LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.854	26	28	31	rVB4	4472	3913	0.22%	0.032%
2	3.247	90	95	98	rVB5	9703	15912	0.89%	0.130%
3	3.329	106	109	113	rVB4	5134	6639	0.37%	0.054%
4	3.423	120	125	128	rBV	15843	21798	1.22%	0.178%
5	4.187	253	255	258	rVB3	4392	4764	0.27%	0.039%
6	4.640	329	332	334	rBV3	3003	2944	0.17%	0.024%
7	5.045	397	401	403	rBV2	3137	4560	0.26%	0.037%
8	5.433	462	467	468	rBV4	4204	5580	0.31%	0.046%
9	6.573	656	661	664	rBV3	3345	4525	0.25%	0.037%
10	6.643	667	673	679	rBV	28283	50477	2.83%	0.412%
11	6.773	691	695	700	rVB2	19500	27031	1.52%	0.221%
12	6.966	723	728	735	rVB	28582	50280	2.82%	0.410%
13	7.431	799	807	814	rBV	114836	182418	10.24%	1.489%
14	7.654	843	845	850	rBV	2574	3714	0.21%	0.030%
15	8.065	913	915	919	rVB3	2739	3181	0.18%	0.026%
16	8.171	928	933	940	rBV2	26225	42799	2.40%	0.349%
17	8.253	942	947	949	rVB4	3440	4407	0.25%	0.036%
18	8.523	990	993	998	rVB2	2462	4272	0.24%	0.035%
19	8.582	998	1003	1010	rBV2	28592	51851	2.91%	0.423%
20	8.841	1041	1047	1048	rBV	2805	4403	0.25%	0.036%
21	9.005	1070	1075	1076	rBV2	3084	3861	0.22%	0.032%
22	9.305	1121	1126	1132	rVB4	30017	44708	2.51%	0.365%
23	9.857	1215	1220	1226	rVB2	41889	65061	3.65%	0.531%
24	10.210	1273	1280	1286	rBV	164975	267821	15.03%	2.187%
25	10.263	1286	1289	1294	rVB3	8241	10329	0.58%	0.084%
26	10.374	1303	1308	1311	rBV3	4842	5455	0.31%	0.045%
27	10.633	1349	1352	1355	rBV2	2298	2925	0.16%	0.024%
28	10.862	1390	1391	1399	rVB2	2389	4402	0.25%	0.036%
29	11.073	1426	1427	1430	rVB2	3774	3054	0.17%	0.025%
30	11.097	1430	1431	1434	rBV2	3318	3029	0.17%	0.025%
31	11.420	1483	1486	1488	rBV	2991	3189	0.18%	0.026%
32	11.620	1518	1520	1524	rVB3	3661	2903	0.16%	0.024%
33	11.767	1543	1545	1549	rVB2	2083	2963	0.17%	0.024%
34	11.896	1562	1567	1573	rBV	8159	14333	0.80%	0.117%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

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

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

35	11.961	1573	1578	1581	rVB2	1994	3297	0.19%	0.027%
36	12.037	1589	1591	1595	rVB2	2703	3503	0.20%	0.029%
37	12.113	1600	1604	1610	rVB3	7617	12198	0.68%	0.100%
38	12.713	1701	1706	1708	rVB4	2811	4076	0.23%	0.033%
39	12.930	1740	1743	1748	rVB3	6711	10340	0.58%	0.084%
40	13.130	1774	1777	1778	rBV	3834	4185	0.23%	0.034%
41	13.271	1798	1801	1802	rBV2	4084	4043	0.23%	0.033%
42	13.429	1823	1828	1829	rBV4	8725	13800	0.77%	0.113%
43	13.482	1834	1837	1841	rVV3	5479	10801	0.61%	0.088%
44	13.529	1841	1845	1849	rVV2	82180	113379	6.36%	0.926%
45	13.576	1849	1853	1859	rVV2	28626	45826	2.57%	0.374%
46	13.664	1863	1868	1871	rBV4	5932	10569	0.59%	0.086%
47	13.800	1886	1891	1896	rBV	80783	118016	6.62%	0.963%
48	14.029	1929	1930	1934	rVB3	5839	4615	0.26%	0.038%
49	14.076	1934	1938	1939	rBV4	5246	5955	0.33%	0.049%
50	14.117	1939	1945	1951	rVV2	260847	405150	22.74%	3.308%
51	14.176	1951	1955	1962	rVB	41565	61844	3.47%	0.505%
52	14.381	1987	1990	1994	rBV4	17344	23999	1.35%	0.196%
53	14.463	2002	2004	2005	rBV2	6565	4353	0.24%	0.036%
54	14.516	2008	2013	2022	rVB2	25947	49517	2.78%	0.404%
55	14.599	2022	2027	2031	rBV5	8023	13249	0.74%	0.108%
56	14.710	2044	2046	2048	rBV2	2522	2928	0.16%	0.024%
57	14.746	2050	2052	2054	rVV3	7545	7343	0.41%	0.060%
58	14.793	2058	2060	2064	rVB5	8514	9216	0.52%	0.075%
59	14.892	2075	2077	2078	rBV2	4524	3035	0.17%	0.025%
60	14.986	2091	2093	2098	rVB5	8510	8600	0.48%	0.070%
61	15.116	2110	2115	2121	rBV	108707	148542	8.34%	1.213%
62	15.169	2121	2124	2131	rVB	45013	63751	3.58%	0.520%
63	15.268	2137	2141	2144	rBV4	28973	38960	2.19%	0.318%
64	15.333	2150	2152	2157	rVB6	12131	15356	0.86%	0.125%
65	15.386	2159	2161	2164	rBV4	8265	11518	0.65%	0.094%
66	15.474	2173	2176	2179	rVB3	13591	16033	0.90%	0.131%
67	15.621	2197	2201	2207	rVB4	16624	28693	1.61%	0.234%
68	15.850	2237	2240	2249	rVB10	18929	44856	2.52%	0.366%
69	16.532	2353	2356	2362	rVB2	22615	32171	1.81%	0.263%
70	16.690	2380	2383	2389	rVB2	42425	58314	3.27%	0.476%
71	16.878	2409	2415	2418	rBV	323435	469113	26.33%	3.830%

LSC Area Percent Report

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Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

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

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

72	16.919	2418	2422	2427	rVV	809078	1080583	60.66%	8.822%
73	16.972	2427	2431	2434	rVV	108658	152467	8.56%	1.245%
74	17.008	2434	2437	2442	rVB	174246	225396	12.65%	1.840%
75	17.290	2482	2485	2489	rBV	38270	45782	2.57%	0.374%
76	17.801	2569	2572	2578	rVB2	152672	203511	11.42%	1.661%
77	17.860	2578	2582	2585	rBV	154288	208101	11.68%	1.699%
78	17.948	2592	2597	2601	rBV2	258743	394713	22.16%	3.222%
79	18.241	2644	2647	2648	rBV2	53894	59264	3.33%	0.484%
80	18.788	2737	2740	2741	rBV3	73386	75657	4.25%	0.618%
81	18.811	2742	2744	2752	rVB5	162178	279837	15.71%	2.285%
82	18.958	2764	2769	2774	rVB	1396594	1781420	100.00%	14.544%
83	19.105	2790	2794	2798	rVB2	228426	308800	17.33%	2.521%
84	19.293	2822	2826	2827	rBV	309203	381554	21.42%	3.115%
85	19.323	2828	2831	2836	rVB	1018242	1187894	66.68%	9.698%
86	19.440	2849	2851	2855	rVB5	81799	88199	4.95%	0.720%
87	19.552	2867	2870	2877	rVB3	216457	308120	17.30%	2.516%
88	19.816	2912	2915	2919	rVB2	215068	285385	16.02%	2.330%
89	19.869	2921	2924	2927	rVB3	122762	141531	7.94%	1.155%
90	20.098	2960	2963	2969	rBV2	120604	145418	8.16%	1.187%
91	21.079	3126	3130	3135	rBV2	440240	803602	45.11%	6.561%
92	21.126	3135	3138	3146	rVB	395961	542331	30.44%	4.428%
93	22.613	3387	3391	3397	rBV2	379079	738599	41.46%	6.030%

Sum of corrected areas: 12248809

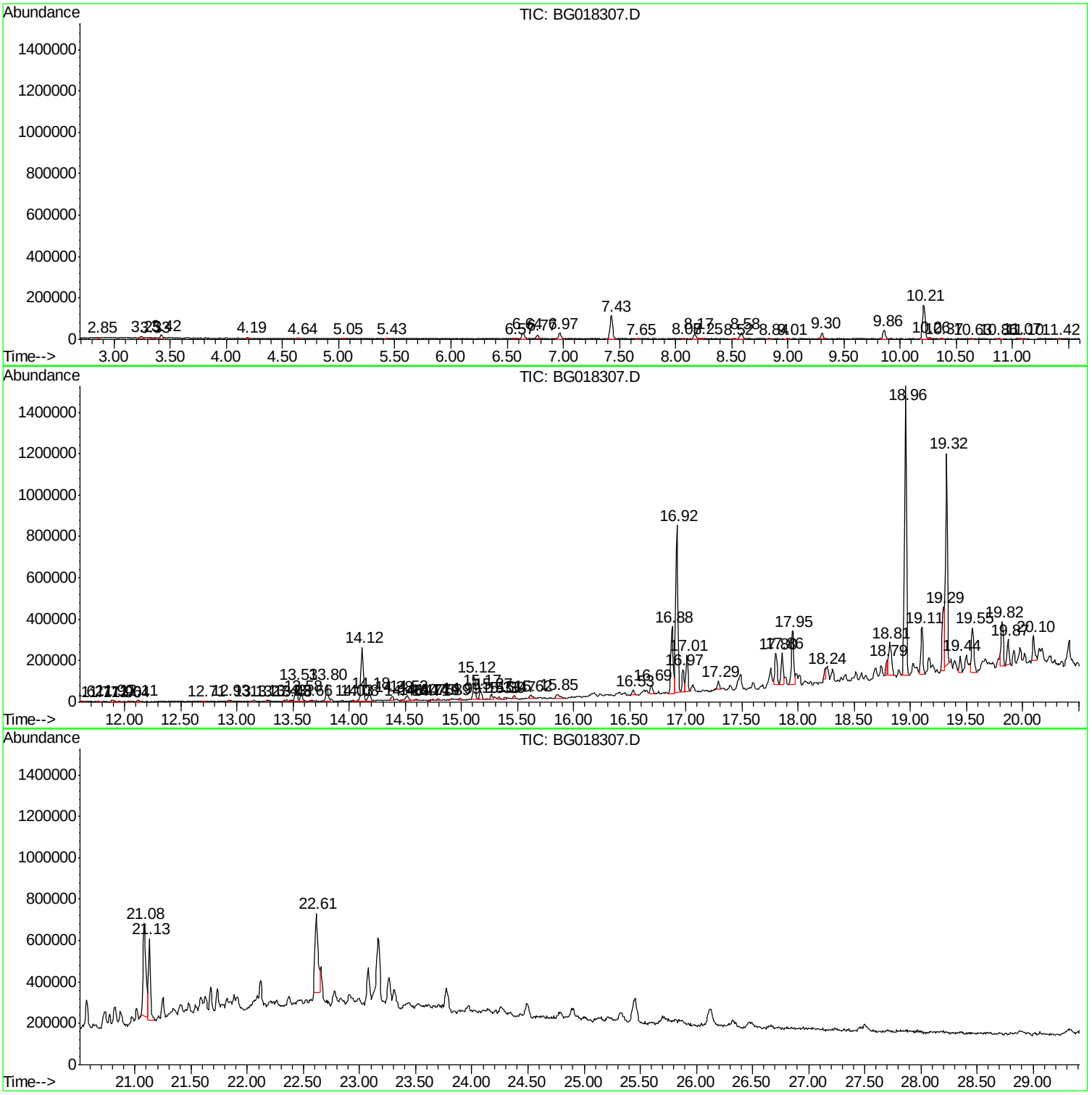
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

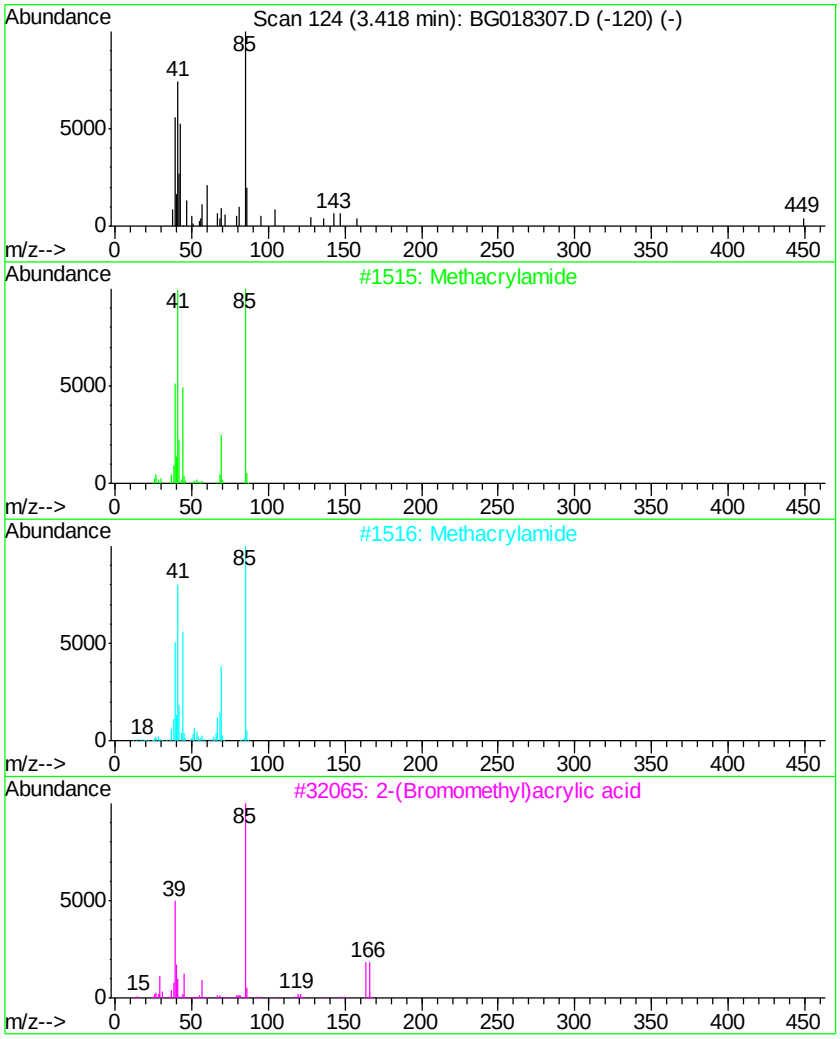
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

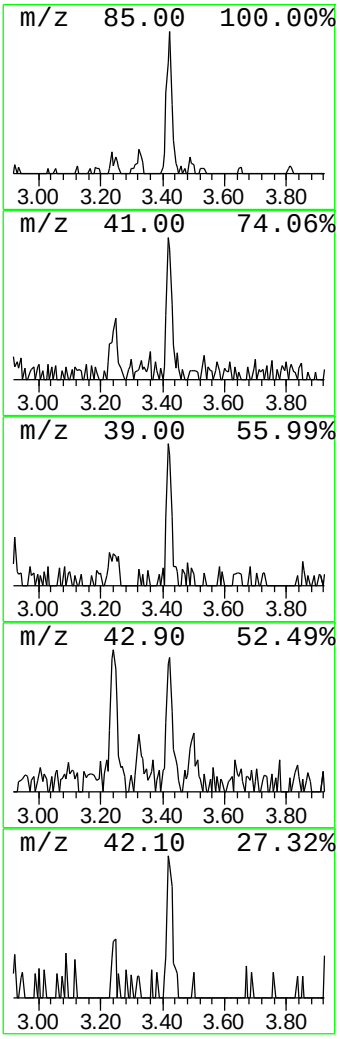
****

Peak Number 1 Methacrylamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	2.39 ng/ul	21798	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	52
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38
4	Methacrylamide	85	C4H7NO	000079-39-0	25
5	2-Octen-4-ol, 2-methyl-	142	C9H18O	065885-49-6	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

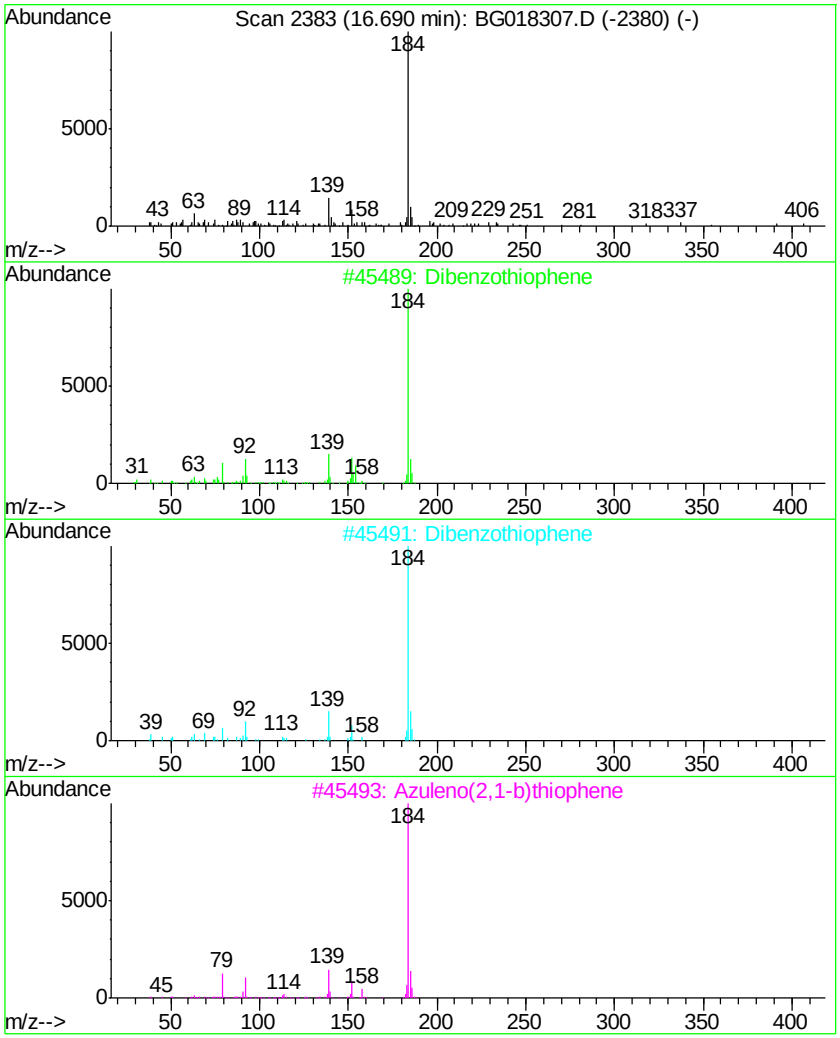
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

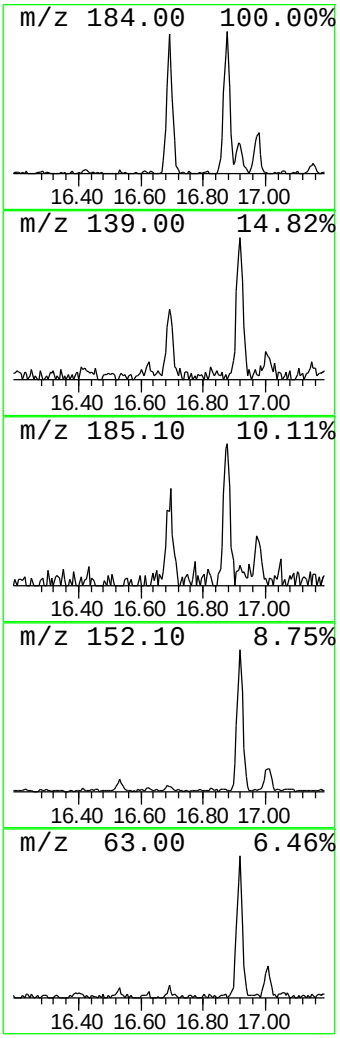
****

Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.49 ng/ul	58314	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Dibenzothiophene	184	C12H8S	000132-65-0	83
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80
4	Dibenzothiophene	184	C12H8S	000132-65-0	80
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
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Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

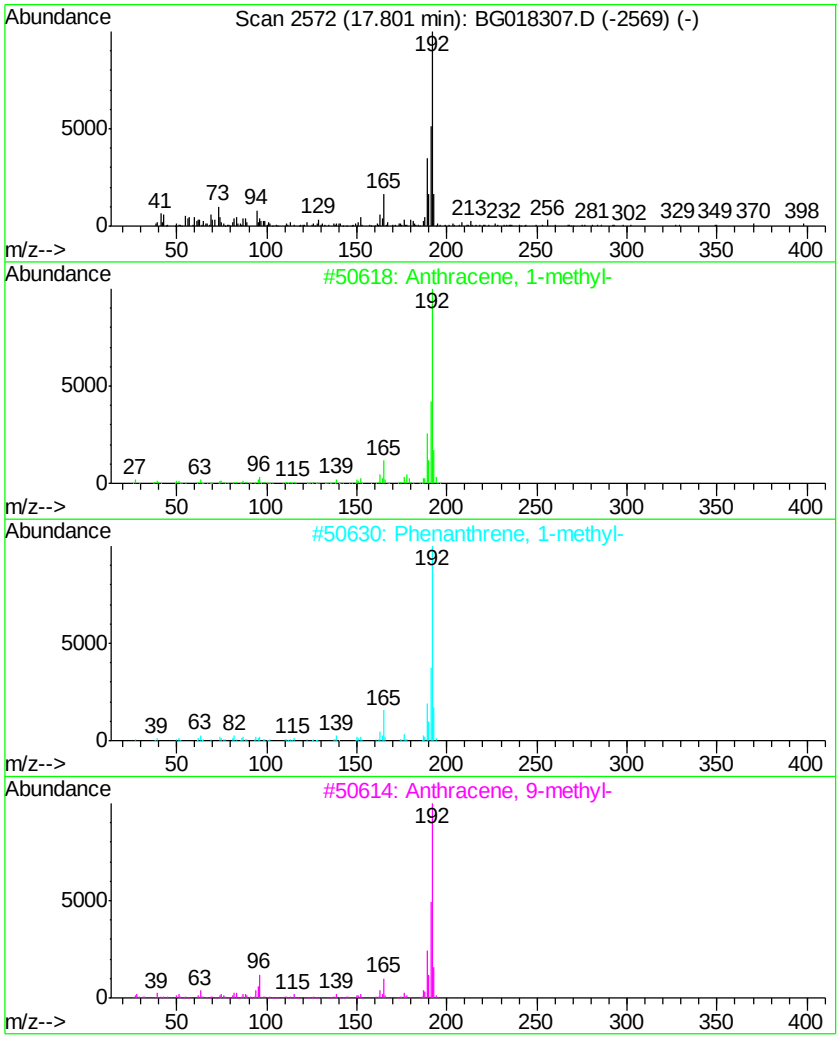
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

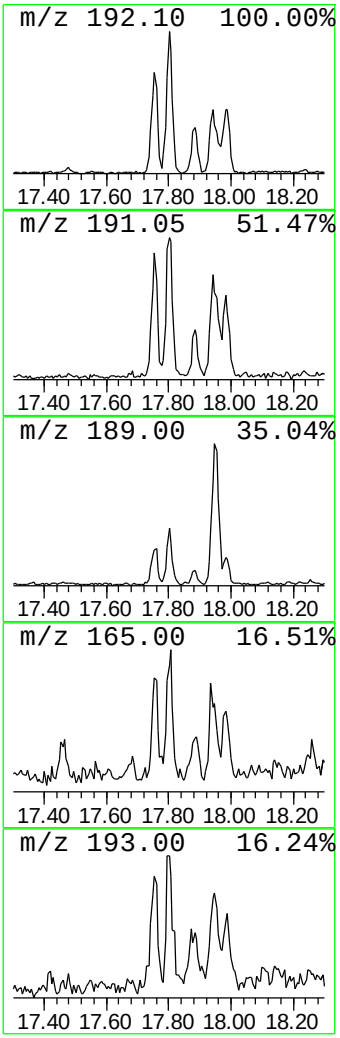
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	8.68 ng/ul	203511	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





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Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

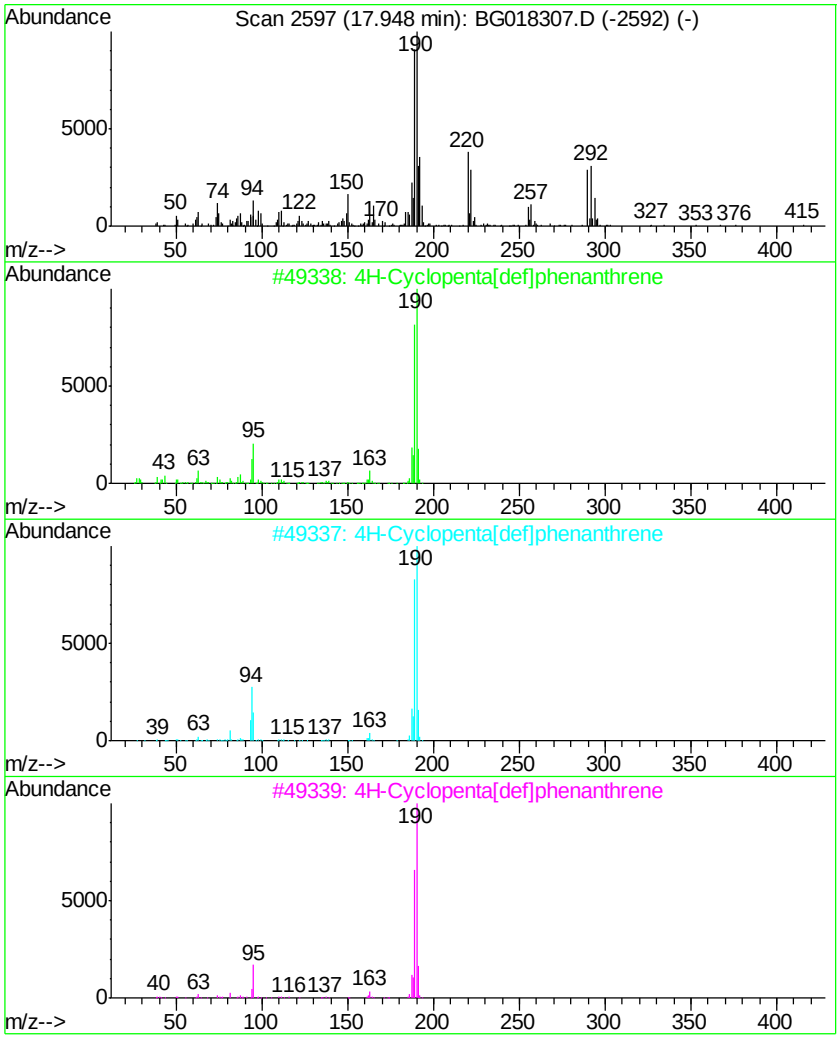
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

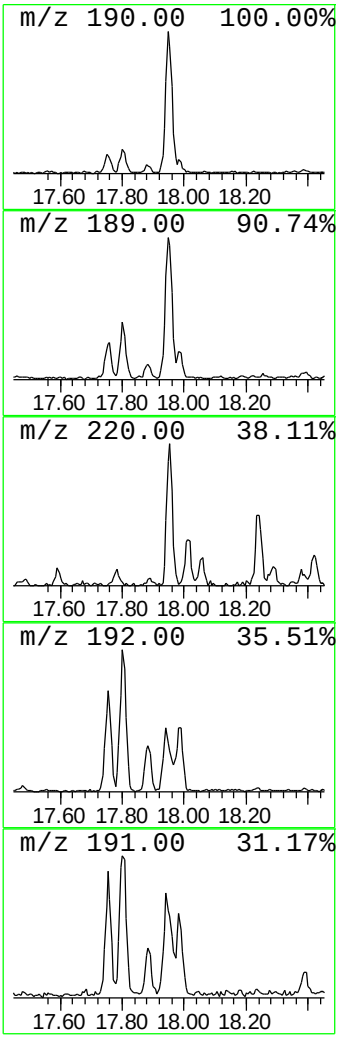
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	16.83 ng/ul	394713	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	37
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	32





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Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

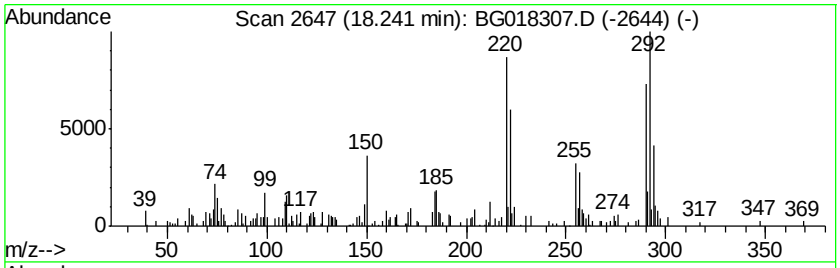
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

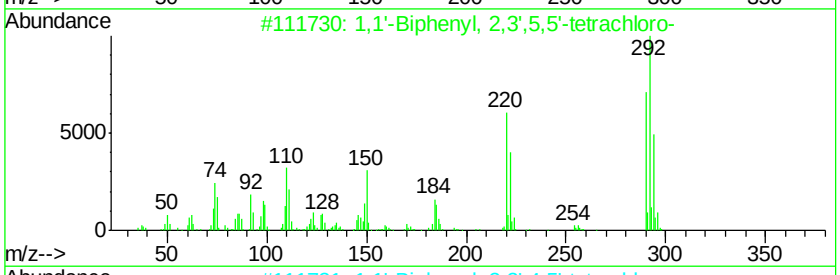
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

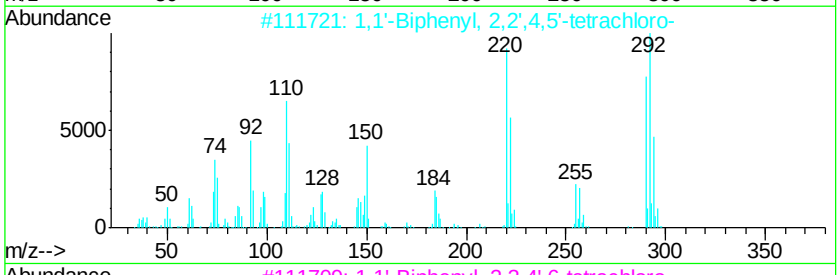
****
Peak Number 5 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 10

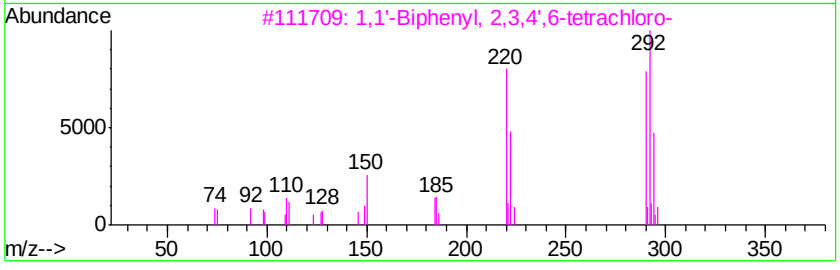
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.53 ng/ul	59264	Phenanthrene-d10	16.88

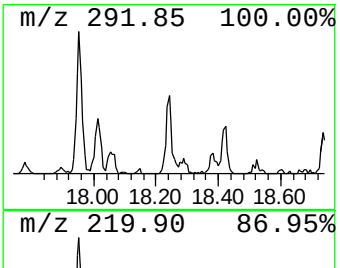
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	94
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	94
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	94
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94

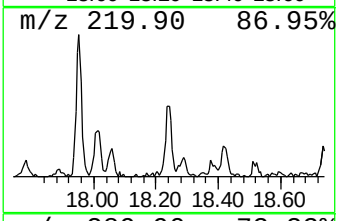


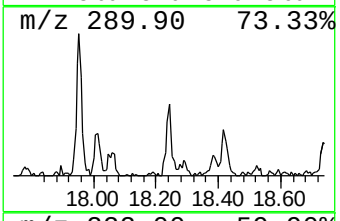


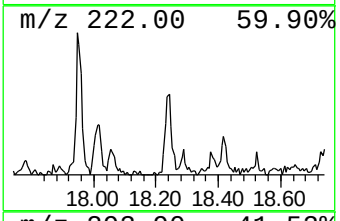


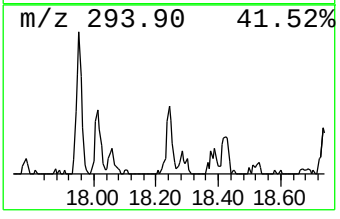












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Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

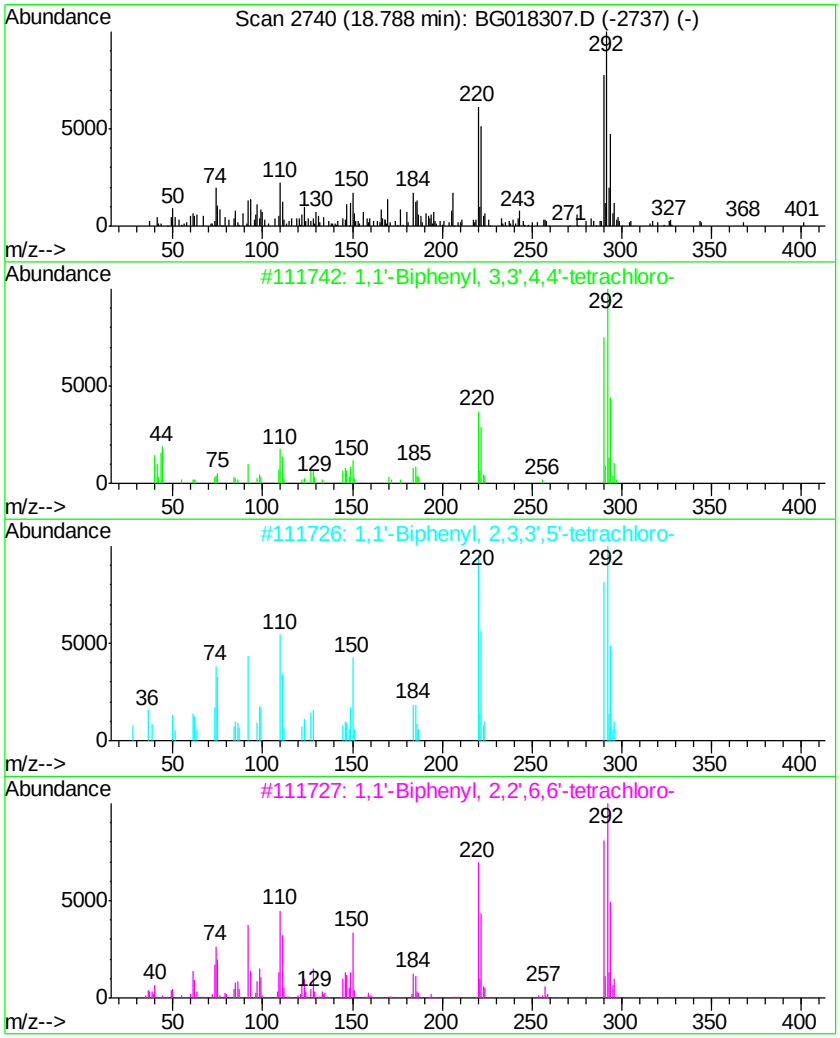
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

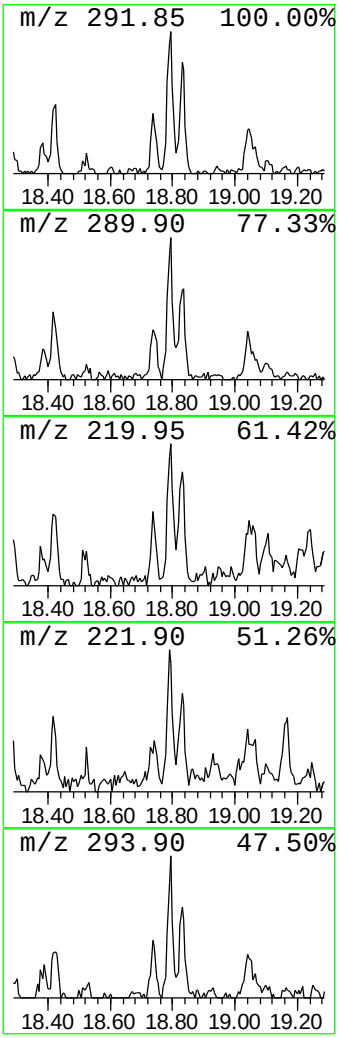
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	3.23 ng/ul	75657	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	97
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	96
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95





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Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

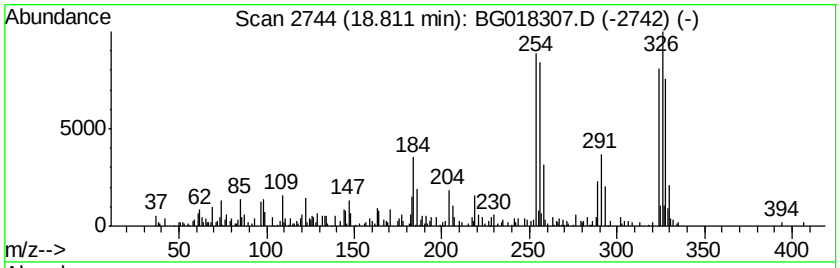
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

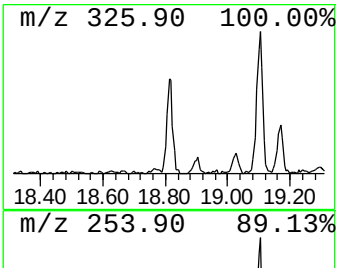
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	11.93 ng/ul	279837	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	93
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	93
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	93
5	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

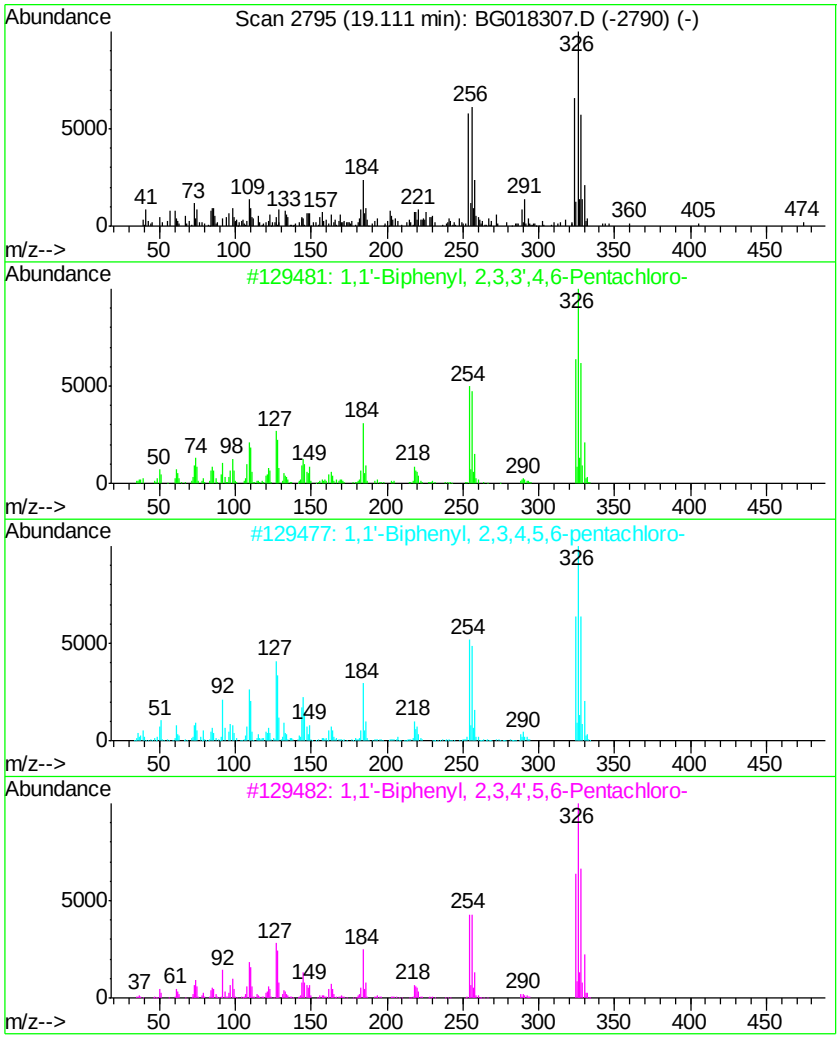
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

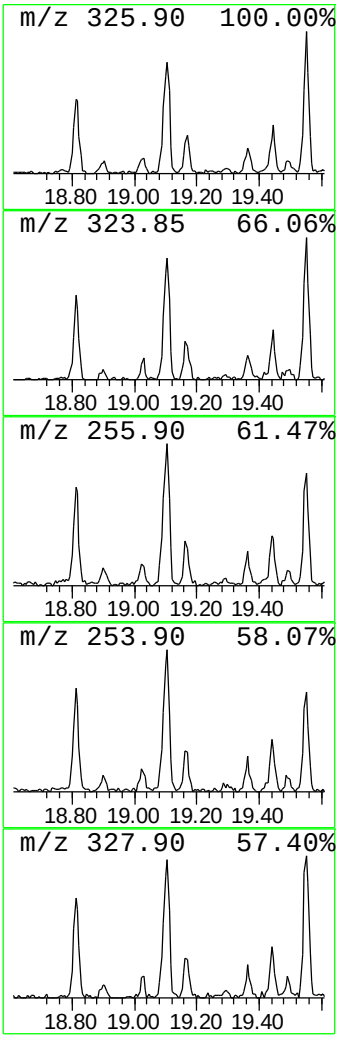
****

Peak Number 8 1,1'-Biphenyl, 2,3,3',4,6-P... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	7.69 ng/ul	308800	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95
3	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

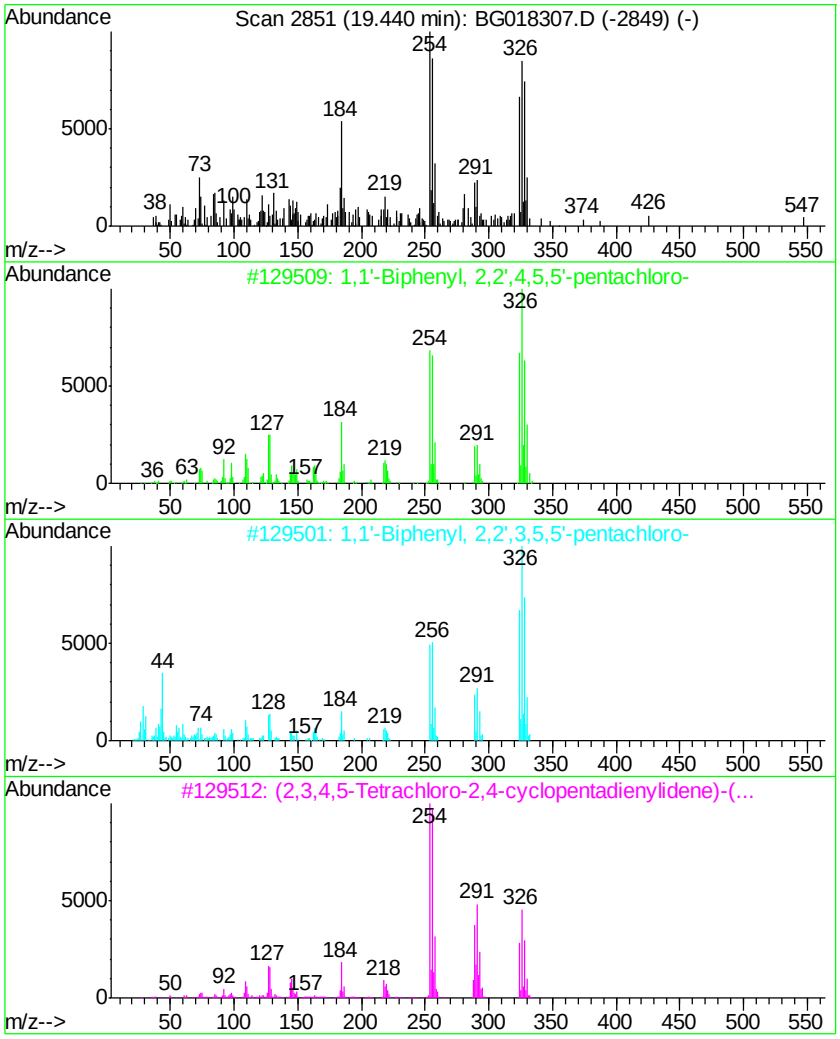
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

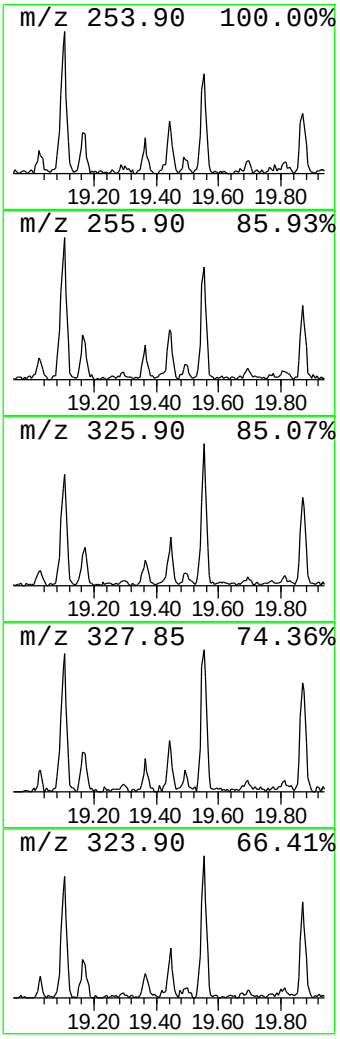
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.20 ng/ul	88199	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	93
3	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	93
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	93
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	91





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Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

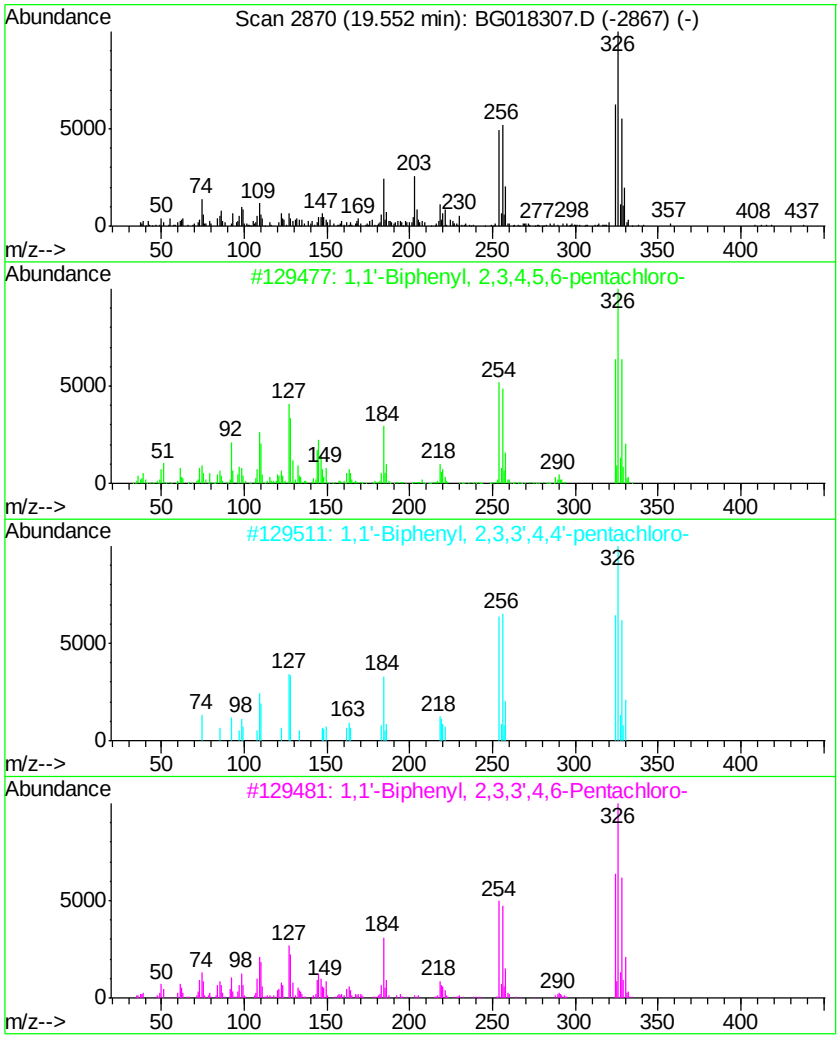
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

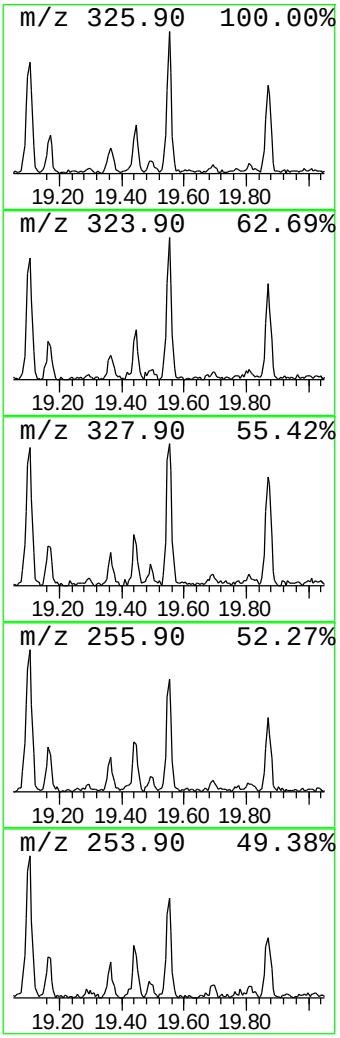
****

Peak Number 10 1,1'-Biphenyl, 2,3,4,5,6-pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	7.67 ng/ul	308120	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	94
4	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	94
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

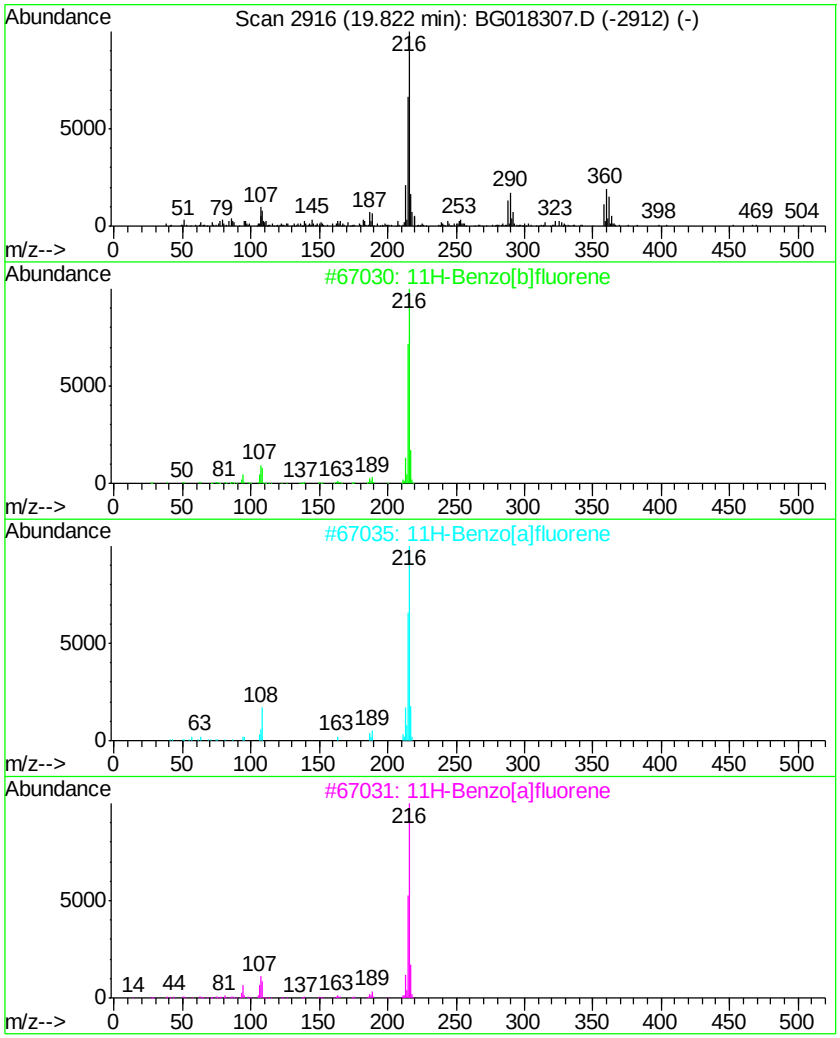
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

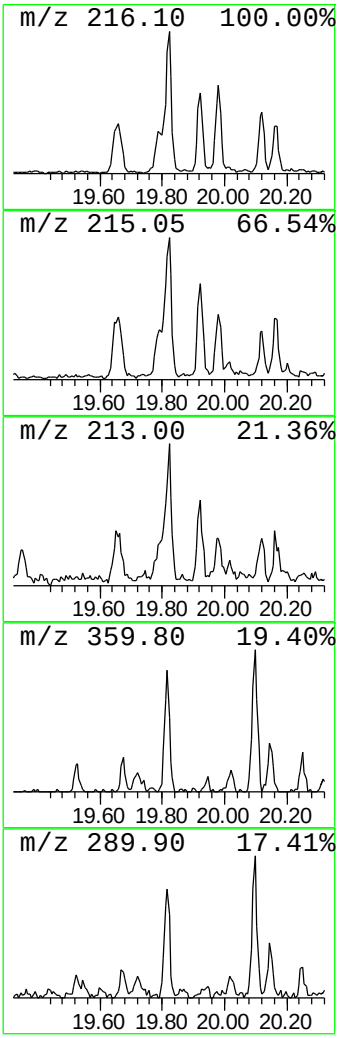
****

Peak Number 11 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	7.10 ng/ul	285385	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	41
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	38
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

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

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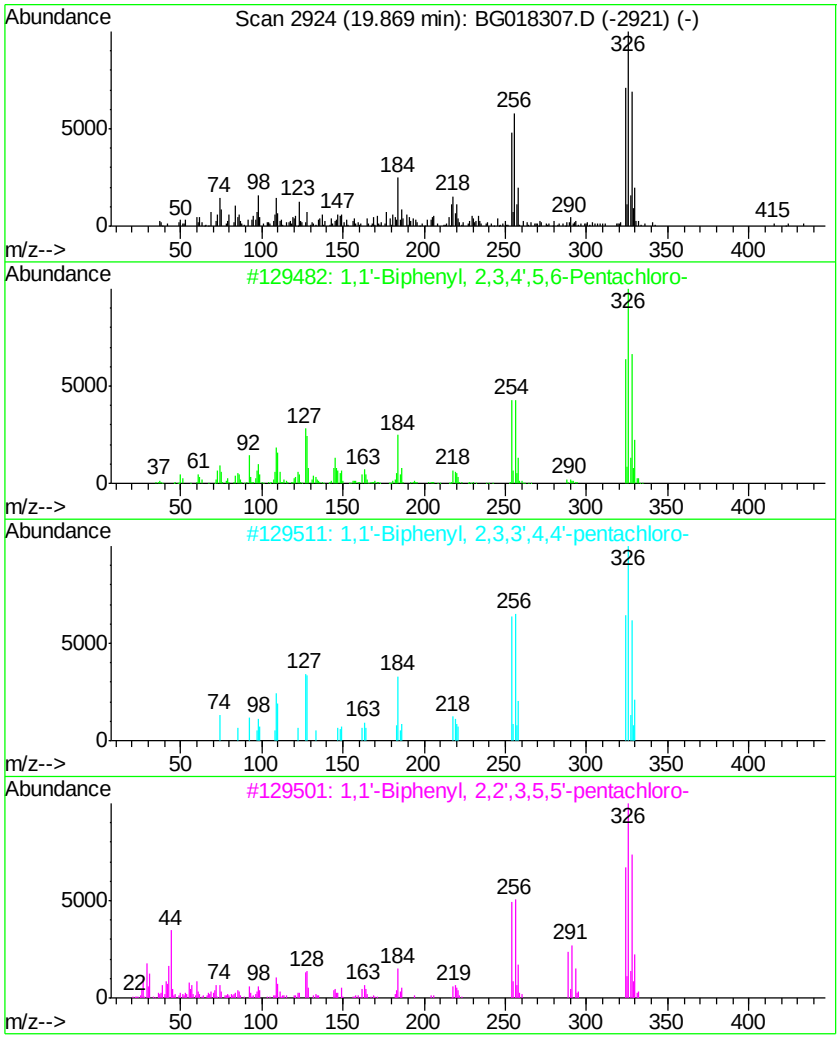
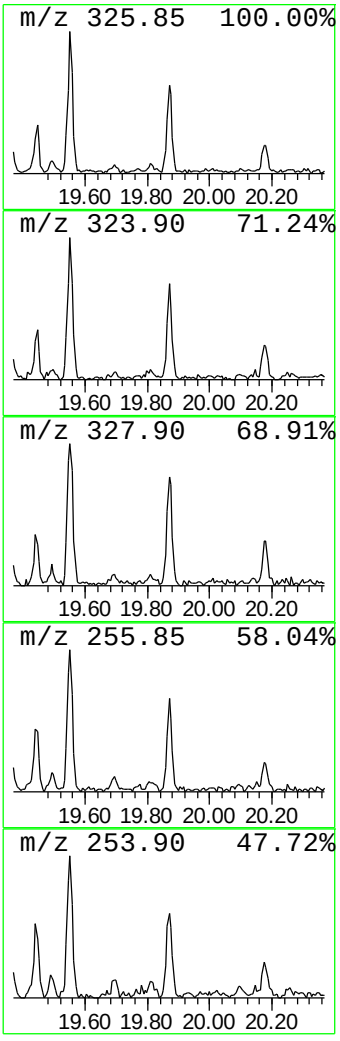
Peak Number 12 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.52 ng/ul	141531	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95
4	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

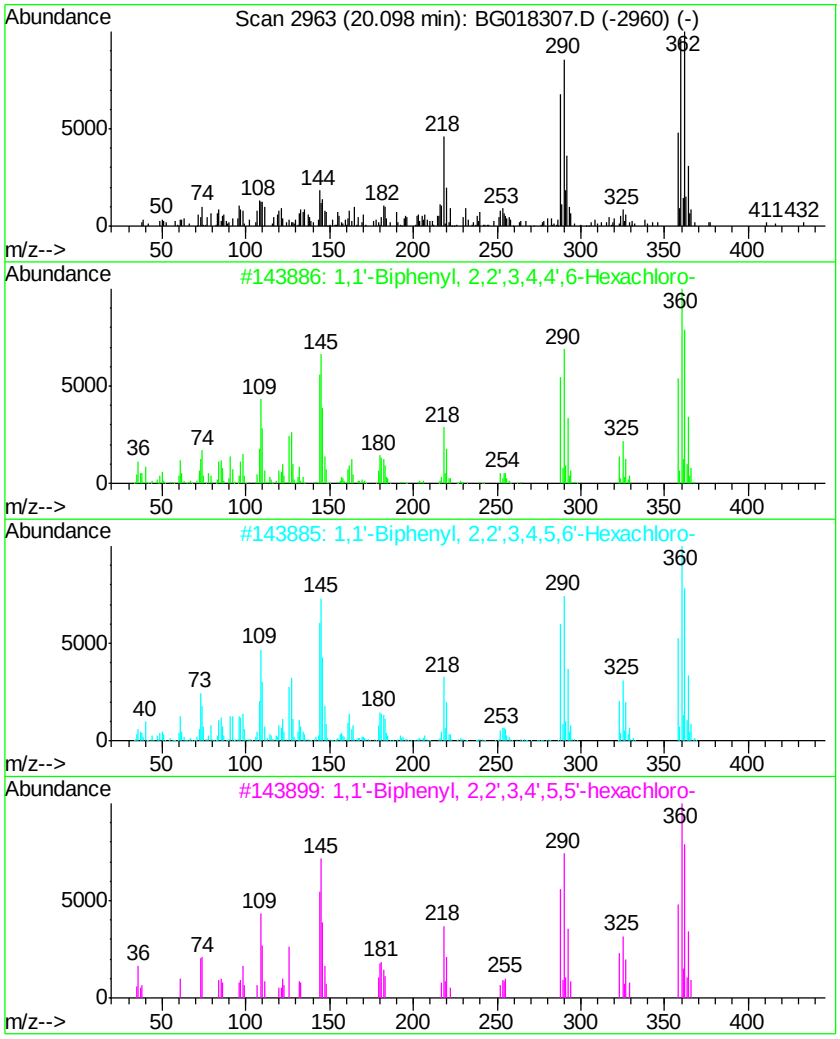
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

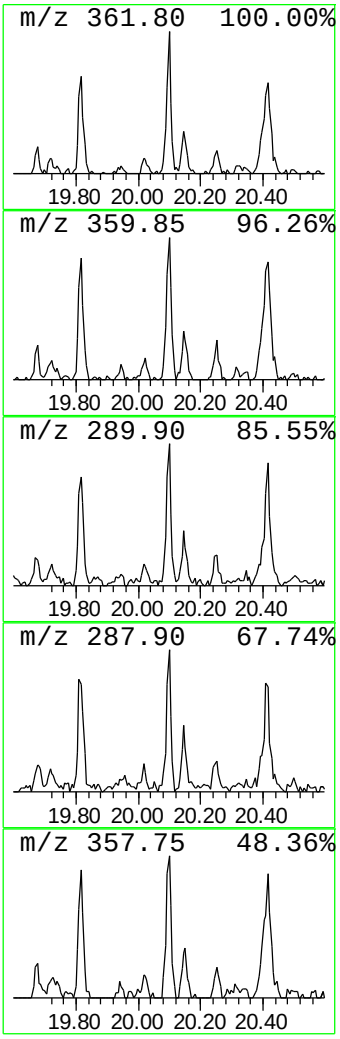
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.62 ng/ul	145418	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	95
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	95
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	94
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
Data File : BG018307.D
Acq On : 6 Aug 2015 16:30
Operator : UM/TP
Sample : G3109-04DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methacrylamide	3.42	2.4	ng/ul	21798	1	7.43	182418	20.0
Dibenzothiophene	16.69	2.5	ng/ul	58314	4	16.88	469113	20.0
Anthracene, 1-met...	17.80	8.7	ng/ul	203511	4	16.88	469113	20.0
4H-Cyclopenta[def...	17.95	16.8	ng/ul	394713	4	16.88	469113	20.0
1,1'-Biphenyl, 2,...	18.24	2.5	ng/ul	59264	4	16.88	469113	20.0
1,1'-Biphenyl, 3,...	18.79	3.2	ng/ul	75657	4	16.88	469113	20.0
1,1'-Biphenyl, 2,...	18.81	11.9	ng/ul	279837	4	16.88	469113	20.0
1,1'-Biphenyl, 2,...	19.11	7.7	ng/ul	308800	5	21.09	803602	20.0
1,1'-Biphenyl, 2,...	19.44	2.2	ng/ul	88199	5	21.09	803602	20.0
1,1'-Biphenyl, 2,...	19.55	7.7	ng/ul	308120	5	21.09	803602	20.0
unknown-01	19.82	7.1	ng/ul	285385	5	21.09	803602	20.0
1,1'-Biphenyl, 2,...	19.87	3.5	ng/ul	141531	5	21.09	803602	20.0
1,1'-Biphenyl, 2,...	20.10	3.6	ng/ul	145418	5	21.09	803602	20.0