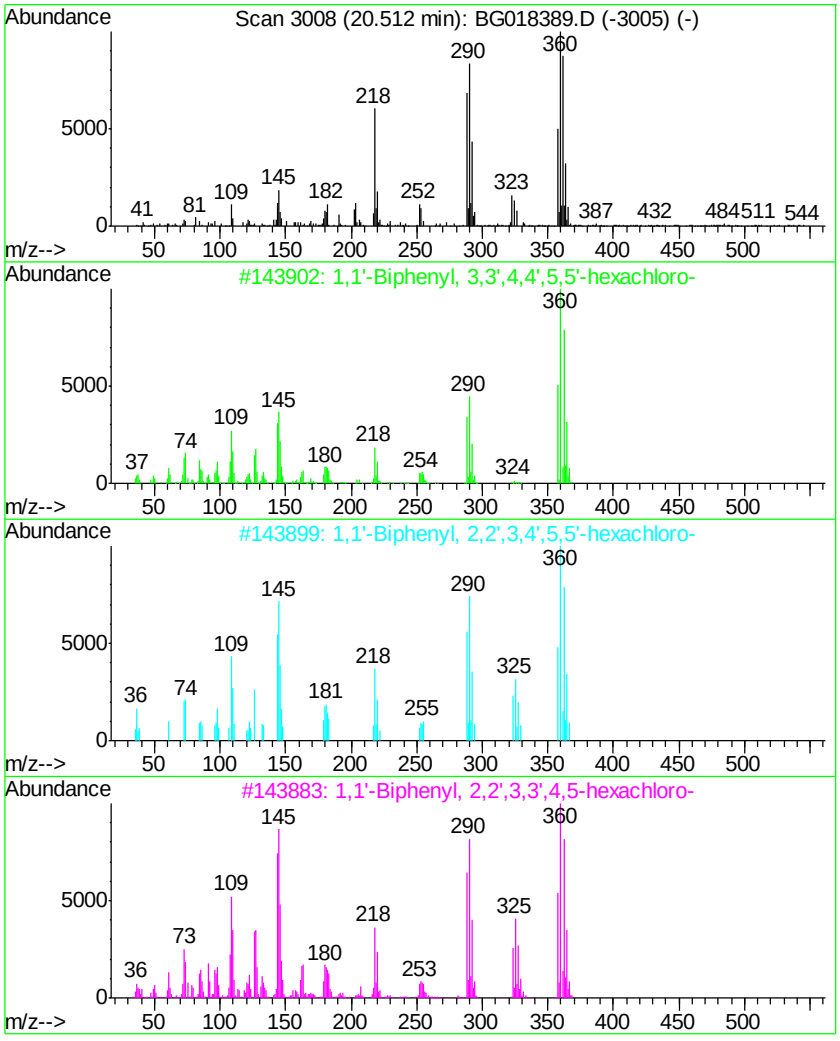
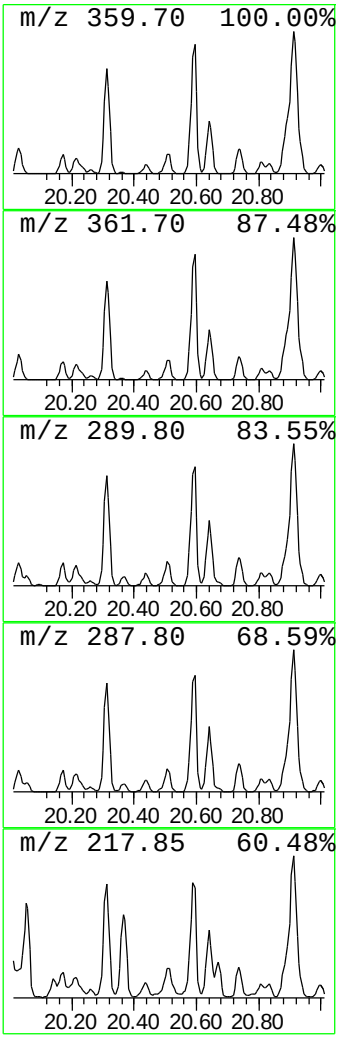
Peak Number 29 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	8.55 ng/ul	1329810	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	96
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	95
3	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	94
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	93
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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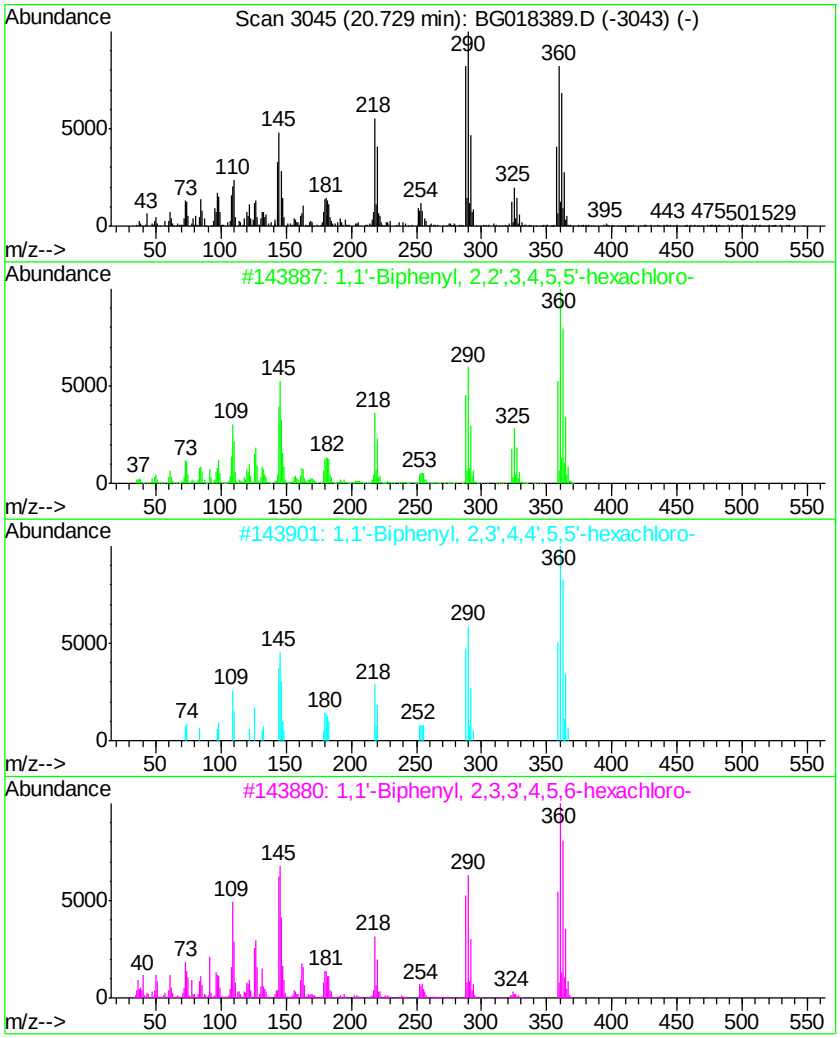
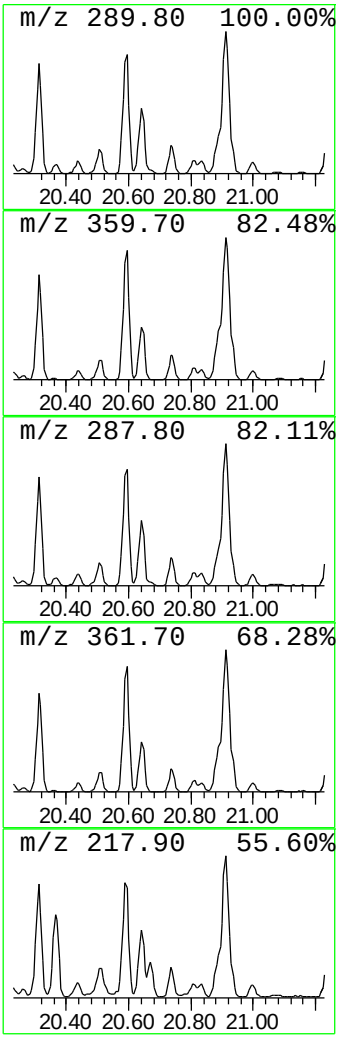
Peak Number 33 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	11.81 ng/ul	1837670	Chrysene-d12	21.69

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',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

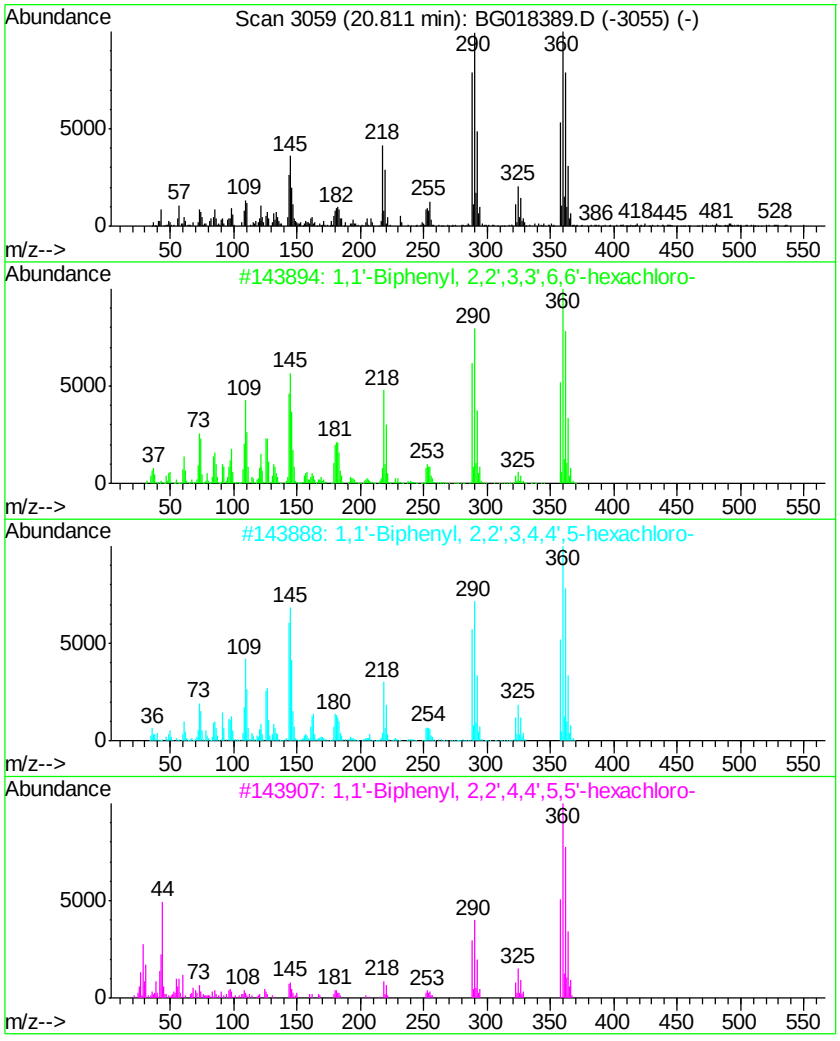
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

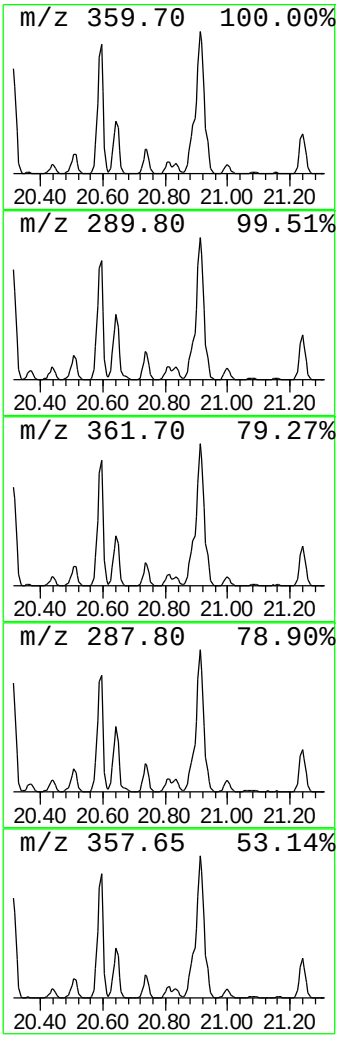
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	4.71 ng/ul	732978	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	94
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	93
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	93
5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	92





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

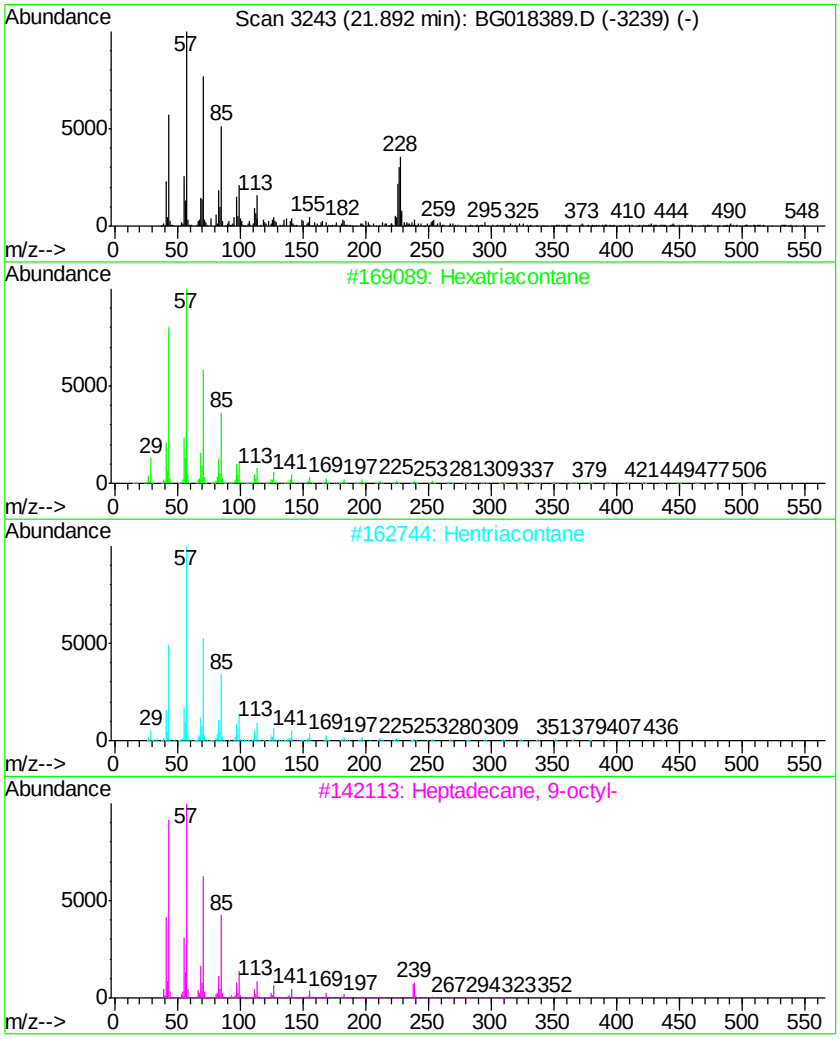
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

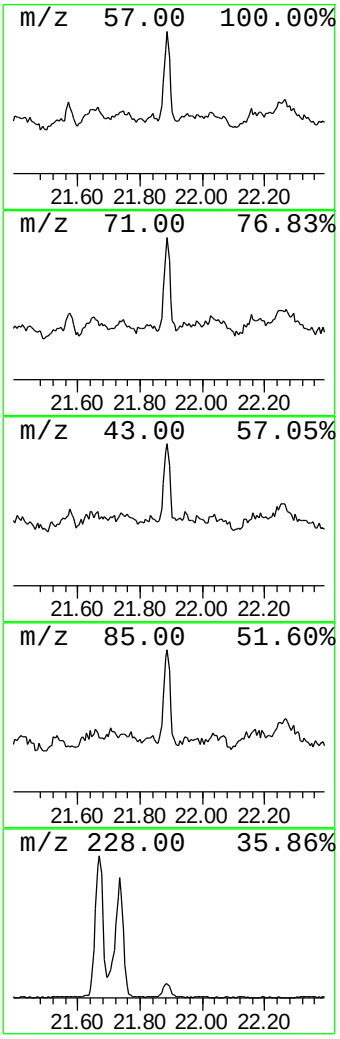
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	5.91 ng/ul	919792	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	81
2	Hentriacontane	437	C31H64	000630-04-6	64
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Octacosane	394	C28H58	000630-02-4	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018389.D
Acq On : 11 Aug 2015 19:58
Operator : UM/MA
Sample : G3154-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02L7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
unknown-01	16.03	6.3	ng/ul	569157	3	14.67	1820050	20.0
Dibenzothiophene	17.23	2.2	ng/ul	205260	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	18.00	4.9	ng/ul	445392	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	18.13	4.2	ng/ul	380989	4	17.42	1829030	20.0
n-Hexadecanoic acid	18.30	5.7	ng/ul	516780	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	18.48	120.4	ng/ul	11011900	4	17.42	1829030	20.0
Isopropyl Palmitate	18.73	4.6	ng/ul	417028	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	18.81	5.0	ng/ul	460217	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	18.90	3.9	ng/ul	352917	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	18.94	13.5	ng/ul	1237470	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	19.03	2.8	ng/ul	258193	4	17.42	1829030	20.0
1,1'-Biphenyl, 3,...	19.25	15.1	ng/ul	1383380	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	19.33	207.8	ng/ul	19001300	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	19.41	20.7	ng/ul	1893320	4	17.42	1829030	20.0
1,1'-Biphenyl, 2,...	20.17	10.8	ng/ul	1677350	5	21.69	3111700	20.0
1,1'-Biphenyl, 2,...	20.26	5.3	ng/ul	831630	5	21.69	3111700	20.0
1,2-Bis(2-chlorop...	20.44	7.4	ng/ul	1157690	5	21.69	3111700	20.0
1,1'-Biphenyl, 3,...	20.51	8.6	ng/ul	1329810	5	21.69	3111700	20.0
1,1'-Biphenyl, 2,...	20.73	11.8	ng/ul	1837670	5	21.69	3111700	20.0
1,1'-Biphenyl, 2,...	20.81	4.7	ng/ul	732978	5	21.69	3111700	20.0
(DEL) Alkane: Str...	21.89	5.9	ng/ul	919792	5	21.69	3111700	20.0