LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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	2.981	46	50	51	rBV3	4370	5814	0.70%	0.035%
2	3.704	170	173	177	rVB3	3974	5318	0.64%	0.032%
3	5.008	387	395	401	rBV	42941	61299	7.37%	0.370%
4	5.137	410	417	427	rBV3	8157	19375	2.33%	0.117%
5	5.484	471	476	483	rVB4	20731	41816	5.02%	0.253%
6	5.978	555	560	566	rVB4	5615	10385	1.25%	0.063%
7	6.577	659	662	666	rVB3	4556	6247	0.75%	0.038%
8	6.636	668	672	675	rVV3	9497	13765	1.65%	0.083%
9	6.683	675	680	690	rVB	169424	288621	34.68%	1.744%
10	6.829	697	705	710	rBV	127653	187556	22.54%	1.133%
11	6.871	710	712	717	rVV3	6441	7851	0.94%	0.047%
12	7.023	732	738	746	rVV	184521	285079	34.26%	1.723%
13	7.135	748	757	762	rVB3	14651	28663	3.44%	0.173%
14	7.488	810	817	825	rBV	231574	366059	43.99%	2.212%
15	7.558	825	829	833	rVV4	6219	8900	1.07%	0.054%
16	7.593	833	835	840	rVB2	6736	7747	0.93%	0.047%
17	8.034	903	910	913	rVB6	5632	12566	1.51%	0.076%
18	8.122	921	925	928	rBV2	8851	11045	1.33%	0.067%
19	8.216	934	941	948	rBV	231098	357645	42.97%	2.161%
20	8.310	950	957	961	rVB3	12889	24708	2.97%	0.149%
21	8.486	981	987	992	rVB5	4773	9375	1.13%	0.057%
22	8.592	999	1005	1007	rBV4	11447	17570	2.11%	0.106%
23	8.639	1007	1013	1020	rVV	173085	277542	33.35%	1.677%
24	8.716	1021	1026	1030	rVB5	4105	7412	0.89%	0.045%
25	8.798	1036	1040	1041	rBV2	5308	5102	0.61%	0.031%
26	9.103	1089	1092	1098	rVV3	7098	11429	1.37%	0.069%
27	9.162	1098	1102	1109	rVV2	10132	17297	2.08%	0.105%
28	9.362	1129	1136	1142	rBV	130509	216256	25.99%	1.307%
29	9.479	1150	1156	1160	rBV5	3536	6764	0.81%	0.041%
30	9.667	1185	1188	1195	rVV4	7927	14572	1.75%	0.088%
31	9.738	1195	1200	1205	rVB8	4872	9364	1.13%	0.057%
32	9.902	1222	1228	1236	rVB	240553	400153	48.08%	2.418%
33	9.979	1236	1241	1245	rBV3	2979	5969	0.72%	0.036%
34	10.055	1248	1254	1255	rBV3	5476	6153	0.74%	0.037%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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	10.137	1264	1268	1271	rBV3	3542	5691	0.68%	0.034%
36	10.267	1281	1290	1296	rBV	342482	567716	68.22%	3.431%
37	10.320	1296	1299	1306	rVV	31706	44446	5.34%	0.269%
38	10.414	1309	1315	1328	rVV	134621	264466	31.78%	1.598%
39	11.019	1414	1418	1423	rVB4	14347	20037	2.41%	0.121%
40	11.095	1428	1431	1433	rBV4	4978	6497	0.78%	0.039%
41	11.183	1441	1446	1454	rBV5	10747	23804	2.86%	0.144%
42	11.301	1463	1466	1470	rBV4	3604	5817	0.70%	0.035%
43	11.718	1531	1537	1542	rVB3	4563	7675	0.92%	0.046%
44	11.947	1571	1576	1583	rVB2	18201	31455	3.78%	0.190%
45	12.170	1610	1614	1619	rVB2	12287	19368	2.33%	0.117%
46	12.499	1667	1670	1671	rBV3	4268	5370	0.65%	0.032%
47	12.734	1706	1710	1712	rBV4	10447	15249	1.83%	0.092%
48	12.981	1746	1752	1758	rBV7	8332	19092	2.29%	0.115%
49	13.081	1763	1769	1770	rBV5	4520	6981	0.84%	0.042%
50	13.122	1773	1776	1779	rBV3	4026	5263	0.63%	0.032%
51	13.387	1818	1821	1824	rBV4	4829	5229	0.63%	0.032%
52	13.480	1831	1837	1841	rBV3	17535	28929	3.48%	0.175%
53	13.533	1841	1846	1848	rVV4	4875	8646	1.04%	0.052%
54	13.575	1848	1853	1858	rVV	384348	559484	67.23%	3.381%
55	13.622	1858	1861	1869	rVB	214945	293839	35.31%	1.776%
56	13.851	1894	1900	1906	rBV	410191	609001	73.18%	3.680%
57	13.986	1919	1923	1926	rBV7	4718	6687	0.80%	0.040%
58	14.074	1934	1938	1940	rBV4	12564	16423	1.97%	0.099%
59	14.162	1947	1953	1960	rBV2	471311	728426	87.53%	4.402%
60	14.227	1961	1964	1970	rVB3	23189	37960	4.56%	0.229%
61	14.409	1989	1995	2001	rVB	125782	193014	23.19%	1.166%
62	14.567	2014	2022	2025	rBV2	14703	30788	3.70%	0.186%
63	14.697	2039	2044	2048	rBV8	11016	17865	2.15%	0.108%
64	14.938	2081	2085	2086	rBV3	6923	10171	1.22%	0.061%
65	15.032	2098	2101	2105	rVB5	16987	20825	2.50%	0.126%
66	15.161	2117	2123	2129	rBV	486136	661659	79.51%	3.999%
67	15.214	2129	2132	2136	rVB3	20424	25082	3.01%	0.152%
68	15.308	2144	2148	2150	rBV4	10006	14596	1.75%	0.088%
69	15.895	2246	2248	2252	rBV4	19068	26399	3.17%	0.160%
70	16.271	2308	2312	2316	rVB	69806	89231	10.72%	0.539%
71	16.442	2335	2341	2347	rBV	617850	832218	100.00%	5.029%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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	16.530	2352	2356	2360	rVB	59226	76131	9.15%	0.460%
73	16.689	2380	2383	2388	rVB	144174	175903	21.14%	1.063%
74	16.800	2398	2402	2406	rBV	72189	90077	10.82%	0.544%
75	16.918	2417	2422	2426	rBV	474196	656949	78.94%	3.970%
76	16.959	2426	2429	2434	rVB	190628	241392	29.01%	1.459%
77	17.018	2434	2439	2443	rBV2	400891	546534	65.67%	3.303%
78	17.100	2449	2453	2460	rVB2	77617	123631	14.86%	0.747%
79	17.529	2520	2526	2530	rVB	195161	331160	39.79%	2.001%
80	17.770	2565	2567	2570	rBV2	41907	53069	6.38%	0.321%
81	17.834	2575	2578	2585	rVB3	112265	177500	21.33%	1.073%
82	17.999	2601	2606	2612	rBV2	273263	389190	46.77%	2.352%
83	18.057	2613	2616	2619	rVB	110515	121139	14.56%	0.732%
84	18.281	2651	2654	2660	rBV2	146217	221954	26.67%	1.341%
85	18.463	2682	2685	2689	rVB2	97327	116198	13.96%	0.702%
86	18.827	2744	2747	2749	rBV2	121466	161662	19.43%	0.977%
87	18.857	2749	2752	2759	rVB2	258102	430039	51.67%	2.599%
88	18.992	2771	2775	2780	rBV	364749	468271	56.27%	2.830%
89	19.062	2784	2787	2792	rVV4	131052	202110	24.29%	1.221%
90	19.144	2796	2801	2806	rVB	361162	537222	64.55%	3.247%
91	19.203	2809	2811	2815	rVB2	104592	126033	15.14%	0.762%
92	19.327	2828	2832	2835	rBV2	427154	615913	74.01%	3.722%
93	19.485	2856	2859	2863	rVB	138204	161595	19.42%	0.977%
94	19.591	2874	2877	2884	rVB2	359640	436945	52.50%	2.641%
95	19.855	2919	2922	2927	rVB2	229664	268886	32.31%	1.625%
96	19.908	2928	2931	2936	rVB	286685	322763	38.78%	1.951%
97	20.137	2967	2970	2975	rVB2	181052	204976	24.63%	1.239%
98	20.831	3085	3088	3092	rBV	447125	440696	52.95%	2.663%
99	21.054	3123	3126	3129	rBV	343822	348883	41.92%	2.108%
100	21.348	3173	3176	3180	rBV	403700	479700	57.64%	2.899%

Sum of corrected areas: 16547337

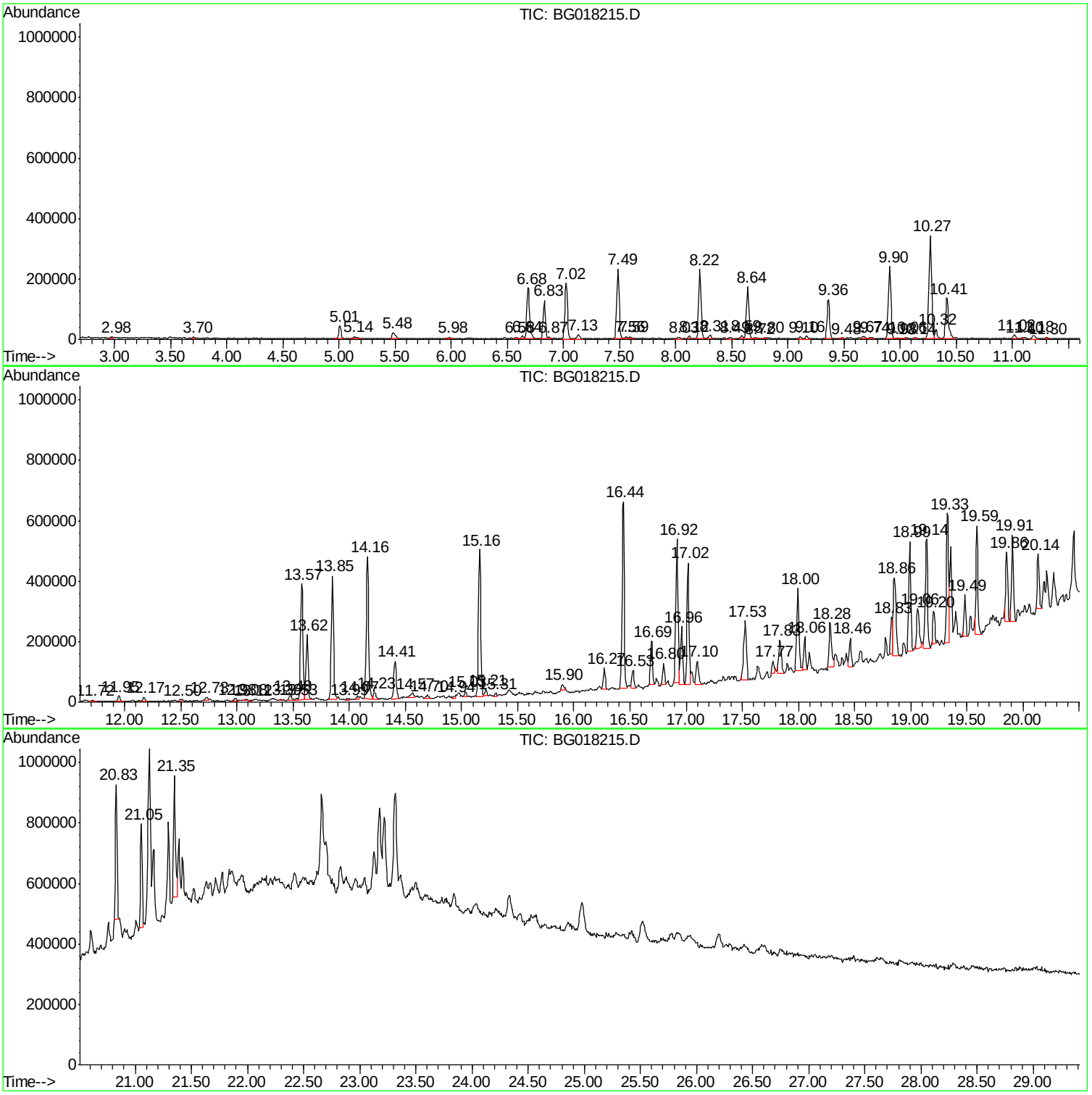
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

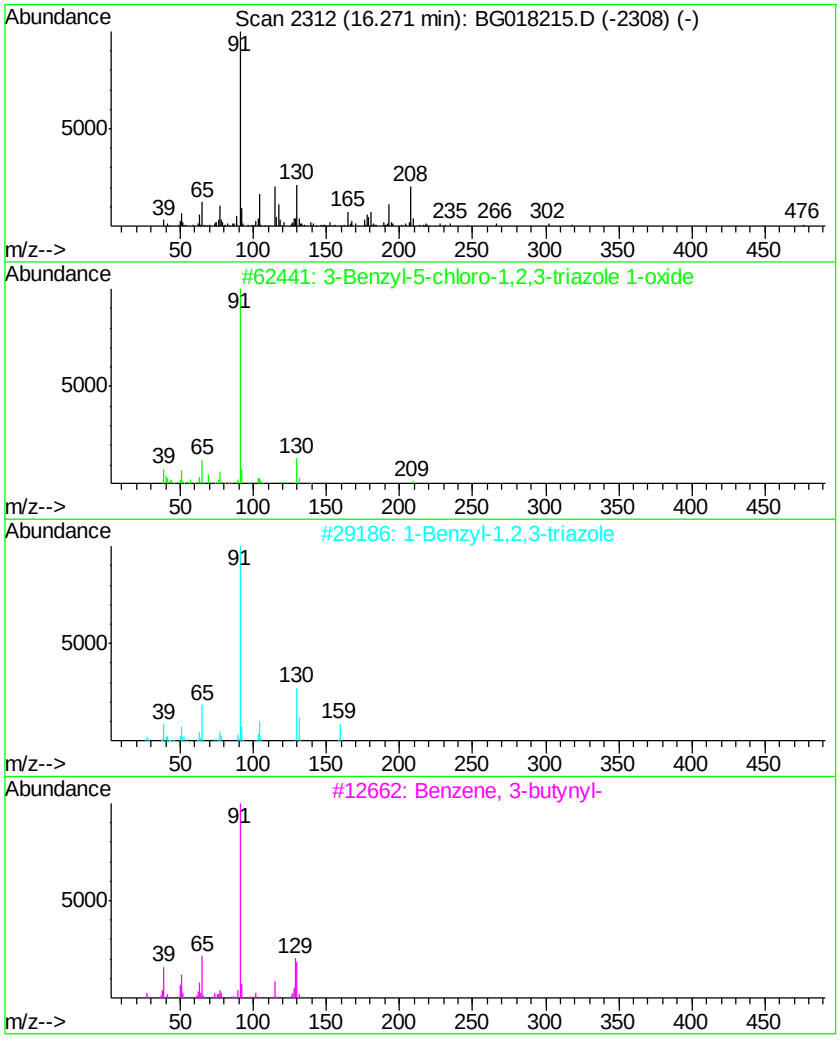
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

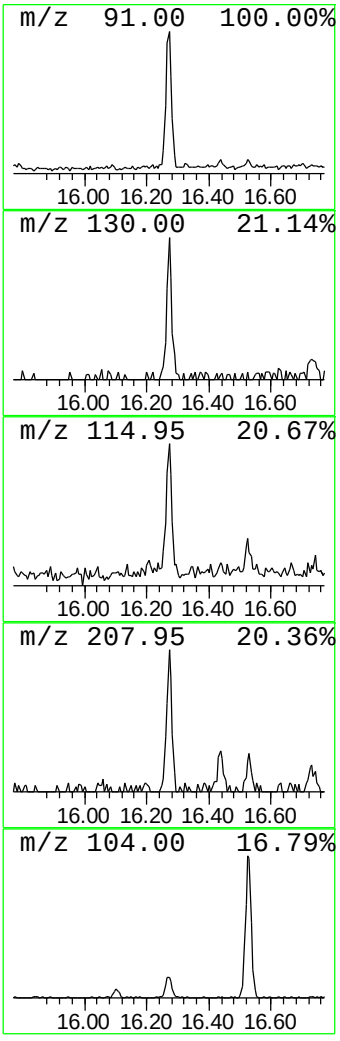
****

Peak Number 3 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.72 ng/ul	89231	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	22
2	1-Benzyl-1,2,3-triazole	159	C9H9N3	004368-68-7	16
3	Benzene, 3-butynyl-	130	C10H10	016520-62-0	12
4	3-Benzyl-4-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-63-9	11
5	Butanoic acid, 3-methyl-, phenyl...	192	C12H16O2	000103-38-8	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

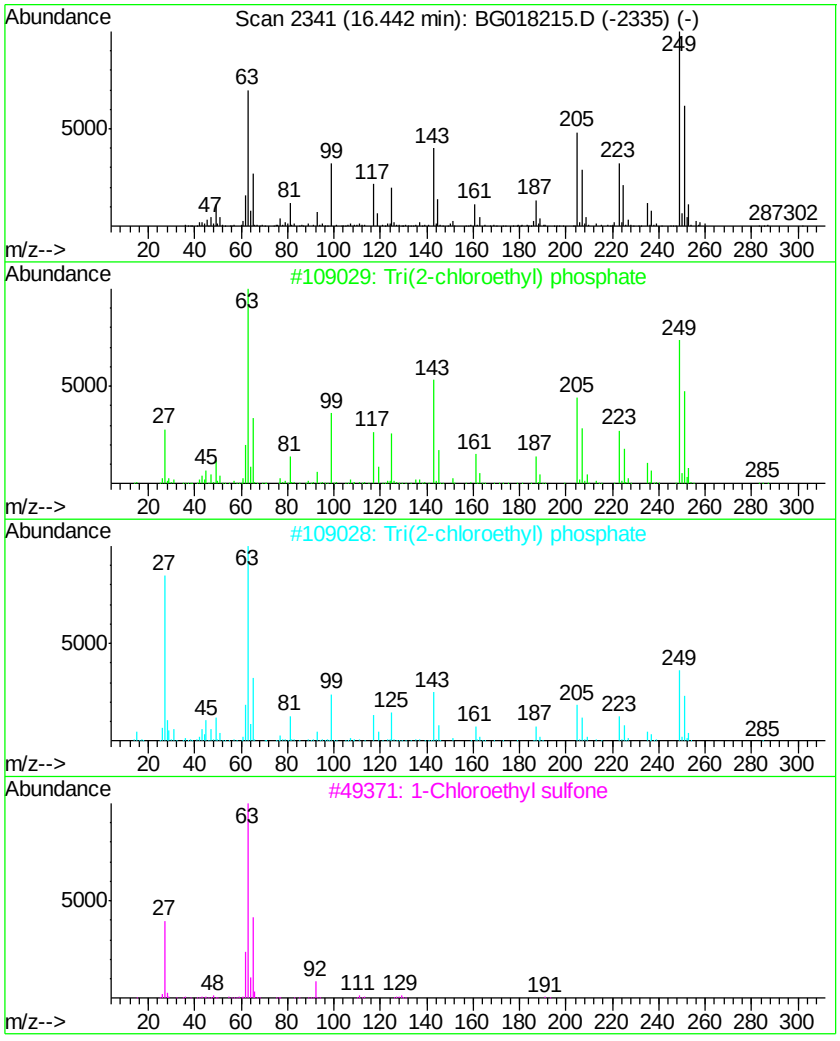
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

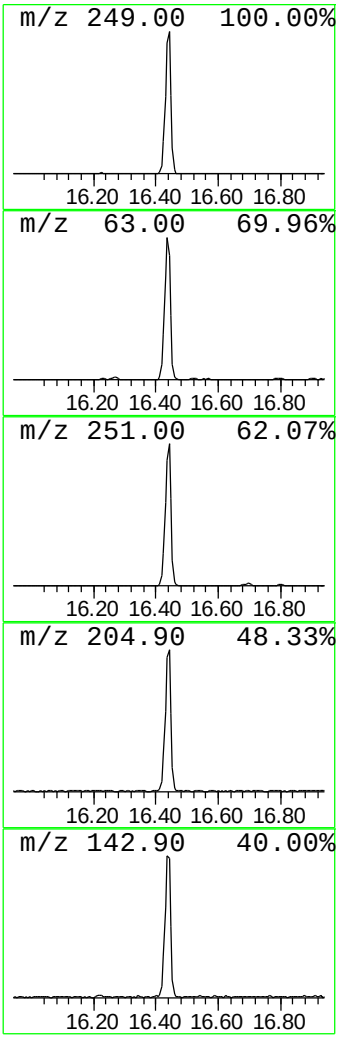
****

Peak Number 4 Tri(2-chloroethyl) phosphate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	25.34 ng/ul	832218	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	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	27
4	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	27
5	Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

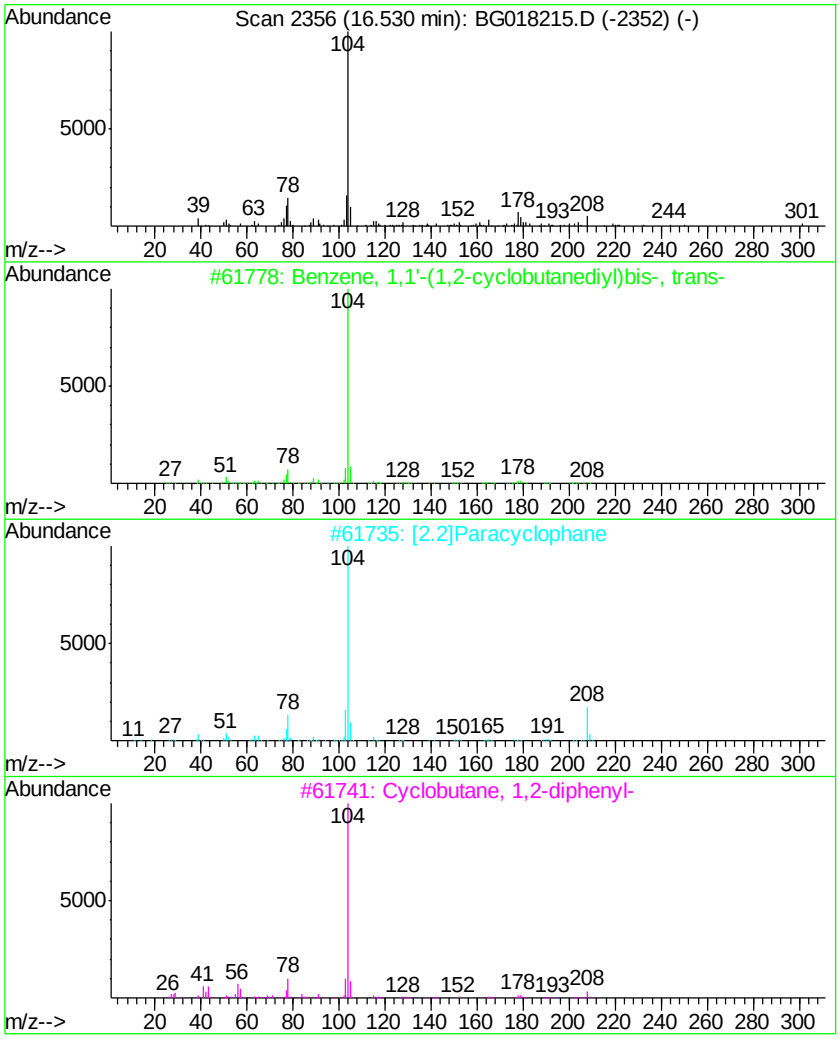
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

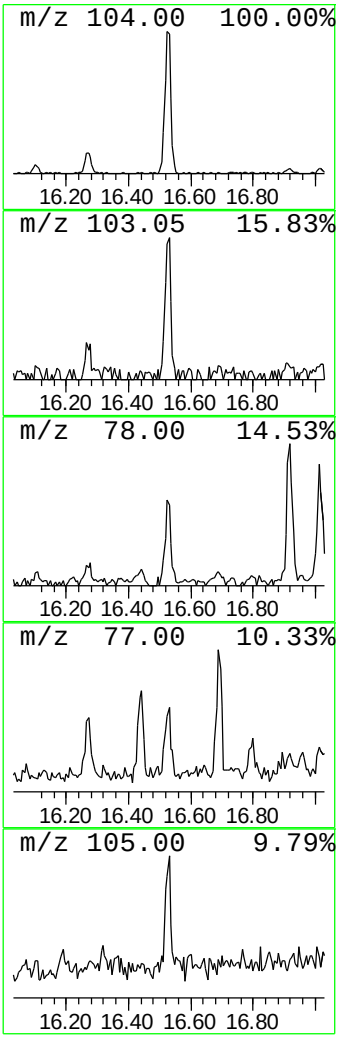
****

Peak Number 5 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.32 ng/ul	76131	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	90
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	74
3	Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	72
4	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	72
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

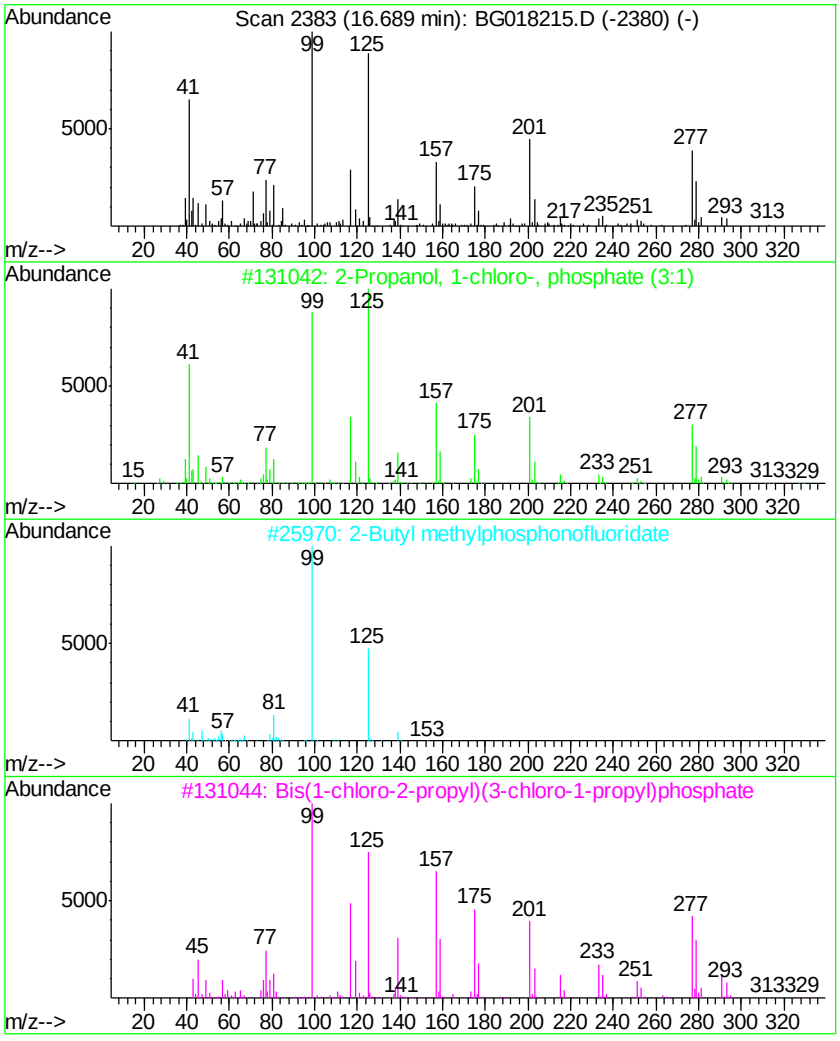
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

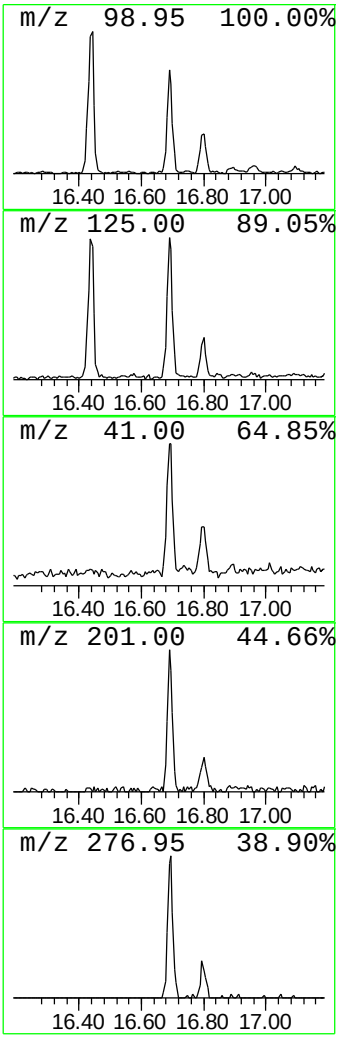
****

Peak Number 6 2-Propanol, 1-chloro-, phos... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	5.36 ng/ul	175903	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	70
2	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	35
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	22
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	22
5	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	18





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

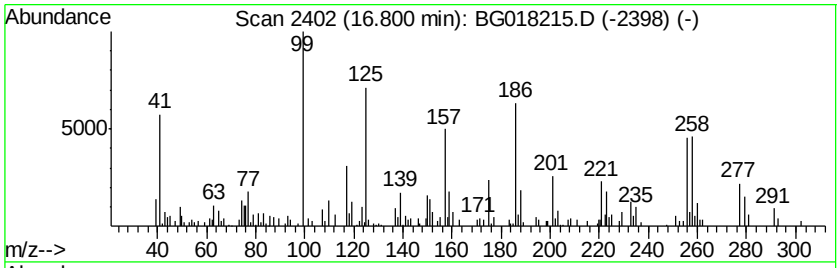
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

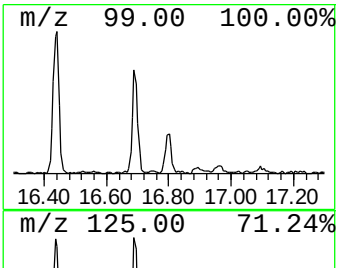
****

Peak Number 7 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.74 ng/ul	90077	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	55
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	52
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	42
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	42
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

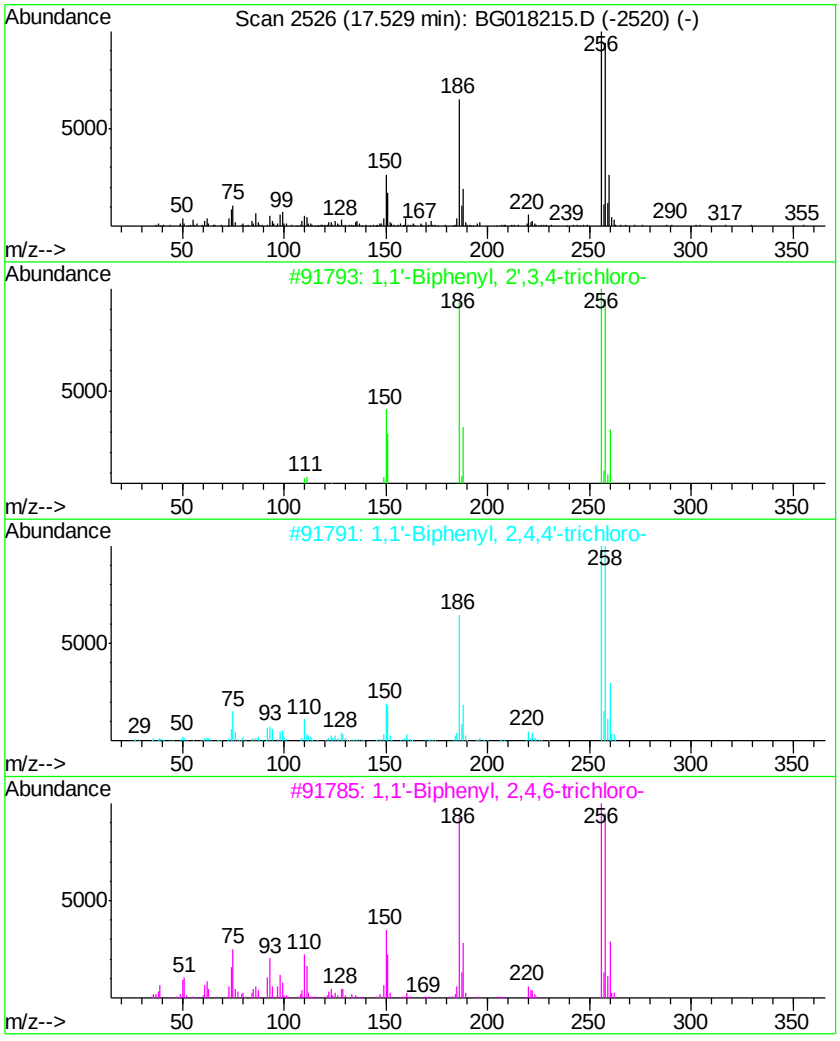
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

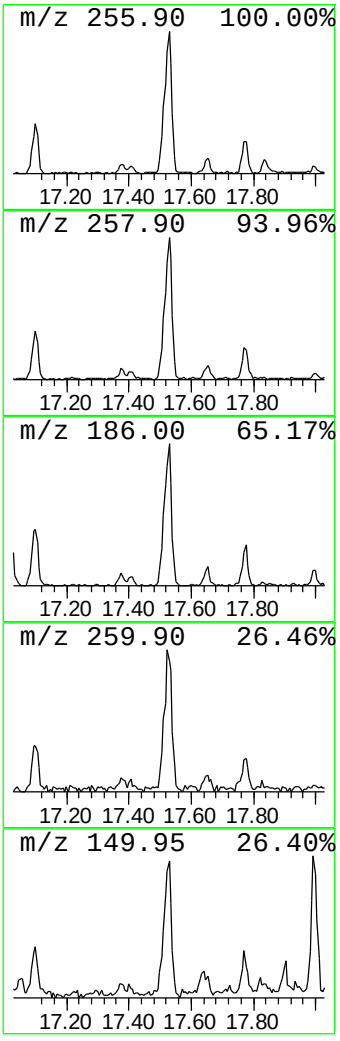
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	10.08 ng/ul	331160	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

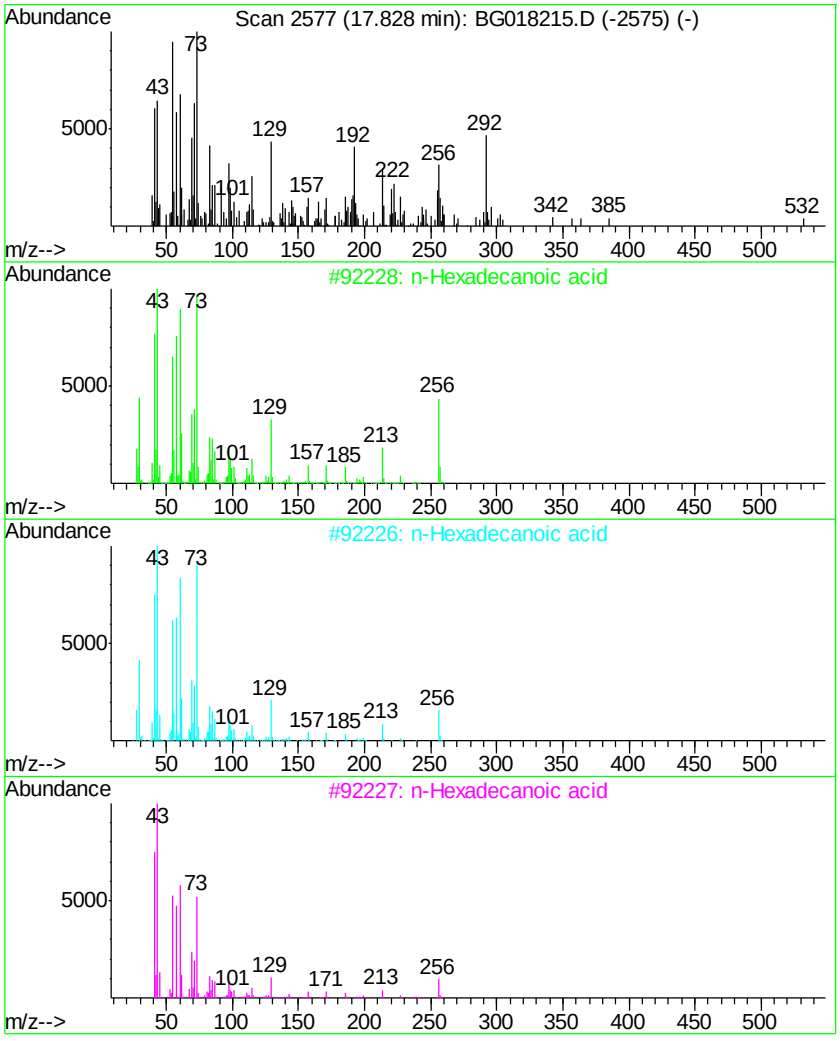
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

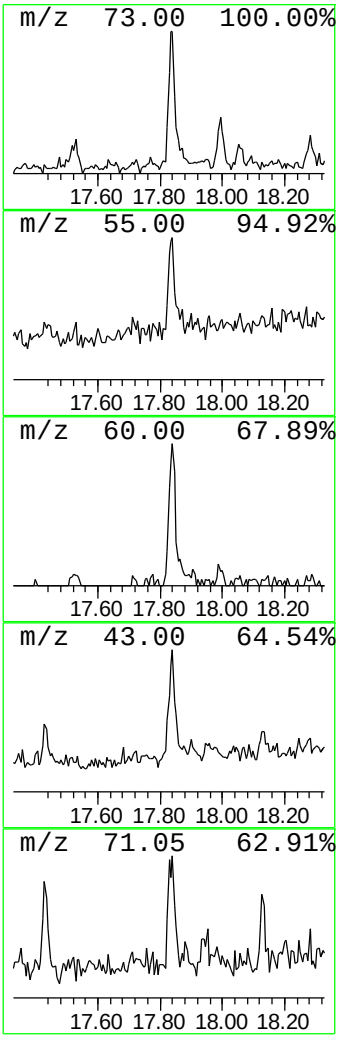
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	5.40 ng/ul	177500	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	44
4	Dodecanoic acid	200	C12H24O2	000143-07-7	35
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

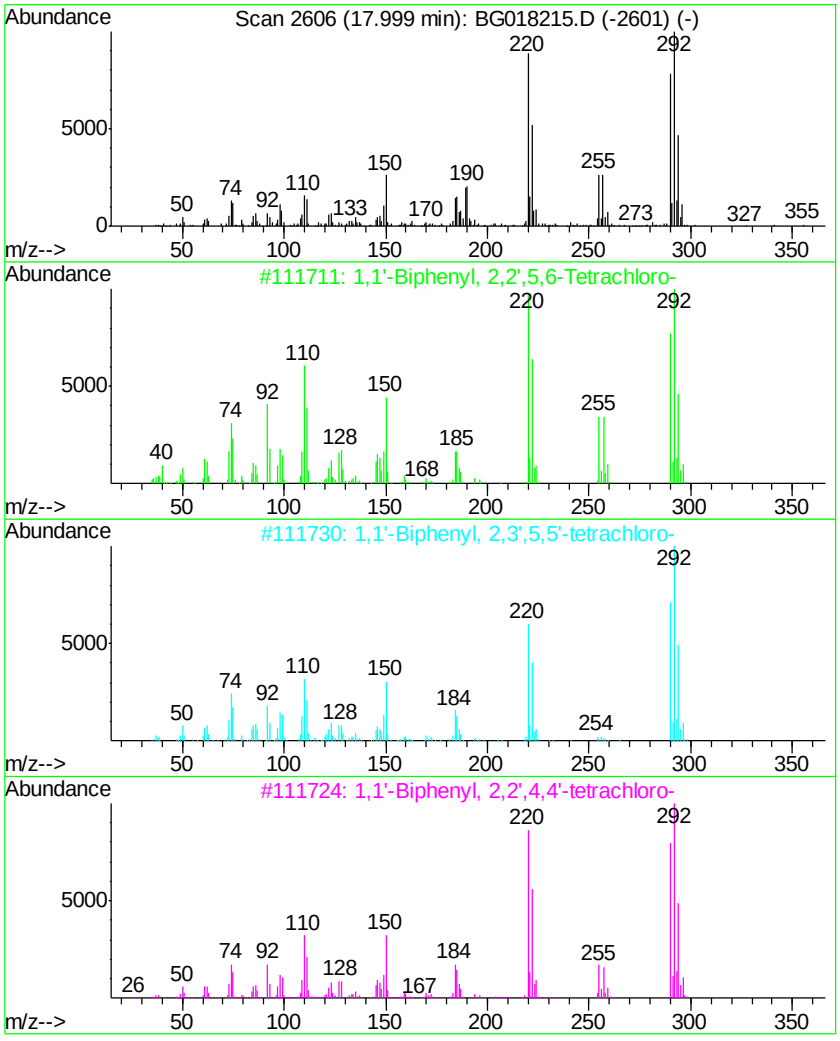
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

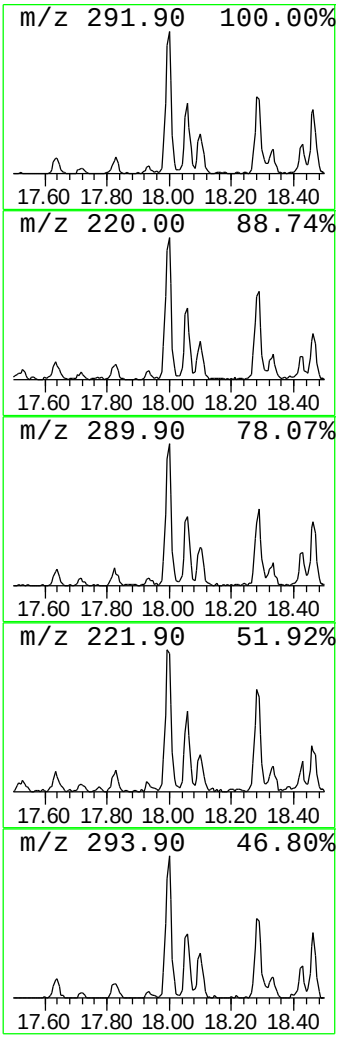
****

Peak Number 10 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.85 ng/ul	389190	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

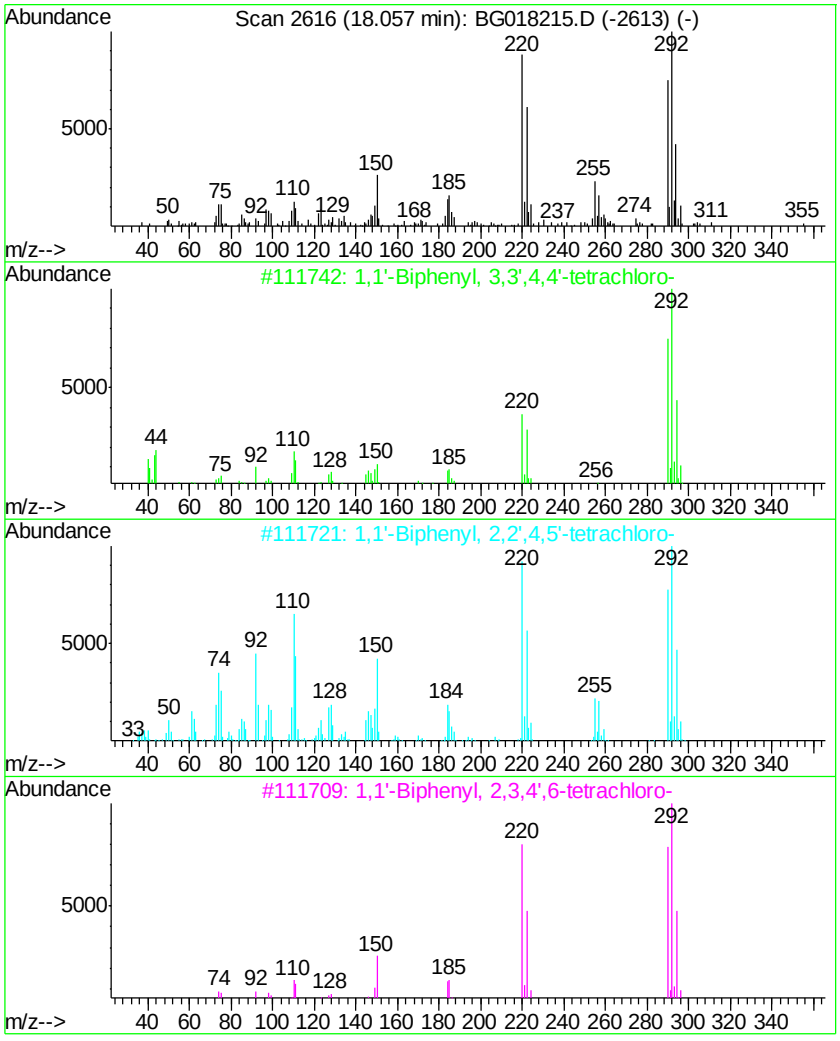
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

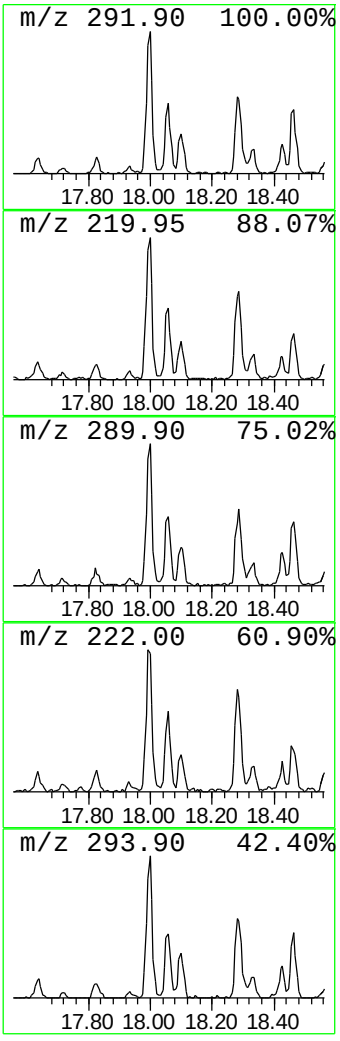
****

Peak Number 11 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.69 ng/ul	121139	Phenanthrene-d10	16.92

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, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

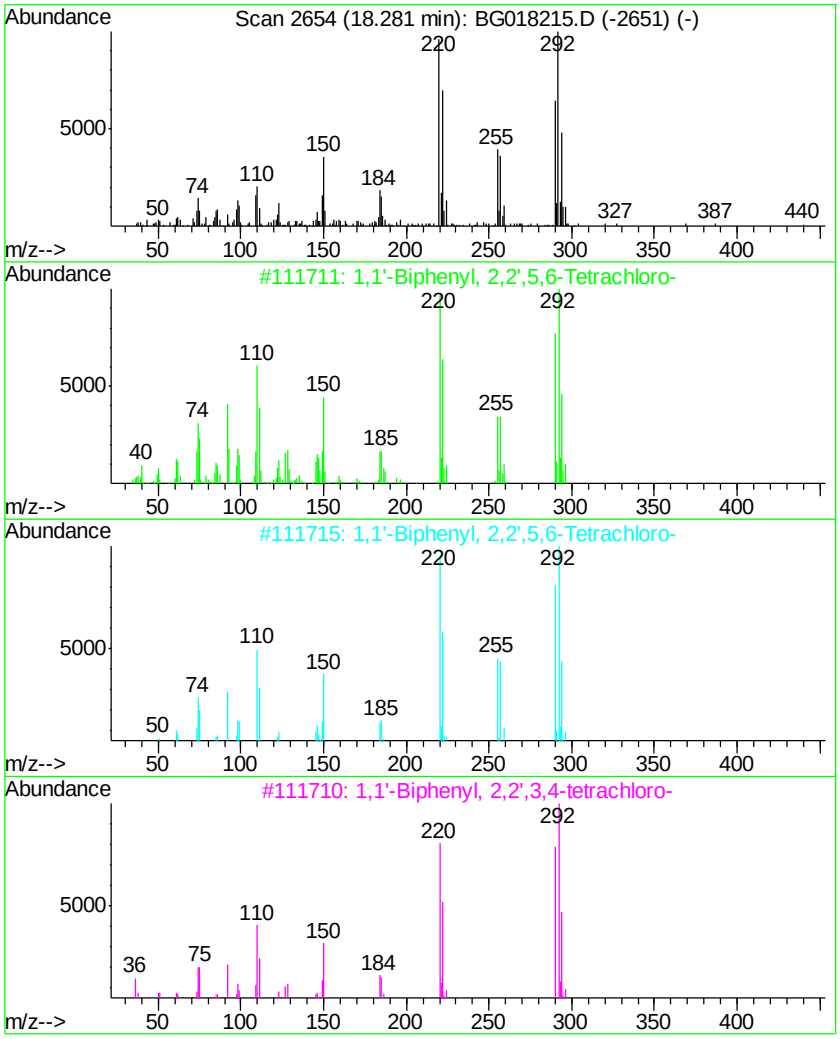
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

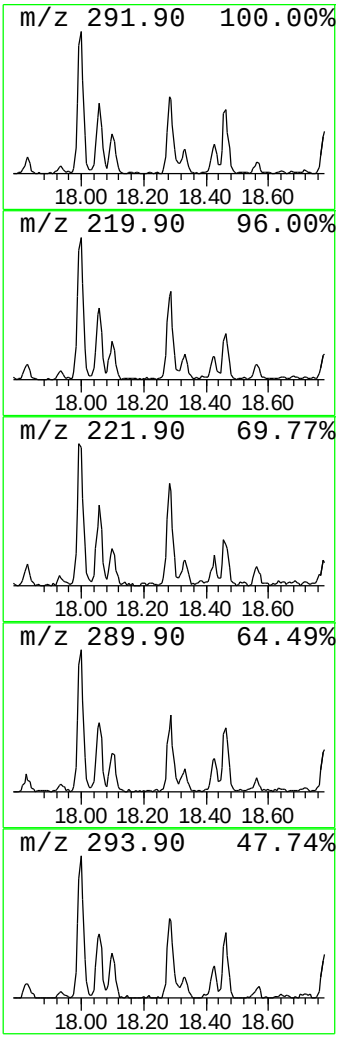
****

Peak Number 12 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.76 ng/ul	221954	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	97
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	94
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	94
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

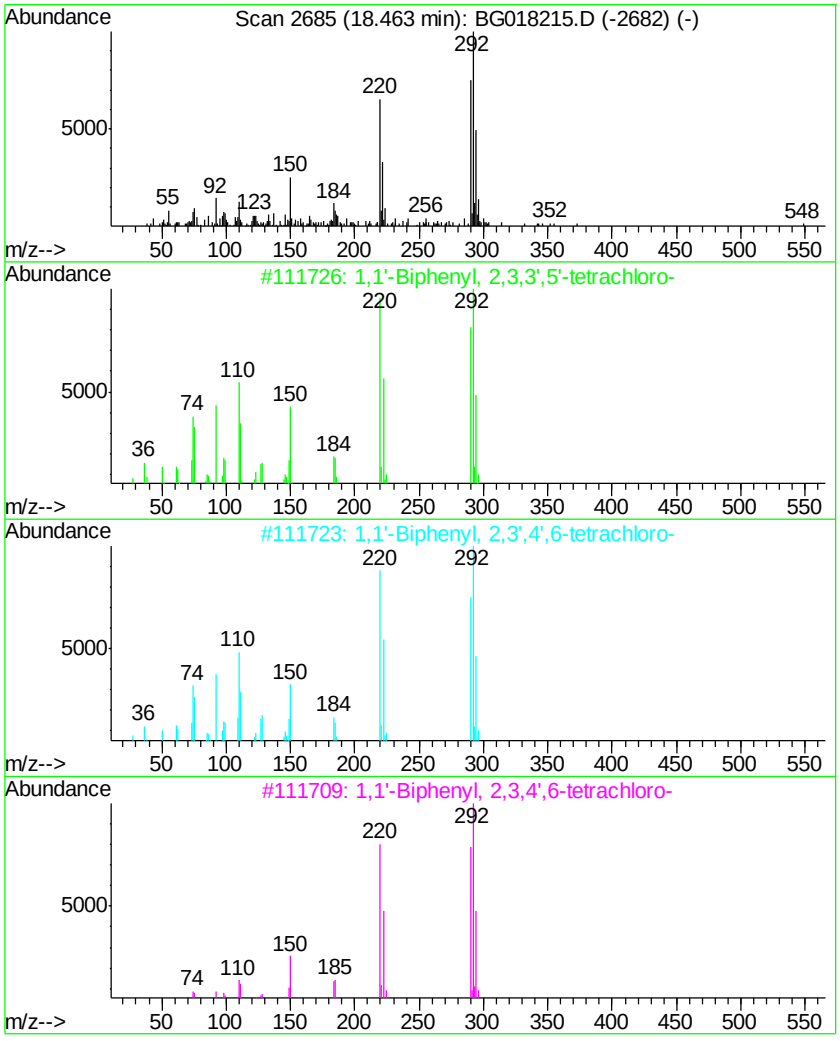
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

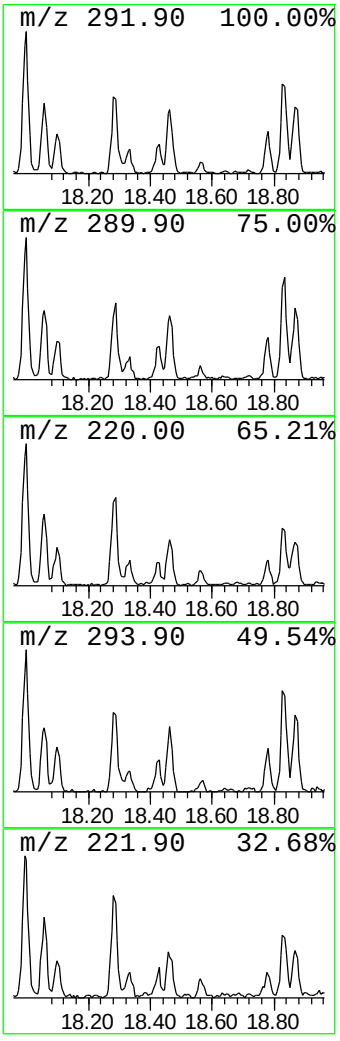
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.54 ng/ul	116198	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	96
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	96
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

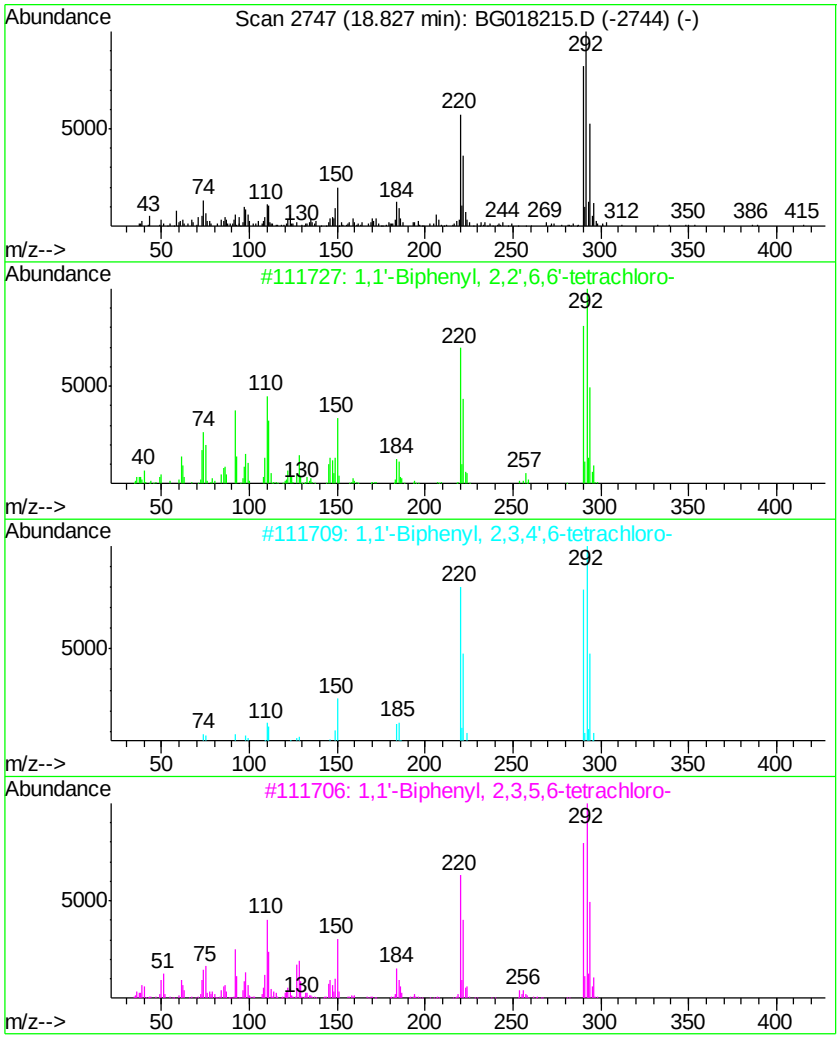
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

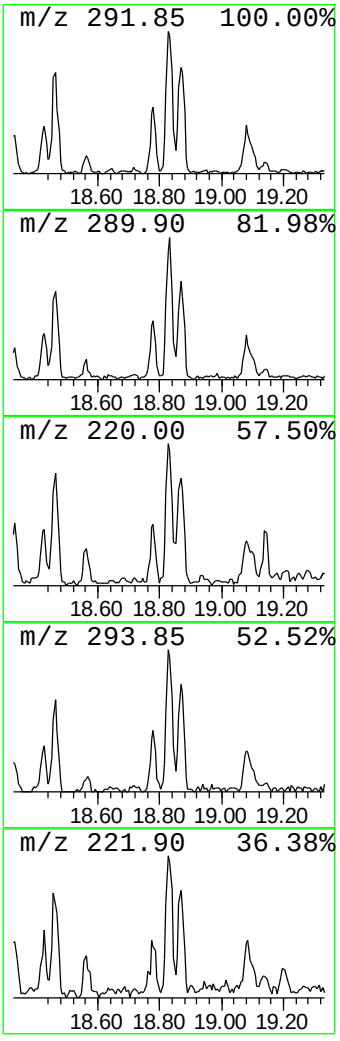
****

Peak Number 14 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	4.92 ng/ul	161662	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	96
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
3	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	95
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

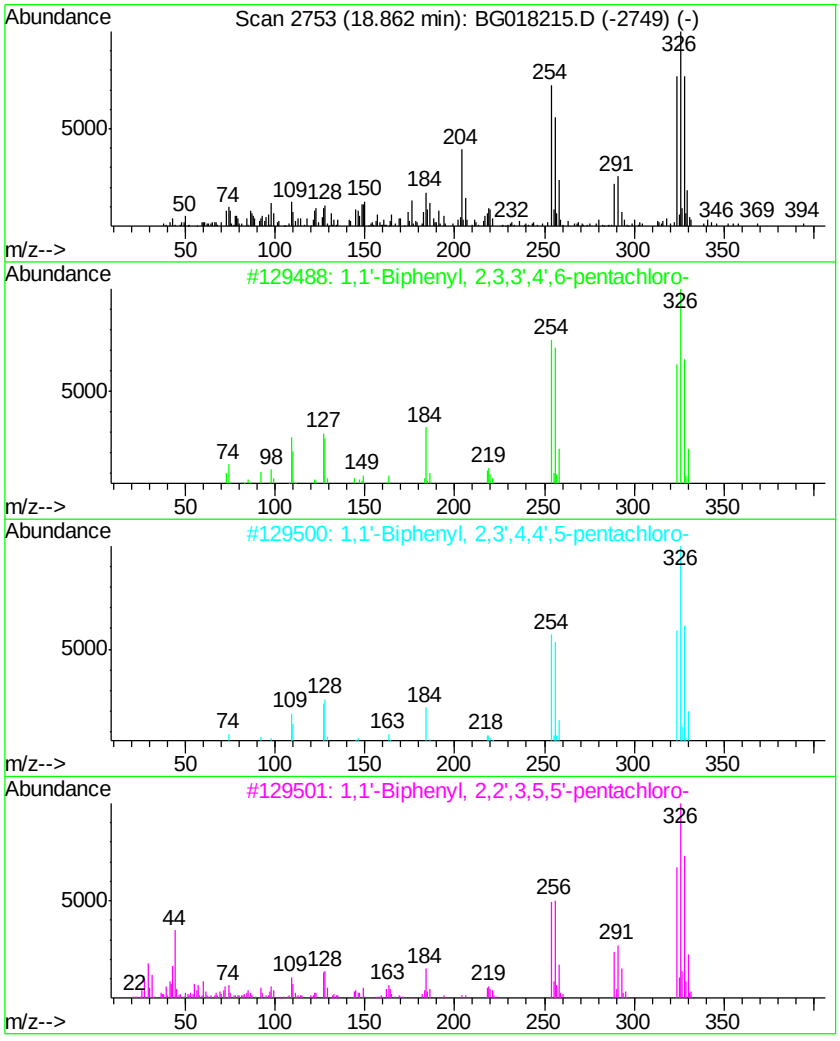
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

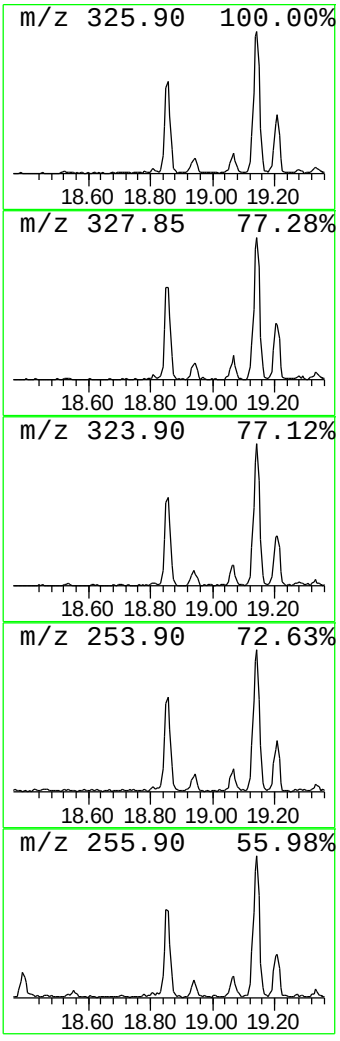
****

Peak Number 15 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	13.09 ng/ul	430039	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	94
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	93
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

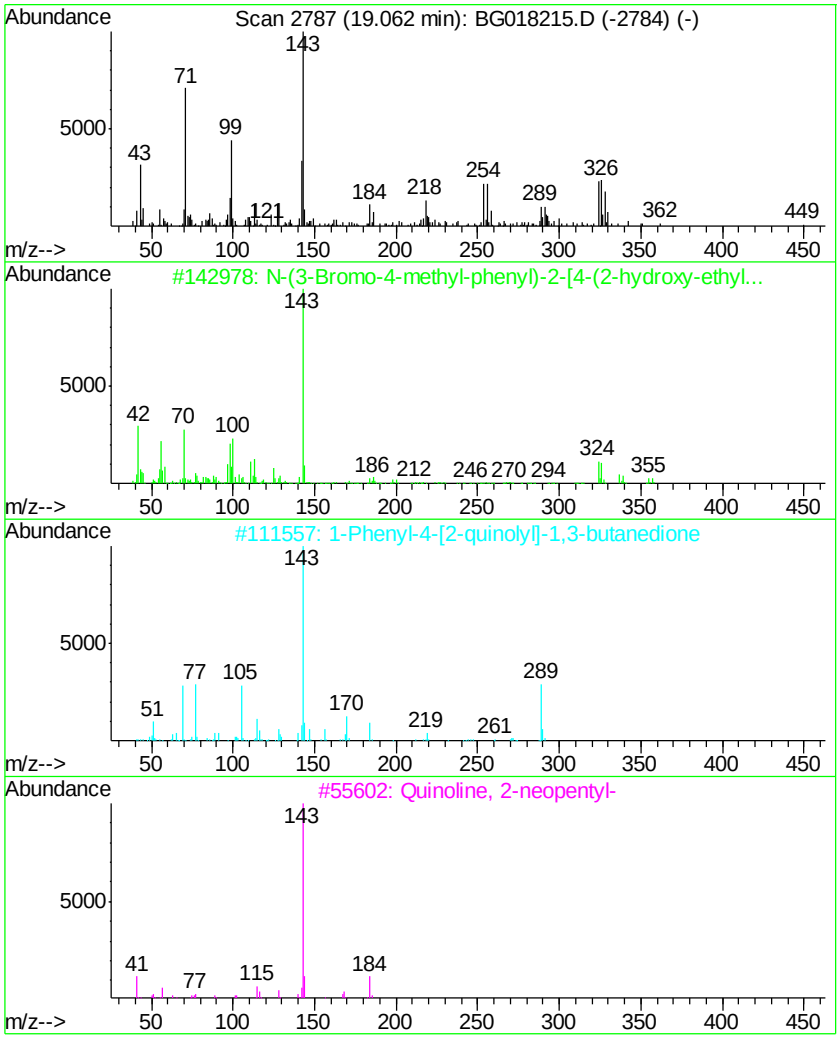
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

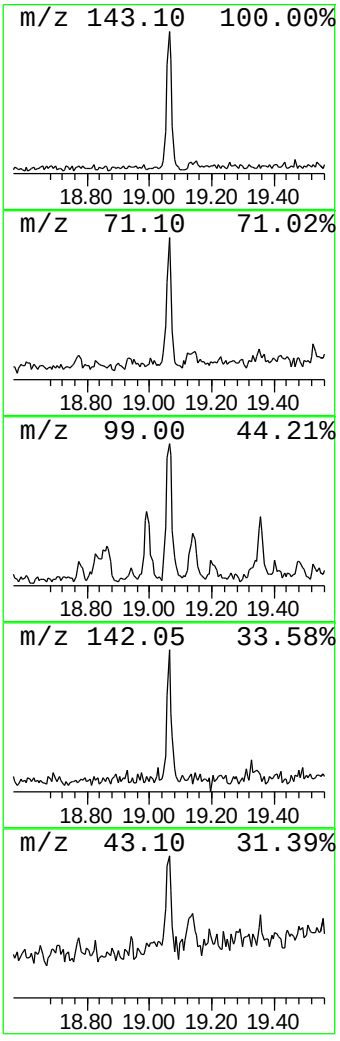
****

Peak Number 16 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	11.59 ng/ul	202110	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Bromo-4-methyl-phenyl)-2-[4...	355	C15H22BrN3O2	1000296-99-5	32
2	1-Phenyl-4-[2-quinolyl]-1,3-buta...	289	C19H15NO2	026958-30-5	27
3	Quinoline, 2-neopentyl-	199	C14H17N	007661-57-6	22
4	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
5	Propanedioic acid, (acetylamino)...	275	C12H21NO6	053048-84-3	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

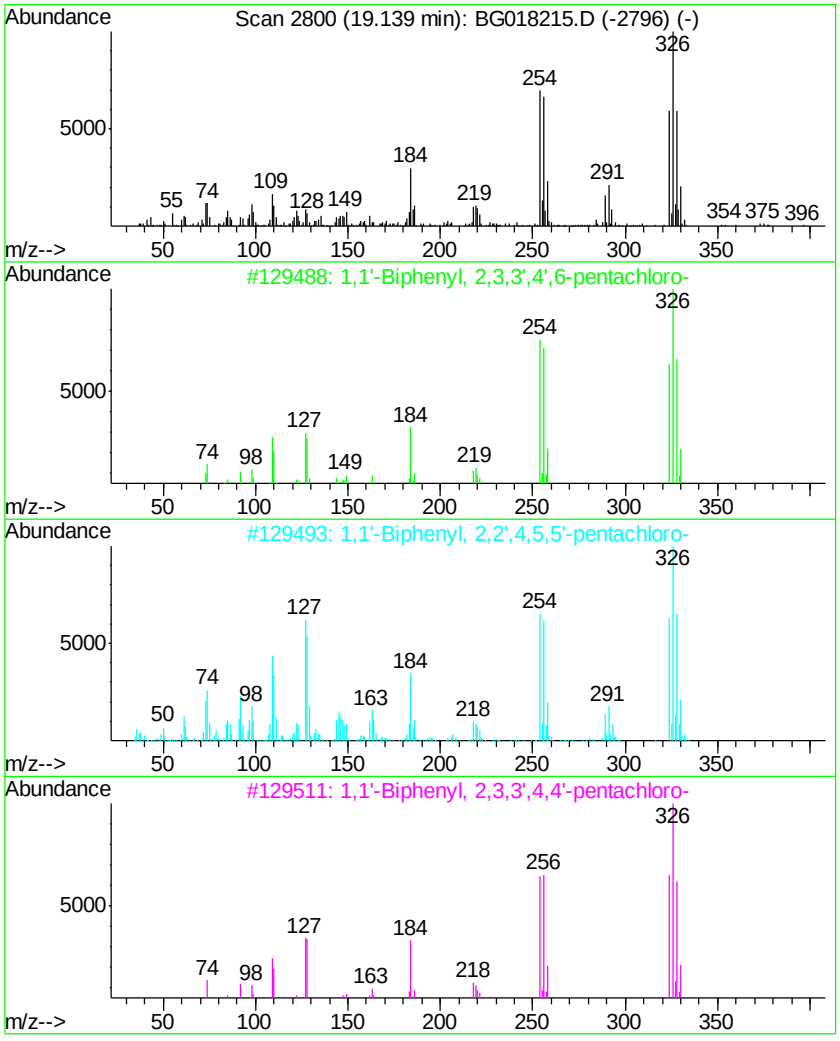
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

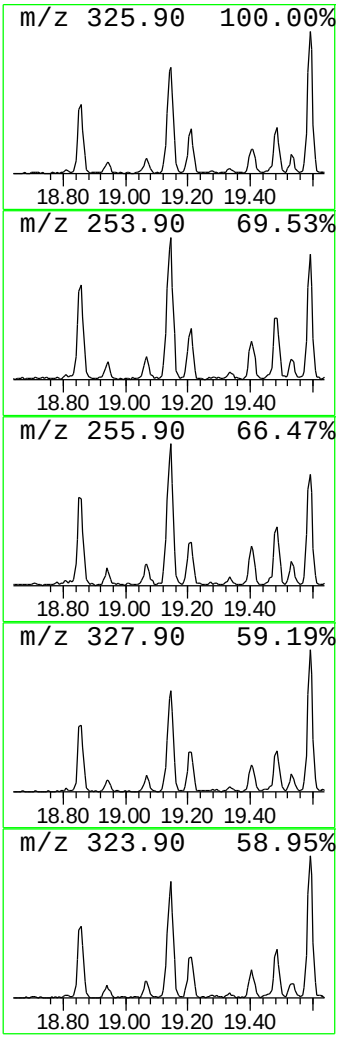
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	30.80 ng/ul	537222	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

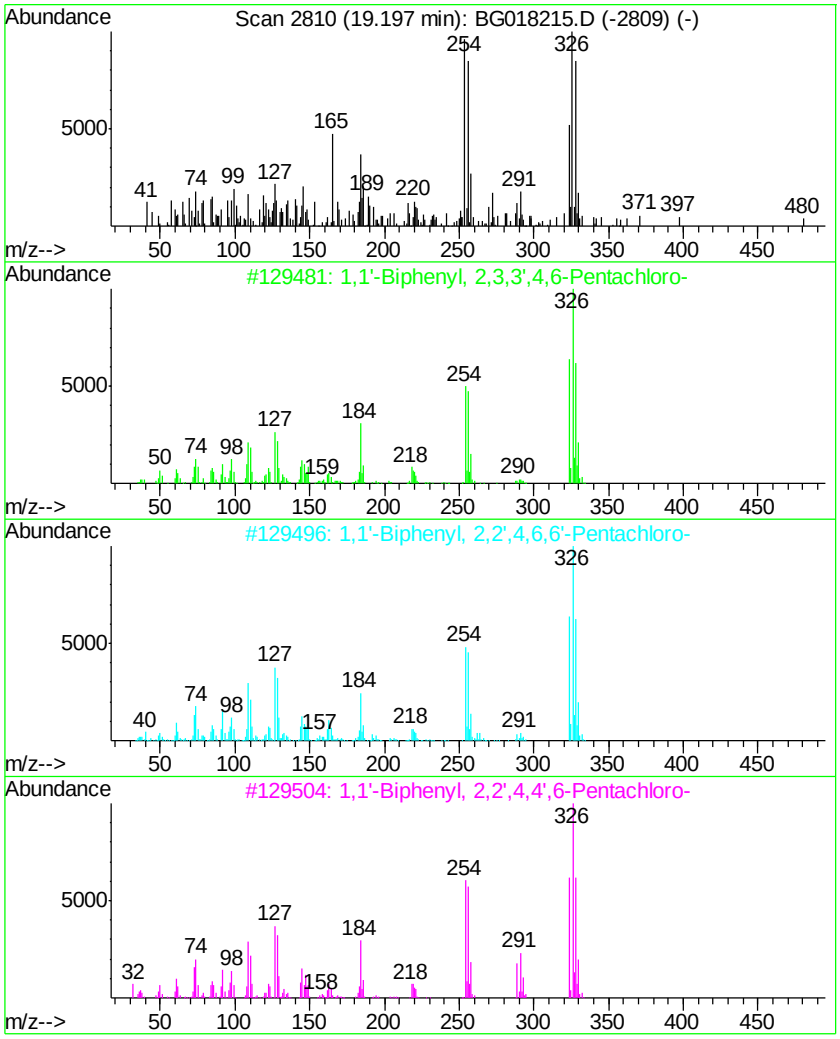
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

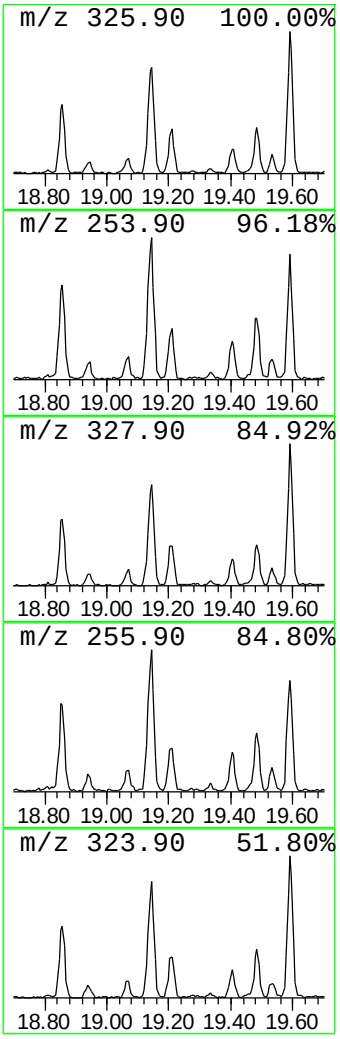
****

Peak Number 18 1,1'-Biphenyl, 2,2',4,6,6'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	7.22 ng/ul	126033	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	94
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	94
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94
4	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	94
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

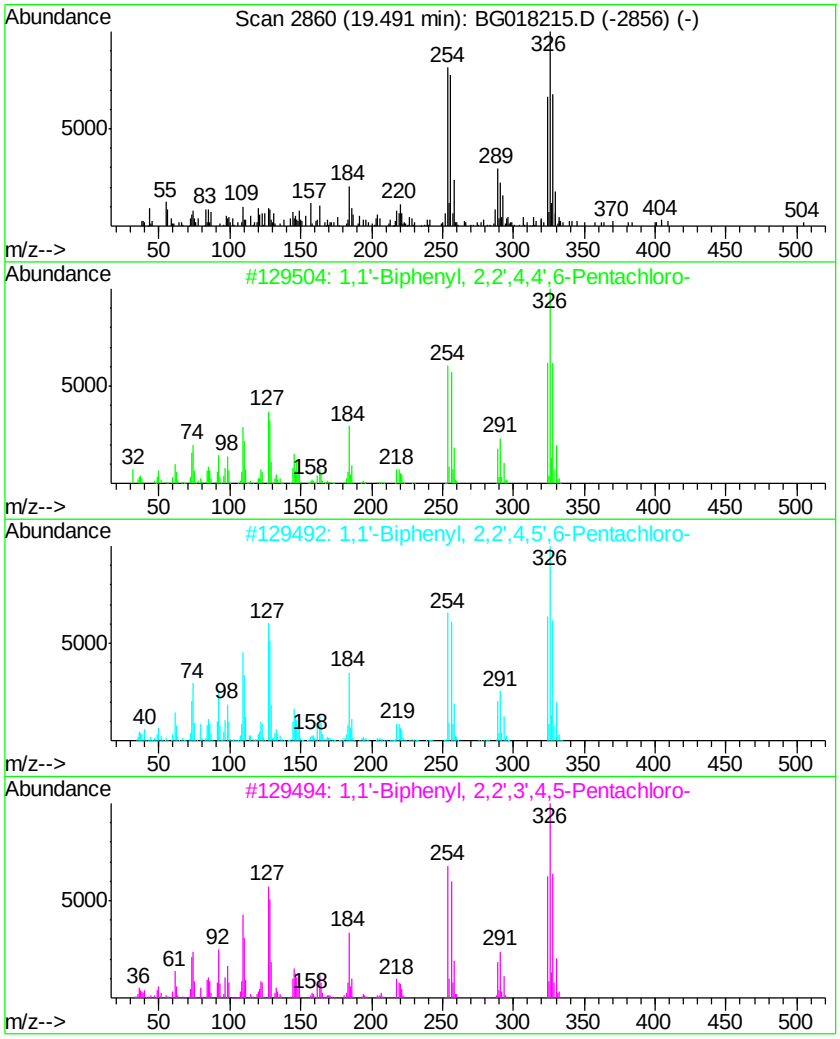
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

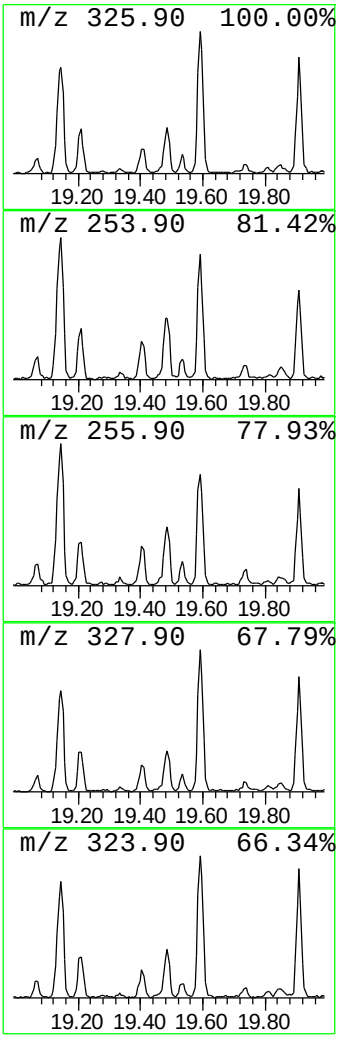
****

Peak Number 19 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	9.26 ng/ul	161595	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
2	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	93
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

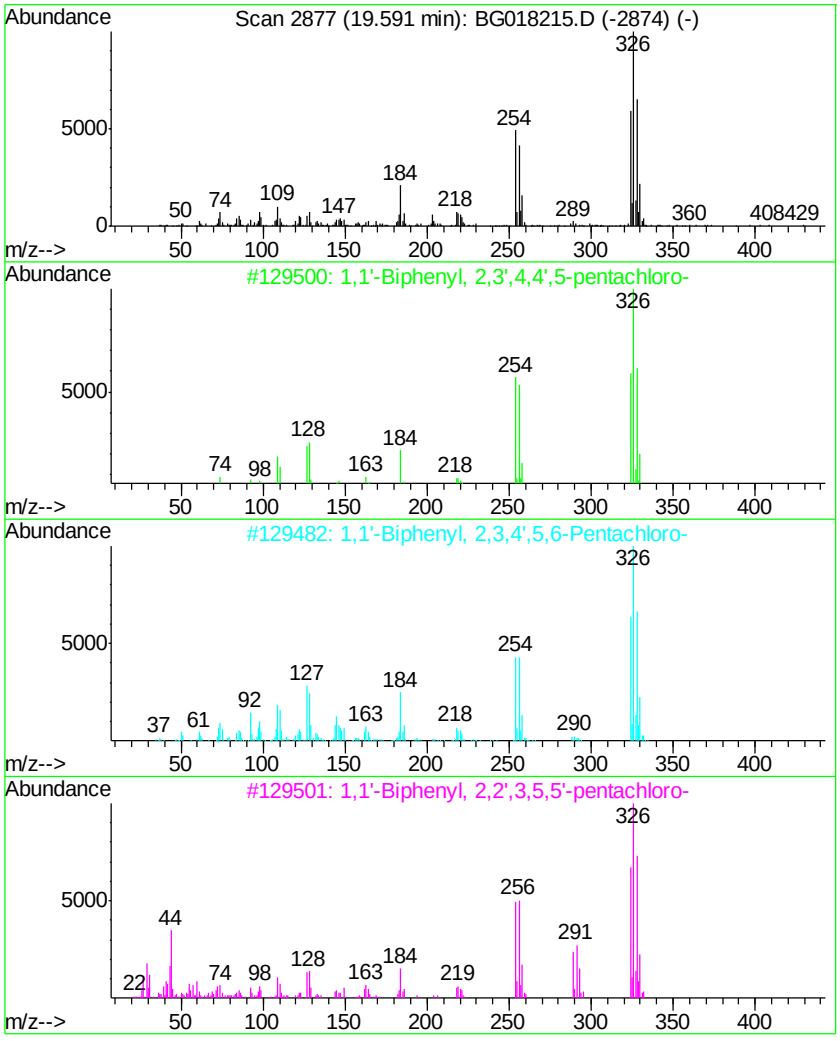
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

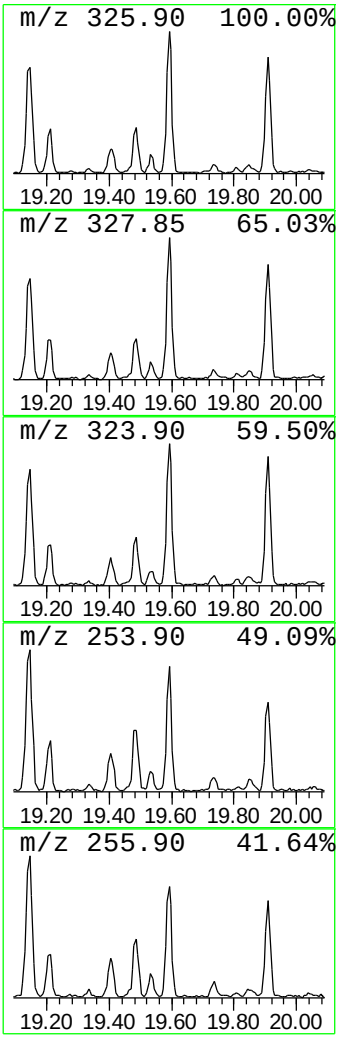
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	25.05 ng/ul	436945	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
4	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95
5	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

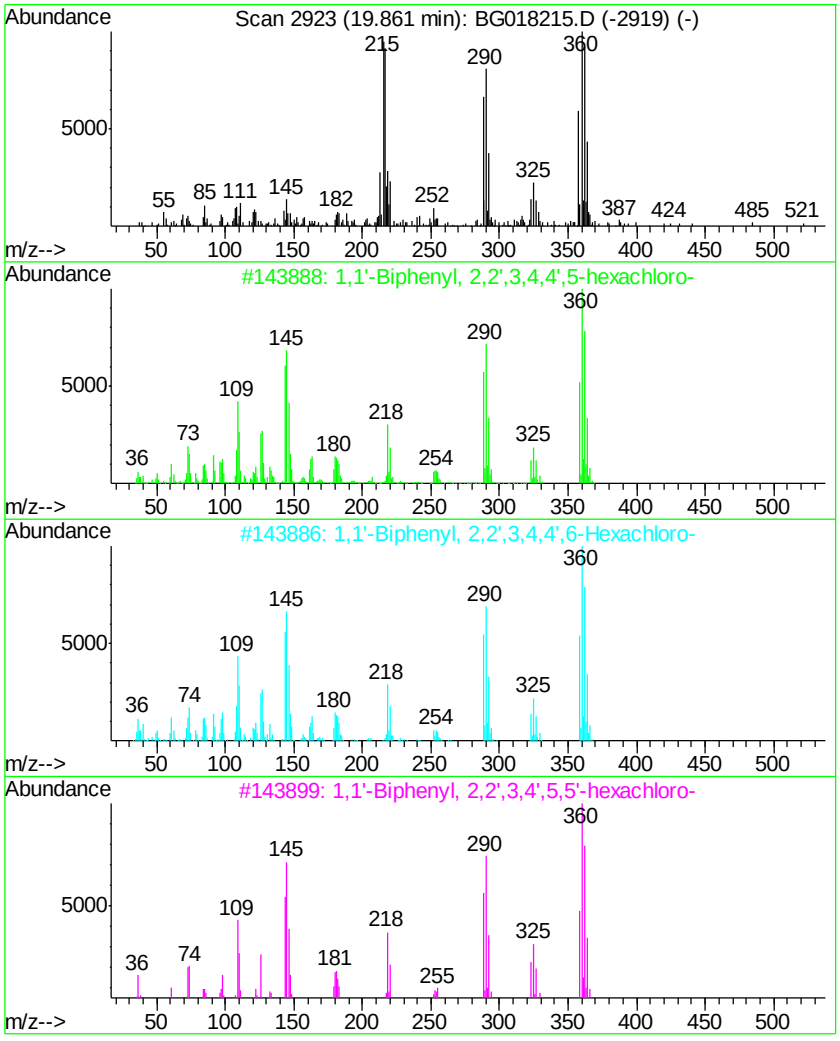
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

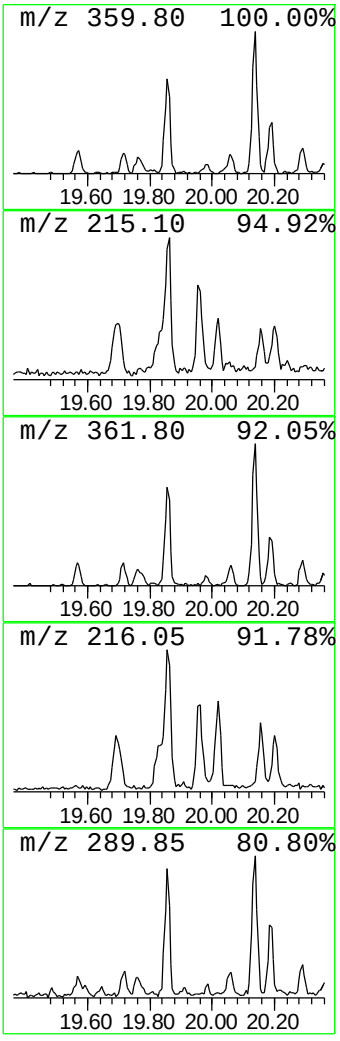
****

Peak Number 21 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	15.41 ng/ul	268886	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	95
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	95
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	95
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

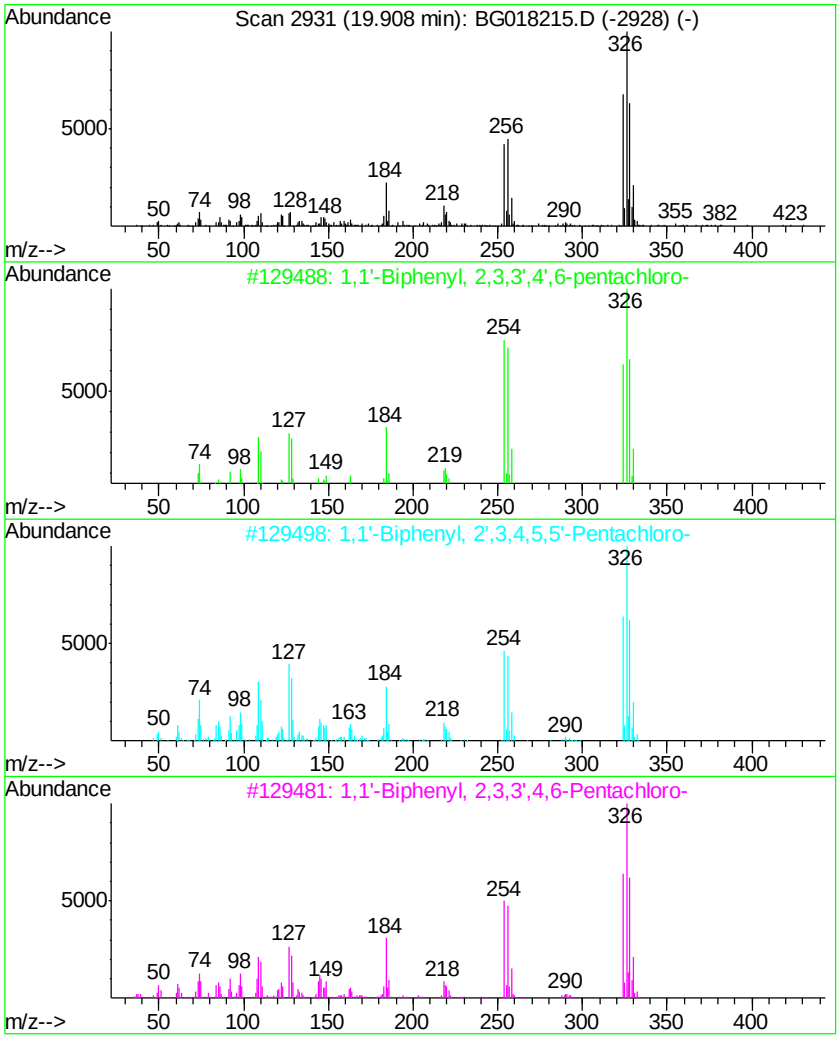
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

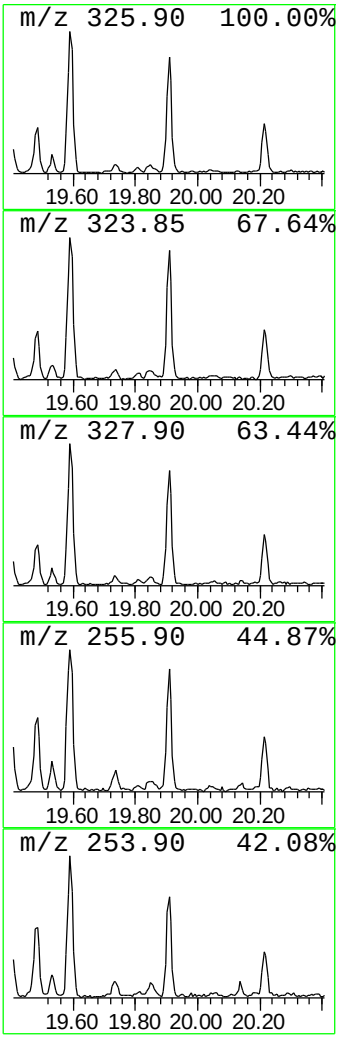
****

Peak Number 22 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	18.50 ng/ul	322763	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
3	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

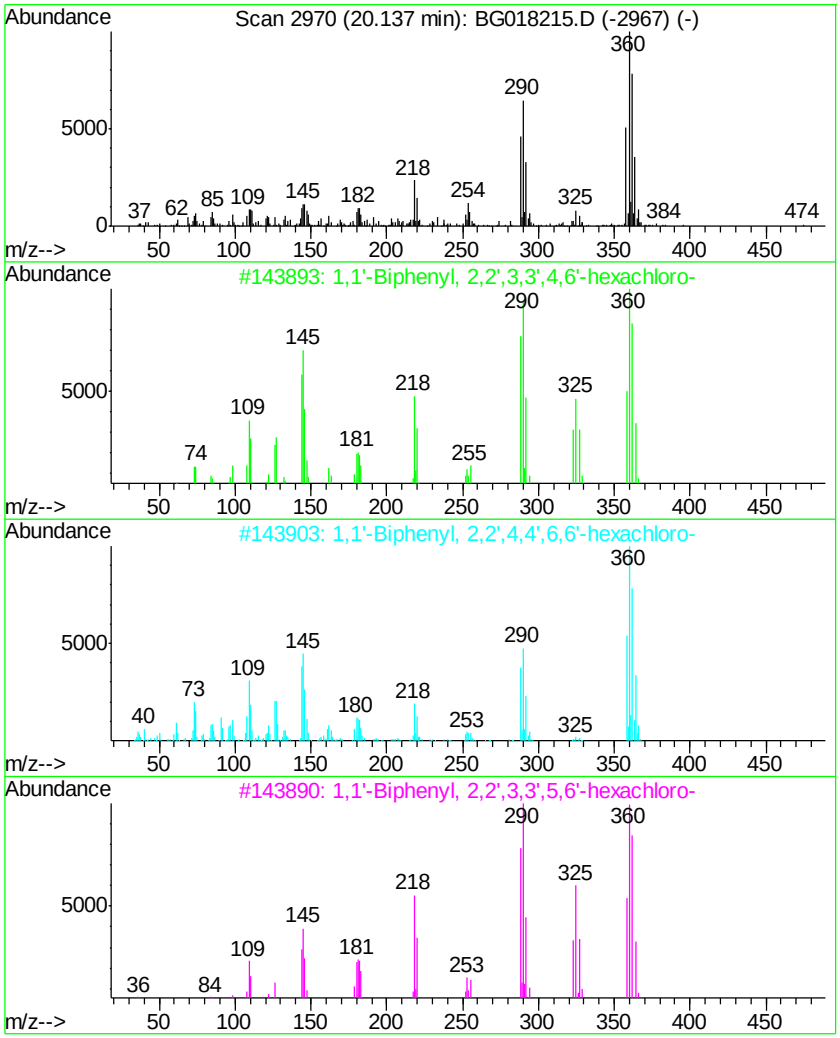
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

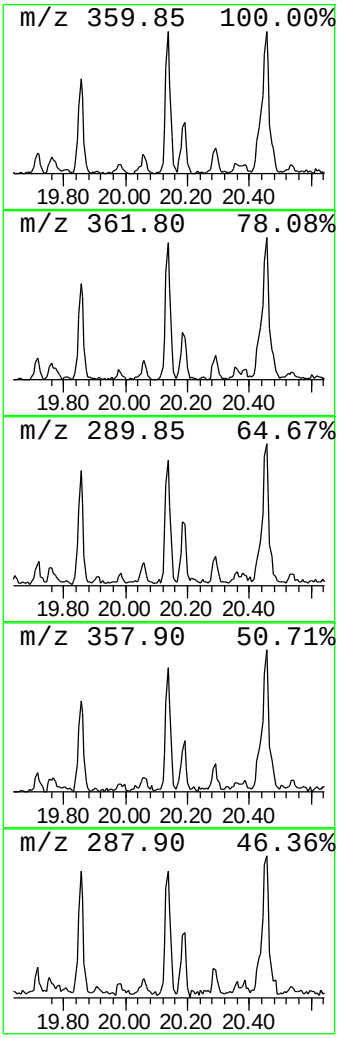
****

Peak Number 23 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	11.75 ng/ul	204976	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	96
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96
3	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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

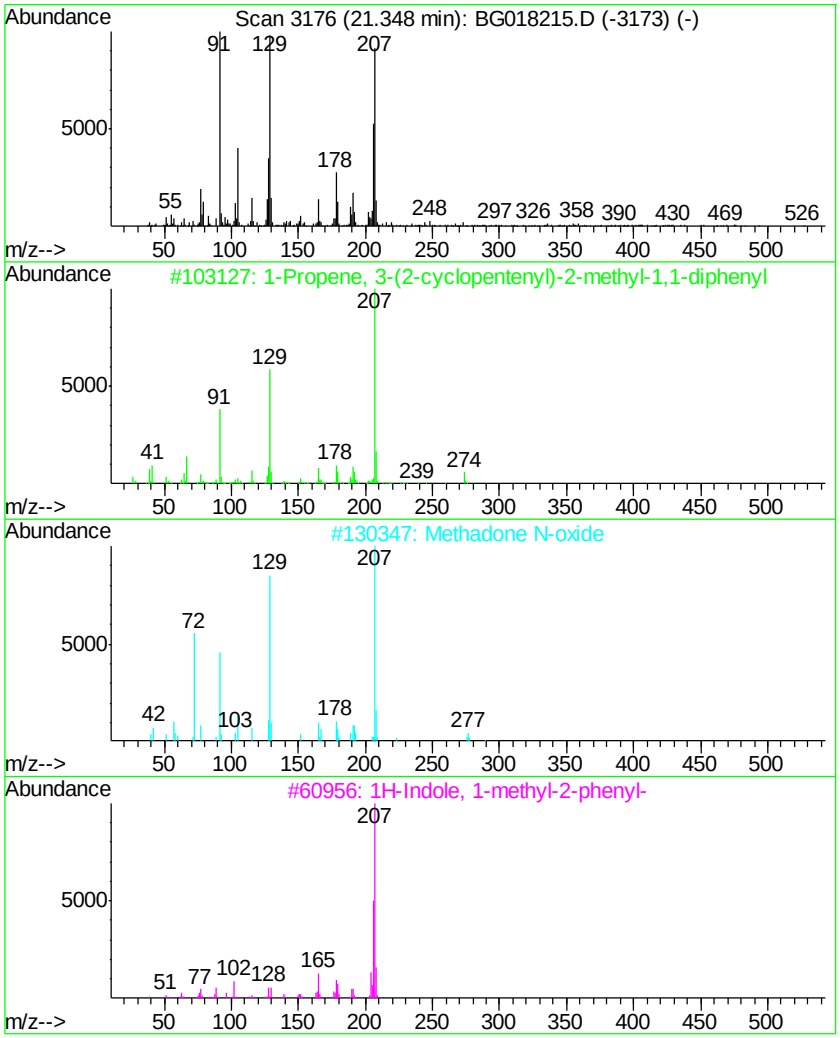
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

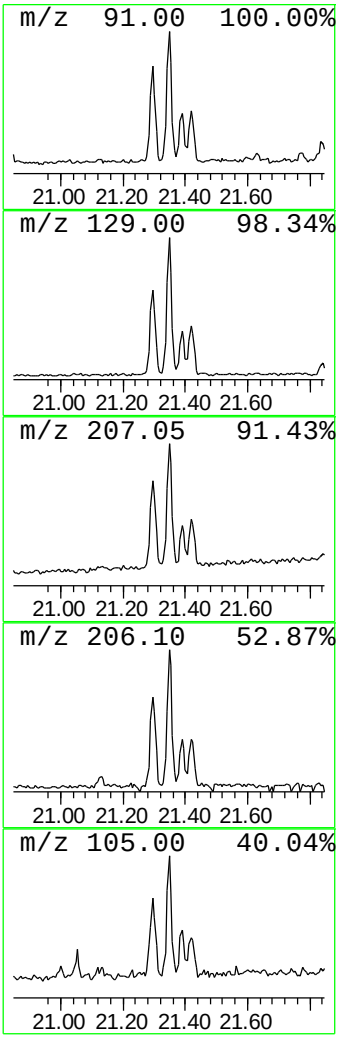
****

Peak Number 25 1-Propene, 3-(2-cyclopenten... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	27.50 ng/ul	479700	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	59
2	Methadone N-oxide	325	C21H27NO2	1000120-80-7	53
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	45
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	43
5	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018215.D
Acq On : 1 Aug 2015 11:38
Operator : TP/UM
Sample : G3073-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0

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
unknown-01	16.27	2.7	ng/ul	89231	4	16.92	656949	20.0
Tri(2-chloroethyl...	16.44	25.3	ng/ul	832218	4	16.92	656949	20.0
Benzene, 1,1'-(1,...	16.53	2.3	ng/ul	76131	4	16.92	656949	20.0
2-Propanol, 1-chl...	16.69	5.4	ng/ul	175903	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	16.80	2.7	ng/ul	90077	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	17.53	10.1	ng/ul	331160	4	16.92	656949	20.0
n-Hexadecanoic acid	17.83	5.4	ng/ul	177500	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	18.00	11.9	ng/ul	389190	4	16.92	656949	20.0
1,1'-Biphenyl, 3,...	18.06	3.7	ng/ul	121139	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	18.28	6.8	ng/ul	221954	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	18.46	3.5	ng/ul	116198	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	18.83	4.9	ng/ul	161662	4	16.92	656949	20.0
1,1'-Biphenyl, 2,...	18.86	13.1	ng/ul	430039	4	16.92	656949	20.0
unknown-02	19.06	11.6	ng/ul	202110	5	21.13	348883	20.0
1,1'-Biphenyl, 2,...	19.14	30.8	ng/ul	537222	5	21.13	348883	20.0
1,1'-Biphenyl, 2,...	19.20	7.2	ng/ul	126033	5	21.13	348883	20.0
1,1'-Biphenyl, 2,...	19.49	9.3	ng/ul	161595	5	21.13	348883	20.0
1,1'-Biphenyl, 2,...	19.59	25.1	ng/ul	436945	5	21.13	348883	20.0
1,1'-Biphenyl, 2,...	19.86	15.4	ng/ul	268886	5	21.13	348883	20.0
1,1'-Biphenyl, 2'...	19.91	18.5	ng/ul	322763	5	21.13	348883	20.0
1,1'-Biphenyl, 2,...	20.14	11.8	ng/ul	204976	5	21.13	348883	20.0
1-Propene, 3-(2-c...	21.35	27.5	ng/ul	479700	5	21.13	348883	20.0