LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	92	96	103	rBB	35855	49867	0.77%	0.078%
2	3.434	122	127	134	rBV	61796	85973	1.33%	0.134%
3	6.654	669	675	684	rVB	138999	225585	3.48%	0.353%
4	6.783	690	697	702	rBV	97649	144398	2.23%	0.226%
5	6.983	724	731	739	rVB2	149236	229496	3.54%	0.359%
6	7.088	741	749	755	rBV4	18530	36527	0.56%	0.057%
7	7.441	800	809	817	rBV	306215	478118	7.38%	0.747%
8	8.181	928	935	943	rBV	119532	197606	3.05%	0.309%
9	8.598	1000	1006	1013	rVV	141502	227158	3.51%	0.355%
10	9.321	1122	1129	1136	rBV	134869	224161	3.46%	0.350%
11	9.873	1217	1223	1230	rVB	188743	313634	4.84%	0.490%
12	10.226	1276	1283	1288	rBV	422110	693225	10.70%	1.084%
13	10.273	1288	1291	1299	rVB	41239	68749	1.06%	0.107%
14	11.906	1561	1569	1573	rBV	39917	63060	0.97%	0.099%
15	12.130	1603	1607	1617	rVB	30499	48797	0.75%	0.076%
16	12.946	1742	1746	1751	rBV	27304	36913	0.57%	0.058%
17	13.169	1780	1784	1790	rVB3	26946	48017	0.74%	0.075%
18	13.440	1824	1830	1836	rBV3	39102	65772	1.02%	0.103%
19	13.540	1842	1847	1852	rVV	321032	459889	7.10%	0.719%
20	13.587	1852	1855	1864	rVB	131708	181071	2.80%	0.283%
21	13.681	1866	1871	1876	rBV5	19811	36715	0.57%	0.057%
22	13.816	1888	1894	1907	rVV	326782	555999	8.59%	0.869%
23	14.127	1940	1947	1953	rVV2	605726	894714	13.82%	1.399%
24	14.192	1953	1958	1967	rVB2	159134	246451	3.81%	0.385%
25	14.397	1988	1993	1998	rBV2	88401	142260	2.20%	0.222%
26	14.527	2009	2015	2022	rVB3	92594	165133	2.55%	0.258%
27	14.615	2026	2030	2034	rVB2	24864	34484	0.53%	0.054%
28	14.750	2049	2053	2059	rBV7	20229	42850	0.66%	0.067%
29	14.920	2076	2082	2086	rBV6	22299	50583	0.78%	0.079%
30	14.997	2092	2095	2099	rVB5	30572	38710	0.60%	0.061%
31	15.132	2112	2118	2122	rVV	388527	543582	8.39%	0.850%
32	15.185	2122	2127	2131	rVB	173299	237752	3.67%	0.372%
33	15.285	2140	2144	2146	rBV5	33738	45102	0.70%	0.071%
34	15.308	2146	2148	2151	rVB	37297	37557	0.58%	0.059%

LSC Area Percent Report

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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

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

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

35	15.343	2151	2154	2159	rVB4	33623	39757	0.61%	0.062%
36	15.402	2160	2164	2166	rBV5	26629	35049	0.54%	0.055%
37	15.479	2173	2177	2187	rVB	59516	101064	1.56%	0.158%
38	15.625	2198	2202	2210	rVV	60288	134034	2.07%	0.210%
39	15.866	2239	2243	2254	rVB7	66928	151952	2.35%	0.238%
40	16.048	2270	2274	2278	rBV8	22253	42550	0.66%	0.067%
41	16.172	2292	2295	2296	rBV3	36252	37283	0.58%	0.058%
42	16.248	2304	2308	2312	rVB6	38287	58069	0.90%	0.091%
43	16.548	2355	2359	2364	rVB	82809	108845	1.68%	0.170%
44	16.706	2382	2386	2391	rVB	140282	187174	2.89%	0.293%
45	16.895	2412	2418	2421	rBV	547816	886261	13.69%	1.386%
46	16.942	2421	2426	2430	rVV	2921715	3880702	59.93%	6.067%
47	16.989	2430	2434	2437	rVV	369889	523999	8.09%	0.819%
48	17.024	2437	2440	2444	rVV	646512	828739	12.80%	1.296%
49	17.071	2444	2448	2455	rVB4	92664	201263	3.11%	0.315%
50	17.300	2483	2487	2492	rBV	113591	162665	2.51%	0.254%
51	17.406	2502	2505	2510	rVB2	60300	92997	1.44%	0.145%
52	17.500	2513	2521	2526	rVV2	220451	440371	6.80%	0.688%
53	17.605	2536	2539	2546	rVB4	81677	144175	2.23%	0.225%
54	17.770	2561	2567	2571	rBV	228316	360145	5.56%	0.563%
55	17.817	2571	2575	2580	rVB2	616944	806544	12.45%	1.261%
56	17.870	2580	2584	2587	rBV	459979	569427	8.79%	0.890%
57	17.899	2587	2589	2594	rVB	121335	142509	2.20%	0.223%
58	17.964	2595	2600	2604	rBV2	843655	1232661	19.03%	1.927%
59	18.005	2604	2607	2609	rVV	62830	60877	0.94%	0.095%
60	18.070	2615	2618	2621	rBV4	56625	78303	1.21%	0.122%
61	18.252	2646	2649	2651	rBV	224860	267619	4.13%	0.418%
62	18.275	2651	2653	2657	rVV	219513	285945	4.42%	0.447%
63	18.328	2659	2662	2665	rVB2	186078	214995	3.32%	0.336%
64	18.434	2677	2680	2685	rVB3	92455	104627	1.62%	0.164%
65	18.704	2722	2726	2730	rBV	146334	220953	3.41%	0.345%
66	18.833	2740	2748	2757	rVB4	525579	1323313	20.43%	2.069%
67	18.916	2759	2762	2765	rVB4	109097	128150	1.98%	0.200%
68	18.986	2766	2774	2778	rBV	4413944	6276597	96.92%	9.813%
69	19.045	2781	2784	2787	rBV4	113819	160301	2.48%	0.251%
70	19.121	2792	2797	2801	rVB2	744006	1028003	15.87%	1.607%
71	19.186	2805	2808	2811	rBV2	209661	241406	3.73%	0.377%

LSC Area Percent Report

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Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

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Peak separation: 5

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

72	19.350	2825	2836	2843	rBV2	3187185	6475911	100.00%	10.125%
73	19.409	2844	2846	2851	rVV2	165968	246382	3.80%	0.385%
74	19.456	2851	2854	2858	rVB	229909	268644	4.15%	0.420%
75	19.521	2861	2865	2869	rVV	202965	432678	6.68%	0.676%
76	19.568	2869	2873	2881	rVB2	667684	1012992	15.64%	1.584%
77	19.832	2914	2918	2923	rVB2	690092	1055134	16.29%	1.650%
78	19.885	2924	2927	2932	rVB	447350	511310	7.90%	0.799%
79	19.938	2933	2936	2940	rBV	230313	317080	4.90%	0.496%
80	20.032	2950	2952	2957	rVB	191303	215600	3.33%	0.337%
81	20.108	2962	2965	2969	rBV	455490	545644	8.43%	0.853%
82	20.191	2976	2979	2983	rVB2	273698	335726	5.18%	0.525%
83	20.432	3017	3020	3025	rVB2	456087	512604	7.92%	0.801%
84	20.590	3044	3047	3053	rVB	626445	818151	12.63%	1.279%
85	20.755	3069	3075	3078	rBV3	430846	833549	12.87%	1.303%
86	20.796	3079	3082	3085	rVV	303674	383012	5.91%	0.599%
87	20.837	3085	3089	3094	rVV2	595227	978407	15.11%	1.530%
88	20.896	3096	3099	3106	rVB	403655	561421	8.67%	0.878%
89	21.031	3119	3122	3126	rBV	381583	384841	5.94%	0.602%
90	21.107	3129	3135	3139	rVV2	2726437	4769475	73.65%	7.457%
91	21.160	3141	3144	3148	rVB	2350839	2575462	39.77%	4.027%
92	21.266	3159	3162	3167	rBV	797868	856861	13.23%	1.340%
93	21.689	3231	3234	3241	rVB2	622988	880307	13.59%	1.376%
94	21.754	3242	3245	3250	rVB3	511075	648205	10.01%	1.013%
95	22.135	3307	3310	3314	rVB3	758146	985761	15.22%	1.541%
96	22.635	3391	3395	3397	rBV	1280910	1895719	29.27%	2.964%
97	22.664	3397	3400	3404	rVV	1056207	1898490	29.32%	2.968%
98	23.122	3475	3478	3483	rBV	584104	984597	15.20%	1.539%
99	23.181	3484	3488	3490	rVV2	851899	1403656	21.68%	2.194%
100	23.222	3492	3495	3504	rVB	1607121	2665885	41.17%	4.168%

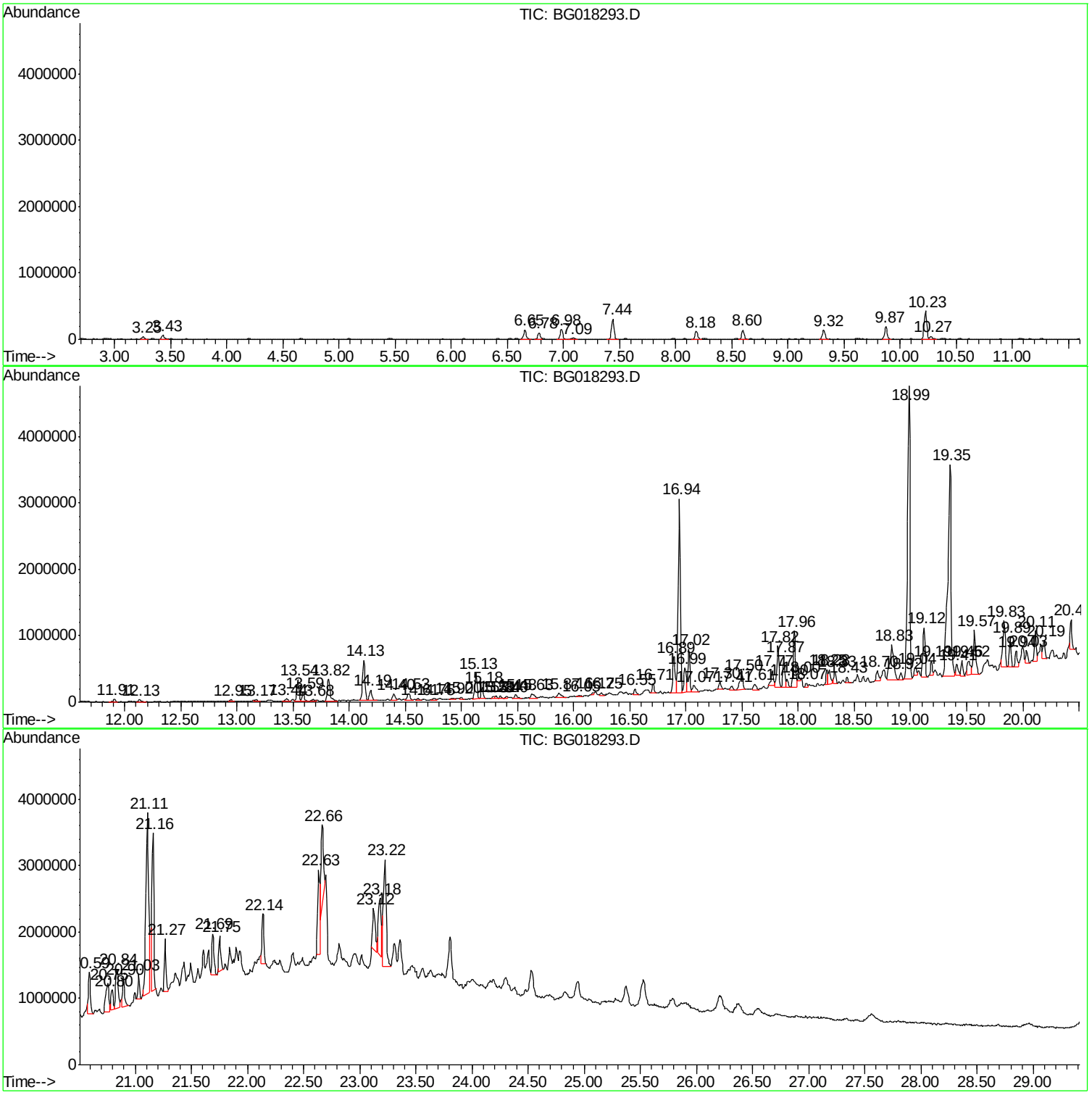
Sum of corrected areas: 63962736

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

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



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Instrument : BNA_G
ClientSampleId : C01P5RE

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

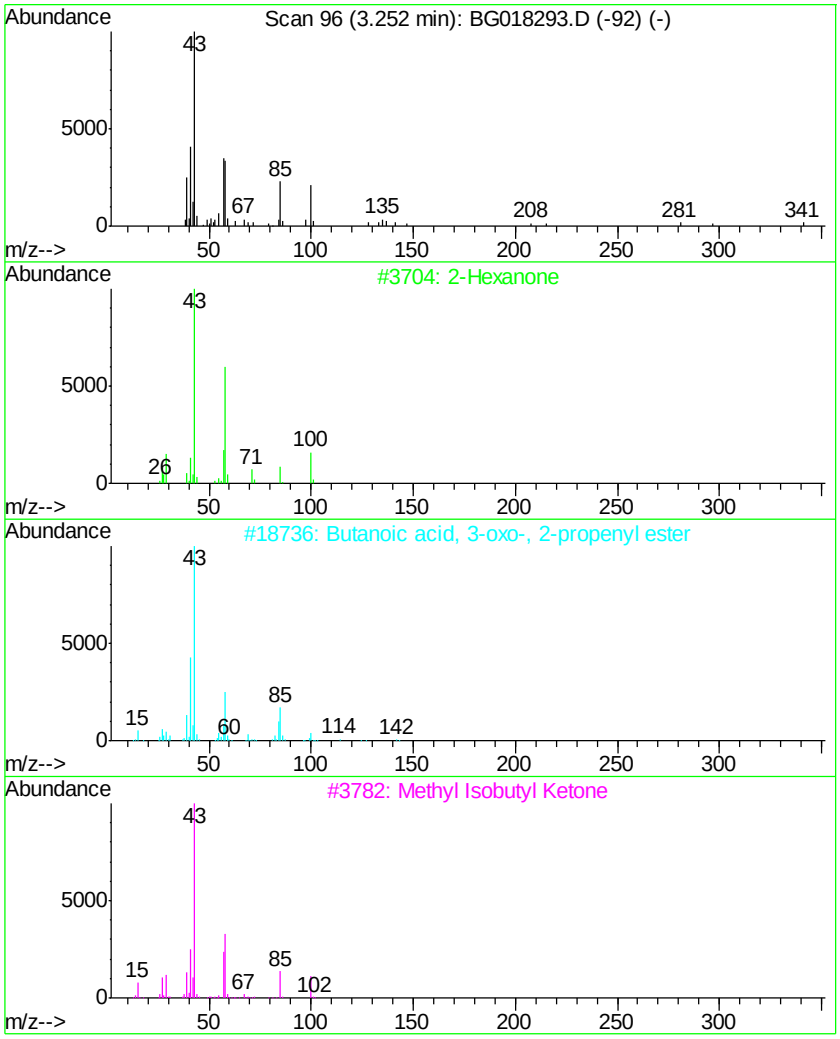
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

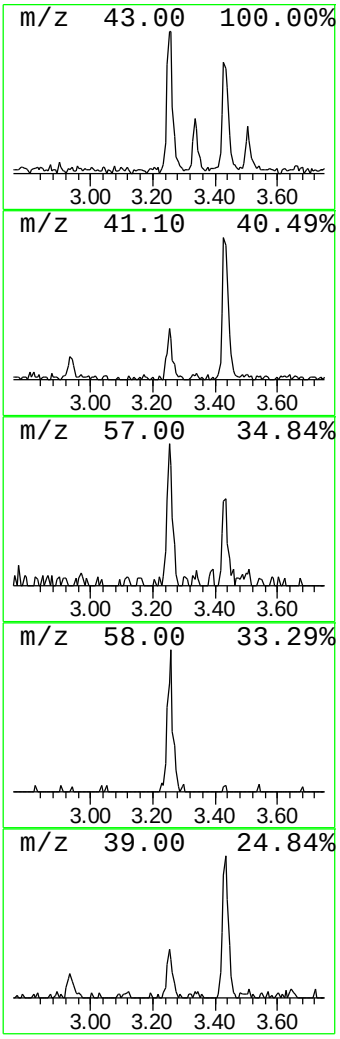
****

Peak Number 1 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	2.09 ng/ul	49867	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	49
2	Butanoic acid, 3-oxo-, 2-propenyl...	142	C7H10O3	001118-84-9	47
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	46
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	43
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

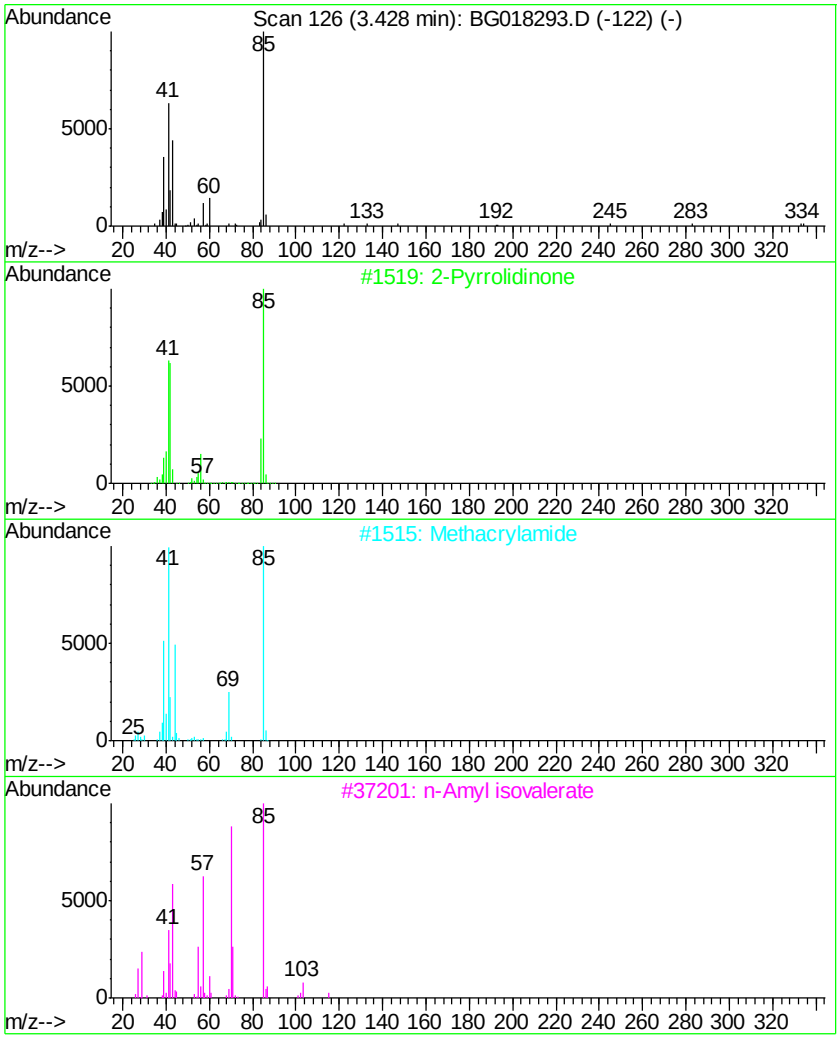
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

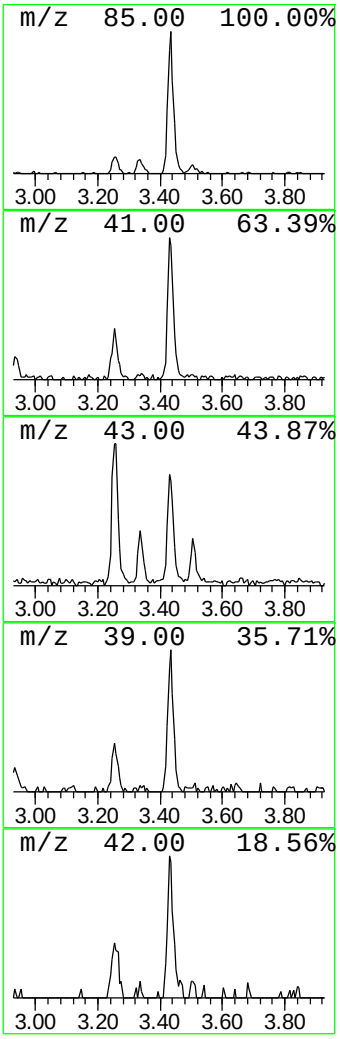
****

Peak Number 2 2-Pyrrolidinone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.43	3.60 ng/ul	85973	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	50
2	Methacrylamide	85	C4H7NO	000079-39-0	45
3	n-Amyl isovalerate	172	C10H20O2	025415-62-7	39
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
5	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

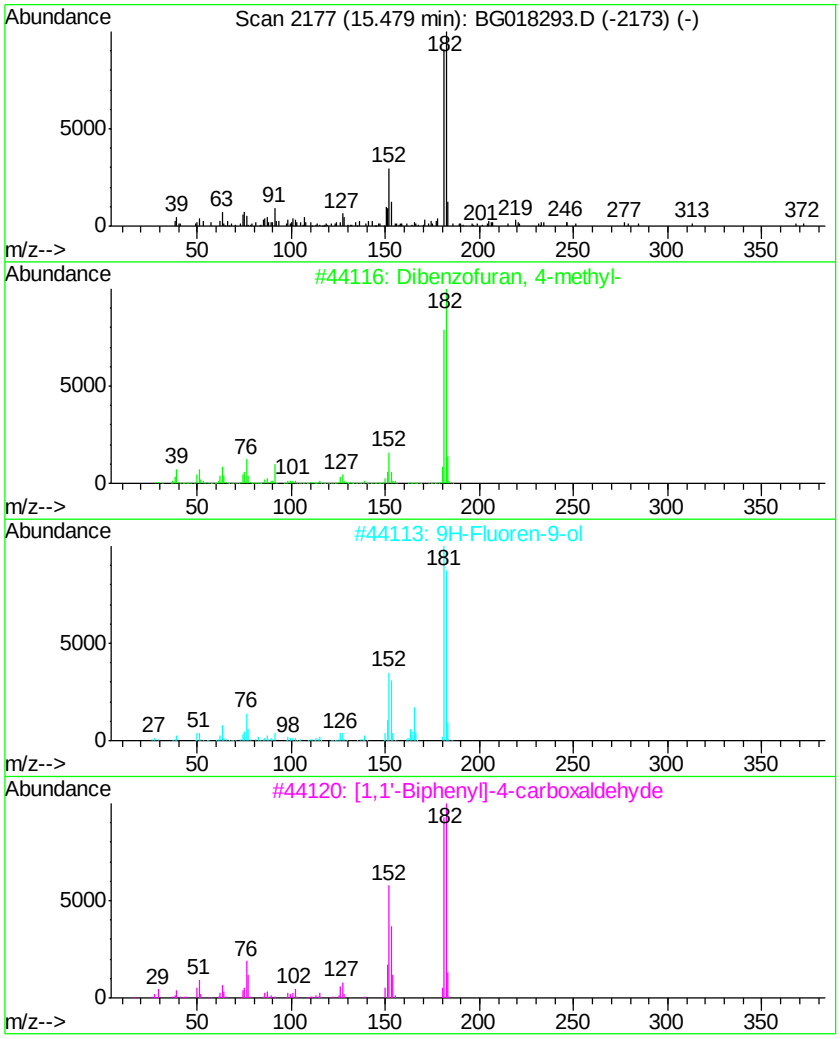
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

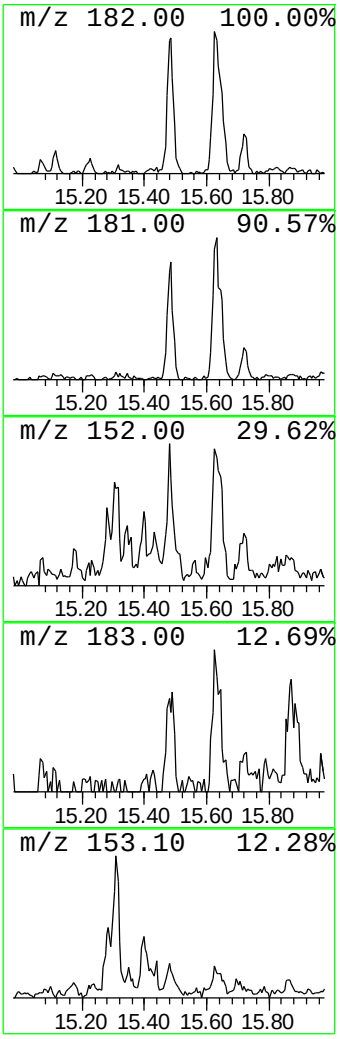
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.26 ng/ul	101064	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

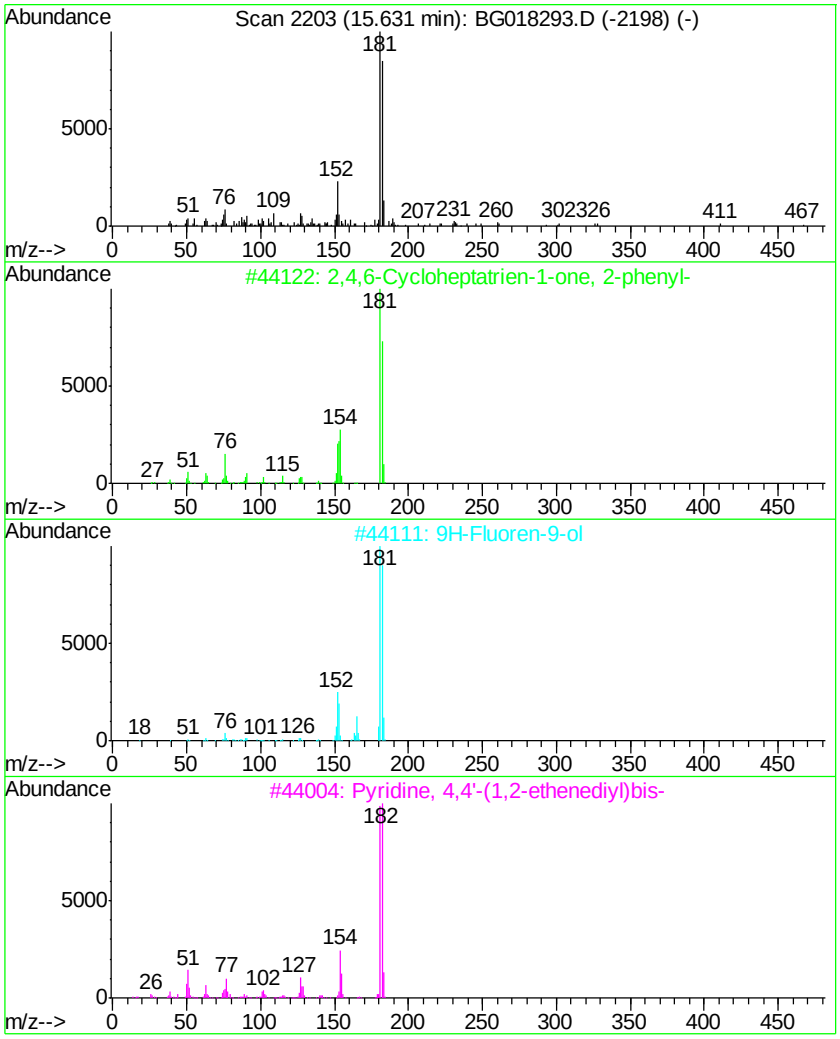
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

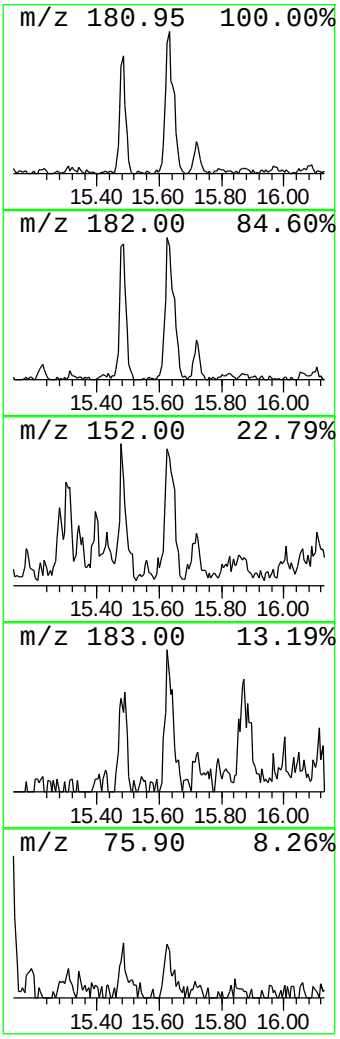
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	3.02 ng/ul	134034	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
4	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59





Library Search Compound Report

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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

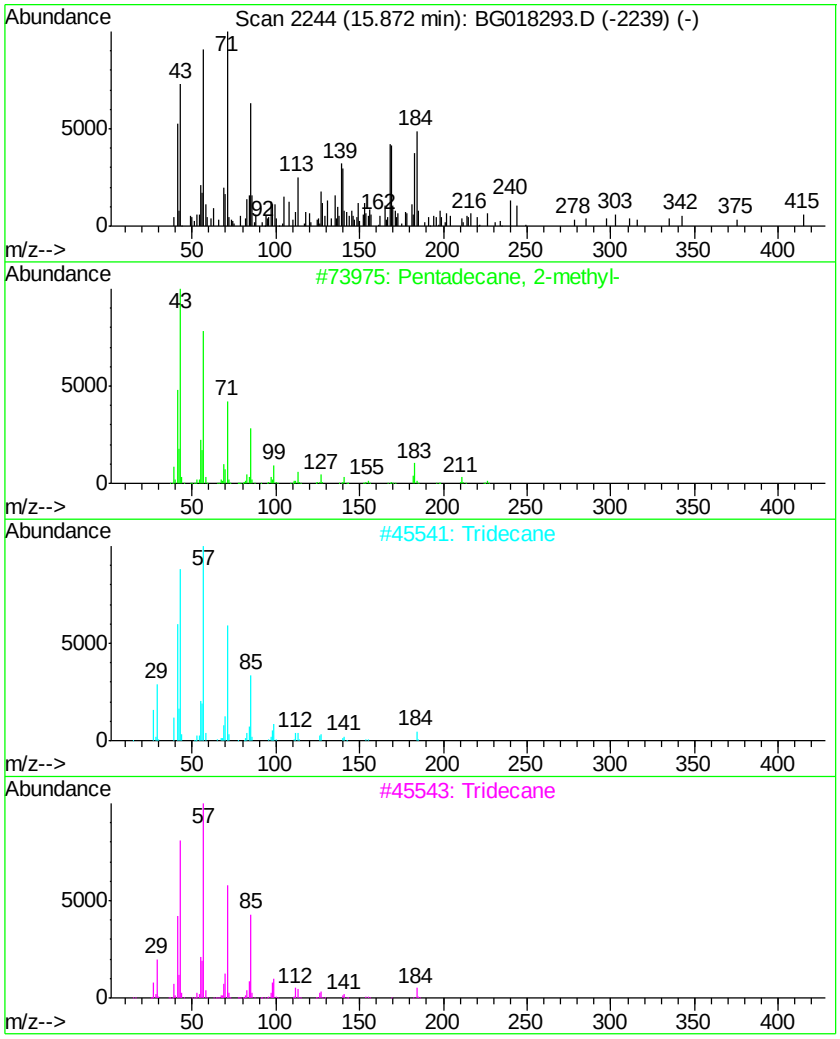
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

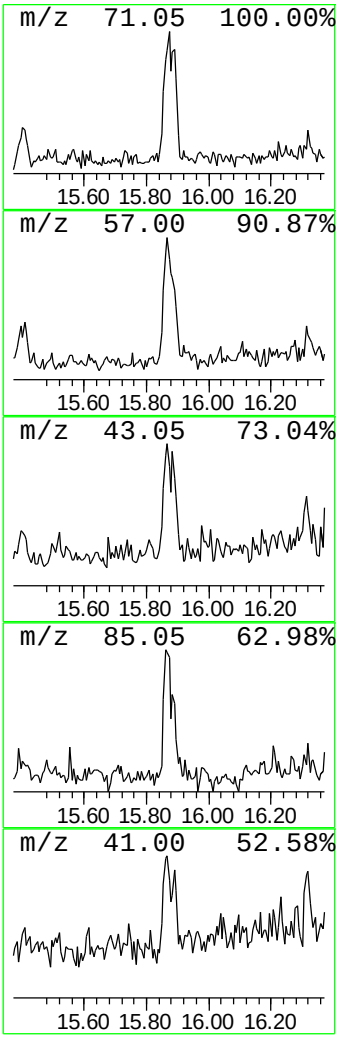
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.43 ng/ul	151952	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	62
2	Tridecane	184	C13H28	000629-50-5	55
3	Tridecane	184	C13H28	000629-50-5	55
4	Tridecane	184	C13H28	000629-50-5	49
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	45





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Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

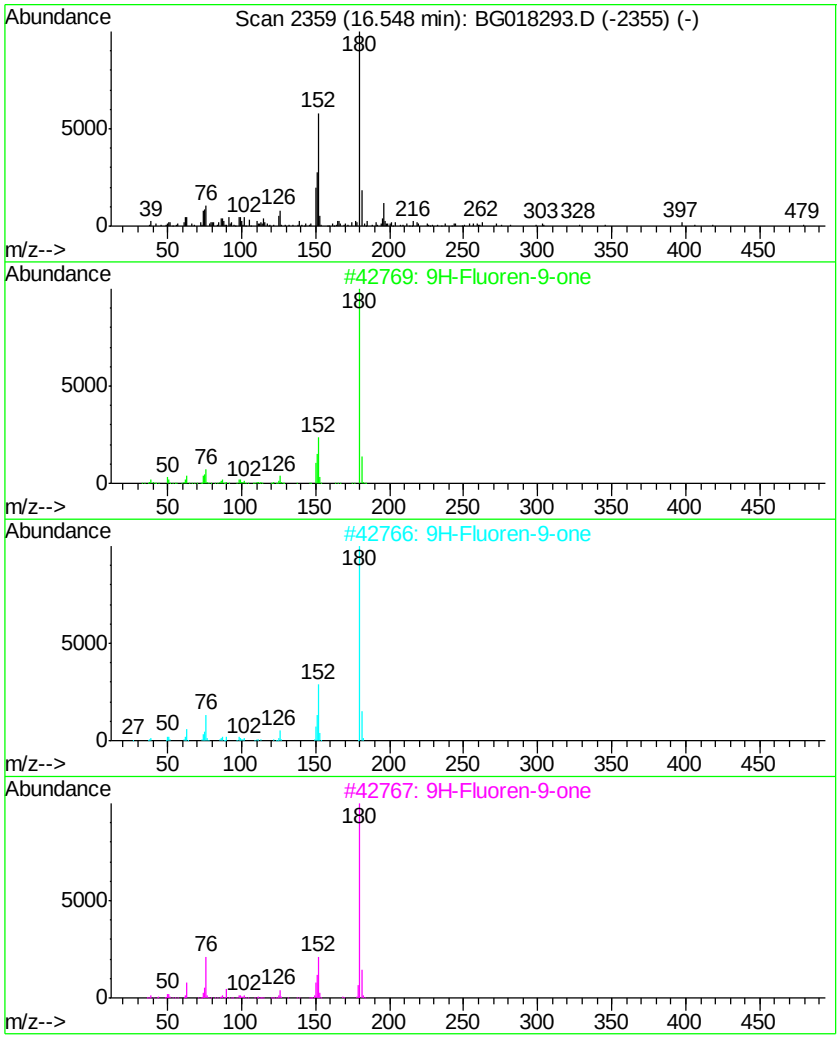
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

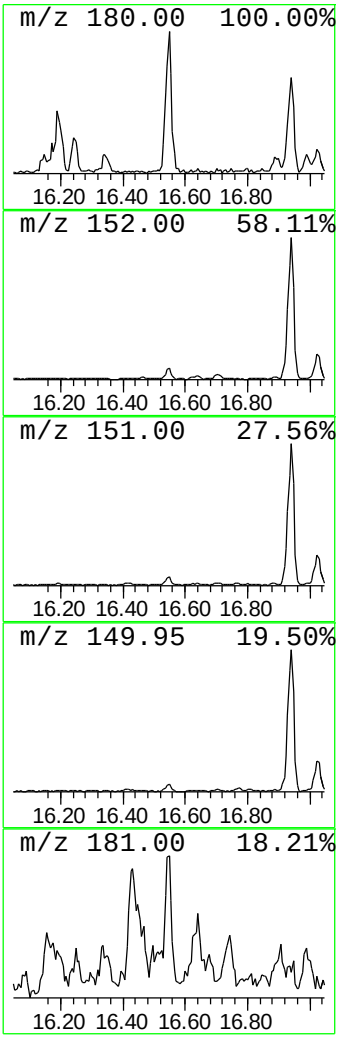
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.46 ng/ul	108845	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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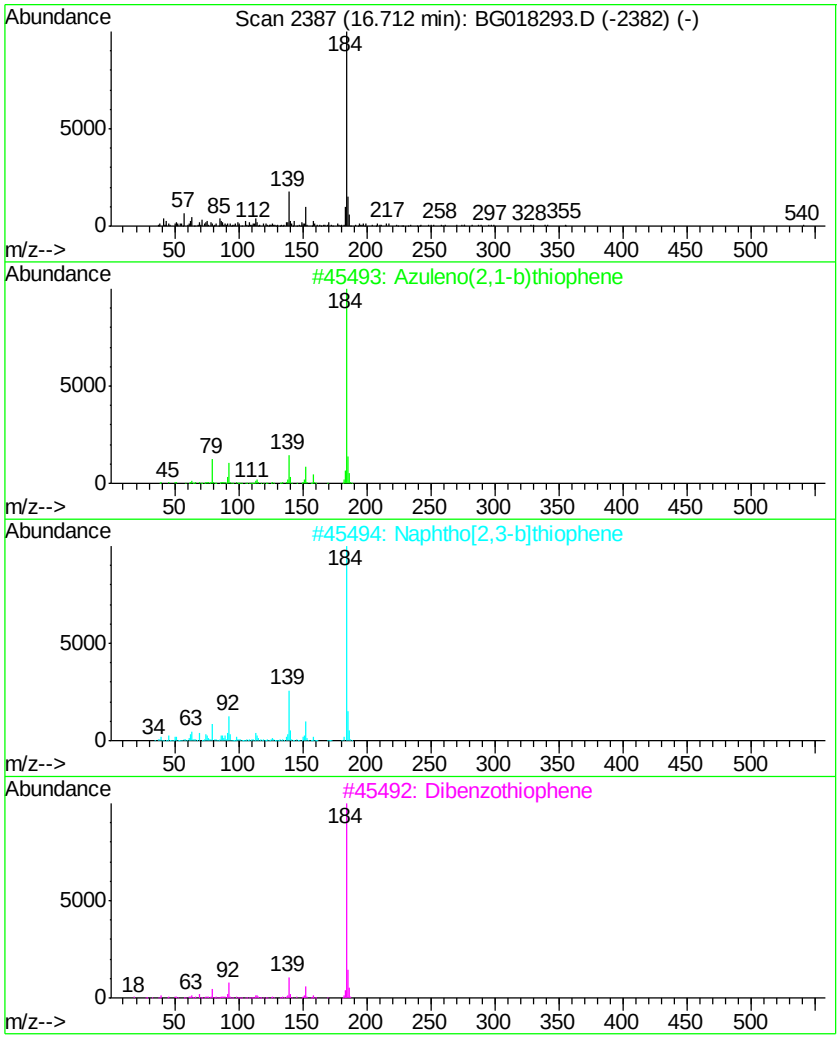
Quant Title : SVOA CALIBRATION

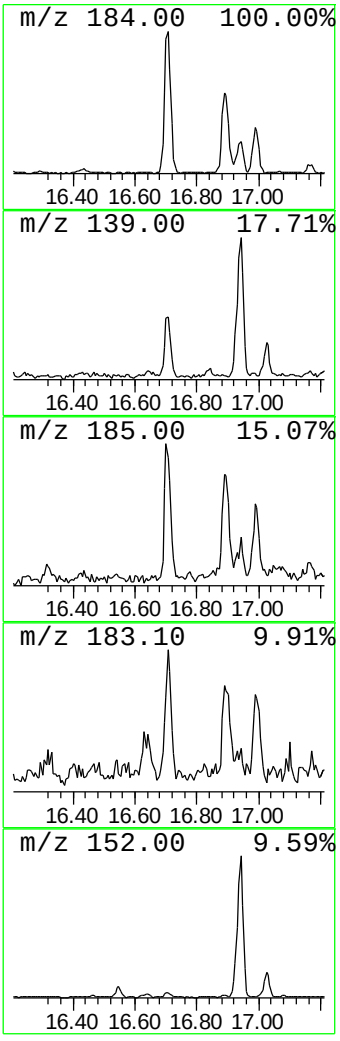
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Azuleno(2,1-b)thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	4.22 ng/ul	187174	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	87
4	Dibenzothiophene	184	C12H8S	000132-65-0	81
5	Dibenzothiophene	184	C12H8S	000132-65-0	80





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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

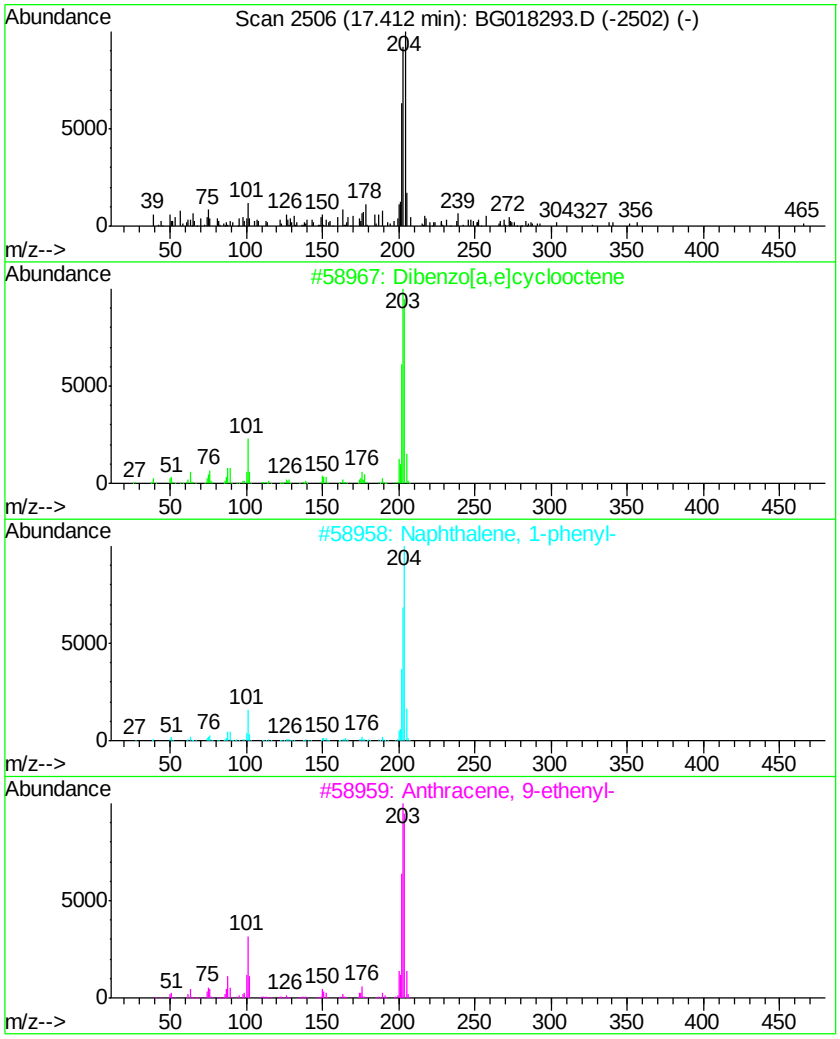
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

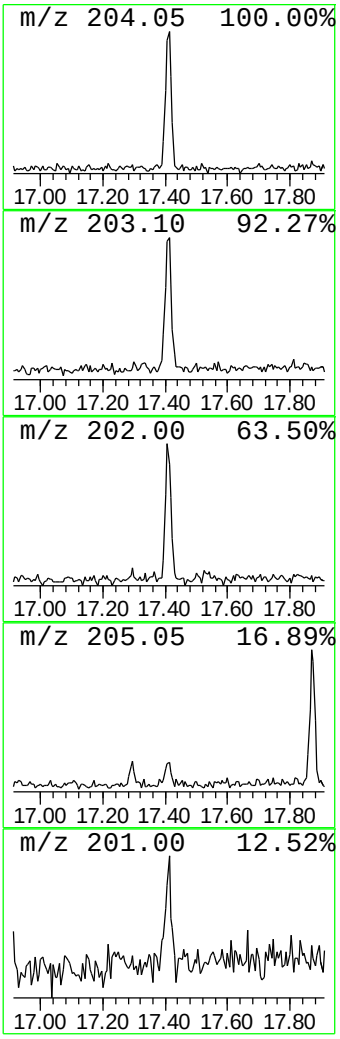
****

Peak Number 8 Dibenzo[a,e]cyclooctene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.10 ng/ul	92997	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	60
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	60
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	53
5	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	53





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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

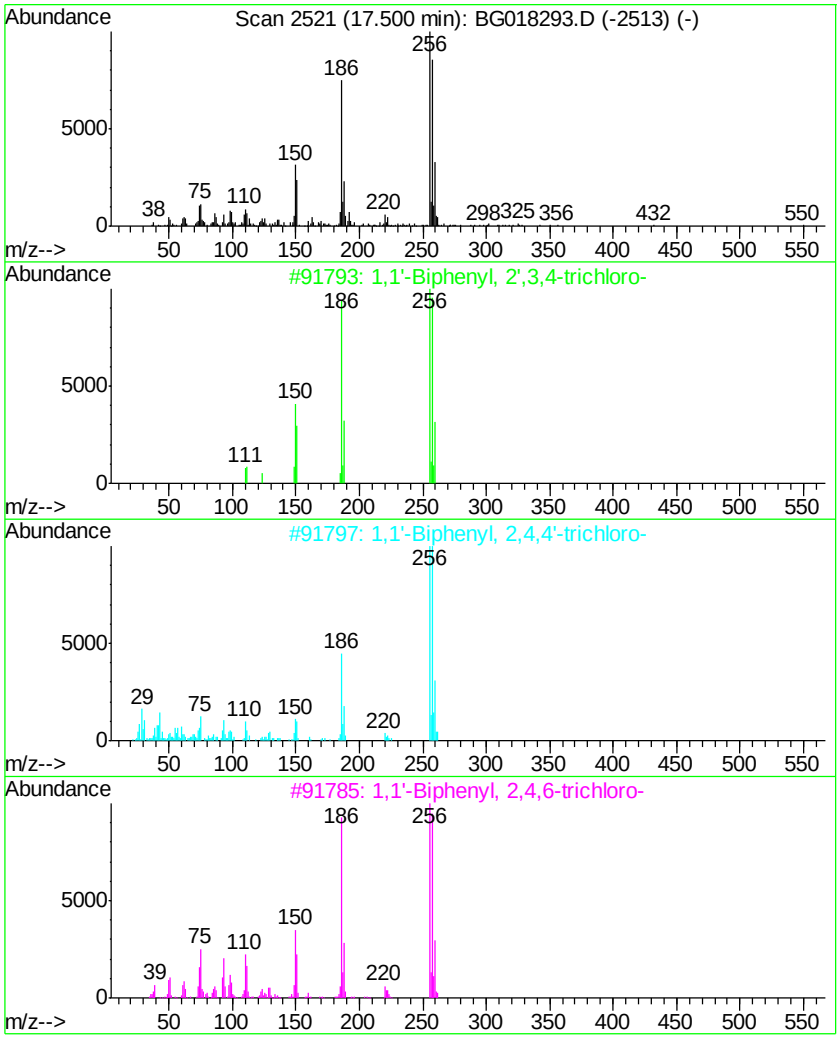
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

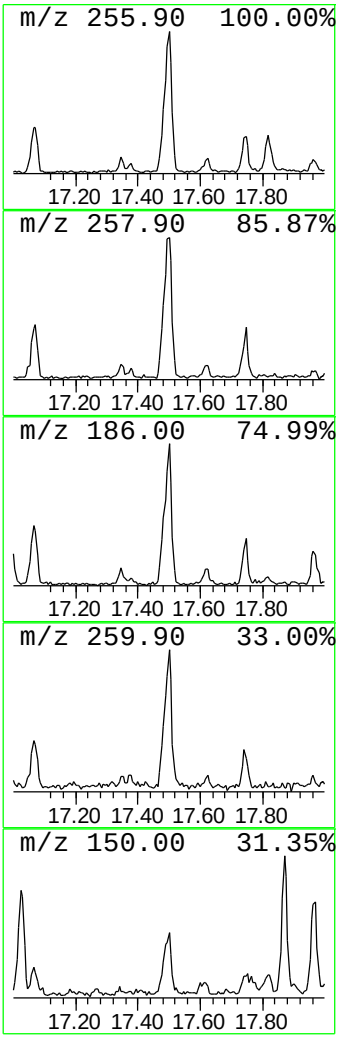
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	9.94 ng/ul	440371	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
3	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
5	1,1'-Biphenyl, 3,4,4'-Trichloro-	256	C12H7Cl3	038444-90-5	94





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Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

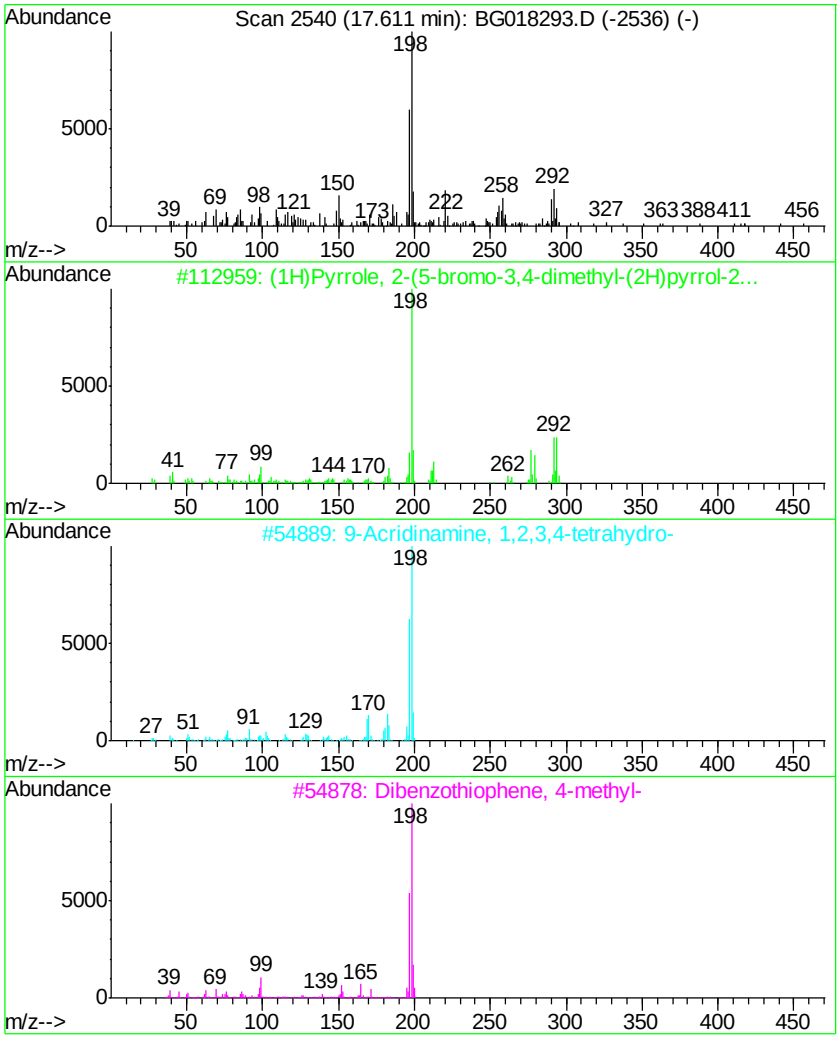
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

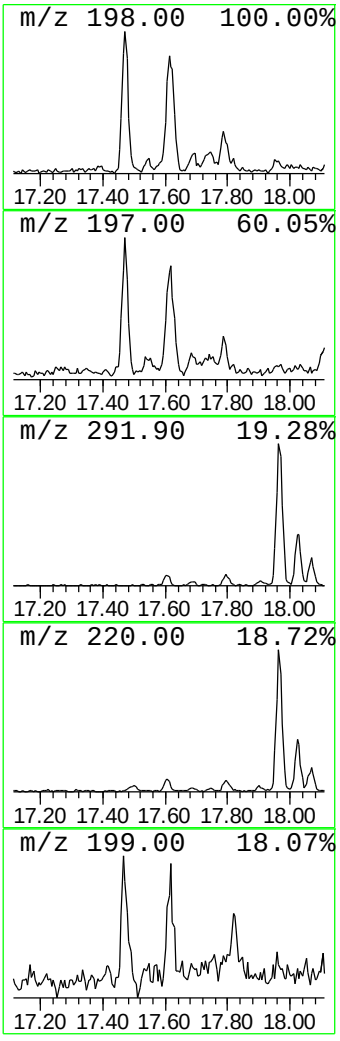
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (1H)Pyrrole, 2-(5-bromo-3,4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	3.25 ng/ul	144175	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Pyrrole, 2-(5-bromo-3,4-dime...	292	C14H17BrN2	005109-17-1	55
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	46
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	46
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	46
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	46





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Misc :
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Instrument : BNA_G
ClientSampleId : C01P5RE

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

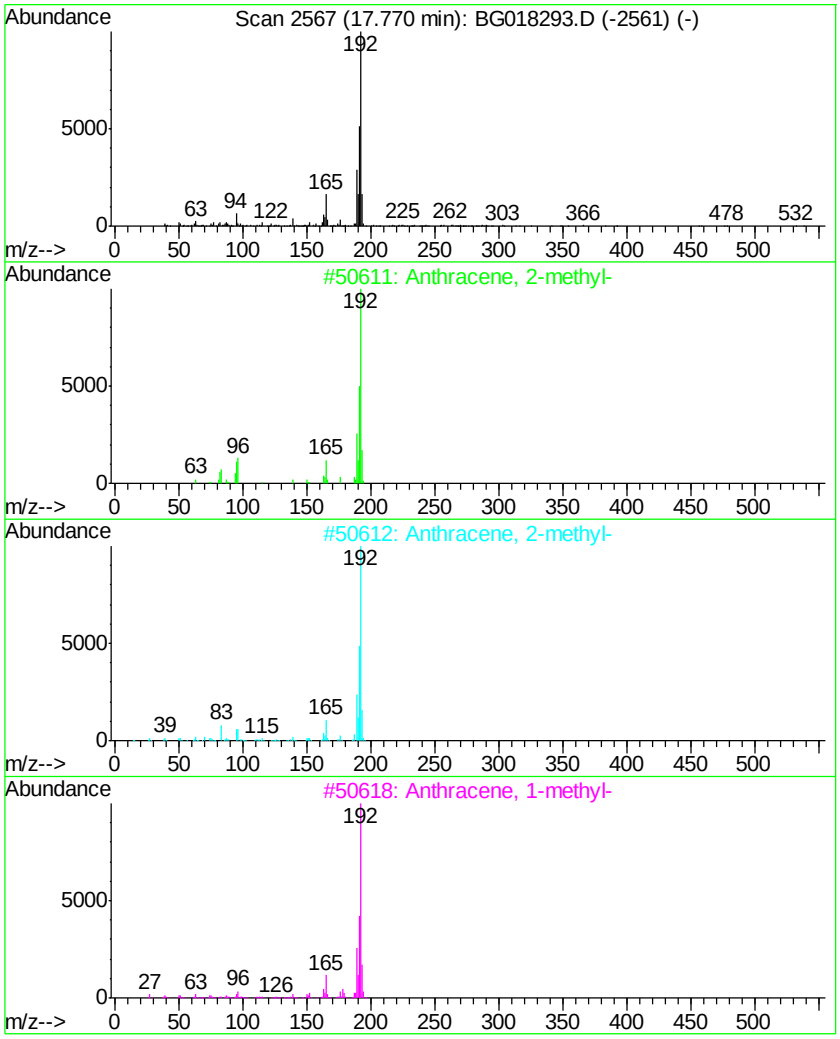
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

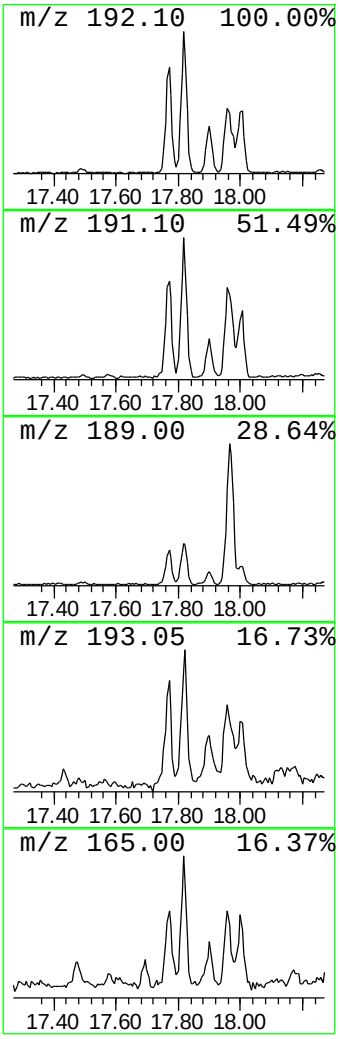
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	8.13 ng/ul	360145	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

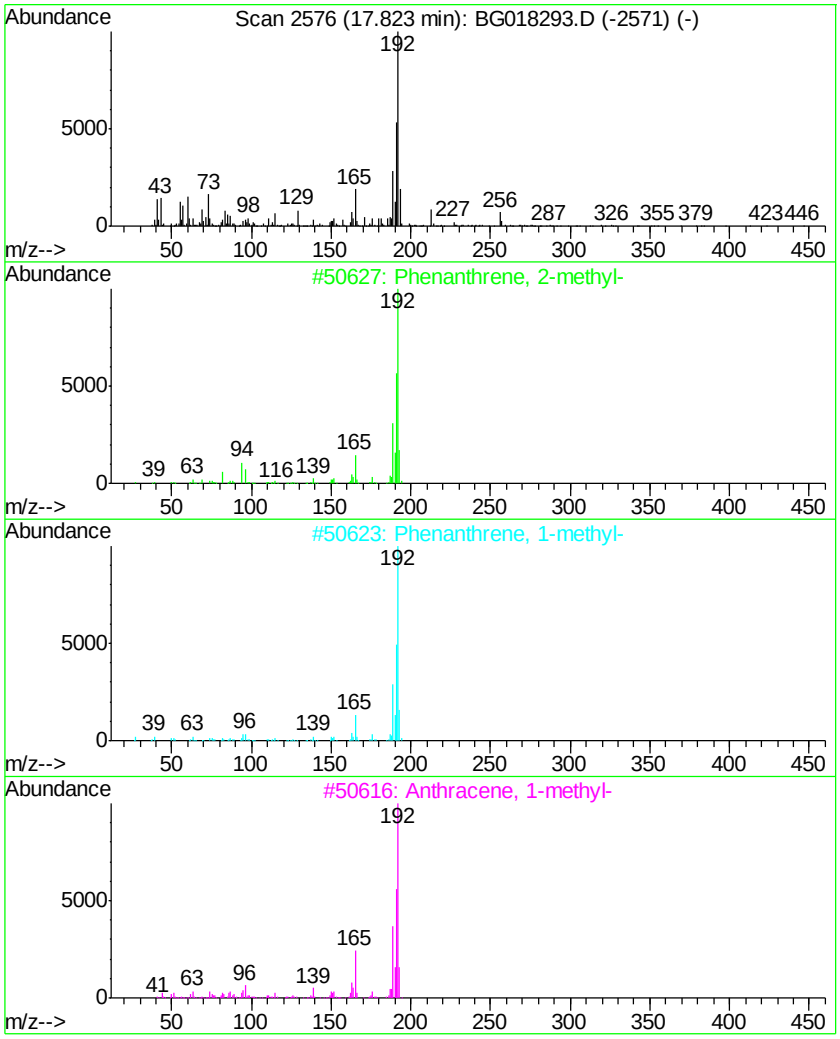
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

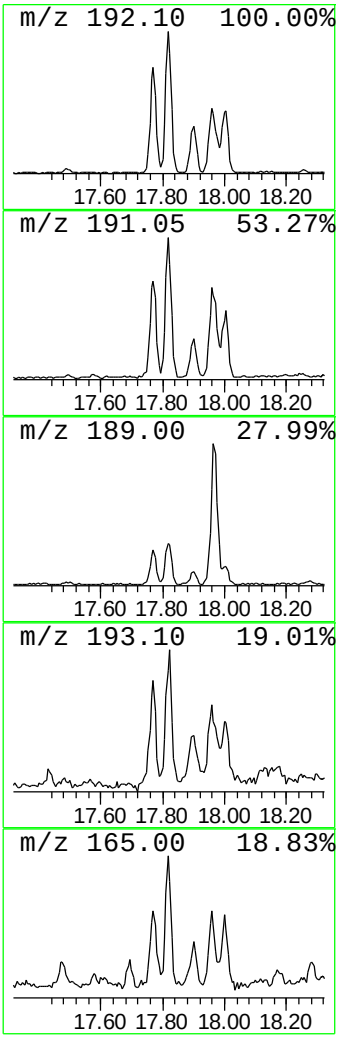
****

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	18.20 ng/ul	806544	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

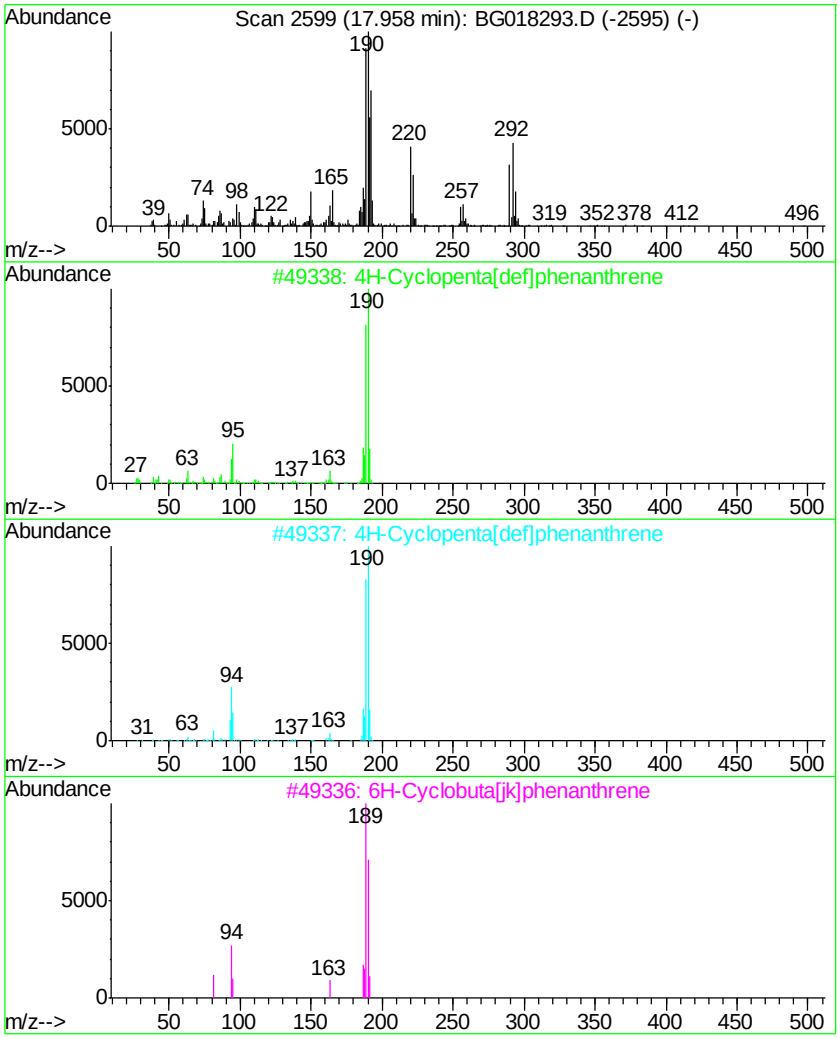
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

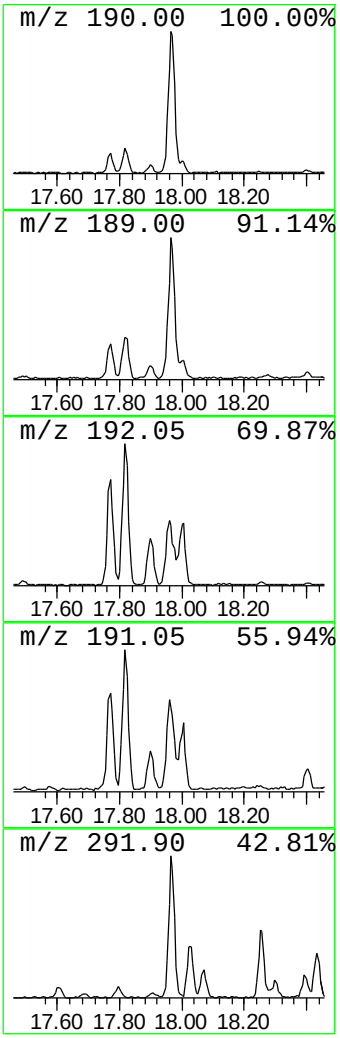
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	27.82 ng/ul	1232660	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	35
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	32
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	17





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

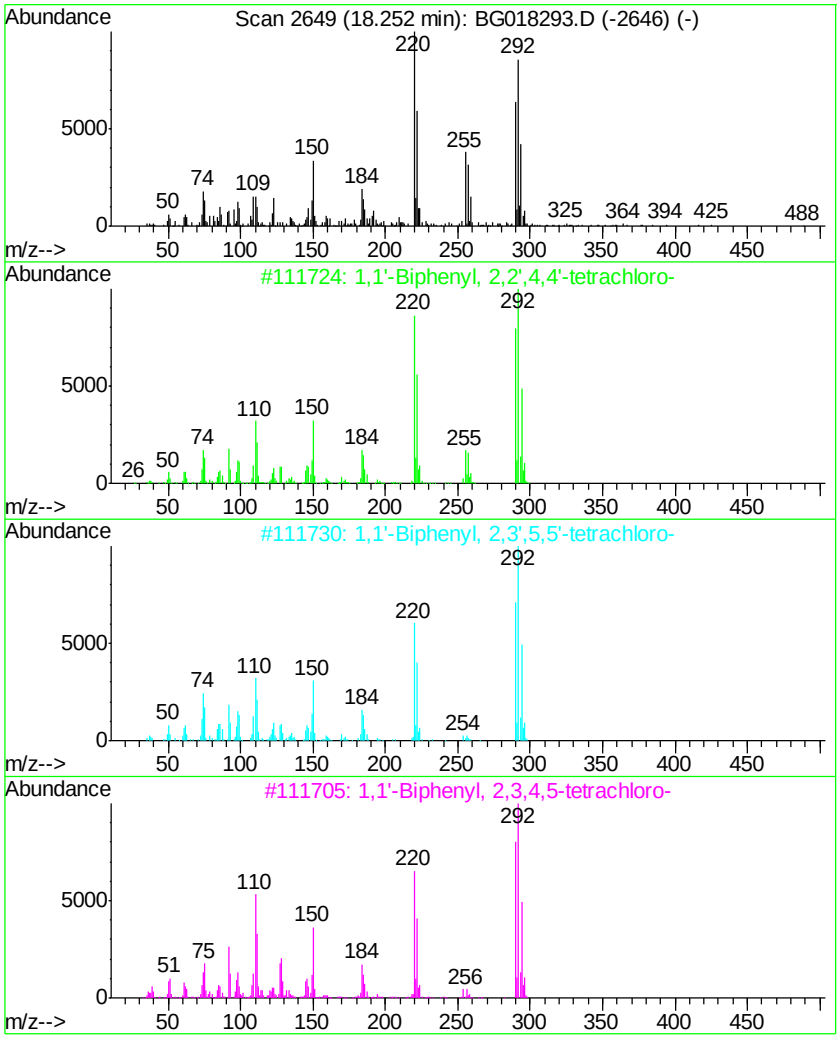
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

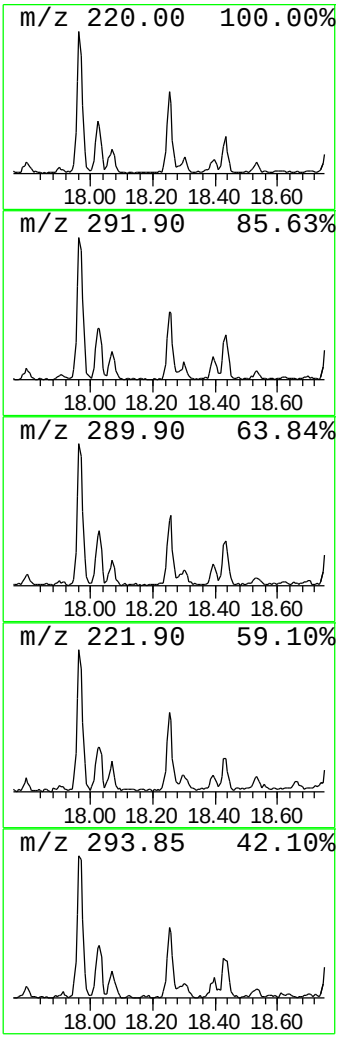
****

Peak Number 14 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	6.04 ng/ul	267619	Phenanthrene-d10	16.89

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',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

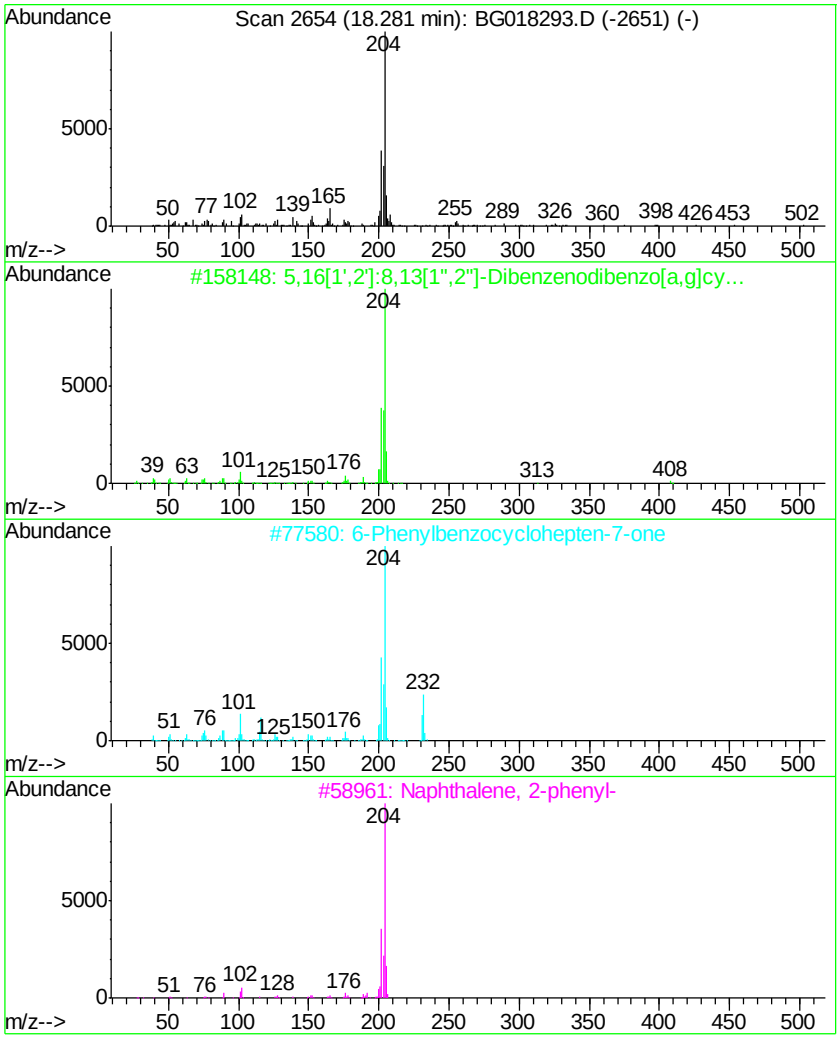
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

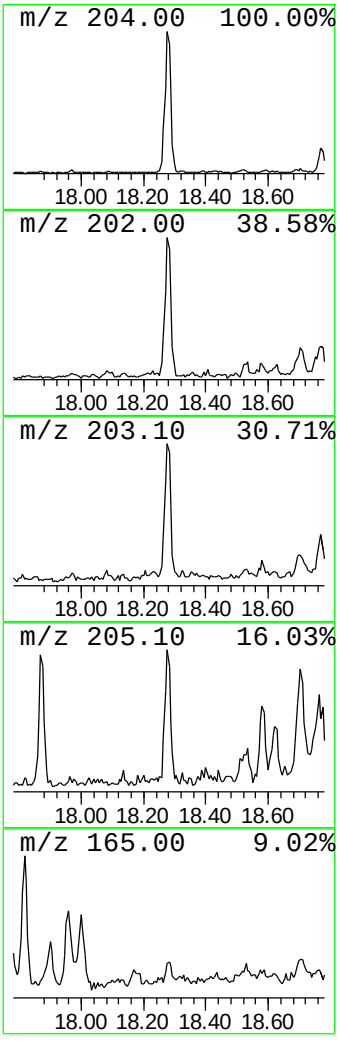
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	6.45 ng/ul	285945	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

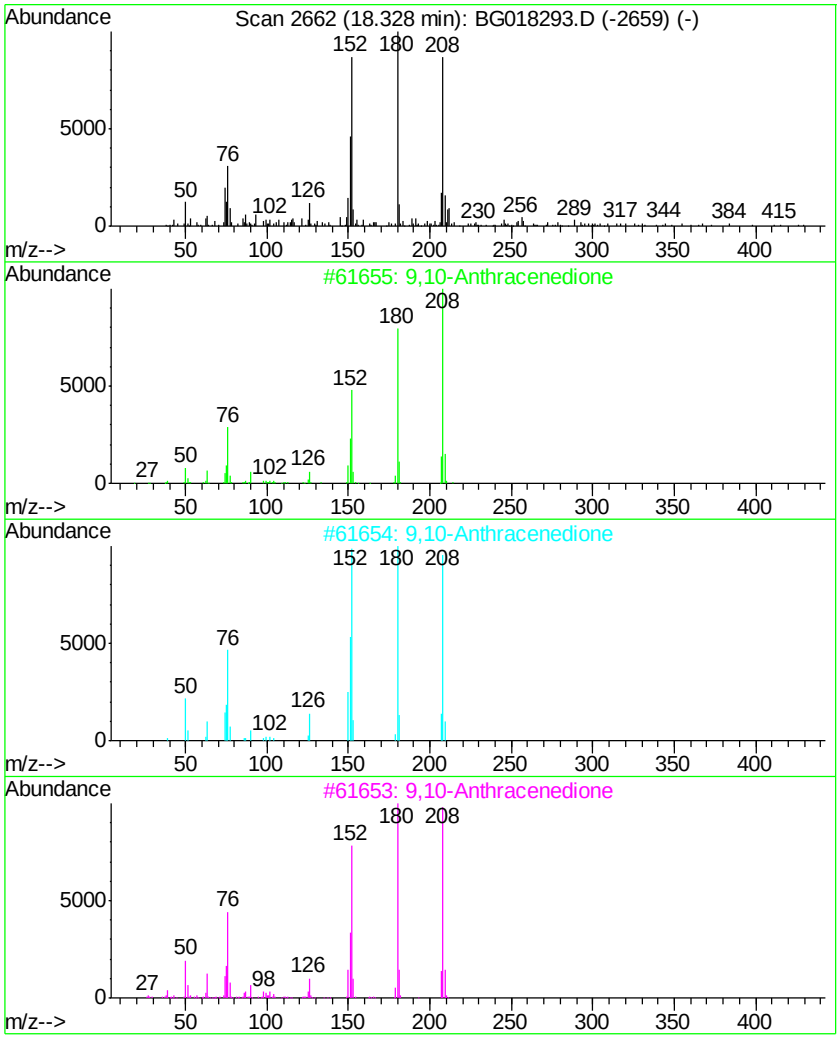
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

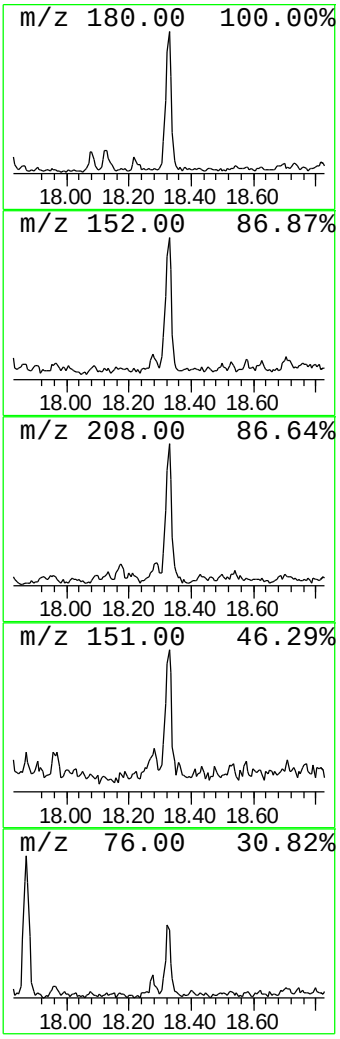
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.85 ng/ul	214995	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

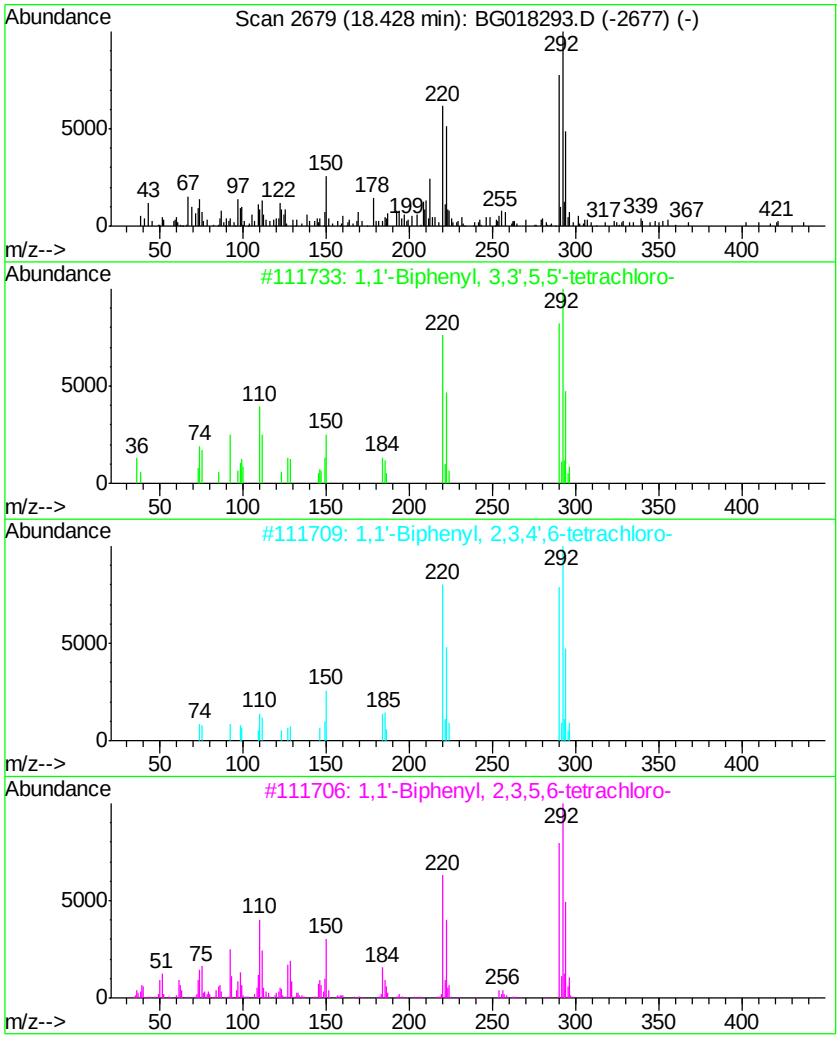
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

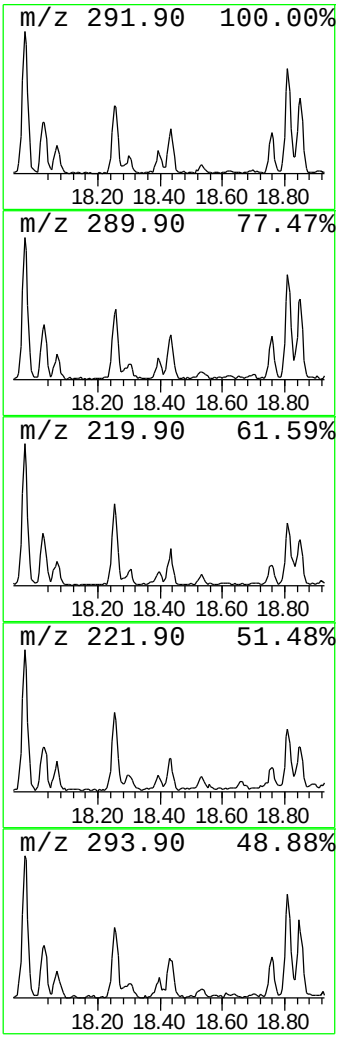
****

Peak Number 17 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.36 ng/ul	104627	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	94
3	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	94
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94
5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	93





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Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

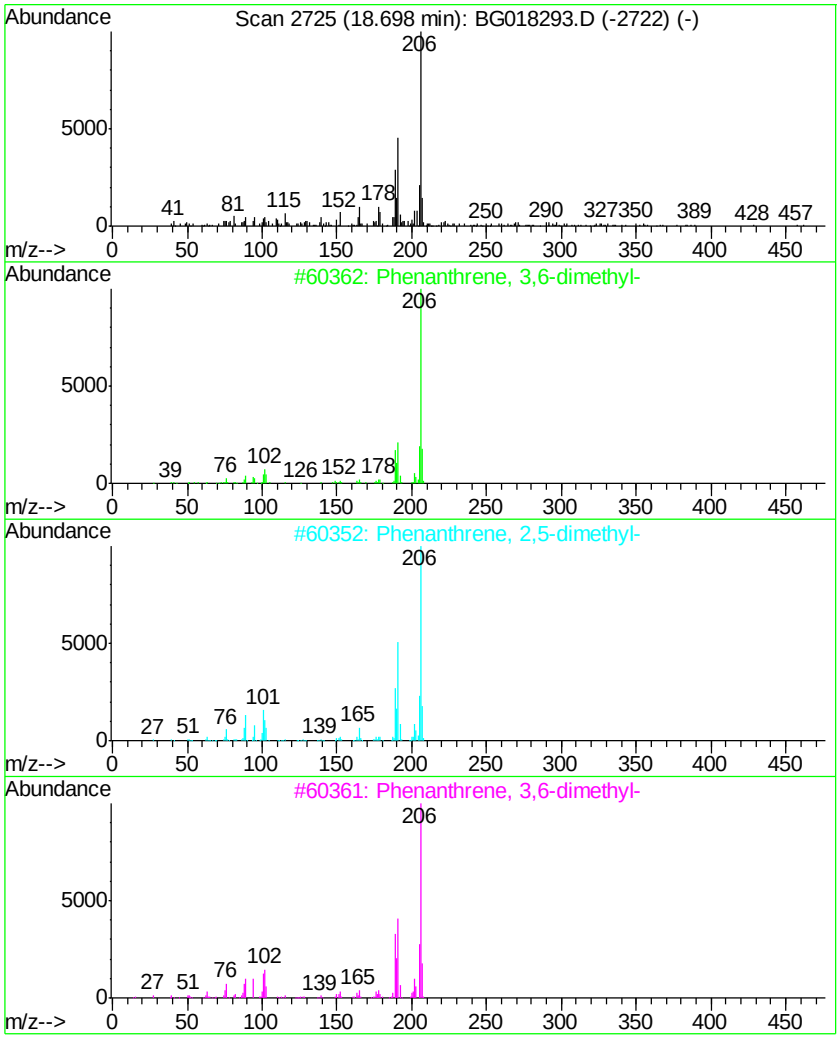
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

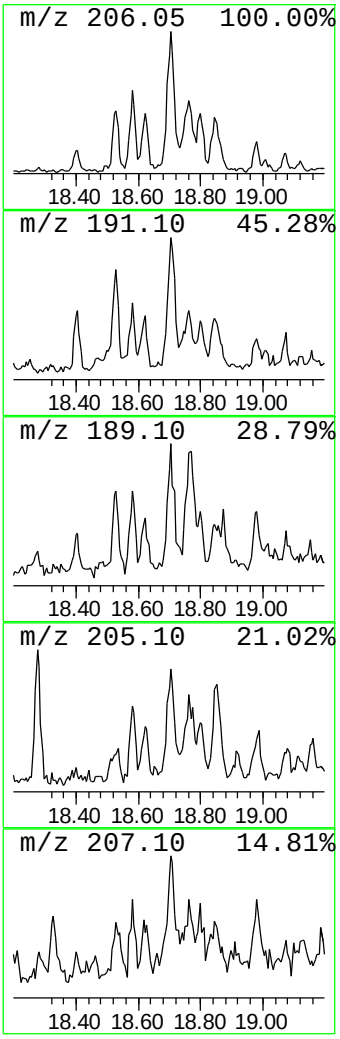
****

Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.99 ng/ul	220953	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

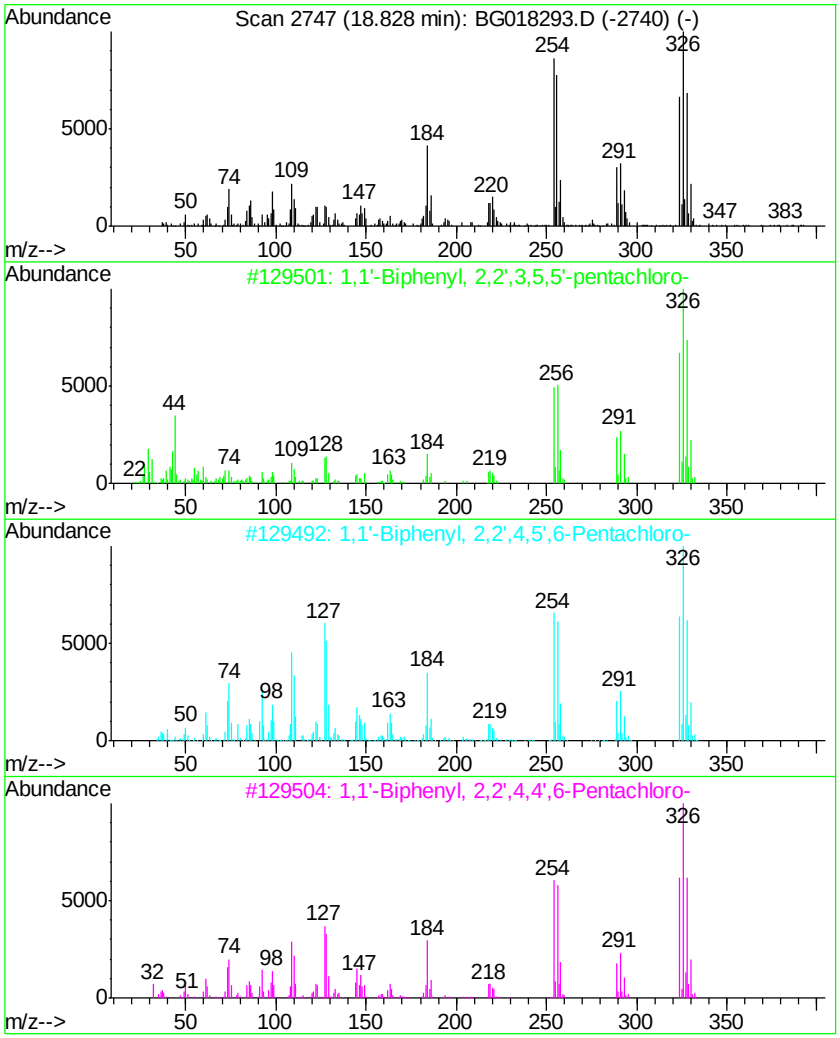
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

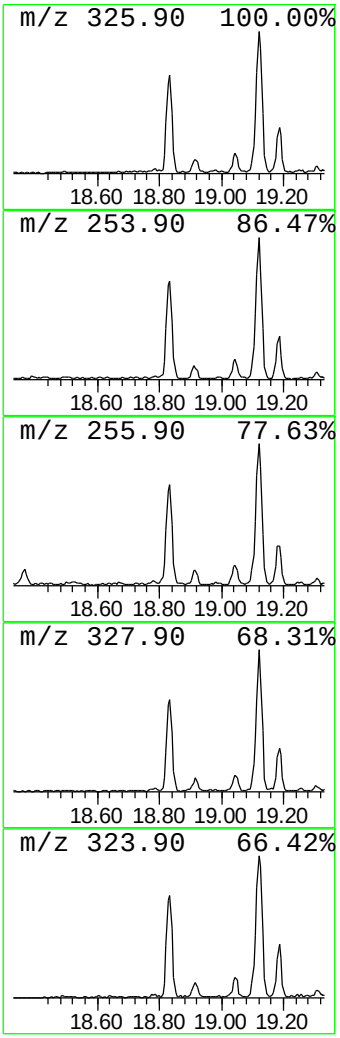
****

Peak Number 19 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	29.86 ng/ul	1323310	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
2	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	96
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	95





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Operator : UM/TP
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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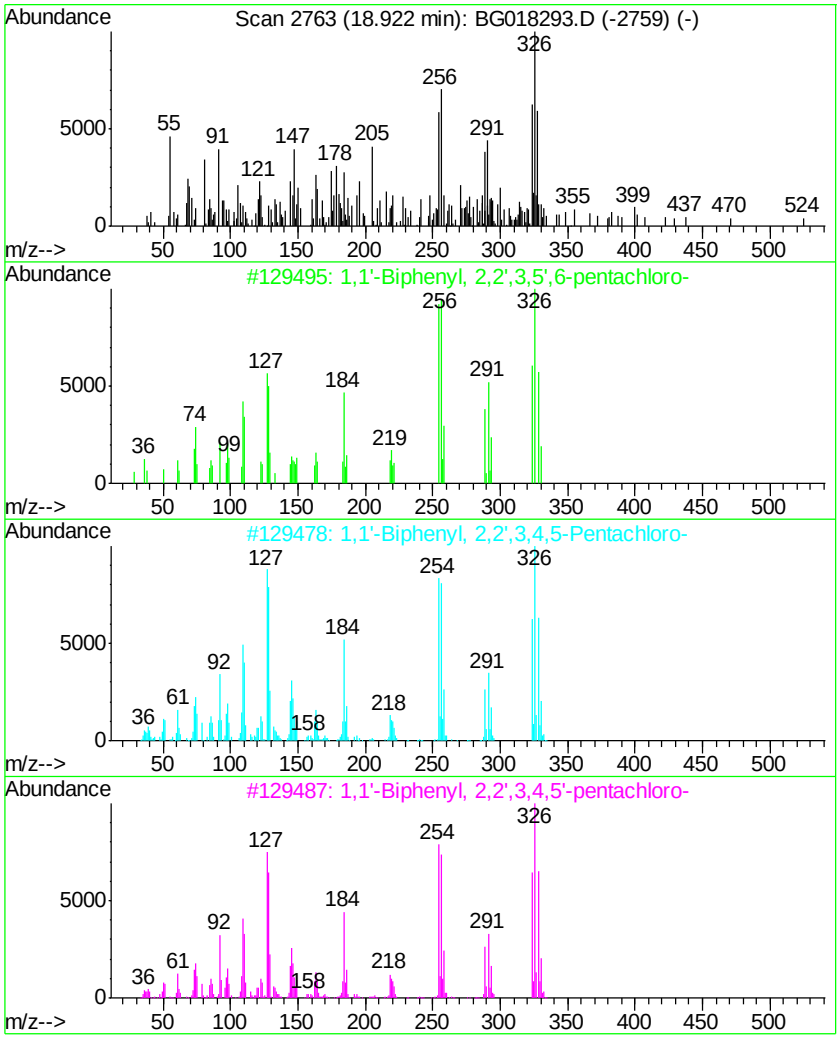
Quant Title : SVOA CALIBRATION

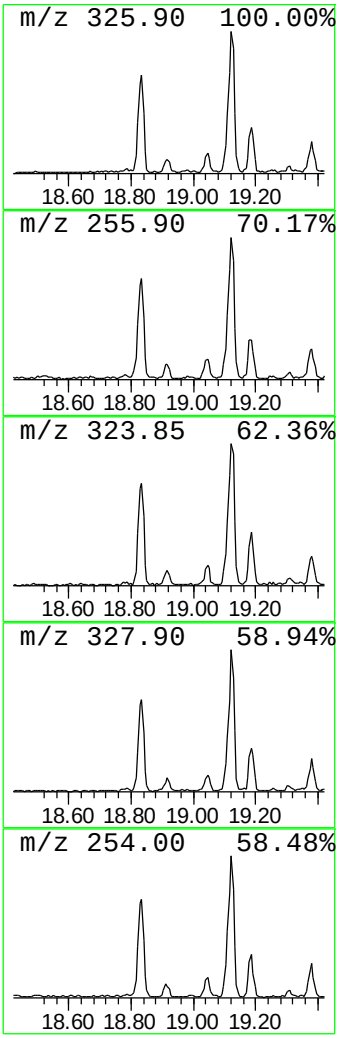
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,2',3,5',6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.89 ng/ul	128150	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	95
2	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	95
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94





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Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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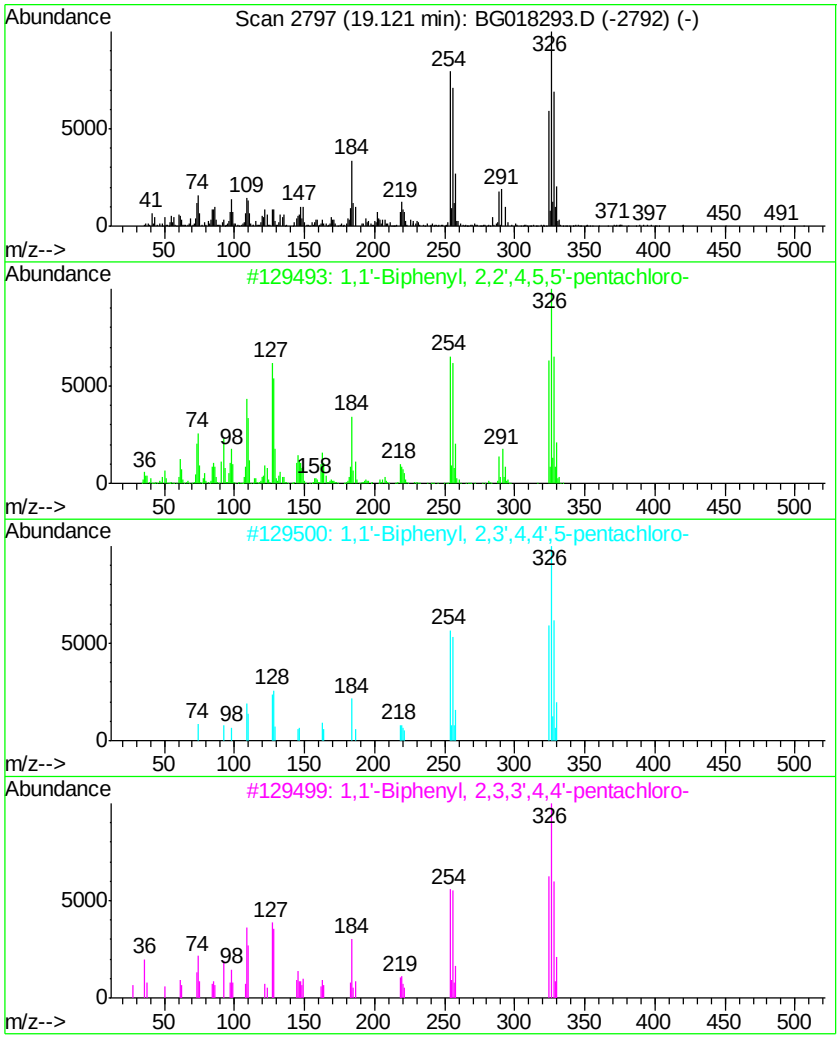
Quant Title : SVOA CALIBRATION

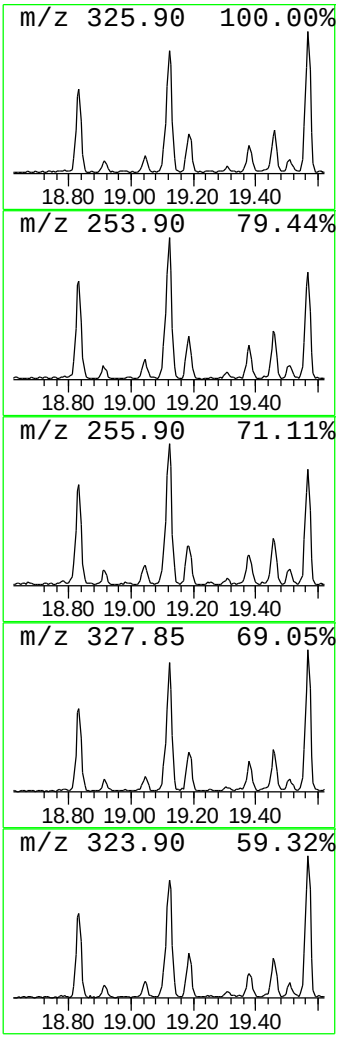
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	4.31 ng/ul	1028000	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	95
4	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95





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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

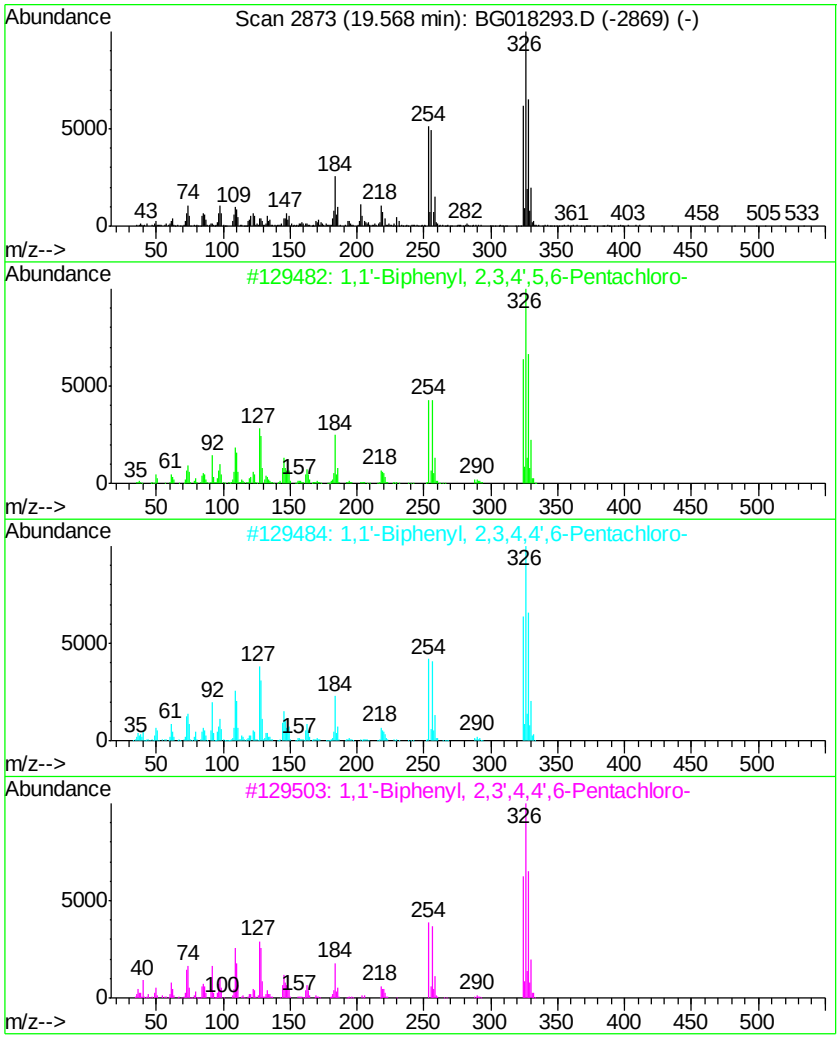
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

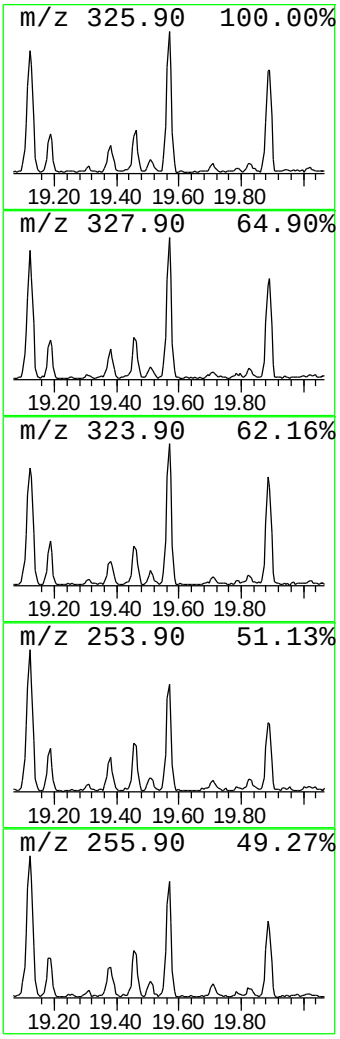
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	4.25 ng/ul	1012990	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95
2	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	95
3	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	94





Library Search Compound Report

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Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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Quant Title : SVOA CALIBRATION

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

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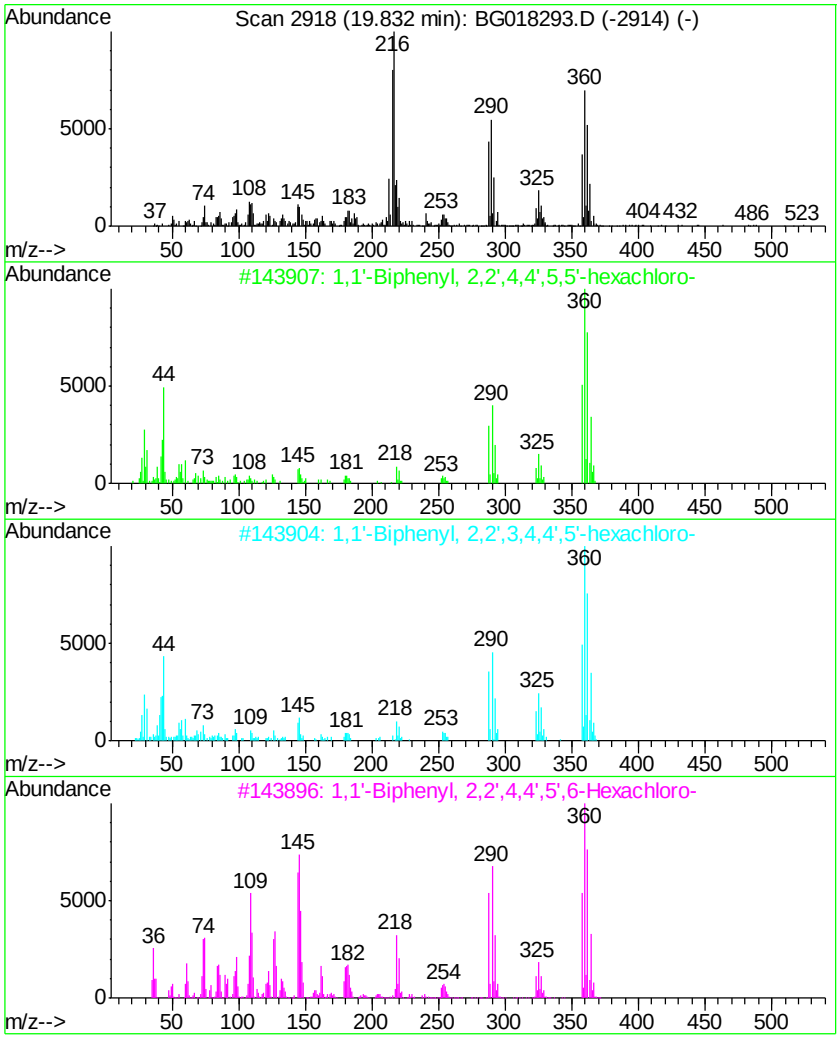
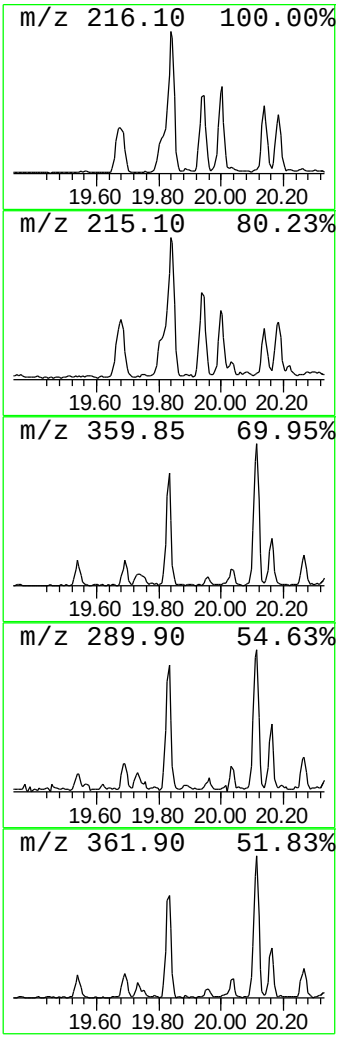
Peak Number 23 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	4.42 ng/ul	1055130	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	97
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	70
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	70
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	64





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Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

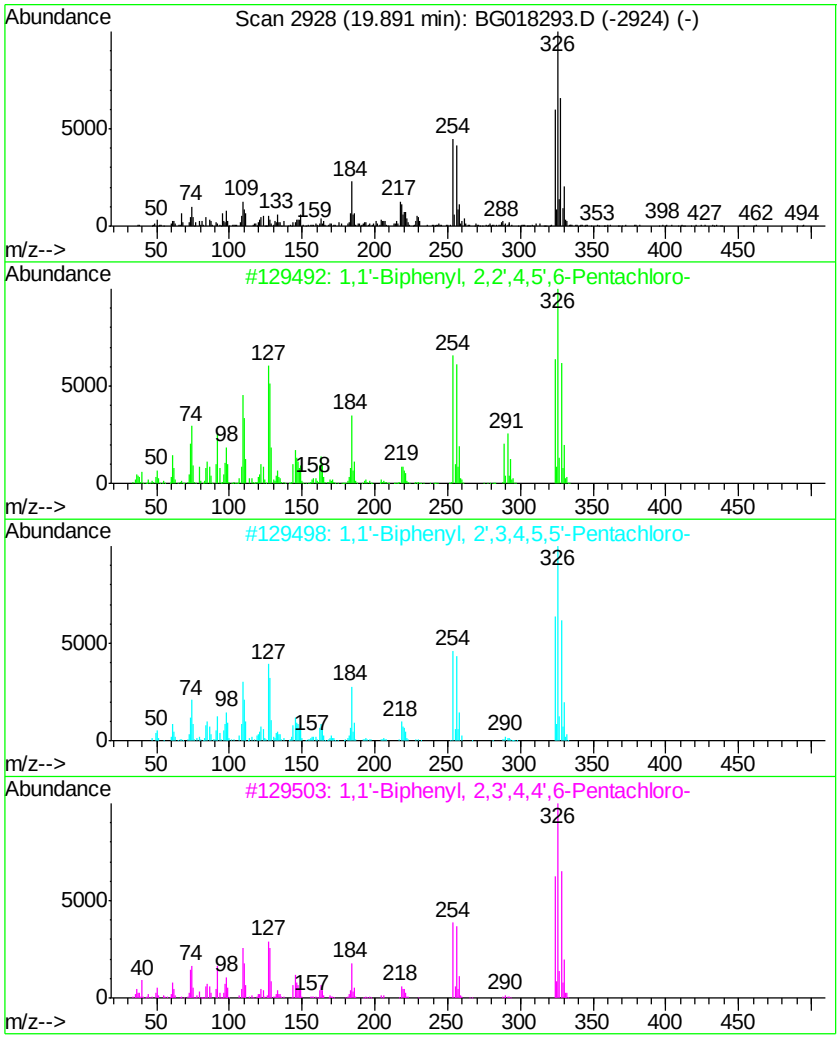
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

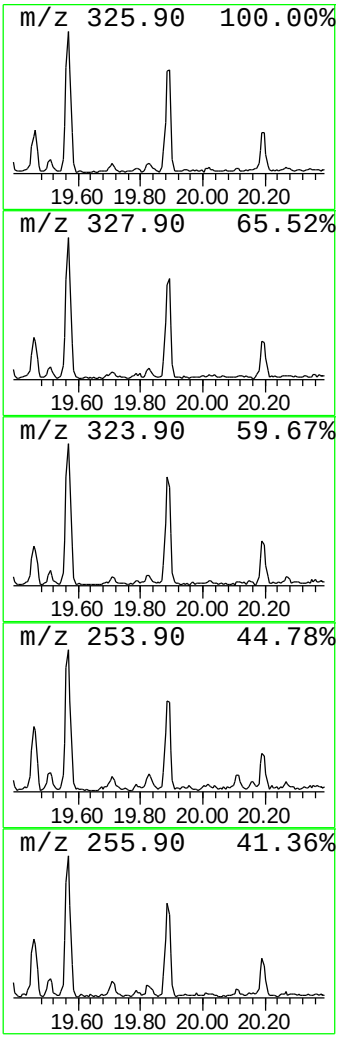
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.14 ng/ul	511310	Chrysene-d12	21.12

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',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
3	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	95
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	94





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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Quant Title : SVOA CALIBRATION

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

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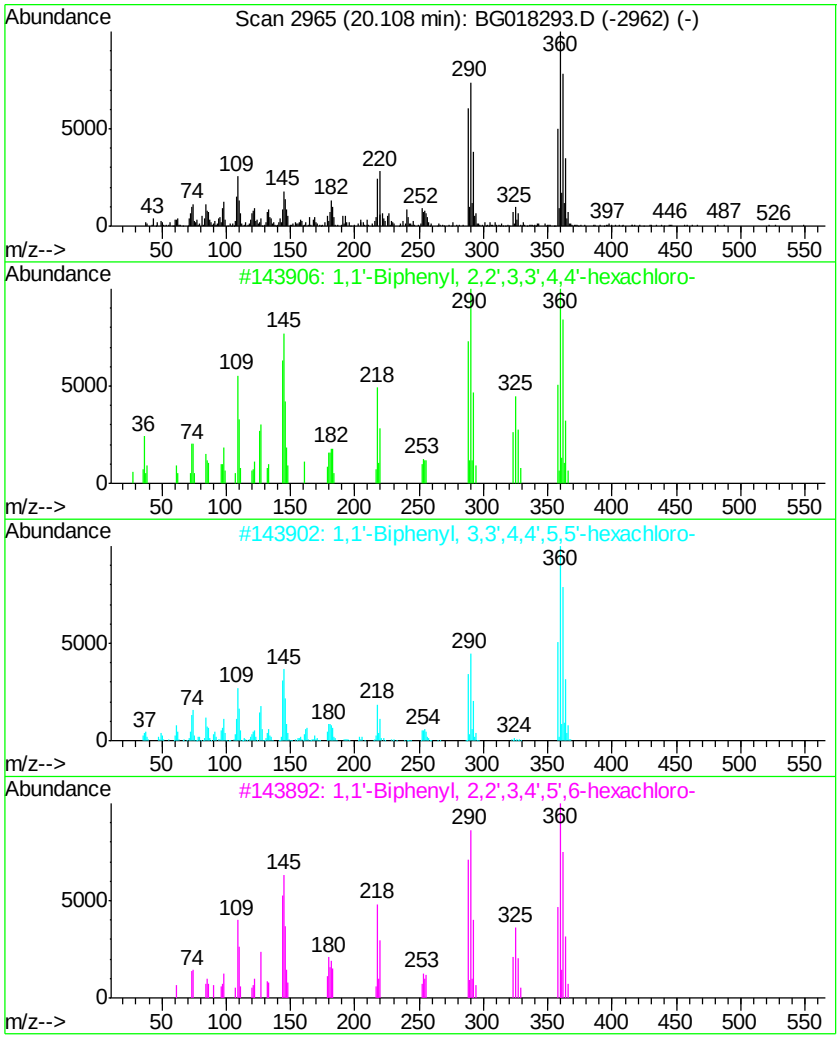
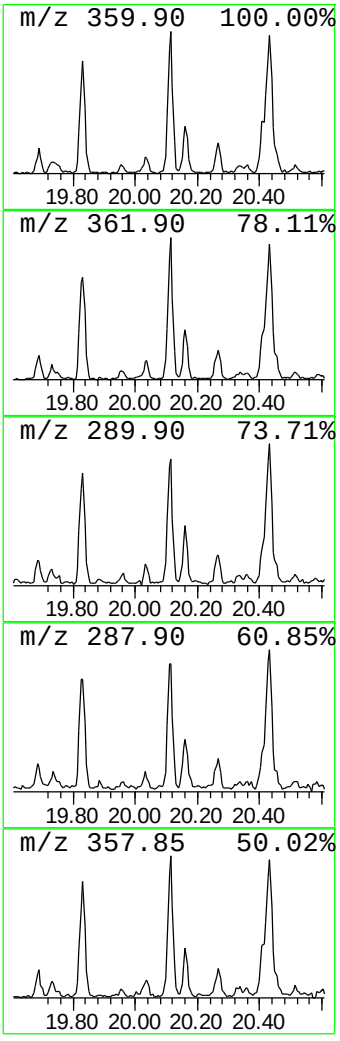
Peak Number 25 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.29 ng/ul	545644	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	96
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	95
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	95
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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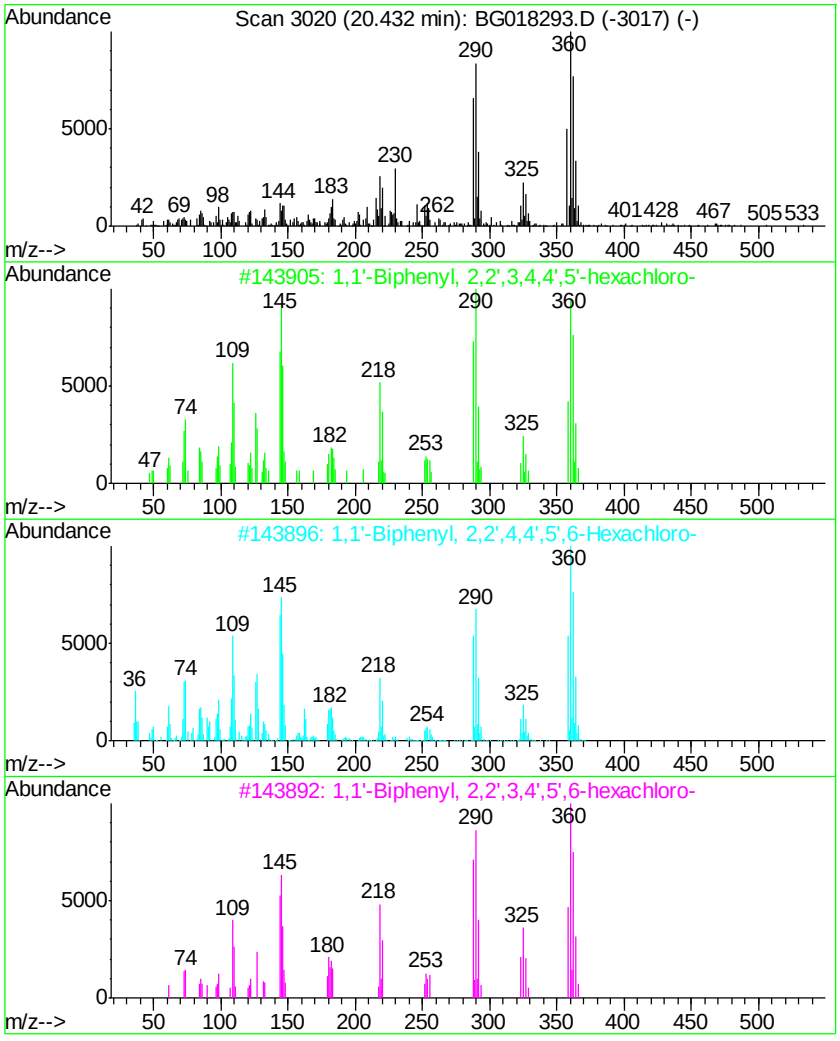
Quant Title : SVOA CALIBRATION

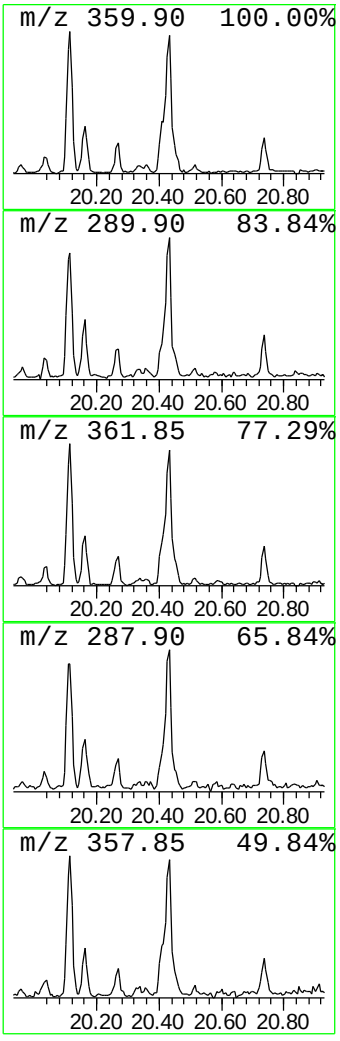
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.15 ng/ul	512604	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	95
3	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	95
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	95
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	94





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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

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

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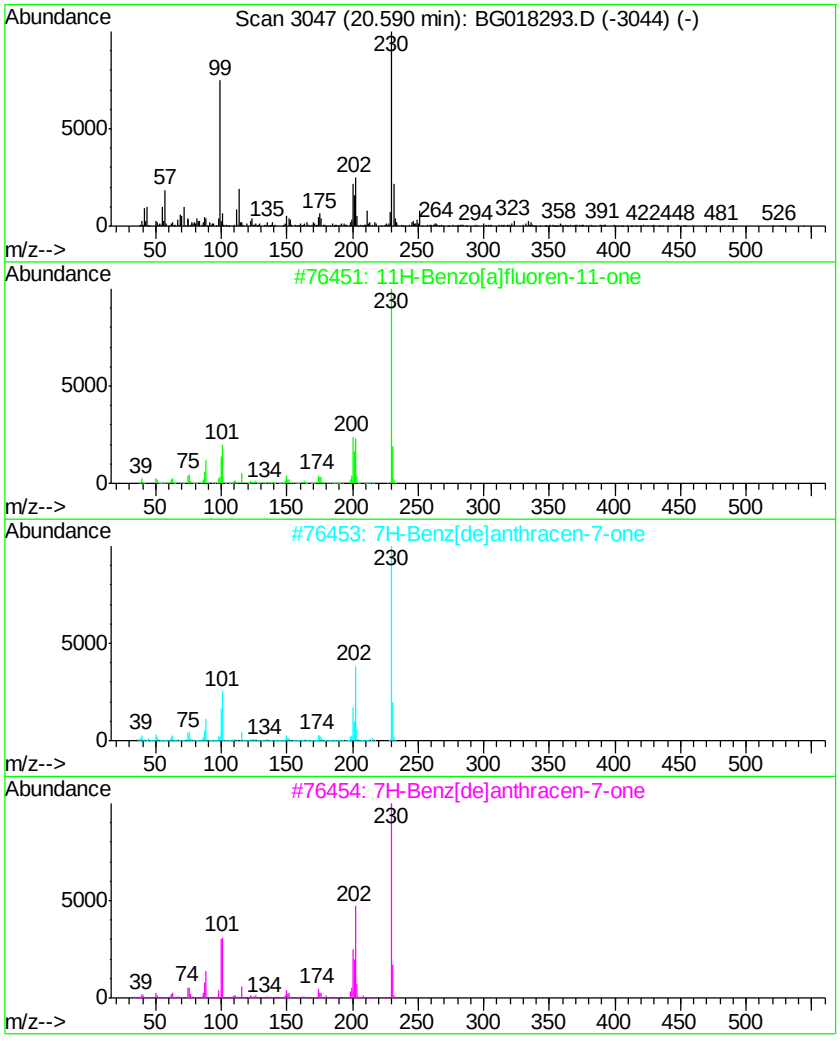
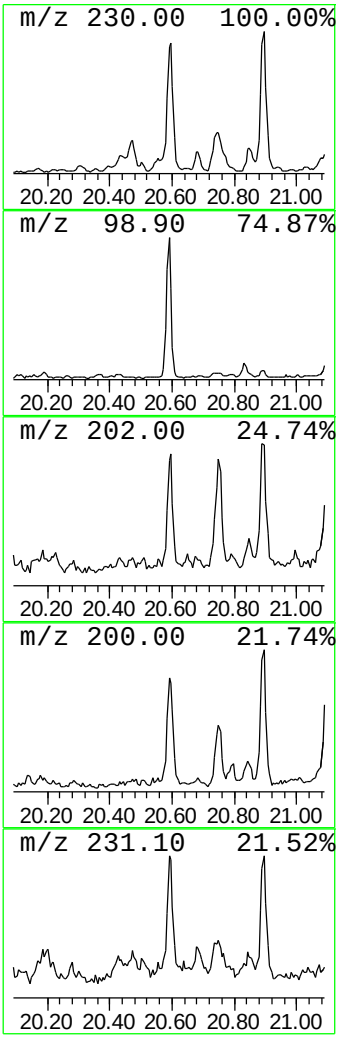
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.43 ng/ul	818151	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	38
5	Benzonitrile, 4,4'-(1,2-ethenedi...	230	C16H10N2	006292-62-2	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

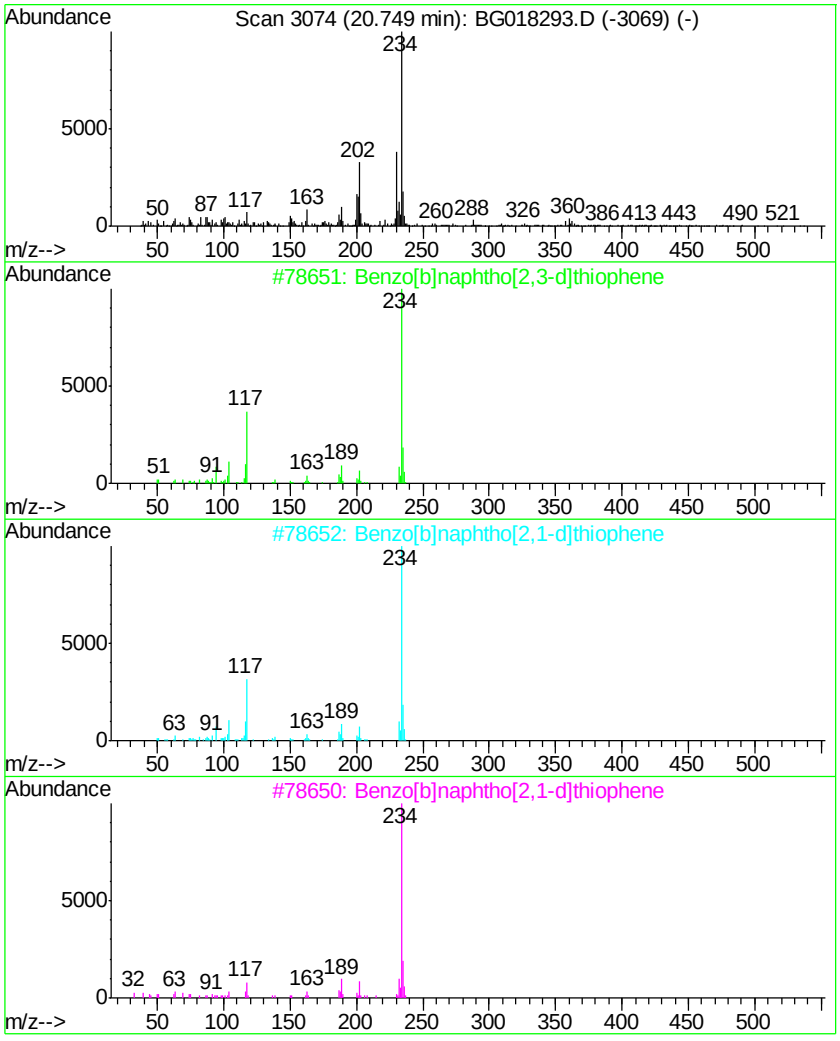
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

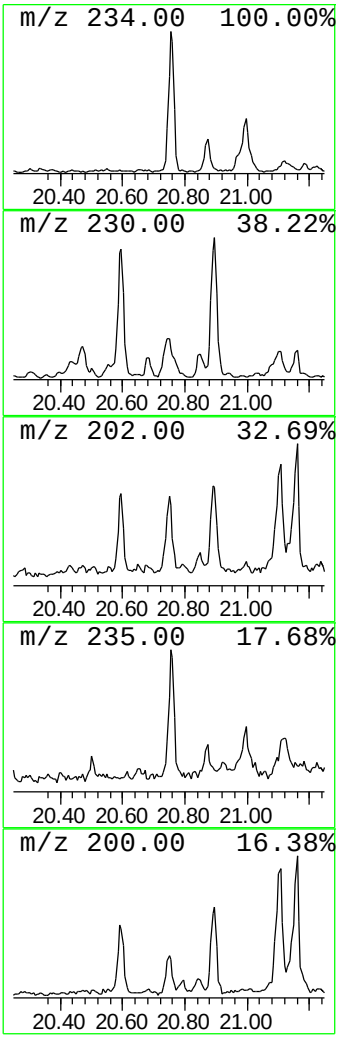
****

Peak Number 28 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	3.50 ng/ul	833549	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	74





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Quant Title : SVOA CALIBRATION

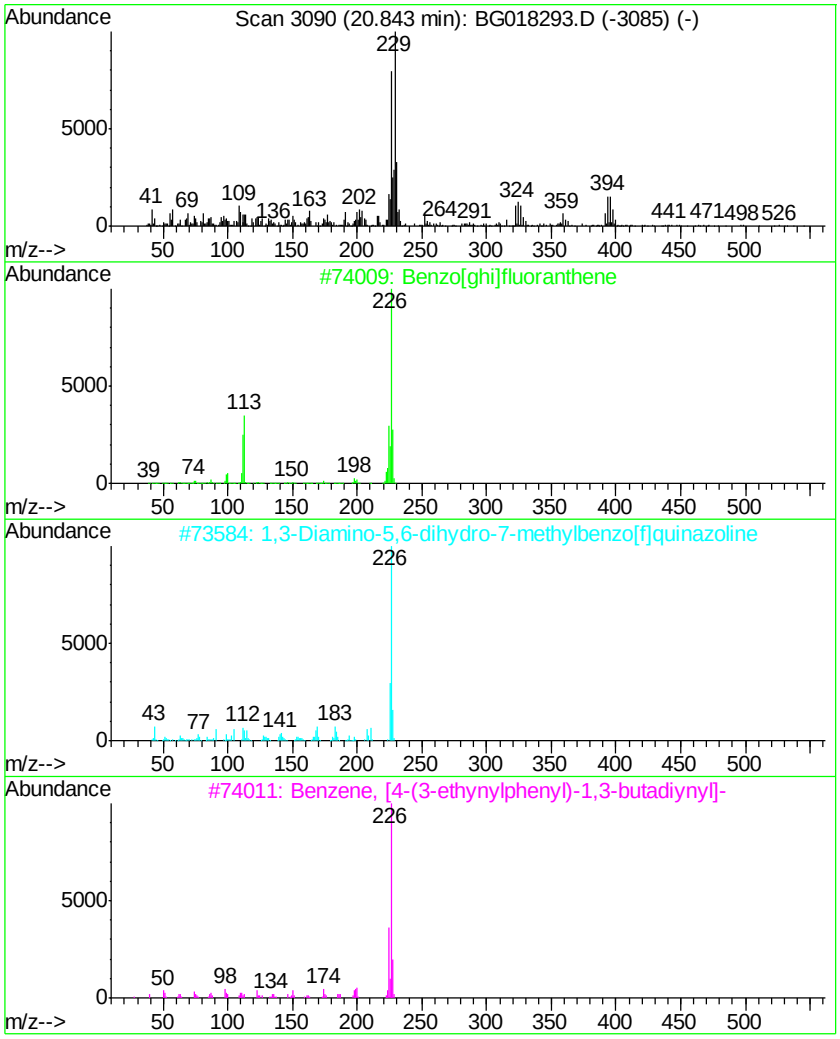
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

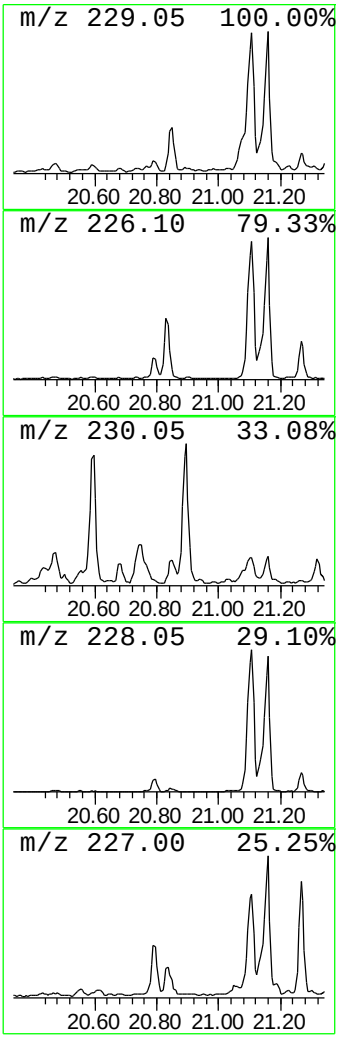
****

Peak Number 29 Benzo[ghi]fluoranthene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.10 ng/ul	978407	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	49
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
4	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	43
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43





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TIC Library : C:\DATABASE\NIST02.L
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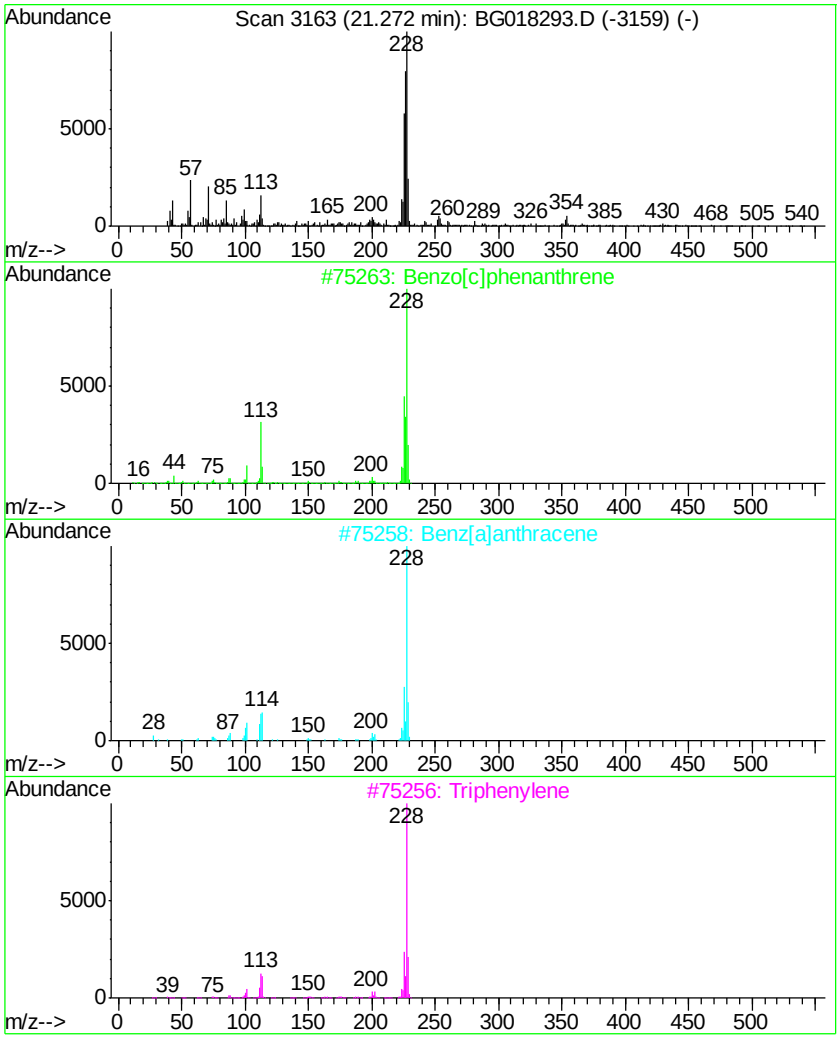
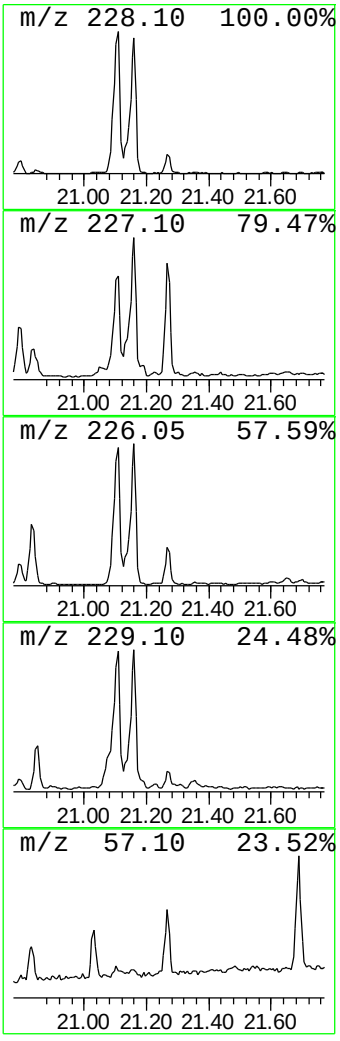
Peak Number 31 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.59 ng/ul	856861	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45
2	Benz[a]anthracene	228	C18H12	000056-55-3	38
3	Triphenylene	228	C18H12	000217-59-4	38
4	Triphenylene	228	C18H12	000217-59-4	38
5	Chrysene	228	C18H12	000218-01-9	38





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Instrument : BNA_G
ClientSampleId : C01P5RE

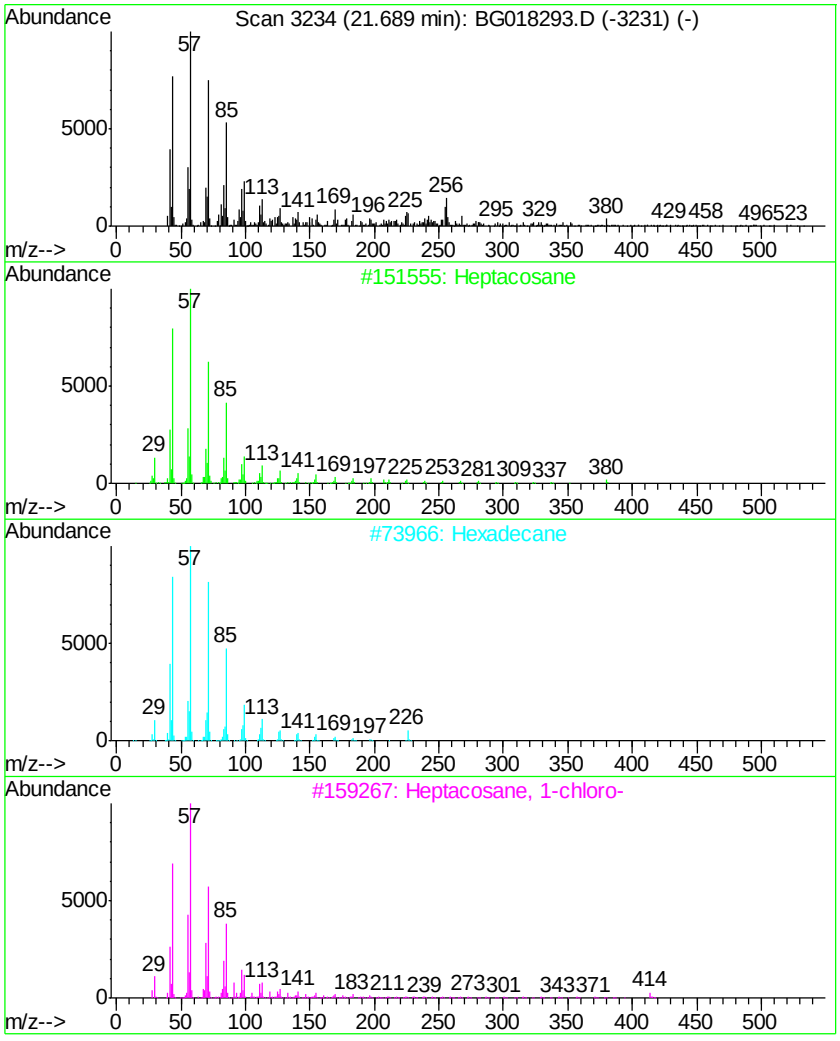
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

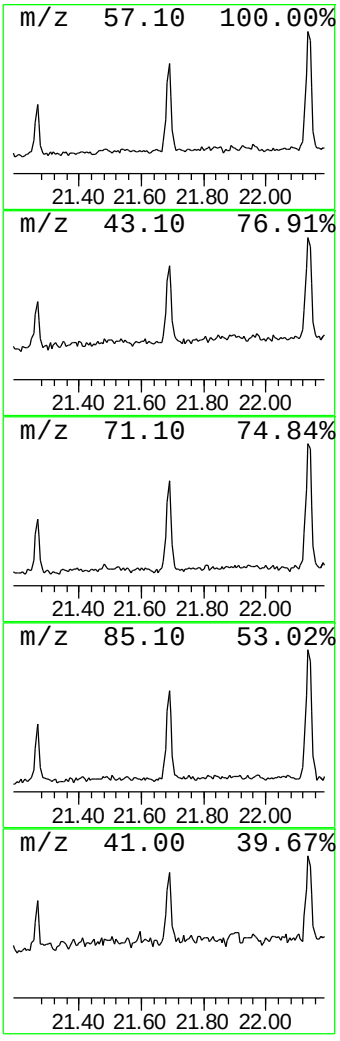
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.69 ng/ul	880307	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Hexadecane	226	C16H34	000544-76-3	97
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	96
4	Hexadecane	226	C16H34	000544-76-3	96
5	Hexadecane	226	C16H34	000544-76-3	96





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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
Operator : UM/TP
Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

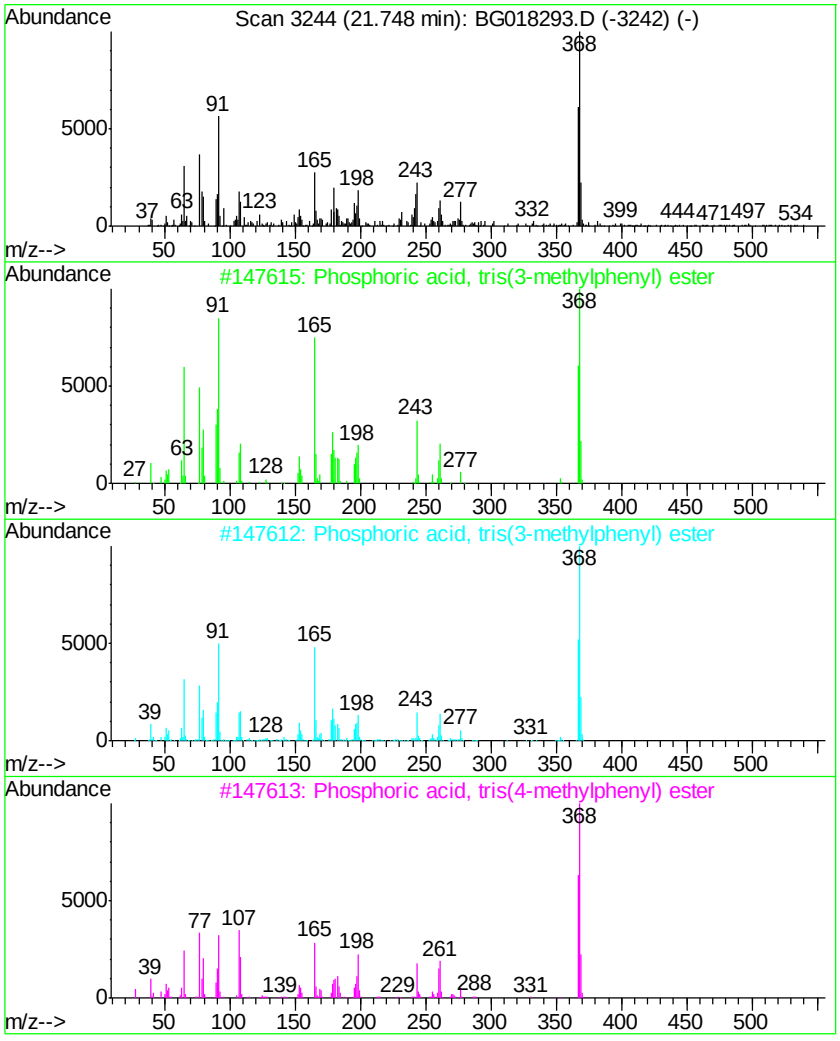
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

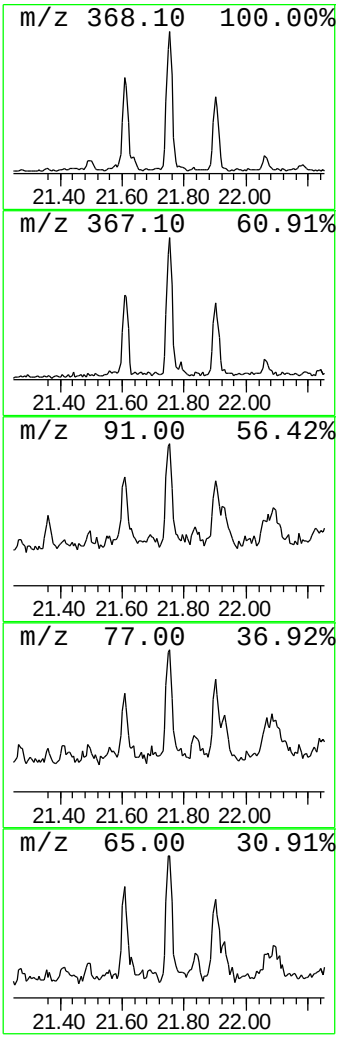
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Phosphoric acid, tris(3-met... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.72 ng/ul	648205	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	93
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	90
3	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	86
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	47
5	Pyrimidine-4,6-dione, hexahydro-...	368	C19H16N2O4S	310421-18-2	46





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Instrument : BNA_G
ClientSampleId : C01P5RE

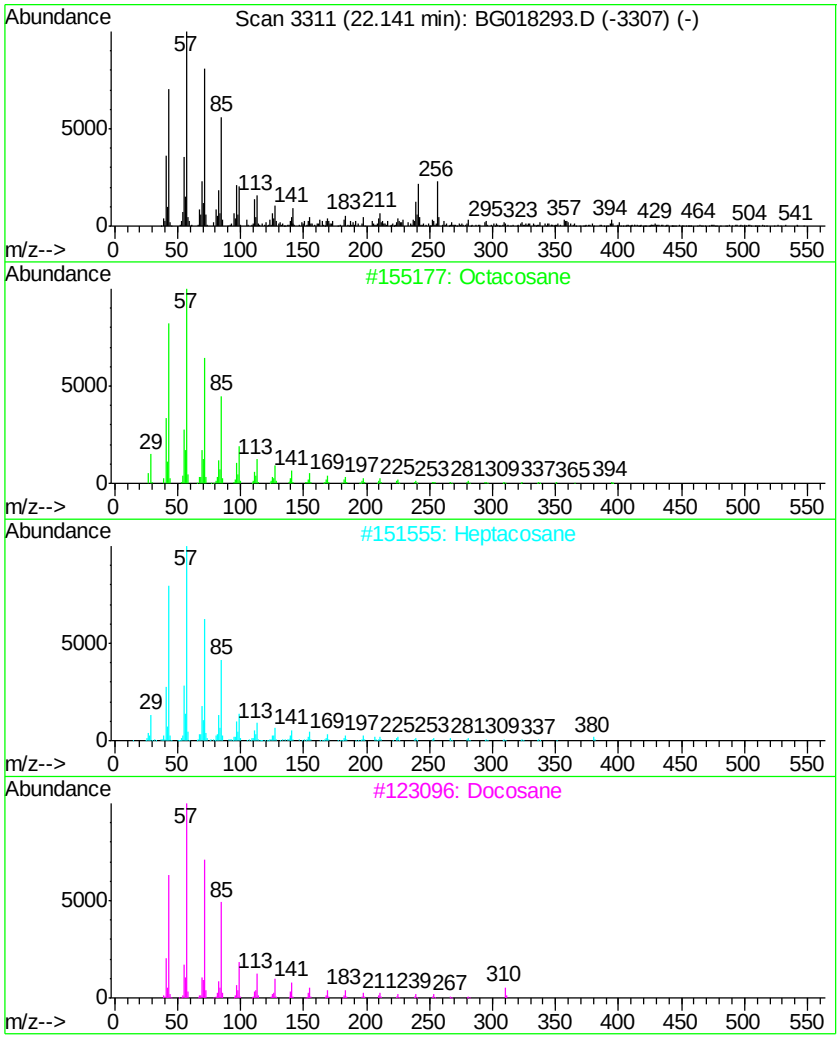
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION

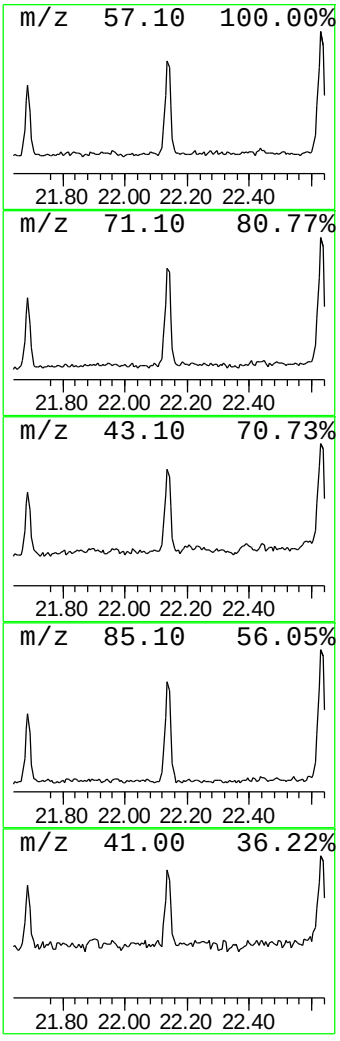
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	4.13 ng/ul	985761	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Heptacosane	380	C27H56	000593-49-7	98
3	Docosane	310	C22H46	000629-97-0	96
4	Heneicosane	296	C21H44	000629-94-7	96
5	Heptadecane	240	C17H36	000629-78-7	93





Tentatively Identified Compound (LSC) summary

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Data File : BG018293.D
Acq On : 6 Aug 2015 4:26
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Sample : G3109-04RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P5RE

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.25	2.1	ng/ul	49867	1	7.44	478118	20.0
2-Pyrrolidinone	3.43	3.6	ng/ul	85973	1	7.44	478118	20.0
Dibenzofuran, 4-m...	15.48	2.3	ng/ul	101064	3	14.13	894714	20.0
2,4,6-Cycloheptat...	15.63	3.0	ng/ul	134034	4	16.89	886261	20.0
(DEL) Alkane: Str...	15.87	3.4	ng/ul	151952	4	16.89	886261	20.0
9H-Fluoren-9-one	16.55	2.5	ng/ul	108845	4	16.89	886261	20.0
Azuleno(2,1-b)thi...	16.71	4.2	ng/ul	187174	4	16.89	886261	20.0
Dibenzo[a,e]cyclo...	17.41	2.1	ng/ul	92997	4	16.89	886261	20.0
1,1'-Biphenyl, 2'...	17.50	9.9	ng/ul	440371	4	16.89	886261	20.0
(1H)Pyrrole, 2-(5...	17.61	3.3	ng/ul	144175	4	16.89	886261	20.0
Anthracene, 2-met...	17.77	8.1	ng/ul	360145	4	16.89	886261	20.0
Phenanthrene, 2-m...	17.82	18.2	ng/ul	806544	4	16.89	886261	20.0
4H-Cyclopenta[def...	17.96	27.8	ng/ul	1232660	4	16.89	886261	20.0
1,1'-Biphenyl, 2,...	18.25	6.0	ng/ul	267619	4	16.89	886261	20.0
5,16[1',2']:8,13[...	18.28	6.5	ng/ul	285945	4	16.89	886261	20.0
9,10-Anthracenedione	18.33	4.8	ng/ul	214995	4	16.89	886261	20.0
1,1'-Biphenyl, 3,...	18.43	2.4	ng/ul	104627	4	16.89	886261	20.0
Phenanthrene, 3,6...	18.70	5.0	ng/ul	220953	4	16.89	886261	20.0
1,1'-Biphenyl, 2,...	18.83	29.9	ng/ul	1323310	4	16.89	886261	20.0
1,1'-Biphenyl, 2,...	18.92	2.9	ng/ul	128150	4	16.89	886261	20.0
1,1'-Biphenyl, 2,...	19.12	4.3	ng/ul	1028000	5	21.12	4769480	20.0
1,1'-Biphenyl, 2,...	19.57	4.3	ng/ul	1012990	5	21.12	4769480	20.0
1,1'-Biphenyl, 2,...	19.83	4.4	ng/ul	1055130	5	21.12	4769480	20.0
1,1'-Biphenyl, 2,...	19.89	2.1	ng/ul	511310	5	21.12	4769480	20.0
1,1'-Biphenyl, 2,...	20.11	2.3	ng/ul	545644	5	21.12	4769480	20.0
1,1'-Biphenyl, 2,...	20.43	2.1	ng/ul	512604	5	21.12	4769480	20.0
11H-Benzo[a]fluor...	20.59	3.4	ng/ul	818151	5	21.12	4769480	20.0
Benzo[b]naphtho[2...	20.75	3.5	ng/ul	833549	5	21.12	4769480	20.0
Benzo[ghi]fluoran...	20.84	4.1	ng/ul	978407	5	21.12	4769480	20.0
unknown-02	21.27	3.6	ng/ul	856861	5	21.12	4769480	20.0
(DEL) Alkane: Str...	21.69	3.7	ng/ul	880307	5	21.12	4769480	20.0
Phosphoric acid, ...	21.75	2.7	ng/ul	648205	5	21.12	4769480	20.0
(DEL) Alkane: Str...	22.14	4.1	ng/ul	985761	5	21.12	4769480	20.0