LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

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_M\METHODS\SOM02.2-EPA-BM072715.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	3.399	116	121	127	rBV	81207	102293	1.66%	0.103%
2	5.605	488	496	501	rVB2	44140	76677	1.25%	0.077%
3	6.781	690	696	708	rVB2	416226	835677	13.60%	0.844%
4	6.934	712	722	727	rBV	318383	491694	8.00%	0.497%
5	7.128	748	755	763	rVB	465422	714752	11.63%	0.722%
6	7.234	769	773	779	rVB	71953	102991	1.68%	0.104%
7	7.593	821	834	842	rBV	536989	849291	13.82%	0.858%
8	8.310	950	956	963	rVV	531818	866574	14.10%	0.875%
9	8.416	970	974	979	rVV	44867	73308	1.19%	0.074%
10	8.687	1011	1020	1025	rBV2	49978	84334	1.37%	0.085%
11	8.751	1025	1031	1037	rVV	403602	676896	11.02%	0.684%
12	9.069	1080	1085	1092	rVB2	45561	77146	1.26%	0.078%
13	9.269	1114	1119	1131	rVB	47209	80051	1.30%	0.081%
14	9.475	1143	1154	1164	rBV	368253	636259	10.36%	0.643%
15	9.781	1201	1206	1211	rVV3	32195	64567	1.05%	0.065%
16	10.010	1239	1245	1253	rVV	604825	997050	16.23%	1.007%
17	10.381	1298	1308	1313	rBV	753312	1299307	21.15%	1.312%
18	10.428	1313	1316	1323	rVB	100822	166809	2.71%	0.168%
19	10.534	1328	1334	1347	rBV	246622	462858	7.53%	0.468%
20	12.051	1586	1592	1600	rVB	71881	117029	1.90%	0.118%
21	12.275	1623	1630	1638	rVB	55283	88752	1.44%	0.090%
22	13.075	1759	1766	1773	rBV2	38001	70657	1.15%	0.071%
23	13.416	1814	1824	1831	rBV2	86900	155447	2.53%	0.157%
24	13.569	1845	1850	1856	rBV	55917	98576	1.60%	0.100%
25	13.675	1862	1868	1872	rVV	948901	1377735	22.42%	1.392%
26	13.722	1872	1876	1882	rVB	659421	897956	14.62%	0.907%
27	13.951	1908	1915	1925	rVB	954114	1523455	24.80%	1.539%
28	14.257	1954	1967	1973	rVV2	1143071	1804216	29.37%	1.822%
29	14.322	1973	1978	1985	rVV	371697	539467	8.78%	0.545%
30	14.486	1998	2006	2014	rBV	303127	518358	8.44%	0.524%
31	14.569	2015	2020	2024	rVV5	37078	72277	1.18%	0.073%
32	14.657	2027	2035	2044	rVV	154685	316571	5.15%	0.320%
33	15.051	2096	2102	2105	rBV	49079	80664	1.31%	0.081%
34	15.110	2108	2112	2118	rVB2	55756	76670	1.25%	0.077%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

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_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	15.257	2130	2137	2142	rBV	1147948	1613809	26.27%	1.630%
36	15.310	2142	2146	2151	rVB	236203	321221	5.23%	0.324%
37	15.398	2156	2161	2164	rBV2	91243	139898	2.28%	0.141%
38	15.469	2170	2173	2176	rBV	42352	57084	0.93%	0.058%
39	15.516	2176	2181	2186	rVB	340070	447768	7.29%	0.452%
40	15.604	2192	2196	2203	rVB	60274	108620	1.77%	0.110%
41	15.751	2217	2221	2229	rVB2	55454	119705	1.95%	0.121%
42	15.974	2254	2259	2260	rBV3	97222	141546	2.30%	0.143%
43	16.110	2277	2282	2287	rBV3	150705	285637	4.65%	0.289%
44	16.216	2296	2300	2301	rBV3	46643	59870	0.97%	0.060%
45	16.239	2301	2304	2309	rVV	206555	275391	4.48%	0.278%
46	16.304	2310	2315	2320	rVB3	120382	213325	3.47%	0.215%
47	16.422	2331	2335	2340	rBV5	68259	98948	1.61%	0.100%
48	16.539	2348	2355	2360	rBV4	213220	461658	7.51%	0.466%
49	16.669	2373	2377	2381	rVB	151636	205826	3.35%	0.208%
50	16.774	2390	2395	2399	rBV2	917727	1195354	19.46%	1.207%
51	16.827	2399	2404	2408	rVB2	155089	245395	3.99%	0.248%
52	16.886	2409	2414	2418	rBV2	794790	1147221	18.67%	1.159%
53	16.927	2418	2421	2426	rVB	355119	434830	7.08%	0.439%
54	17.010	2430	2435	2439	rVV	1232057	2047890	33.33%	2.068%
55	17.057	2439	2443	2448	rVV	2500841	3442936	56.04%	3.478%
56	17.110	2448	2452	2455	rVV	1083133	1496411	24.36%	1.511%
57	17.145	2455	2458	2461	rVV	561889	738899	12.03%	0.746%
58	17.186	2461	2465	2474	rVB3	558194	903953	14.71%	0.913%
59	17.421	2501	2505	2509	rVB	311582	369527	6.01%	0.373%
60	17.463	2509	2512	2515	rBV	118719	143967	2.34%	0.145%
61	17.610	2530	2537	2543	rVB	1284031	2511660	40.88%	2.537%
62	17.733	2552	2558	2563	rBV3	387090	711628	11.58%	0.719%
63	17.798	2567	2569	2575	rVV4	168497	265219	4.32%	0.268%
64	17.857	2575	2579	2582	rVV	391525	592268	9.64%	0.598%
65	17.916	2585	2589	2596	rVV3	909962	1820458	29.63%	1.839%
66	17.980	2596	2600	2603	rVV	614882	792466	12.90%	0.800%
67	18.016	2603	2606	2611	rVV2	204381	314107	5.11%	0.317%
68	18.080	2612	2617	2621	rVV2	1766983	2517404	40.97%	2.543%
69	18.139	2624	2627	2631	rVV	735235	951824	15.49%	0.961%
70	18.186	2631	2635	2641	rVB2	458745	669242	10.89%	0.676%
71	18.368	2661	2666	2672	rBV2	836154	1466856	23.87%	1.482%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

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_M\METHODS\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

72	18.504	2687	2689	2692	rBV2	175953	191443	3.12%	0.193%
73	18.545	2692	2696	2700	rVB	478319	609868	9.93%	0.616%
74	18.604	2702	2706	2709	rBV	298581	391163	6.37%	0.395%
75	18.863	2747	2750	2754	rVB2	188999	225913	3.68%	0.228%
76	18.915	2755	2759	2760	rBV2	541363	682733	11.11%	0.690%
77	18.939	2760	2763	2772	rVB3	1149317	2528627	41.16%	2.554%
78	19.021	2774	2777	2781	rVB3	206826	263330	4.29%	0.266%
79	19.086	2782	2788	2793	rBV	4173949	5778044	94.04%	5.836%
80	19.139	2793	2797	2802	rBV3	368036	714183	11.62%	0.721%
81	19.221	2806	2811	2816	rVB	1617776	2387674	38.86%	2.412%
82	19.286	2818	2822	2826	rBV	598801	743533	12.10%	0.751%
83	19.421	2840	2845	2847	rBV4	1760520	2761103	44.94%	2.789%
84	19.451	2847	2850	2859	rVB2	3396771	6008799	97.80%	6.069%
85	19.562	2866	2869	2873	rVB	582779	647344	10.54%	0.654%
86	19.674	2884	2888	2895	rVB2	1444582	1928357	31.39%	1.948%
87	19.933	2928	2932	2938	rVB2	976569	1612957	26.25%	1.629%
88	19.986	2938	2941	2947	rBV	1048740	1213998	19.76%	1.226%
89	20.215	2976	2980	2983	rBV	771047	870348	14.17%	0.879%
90	20.292	2991	2993	2999	rVB3	572984	704106	11.46%	0.711%
91	20.533	3031	3034	3038	rVB2	745800	813535	13.24%	0.822%
92	21.121	3131	3134	3140	rVB	1477549	1667137	27.13%	1.684%
93	21.209	3144	3149	3154	rVV3	2839027	6144045	100.00%	6.206%
94	21.256	3154	3157	3165	rVB	2319452	3035211	49.40%	3.066%
95	21.709	3232	3234	3237	rVB	529466	510138	8.30%	0.515%
96	21.856	3256	3259	3265	rBV3	1013291	1532942	24.95%	1.548%
97	22.774	3410	3415	3420	rBV	1665093	3736511	60.82%	3.774%
98	23.245	3491	3495	3498	rBV	759374	1180222	19.21%	1.192%
99	23.339	3507	3511	3520	rVB	1785486	3263797	53.12%	3.297%
100	23.433	3524	3527	3531	rVB	750470	1131331	18.41%	1.143%

Sum of corrected areas: 99004577

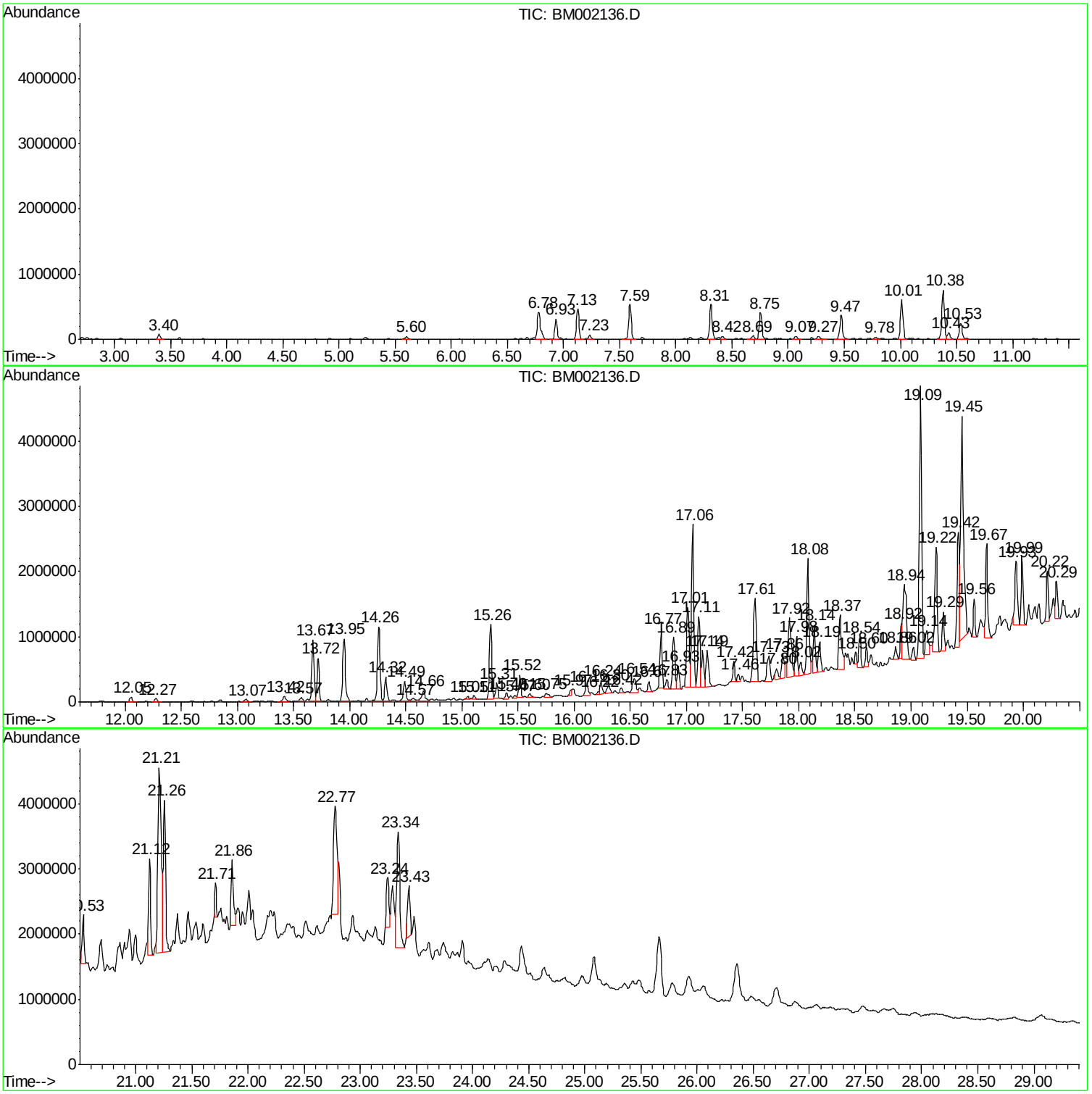
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

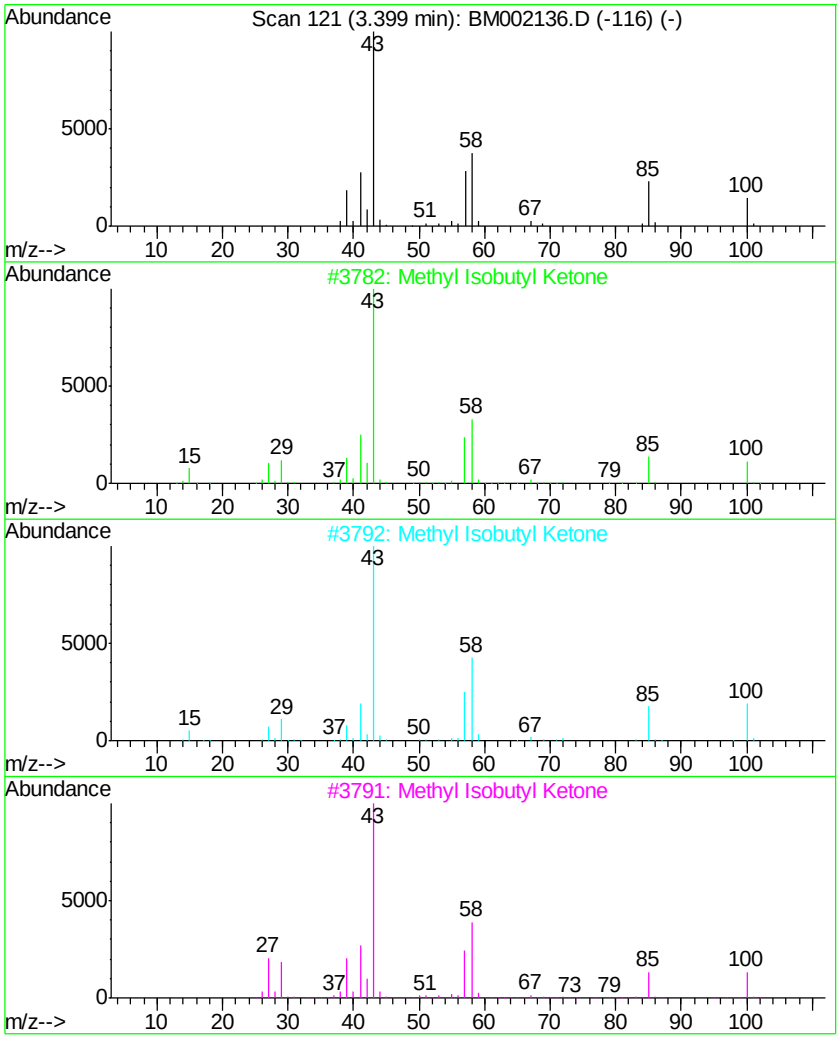
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

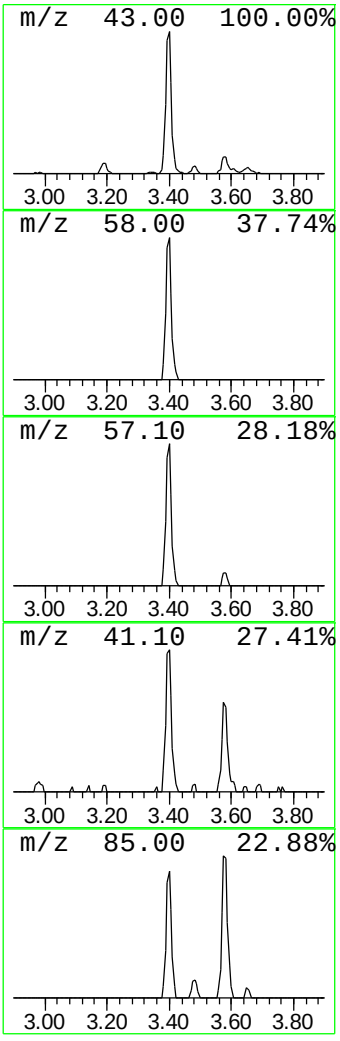
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	2.41 ng/ul	102293	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	68
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	58
5	2-Hexanone	100	C6H12O	000591-78-6	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

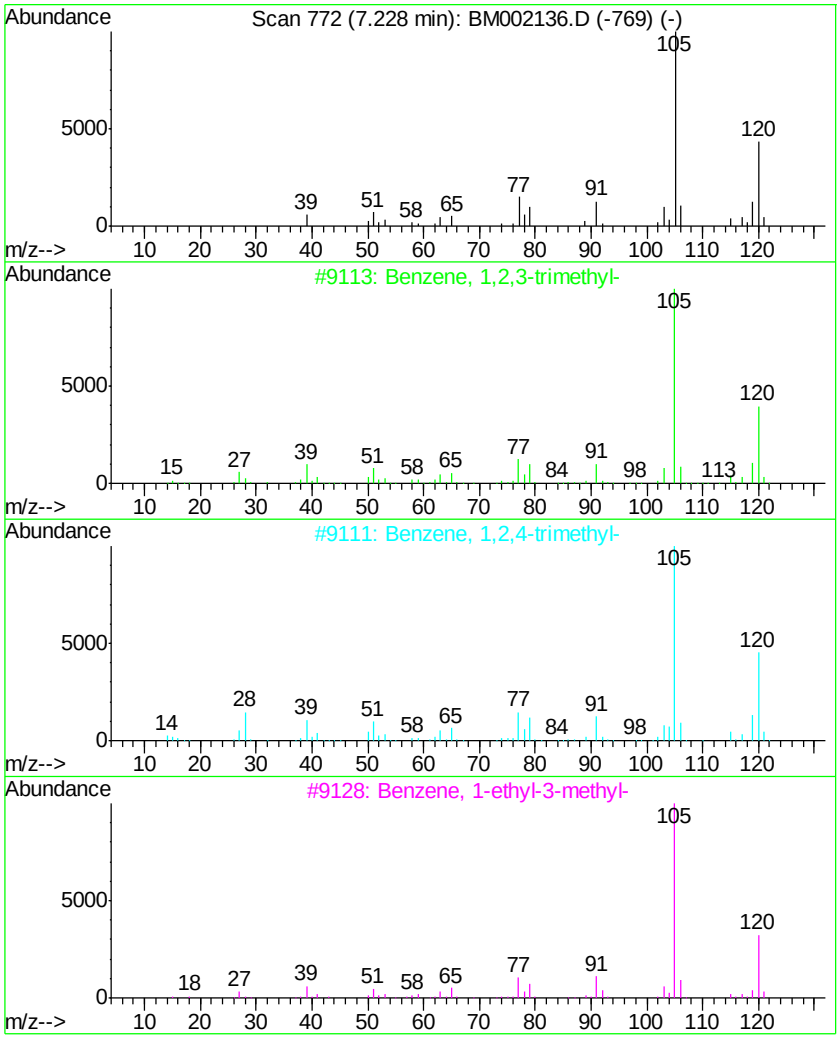
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

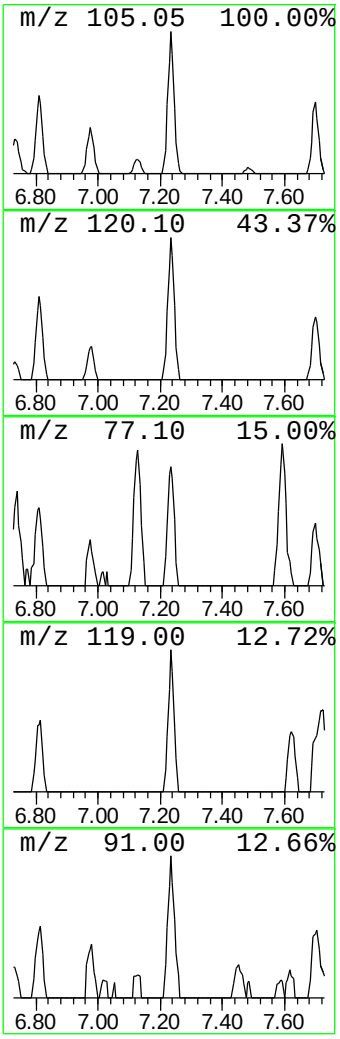
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	2.43 ng/ul	102991	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

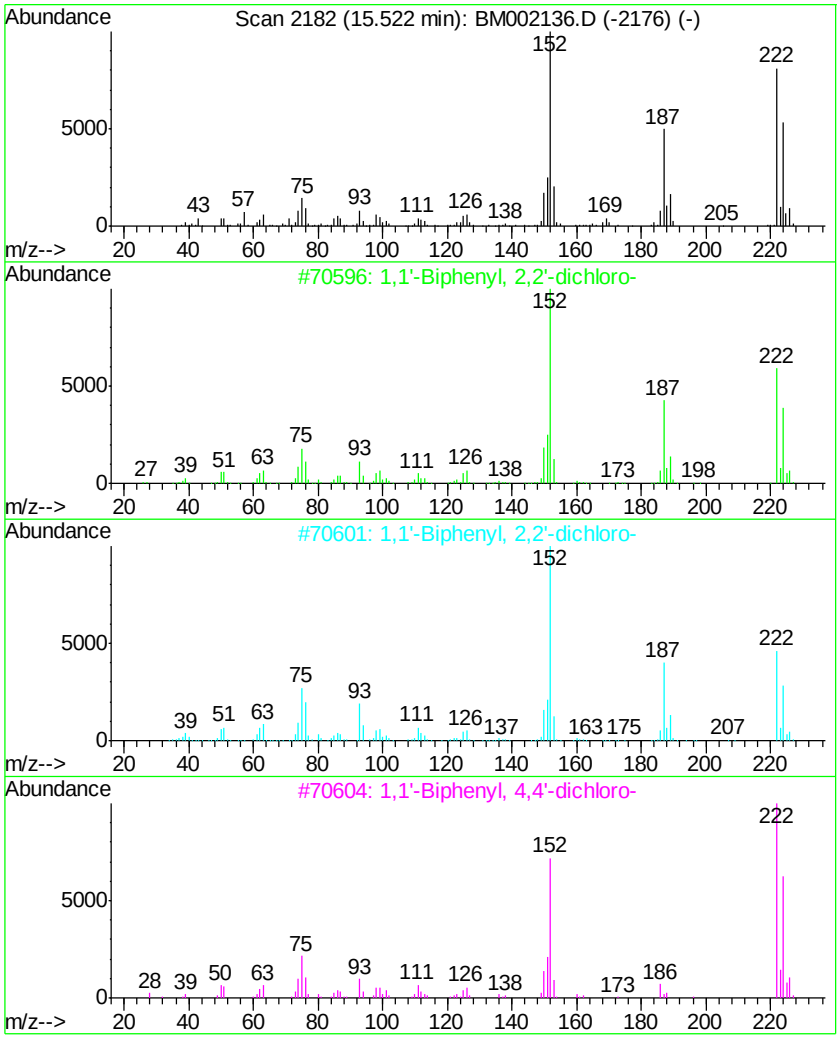
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

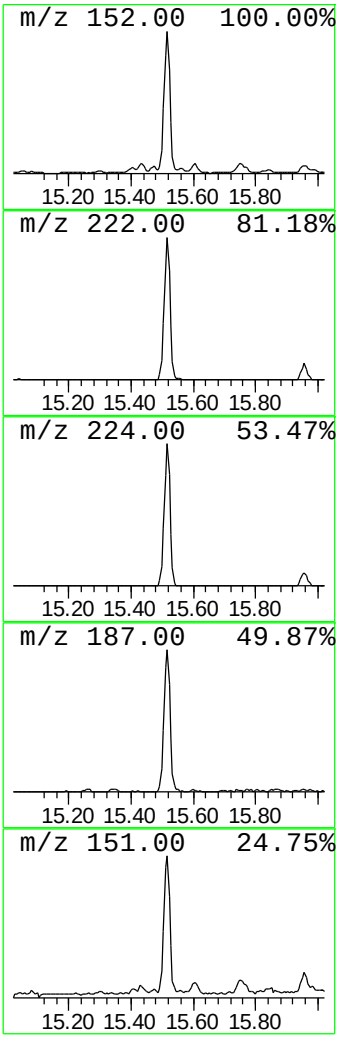
****

Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.96 ng/ul	447768	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
5	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

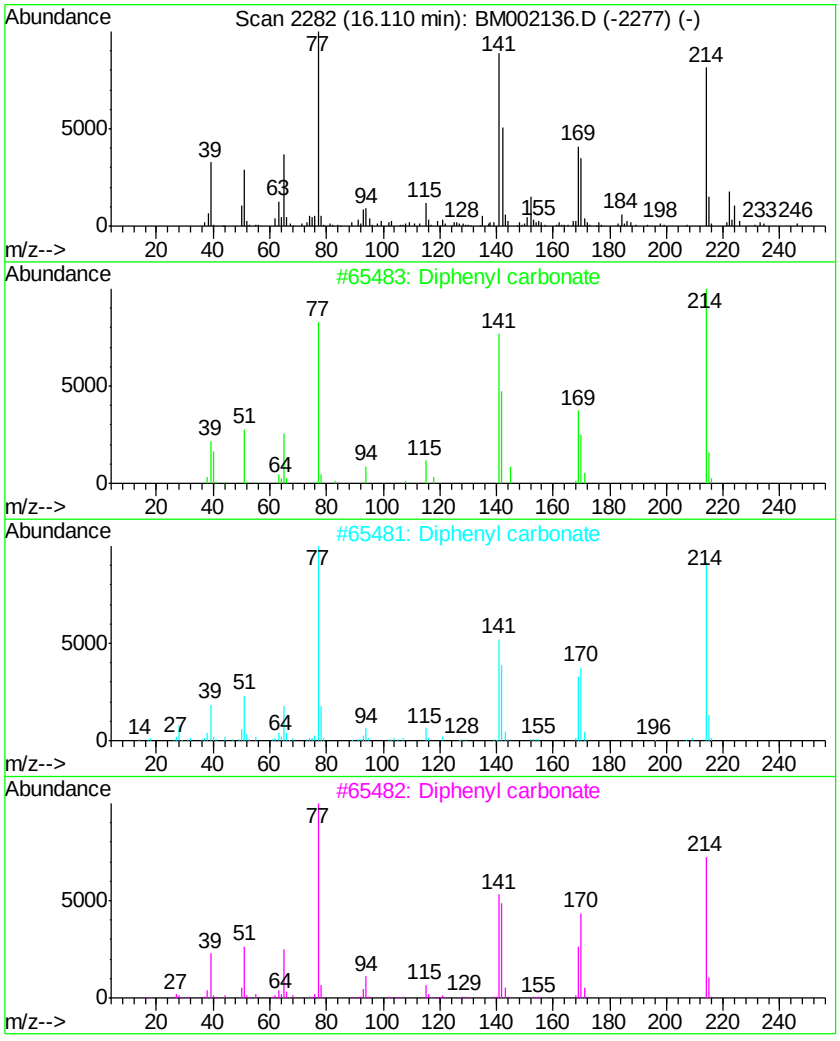
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

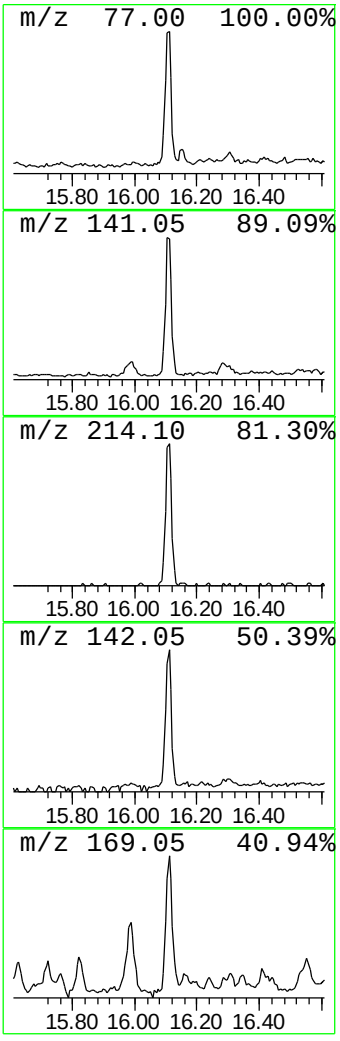
****

Peak Number 4 Diphenyl carbonate Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.79 ng/ul	285637	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl carbonate	214	C13H10O3	000102-09-0	93
2	Diphenyl carbonate	214	C13H10O3	000102-09-0	89
3	Diphenyl carbonate	214	C13H10O3	000102-09-0	62
4	m-Phenoxybenzoic acid	214	C13H10O3	003739-38-6	38
5	Diphenyl carbonate	214	C13H10O3	000102-09-0	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

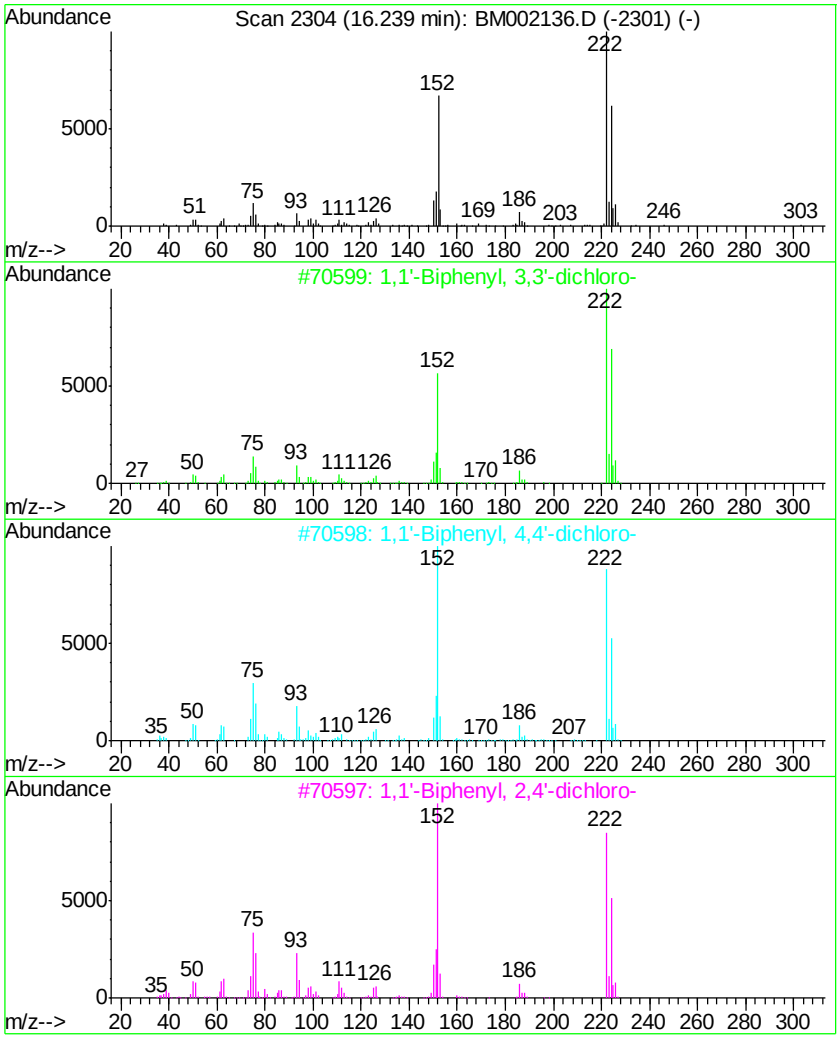
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

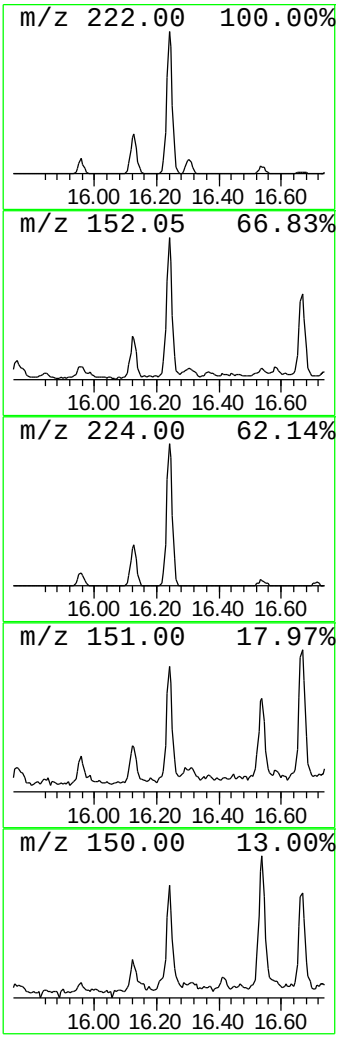
****

Peak Number 5 1,1'-Biphenyl, 3,3'-dichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.69 ng/ul	275391	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
2	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	96
5	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	94





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Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

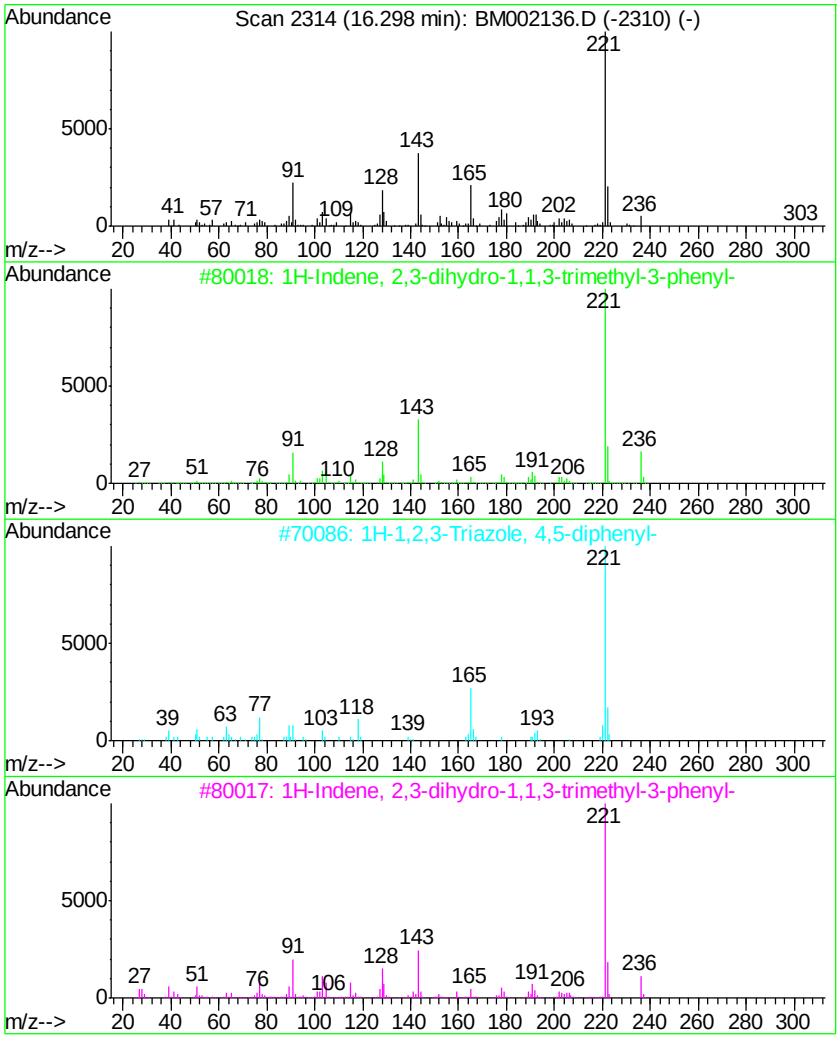
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

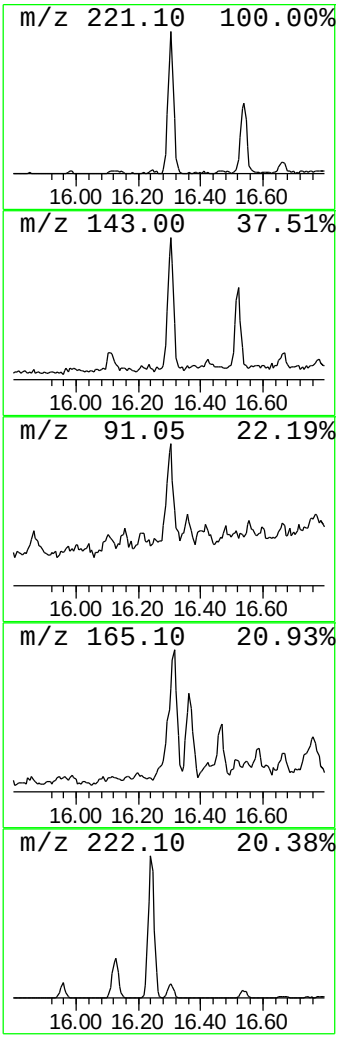
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.08 ng/ul	213325	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	68
2	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	62
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	60
4	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	50
5	1H-Quinolin-2-one, 3-phenyl-	221	C15H11NO	038035-81-3	49





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Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

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Quant Title : SVOA CALIBRATION

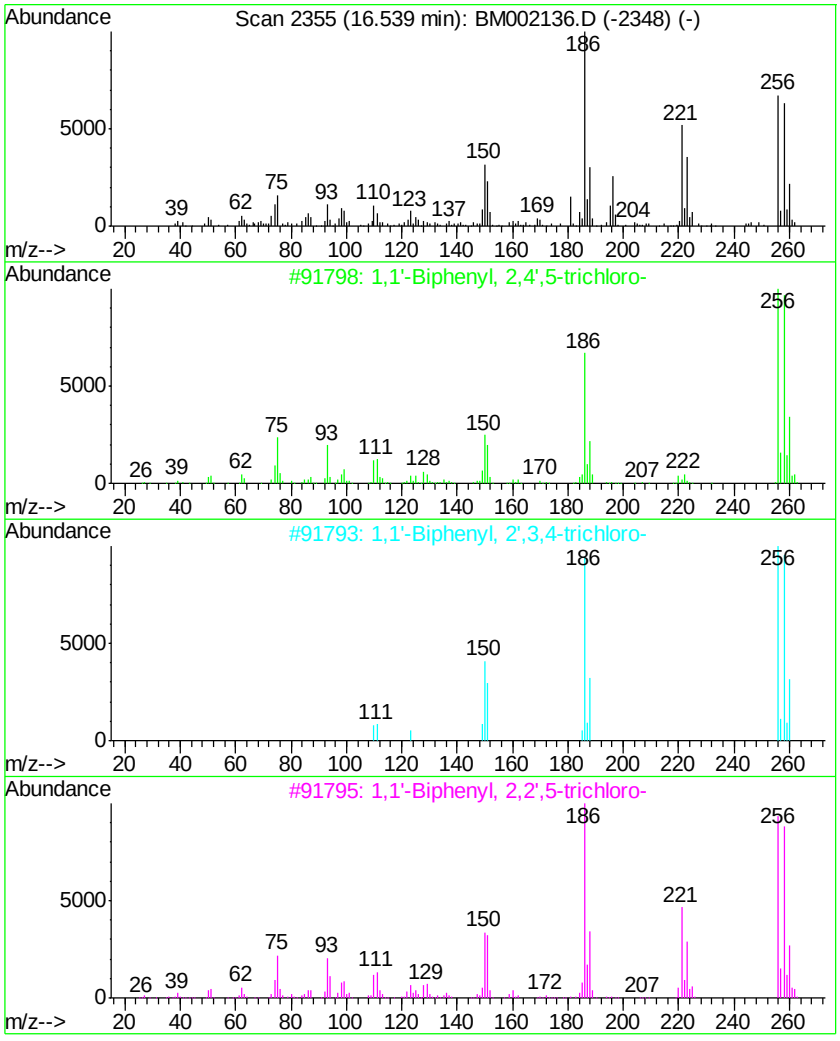
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

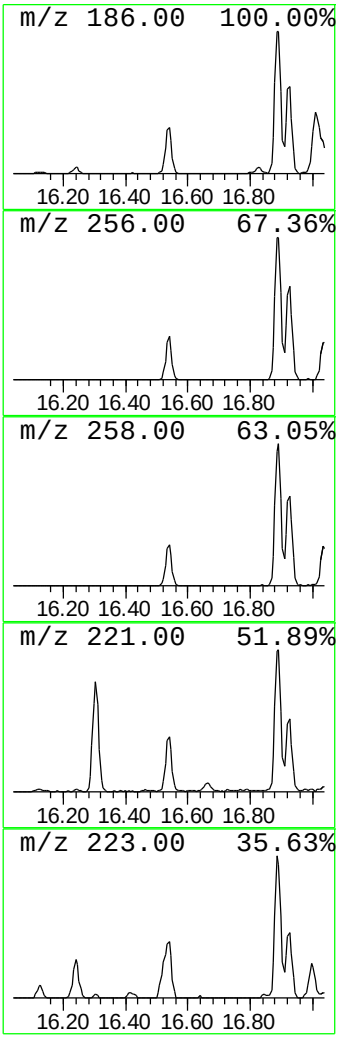
****

Peak Number 7 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	4.51 ng/ul	461658	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	90
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	89
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

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Quant Title : SVOA CALIBRATION

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

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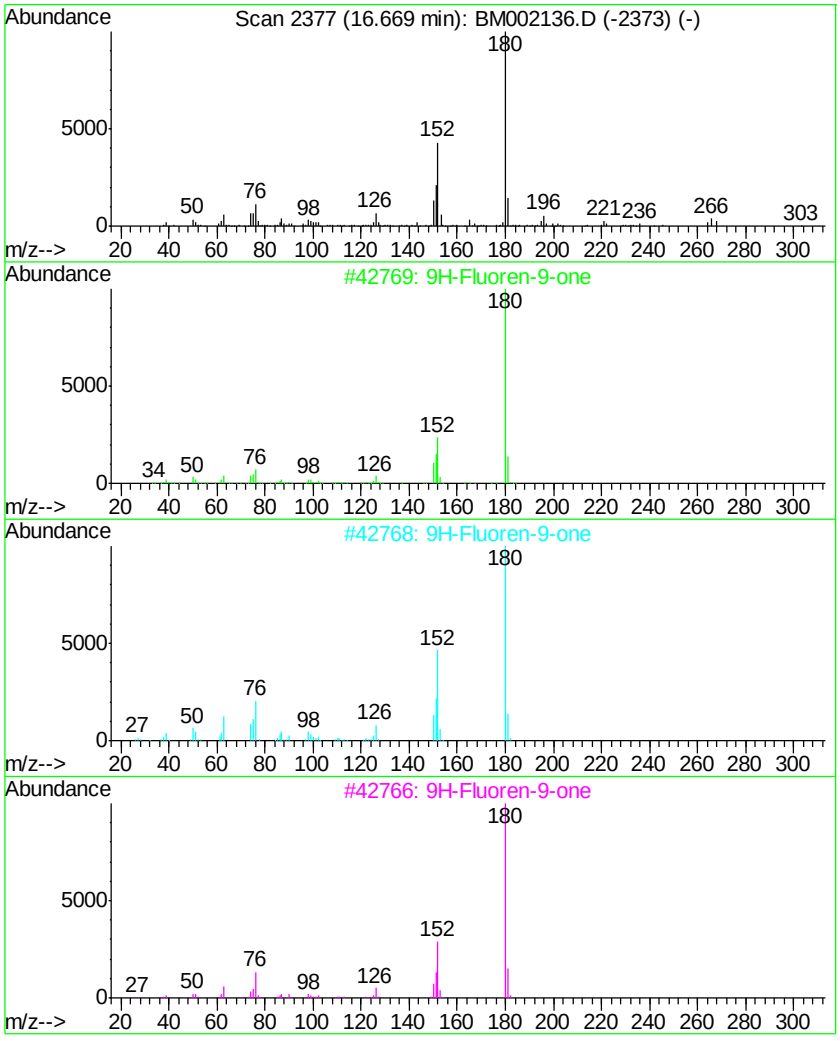
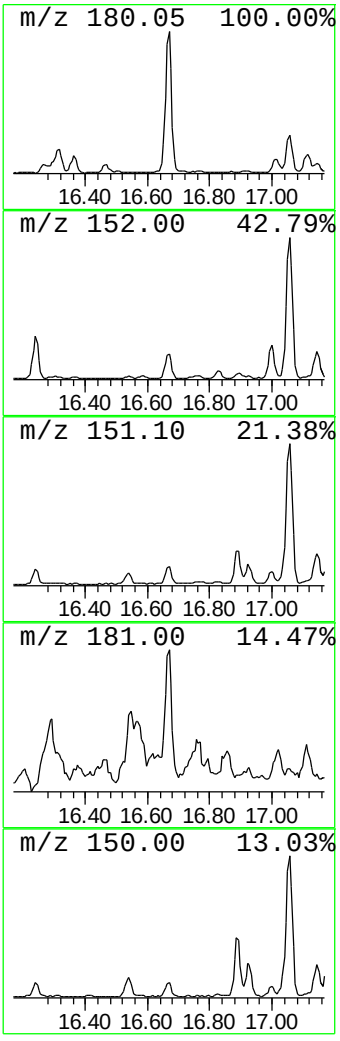
Peak Number 8 9H-Fluoren-9-one Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	2.01 ng/ul	205826	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Library Search Compound Report

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Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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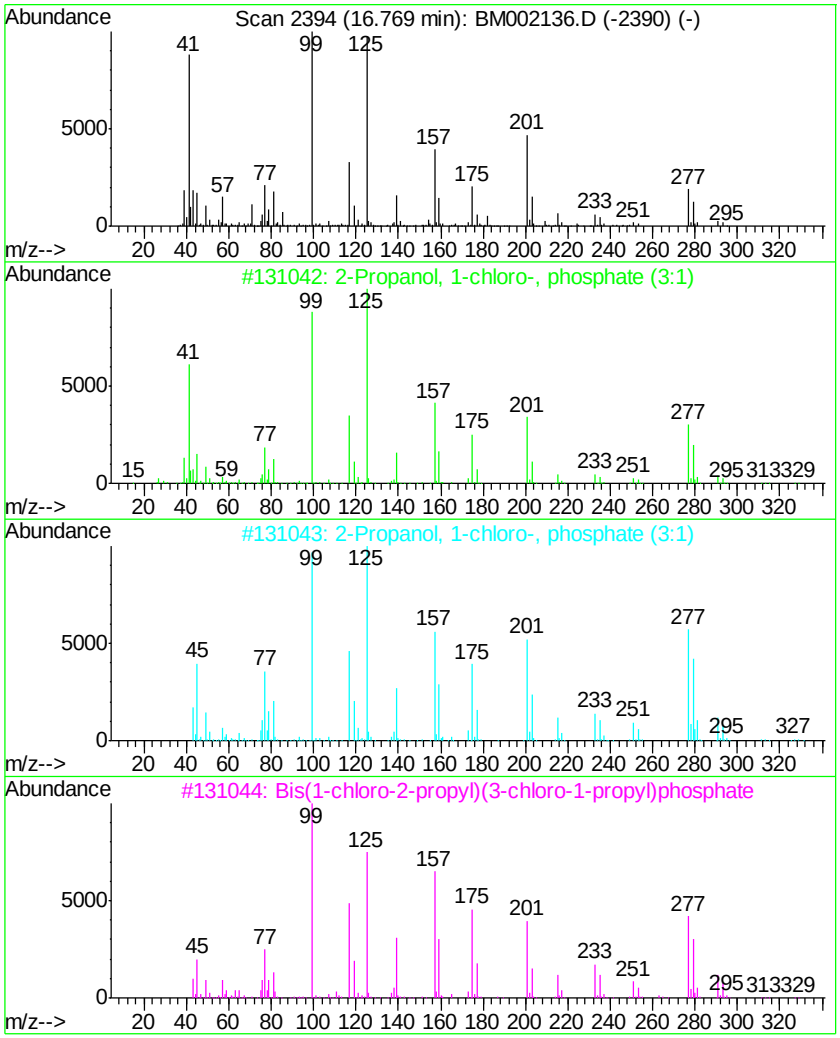
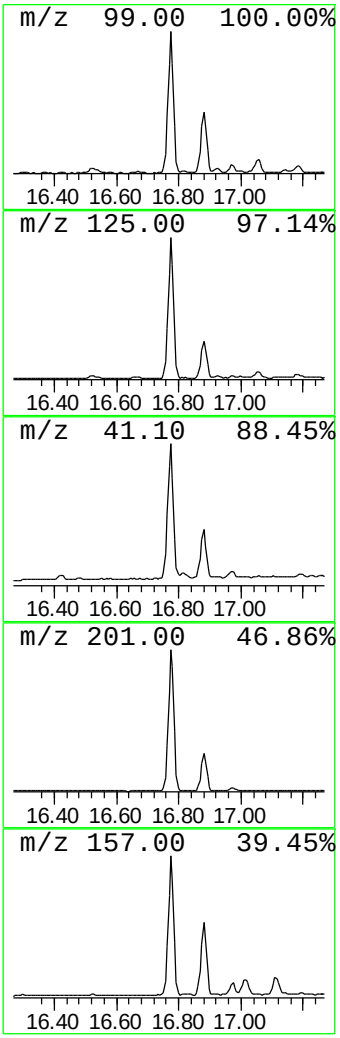
Peak Number 9 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	11.67 ng/ul	1195350	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
4	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
5	Triisopropylphosphate	224	C9H21O4P	000513-02-0	32





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : C02K0RE

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Quant Title : SVOA CALIBRATION

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

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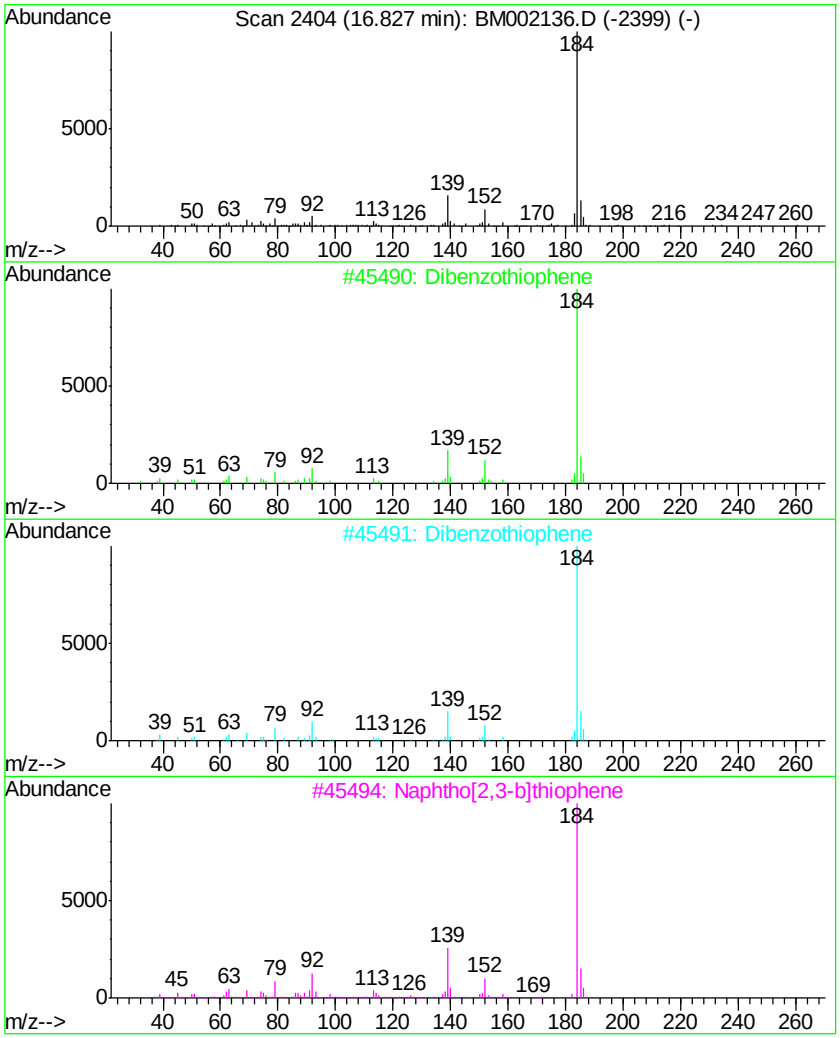
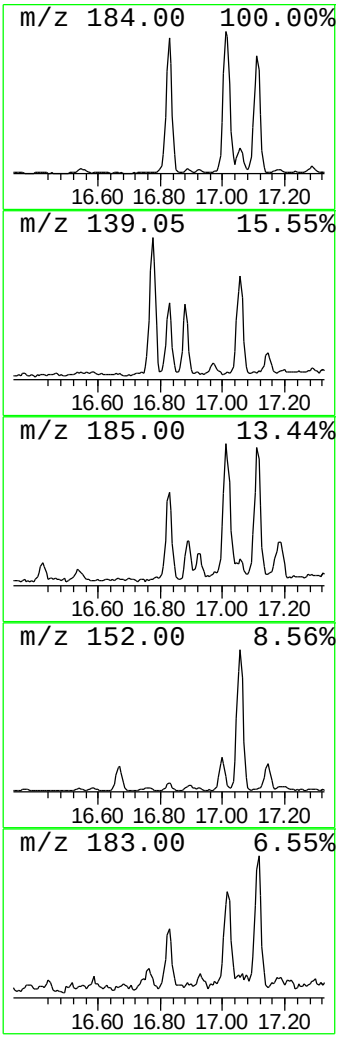
Peak Number 10 Dibenzothiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.40 ng/ul	245395	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Library Search Compound Report

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Sample : G3030-19RE
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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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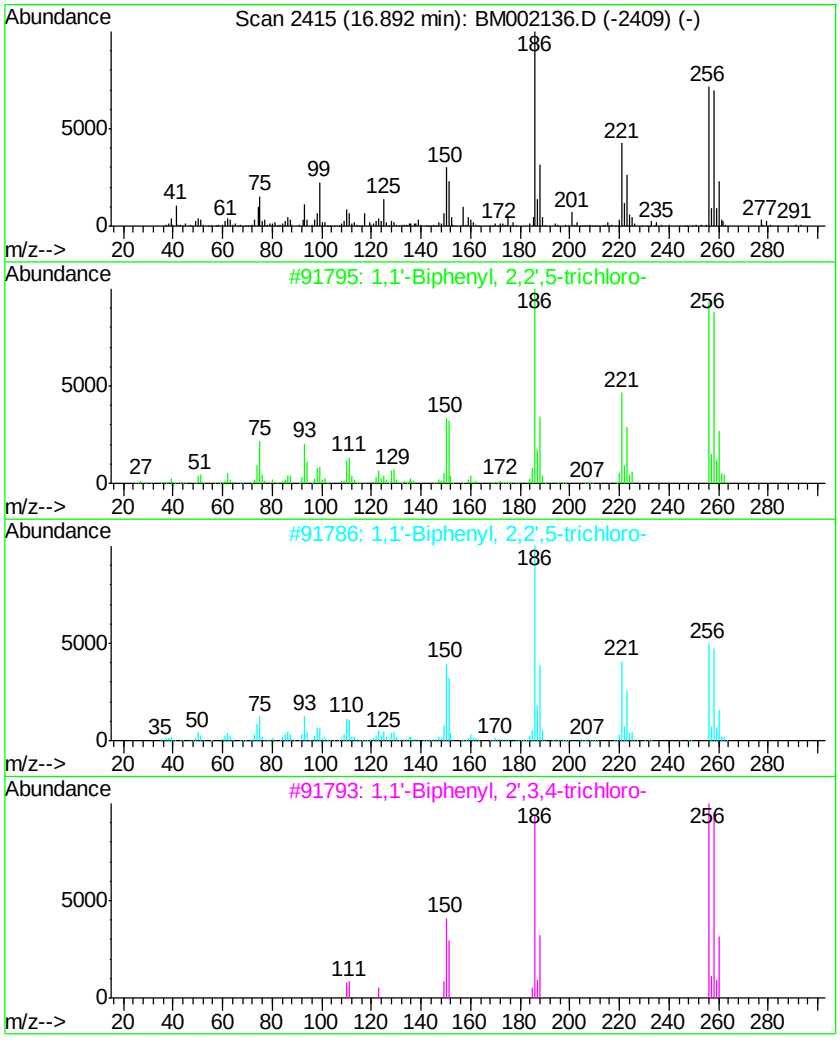
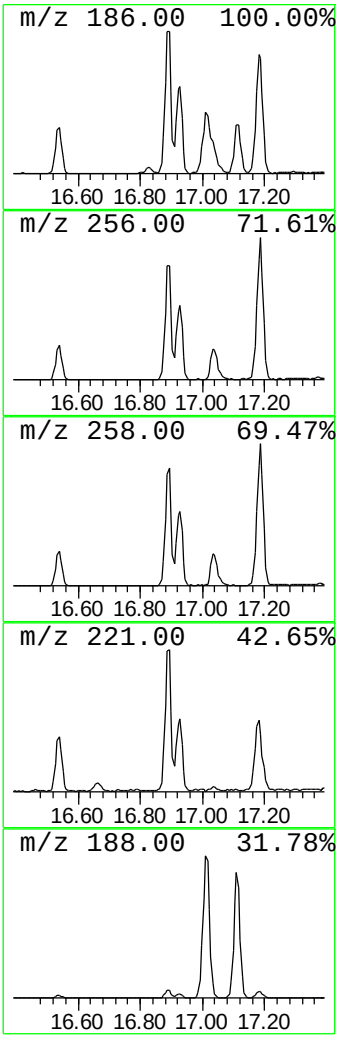
Peak Number 11 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	11.20 ng/ul	1147220	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
4	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	95
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94





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Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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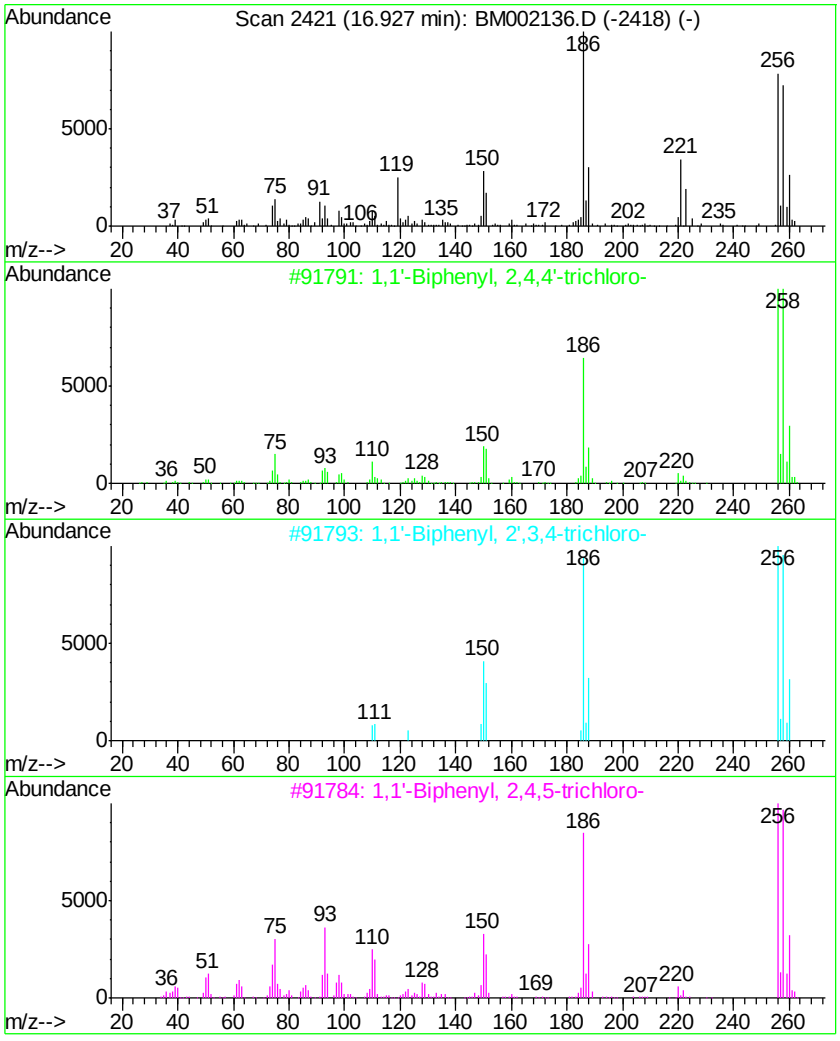
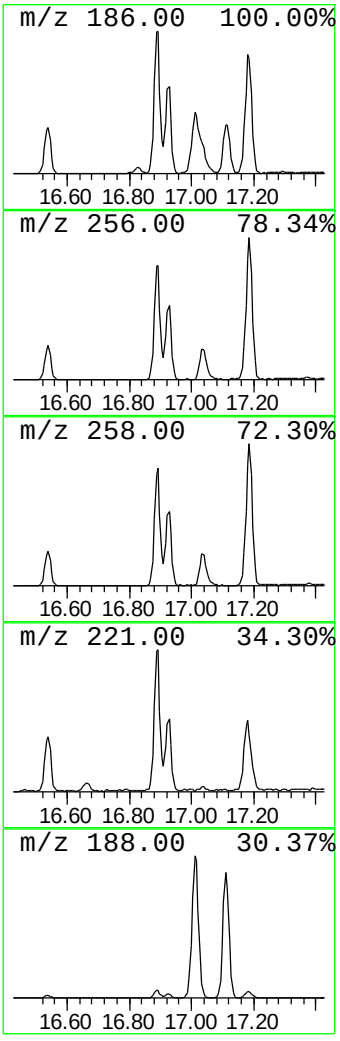
Peak Number 12 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	4.25 ng/ul	434830	Phenanthrene-d10	17.01

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	038444-86-9	96
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	93
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	93
5	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	91





Library Search Compound Report

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Sample : G3030-19RE
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Instrument : BNA_M
ClientSampleId : C02K0RE

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Quant Title : SVOA CALIBRATION

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

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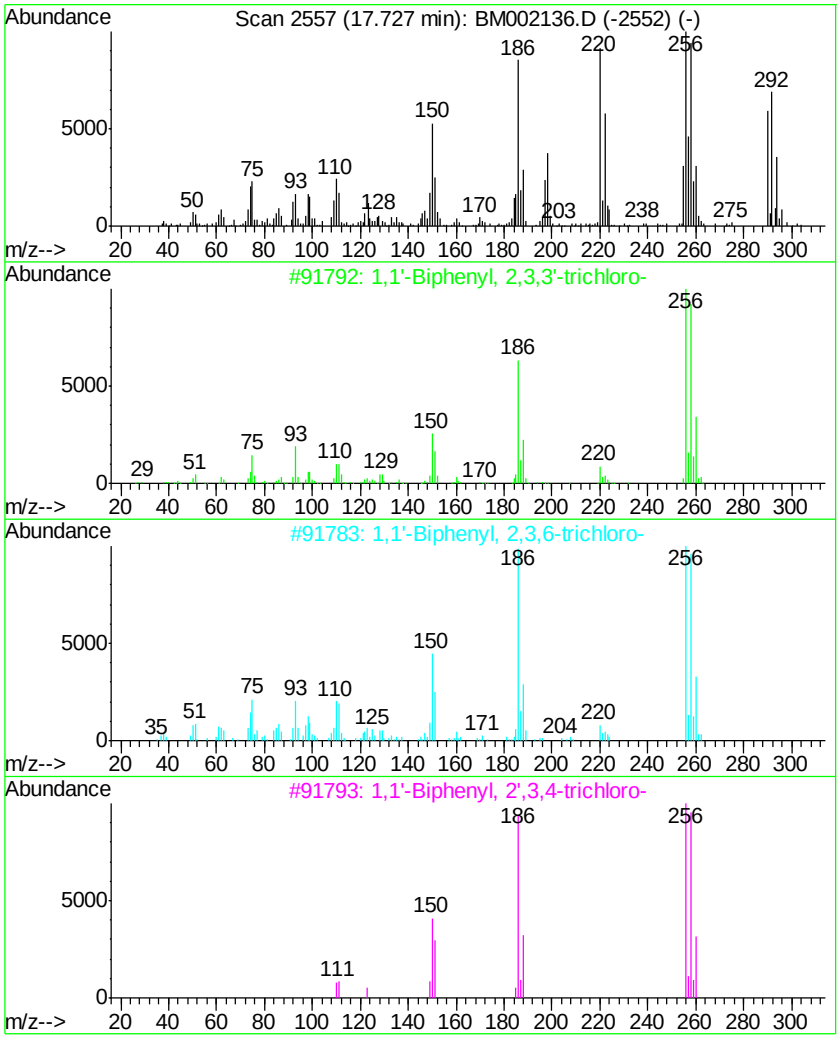
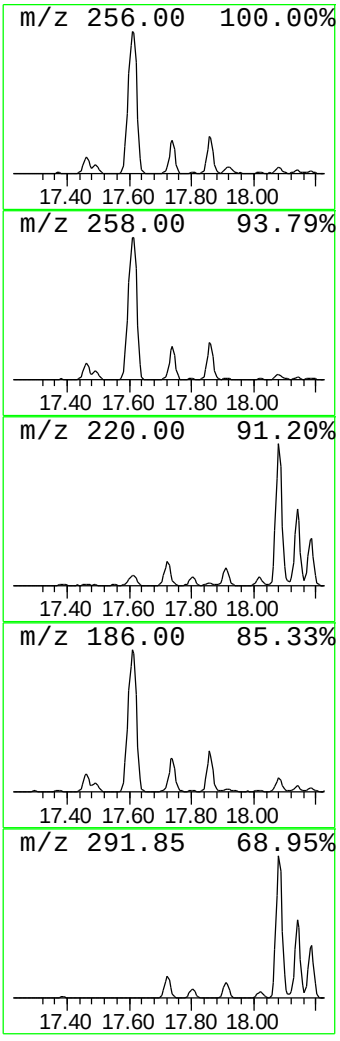
Peak Number 14 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	6.95 ng/ul	711628	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	98
2	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	97
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
4	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	96
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	95





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Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

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Quant Title : SVOA CALIBRATION

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

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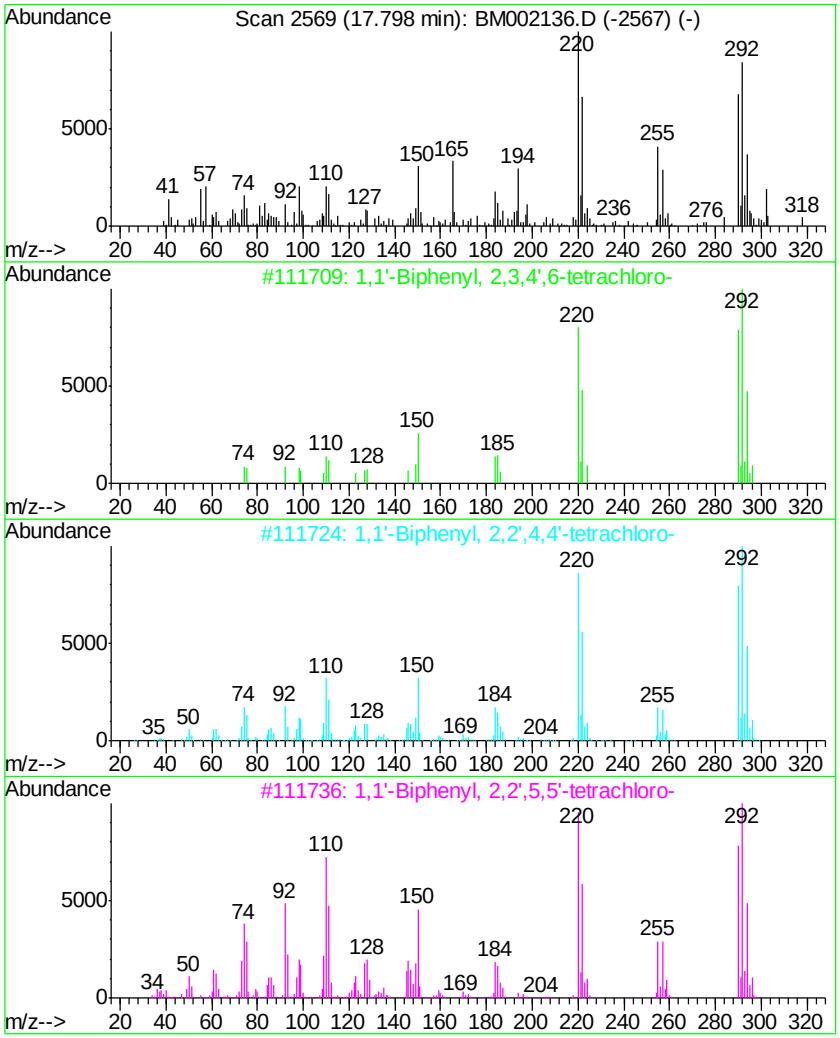
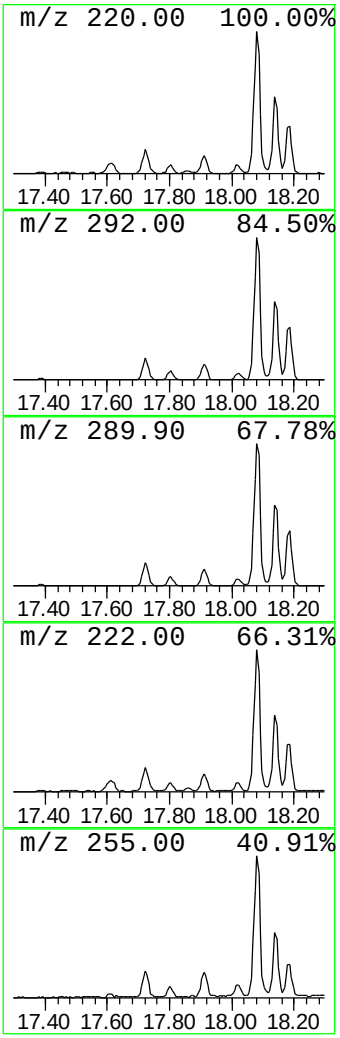
Peak Number 15 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.59 ng/ul	265219	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95





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ClientSampleId : C02K0RE

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Quant Title : SVOA CALIBRATION

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

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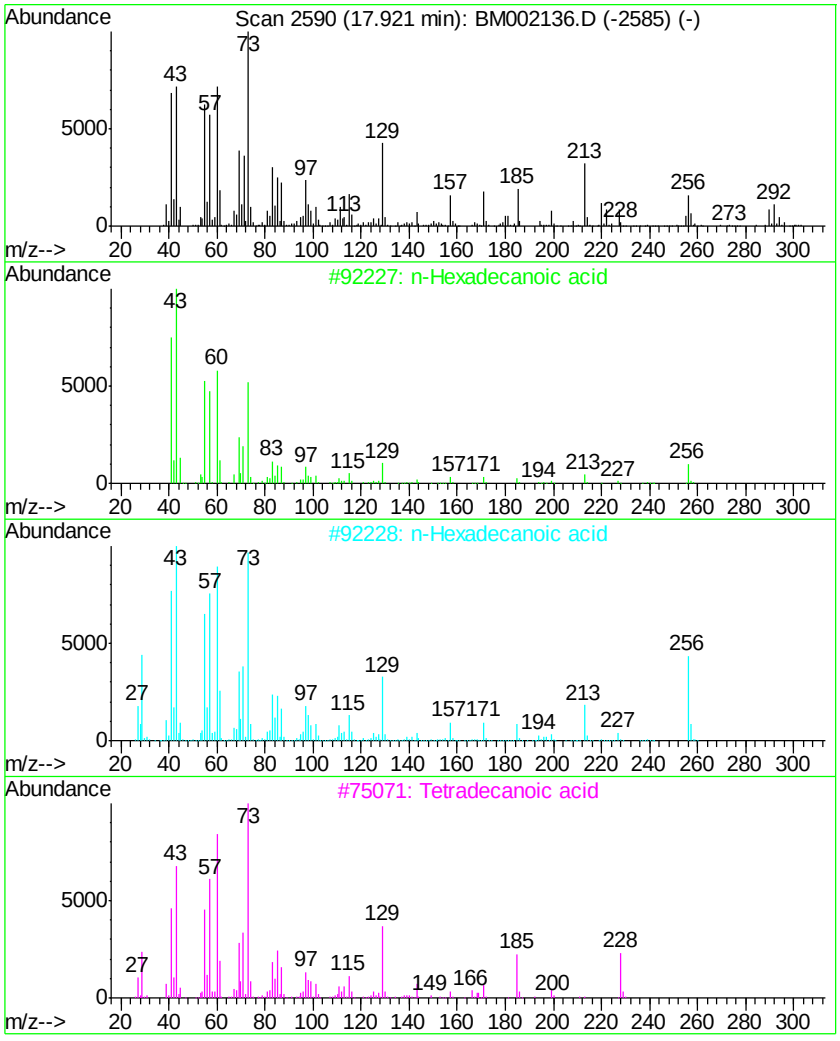
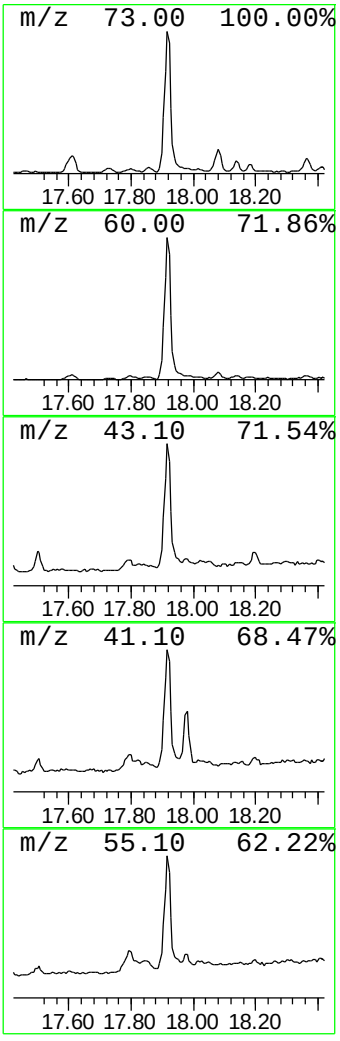
Peak Number 17 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	17.78 ng/ul	1820460	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Quant Title : SVOA CALIBRATION

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

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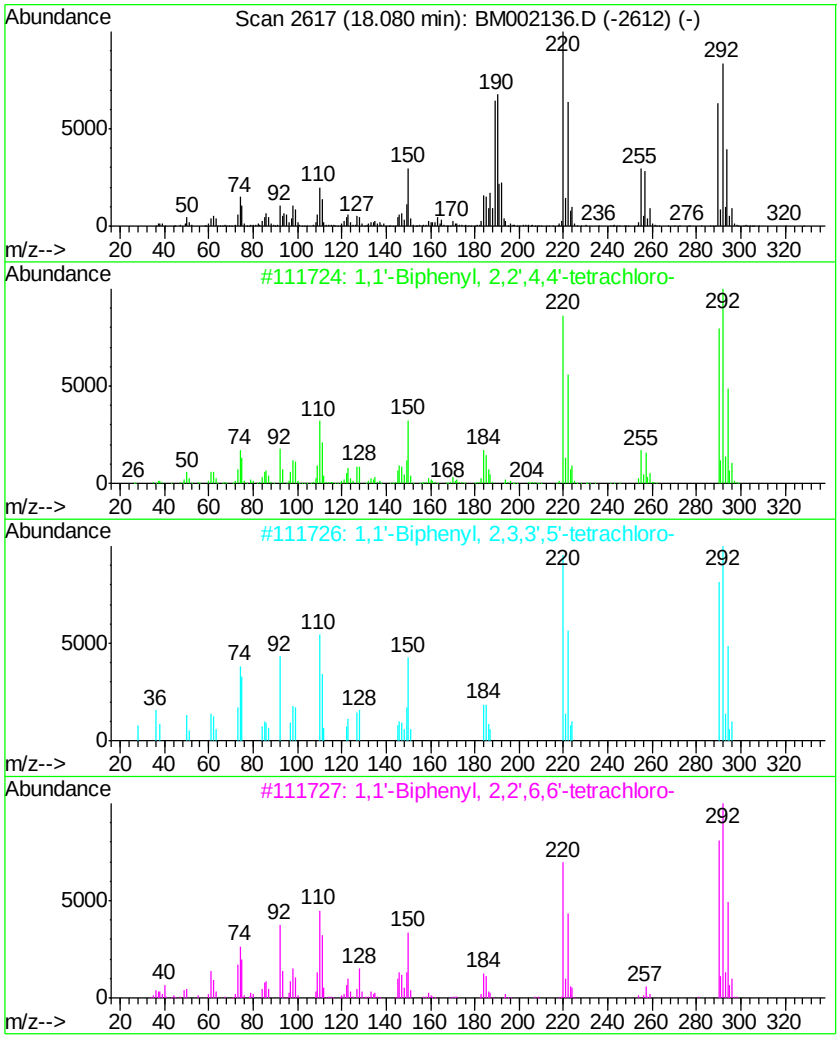
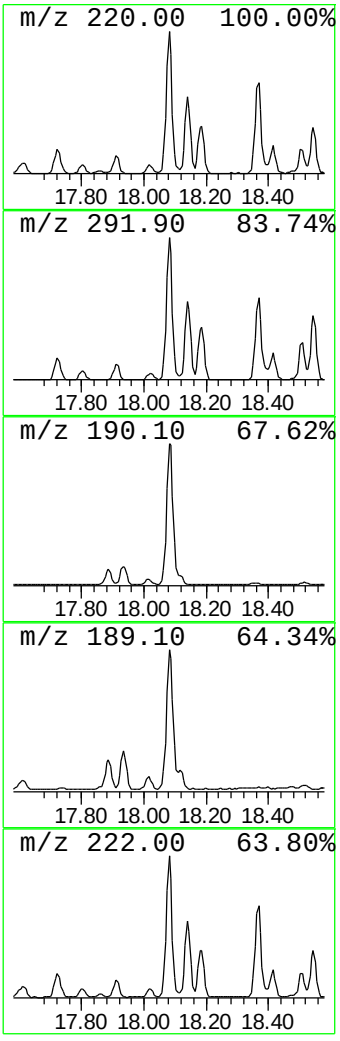
Peak Number 18 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	24.59 ng/ul	2517400	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99





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Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

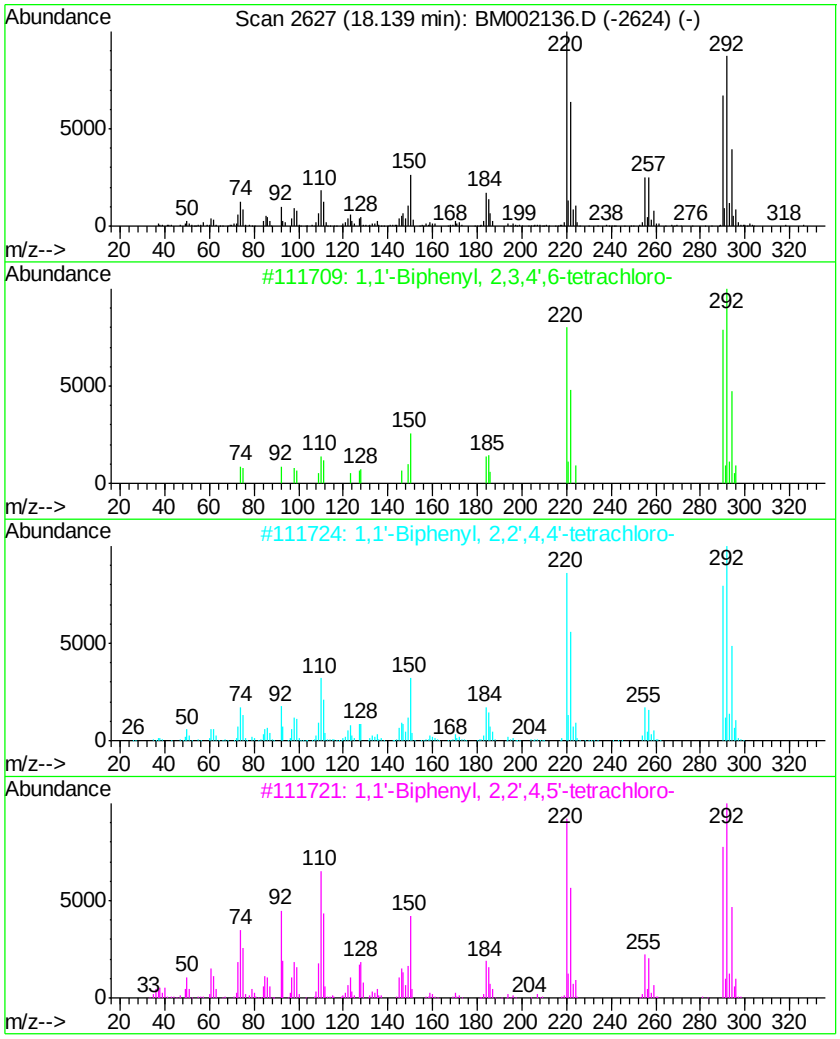
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

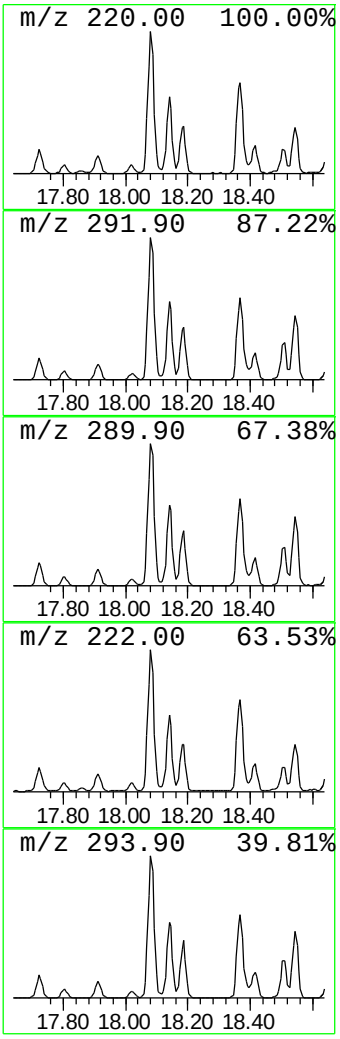
****

Peak Number 19 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	9.30 ng/ul	951824	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

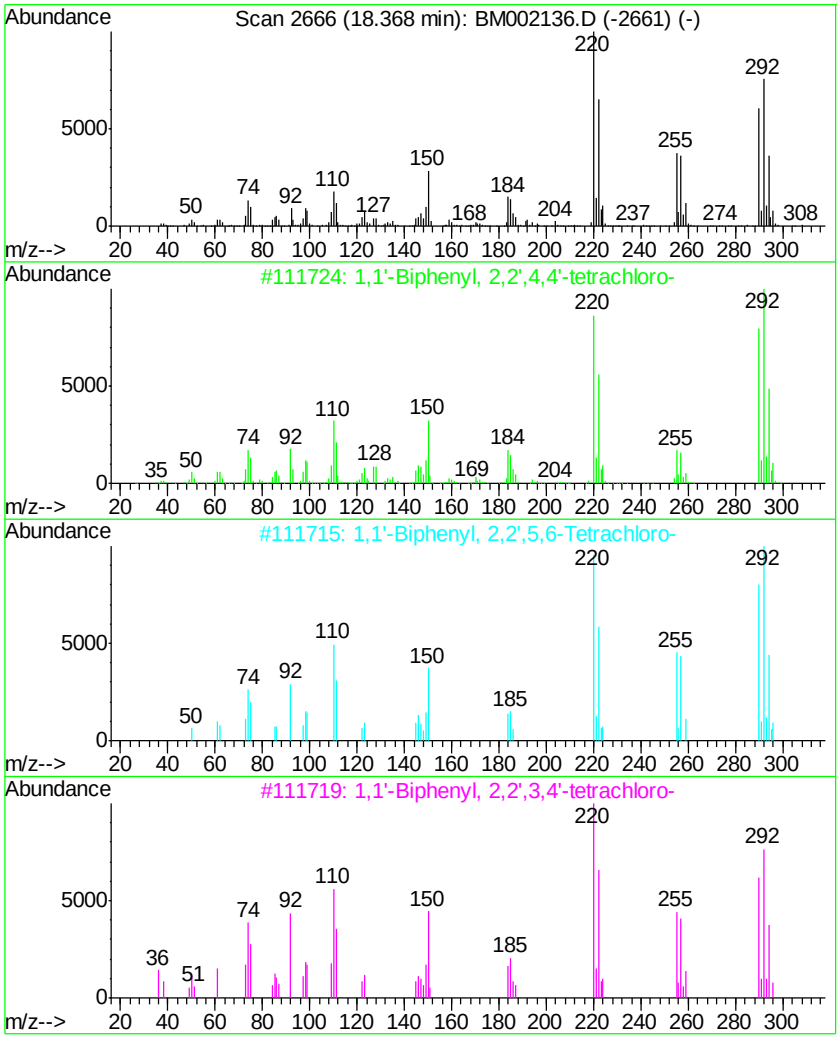
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

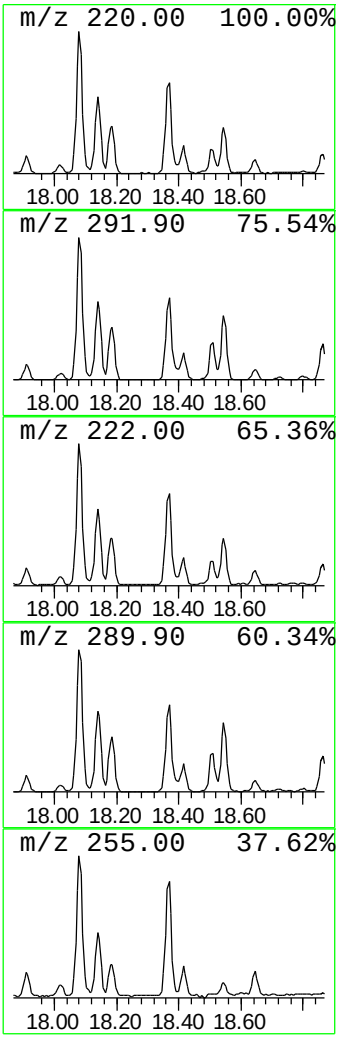
****

Peak Number 21 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	14.33 ng/ul	1466860	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

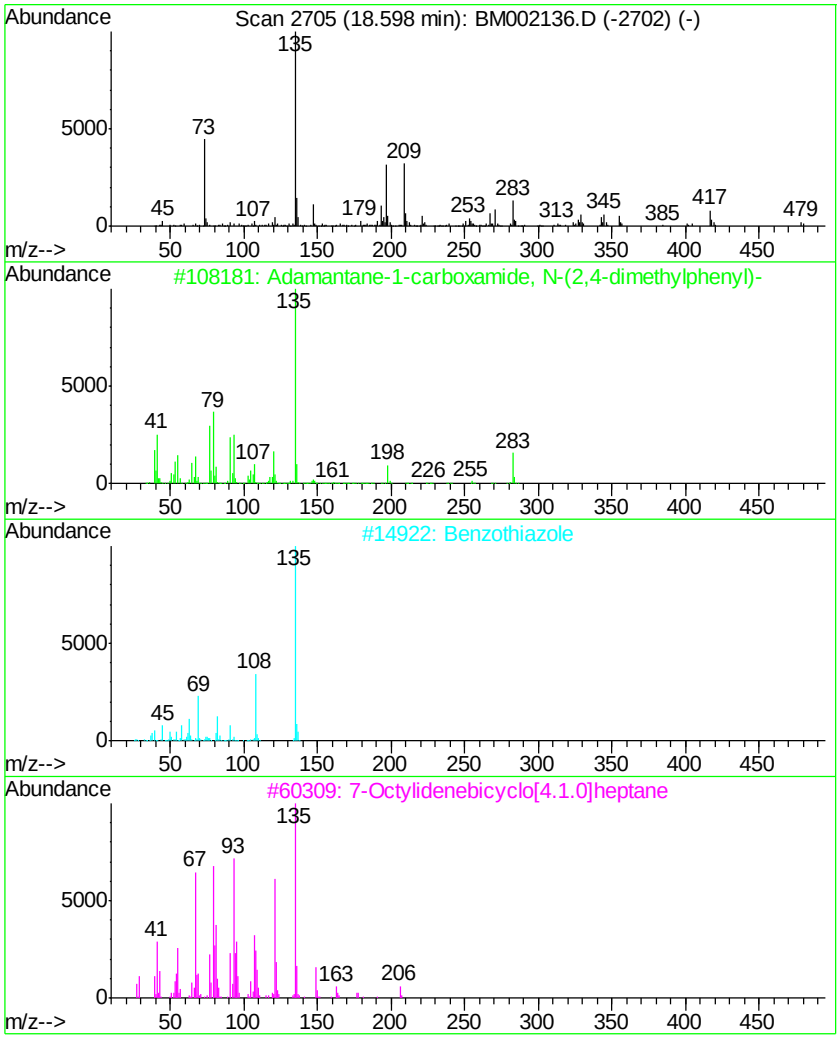
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

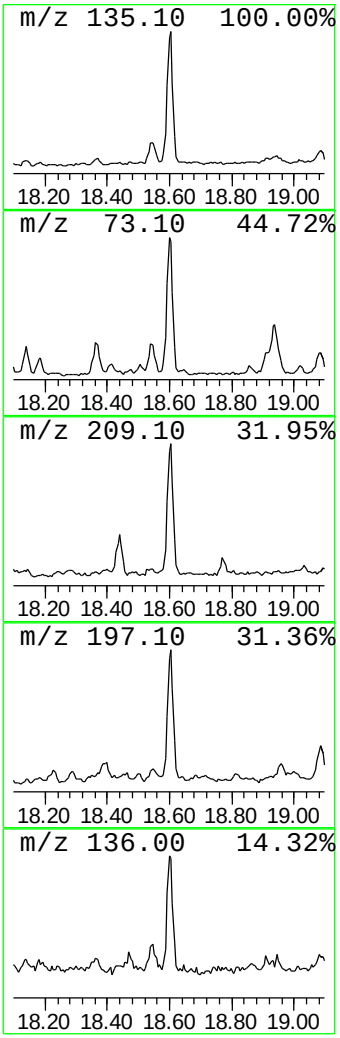
****

Peak Number 23 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.82 ng/ul	391163	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxamide, N-(2,4...	283	C19H25NO	300712-68-9	49
2	Benzothiazole	135	C7H5NS	000095-16-9	46
3	7-Octylidenebicyclo[4.1.0]heptane	206	C15H26	082253-11-0	46
4	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	43
5	Oxiranecarboxylic acid, 3-phenyl...	192	C11H12O3	000121-39-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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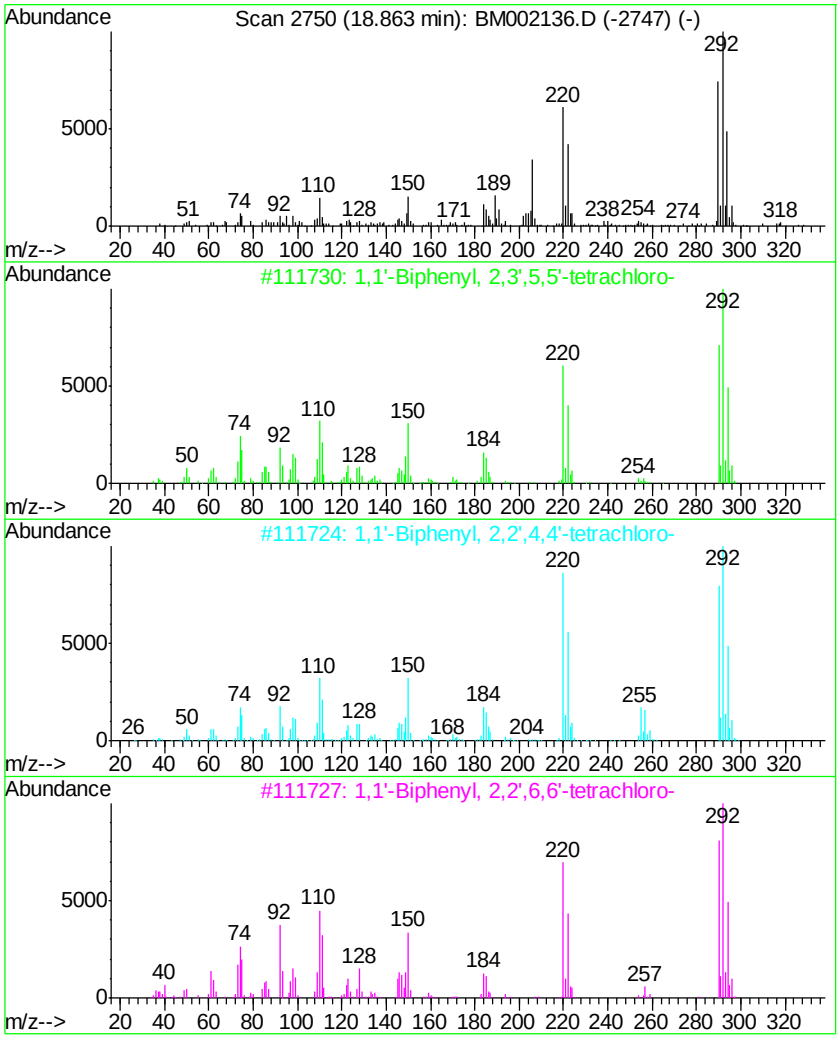
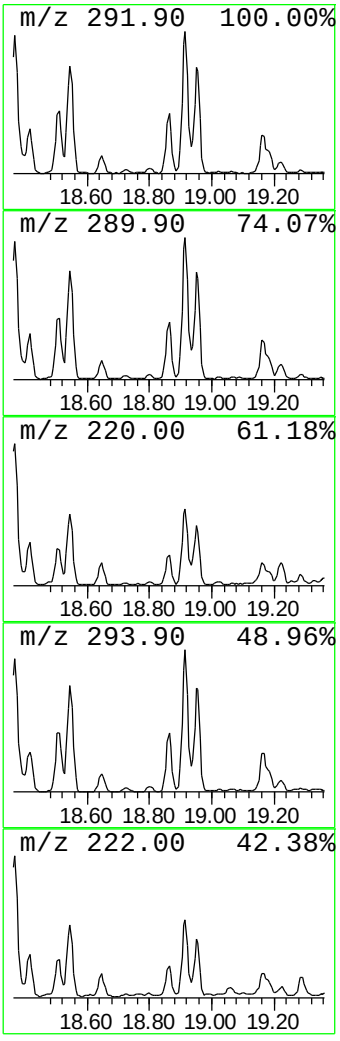
Peak Number 24 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.21 ng/ul	225913	Phenanthrene-d10	17.01

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	96
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	96
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95





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Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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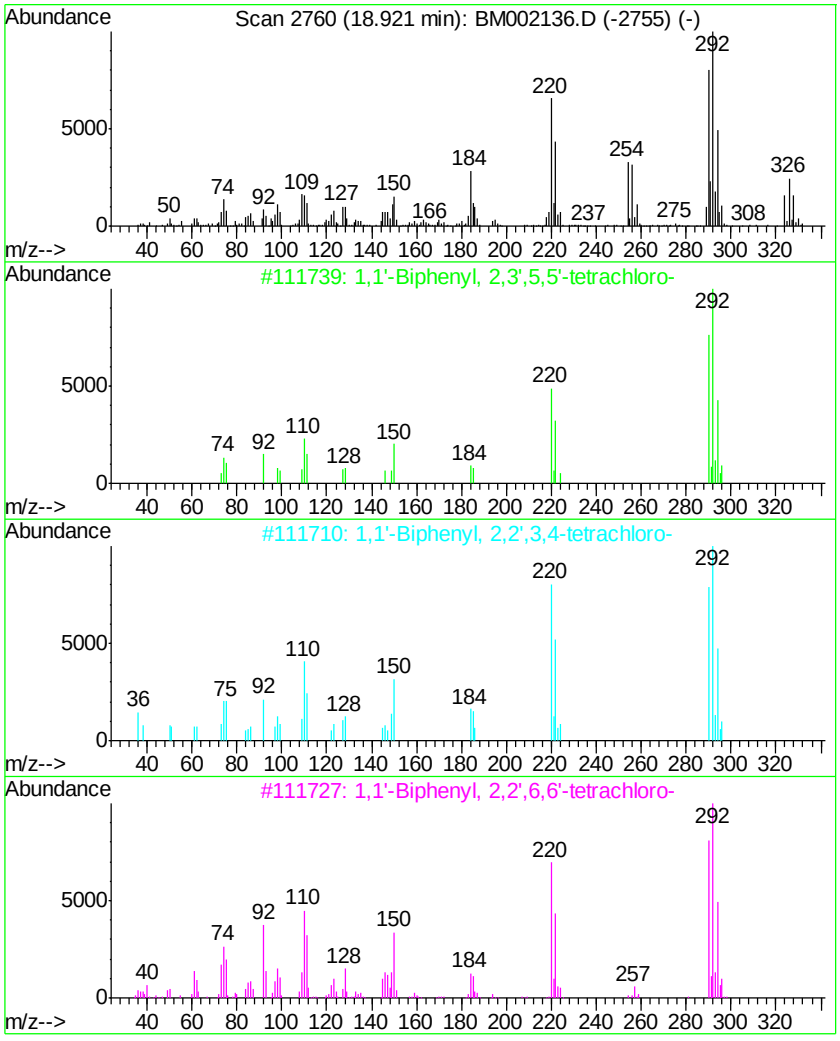
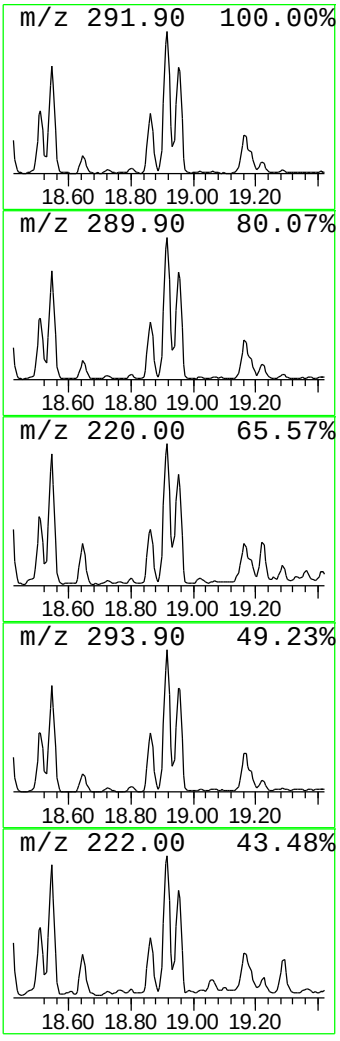
Peak Number 25 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	6.67 ng/ul	682733	Phenanthrene-d10	17.01

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',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99





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Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

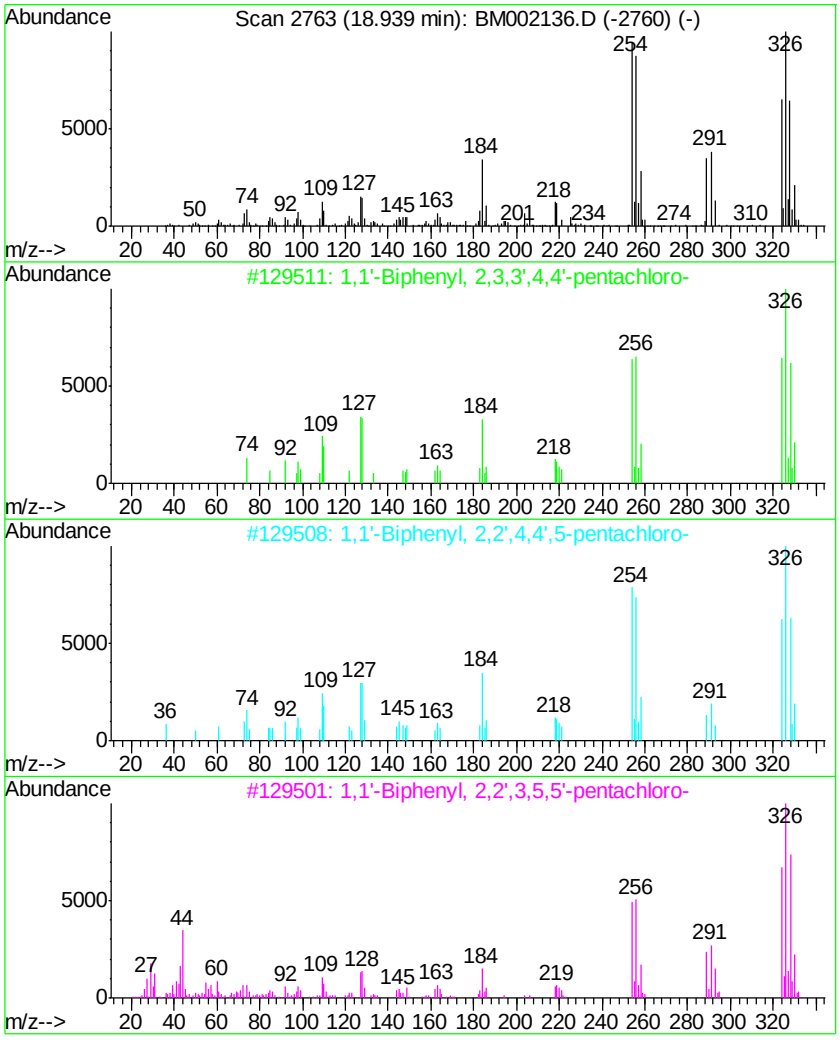
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

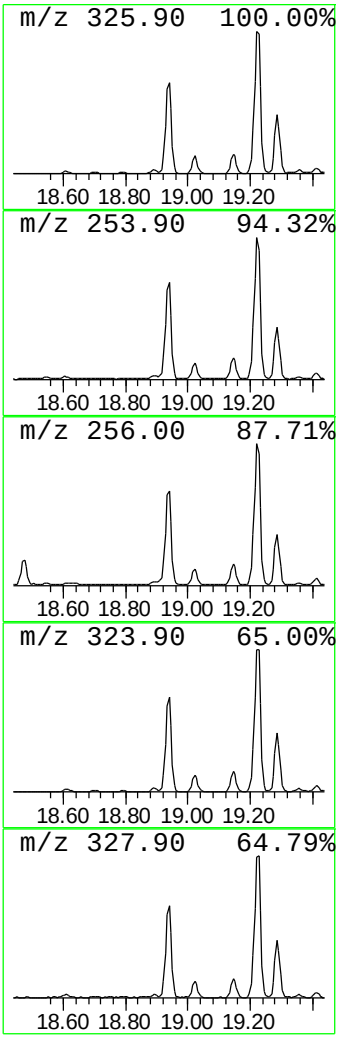
****

Peak Number 26 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	24.69 ng/ul	2528630	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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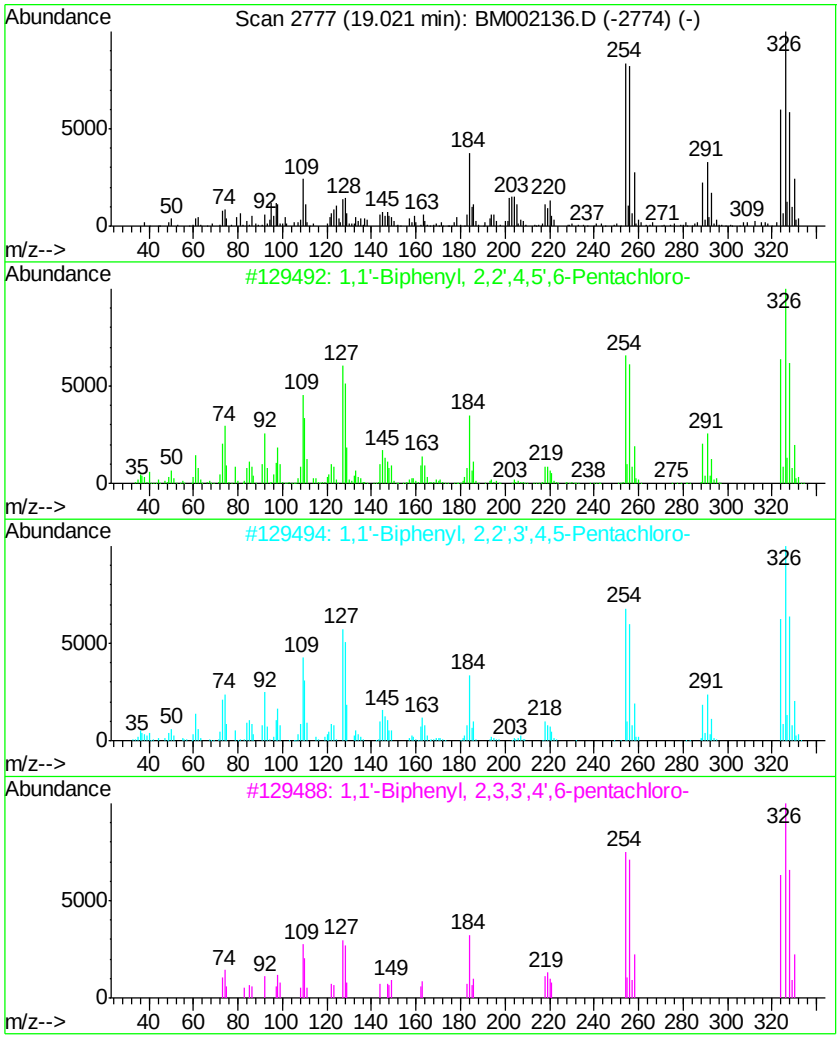
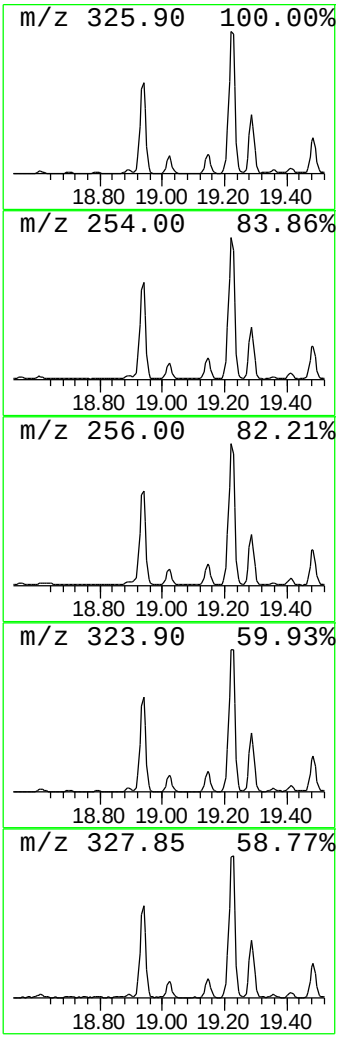
Peak Number 27 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	2.57 ng/ul	263330	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

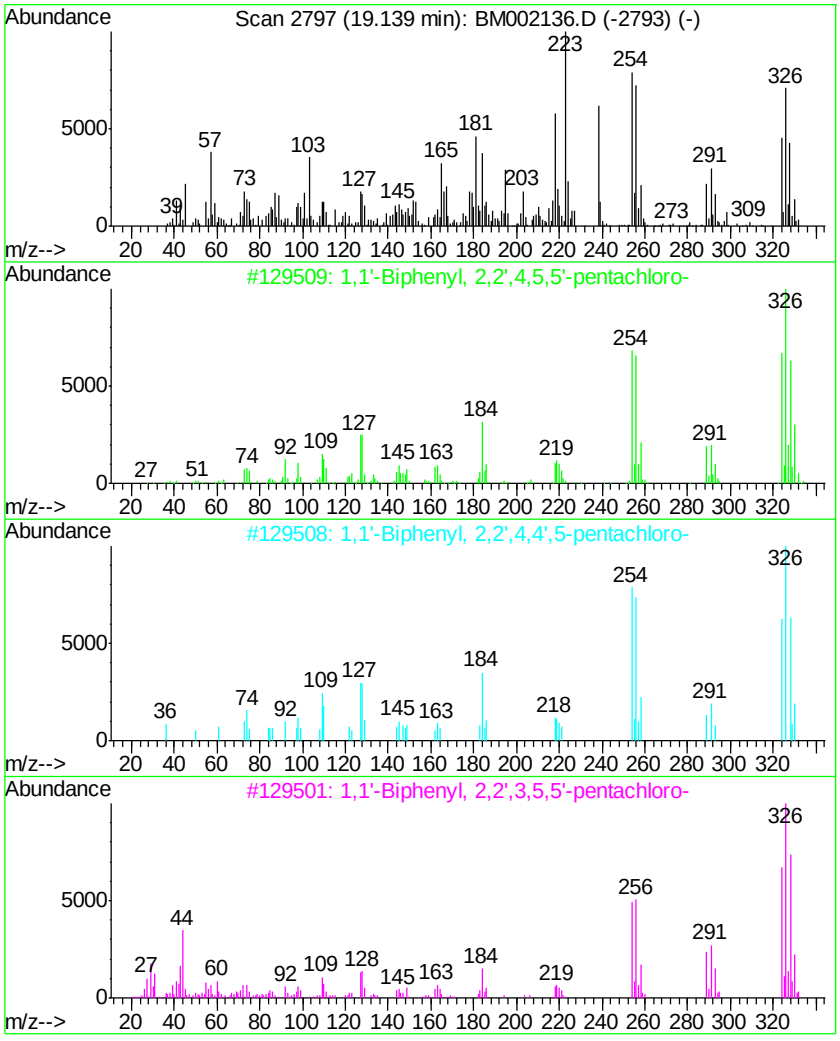
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

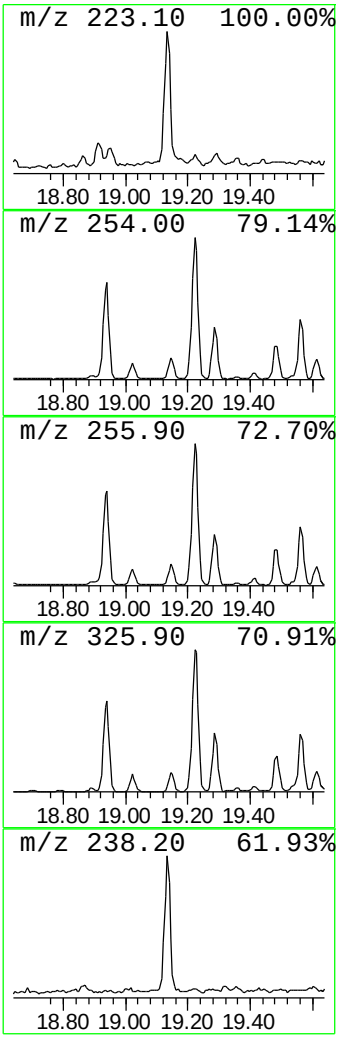
****

Peak Number 28 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.32 ng/ul	714183	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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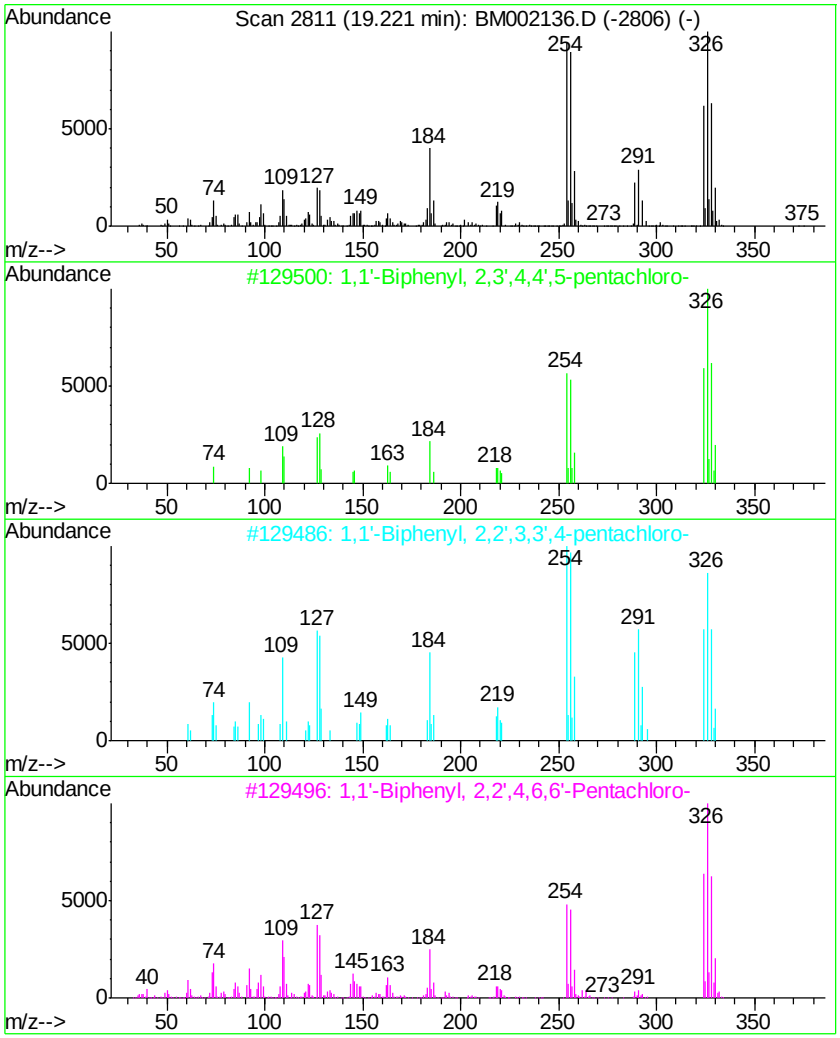
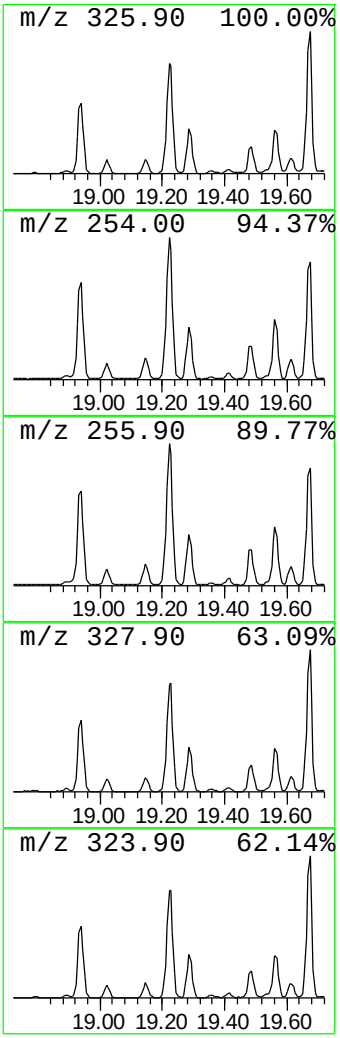
Peak Number 29 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	7.77 ng/ul	2387670	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
2	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	94
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	94
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	94
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
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Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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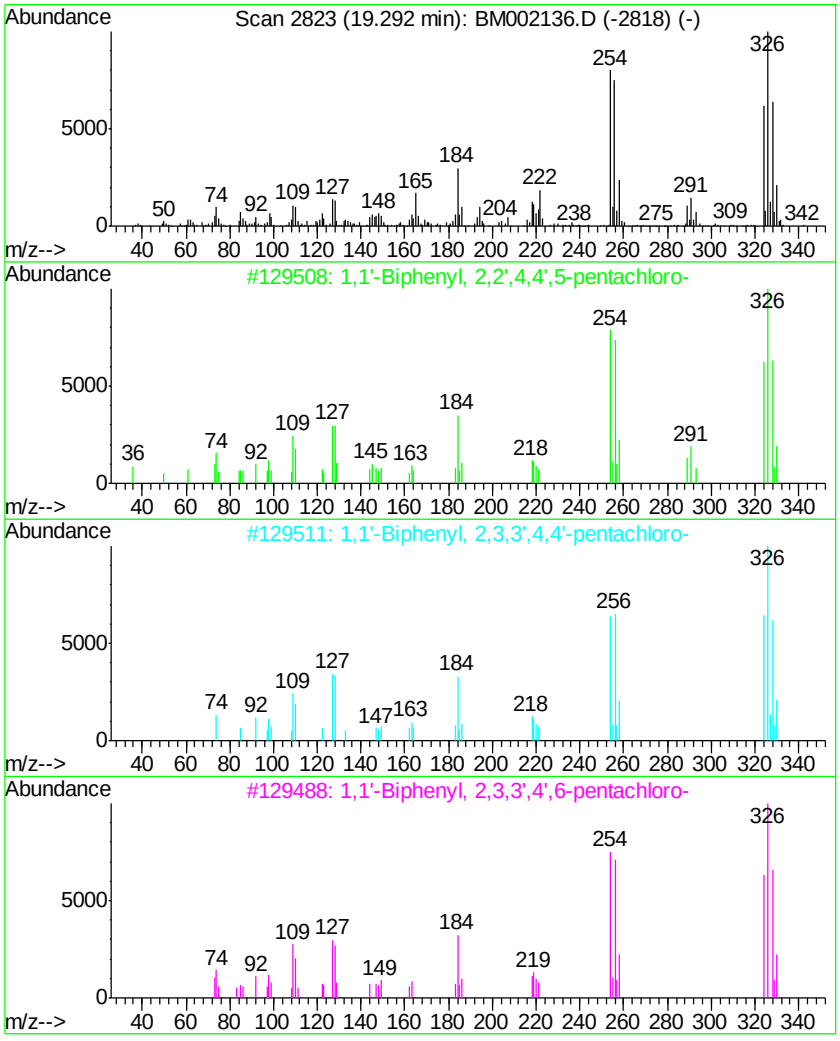
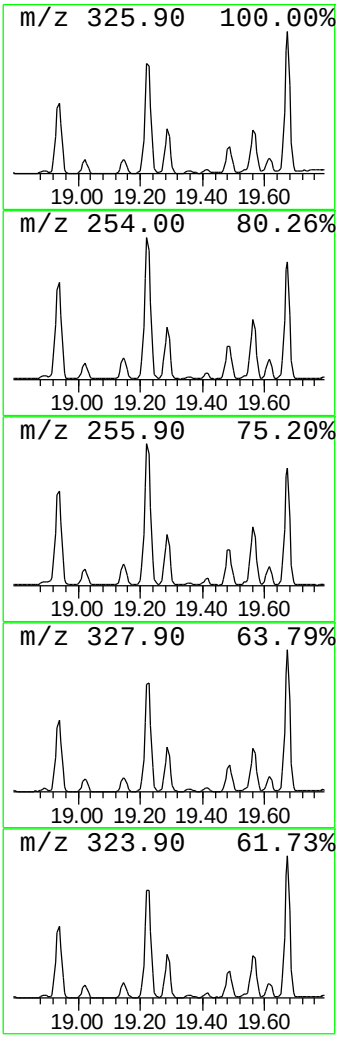
Peak Number 30 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.42 ng/ul	743533	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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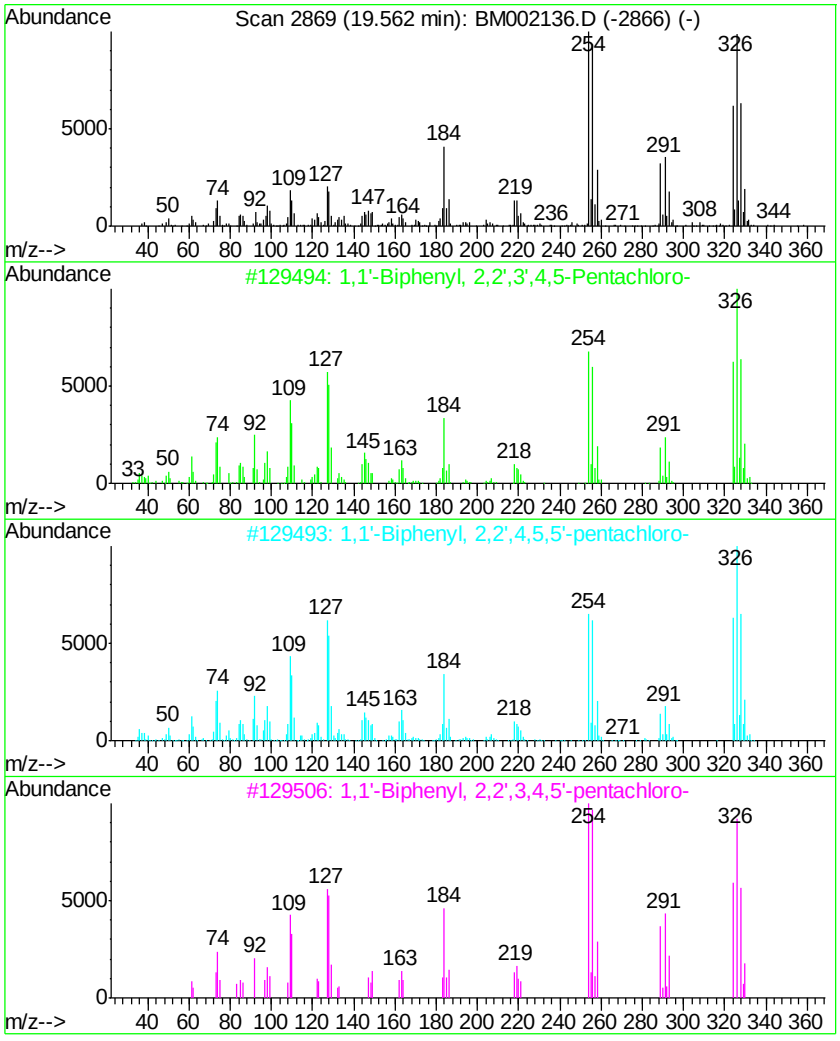
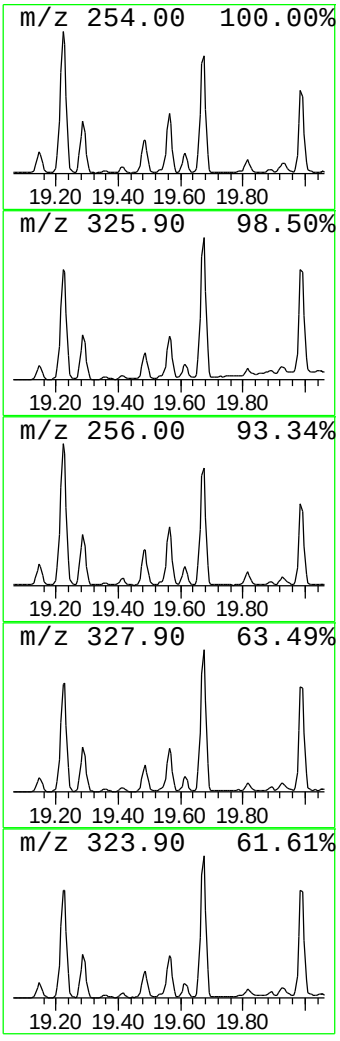
Peak Number 31 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.11 ng/ul	647344	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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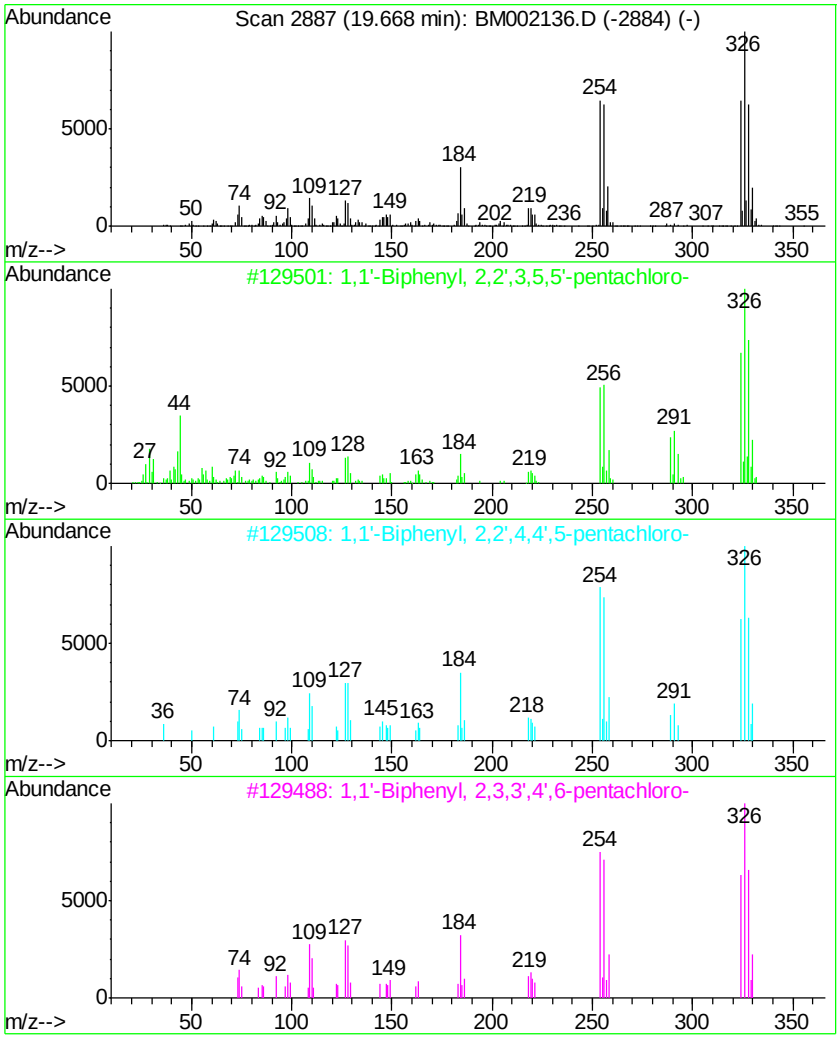
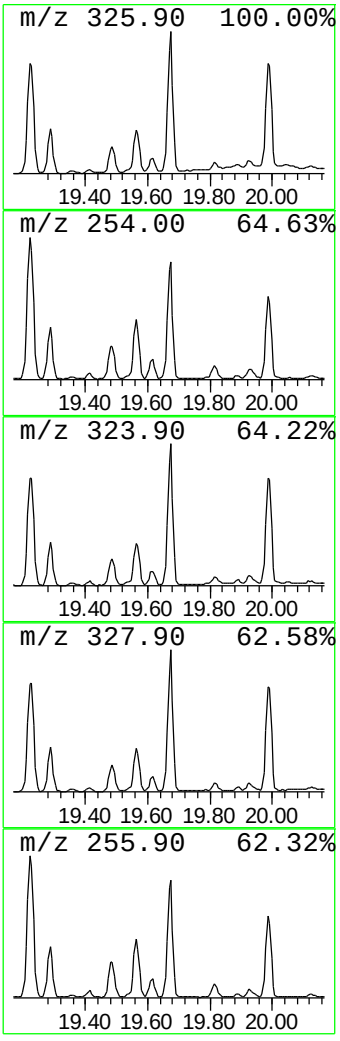
Peak Number 32 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	6.28 ng/ul	1928360	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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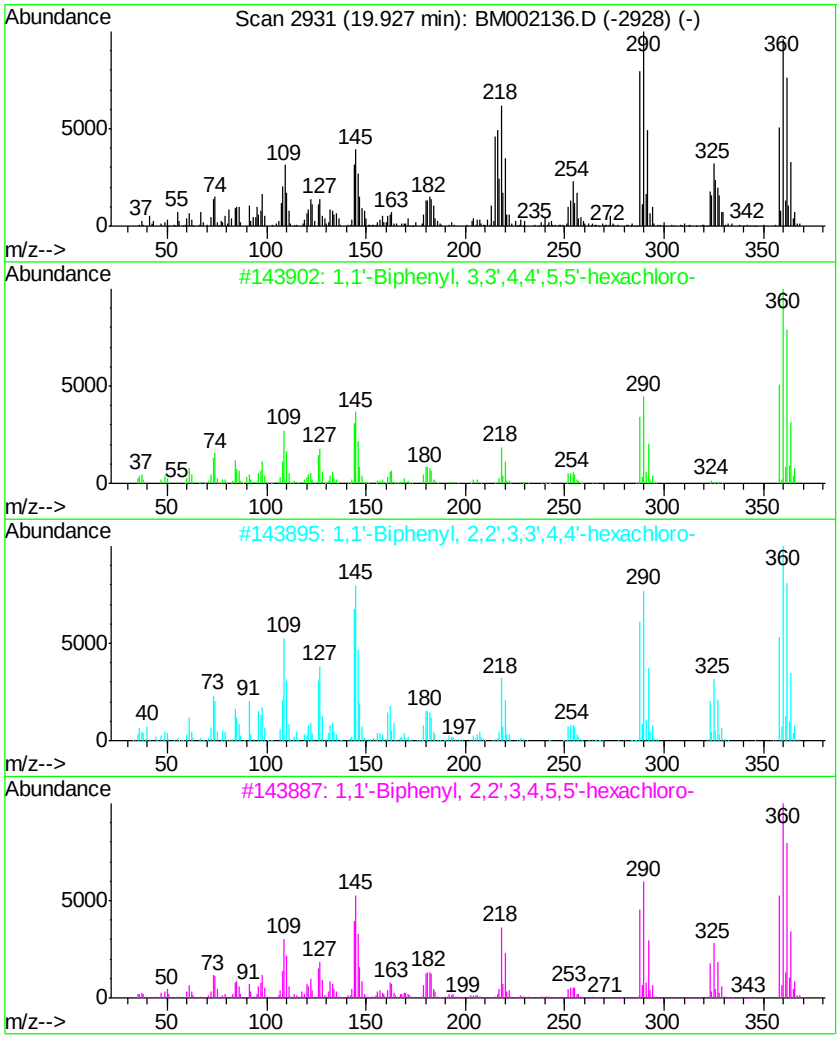
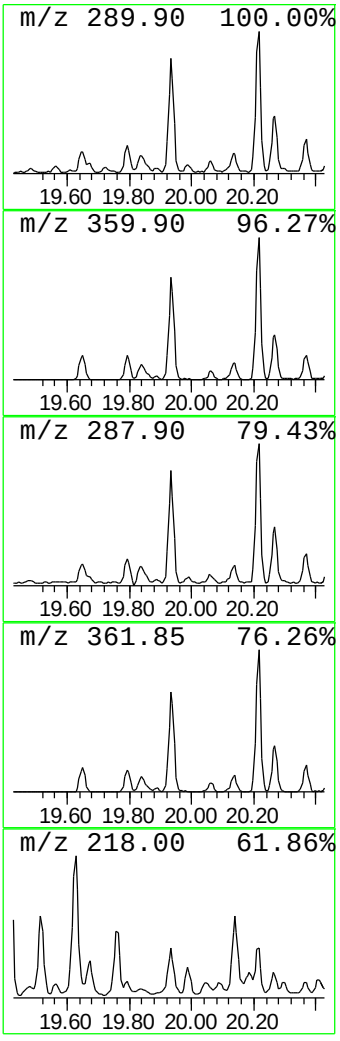
Peak Number 33 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	5.25 ng/ul	1612960	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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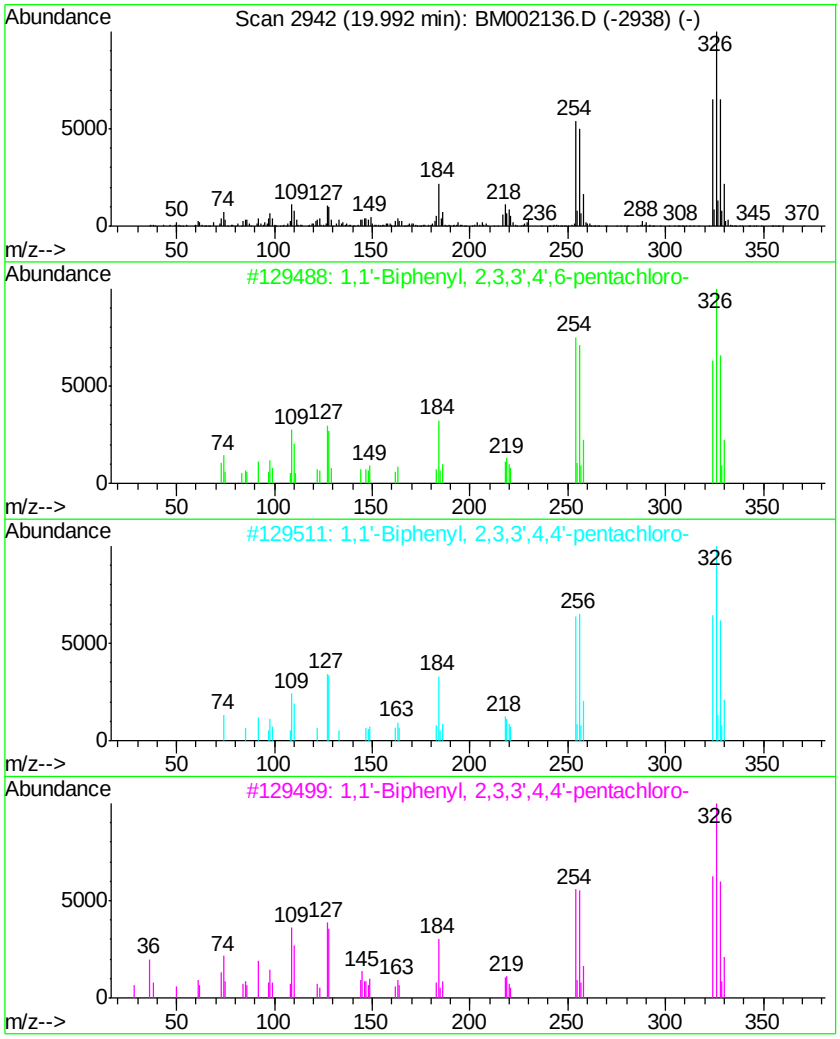
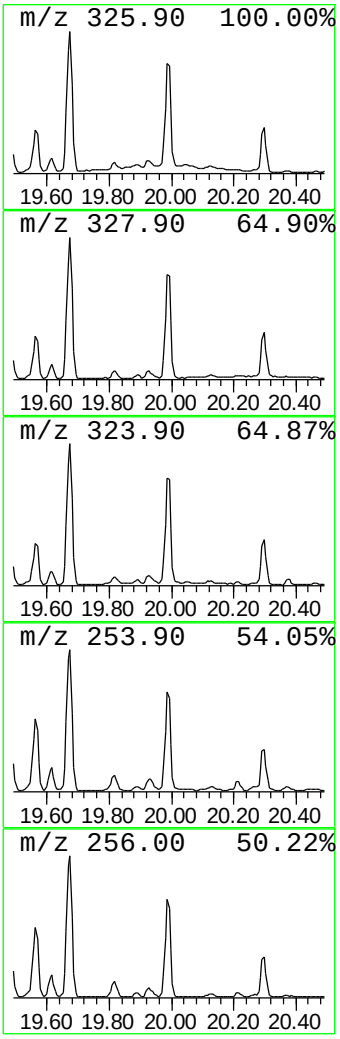
Peak Number 34 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.95 ng/ul	1214000	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002136.D
Acq On : 30 Jul 2015 14:51
Operator : TP/UM
Sample : G3030-19RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02K0RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Methyl Isobutyl K...	3.40	2.4	ng/ul	102293	1	7.59	849291	20.0
Benzene, 1,2,3-tr...	7.23	2.4	ng/ul	102991	1	7.59	849291	20.0
1,1'-Biphenyl, 2,...	15.52	5.0	ng/ul	447768	3	14.26	1804220	20.0
Diphenyl carbonate	16.11	2.8	ng/ul	285637	4	17.01	2047890	20.0
1,1'-Biphenyl, 3,...	16.24	2.7	ng/ul	275391	4	17.01	2047890	20.0
1H-Indene, 2,3-di...	16.30	2.1	ng/ul	213325	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	16.54	4.5	ng/ul	461658	4	17.01	2047890	20.0
9H-Fluoren-9-one	16.67	2.0	ng/ul	205826	4	17.01	2047890	20.0
2-Propanol, 1-chl...	16.77	11.7	ng/ul	1195350	4	17.01	2047890	20.0
Dibenzothiophene	16.83	2.4	ng/ul	245395	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	16.89	11.2	ng/ul	1147220	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	16.93	4.3	ng/ul	434830	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	17.73	7.0	ng/ul	711628	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	17.80	2.6	ng/ul	265219	4	17.01	2047890	20.0
n-Hexadecanoic acid	17.92	17.8	ng/ul	1820460	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	18.08	24.6	ng/ul	2517400	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	18.14	9.3	ng/ul	951824	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	18.37	14.3	ng/ul	1466860	4	17.01	2047890	20.0
unknown-01	18.60	3.8	ng/ul	391163	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	18.86	2.2	ng/ul	225913	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	18.92	6.7	ng/ul	682733	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	18.94	24.7	ng/ul	2528630	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	19.02	2.6	ng/ul	263330	4	17.01	2047890	20.0
1,1'-Biphenyl, 2,...	19.14	2.3	ng/ul	714183	5	21.22	6144050	20.0
1,1'-Biphenyl, 2,...	19.22	7.8	ng/ul	2387670	5	21.22	6144050	20.0
1,1'-Biphenyl, 2,...	19.29	2.4	ng/ul	743533	5	21.22	6144050	20.0
1,1'-Biphenyl, 2,...	19.56	2.1	ng/ul	647344	5	21.22	6144050	20.0
1,1'-Biphenyl, 2,...	19.67	6.3	ng/ul	1928360	5	21.22	6144050	20.0
1,1'-Biphenyl, 3,...	19.93	5.3	ng/ul	1612960	5	21.22	6144050	20.0
1,1'-Biphenyl, 2,...	19.99	4.0	ng/ul	1214000	5	21.22	6144050	20.0