LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

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-BG073115.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	2.964	44	47	50	rBV5	7182	10269	0.69%	0.037%
2	3.311	99	106	109	rVB6	5122	11140	0.75%	0.040%
3	5.003	389	394	399	rVB	65764	97071	6.49%	0.345%
4	5.132	412	416	425	rVB4	10143	22636	1.51%	0.081%
5	5.479	470	475	483	rBV2	34039	75998	5.08%	0.270%
6	5.972	556	559	564	rVB3	10539	13480	0.90%	0.048%
7	6.460	639	642	648	rVB6	7940	13757	0.92%	0.049%
8	6.536	648	655	656	rBV5	6002	10454	0.70%	0.037%
9	6.566	658	660	664	rVB4	9516	13271	0.89%	0.047%
10	6.630	667	671	675	rVB3	16867	25260	1.69%	0.090%
11	6.689	675	681	694	rVB	298073	484475	32.40%	1.723%
12	6.824	698	704	709	rBV	205989	302470	20.23%	1.076%
13	7.018	730	737	746	rBV	296655	479999	32.10%	1.707%
14	7.130	746	756	763	rVB	23397	43908	2.94%	0.156%
15	7.482	808	816	824	rBV	428052	656096	43.88%	2.334%
16	7.553	824	828	832	rVV3	10330	18408	1.23%	0.065%
17	7.594	832	835	839	rVB4	12213	16465	1.10%	0.059%
18	7.846	873	878	882	rBV3	7146	9326	0.62%	0.033%
19	7.970	893	899	900	rBV4	5567	9699	0.65%	0.035%
20	8.029	903	909	914	rVB4	9332	20657	1.38%	0.073%
21	8.117	919	924	930	rVV3	13950	23598	1.58%	0.084%
22	8.217	935	941	948	rBV	376252	589615	39.44%	2.097%
23	8.305	948	956	961	rVB4	20278	43967	2.94%	0.156%
24	8.434	973	978	980	rBV	8741	12296	0.82%	0.044%
25	8.475	983	985	989	rVB3	7645	10068	0.67%	0.036%
26	8.581	998	1003	1007	rBV2	20255	36731	2.46%	0.131%
27	8.640	1007	1013	1019	rVV	285393	461596	30.87%	1.642%
28	8.804	1035	1041	1047	rBV7	10077	22755	1.52%	0.081%
29	9.104	1088	1092	1097	rBV4	9214	16025	1.07%	0.057%
30	9.163	1098	1102	1107	rVB3	14341	22313	1.49%	0.079%
31	9.356	1128	1135	1142	rVV	246507	403197	26.97%	1.434%
32	9.480	1149	1156	1160	rBV5	6789	15192	1.02%	0.054%
33	9.627	1177	1181	1184	rBV4	8404	13057	0.87%	0.046%
34	9.674	1184	1189	1195	rVV4	13067	28312	1.89%	0.101%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

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-BG073115.M
Title : SVOA CALIBRATION

35	9.738	1198	1200	1204	rVB3	7828	9002	0.60%	0.032%
36	9.909	1222	1229	1237	rVV	405866	691585	46.26%	2.460%
37	9.973	1237	1240	1247	rVB2	6799	11088	0.74%	0.039%
38	10.056	1250	1254	1258	rVB5	6550	9341	0.62%	0.033%
39	10.138	1263	1268	1272	rBV7	6795	12439	0.83%	0.044%
40	10.267	1282	1290	1295	rBV	564082	938255	62.75%	3.338%
41	10.314	1295	1298	1305	rVB	45200	74478	4.98%	0.265%
42	10.414	1309	1315	1326	rVV	217936	376598	25.19%	1.340%
43	10.643	1349	1354	1359	rVV6	6161	11226	0.75%	0.040%
44	11.019	1413	1418	1423	rVB	23737	37562	2.51%	0.134%
45	11.107	1428	1433	1438	rVV6	7921	16308	1.09%	0.058%
46	11.190	1442	1447	1455	rBV7	21406	36019	2.41%	0.128%
47	11.372	1475	1478	1484	rVB6	5951	10988	0.73%	0.039%
48	11.654	1520	1526	1531	rVV6	10362	23780	1.59%	0.085%
49	11.718	1533	1537	1539	rVB5	7412	10367	0.69%	0.037%
50	11.948	1572	1576	1581	rVB2	35186	51217	3.43%	0.182%
51	12.171	1608	1614	1620	rBV2	21982	36139	2.42%	0.129%
52	12.447	1656	1661	1664	rBV5	5579	9928	0.66%	0.035%
53	12.494	1666	1669	1676	rVB6	8788	15573	1.04%	0.055%
54	12.729	1704	1709	1717	rVB4	24062	51455	3.44%	0.183%
55	12.982	1749	1752	1756	rBV4	13127	15695	1.05%	0.056%
56	13.070	1763	1767	1773	rVB8	8911	18555	1.24%	0.066%
57	13.316	1805	1809	1810	rBV4	13314	19235	1.29%	0.068%
58	13.475	1831	1836	1842	rBV4	26542	45112	3.02%	0.160%
59	13.534	1842	1846	1848	rVV3	11849	18404	1.23%	0.065%
60	13.581	1848	1854	1857	rVV	642520	941952	63.00%	3.351%
61	13.622	1857	1861	1870	rVB	373287	518071	34.65%	1.843%
62	13.851	1890	1900	1906	rBV	694424	1052820	70.42%	3.745%
63	14.074	1934	1938	1940	rBV3	16204	20564	1.38%	0.073%
64	14.163	1947	1953	1960	rBV2	830992	1240484	82.97%	4.413%
65	14.227	1960	1964	1971	rVB	41452	66214	4.43%	0.236%
66	14.421	1992	1997	2003	rVB2	199569	302446	20.23%	1.076%
67	14.691	2039	2043	2047	rBV7	17060	26326	1.76%	0.094%
68	14.832	2065	2067	2072	rVB6	14118	17469	1.17%	0.062%
69	15.026	2098	2100	2104	rVB3	25979	31527	2.11%	0.112%
70	15.161	2117	2123	2129	rBV	848280	1179557	78.89%	4.196%
71	15.214	2129	2132	2137	rVB2	35742	47657	3.19%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

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-BG073115.M
Title : SVOA CALIBRATION

72	16.272	2308	2312	2319	rVB	126087	169158	11.31%	0.602%
73	16.442	2336	2341	2346	rBV	1211584	1495129	100.00%	5.318%
74	16.525	2352	2355	2359	rVB	106367	124400	8.32%	0.443%
75	16.689	2380	2383	2388	rVB	268768	330345	22.09%	1.175%
76	16.801	2398	2402	2405	rBV2	139210	170849	11.43%	0.608%
77	16.924	2417	2423	2426	rBV2	831818	1218886	81.52%	4.336%
78	16.965	2426	2430	2434	rVB	330530	439012	29.36%	1.562%
79	17.018	2434	2439	2443	rBV	729222	1003271	67.10%	3.569%
80	17.100	2449	2453	2461	rVB3	152906	230622	15.42%	0.820%
81	17.529	2520	2526	2532	rVB	359826	619559	41.44%	2.204%
82	17.999	2601	2606	2610	rBV	477778	681663	45.59%	2.425%
83	18.058	2613	2616	2619	rVB2	172331	210520	14.08%	0.749%
84	18.281	2651	2654	2660	rBV2	238493	378599	25.32%	1.347%
85	18.463	2682	2685	2689	rVB2	147454	173805	11.62%	0.618%
86	18.857	2745	2752	2762	rVB4	443932	1007487	67.38%	3.584%
87	18.998	2772	2776	2781	rVB	611943	744748	49.81%	2.649%
88	19.063	2784	2787	2795	rVV4	213973	343748	22.99%	1.223%
89	19.145	2796	2801	2806	rVB	610610	855032	57.19%	3.041%
90	19.210	2809	2812	2816	rVB	193899	219793	14.70%	0.782%
91	19.333	2829	2833	2836	rBV2	675618	969450	64.84%	3.448%
92	19.362	2836	2838	2842	rVB	450075	488380	32.66%	1.737%
93	19.486	2856	2859	2863	rVB	225219	253840	16.98%	0.903%
94	19.591	2874	2877	2885	rVB2	547448	704650	47.13%	2.507%
95	19.856	2919	2922	2927	rVB2	343958	452823	30.29%	1.611%
96	19.909	2928	2931	2937	rVB	414835	513720	34.36%	1.827%
97	20.138	2967	2970	2975	rBV2	313344	349001	23.34%	1.241%
98	20.831	3085	3088	3092	rBV	735233	793517	53.07%	2.823%
99	21.054	3123	3126	3129	rBV	549917	569691	38.10%	2.026%
100	21.348	3174	3176	3180	rBV	576165	571724	38.24%	2.034%

Sum of corrected areas: 28112419

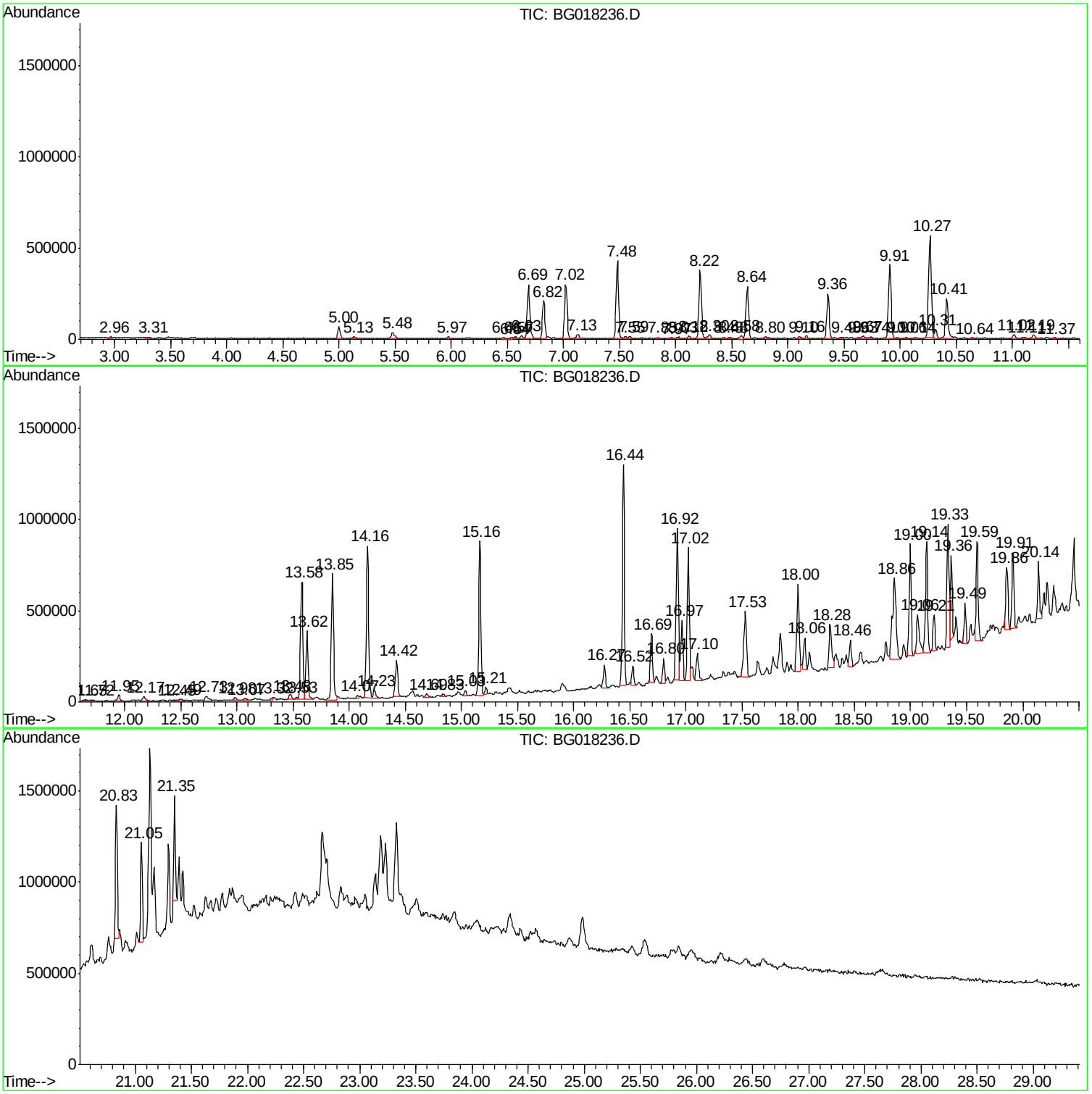
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

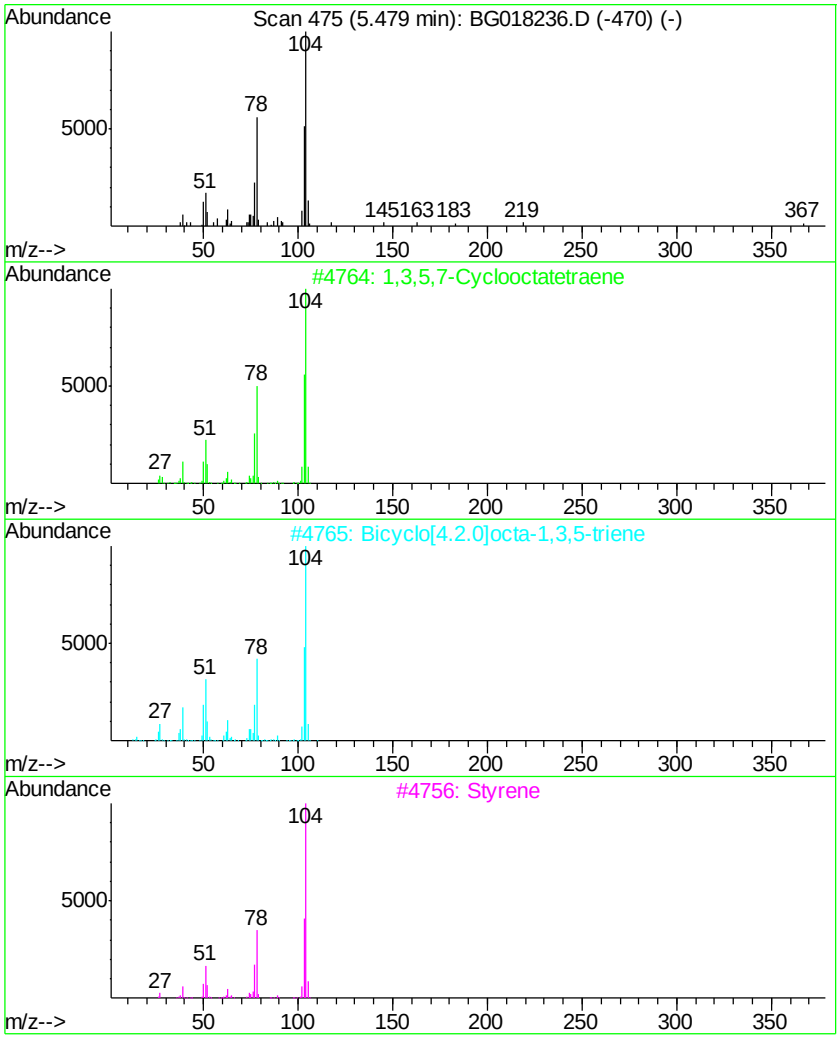
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

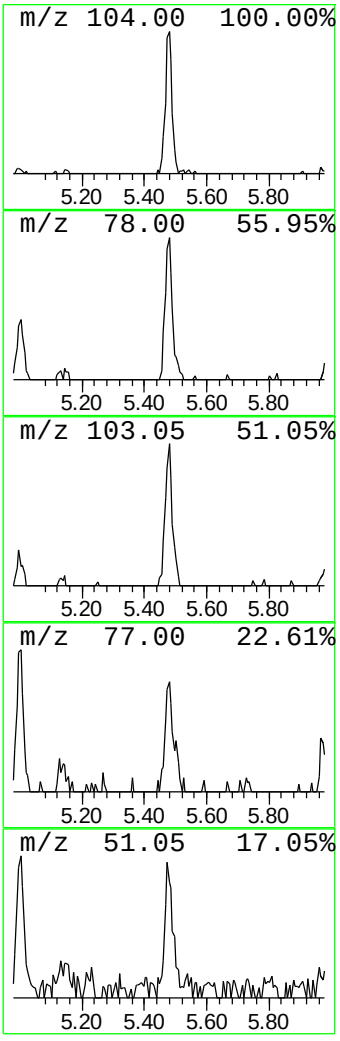
****

Peak Number 2 1,3,5,7-Cyclooctatetraene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.32 ng/ul	75998	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
3	Styrene	104	C8H8	000100-42-5	91
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

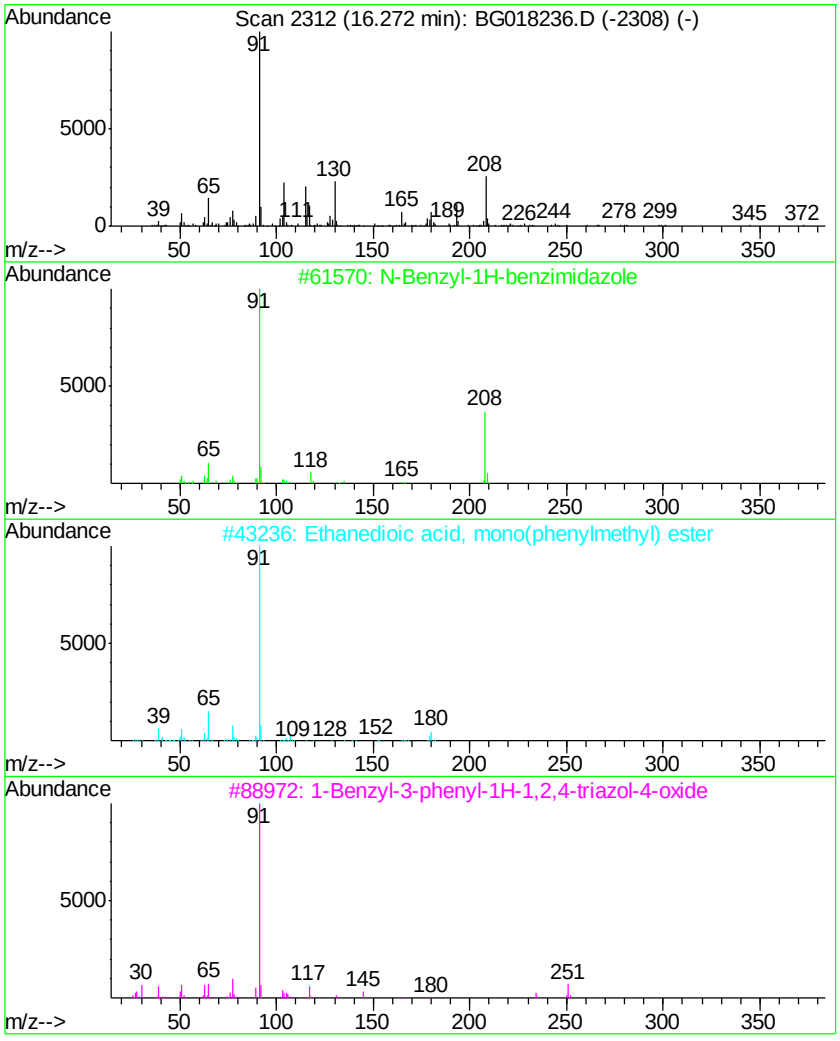
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

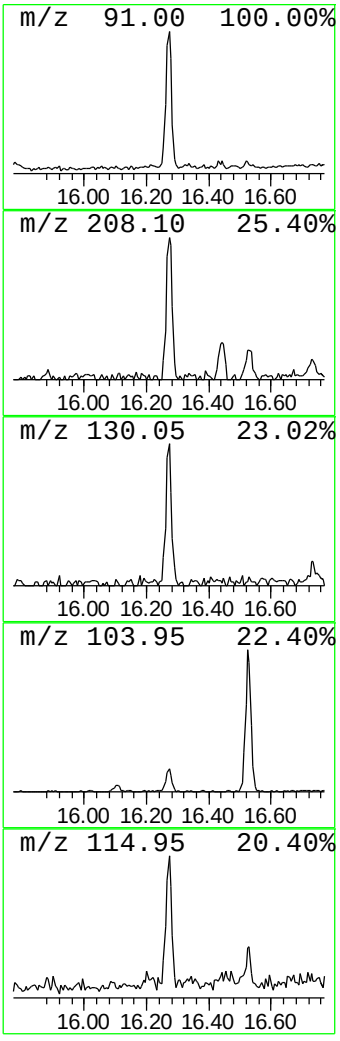
****

Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.78 ng/ul	169158	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzyl-1H-benzimidazole	208	C14H12N2	004981-92-4	22
2	Ethanedioic acid, mono(phenylmet...	180	C9H8O4	035448-14-7	15
3	1-Benzyl-3-phenyl-1H-1,2,4-triaz...	251	C15H13N3O	019081-69-7	14
4	4-Benzyloxybenzonitrile	209	C14H11NO	052805-36-4	11
5	1-Benzyl-2-ethoxy-6-oxo-1,2-azap...	267	C13H18NO3P	093939-02-7	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
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Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

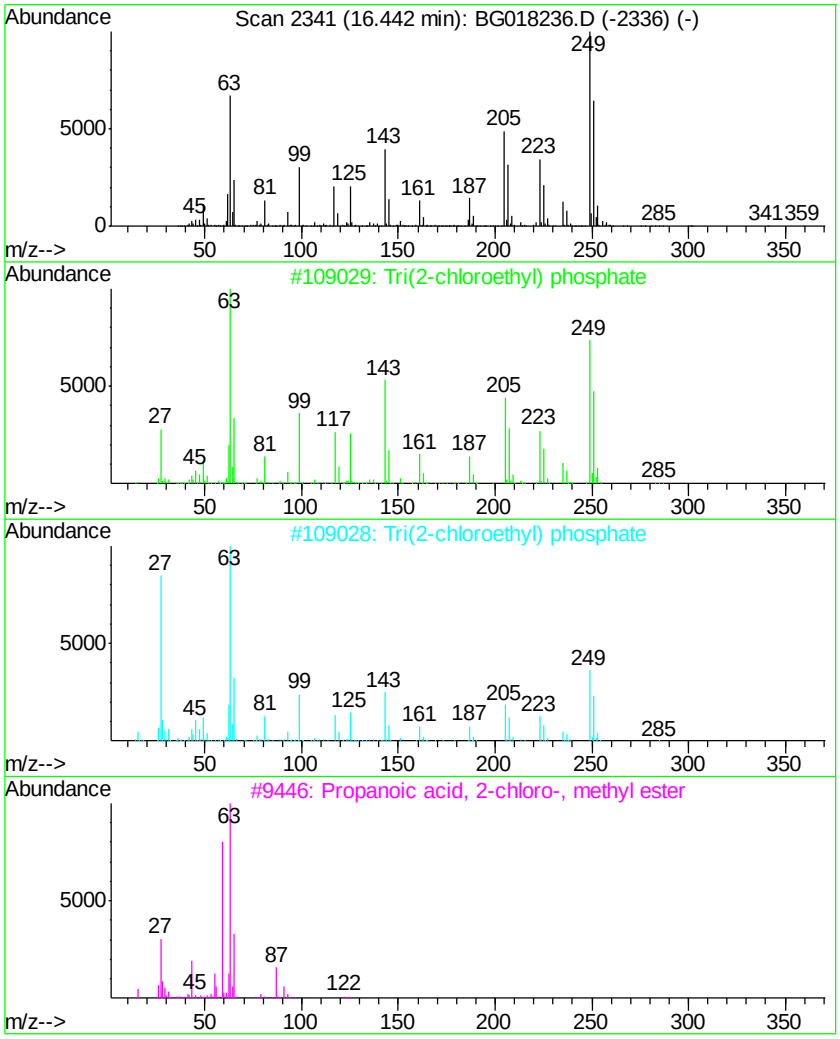
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

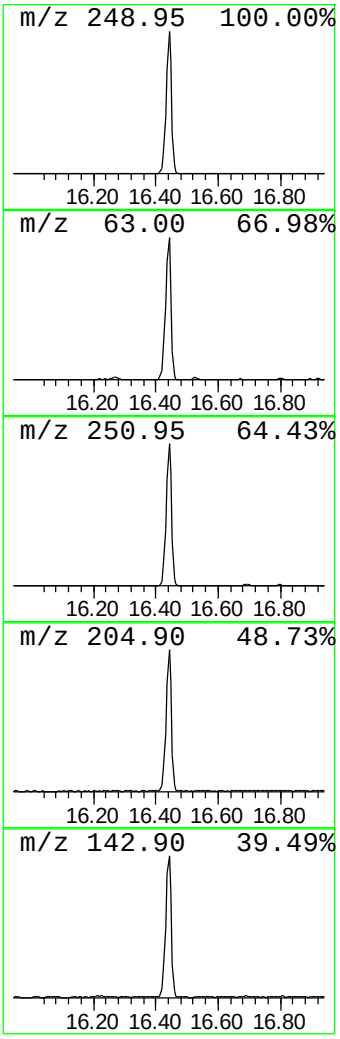
****

Peak Number 4 Tri(2-chloroethyl) phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	24.53 ng/ul	1495130	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
3	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	27
4	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	27
5	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

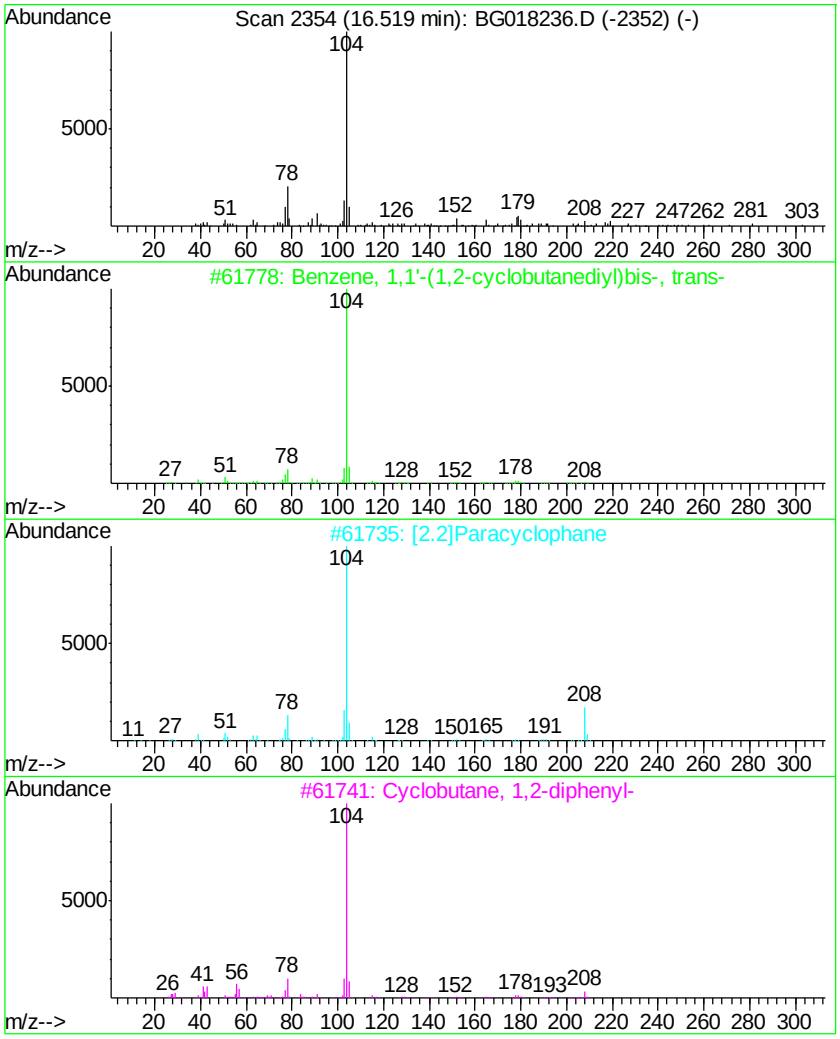
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

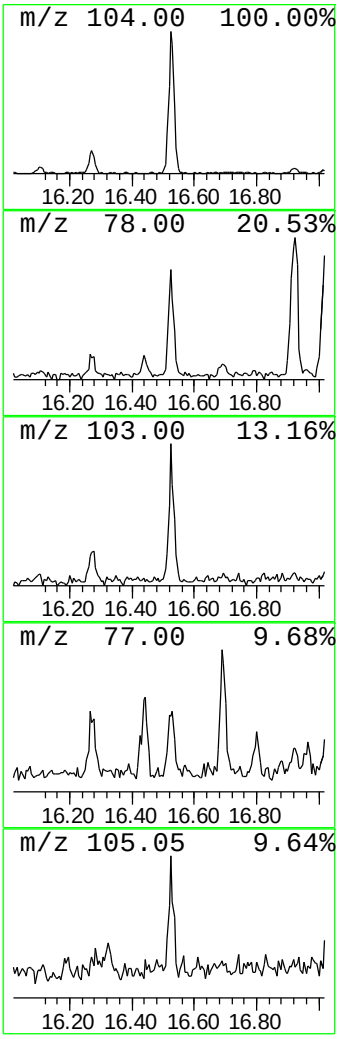
****

Peak Number 5 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.04 ng/ul	124400	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	78
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	74
3	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	72
4	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
5	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

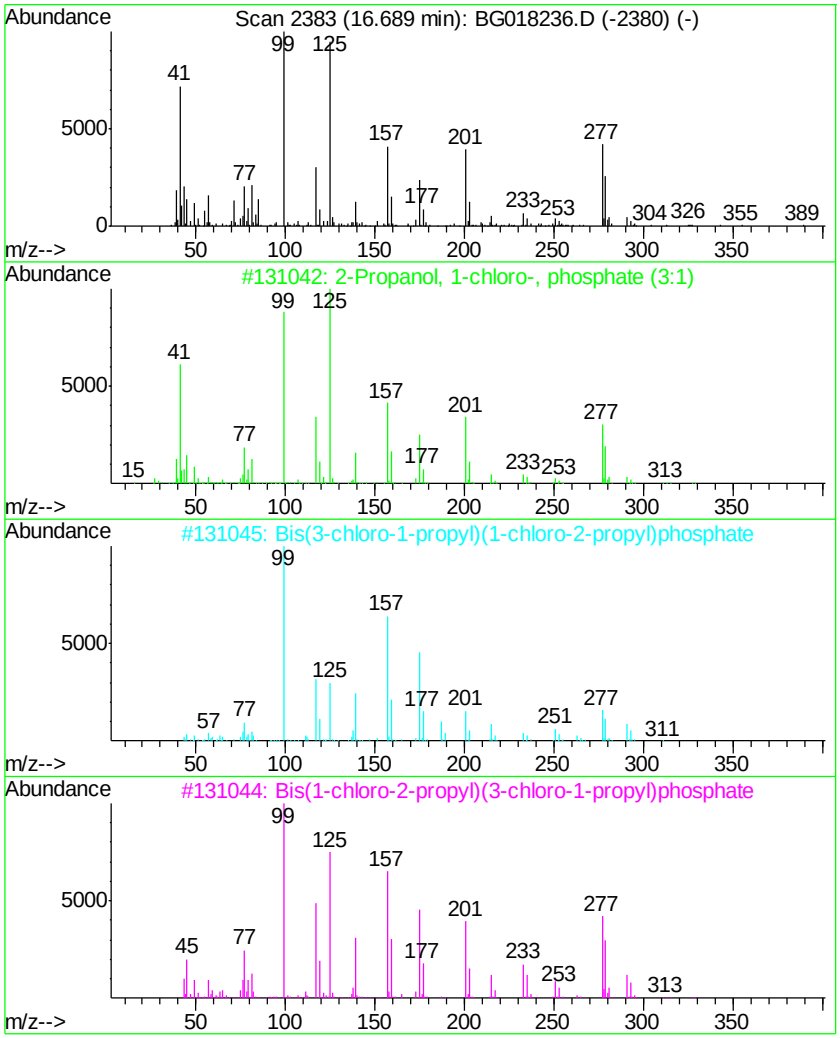
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

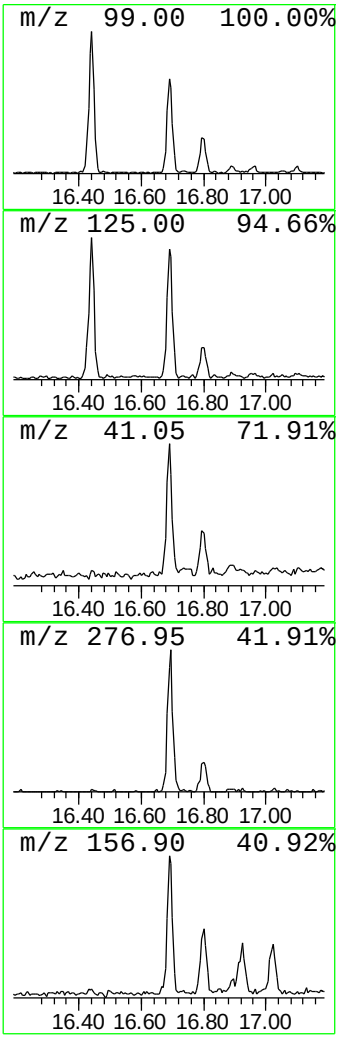
****

Peak Number 6 2-Propanol, 1-chloro-, phos... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	5.42 ng/ul	330345	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	27
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	22
4	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	18
5	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	17





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Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

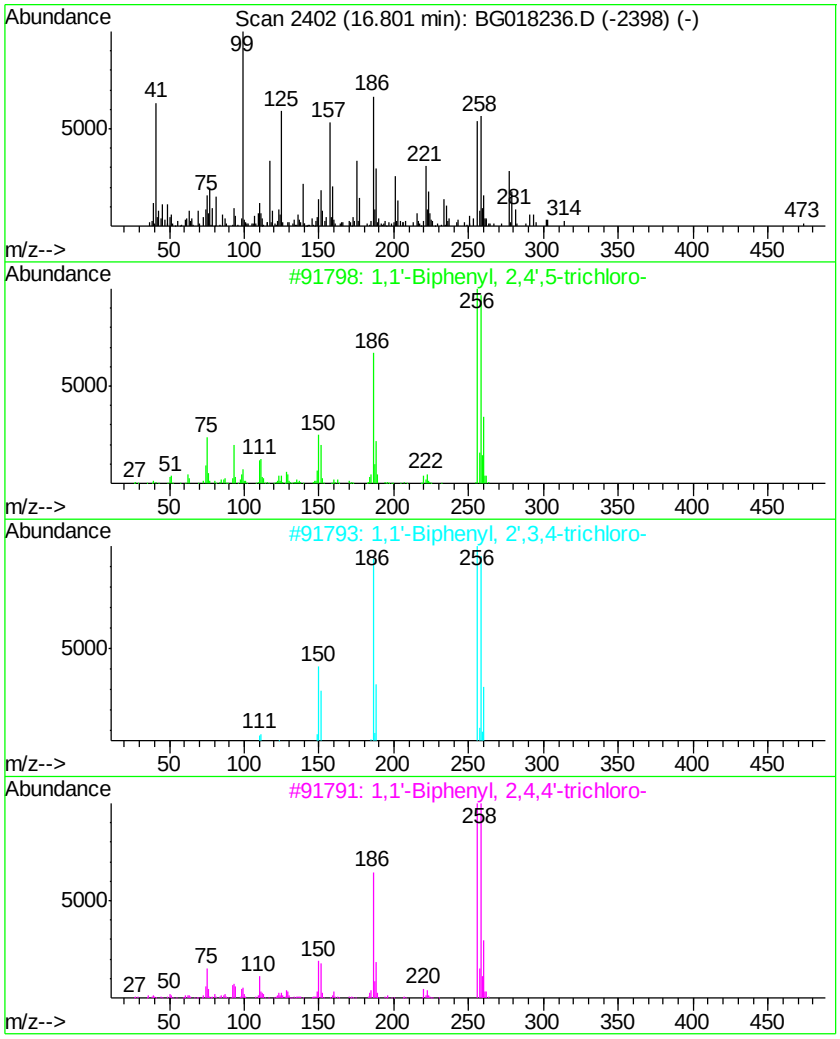
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

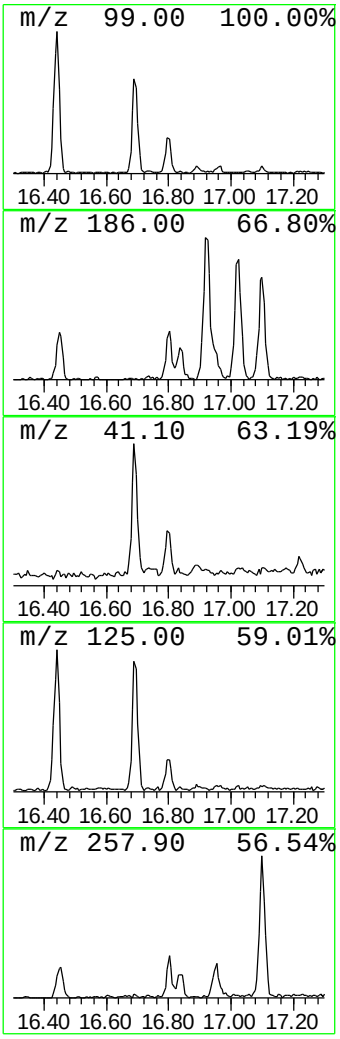
****

Peak Number 7 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.80 ng/ul	170849	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	78
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	64
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	51
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	50
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	46





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Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

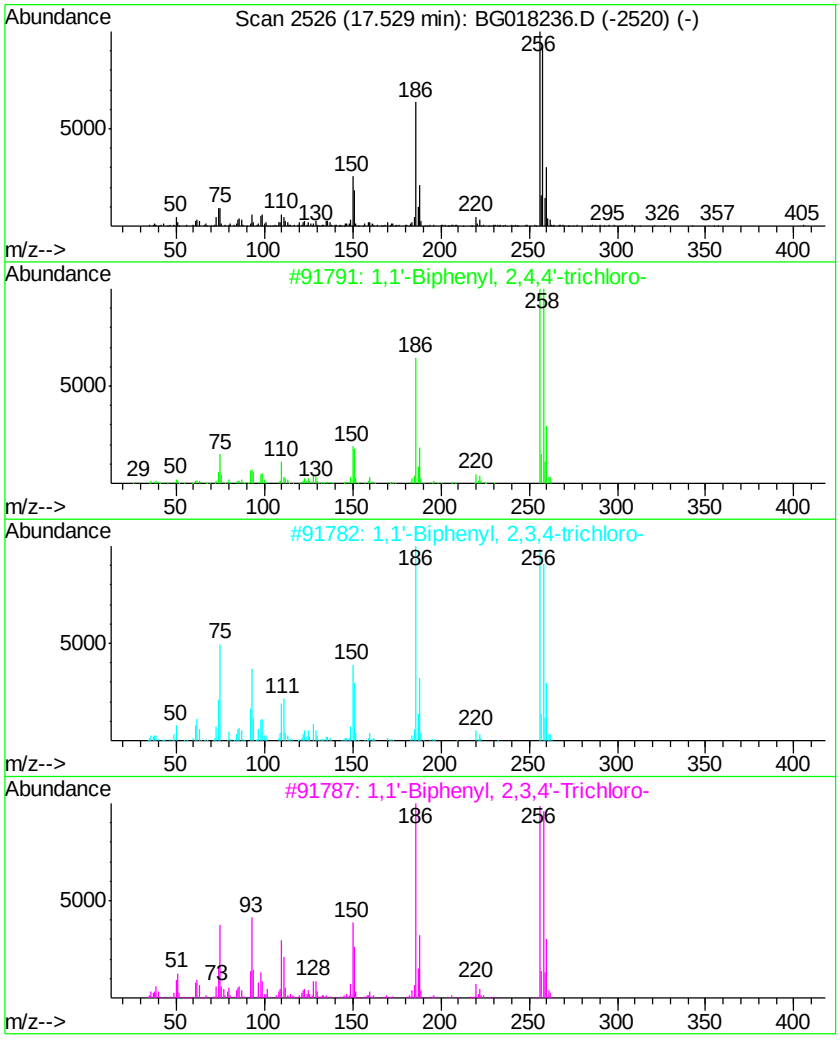
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

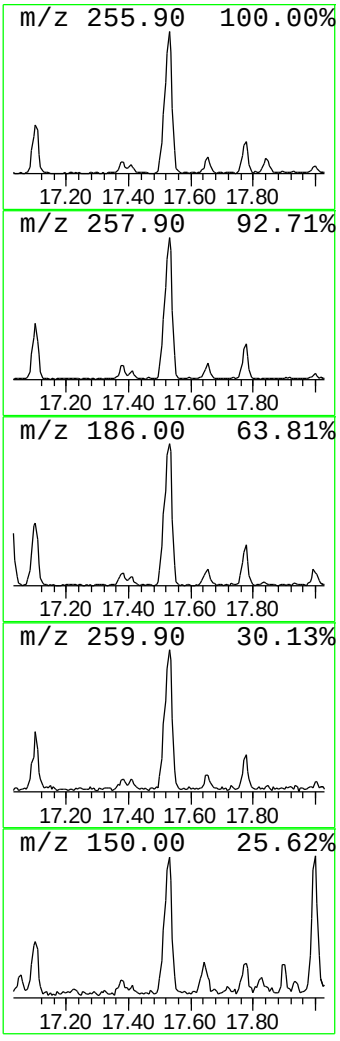
****

Peak Number 8 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	10.17 ng/ul	619559	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
2	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96
3	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	95
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	94





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Data File : BG018236.D
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Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

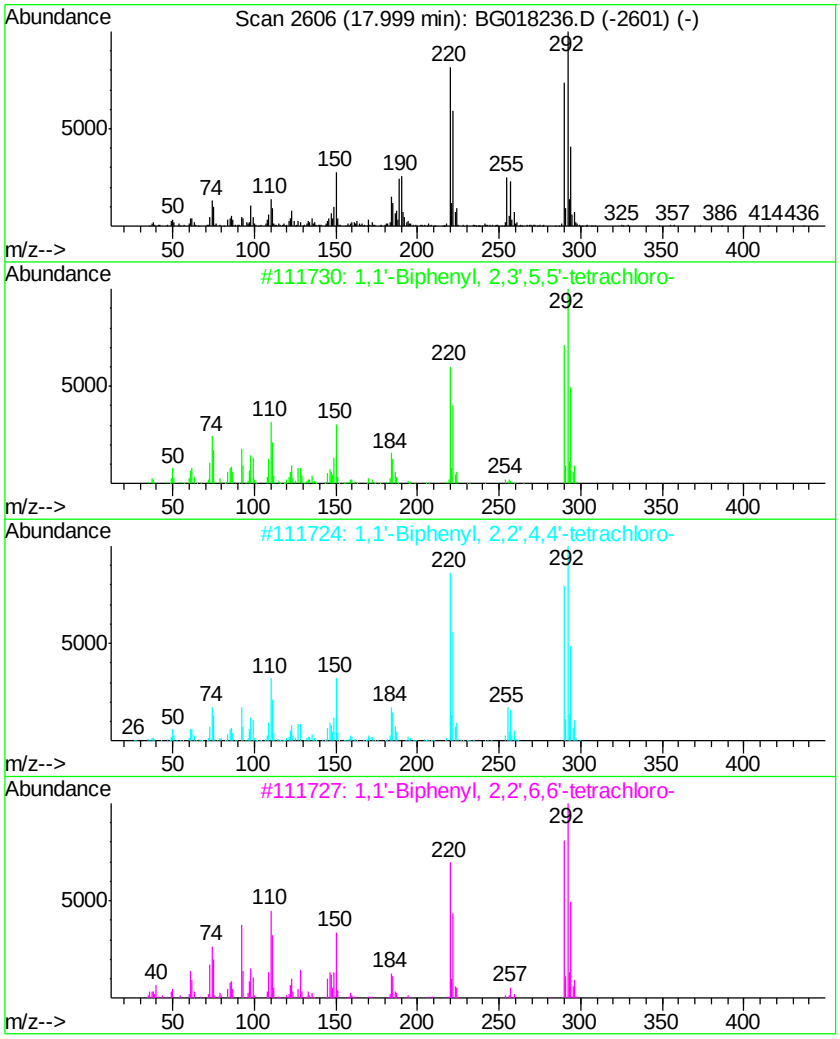
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

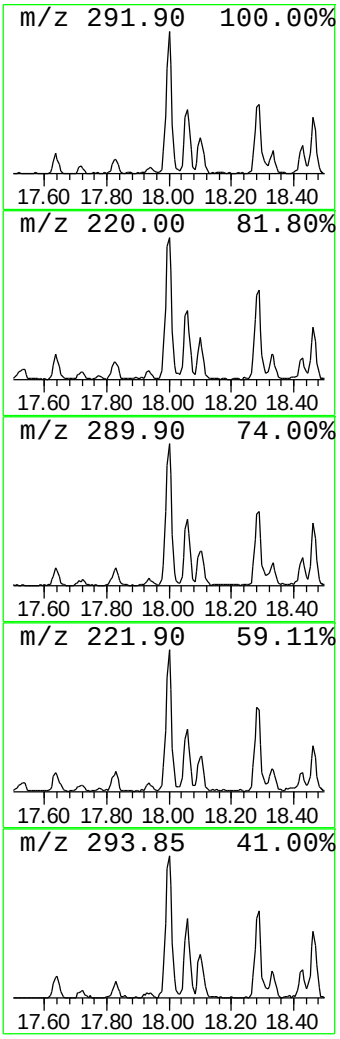
****

Peak Number 9 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.19 ng/ul	681663	Phenanthrene-d10	16.92

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, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	97
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95





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Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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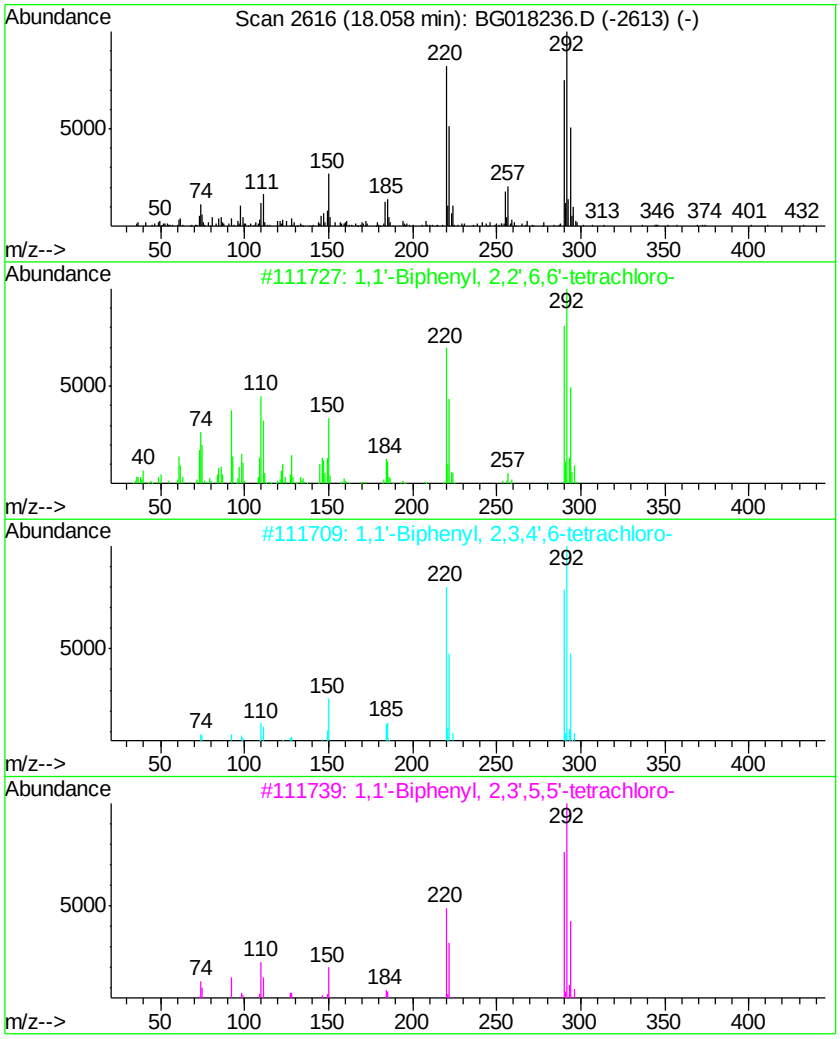
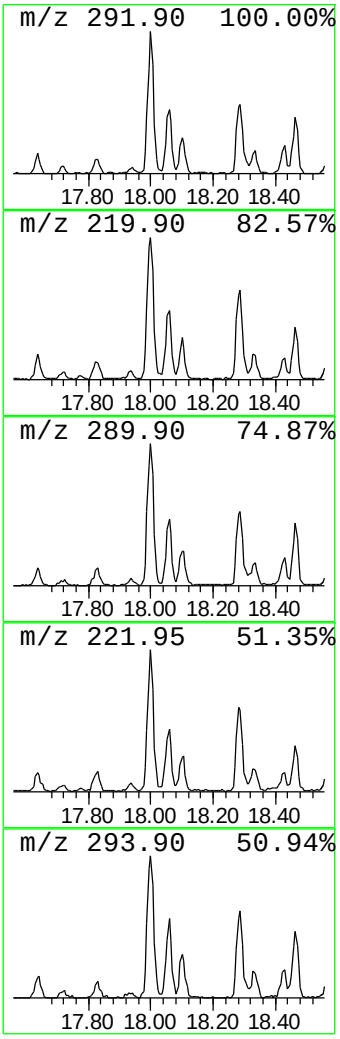
Peak Number 10 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.45 ng/ul	210520	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95





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Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

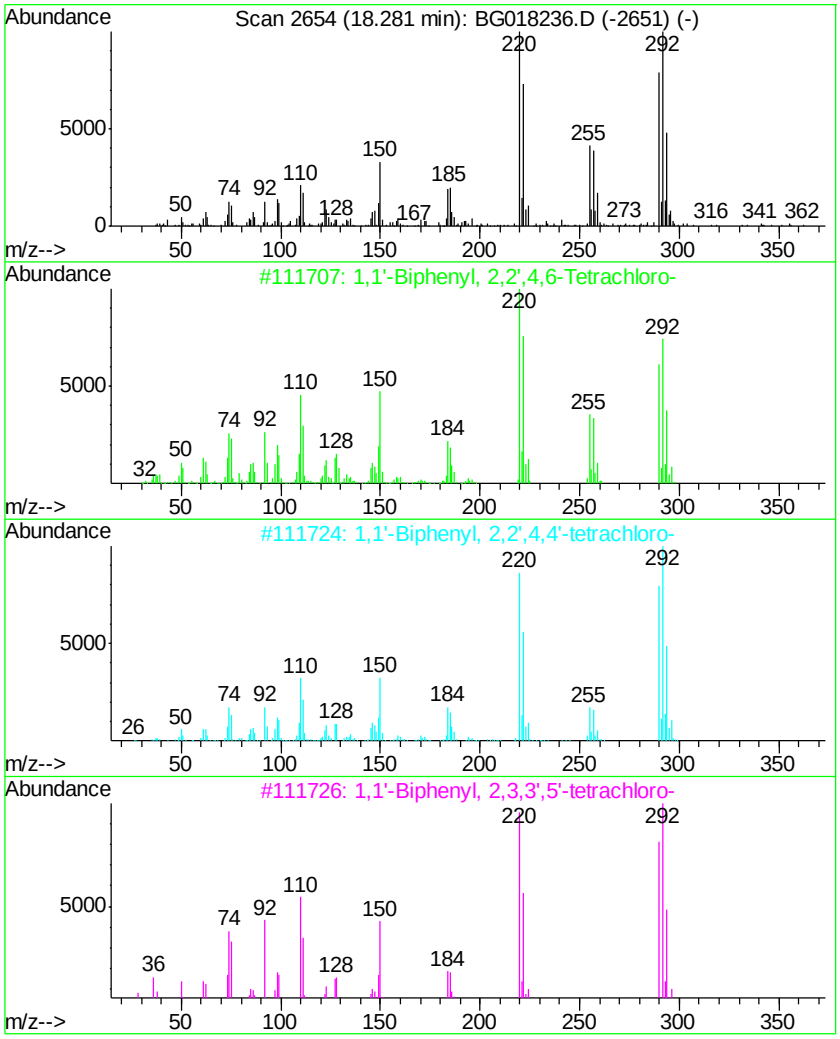
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

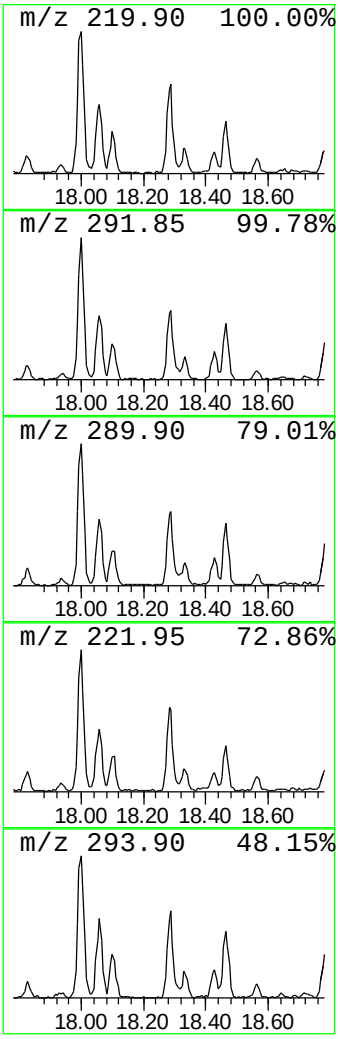
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.21 ng/ul	378599	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

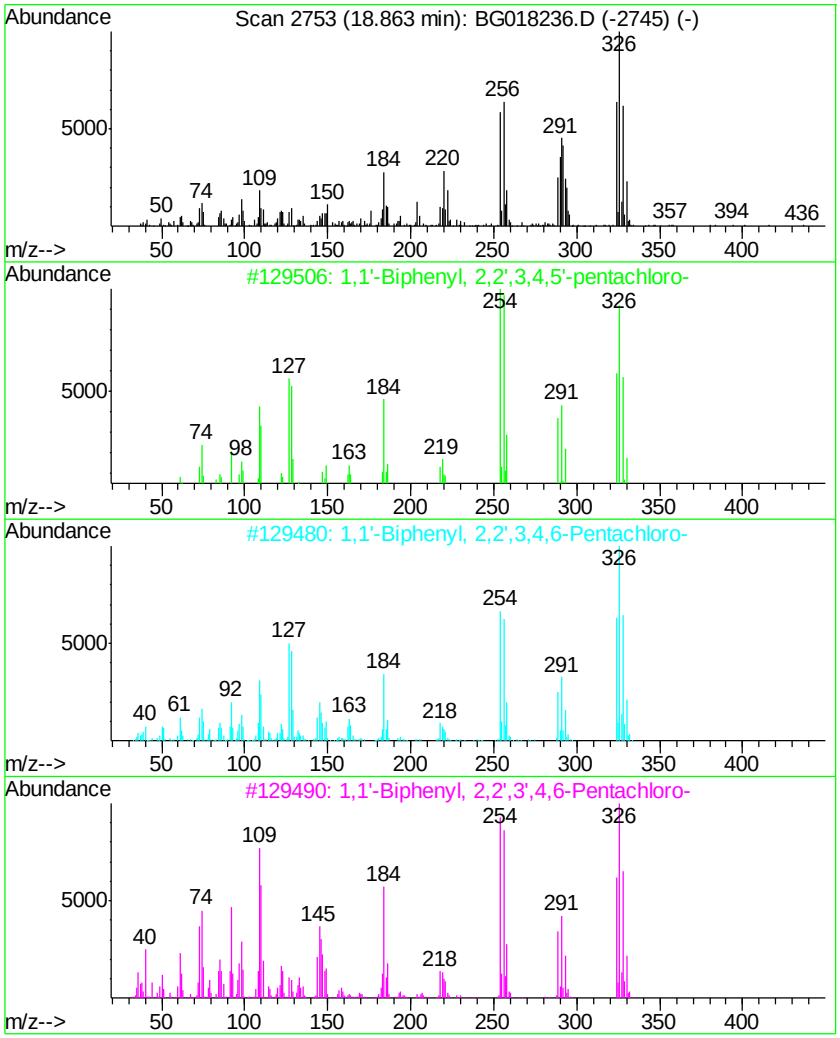
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

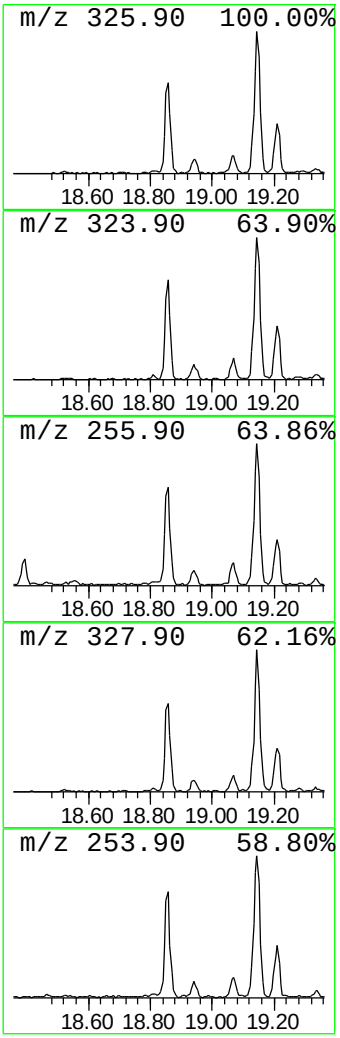
****

Peak Number 13 1,1'-Biphenyl, 2,2',3,4,5'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	16.53 ng/ul	1007490	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	96
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

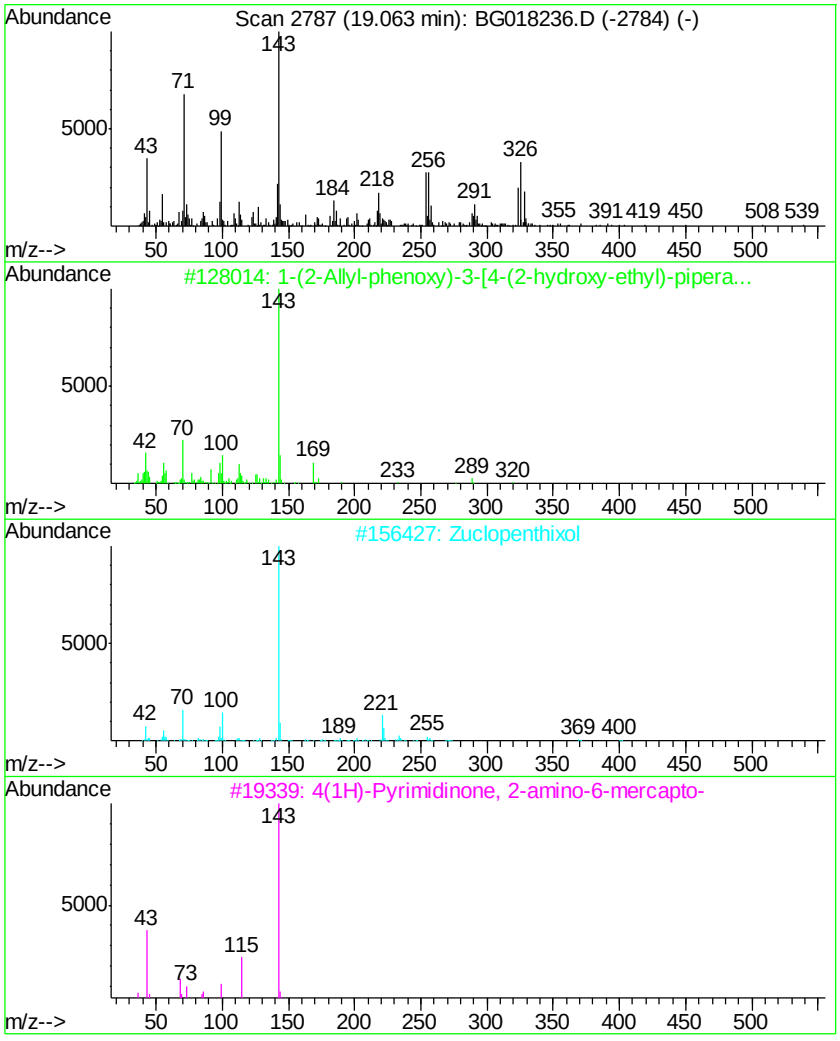
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

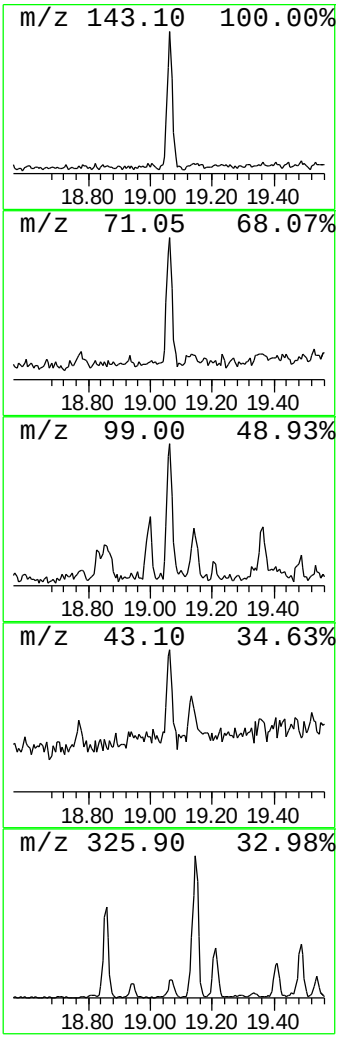
****

Peak Number 14 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	12.07 ng/ul	343748	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Allyl-phenoxy)-3-[4-(2-hydr...	320	C18H28N2O3	1000294-38-7	22
2	Zuclopenthixol	400	C22H25ClN2OS	053772-83-1	22
3	4(1H)-Pyrimidinone, 2-amino-6-me...	143	C4H5N3OS	006973-81-5	22
4	1-Methyl-1-(2-tridecyl)oxy-1-sil...	298	C18H38OSi	1000245-40-6	16
5	2-Pyrimidinamine, 4-chloro-6-met...	143	C5H6ClN3	005600-21-5	14





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Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

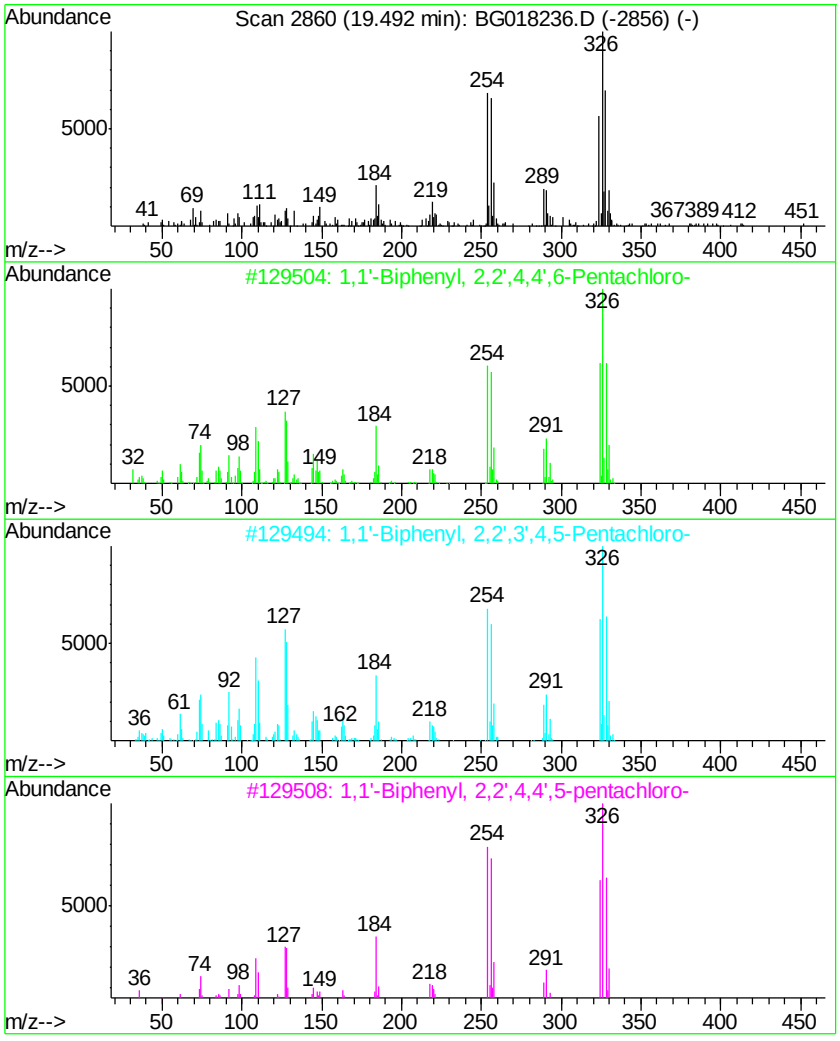
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

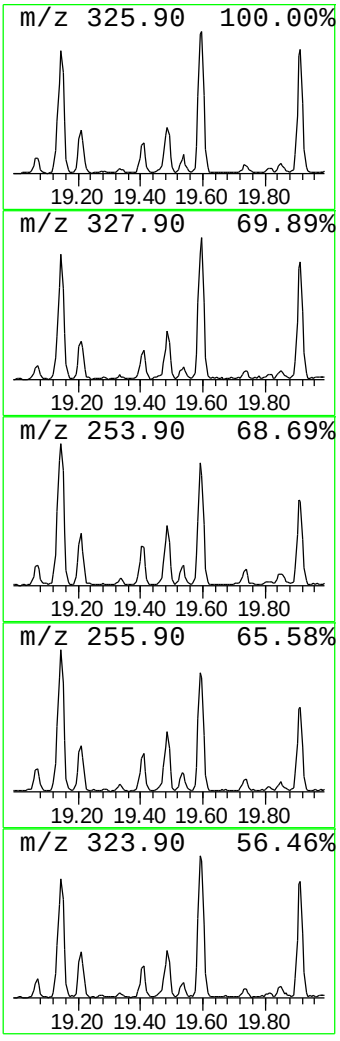
****

Peak Number 17 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	8.91 ng/ul	253840	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	97
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

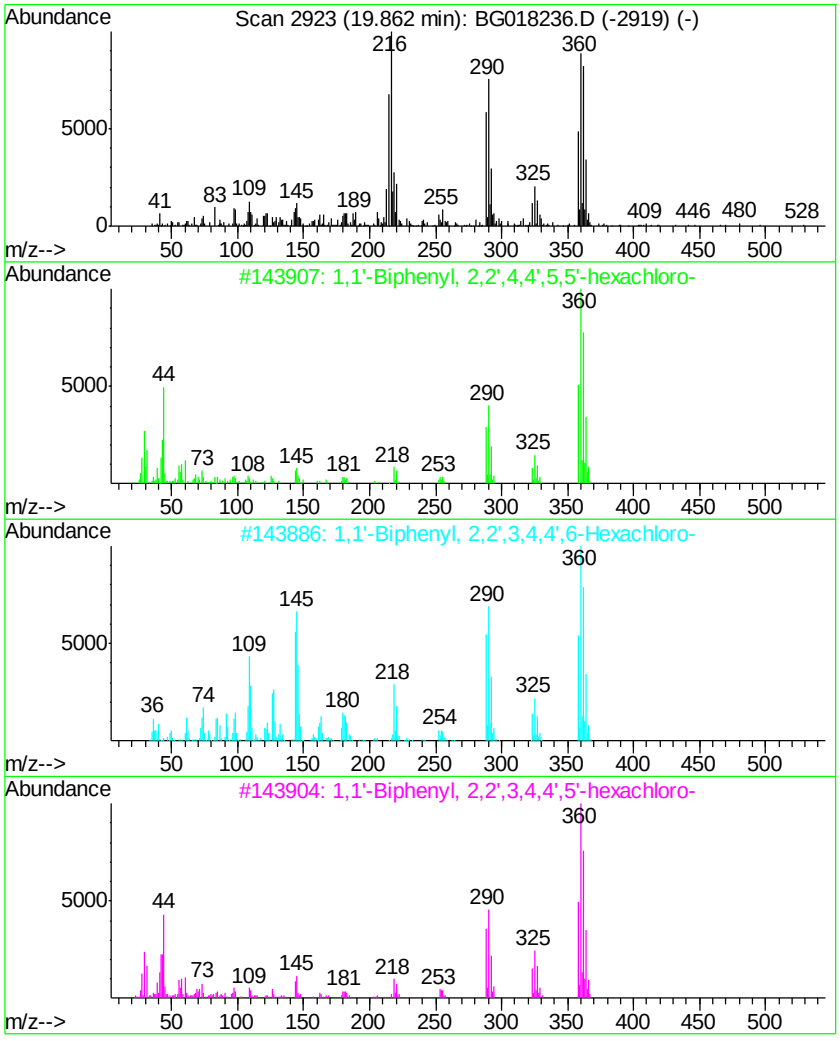
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

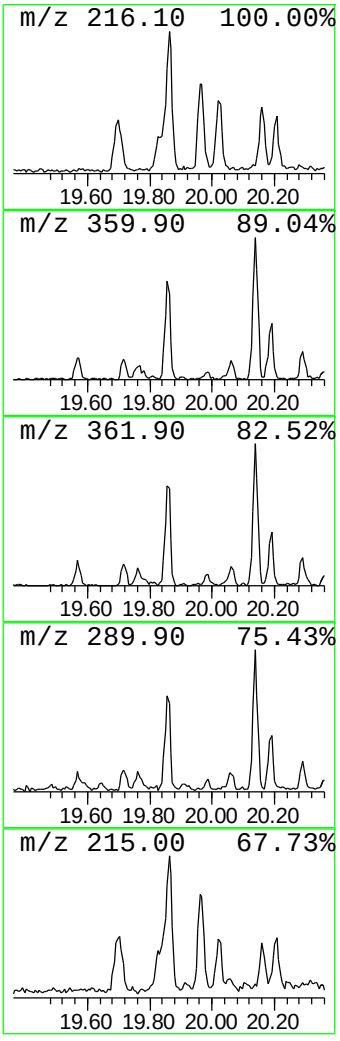
****

Peak Number 19 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	15.90 ng/ul	452823	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	94
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	93
5	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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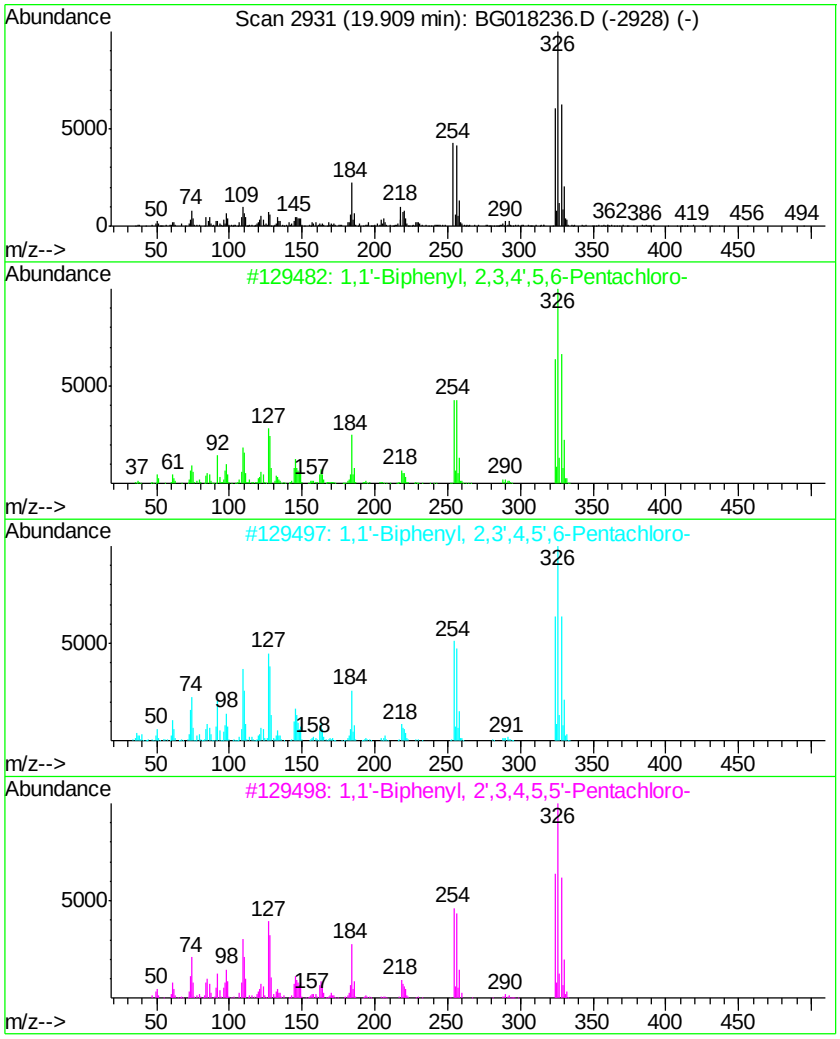
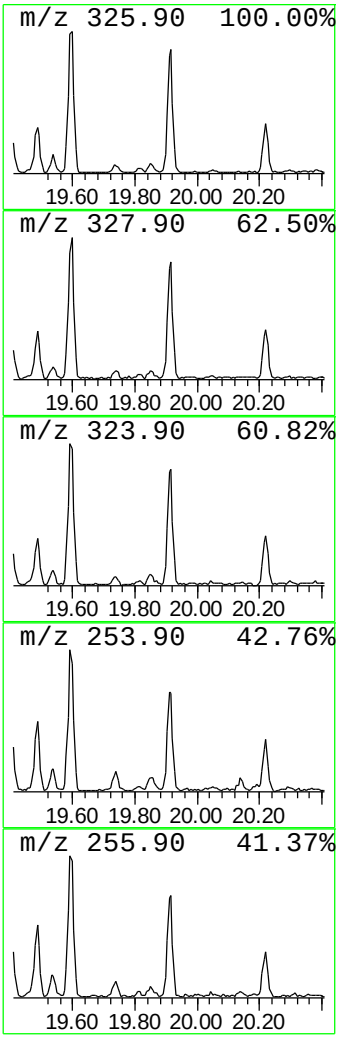
Peak Number 20 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	18.04 ng/ul	513720	Chrysene-d12	21.14

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',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
4	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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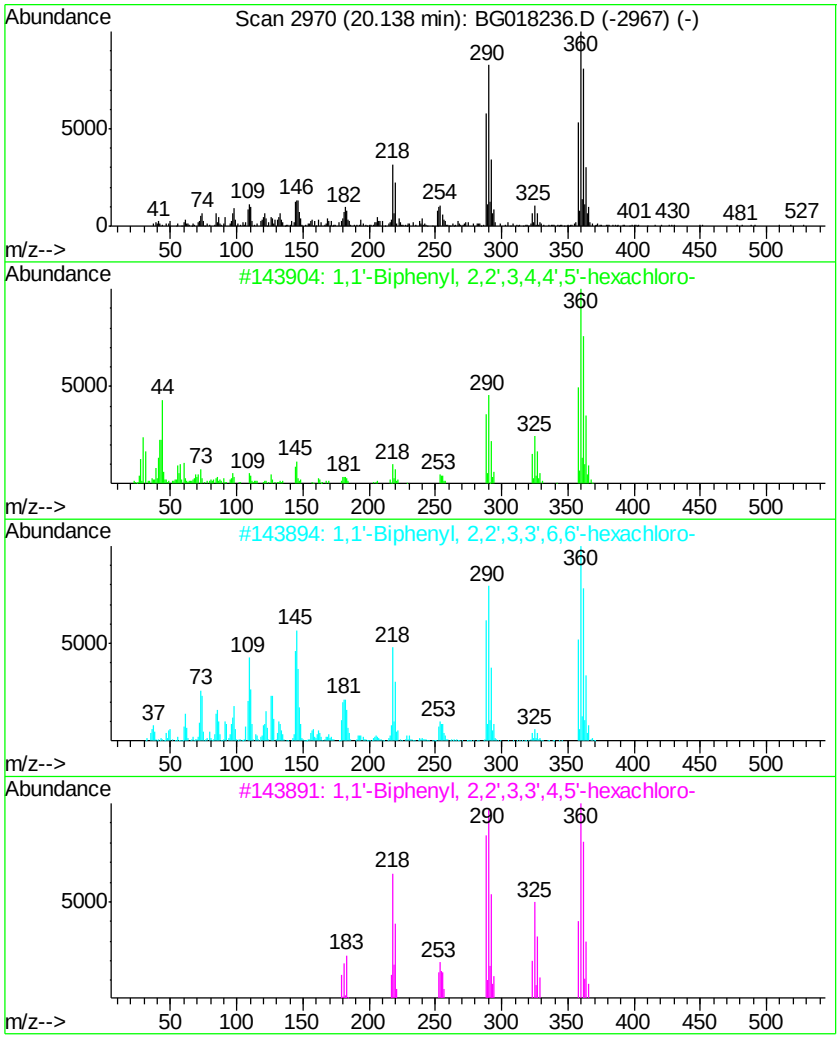
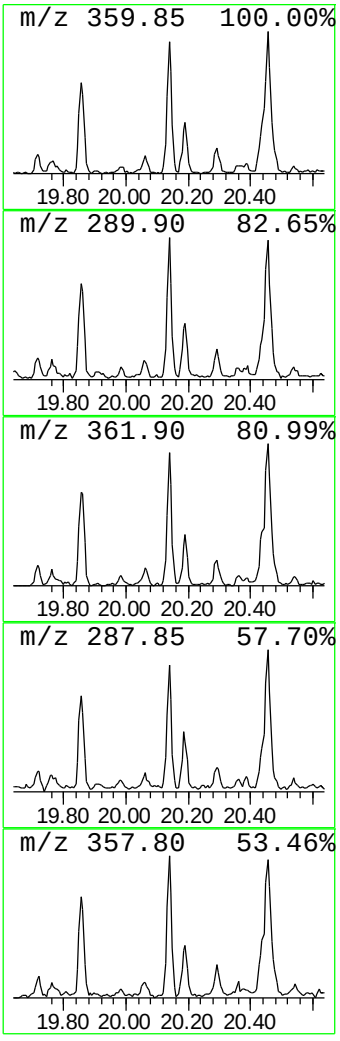
Peak Number 21 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	12.25 ng/ul	349001	Chrysene-d12	21.14

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	97
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	95
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	95
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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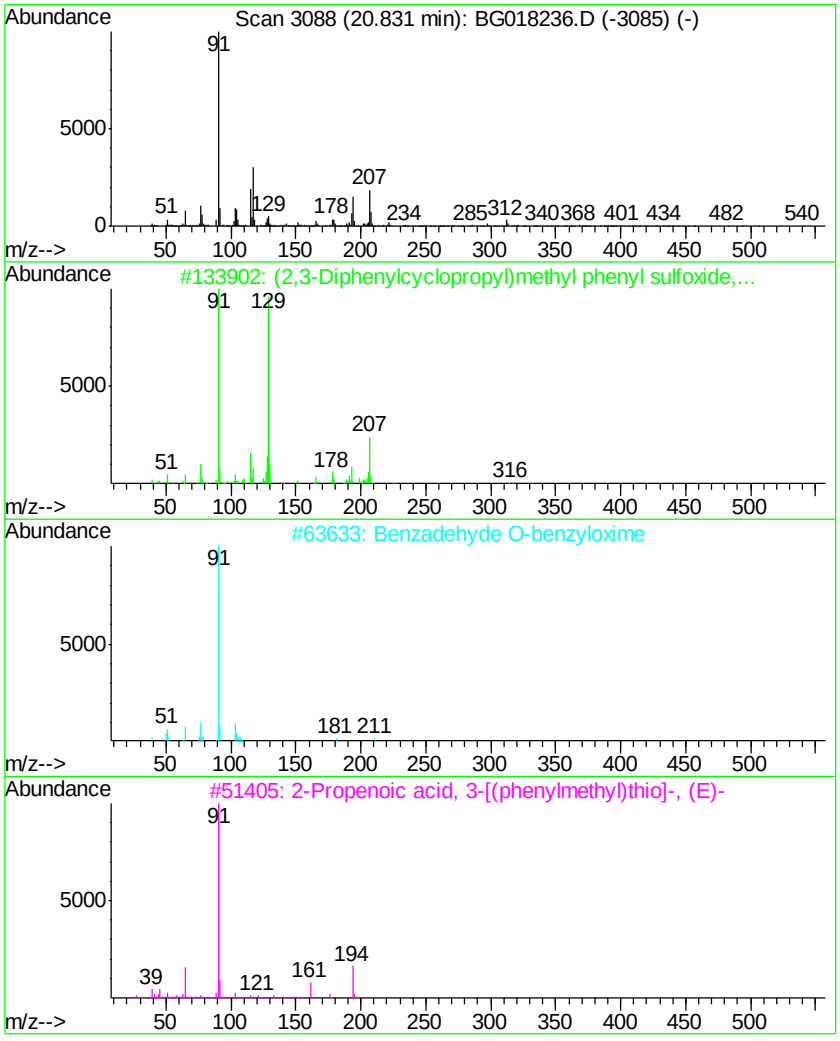
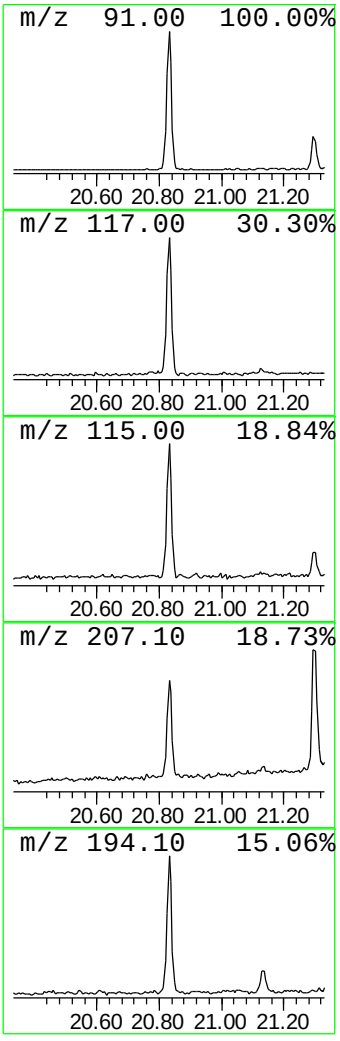
Peak Number 22 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	27.86 ng/ul	793517	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	43
2	Benzadehyde O-benzyloxime	211	C14H13NO	1000144-83-7	27
3	2-Propenoic acid, 3-[(phenylmeth...	194	C10H10O2S	013831-01-1	25
4	1-Benzylamino-6-benzyloxyhexane	297	C20H27NO	060058-25-5	22
5	Butanamide, 3-hydroxy-3-methyl-N...	223	C12H17NO3	1000185-71-6	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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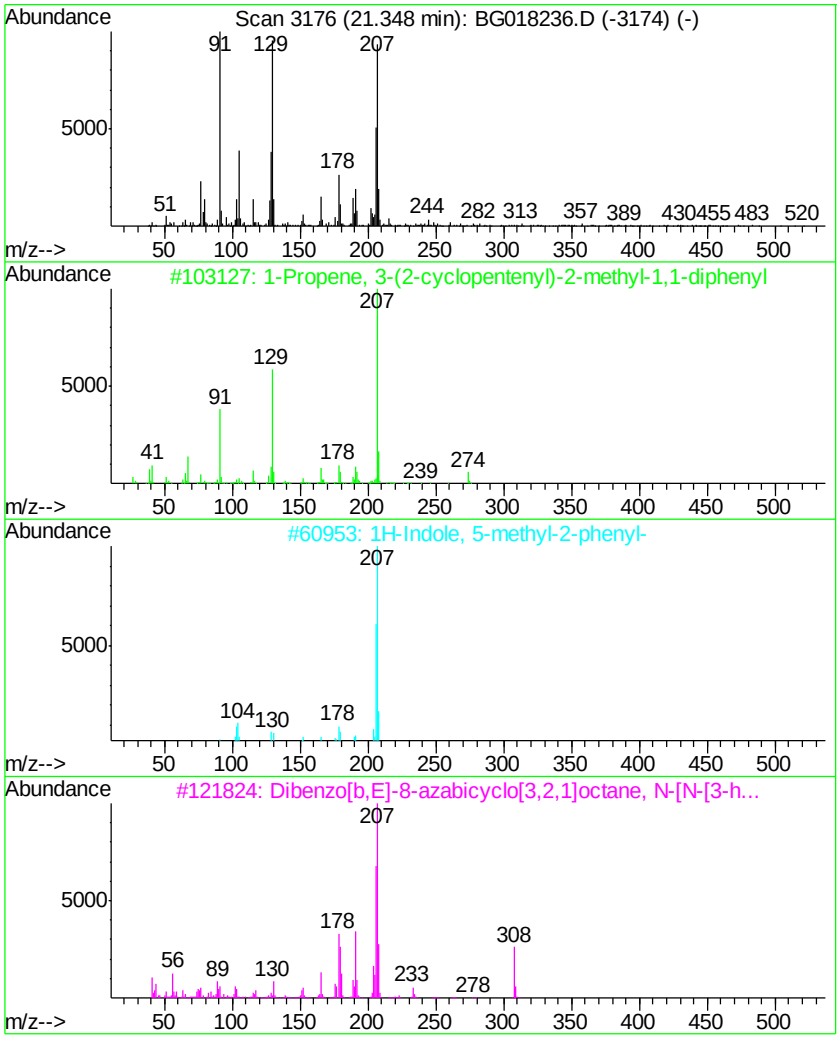
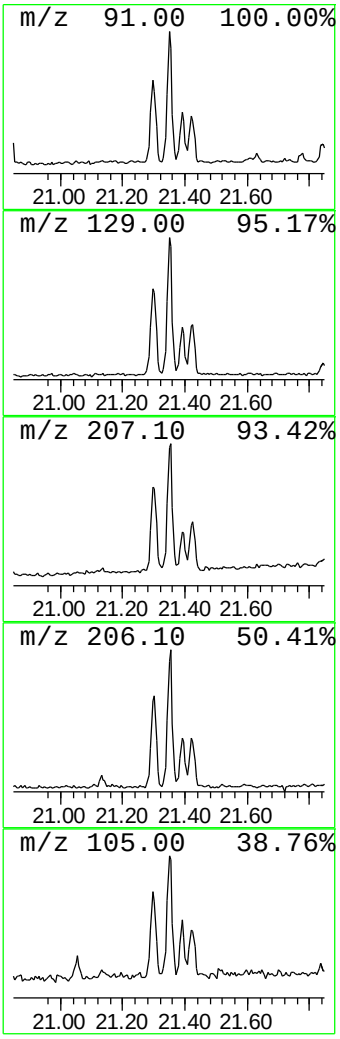
Peak Number 23 1-Propene, 3-(2-cyclopenten... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	20.07 ng/ul	571724	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	53
2	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	50
3	Dibenzo[b,E]-8-azabicyclo[3,2,1]...	308	C19H20N2O2	1000129-09-9	38
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	38
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
1,3,5,7-Cycloocta...	5.48	2.3	ng/ul	75998	1	7.48	656096	20.0
unknown-01	16.27	2.8	ng/ul	169158	4	16.92	1218890	20.0
Tri(2-chloroethyl...	16.44	24.5	ng/ul	1495130	4	16.92	1218890	20.0
Benzene, 1,1'-(1,...	16.52	2.0	ng/ul	124400	4	16.92	1218890	20.0
2-Propanol, 1-chl...	16.69	5.4	ng/ul	330345	4	16.92	1218890	20.0
1,1'-Biphenyl, 2,...	16.80	2.8	ng/ul	170849	4	16.92	1218890	20.0
1,1'-Biphenyl, 2,...	17.53	10.2	ng/ul	619559	4	16.92	1218890	20.0
1,1'-Biphenyl, 2,...	18.00	11.2	ng/ul	681663	4	16.92	1218890	20.0
1,1'-Biphenyl, 2,...	18.06	3.5	ng/ul	210520	4	16.92	1218890	20.0
1,1'-Biphenyl, 2,...	18.28	6.2	ng/ul	378599	4	16.92	1218890	20.0
1,1'-Biphenyl, 2,...	18.86	16.5	ng/ul	1007490	4	16.92	1218890	20.0
unknown-02	19.06	12.1	ng/ul	343748	5	21.14	569691	20.0
1,1'-Biphenyl, 2,...	19.49	8.9	ng/ul	253840	5	21.14	569691	20.0
1,1'-Biphenyl, 2,...	19.86	15.9	ng/ul	452823	5	21.14	569691	20.0
1,1'-Biphenyl, 2,...	19.91	18.0	ng/ul	513720	5	21.14	569691	20.0
1,1'-Biphenyl, 2,...	20.14	12.3	ng/ul	349001	5	21.14	569691	20.0
unknown-03	20.83	27.9	ng/ul	793517	5	21.14	569691	20.0
1-Propene, 3-(2-c...	21.35	20.1	ng/ul	571724	5	21.14	569691	20.0