LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	61	64	70	rBV	36265	54852	0.90%	0.065%
2	4.045	201	205	209	rBV	40886	57058	0.94%	0.068%
3	4.274	239	244	255	rVB	44095	78433	1.29%	0.093%
4	5.596	463	469	473	rVB	22008	37427	0.62%	0.045%
5	5.725	485	491	500	rVB3	47595	115789	1.90%	0.138%
6	6.089	545	553	561	rBV5	41598	85033	1.40%	0.101%
7	7.059	711	718	725	rBV6	27870	66597	1.10%	0.079%
8	7.229	740	747	755	rVV	381346	693150	11.40%	0.825%
9	7.400	766	776	784	rBV	278196	474138	7.80%	0.565%
10	7.605	802	811	818	rBV	349048	621669	10.23%	0.740%
11	7.699	822	827	829	rBV	46617	70732	1.16%	0.084%
12	7.723	829	831	842	rVB	49927	80500	1.32%	0.096%
13	8.075	884	891	899	rVV	456854	811815	13.35%	0.967%
14	8.199	907	912	921	rVV5	20925	37341	0.61%	0.044%
15	8.569	970	975	980	rBV6	20830	37438	0.62%	0.045%
16	8.628	980	985	995	rVB4	35733	85561	1.41%	0.102%
17	8.716	995	1000	1003	rBV3	37641	65490	1.08%	0.078%
18	8.774	1003	1010	1016	rVV	417896	707485	11.64%	0.842%
19	8.839	1016	1021	1026	rVV2	45508	81690	1.34%	0.097%
20	8.898	1026	1031	1037	rVB2	35014	64449	1.06%	0.077%
21	9.186	1072	1080	1082	rBV5	43653	79853	1.31%	0.095%
22	9.233	1082	1088	1095	rVV	344351	620842	10.21%	0.739%
23	9.309	1097	1101	1104	rVV2	61672	90008	1.48%	0.107%
24	9.339	1104	1106	1112	rVB3	22685	31296	0.51%	0.037%
25	9.444	1118	1124	1131	rVB3	15830	40444	0.67%	0.048%
26	9.662	1155	1161	1165	rBV6	20884	37310	0.61%	0.044%
27	9.715	1165	1170	1175	rVV6	20868	34670	0.57%	0.041%
28	9.767	1175	1179	1184	rVV2	32765	51097	0.84%	0.061%
29	9.955	1202	1211	1218	rBV	297744	551164	9.07%	0.656%
30	10.085	1228	1233	1237	rVV6	24267	43971	0.72%	0.052%
31	10.284	1261	1267	1275	rVV5	36807	90460	1.49%	0.108%
32	10.343	1275	1277	1285	rVB6	26426	42101	0.69%	0.050%
33	10.496	1295	1303	1313	rVB	483514	886974	14.59%	1.056%
34	10.578	1313	1317	1326	rBV2	21265	40090	0.66%	0.048%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

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

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

35	10.743	1339	1345	1351	rBV10	25314	63944	1.05%	0.076%
36	10.884	1359	1369	1374	rBV	669044	1327374	21.84%	1.580%
37	10.931	1374	1377	1384	rVV	223186	379391	6.24%	0.452%
38	11.007	1384	1390	1401	rVV2	112306	251475	4.14%	0.299%
39	11.718	1506	1511	1514	rVV7	19709	35223	0.58%	0.042%
40	11.794	1518	1524	1531	rBV7	37564	81715	1.34%	0.097%
41	11.906	1538	1543	1546	rBV4	27434	42486	0.70%	0.051%
42	12.294	1604	1609	1616	rVB	60456	85385	1.40%	0.102%
43	12.529	1644	1649	1655	rVB	168201	280285	4.61%	0.334%
44	12.752	1680	1687	1696	rVB	97249	168187	2.77%	0.200%
45	13.240	1765	1770	1775	rVB4	27853	47539	0.78%	0.057%
46	13.310	1777	1782	1785	rBV4	26678	37485	0.62%	0.045%
47	13.528	1810	1819	1826	rVB2	139137	236544	3.89%	0.282%
48	13.733	1849	1854	1863	rVB4	35633	86472	1.42%	0.103%
49	13.857	1871	1875	1884	rVB4	65302	173671	2.86%	0.207%
50	14.021	1898	1903	1908	rVV	81036	137030	2.25%	0.163%
51	14.098	1908	1916	1920	rBV	749670	1194436	19.65%	1.422%
52	14.145	1920	1924	1929	rVB	473003	658448	10.83%	0.784%
53	14.227	1934	1938	1939	rBV3	31003	39321	0.65%	0.047%
54	14.391	1960	1966	1971	rBV	909992	1463431	24.07%	1.742%
55	14.532	1987	1990	1994	rVB6	32049	47897	0.79%	0.057%
56	14.591	1996	2000	2009	rBV	145713	218333	3.59%	0.260%
57	14.697	2009	2018	2024	rBV2	1002176	1708586	28.11%	2.034%
58	14.762	2024	2029	2036	rVB	205790	363180	5.97%	0.432%
59	14.873	2043	2048	2056	rBV3	285500	500271	8.23%	0.596%
60	15.026	2070	2074	2079	rBV5	58236	95041	1.56%	0.113%
61	15.091	2081	2085	2092	rVB	209236	327379	5.39%	0.390%
62	15.502	2150	2155	2159	rBV2	95759	171226	2.82%	0.204%
63	15.543	2159	2162	2166	rVB	149572	164992	2.71%	0.196%
64	15.684	2181	2186	2191	rBV	1120591	1659376	27.30%	1.976%
65	15.737	2191	2195	2200	rVV	265384	401277	6.60%	0.478%
66	15.790	2201	2204	2209	rVB2	127091	159433	2.62%	0.190%
67	15.948	2227	2231	2236	rVB3	132132	197819	3.25%	0.236%
68	16.037	2243	2246	2252	rVB4	81068	132000	2.17%	0.157%
69	16.407	2305	2309	2311	rBV	201681	308761	5.08%	0.368%
70	16.971	2401	2405	2409	rBV3	220009	296007	4.87%	0.352%
71	17.194	2440	2443	2447	rVB	304547	354092	5.82%	0.422%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

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

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

72	17.253	2449	2453	2458	rBV2	471033	669589	11.01%	0.797%
73	17.317	2460	2464	2467	rBV	421430	563011	9.26%	0.670%
74	17.441	2479	2485	2488	rBV	1009564	1754395	28.86%	2.089%
75	17.488	2488	2493	2497	rVV	2407994	3775812	62.11%	4.496%
76	17.541	2497	2502	2505	rVV2	1076289	1690107	27.80%	2.012%
77	17.576	2505	2508	2511	rVV	609558	839491	13.81%	1.000%
78	17.611	2511	2514	2521	rVB2	720477	1154151	18.99%	1.374%
79	18.040	2580	2587	2593	rBV	1738724	3417562	56.22%	4.069%
80	18.163	2603	2608	2614	rBV4	494983	919004	15.12%	1.094%
81	18.287	2626	2629	2632	rBV	467468	631899	10.39%	0.752%
82	18.340	2634	2638	2645	rVV3	1645924	3028672	49.82%	3.606%
83	18.404	2646	2649	2653	rVB	736034	865233	14.23%	1.030%
84	18.510	2662	2667	2671	rBV2	2006576	3017775	49.64%	3.593%
85	18.569	2673	2677	2681	rVV2	1031908	1517138	24.96%	1.806%
86	18.610	2681	2684	2690	rVB2	770866	1140671	18.76%	1.358%
87	18.792	2711	2715	2720	rBV2	1136302	1799544	29.60%	2.143%
88	18.963	2741	2744	2748	rVB	736103	880168	14.48%	1.048%
89	19.321	2802	2805	2807	rBV2	691841	857964	14.11%	1.022%
90	19.350	2807	2810	2819	rVB3	1546347	2587584	42.57%	3.081%
91	19.491	2829	2834	2839	rBV	3850378	6078933	100.00%	7.238%
92	19.544	2839	2843	2849	rVV	2410359	3550247	58.40%	4.227%
93	19.626	2851	2857	2863	rVB2	2022253	3664233	60.28%	4.363%
94	19.826	2887	2891	2893	rBV4	1747188	2696846	44.36%	3.211%
95	19.856	2893	2896	2900	rVB	2956184	3956223	65.08%	4.711%
96	20.073	2930	2933	2939	rVB2	1602564	2006181	33.00%	2.389%
97	20.337	2975	2978	2983	rVV3	1354249	1696173	27.90%	2.020%
98	20.384	2983	2986	2990	rVB	1297943	1523386	25.06%	1.814%
99	21.618	3192	3196	3201	rVB	2373686	3199219	52.63%	3.809%
100	21.706	3207	3211	3217	rBV3	1820535	3642475	59.92%	4.337%

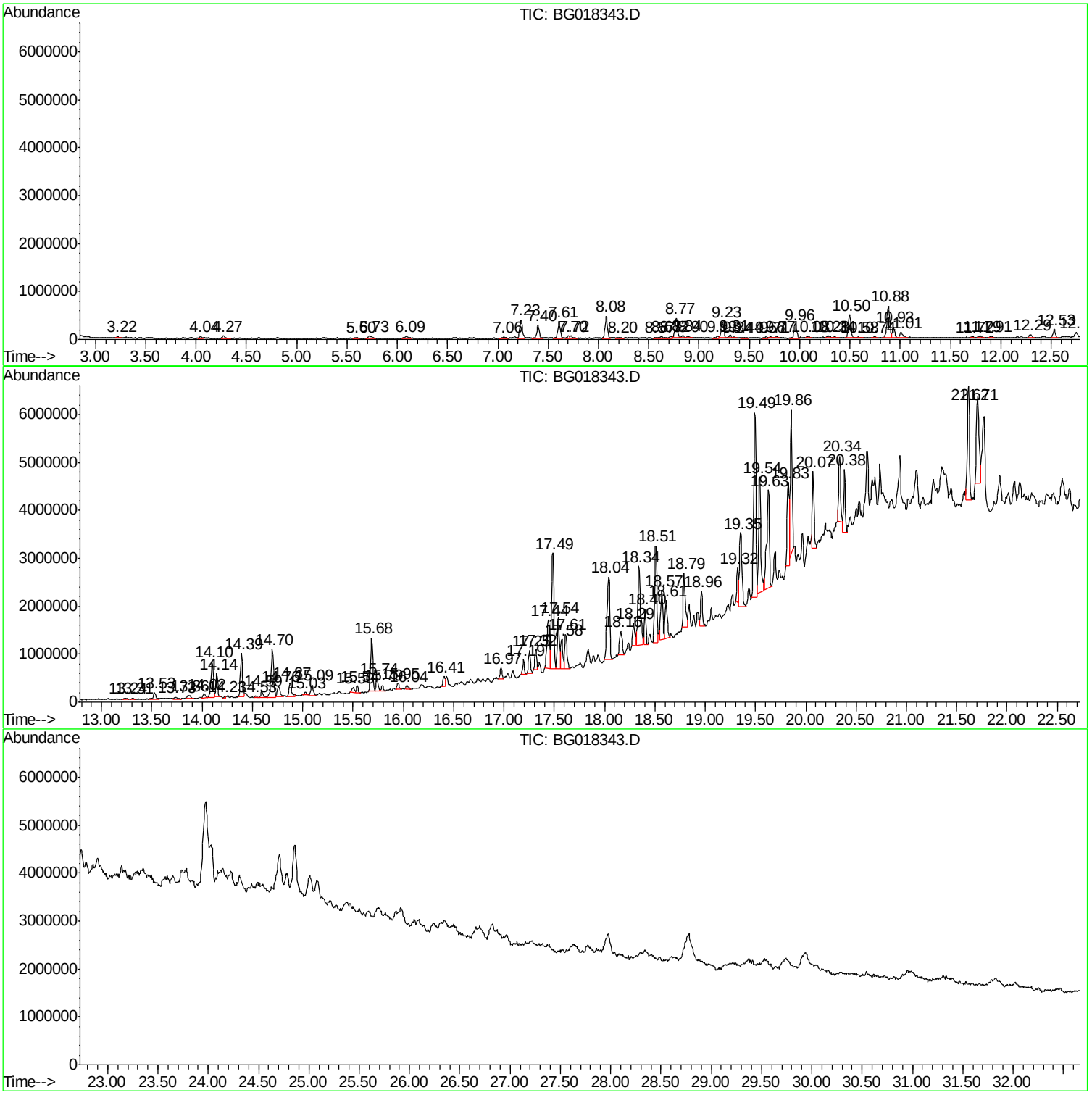
Sum of corrected areas: 83986125

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

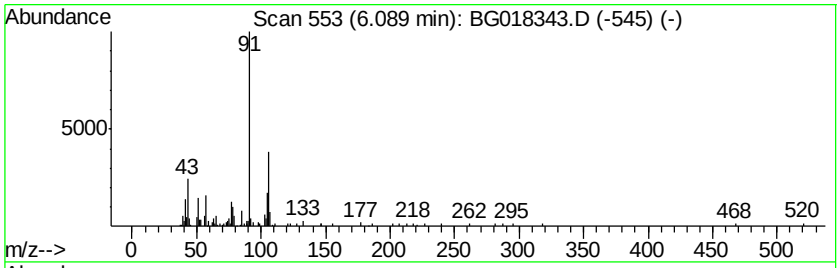
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

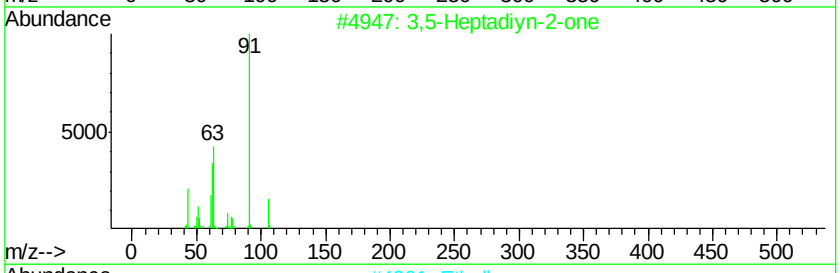
****

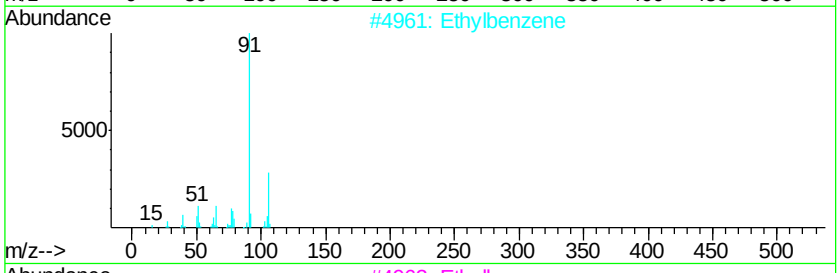
Peak Number 2 3,5-Heptadiyn-2-one Concentration Rank 27

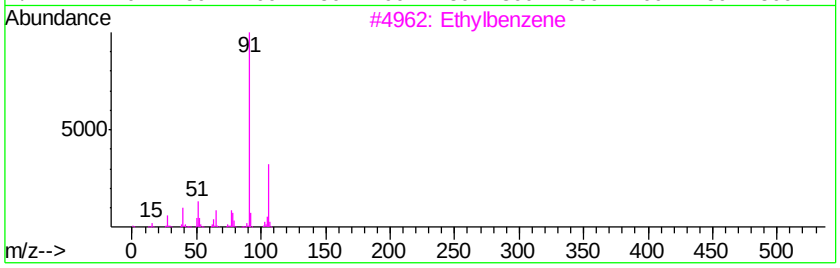
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.09 ng/ul	85033	1,4-Dichlorobenzene-d4	8.08

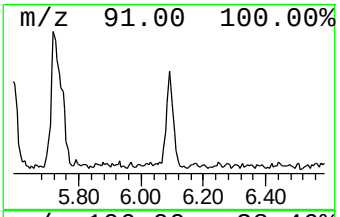
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Heptadiyn-2-one	106	C7H6O	013879-71-5	64
2	Ethylbenzene	106	C8H10	000100-41-4	64
3	Ethylbenzene	106	C8H10	000100-41-4	64
4	Ethylbenzene	106	C8H10	000100-41-4	64
5	Ethylbenzene	106	C8H10	000100-41-4	59

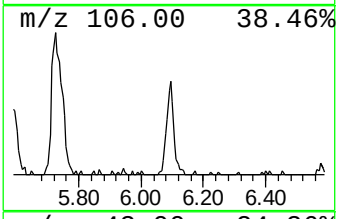


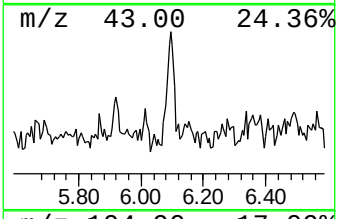


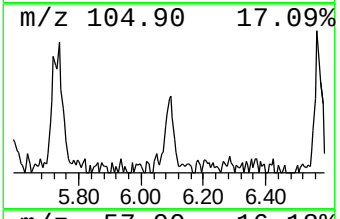


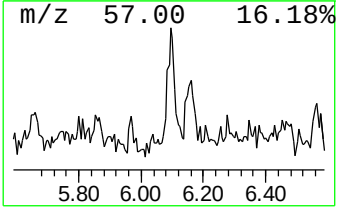












Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

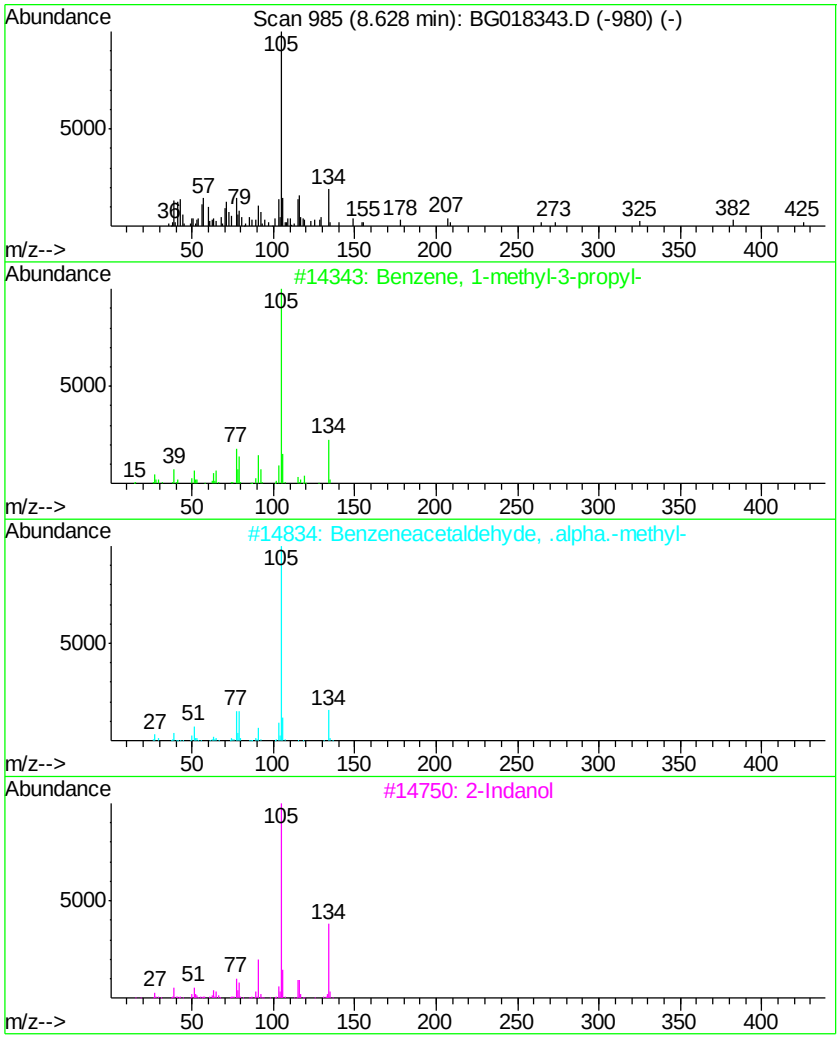
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

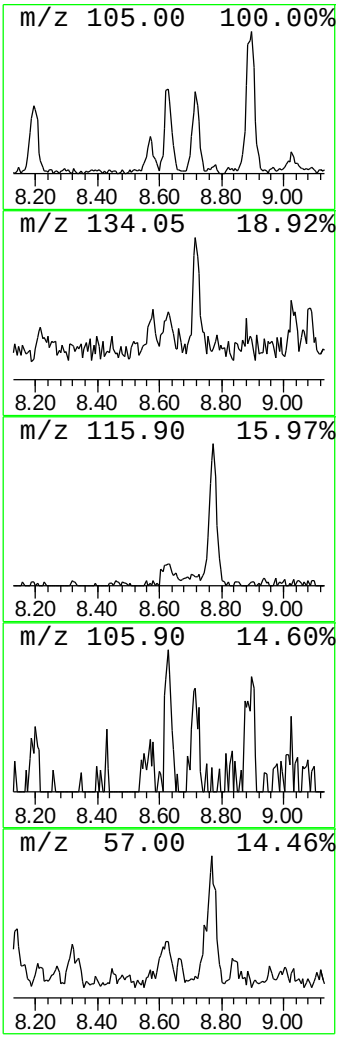
****

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.11 ng/ul	85561	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
3	2-Indanol	134	C9H10O	004254-29-9	52
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

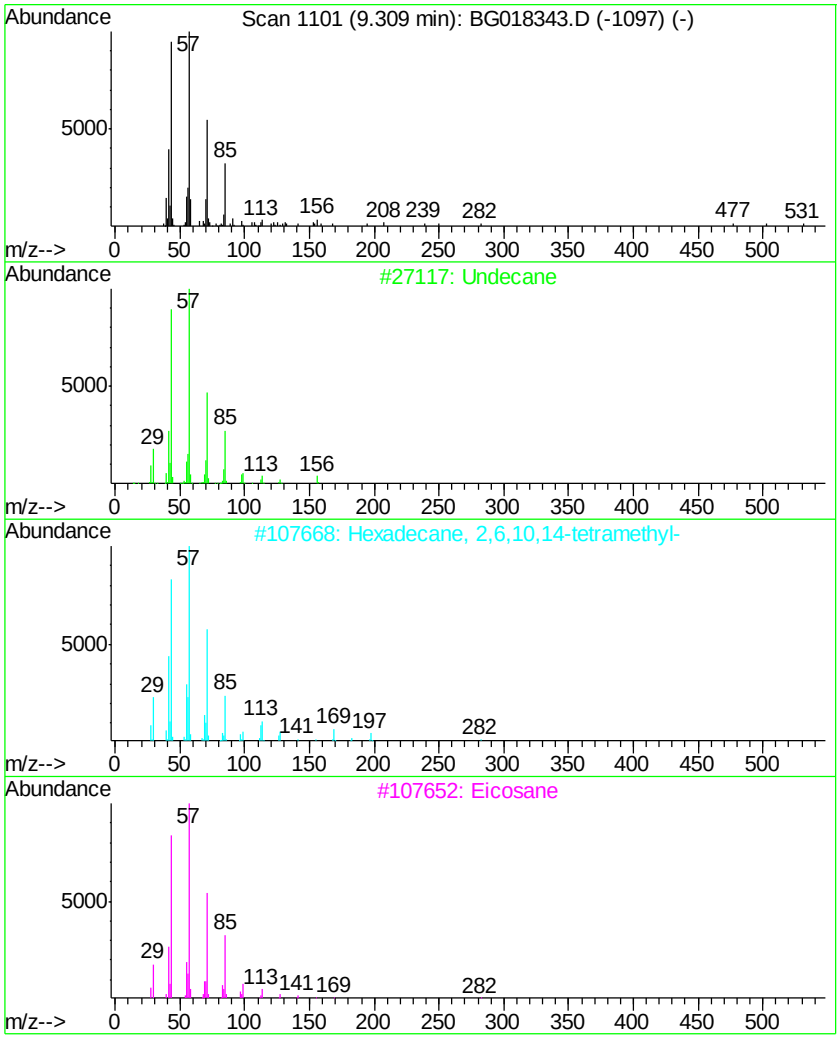
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

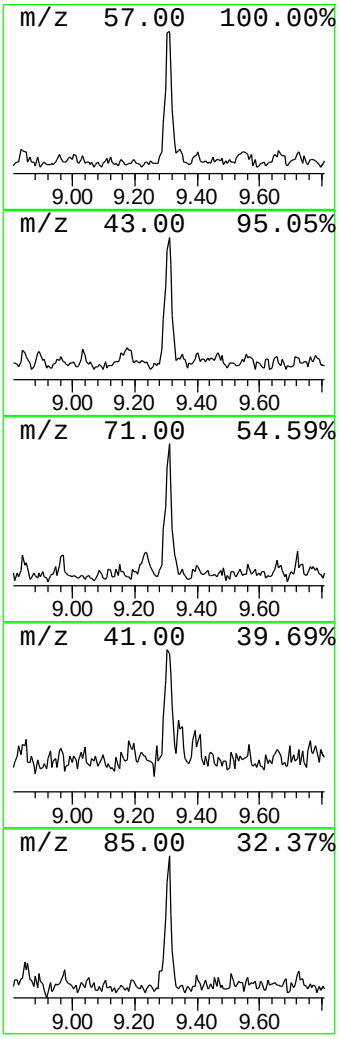
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.22 ng/ul	90008	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Eicosane	282	C20H42	000112-95-8	76
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

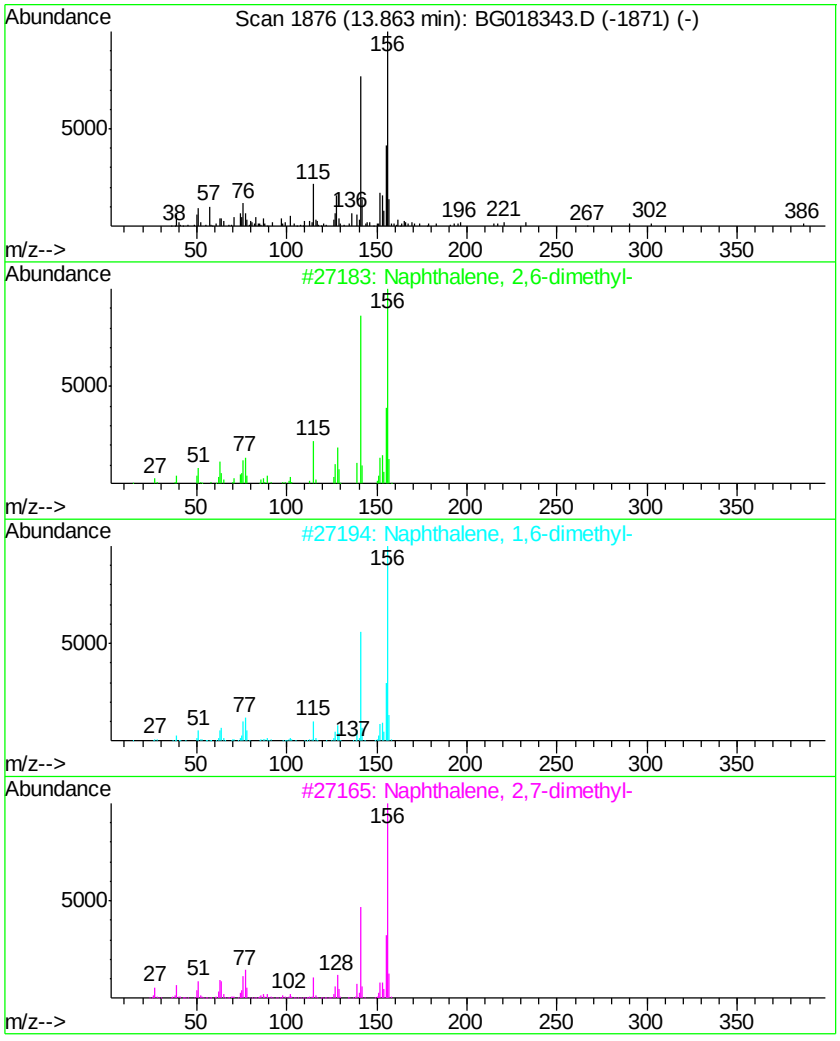
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

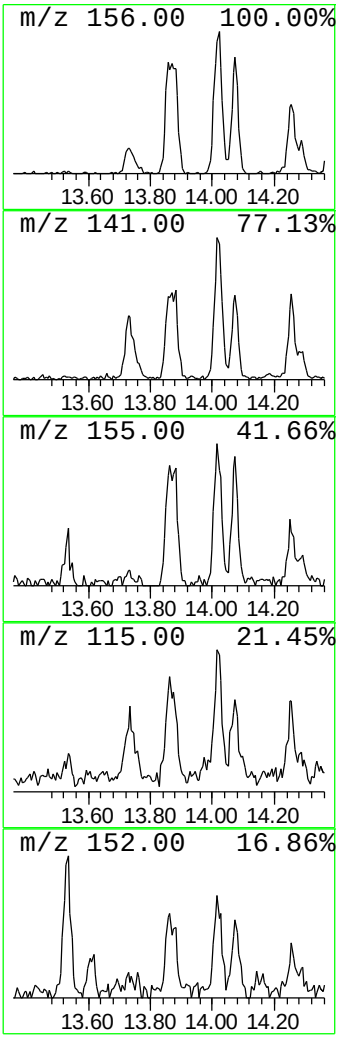
****

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.03 ng/ul	173671	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





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Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

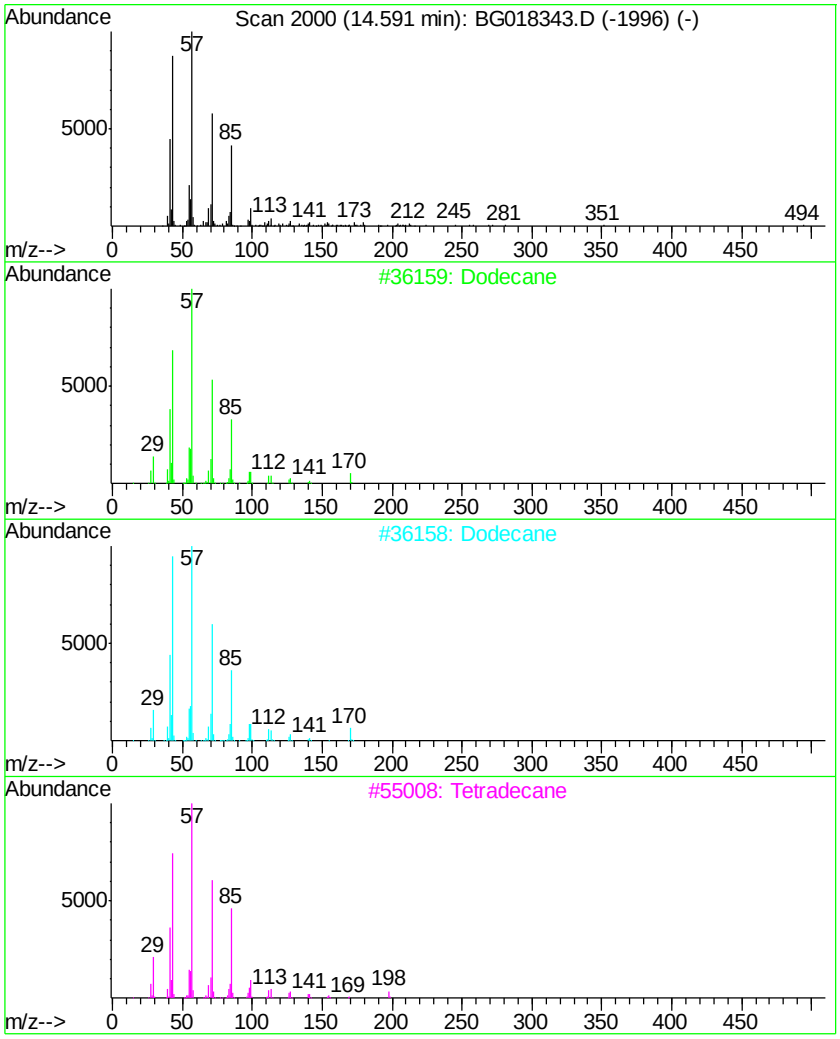
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

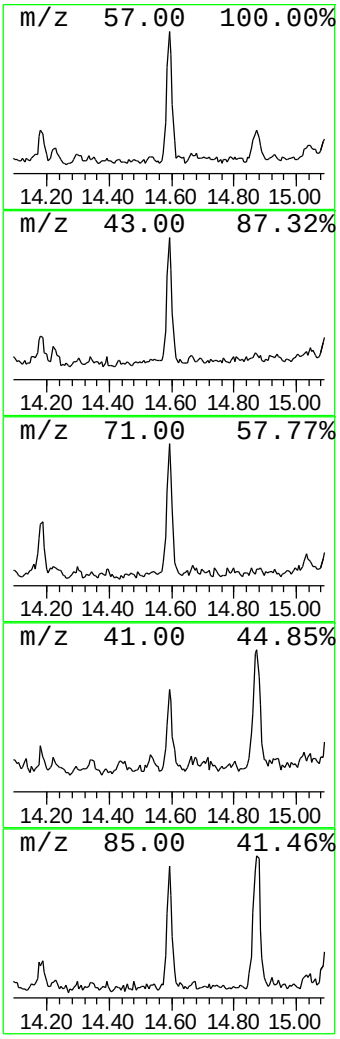
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.56 ng/ul	218333	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Dodecane	170	C12H26	000112-40-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Acq On : 10 Aug 2015 00:12
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Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

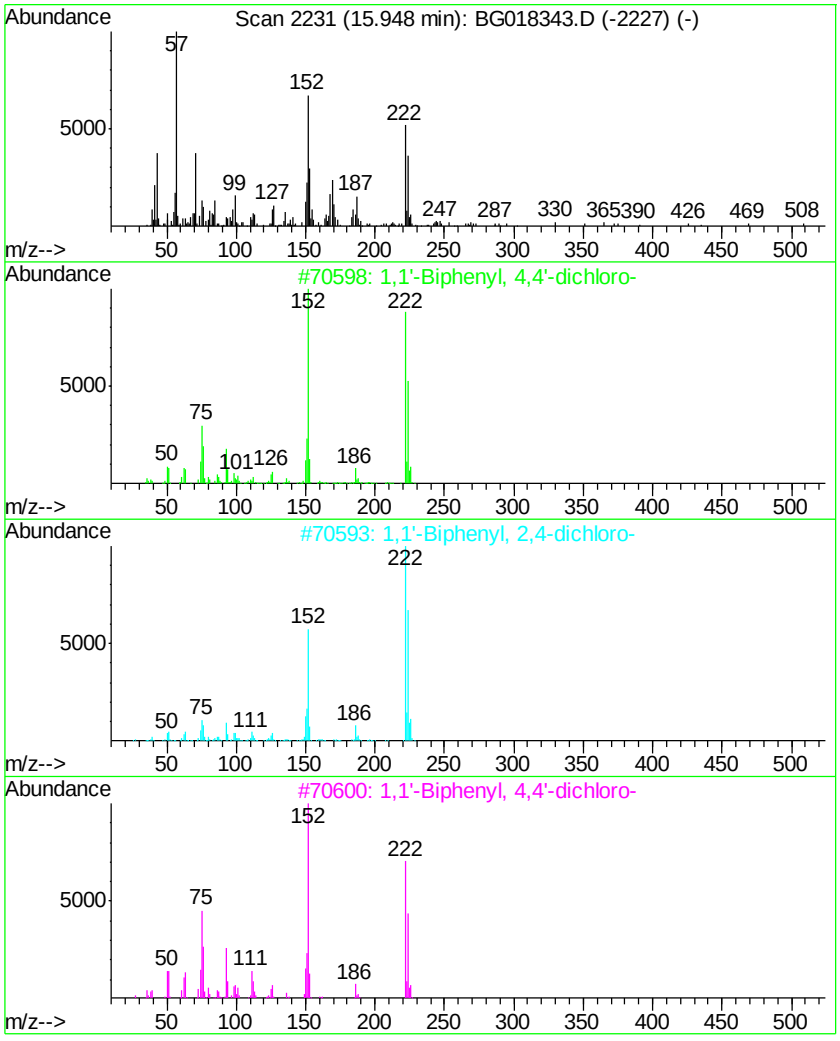
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

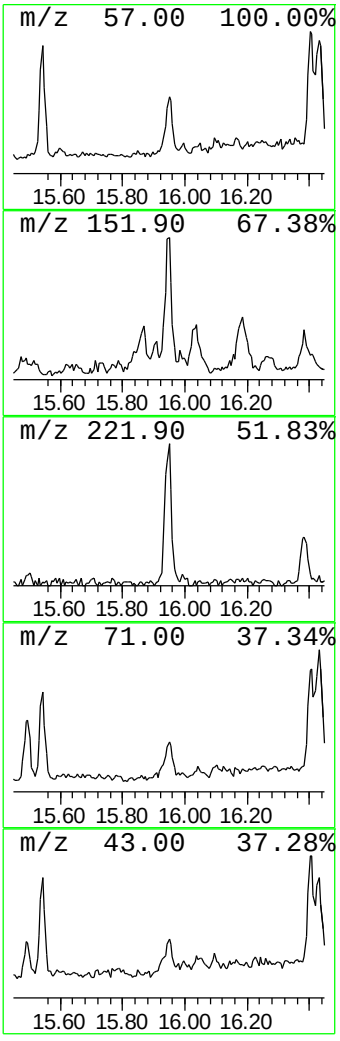
****

Peak Number 8 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.32 ng/ul	197819	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	93
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	86
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	86
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	86
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	86





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Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

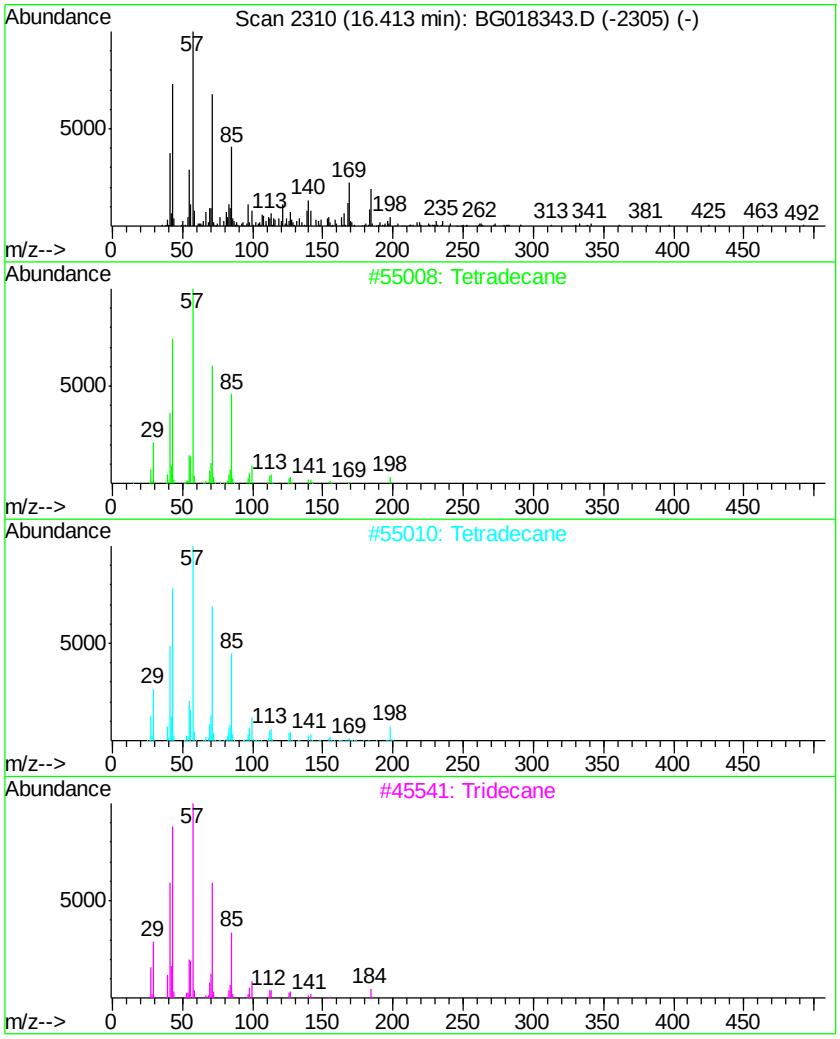
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

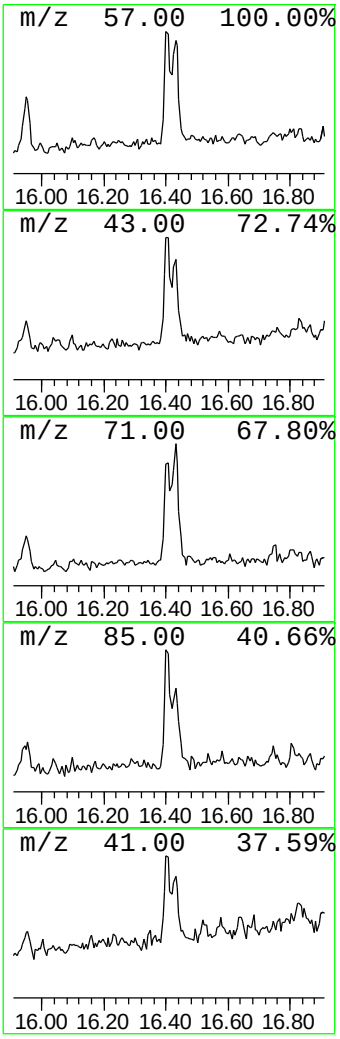
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	3.52 ng/ul	308761	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tridecane	184	C13H28	000629-50-5	68
4	Tridecane	184	C13H28	000629-50-5	62
5	Tridecane	184	C13H28	000629-50-5	58





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Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

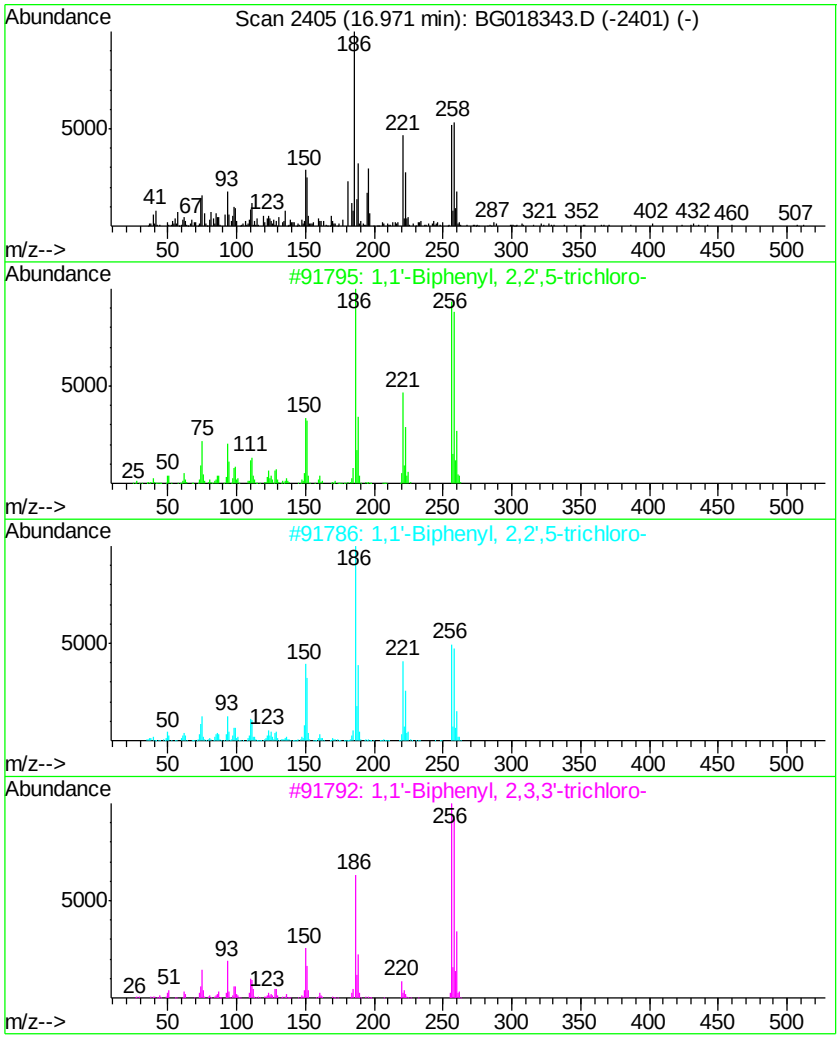
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

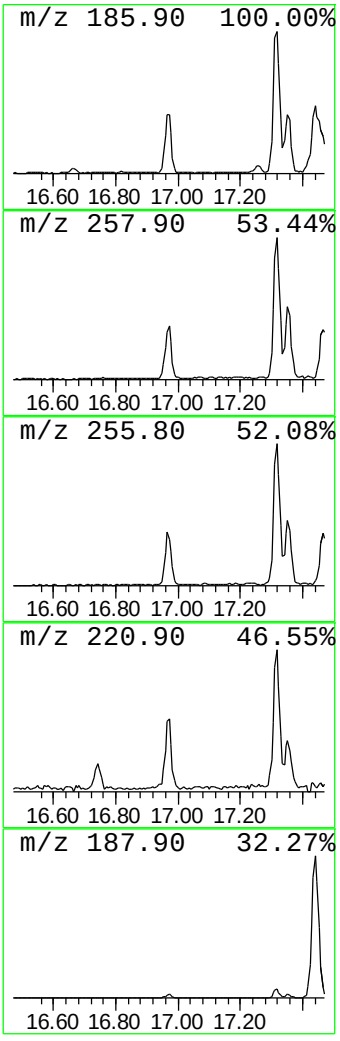
****

Peak Number 10 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.37 ng/ul	296007	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	93
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	92
4	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	91
5	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

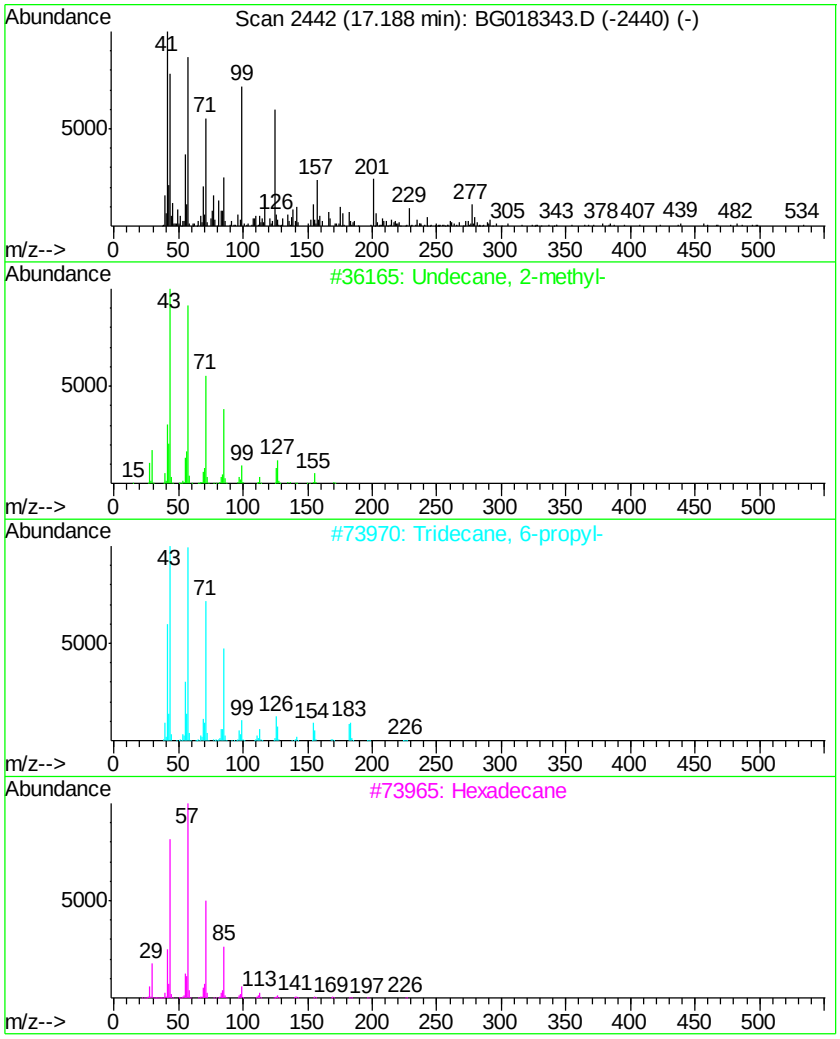
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

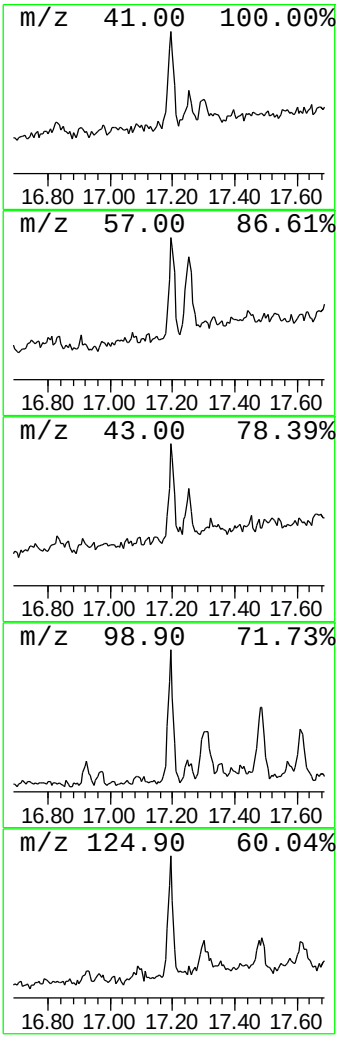
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	4.04 ng/ul	354092	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	42
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	42
3	Hexadecane	226	C16H34	000544-76-3	35
4	Nonadecane	268	C19H40	000629-92-5	30
5	Pentadecane	212	C15H32	000629-62-9	30





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Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

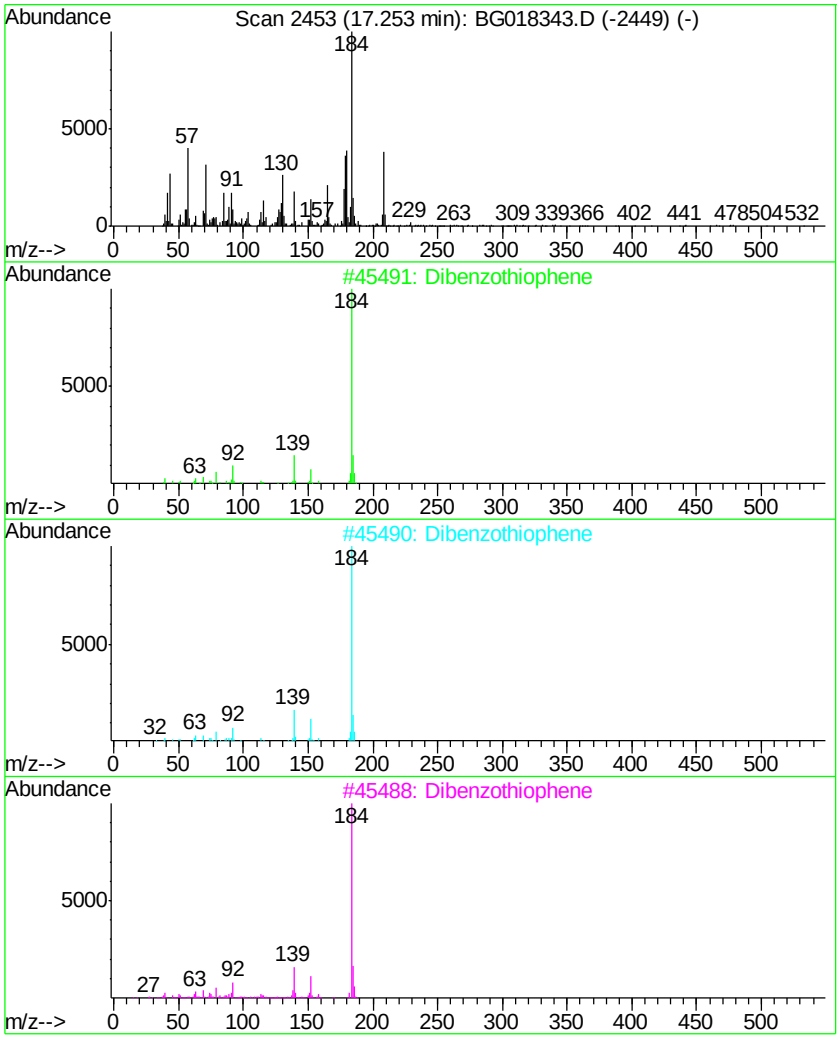
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

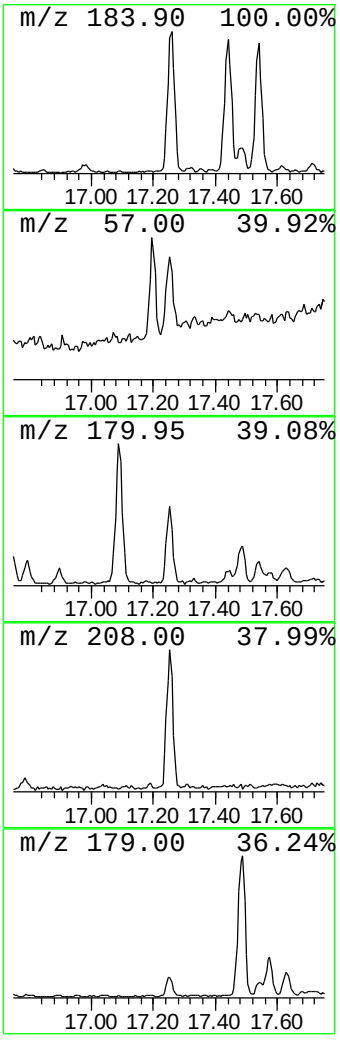
****

Peak Number 12 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	7.63 ng/ul	669589	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	38
2	Dibenzothiophene	184	C12H8S	000132-65-0	38
3	Dibenzothiophene	184	C12H8S	000132-65-0	38
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	38
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	30





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Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

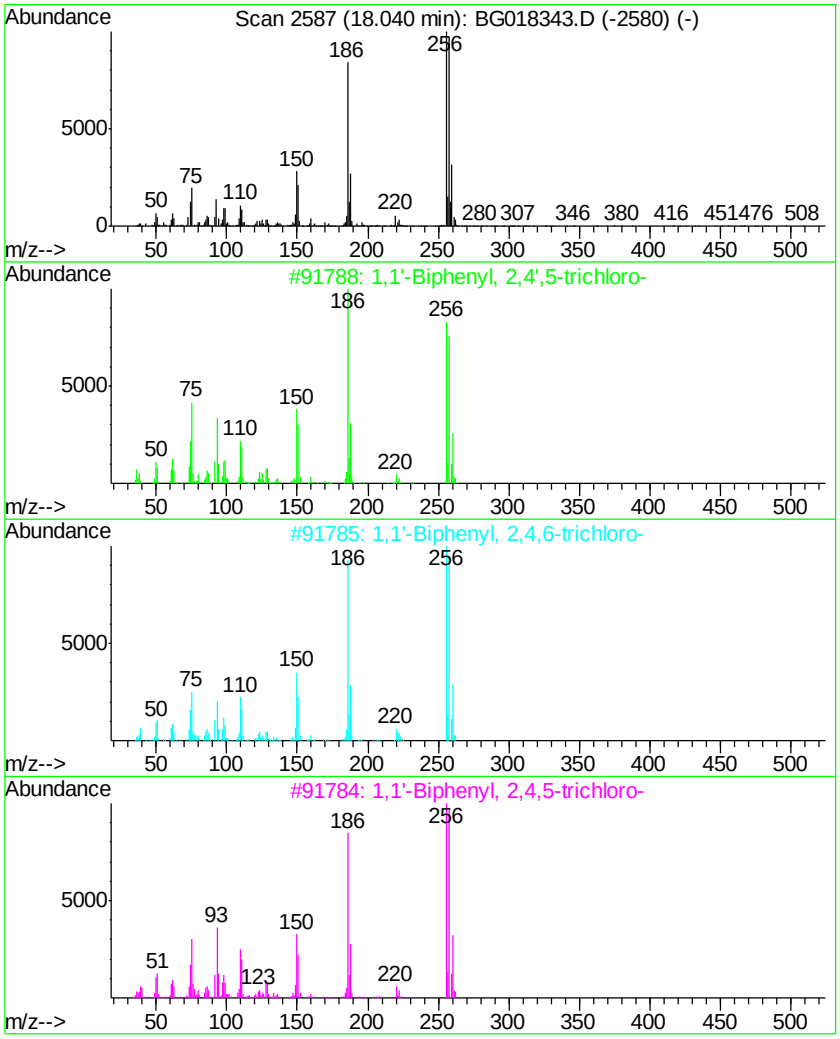
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

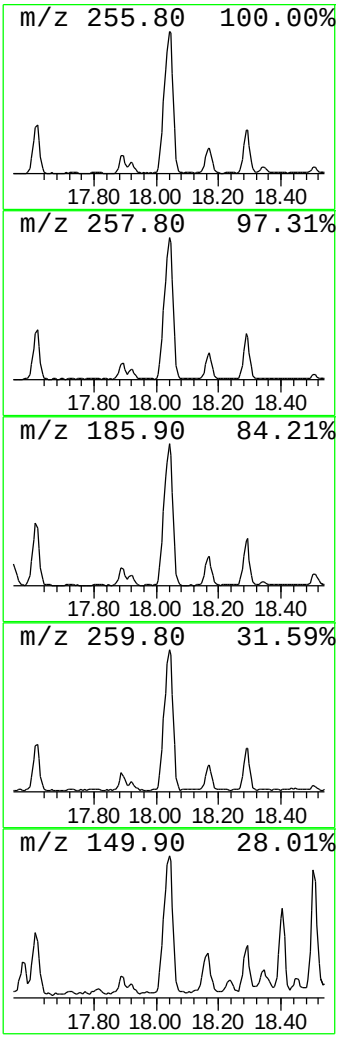
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	38.96 ng/ul	3417560	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	97
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	97
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





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Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

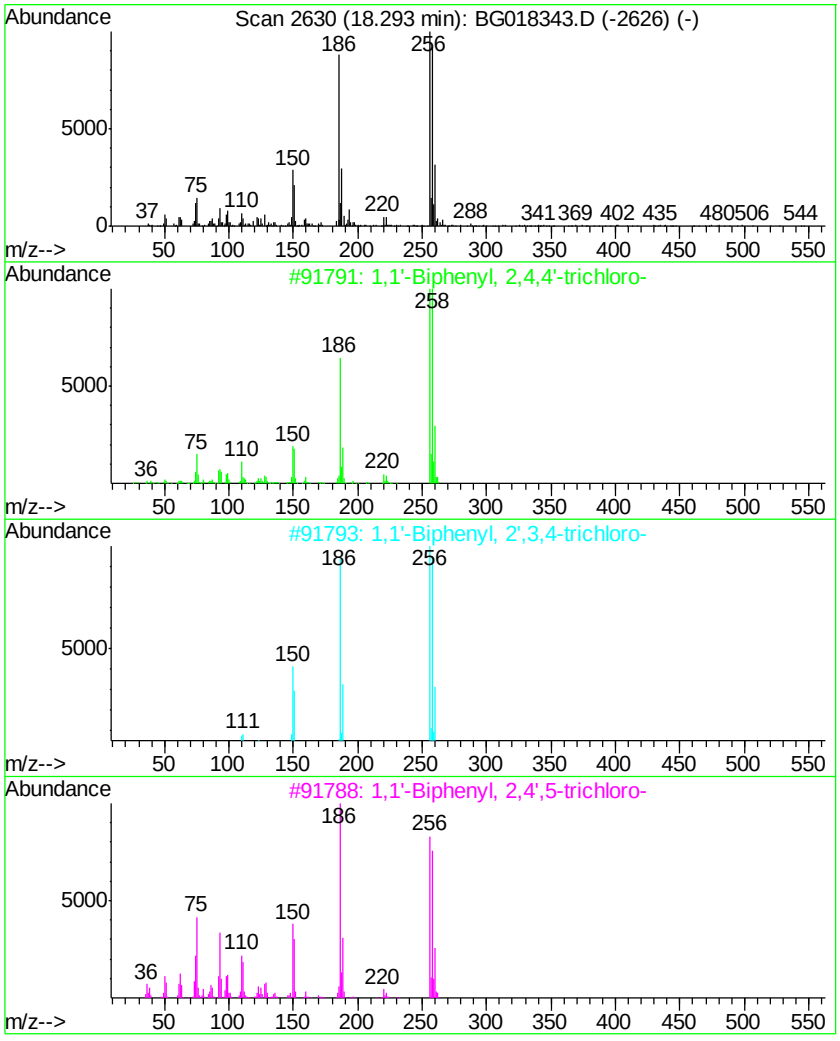
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

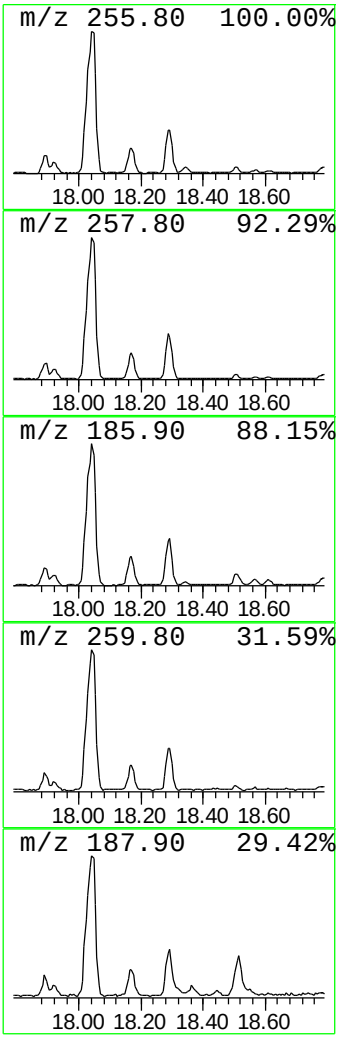
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	7.20 ng/ul	631899	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
4	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	95
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95





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Sample : G3095-05RX
Misc :
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Instrument : BNA_G
ClientSampleId : C01R4RX

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

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

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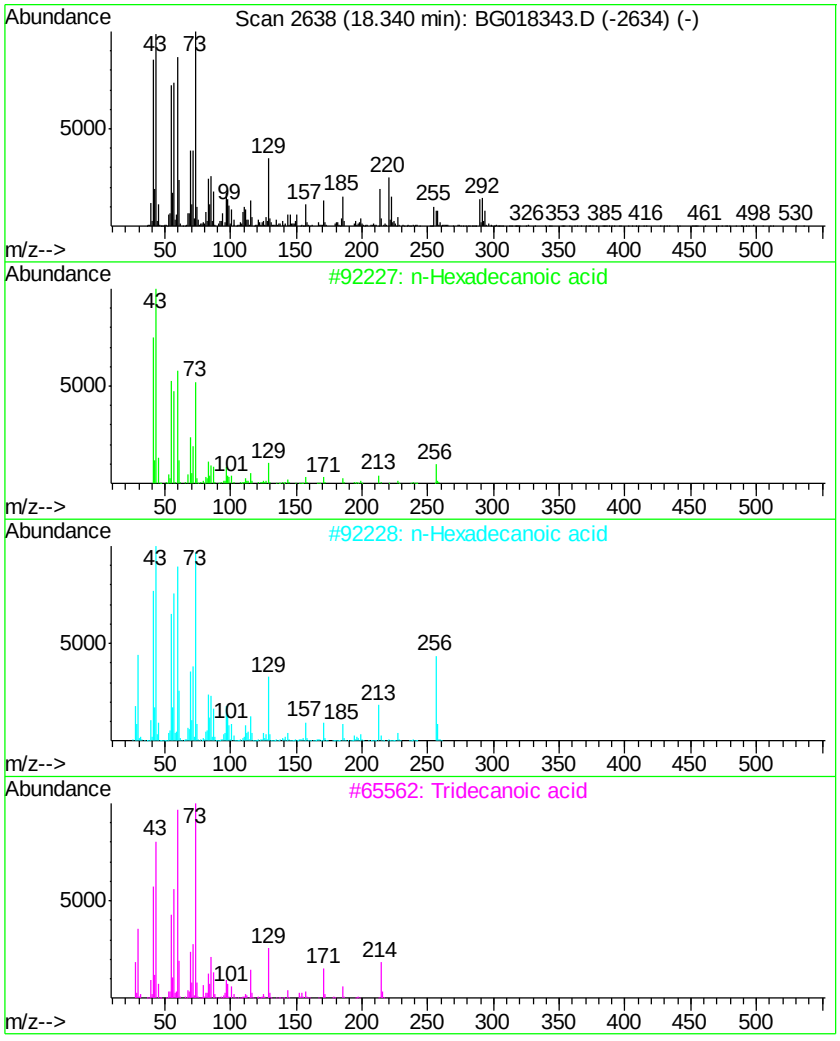
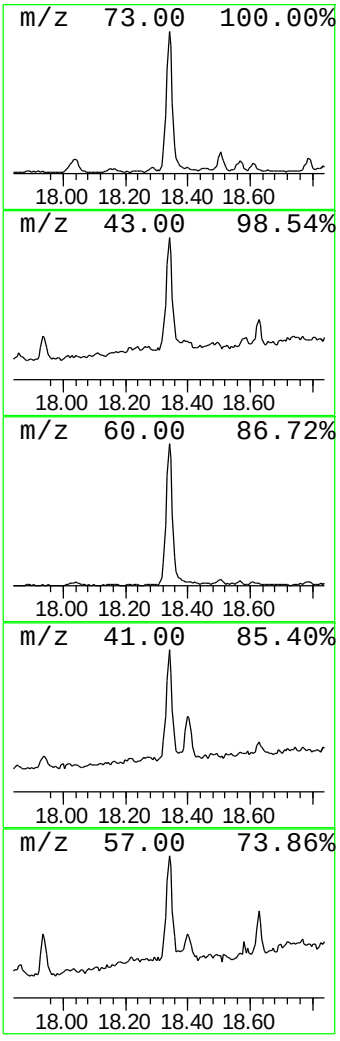
Peak Number 17 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	34.53 ng/ul	3028670	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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Quant Title : SVOA CALIBRATION

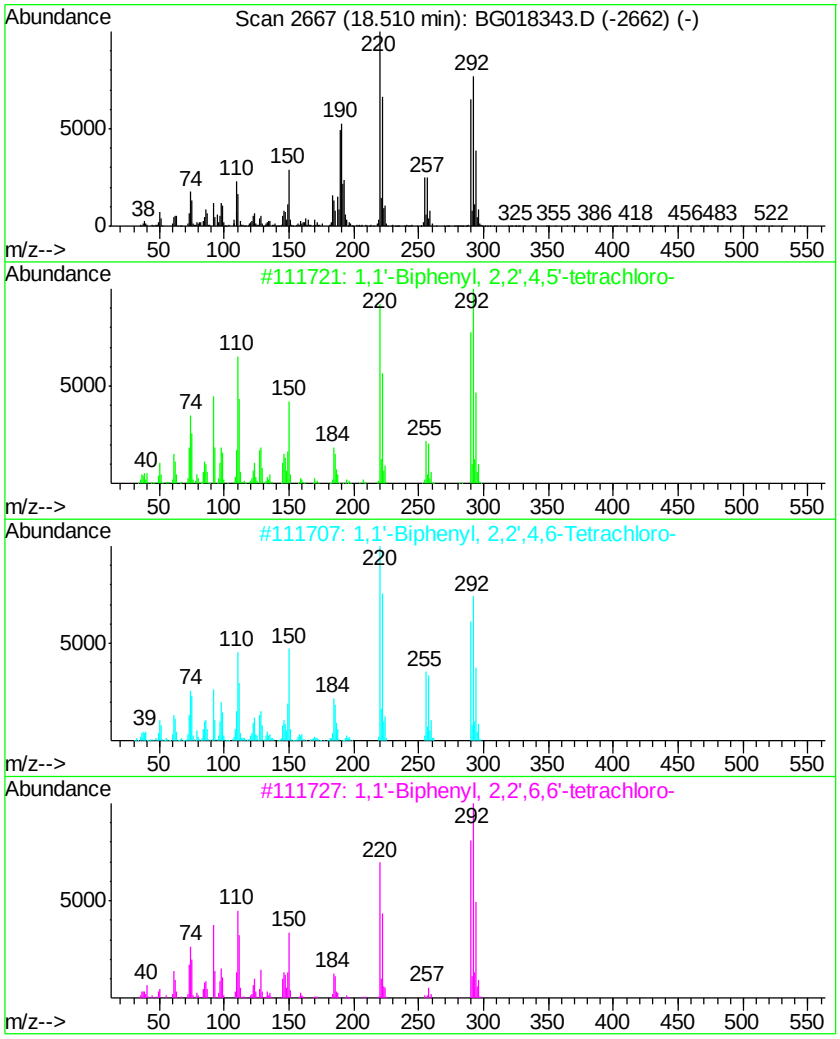
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

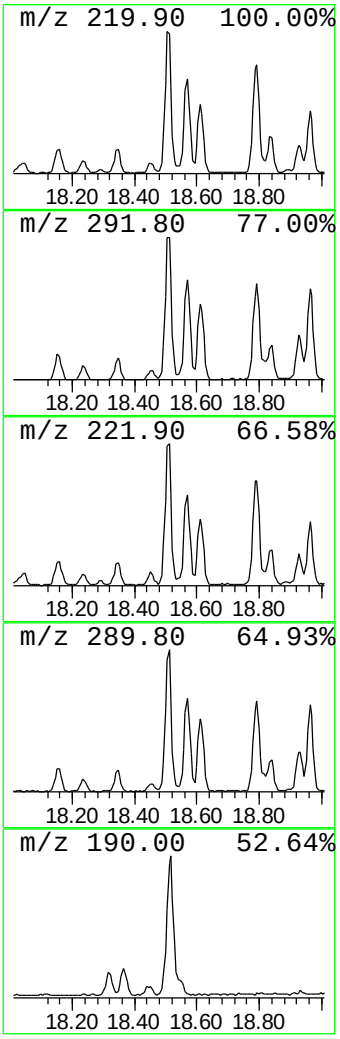
****

Peak Number 18 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	34.40 ng/ul	3017780	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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Misc :
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Instrument : BNA_G
ClientSampleId : C01R4RX

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Quant Title : SVOA CALIBRATION

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

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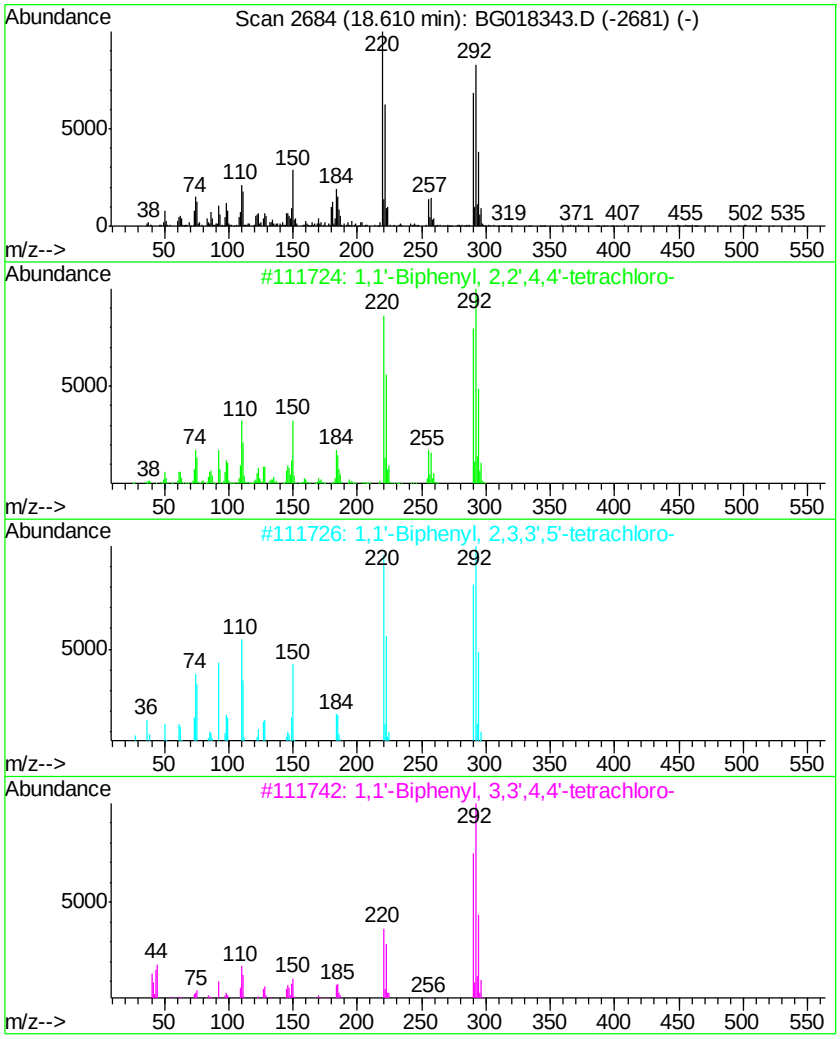
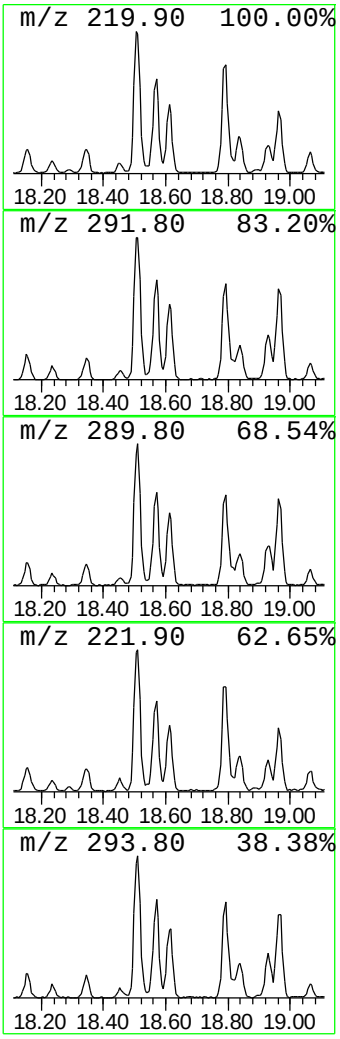
Peak Number 20 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	13.00 ng/ul	1140670	Phenanthrene-d10	17.44

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	98
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98
5	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	98





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Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

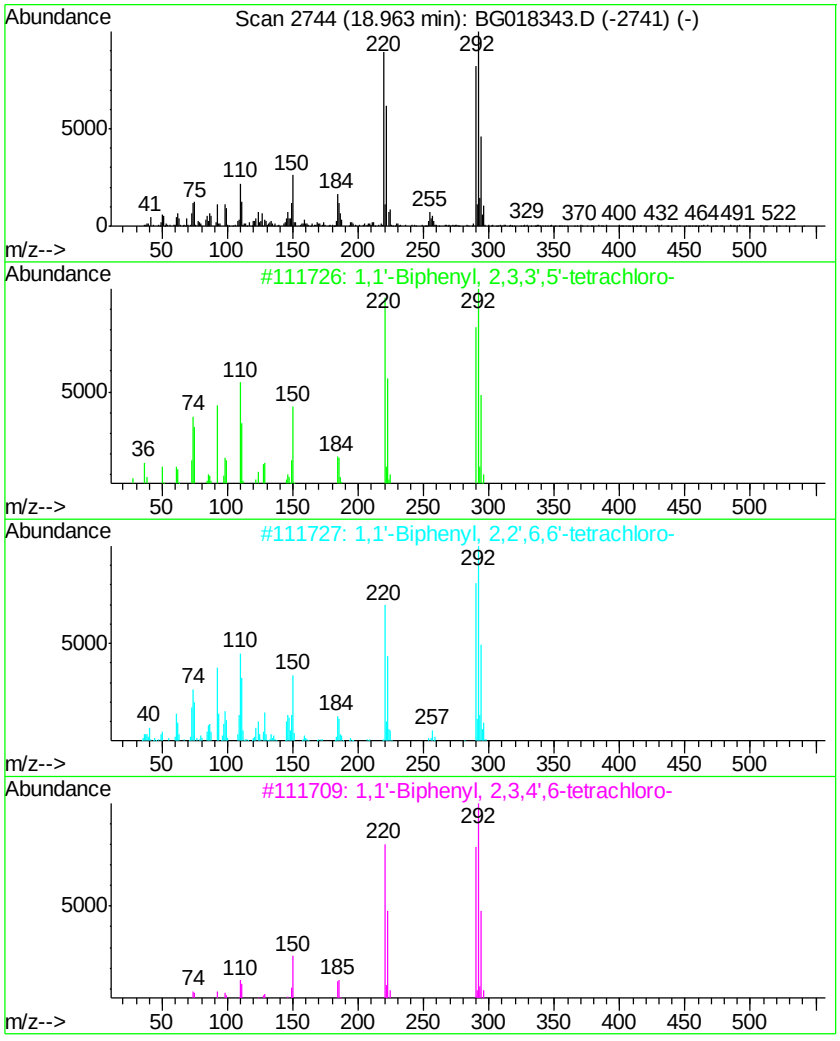
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

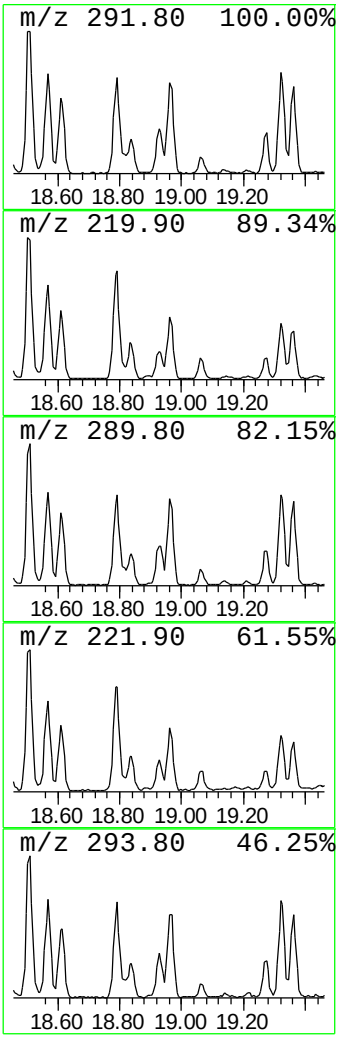
****

Peak Number 22 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	10.03 ng/ul	880168	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97
4	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	96
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

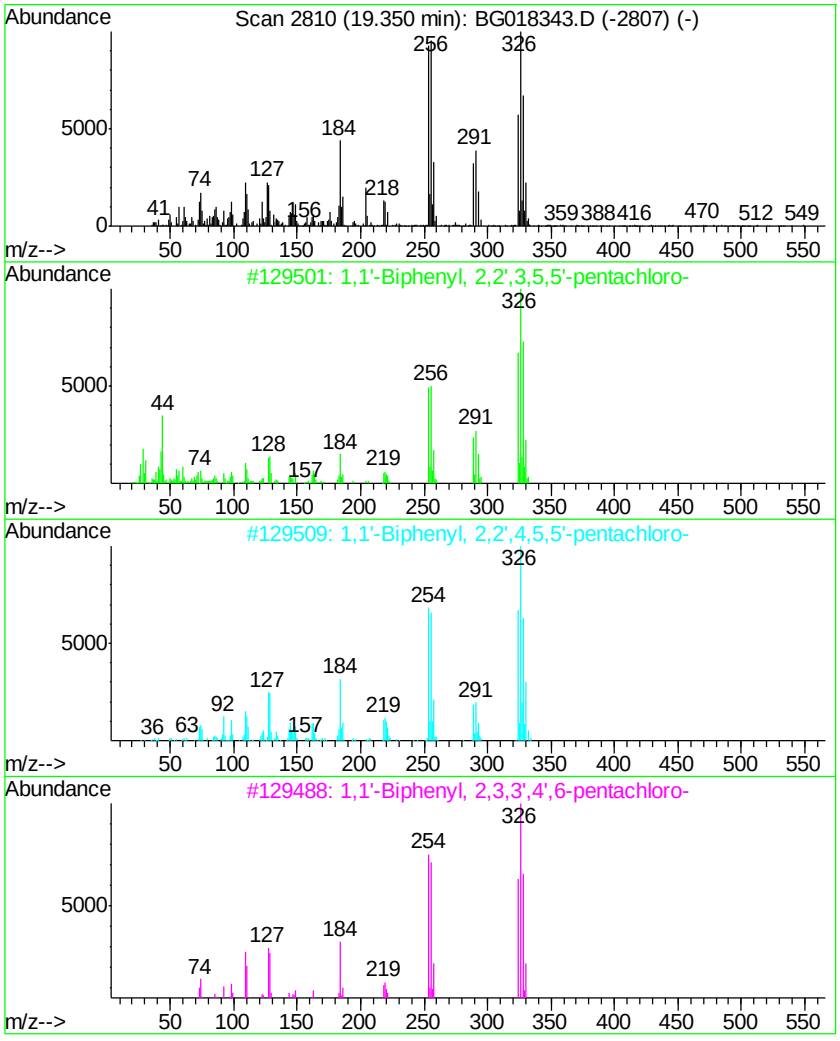
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

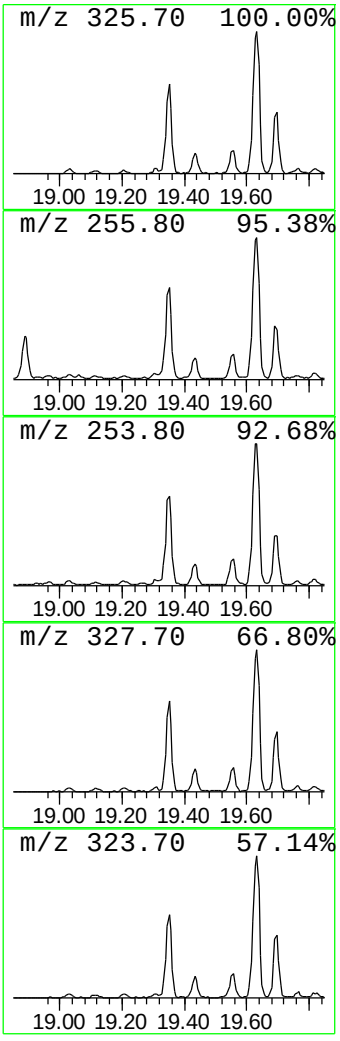
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	29.50 ng/ul	2587580	Phenanthrene-d10	17.44

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',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
5	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	97





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

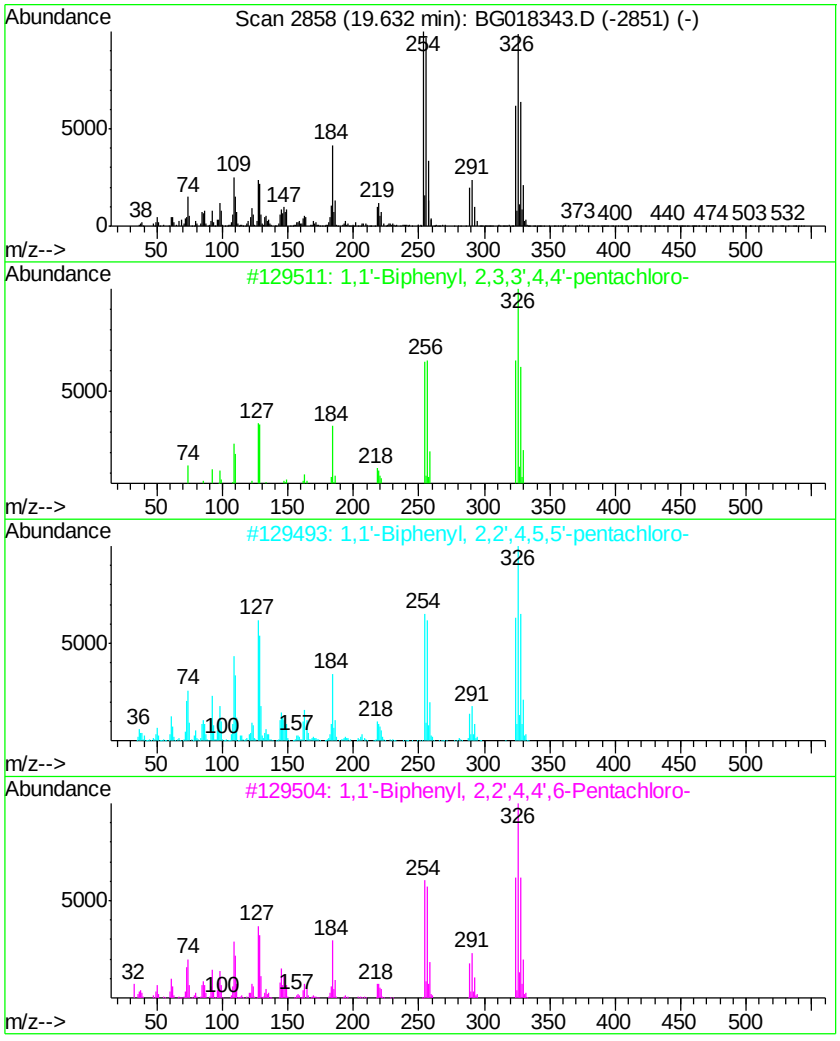
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

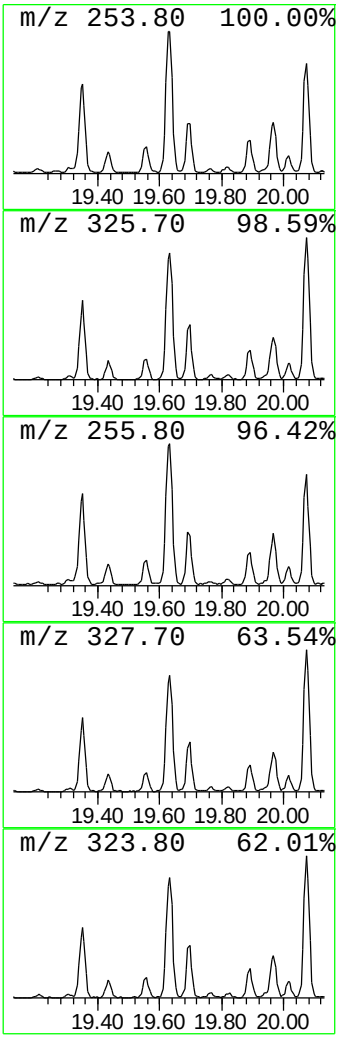
****

Peak Number 25 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	20.12 ng/ul	3664230	Chrysene-d12	21.72

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',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98
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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

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

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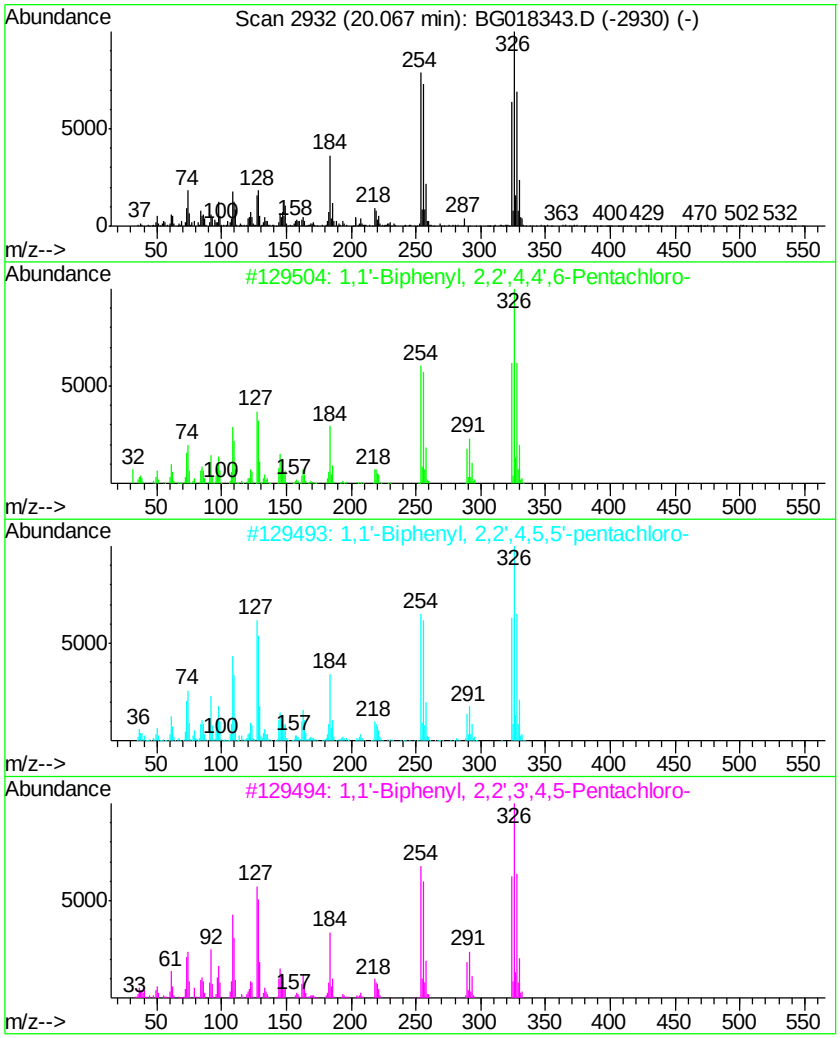
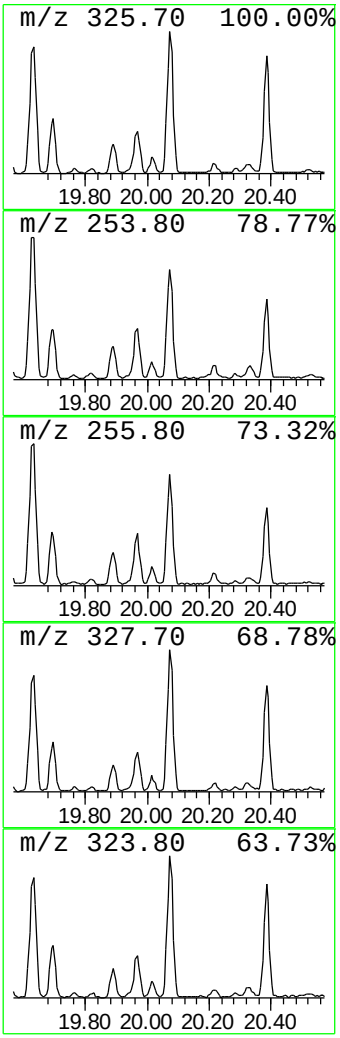
Peak Number 26 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	11.02 ng/ul	2006180	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

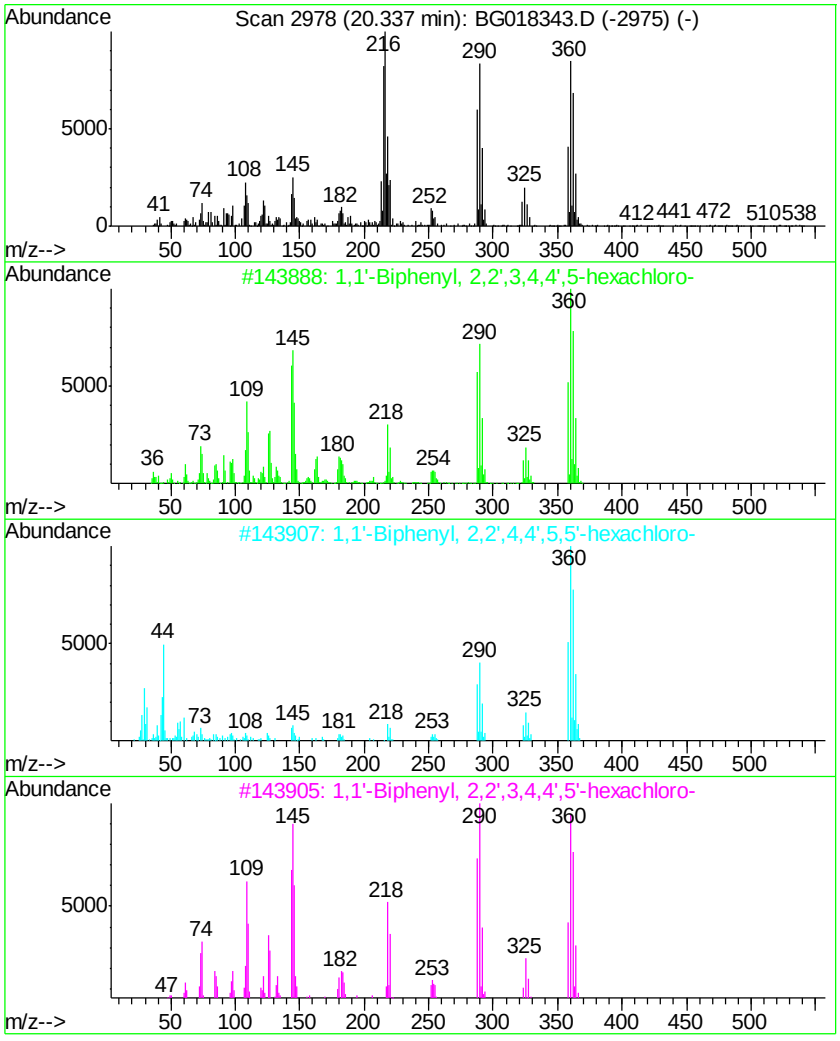
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

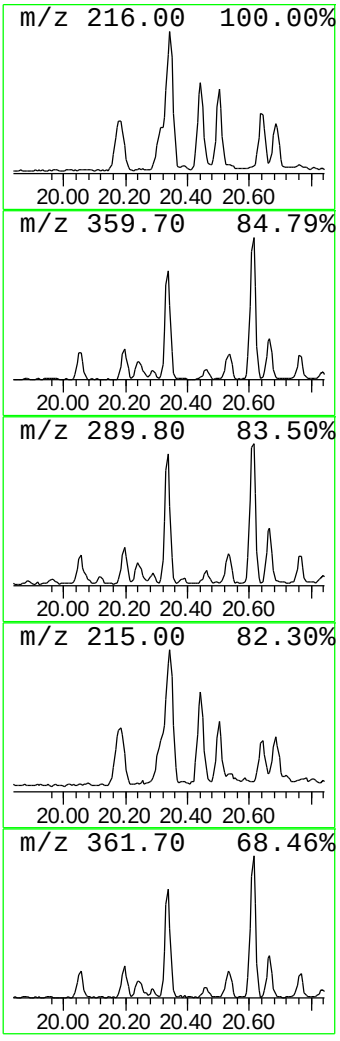
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	9.31 ng/ul	1696170	Chrysene-d12	21.72

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	94
2	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	94
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	91
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	64
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

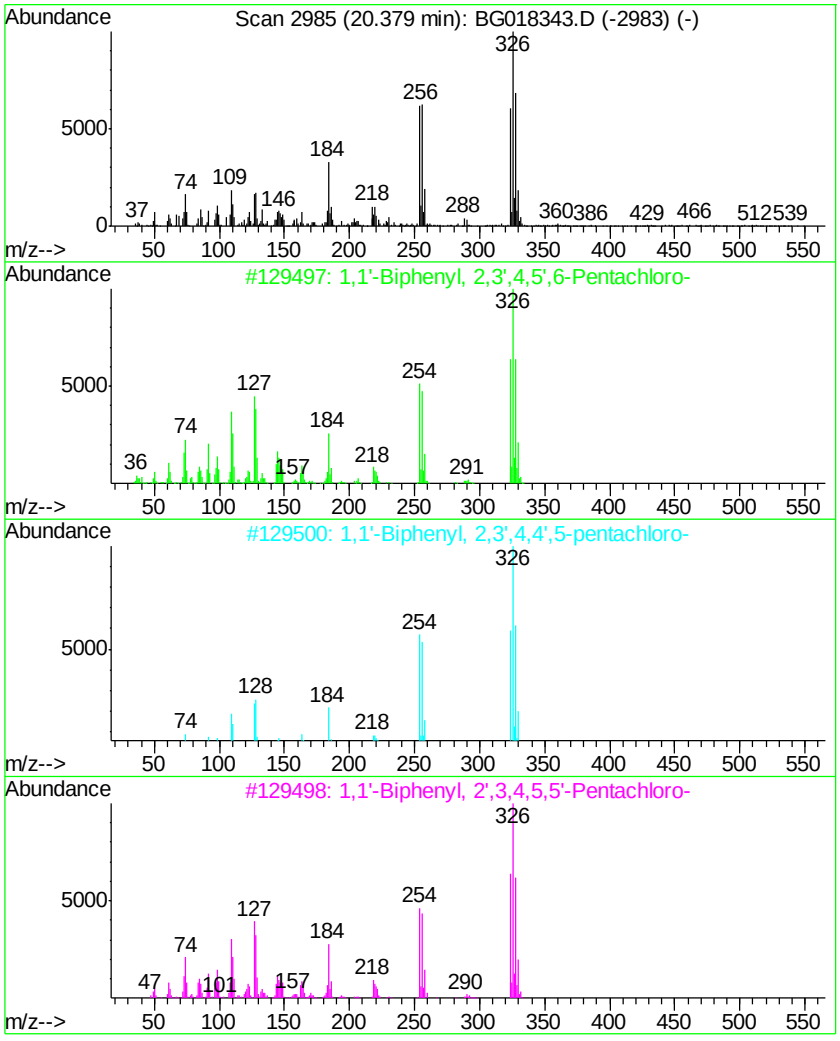
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

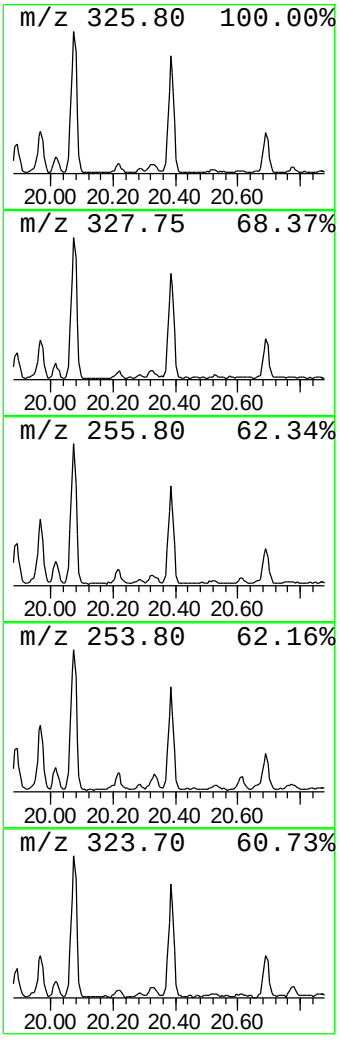
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1,1'-Biphenyl, 2,3',4,5',6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	8.36 ng/ul	1523390	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018343.D
Acq On : 10 Aug 2015 00:12
Operator : UM/TP
Sample : G3095-05RX
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R4RX

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3,5-Heptadiyn-2-one	6.09	2.1	ng/ul	85033	1	8.08	811815	20.0
Benzene, 1-methyl...	8.63	2.1	ng/ul	85561	1	8.08	811815	20.0
(DEL) Alkane: Str...	9.31	2.2	ng/ul	90008	1	8.08	811815	20.0
Naphthalene, 2,6-...	13.86	2.0	ng/ul	173671	3	14.70	1708590	20.0
(DEL) Alkane: Str...	14.59	2.6	ng/ul	218333	3	14.70	1708590	20.0
1,1'-Biphenyl, 4,...	15.95	2.3	ng/ul	197819	3	14.70	1708590	20.0
(DEL) Alkane: Str...	16.41	3.5	ng/ul	308761	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	16.97	3.4	ng/ul	296007	4	17.44	1754400	20.0
(DEL) Alkane: Str...	17.19	4.0	ng/ul	354092	4	17.44	1754400	20.0
unknown-01	17.25	7.6	ng/ul	669589	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	18.04	39.0	ng/ul	3417560	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	18.29	7.2	ng/ul	631899	4	17.44	1754400	20.0
n-Hexadecanoic acid	18.34	34.5	ng/ul	3028670	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	18.51	34.4	ng/ul	3017780	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	18.61	13.0	ng/ul	1140670	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	18.96	10.0	ng/ul	880168	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	19.35	29.5	ng/ul	2587580	4	17.44	1754400	20.0
1,1'-Biphenyl, 2,...	19.63	20.1	ng/ul	3664230	5	21.72	3642480	20.0
1,1'-Biphenyl, 2,...	20.07	11.0	ng/ul	2006180	5	21.72	3642480	20.0
1,1'-Biphenyl, 2,...	20.34	9.3	ng/ul	1696170	5	21.72	3642480	20.0
1,1'-Biphenyl, 2,...	20.38	8.4	ng/ul	1523390	5	21.72	3642480	20.0