LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.740	683	689	699	rVB	199038	309589	5.94%	0.539%
2	6.898	710	716	722	rBB	134228	206314	3.96%	0.359%
3	7.087	742	748	756	rBB	197426	307443	5.90%	0.535%
4	7.551	821	827	835	rBB	229144	362695	6.96%	0.631%
5	8.275	944	950	963	rBB	254528	396842	7.62%	0.691%
6	8.716	1019	1025	1032	rBV	186537	295806	5.68%	0.515%
7	9.434	1141	1147	1154	rBB	165026	264955	5.09%	0.461%
8	9.975	1233	1239	1250	rBB	264019	430717	8.27%	0.750%
9	10.339	1294	1301	1307	rBV	336317	548230	10.52%	0.955%
10	10.492	1320	1327	1341	rBV	182630	303542	5.83%	0.528%
11	13.639	1856	1862	1866	rVV	464296	620255	11.91%	1.080%
12	13.686	1866	1870	1875	rVB	144020	191587	3.68%	0.334%
13	13.916	1903	1909	1912	rBV	520931	799686	15.35%	1.392%
14	13.945	1912	1914	1929	rVB	280891	333929	6.41%	0.581%
15	14.227	1953	1962	1968	rBV2	506386	766669	14.72%	1.335%
16	14.457	1996	2001	2011	rVB	132925	207163	3.98%	0.361%
17	14.627	2021	2030	2033	rBV3	20637	35510	0.68%	0.062%
18	15.080	2100	2107	2109	rBV3	20583	29245	0.56%	0.051%
19	15.221	2125	2131	2137	rBV	641308	901262	17.30%	1.569%
20	15.280	2137	2141	2151	rVB	69608	111590	2.14%	0.194%
21	15.368	2151	2156	2160	rBV	78278	105805	2.03%	0.184%
22	15.568	2185	2190	2196	rVV	28104	45288	0.87%	0.079%
23	15.721	2212	2216	2223	rVV2	24284	45458	0.87%	0.079%
24	15.957	2249	2256	2267	rBV4	56906	121971	2.34%	0.212%
25	16.286	2304	2312	2317	rBV2	42940	83925	1.61%	0.146%
26	16.433	2332	2337	2343	rVB2	21383	33306	0.64%	0.058%
27	16.510	2343	2350	2354	rBV2	35423	57771	1.11%	0.101%
28	16.551	2354	2357	2366	rVB	38132	65453	1.26%	0.114%
29	16.633	2367	2371	2378	rVB3	44902	68672	1.32%	0.120%
30	16.710	2378	2384	2385	rBV	28667	39403	0.76%	0.069%
31	16.733	2385	2388	2392	rVV2	43924	63774	1.22%	0.111%
32	16.792	2394	2398	2404	rVB2	42026	63382	1.22%	0.110%
33	16.980	2424	2430	2433	rBV	691169	976273	18.74%	1.700%
34	17.021	2433	2437	2442	rVV	912666	1221771	23.45%	2.127%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

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

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

35	17.074	2442	2446	2450	rVV2	713765	1054193	20.24%	1.835%
36	17.110	2450	2452	2457	rVV	332177	380227	7.30%	0.662%
37	17.168	2457	2462	2467	rVV3	42818	75742	1.45%	0.132%
38	17.386	2495	2499	2502	rBV	22423	33957	0.65%	0.059%
39	17.498	2515	2518	2525	rVB2	35937	48926	0.94%	0.085%
40	17.562	2525	2529	2537	rVB7	44282	86122	1.65%	0.150%
41	17.698	2548	2552	2558	rVB2	18245	31476	0.60%	0.055%
42	17.851	2569	2578	2581	rBV	183014	278132	5.34%	0.484%
43	17.898	2582	2586	2591	rVB	242860	356692	6.85%	0.621%
44	17.980	2596	2600	2605	rVV	106384	142431	2.73%	0.248%
45	18.045	2605	2611	2616	rVV3	425824	736519	14.14%	1.282%
46	18.080	2616	2617	2627	rVB	125200	146742	2.82%	0.255%
47	18.162	2627	2631	2634	rBV4	39785	55339	1.06%	0.096%
48	18.357	2660	2664	2668	rVB	138195	179576	3.45%	0.313%
49	18.404	2668	2672	2677	rVB3	80970	108253	2.08%	0.188%
50	18.604	2703	2706	2711	rVB3	32352	36444	0.70%	0.063%
51	18.657	2711	2715	2718	rVB	60195	65099	1.25%	0.113%
52	18.698	2718	2722	2726	rVB	48282	61033	1.17%	0.106%
53	18.780	2731	2736	2739	rBV	117277	212703	4.08%	0.370%
54	18.874	2750	2752	2755	rVB2	41149	37902	0.73%	0.066%
55	18.927	2755	2761	2769	rVB2	179714	316529	6.08%	0.551%
56	19.051	2775	2782	2787	rBV	3905591	5209332	100.00%	9.070%
57	19.104	2787	2791	2795	rVV2	76362	118629	2.28%	0.207%
58	19.145	2795	2798	2802	rVB	53793	62480	1.20%	0.109%
59	19.198	2802	2807	2812	rVB	377788	488869	9.38%	0.851%
60	19.251	2812	2816	2818	rBV3	43505	69986	1.34%	0.122%
61	19.292	2820	2823	2826	rBV	53270	61181	1.17%	0.107%
62	19.386	2833	2839	2841	rBV2	1134400	1747354	33.54%	3.042%
63	19.421	2841	2845	2852	rVV	2965591	3981056	76.42%	6.931%
64	19.486	2852	2856	2861	rVV2	124286	176326	3.38%	0.307%
65	19.592	2869	2874	2878	rBV	183845	265207	5.09%	0.462%
66	19.656	2880	2885	2890	rVB	141779	256826	4.93%	0.447%
67	19.739	2893	2899	2907	rBV3	202857	528490	10.15%	0.920%
68	19.874	2917	2922	2924	rBV3	184553	306407	5.88%	0.533%
69	19.909	2924	2928	2933	rVB	709564	1067882	20.50%	1.859%
70	20.015	2941	2946	2949	rBV	595477	796271	15.29%	1.386%
71	20.068	2949	2955	2959	rVB2	287042	505750	9.71%	0.881%

LSC Area Percent Report

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Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

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

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

72	20.174	2966	2973	2976	rBV4	207171	365690	7.02%	0.637%
73	20.209	2976	2979	2982	rVV	177191	229454	4.40%	0.399%
74	20.256	2984	2987	2991	rVB2	174928	232604	4.47%	0.405%
75	20.503	3026	3029	3032	rBV2	84839	91932	1.76%	0.160%
76	20.621	3045	3049	3052	rBV	115881	184914	3.55%	0.322%
77	20.662	3053	3056	3063	rVB	207178	319303	6.13%	0.556%
78	20.827	3080	3084	3087	rBV	333985	438281	8.41%	0.763%
79	20.862	3087	3090	3093	rVV	261451	340719	6.54%	0.593%
80	20.903	3093	3097	3102	rVV2	326993	629312	12.08%	1.096%
81	20.962	3104	3107	3117	rVB	250395	370056	7.10%	0.644%
82	21.174	3138	3143	3148	rBV2	2554507	4733787	90.87%	8.242%
83	21.221	3148	3151	3160	rVB	2004609	2799421	53.74%	4.874%
84	21.339	3168	3171	3175	rBV	128977	189323	3.63%	0.330%
85	21.392	3176	3180	3184	rVV	297003	380389	7.30%	0.662%
86	21.492	3193	3197	3202	rBV2	200634	355736	6.83%	0.619%
87	21.721	3231	3236	3240	rBV	335729	582064	11.17%	1.013%
88	21.774	3243	3245	3251	rVB	227748	283086	5.43%	0.493%
89	21.874	3259	3262	3266	rBV2	173336	197092	3.78%	0.343%
90	21.915	3266	3269	3272	rBV	191580	248965	4.78%	0.433%
91	22.727	3402	3407	3412	rBV	1417483	2992451	57.44%	5.210%
92	22.892	3430	3435	3439	rVB	329163	526758	10.11%	0.917%
93	23.192	3480	3486	3490	rBV	926838	1699645	32.63%	2.959%
94	23.239	3491	3494	3497	rVV	516251	845822	16.24%	1.473%
95	23.286	3497	3502	3510	rVV	1451773	2571482	49.36%	4.477%
96	23.380	3513	3518	3522	rVV	592914	1100412	21.12%	1.916%
97	23.427	3522	3526	3533	rVB2	428686	805867	15.47%	1.403%
98	23.850	3594	3598	3604	rVB2	215632	384825	7.39%	0.670%
99	25.580	3883	3892	3901	rVB	646987	1771689	34.01%	3.085%
100	26.262	3999	4008	4024	rVB2	395710	1263444	24.25%	2.200%

Sum of corrected areas: 57435887

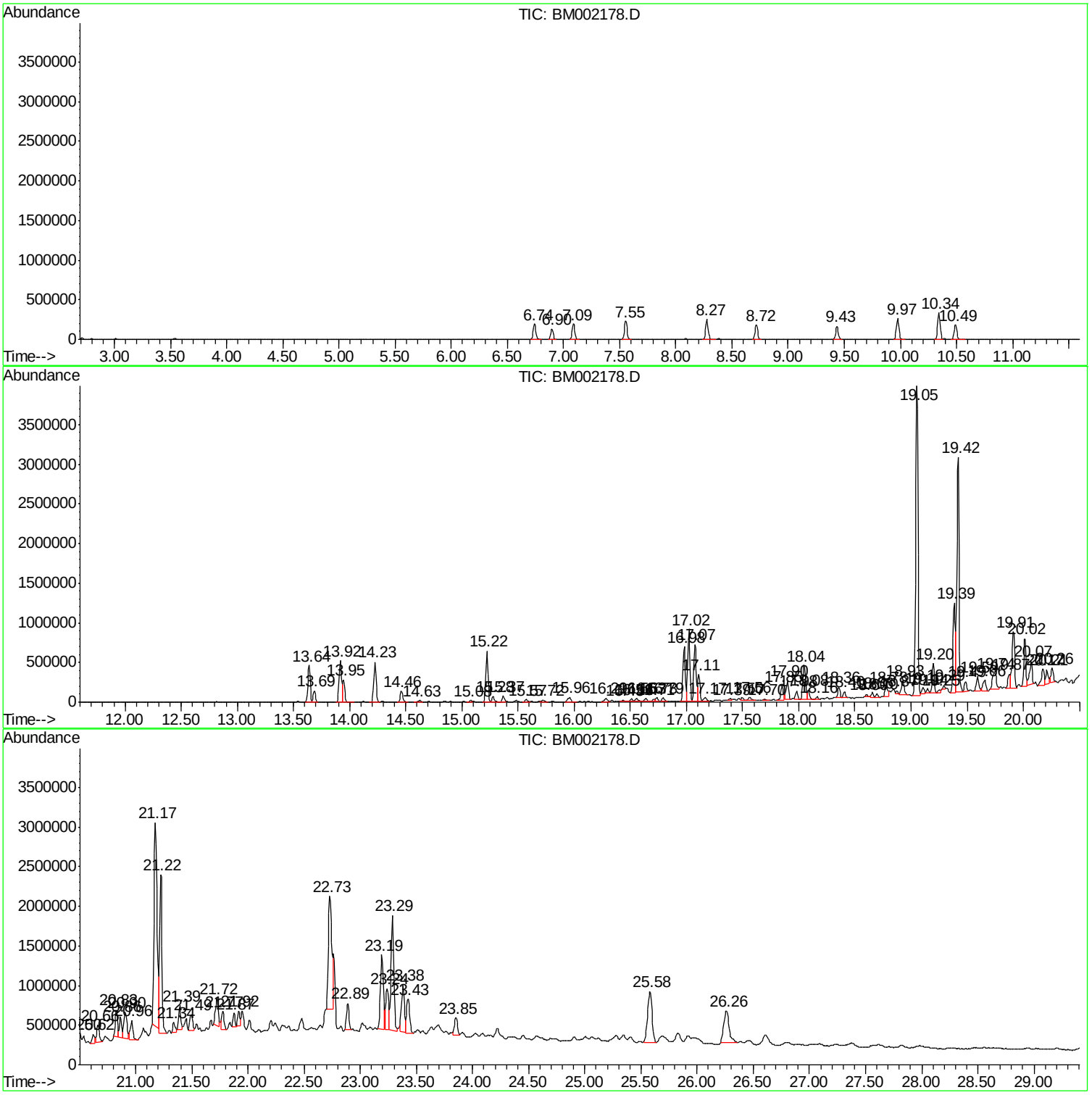
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

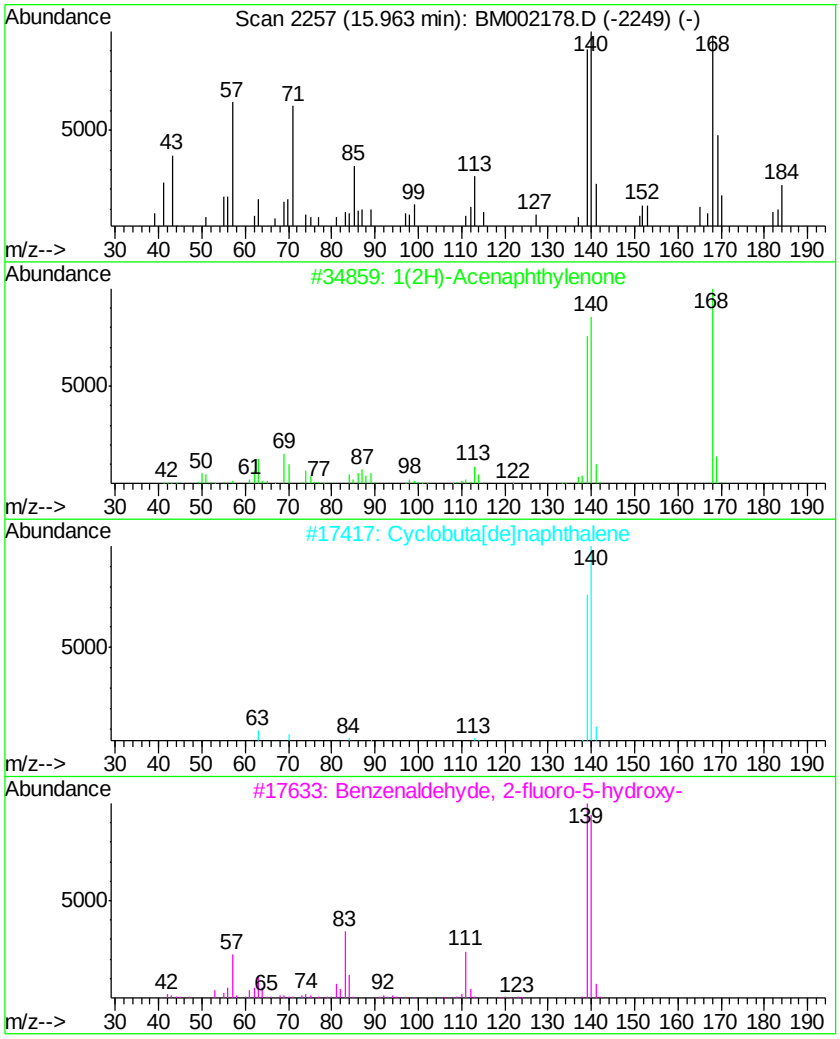
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

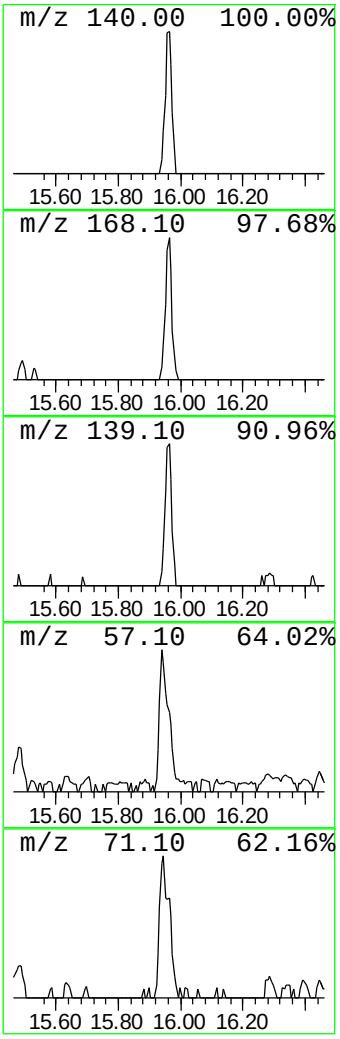
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.50 ng/ul	121971	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	58
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
3	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	27
4	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	25
5	2-Dibenzofuransulfonic acid	248	C12H8O4S	083863-63-2	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

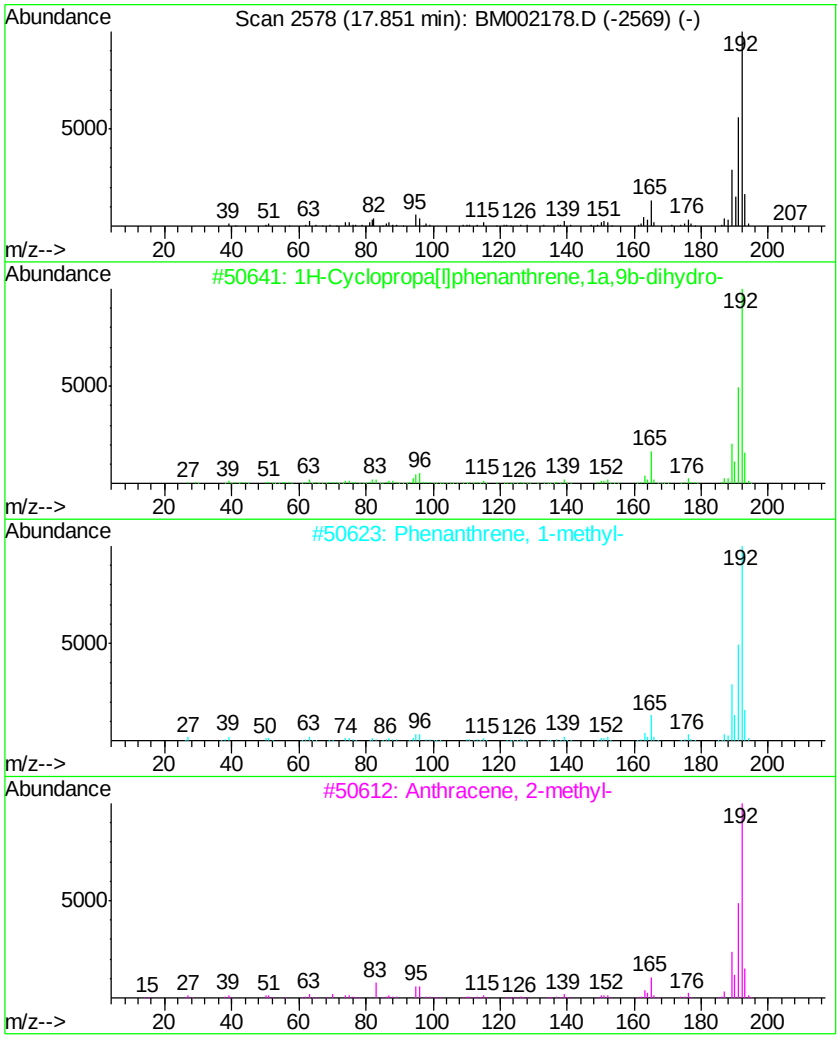
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

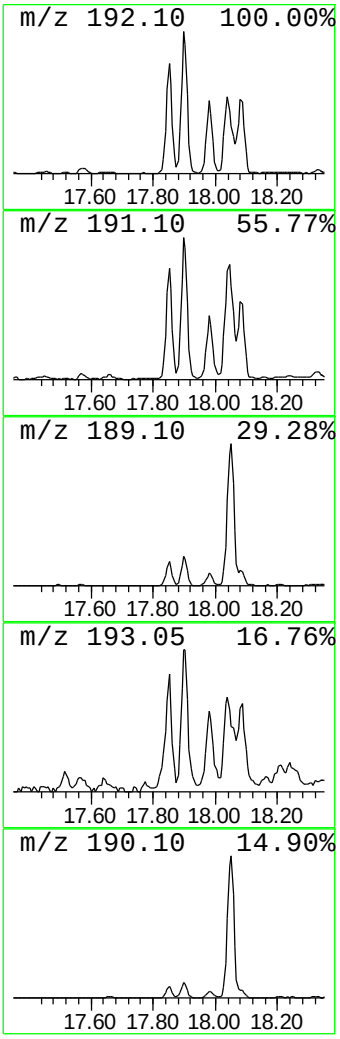
****

Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	5.70 ng/ul	278132	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

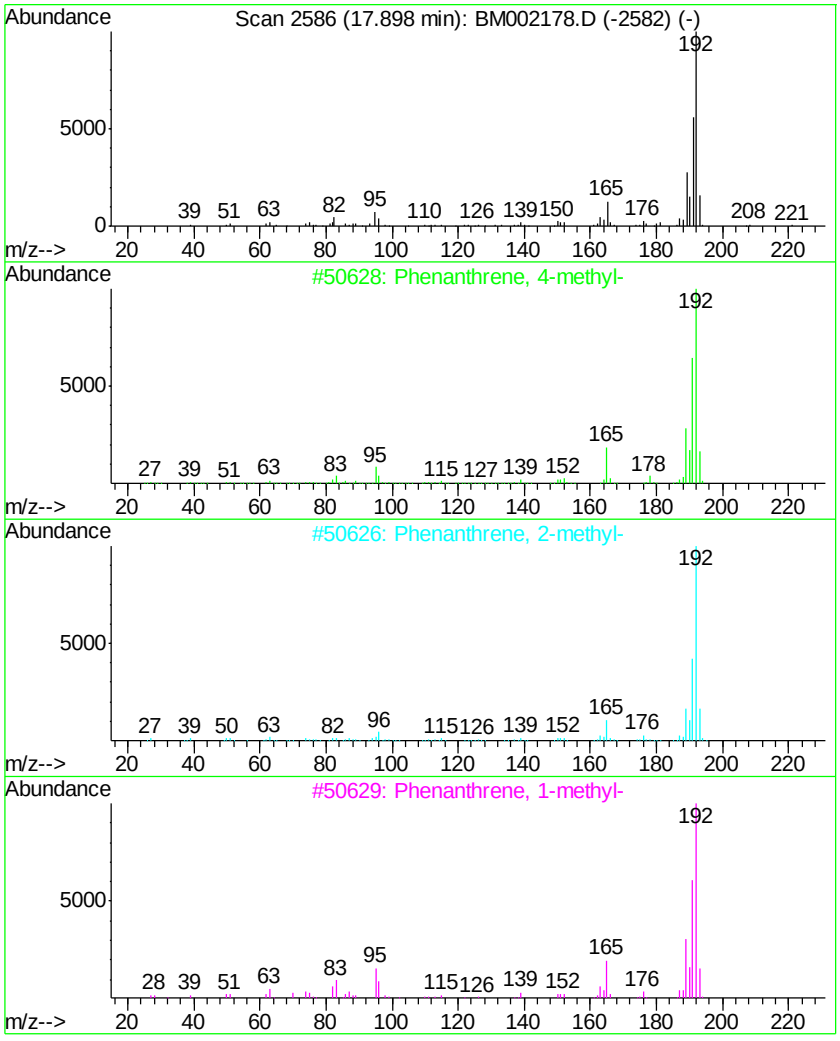
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

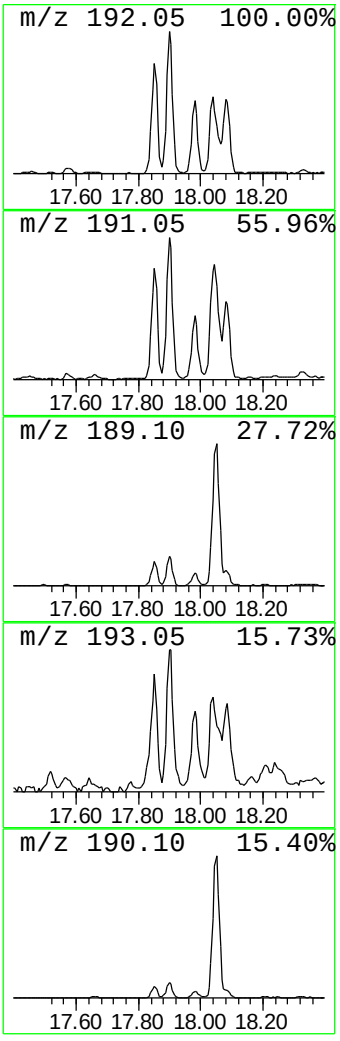
****

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.31 ng/ul	356692	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

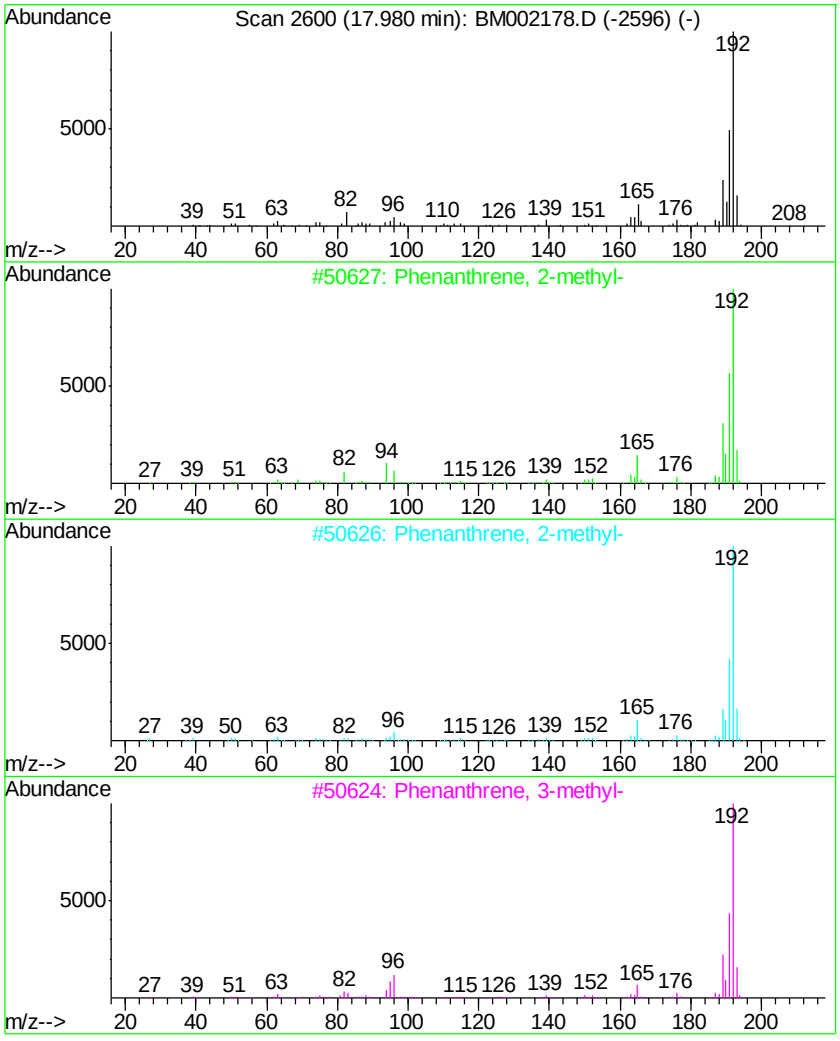
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

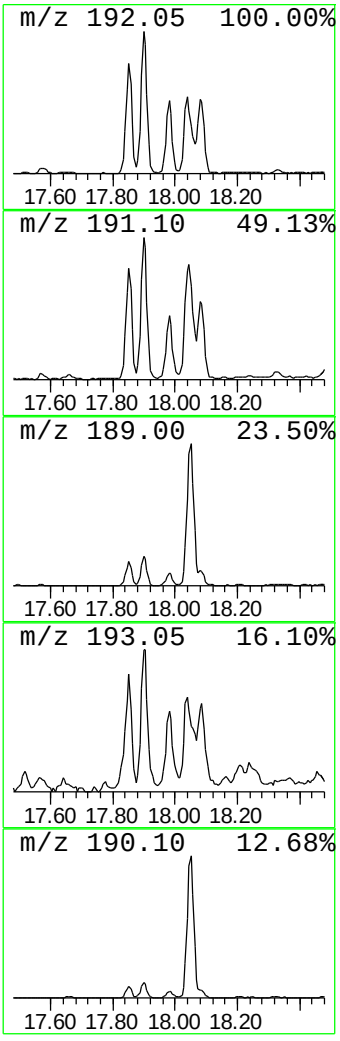
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.92 ng/ul	142431	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

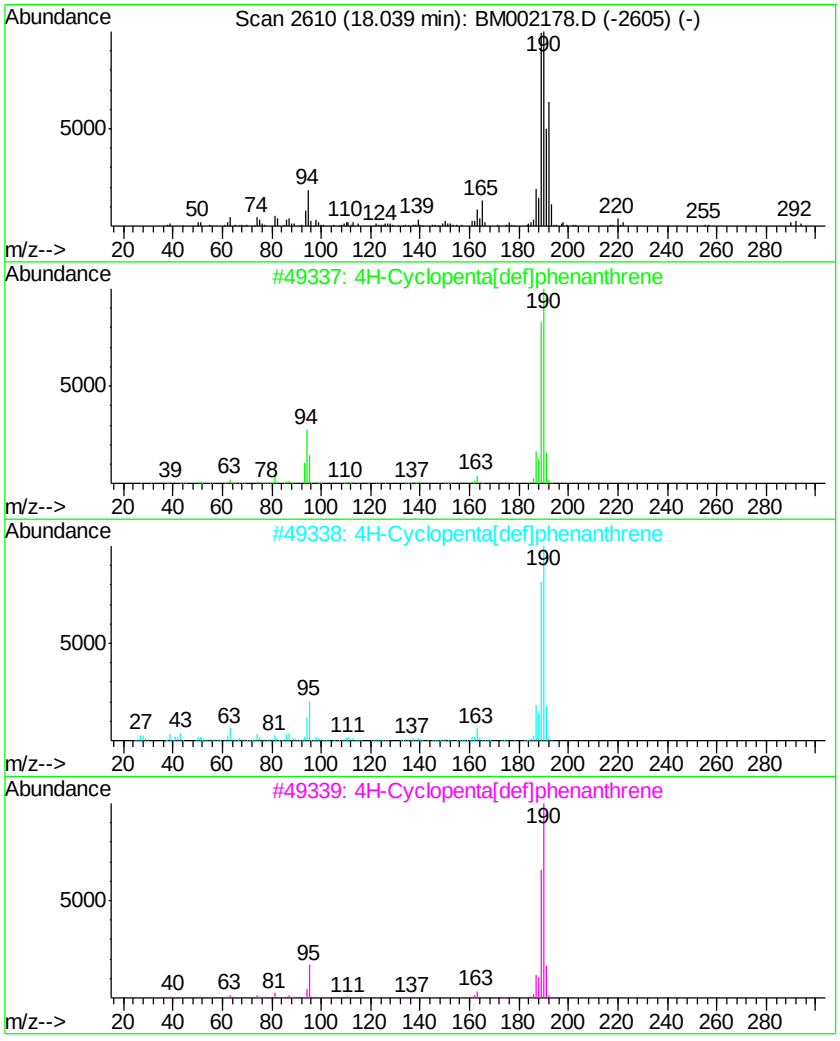
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

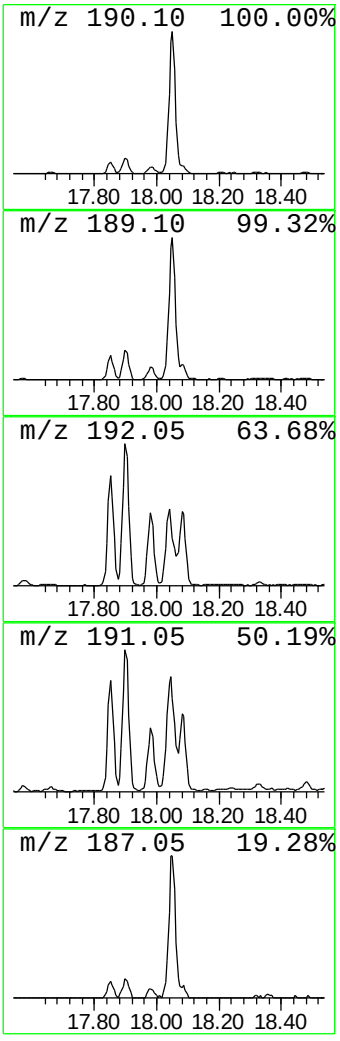
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	15.09 ng/ul	736519	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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

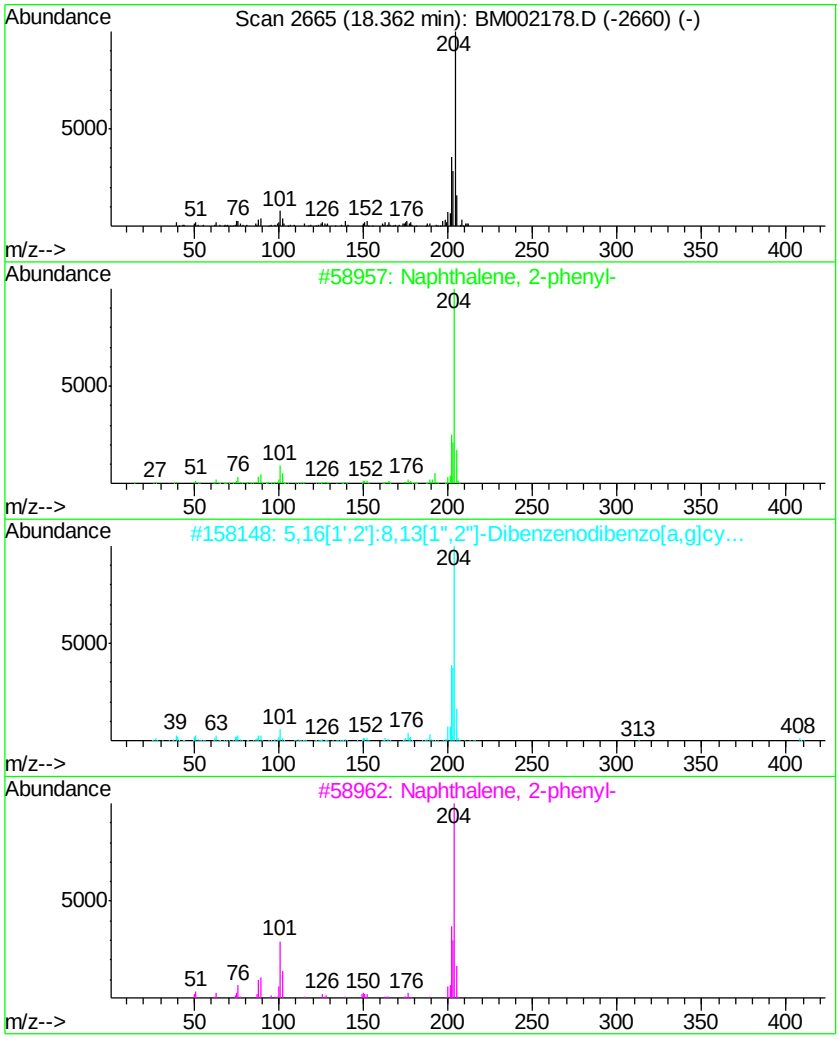
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

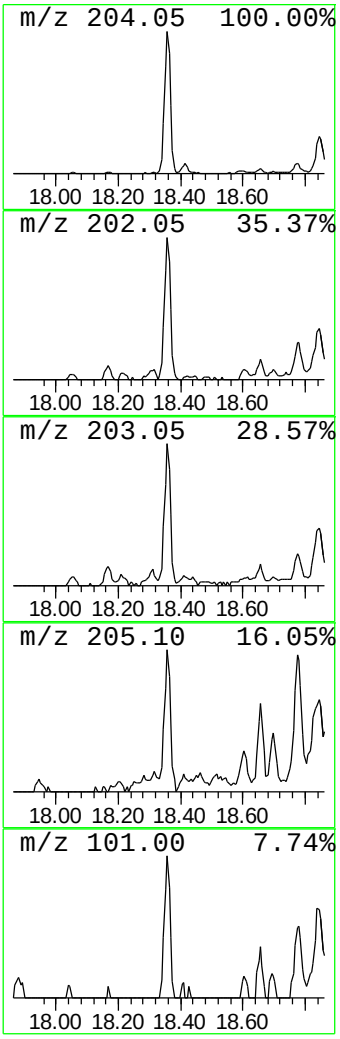
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.68 ng/ul	179576	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





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Instrument : BNA_M
ClientSampleId : C02L6

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Quant Title : SVOA CALIBRATION

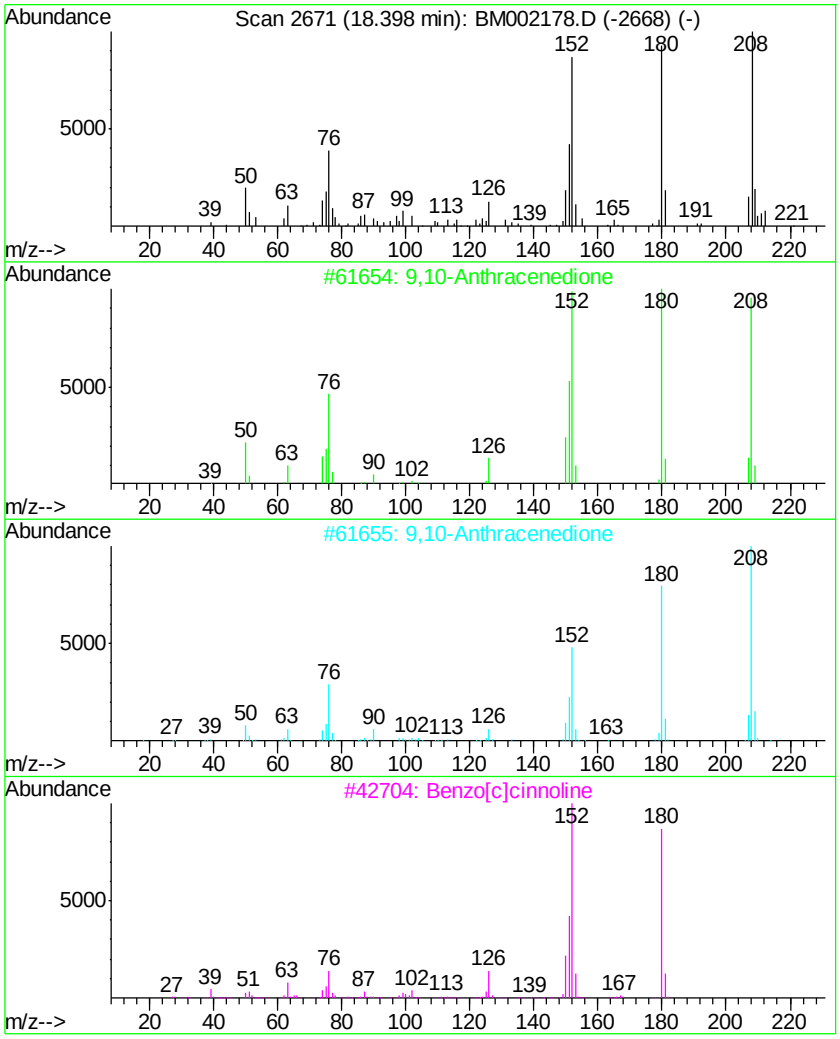
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

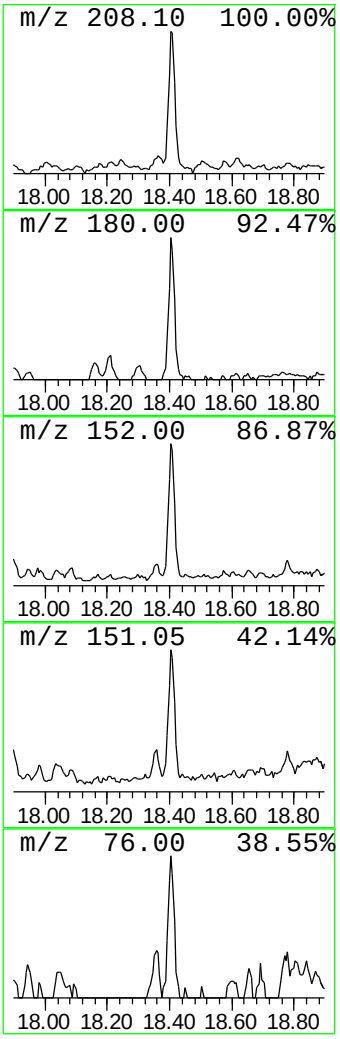
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.22 ng/ul	108253	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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Quant Title : SVOA CALIBRATION

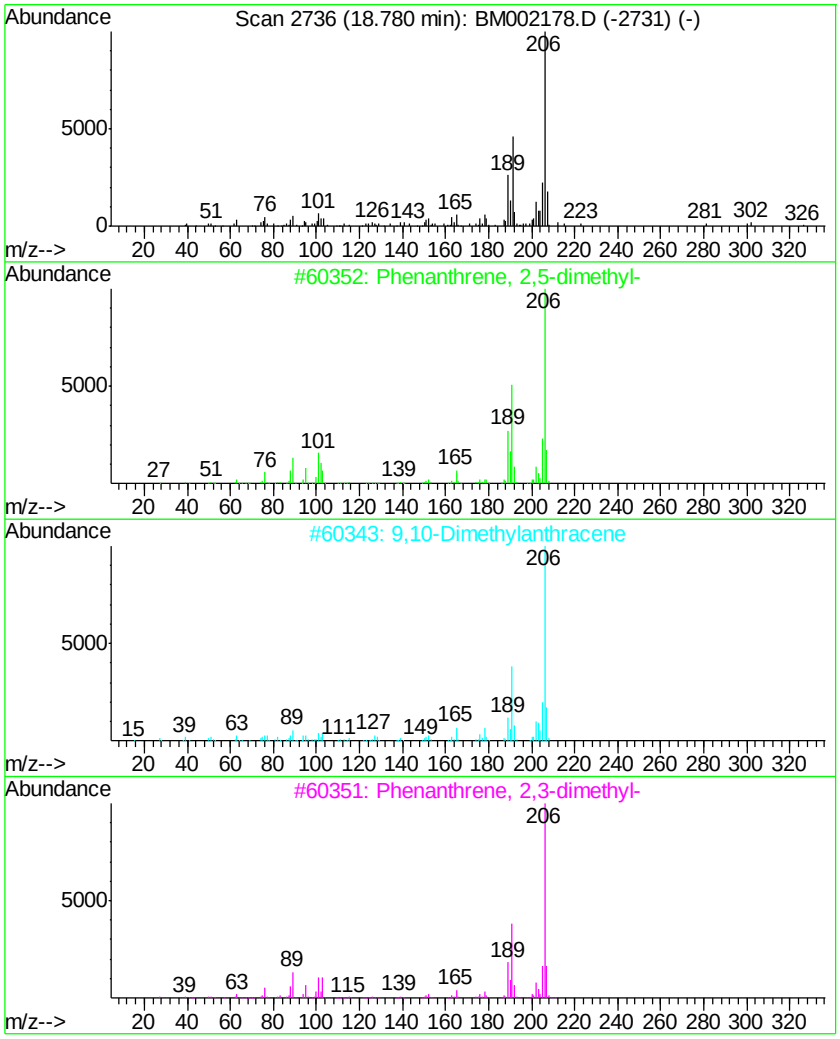
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

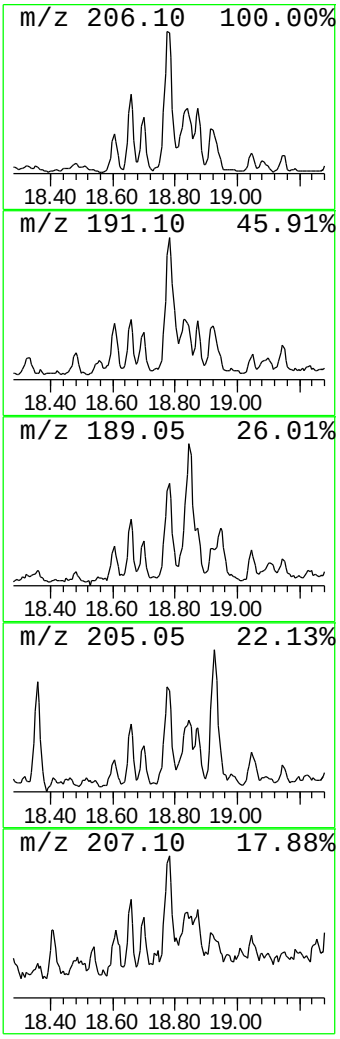
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	4.36 ng/ul	212703	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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Quant Title : SVOA CALIBRATION

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

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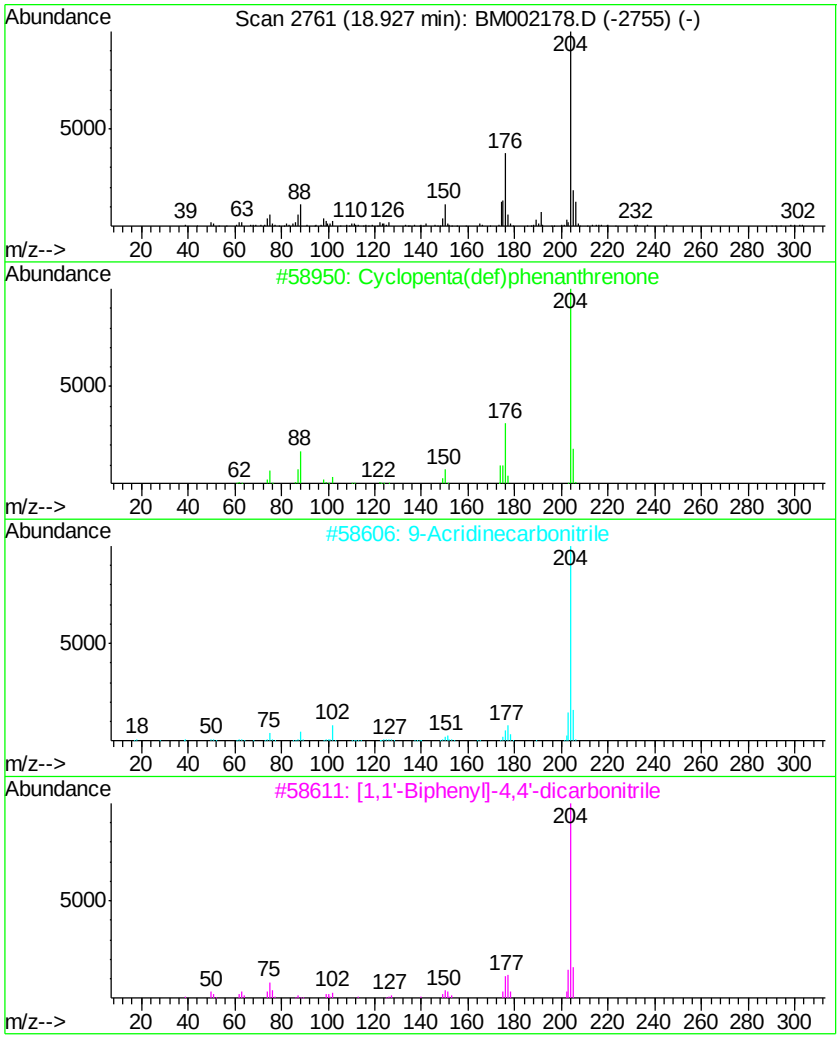
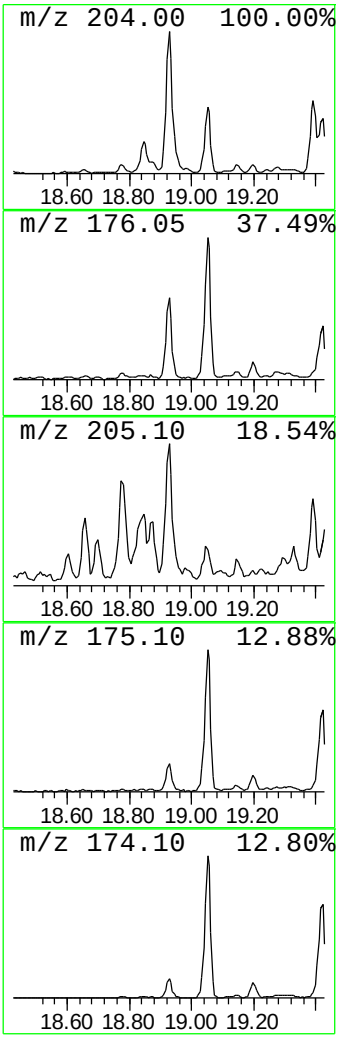
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	6.48 ng/ul	316529	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49





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Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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Quant Title : SVOA CALIBRATION

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

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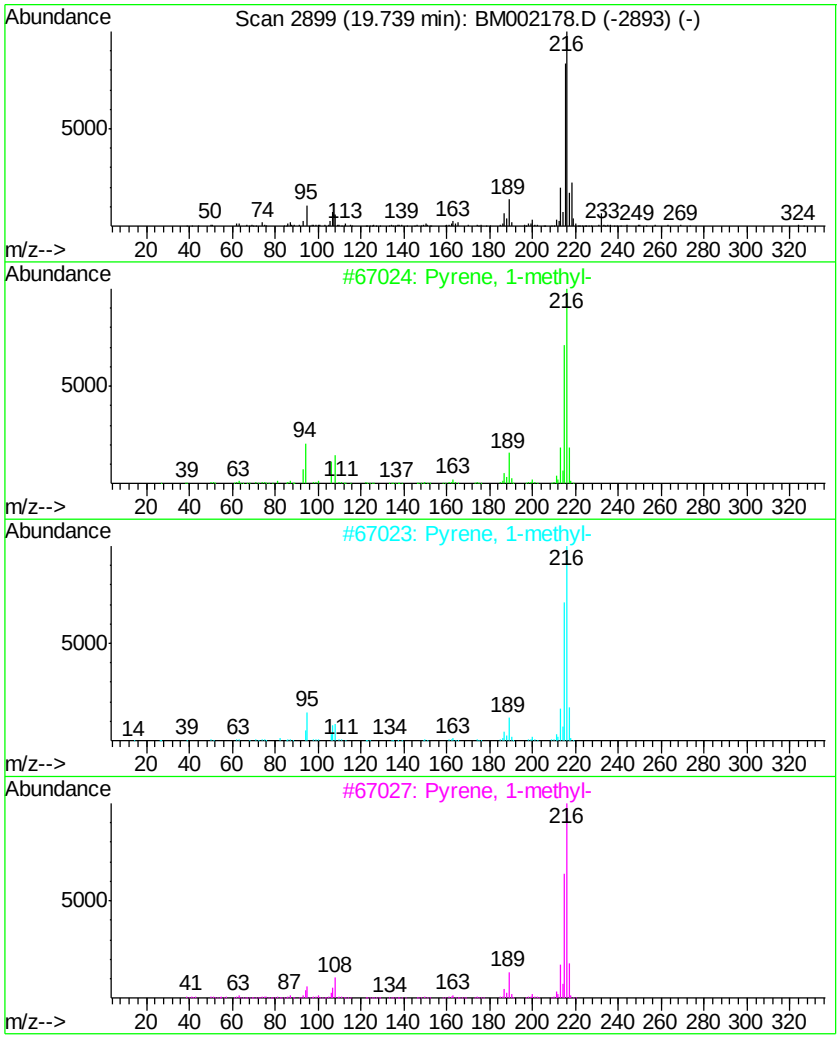
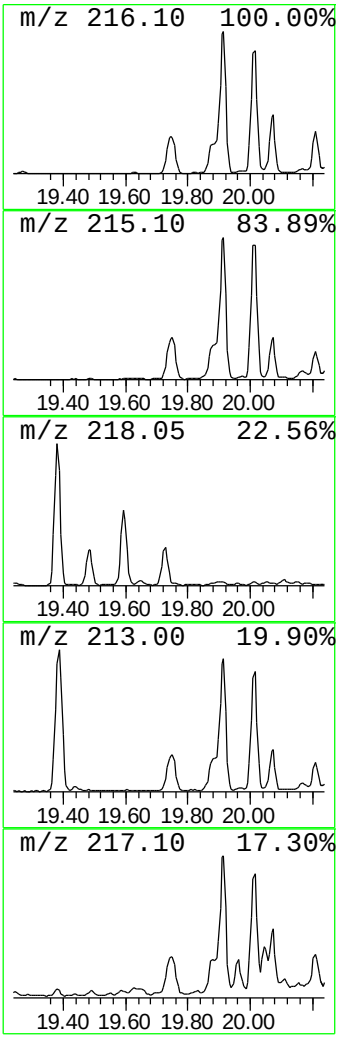
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.23 ng/ul	528490	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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Sample : G3073-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

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Quant Title : SVOA CALIBRATION

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

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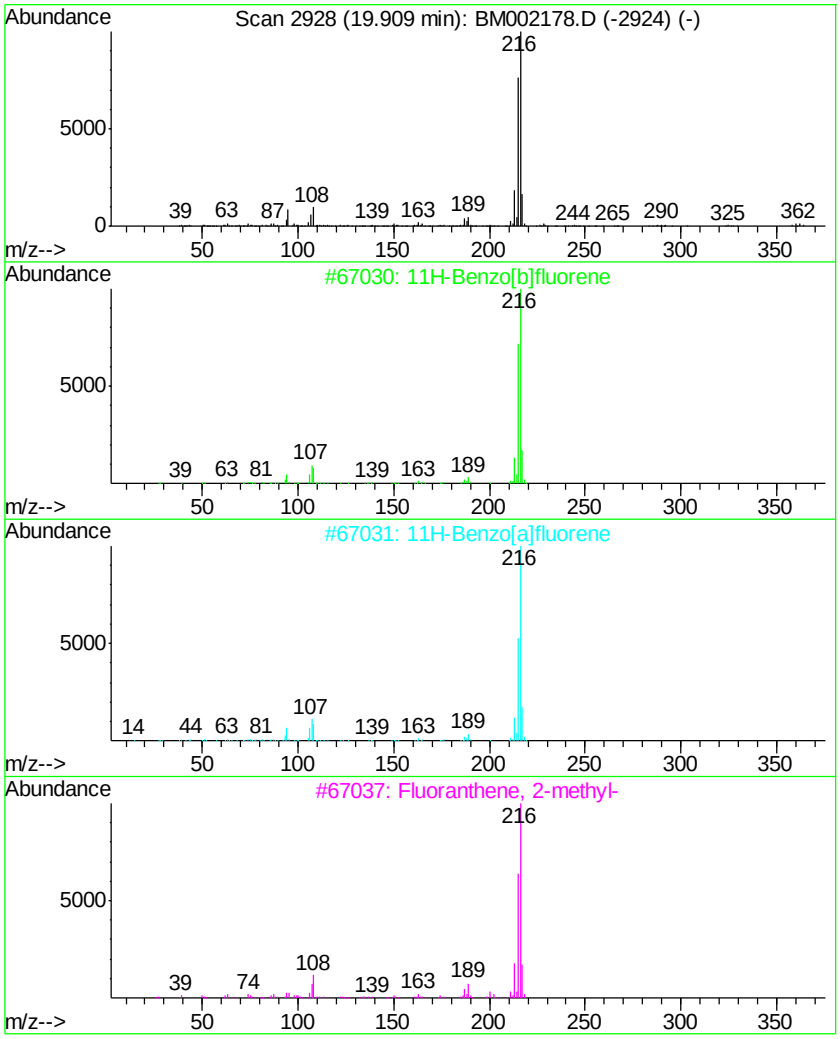
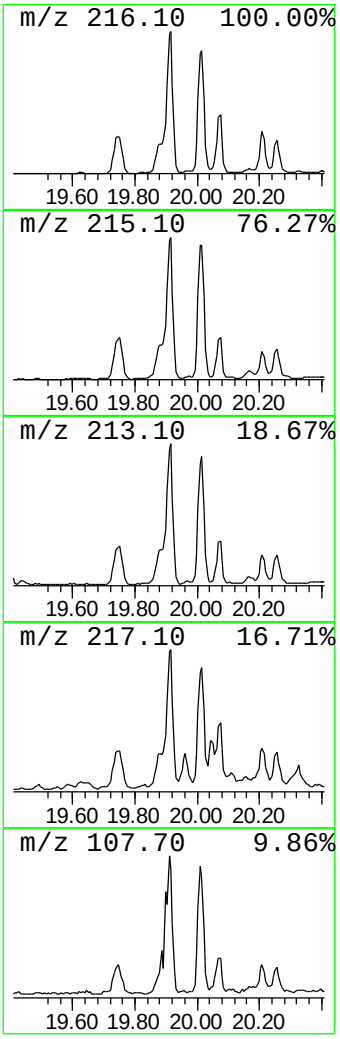
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	4.51 ng/ul	1067880	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





Library Search Compound Report

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Data File : BM002178.D
Acq On : 02 Aug 2015 20:40
Operator : TP
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Misc :
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Instrument : BNA_M
ClientSampleId : C02L6

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

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

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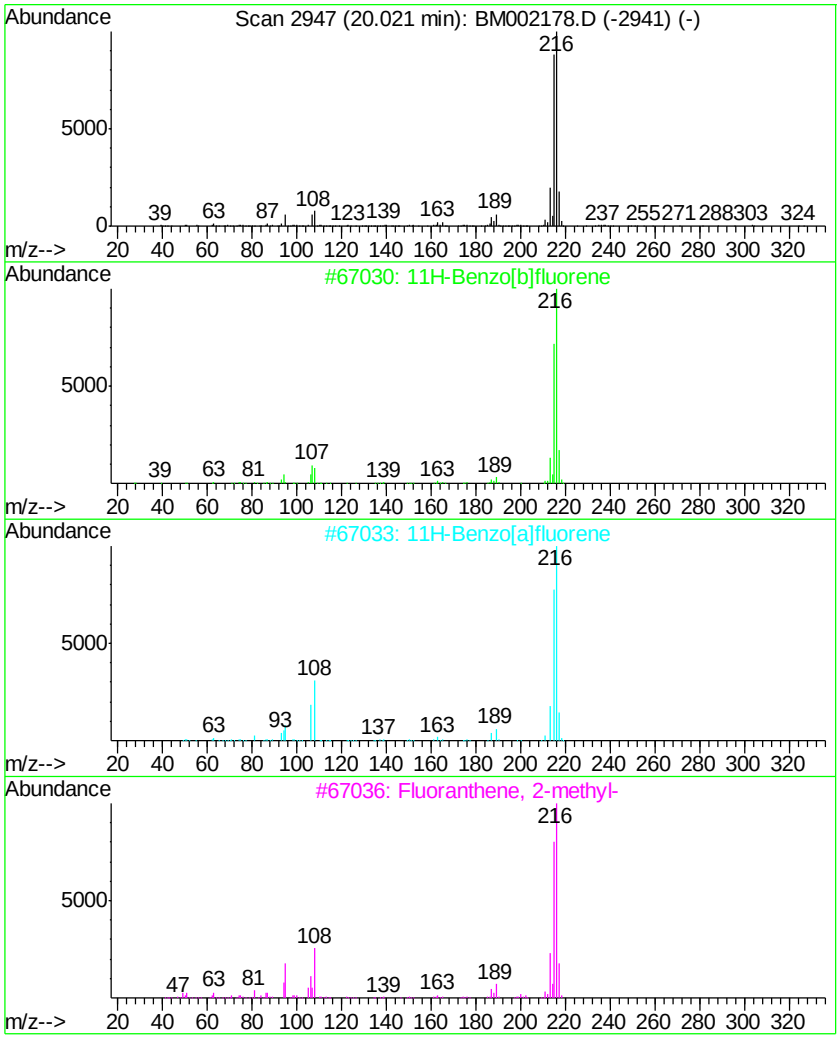
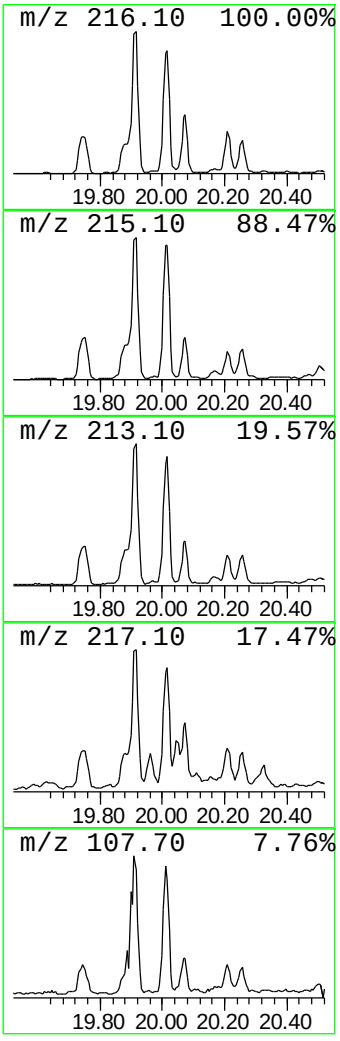
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	3.36 ng/ul	796271	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C02L6

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

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

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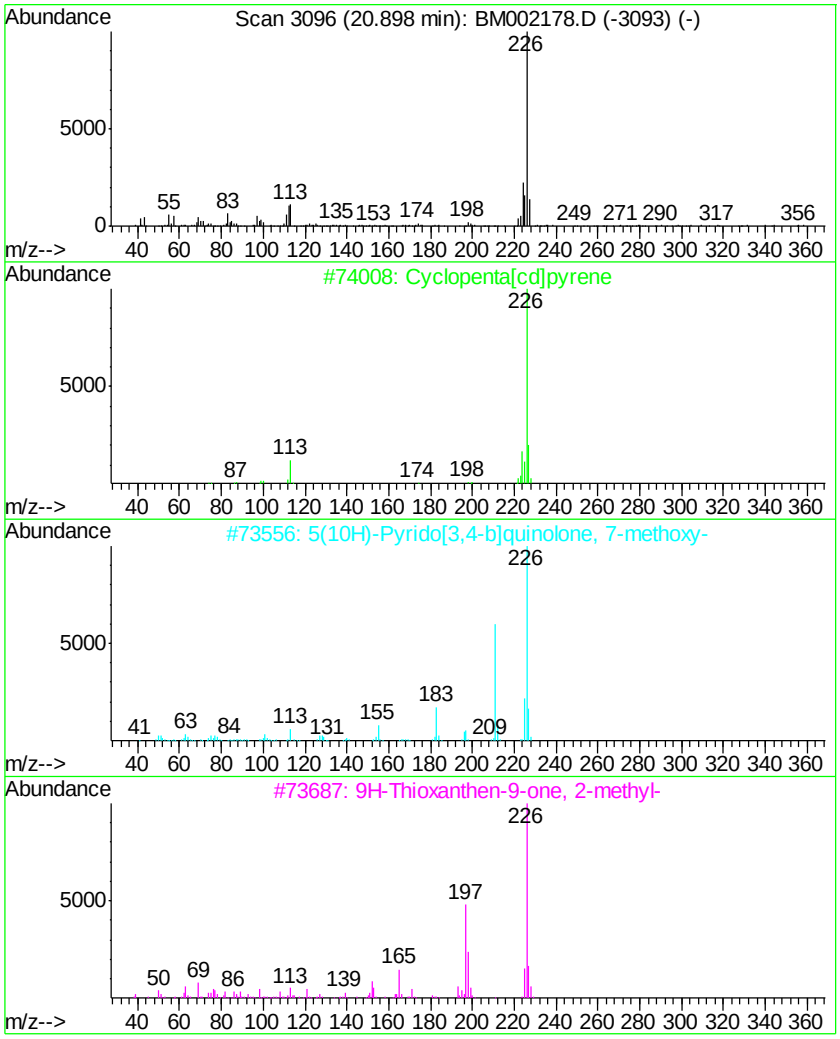
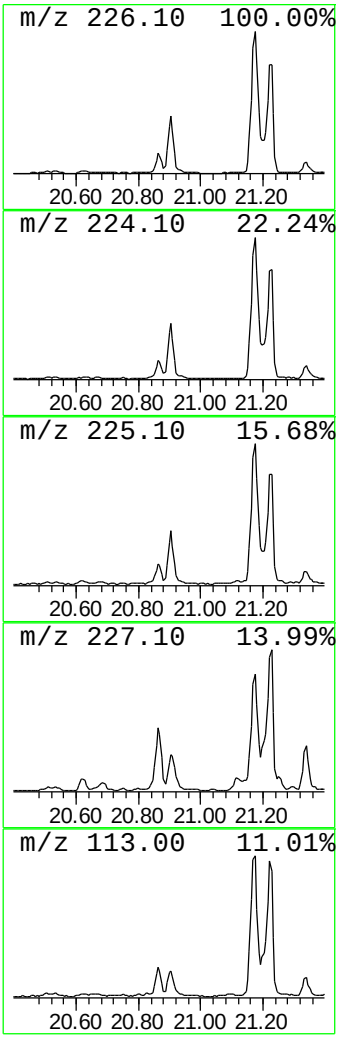
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.66 ng/ul	629312	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	53
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
5	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	42





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Misc :
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Instrument : BNA_M
ClientSampleId : C02L6

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

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

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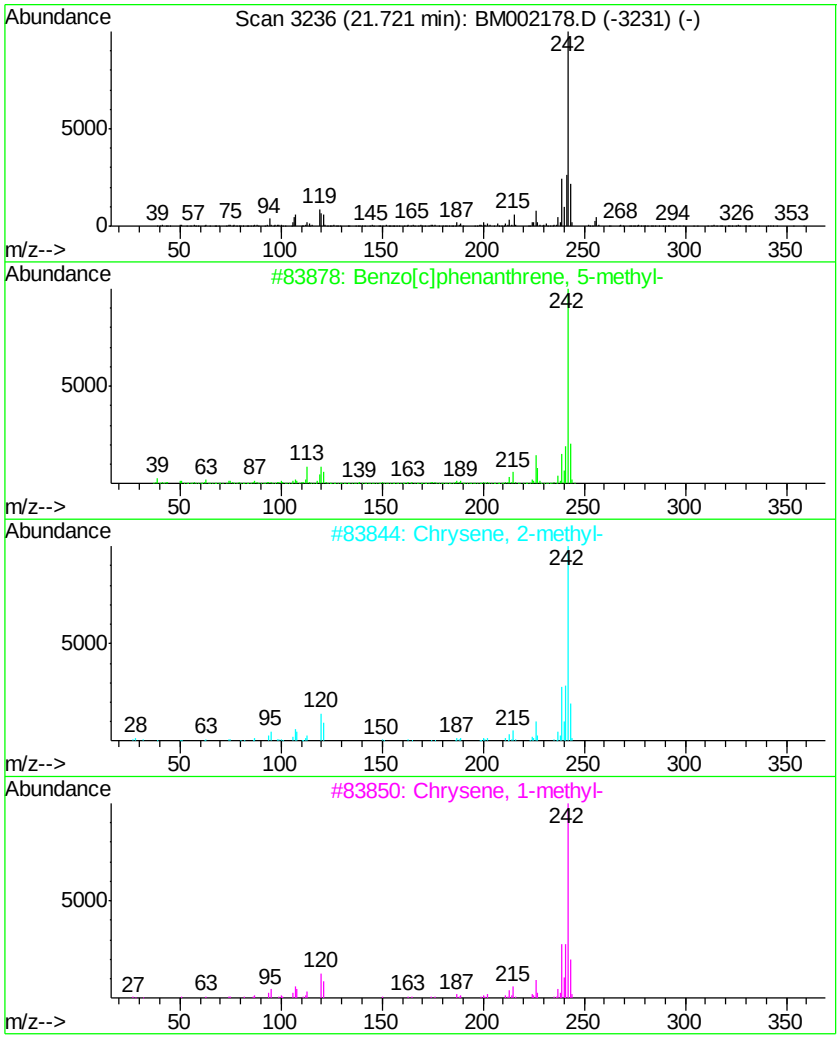
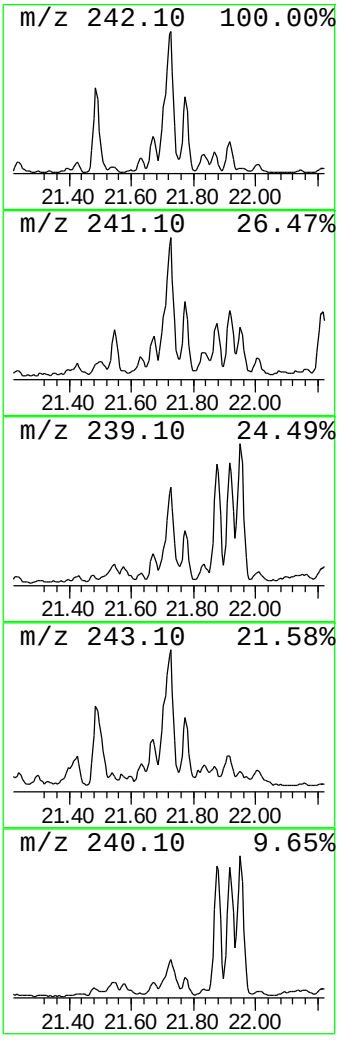
Peak Number 17 Benzo[c]phenanthrene, 5-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.46 ng/ul	582064	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	94
2	Chrysene, 2-methyl-	242	C19H14	003351-32-4	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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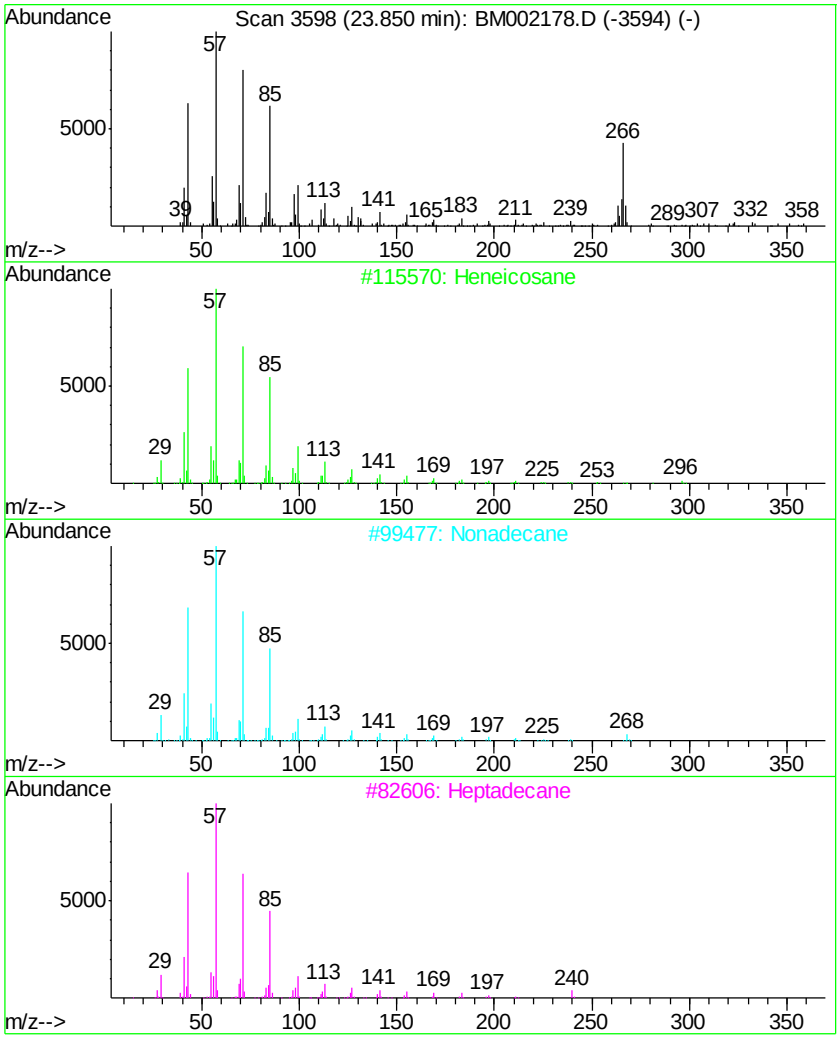
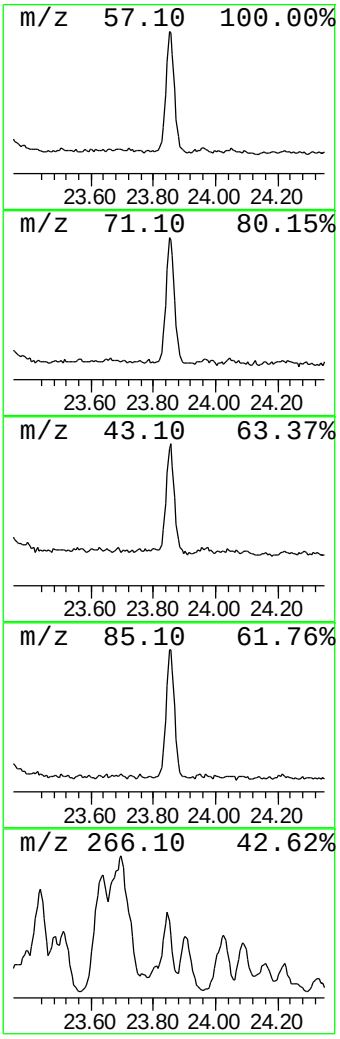
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	6.99 ng/ul	384825	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Triacontane	422	C30H62	000638-68-6	70
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





Tentatively Identified Compound (LSC) summary

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Data File : BM002178.D
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Operator : TP
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1(2H)-Acenaphthyl...	15.96	2.5	ng/ul	121971	4	16.98	976273	20.0
1H-Cyclopropa[l]p...	17.85	5.7	ng/ul	278132	4	16.98	976273	20.0
Phenanthrene, 4-m...	17.90	7.3	ng/ul	356692	4	16.98	976273	20.0
Phenanthrene, 2-m...	17.98	2.9	ng/ul	142431	4	16.98	976273	20.0
4H-Cyclopenta[def...	18.04	15.1	ng/ul	736519	4	16.98	976273	20.0
Naphthalene, 2-ph...	18.36	3.7	ng/ul	179576	4	16.98	976273	20.0
9,10-Anthracenedione	18.40	2.2	ng/ul	108253	4	16.98	976273	20.0
Phenanthrene, 2,5...	18.78	4.4	ng/ul	212703	4	16.98	976273	20.0
Cyclopenta(def)ph...	18.93	6.5	ng/ul	316529	4	16.98	976273	20.0
Pyrene, 1-methyl-	19.74	2.2	ng/ul	528490	5	21.19	4733790	20.0
11H-Benzo[b]fluorene	19.91	4.5	ng/ul	1067880	5	21.19	4733790	20.0
11H-Benzo[a]fluorene	20.02	3.4	ng/ul	796271	5	21.19	4733790	20.0
Cyclopenta[cd]pyrene	20.90	2.7	ng/ul	629312	5	21.19	4733790	20.0
Benzo[c]phenanthr...	21.72	2.5	ng/ul	582064	5	21.19	4733790	20.0
(DEL) Alkane: Str...	23.85	7.0	ng/ul	384825	6	23.38	1100410	20.0