LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM062017.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	6.646	632	639	650	rBV	318905	536571	5.56%	0.475%
2	6.816	662	668	676	rBB	210895	310722	3.22%	0.275%
3	6.998	693	699	706	rBV	320867	495169	5.13%	0.439%
4	7.463	772	778	785	rBB	343395	516368	5.35%	0.457%
5	8.169	892	898	906	rVB	439446	669839	6.95%	0.593%
6	8.610	966	973	979	rBB	308012	491859	5.10%	0.436%
7	9.322	1088	1094	1101	rBB	299962	480703	4.98%	0.426%
8	9.851	1178	1184	1191	rBB	495144	771421	8.00%	0.683%
9	10.228	1241	1248	1253	rBV	488401	808656	8.38%	0.716%
10	10.369	1265	1272	1280	rBV	366261	605395	6.28%	0.536%
11	13.533	1805	1810	1815	rBV	850160	1216860	12.62%	1.078%
12	13.580	1815	1818	1824	rVB	501937	670233	6.95%	0.594%
13	13.804	1849	1856	1860	rBV	883783	1414127	14.66%	1.253%
14	14.116	1901	1909	1916	rBV2	785914	1183785	12.27%	1.049%
15	14.322	1938	1944	1951	rBV	455956	644812	6.69%	0.571%
16	15.116	2072	2079	2085	rBV	1193064	1665823	17.27%	1.476%
17	15.239	2094	2100	2108	rBV	443224	595457	6.17%	0.528%
18	15.845	2195	2203	2206	rBV3	88113	154741	1.60%	0.137%
19	16.868	2371	2377	2381	rBV	1072693	1508556	15.64%	1.336%
20	16.910	2381	2384	2388	rVV	310226	407492	4.22%	0.361%
21	16.968	2388	2394	2397	rVV	1408721	1953737	20.26%	1.731%
22	17.004	2397	2400	2405	rVV	533608	709257	7.35%	0.628%
23	17.057	2405	2409	2416	rVB3	71549	122301	1.27%	0.108%
24	17.274	2442	2446	2450	rVB	190755	240789	2.50%	0.213%
25	17.745	2519	2526	2530	rBV2	90234	175742	1.82%	0.156%
26	17.798	2530	2535	2542	rVV	435062	611077	6.34%	0.541%
27	17.874	2543	2548	2552	rVB2	142587	225381	2.34%	0.200%
28	17.933	2552	2558	2563	rBV3	155517	371722	3.85%	0.329%
29	18.139	2589	2593	2598	rVB3	99285	159597	1.65%	0.141%
30	18.257	2609	2613	2615	rVV	127623	168976	1.75%	0.150%
31	18.292	2615	2619	2627	rVB	333910	465710	4.83%	0.413%
32	18.504	2652	2655	2659	rVV3	120905	183443	1.90%	0.163%
33	18.551	2659	2663	2667	rVV2	127132	201529	2.09%	0.179%
34	18.592	2667	2670	2675	rVB	117218	155685	1.61%	0.138%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	18.680	2680	2685	2690	rBV2	234739	388831	4.03%	0.344%
36	18.739	2690	2695	2698	rBV3	111851	191959	1.99%	0.170%
37	18.815	2704	2708	2715	rVB	476849	656642	6.81%	0.582%
38	18.945	2724	2730	2737	rVB	4682575	6173294	64.01%	5.469%
39	19.021	2738	2743	2745	rBV	121027	199435	2.07%	0.177%
40	19.092	2751	2755	2760	rVB	253880	326734	3.39%	0.289%
41	19.174	2760	2769	2770	rBV5	155988	410620	4.26%	0.364%
42	19.245	2775	2781	2783	rVV4	490677	669990	6.95%	0.594%
43	19.280	2783	2787	2789	rVV2	2284409	3077968	31.91%	2.727%
44	19.315	2789	2793	2800	rVV	5563993	7358596	76.30%	6.519%
45	19.386	2800	2805	2812	rVB2	266164	575173	5.96%	0.510%
46	19.492	2817	2823	2828	rBV	357343	608644	6.31%	0.539%
47	19.551	2828	2833	2839	rVB2	610061	1015392	10.53%	0.900%
48	19.639	2842	2848	2855	rBV5	697929	1611528	16.71%	1.428%
49	19.774	2866	2871	2881	rVB4	717973	2002486	20.76%	1.774%
50	19.856	2881	2885	2889	rBV	220938	309608	3.21%	0.274%
51	19.909	2891	2894	2898	rVB3	169413	197771	2.05%	0.175%
52	19.968	2898	2904	2909	rBV2	1181828	1980431	20.53%	1.755%
53	20.009	2909	2911	2915	rVB2	213389	235920	2.45%	0.209%
54	20.051	2915	2918	2924	rVB	221640	292624	3.03%	0.259%
55	20.109	2924	2928	2932	rBV	647153	915800	9.50%	0.811%
56	20.156	2932	2936	2941	rVB2	443136	702784	7.29%	0.623%
57	20.303	2958	2961	2964	rVB2	275546	289877	3.01%	0.257%
58	20.374	2969	2973	2975	rBV2	208568	313617	3.25%	0.278%
59	20.480	2989	2991	2995	rVB2	212021	239182	2.48%	0.212%
60	20.568	3002	3006	3011	rVB	1600139	2039036	21.14%	1.806%
61	20.656	3019	3021	3025	rVB2	204684	226934	2.35%	0.201%
62	20.727	3027	3033	3037	rVV2	928082	1739781	18.04%	1.541%
63	20.774	3037	3041	3043	rVV2	837829	1089435	11.30%	0.965%
64	20.809	3043	3047	3052	rVV2	958779	1820232	18.87%	1.613%
65	20.868	3052	3057	3064	rVB2	926695	1299687	13.48%	1.151%
66	20.968	3069	3074	3076	rBV3	188346	335004	3.47%	0.297%
67	21.080	3083	3093	3098	rBV2	3694367	8646291	89.65%	7.660%
68	21.127	3098	3101	3108	rVV	3502697	5192974	53.84%	4.601%
69	21.209	3112	3115	3118	rVB2	183720	212999	2.21%	0.189%
70	21.262	3118	3124	3127	rBV3	182637	413692	4.29%	0.367%
71	21.315	3129	3133	3135	rBV3	181235	299823	3.11%	0.266%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	21.392	3142	3146	3152	rBV2	555534	897801	9.31%	0.795%
73	21.445	3152	3155	3158	rBV2	449097	490757	5.09%	0.435%
74	21.580	3174	3178	3180	rBV2	248183	359984	3.73%	0.319%
75	21.627	3180	3186	3190	rVV	1057454	1744167	18.08%	1.545%
76	21.680	3191	3195	3200	rVV2	772383	1244703	12.91%	1.103%
77	21.750	3204	3207	3213	rVV4	329916	586185	6.08%	0.519%
78	21.815	3213	3218	3221	rVV3	461998	710054	7.36%	0.629%
79	21.845	3221	3223	3229	rVV3	291429	418569	4.34%	0.371%
80	21.915	3231	3235	3243	rVB3	325291	562222	5.83%	0.498%
81	22.080	3259	3263	3267	rBV	317153	483443	5.01%	0.428%
82	22.350	3304	3309	3321	rVB3	478283	1335542	13.85%	1.183%
83	22.615	3345	3354	3358	rBV2	4348633	9644884	100.00%	8.545%
84	22.762	3374	3379	3384	rBV	523397	783002	8.12%	0.694%
85	22.886	3395	3400	3409	rBV3	328993	905806	9.39%	0.802%
86	23.056	3423	3429	3434	rBV	1734626	3158075	32.74%	2.798%
87	23.103	3434	3437	3440	rVV2	682928	1053537	10.92%	0.933%
88	23.150	3440	3445	3451	rVB	2099495	3512395	36.42%	3.112%
89	23.239	3452	3460	3463	rBV	620900	1296834	13.45%	1.149%
90	23.280	3463	3467	3475	rVB2	674429	1404412	14.56%	1.244%
91	23.750	3542	3547	3553	rVB4	190764	406072	4.21%	0.360%
92	23.921	3572	3576	3582	rBV4	69110	155459	1.61%	0.138%
93	24.715	3706	3711	3715	rBV3	117802	209377	2.17%	0.185%
94	25.068	3762	3771	3775	rBV4	145726	439570	4.56%	0.389%
95	25.127	3776	3781	3789	rVB3	261718	624603	6.48%	0.553%
96	25.274	3801	3806	3810	rBV6	107912	211824	2.20%	0.188%
97	25.356	3811	3820	3834	rVV2	891115	3021640	31.33%	2.677%
98	25.597	3856	3861	3864	rBV	108169	222969	2.31%	0.198%
99	25.650	3865	3870	3880	rVB5	213781	626156	6.49%	0.555%
100	26.003	3921	3930	3942	rVB	474201	1410869	14.63%	1.250%

Sum of corrected areas: 112875240

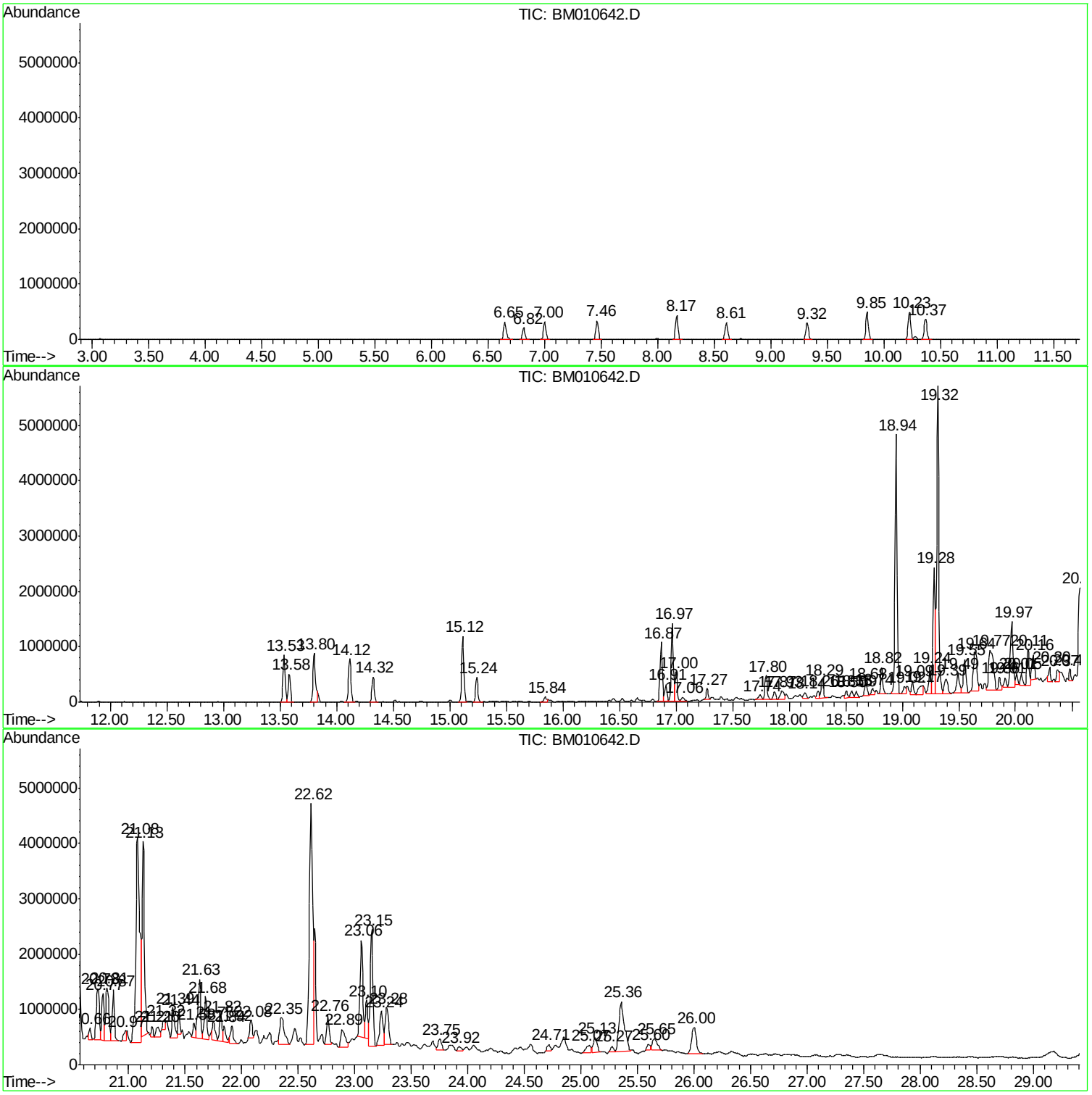
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

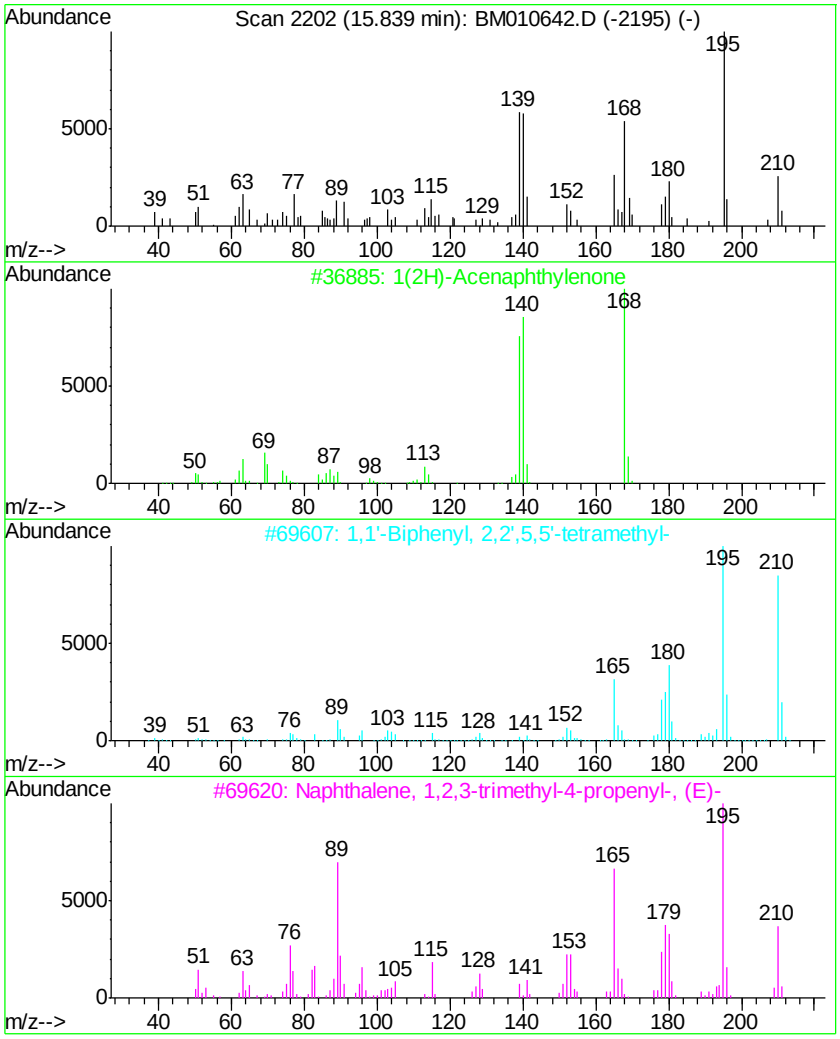
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

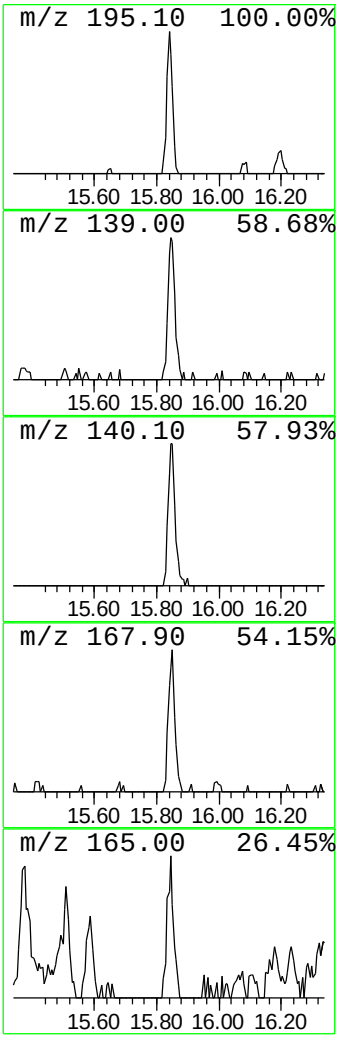
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.05 ng/ul	154741	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	50
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	42
3	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	38
4	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	35
5	4-Aminobenzo[g]quinazoline	195	C12H9N3	033987-04-1	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

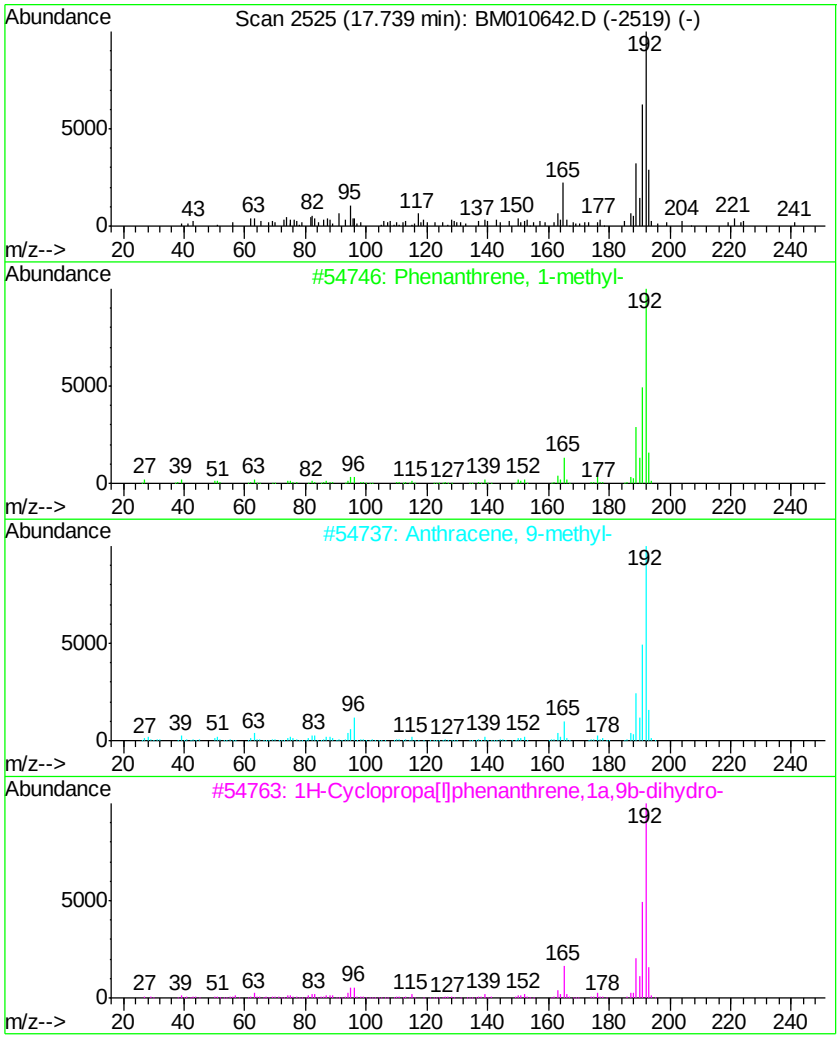
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

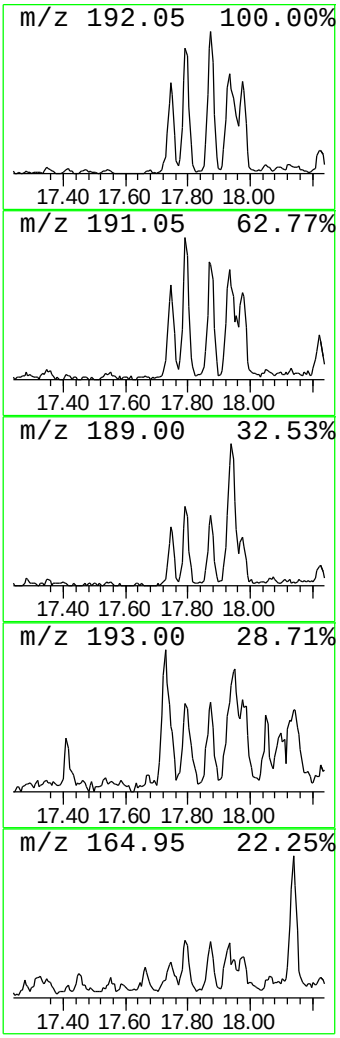
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.33 ng/ul	175742	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

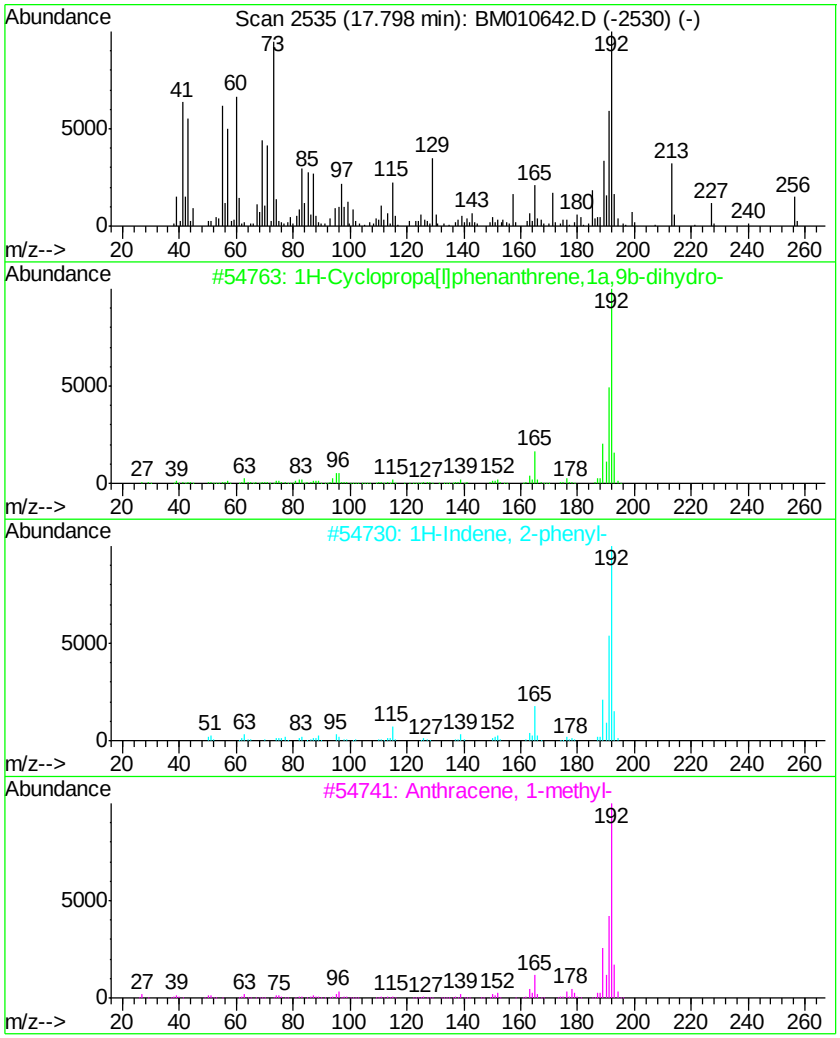
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

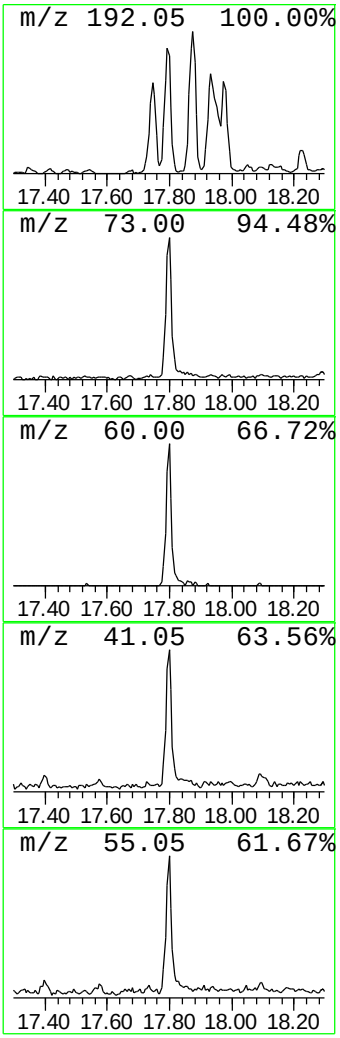
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	8.10 ng/ul	611077	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

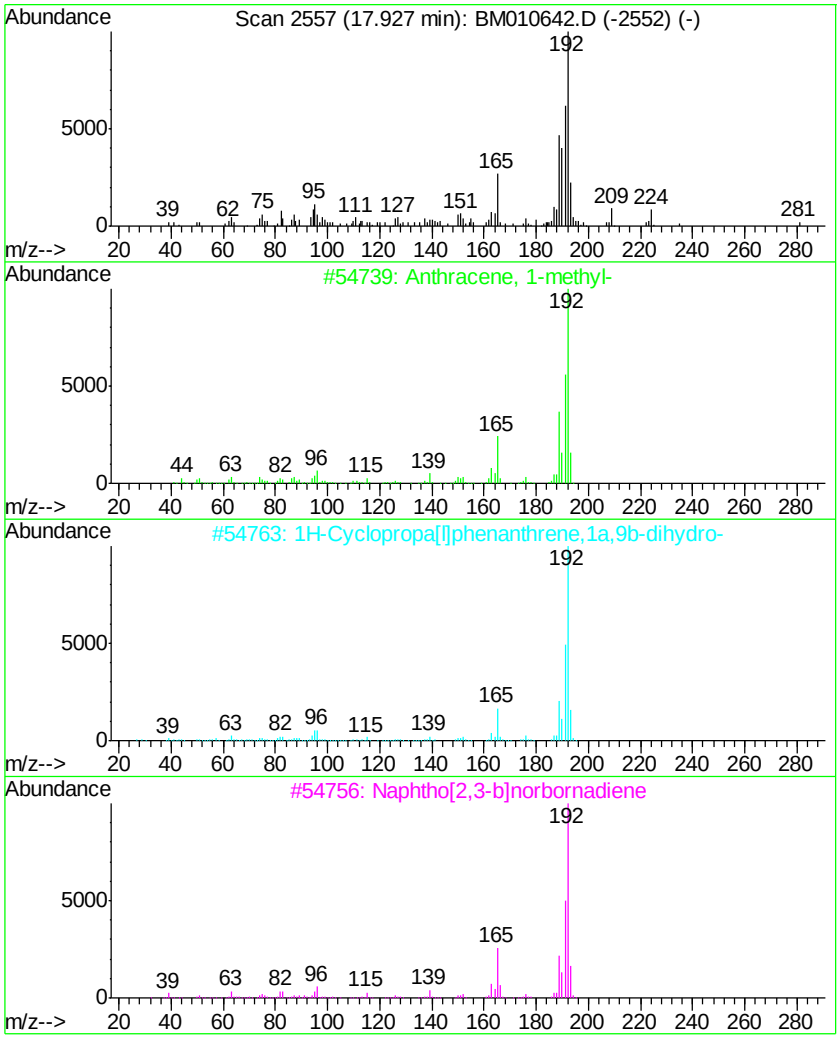
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

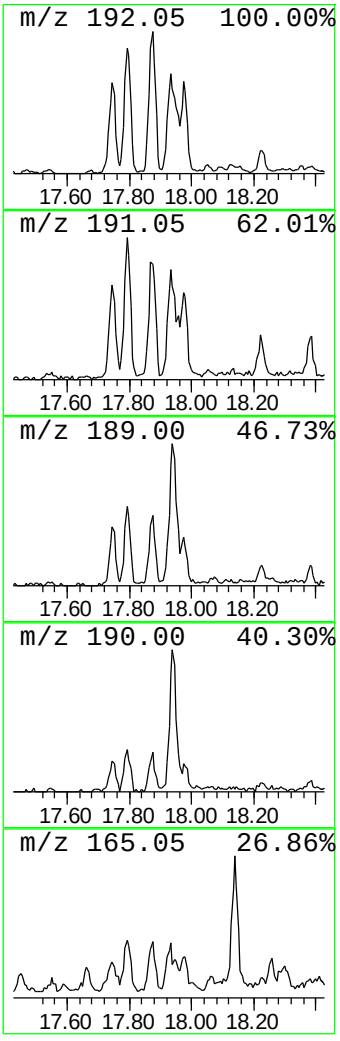
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.93 ng/ul	371722	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	58
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

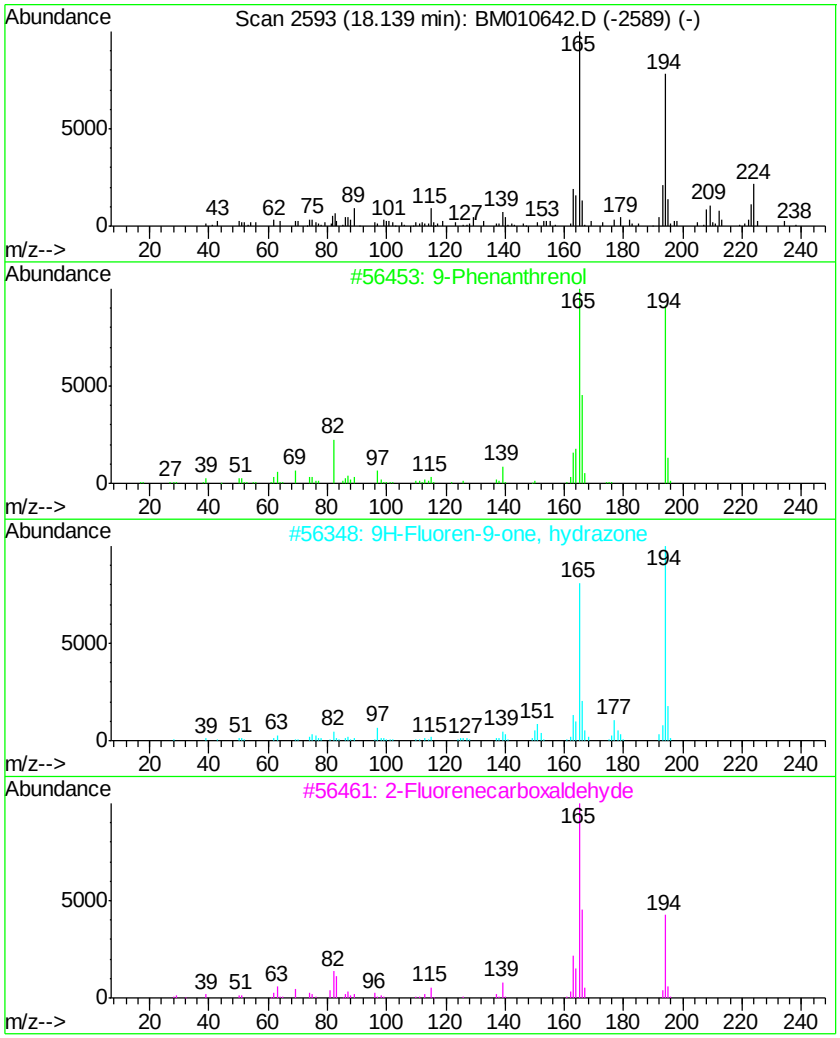
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

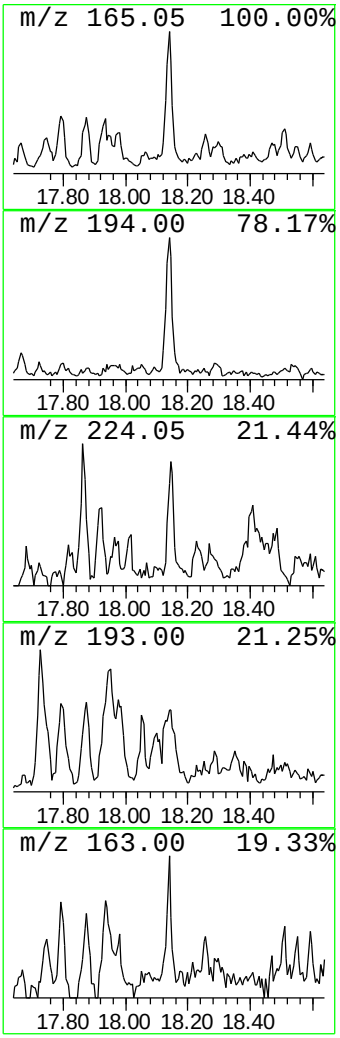
****

Peak Number 6 9-Phenanthrenol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.12 ng/ul	159597	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenanthrenol	194	C14H10O	000484-17-3	70
2	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	68
3	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	68
4	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	68
5	4-Phenanthrenol	194	C14H10O	007651-86-7	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

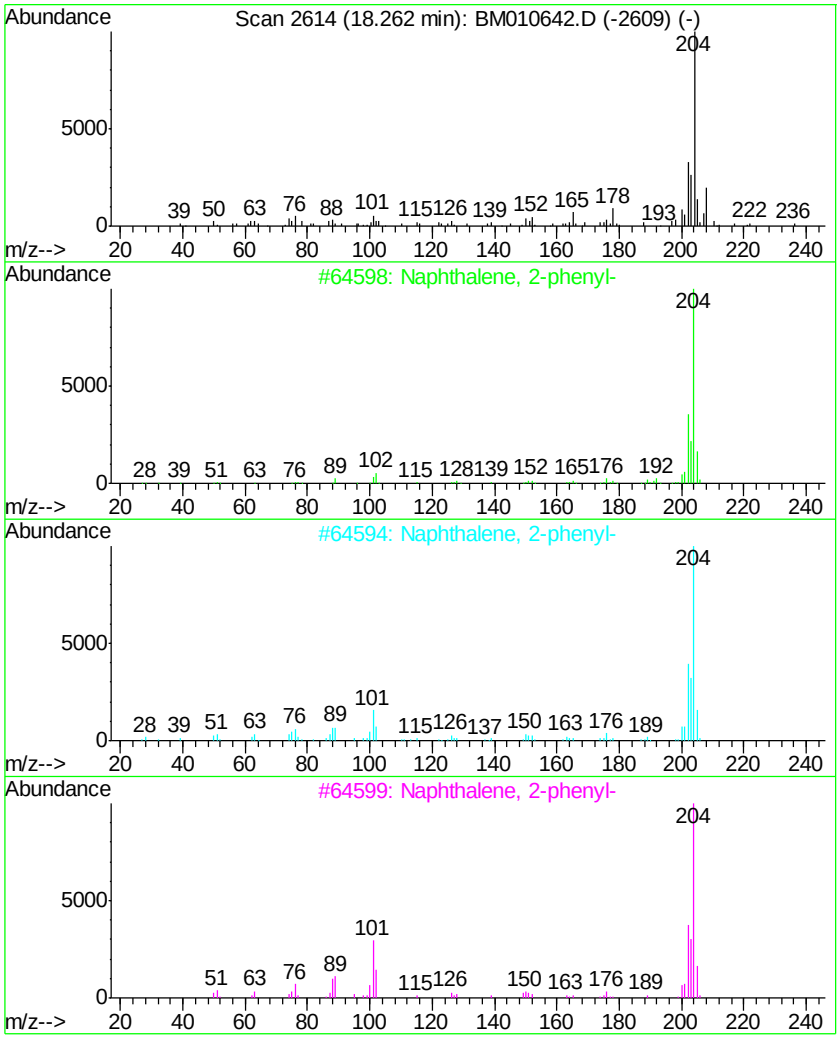
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

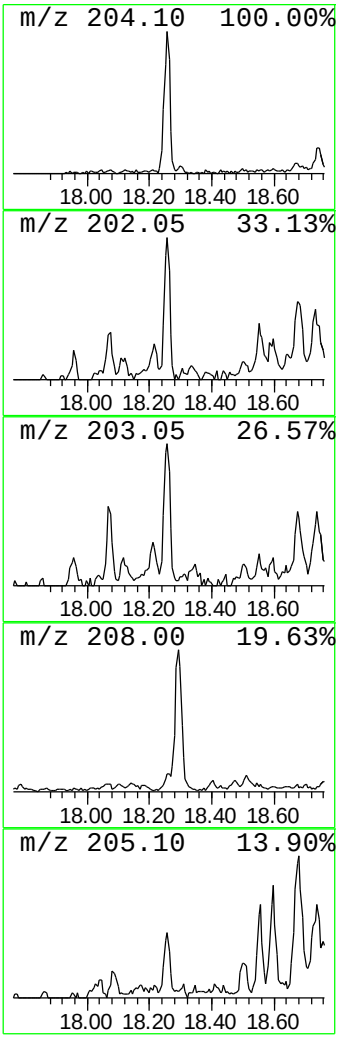
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.24 ng/ul	168976	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

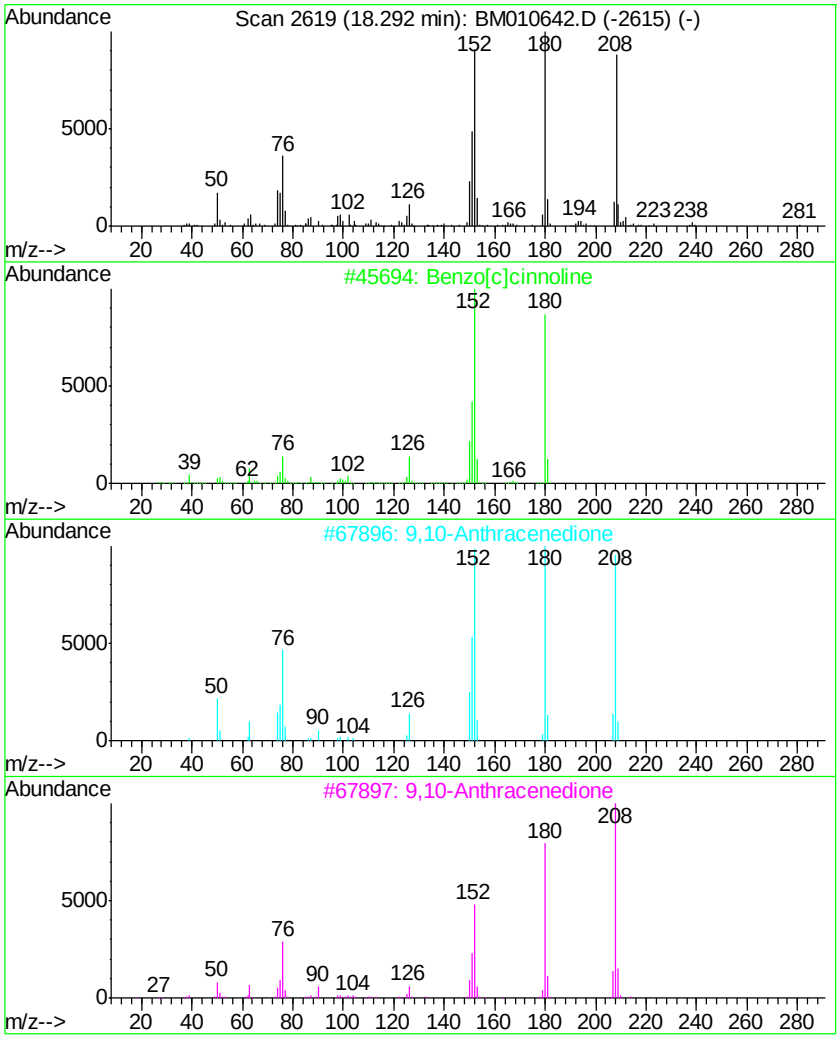
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

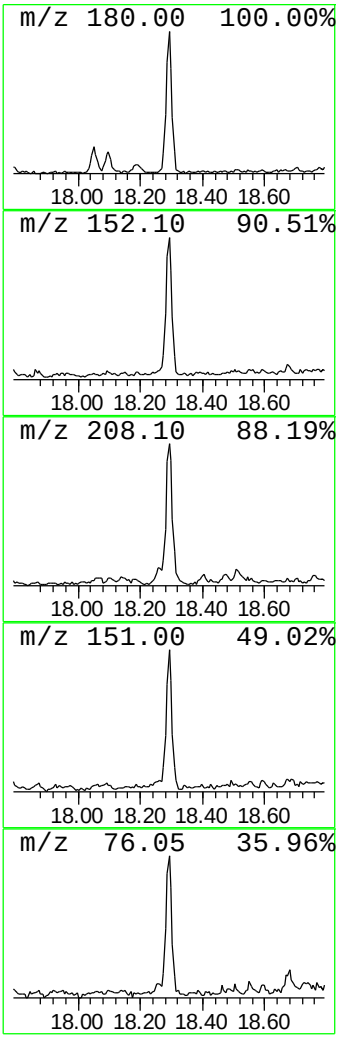
****

Peak Number 8 Benzo[c]cinnoline Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	6.17 ng/ul	465710	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

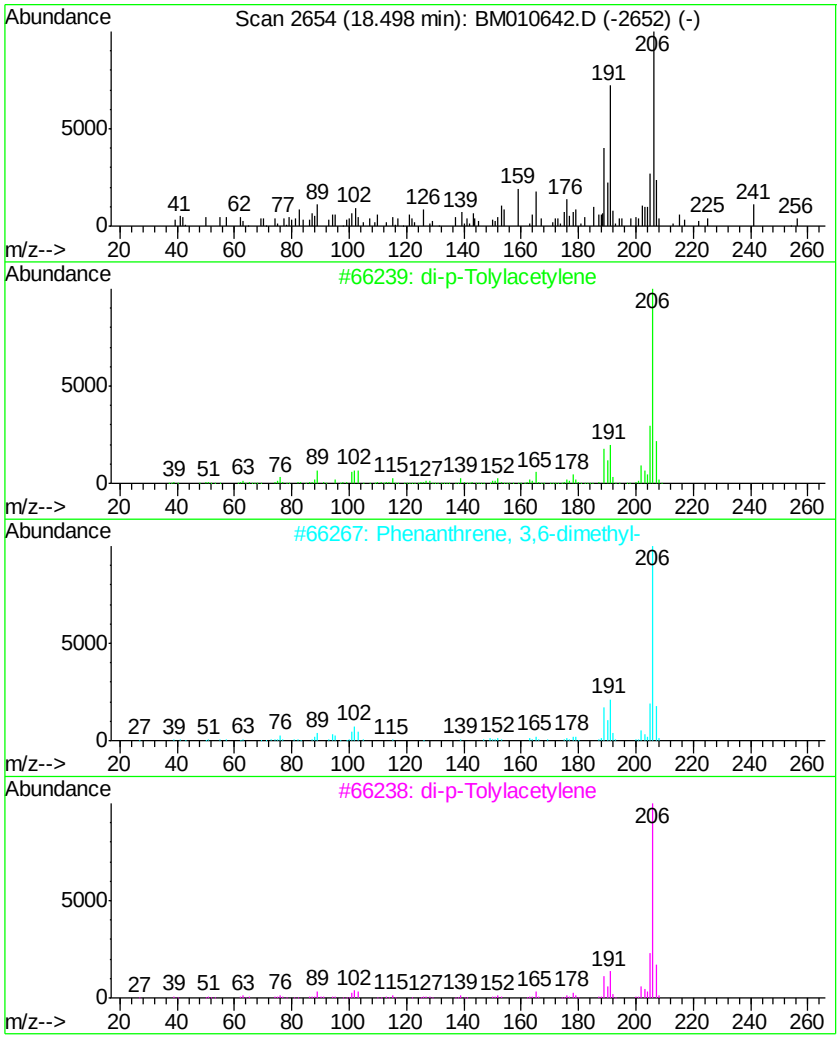
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

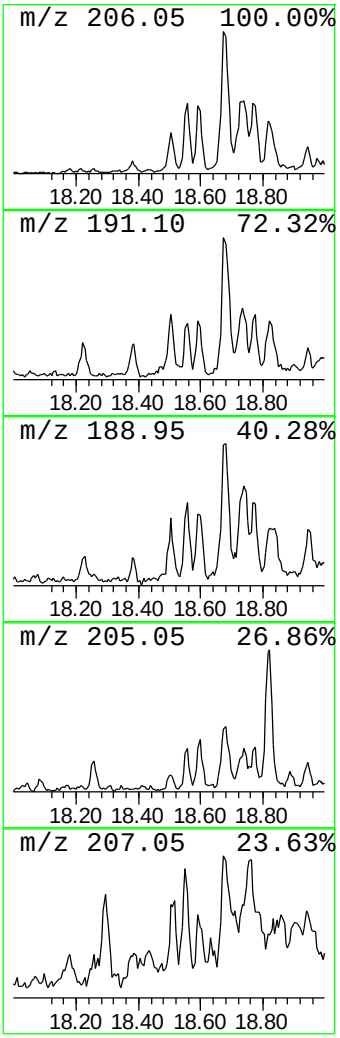
****

Peak Number 9 di-p-Tolylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.43 ng/ul	183443	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	62
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

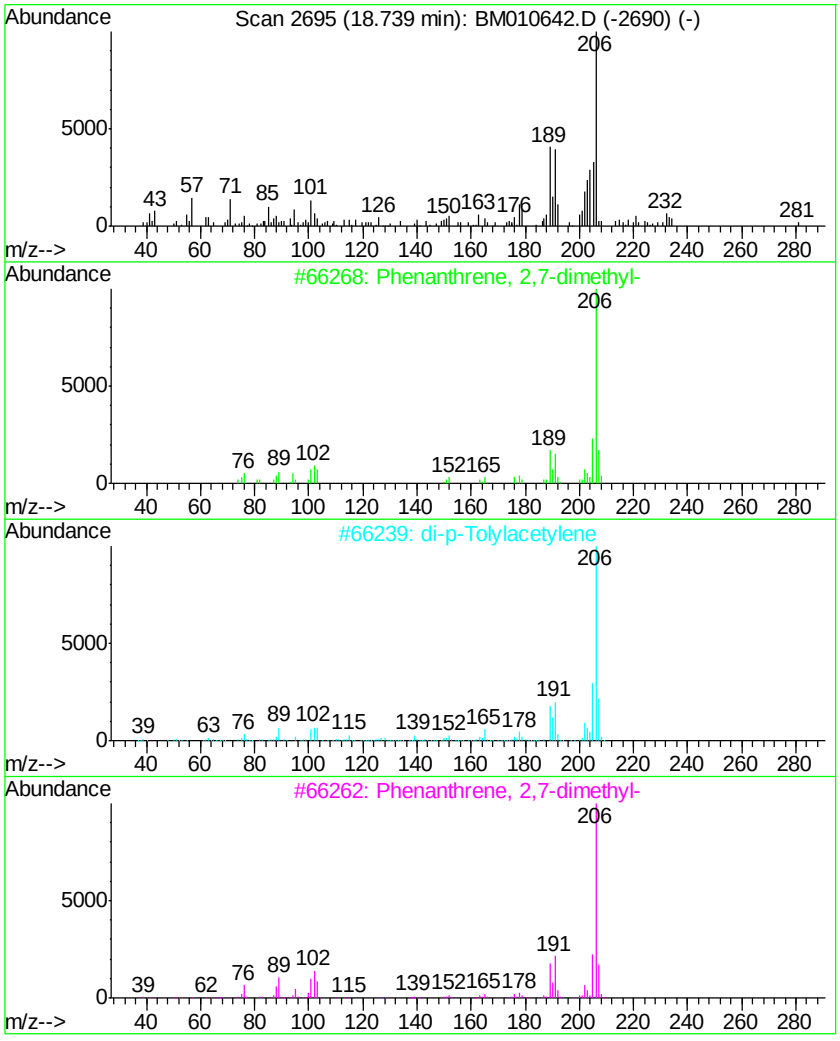
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

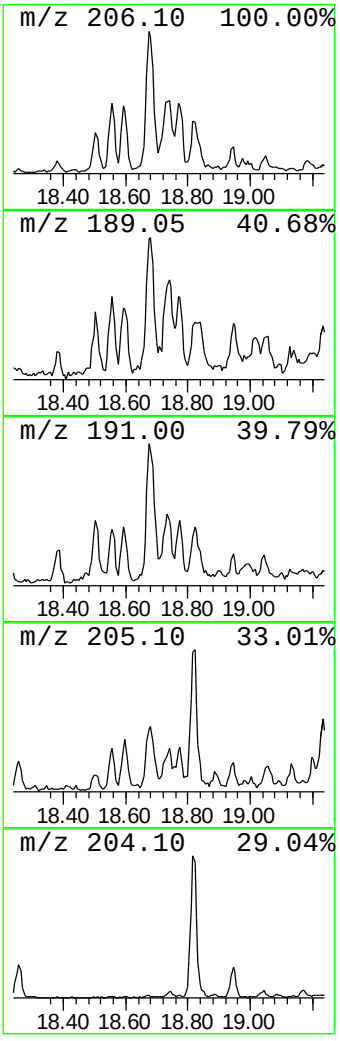
****

Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.54 ng/ul	191959	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

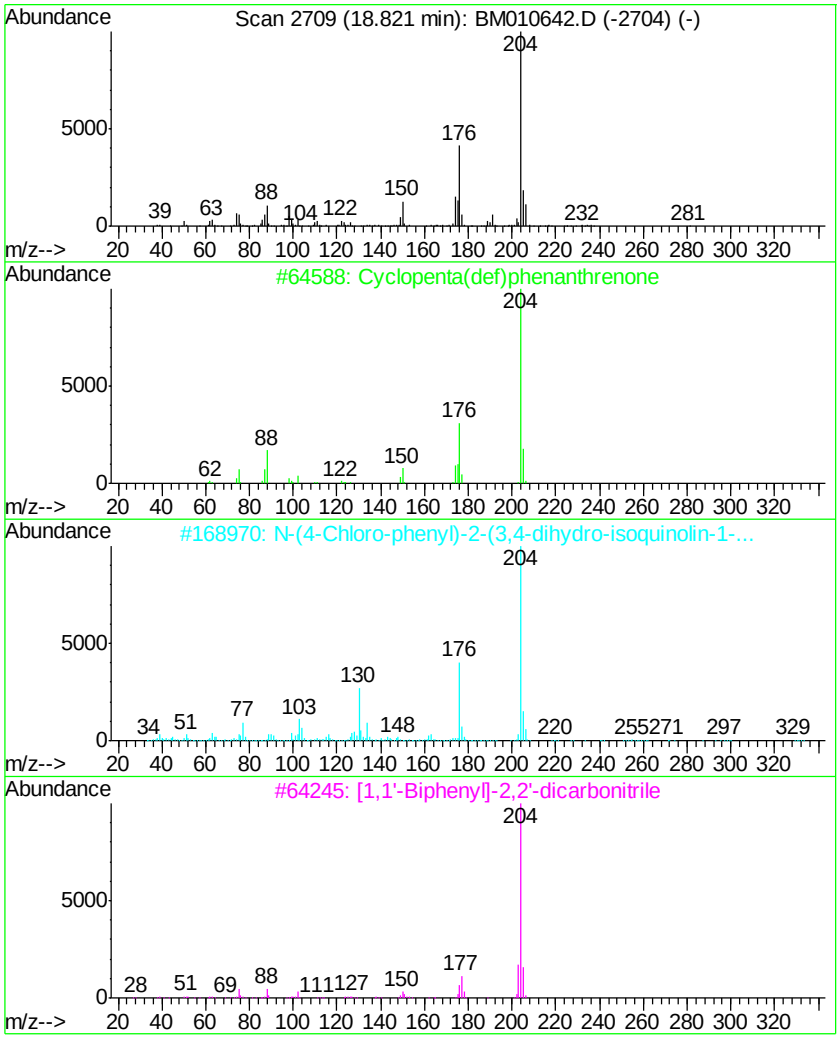
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

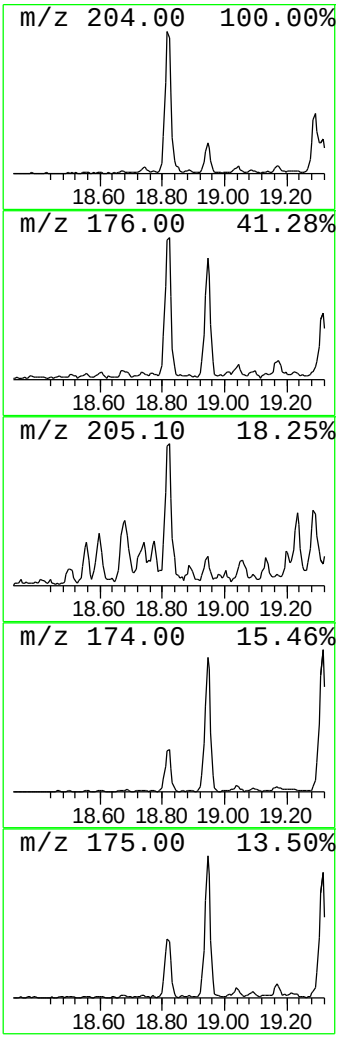
****

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	8.71 ng/ul	656642	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	45
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

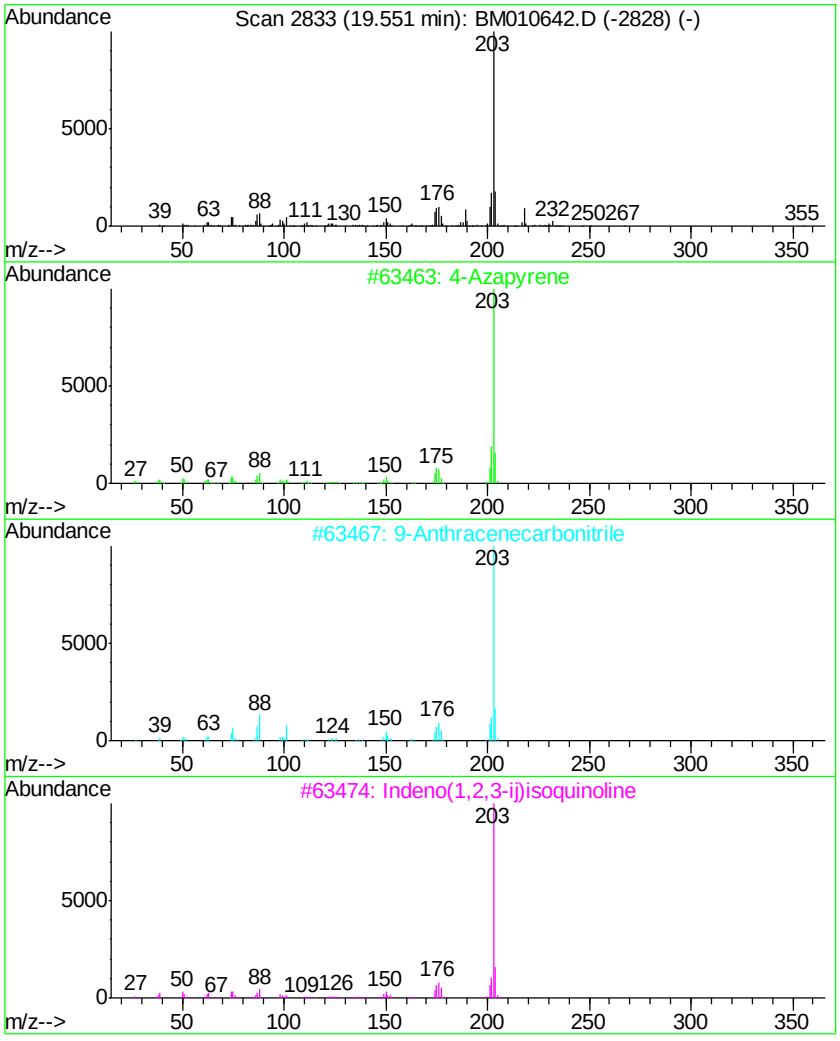
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

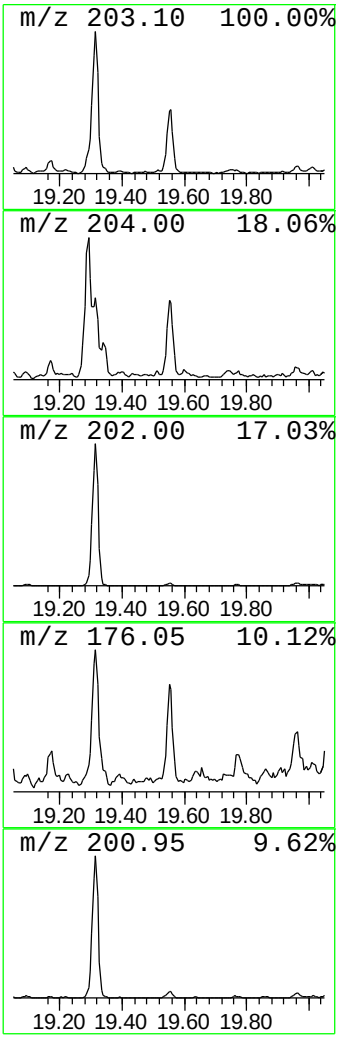
****

Peak Number 15 4-Azapyrene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.35 ng/ul	1015390	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	96
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	93
5	9-Cyanophenanthrene	203	C15H9N	002510-55-6	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

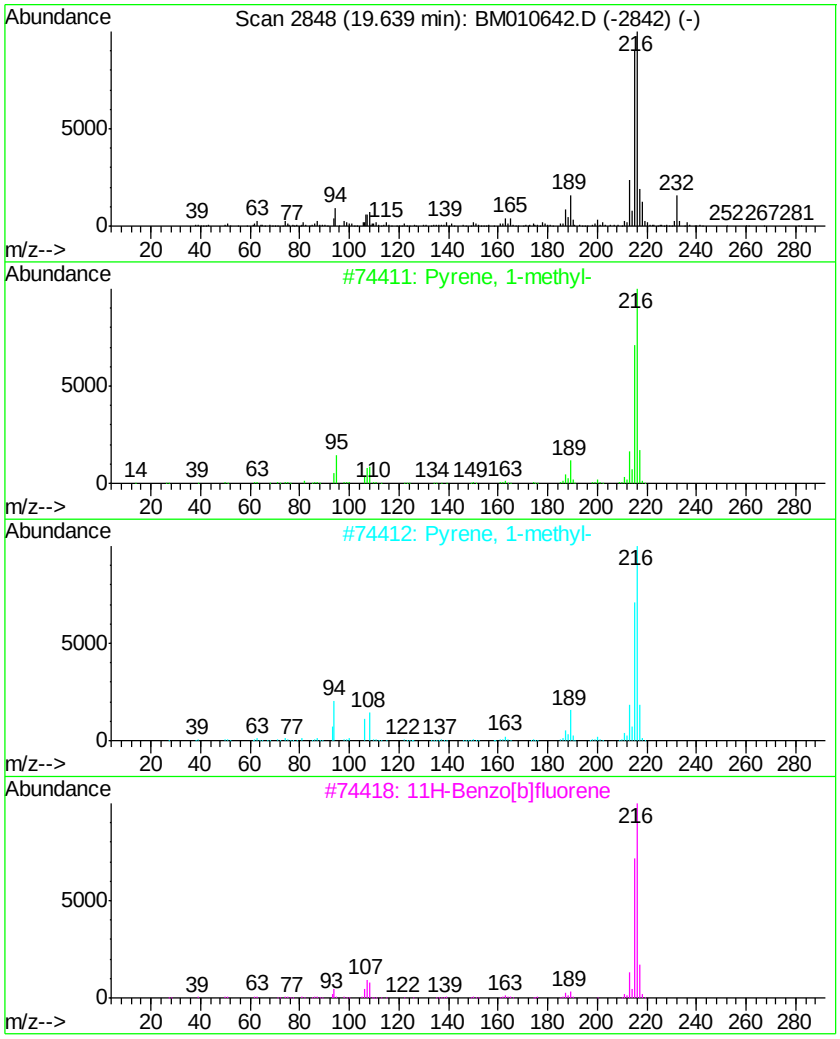
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

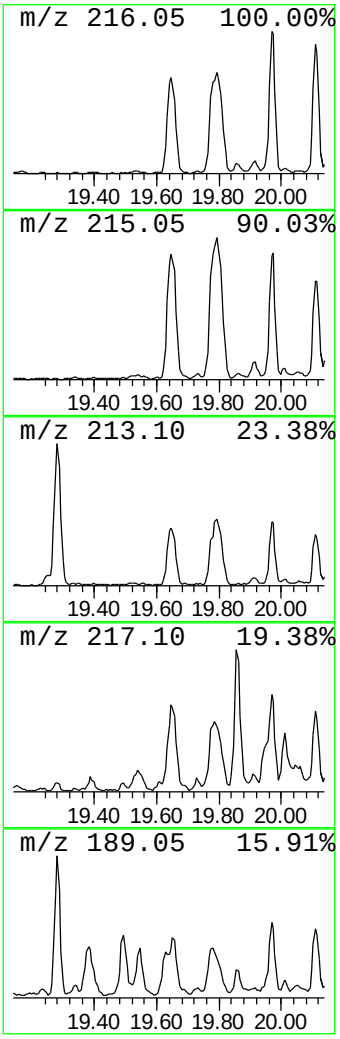
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	3.73 ng/ul	1611530	Chrysene-d12	21.09

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

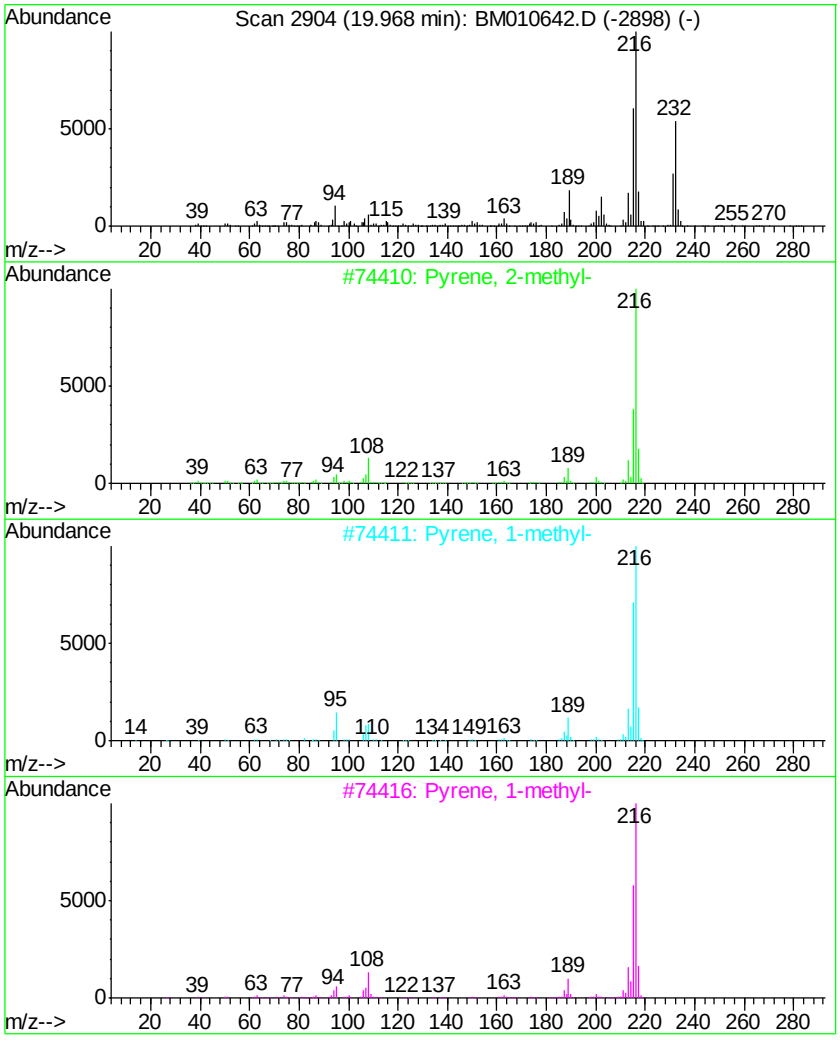
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

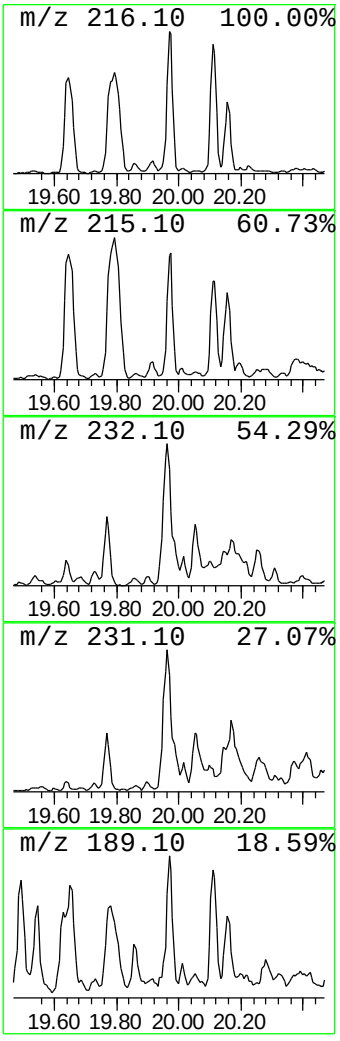
****

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	4.58 ng/ul	1980430	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

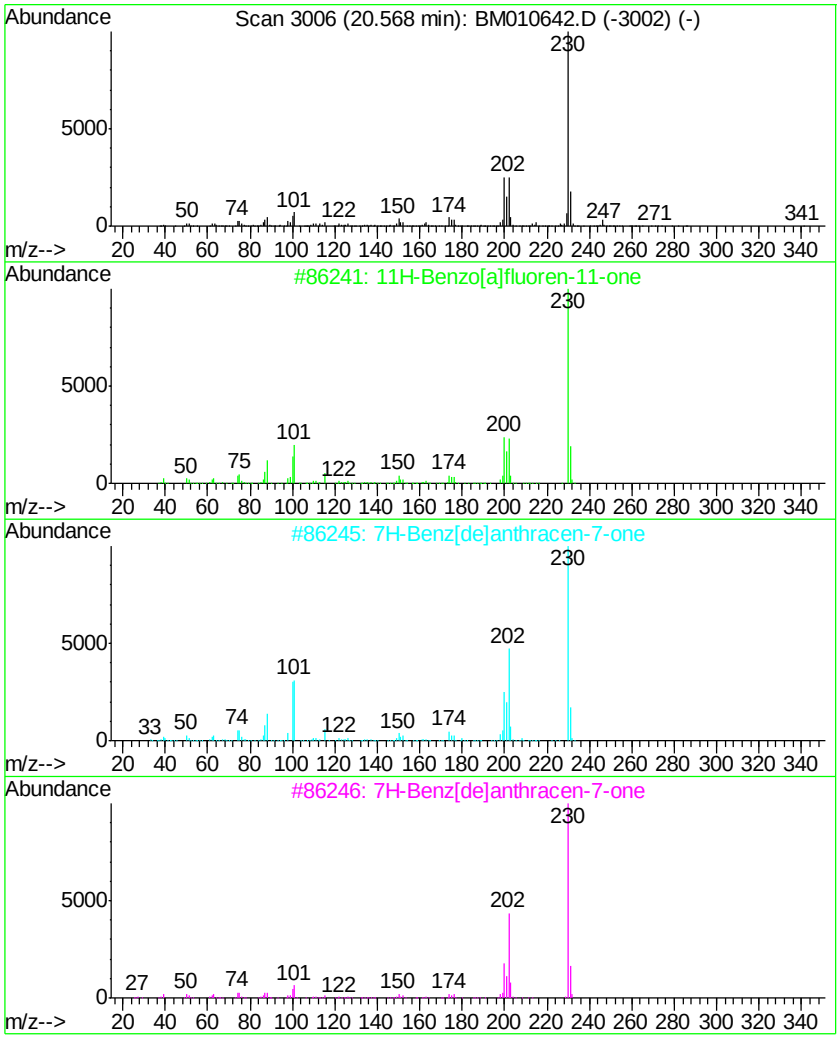
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

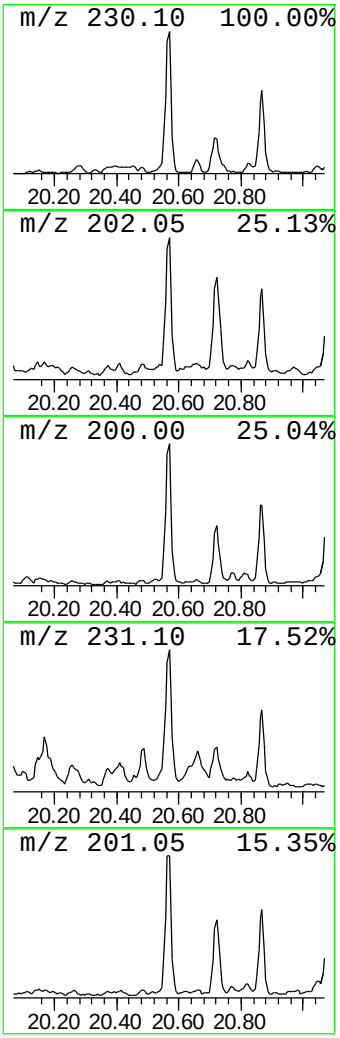
****

Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	4.72 ng/ul	2039040	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

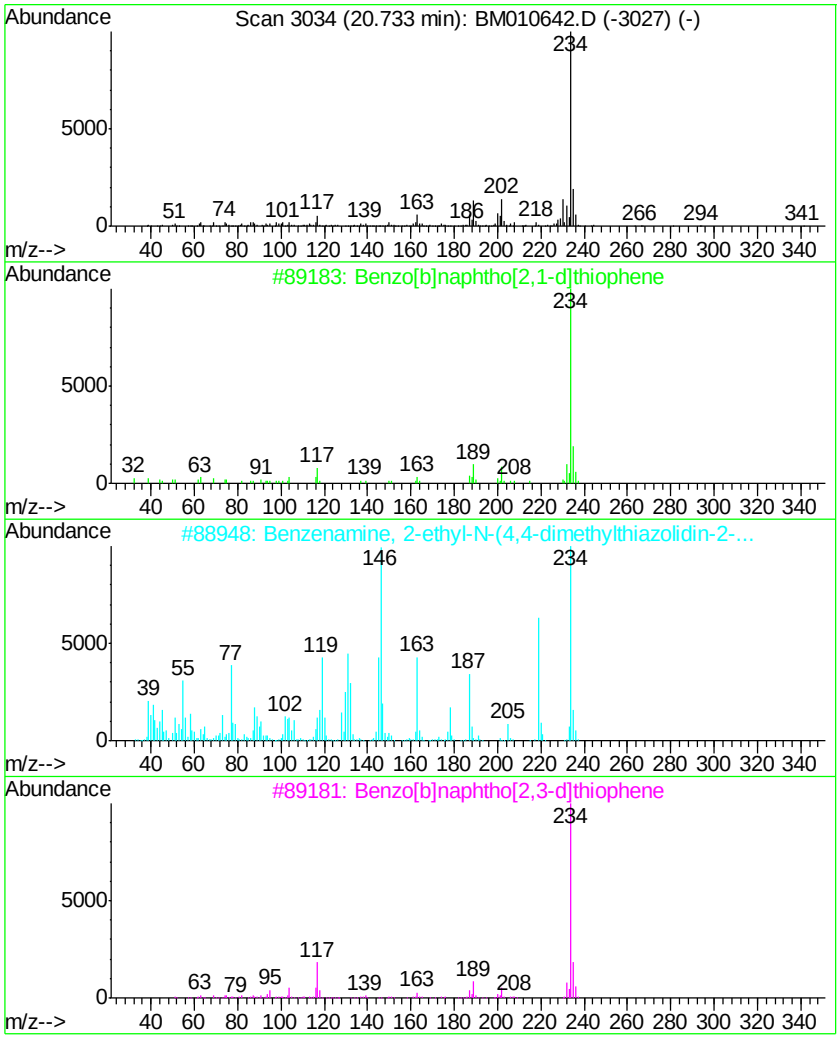
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

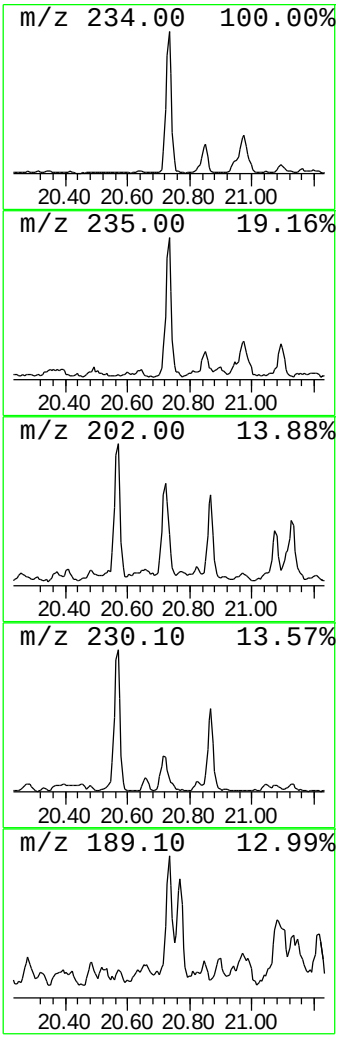
****

Peak Number 21 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	4.02 ng/ul	1739780	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	87
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

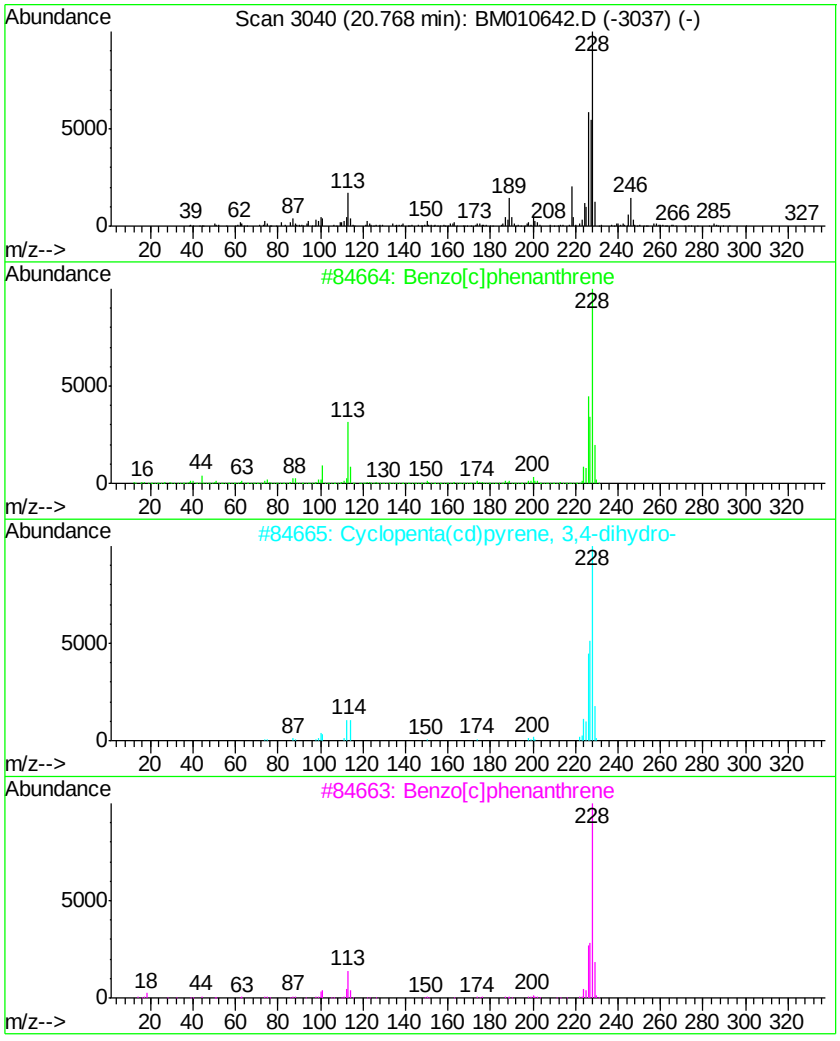
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

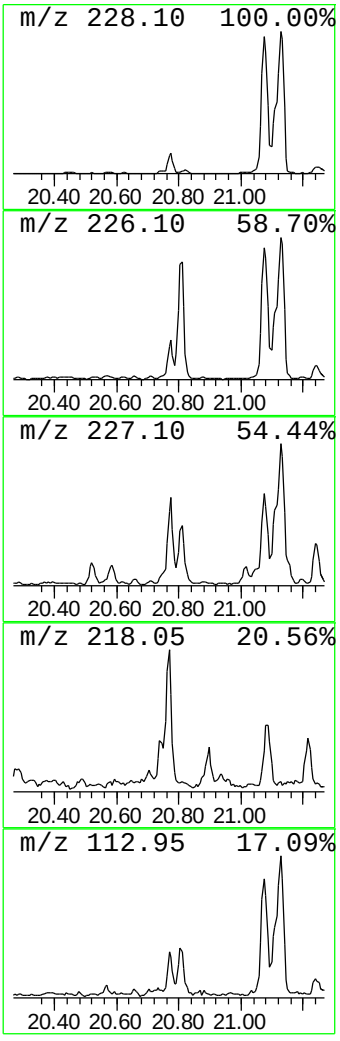
****

Peak Number 22 Benzo[c]phenanthrene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.52 ng/ul	1089440	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	47
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4	Triphenylene	228	C18H12	000217-59-4	46
5	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

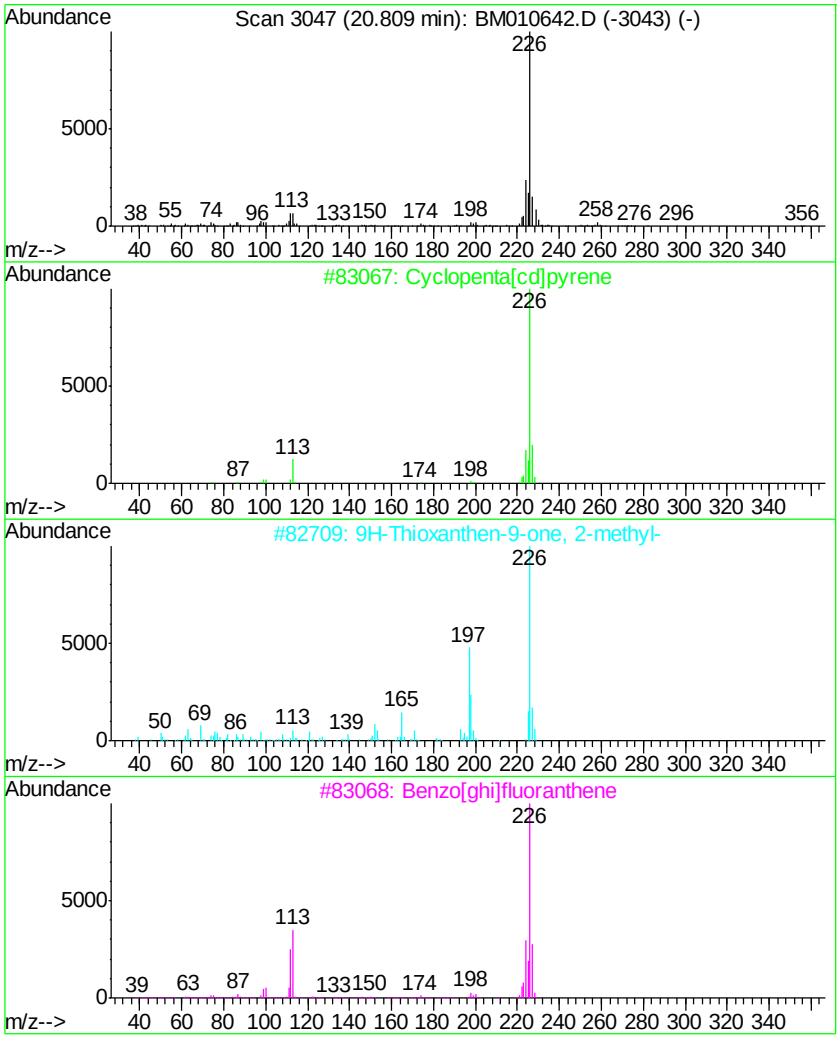
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

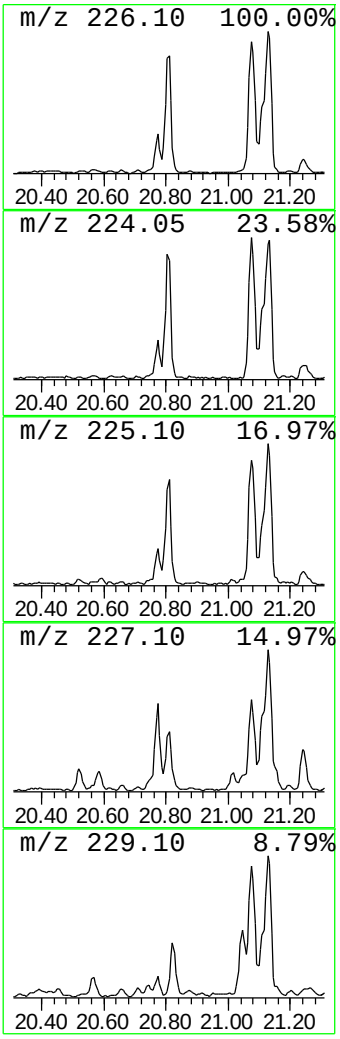
****

Peak Number 23 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	4.21 ng/ul	1820230	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	53
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	42
5	2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

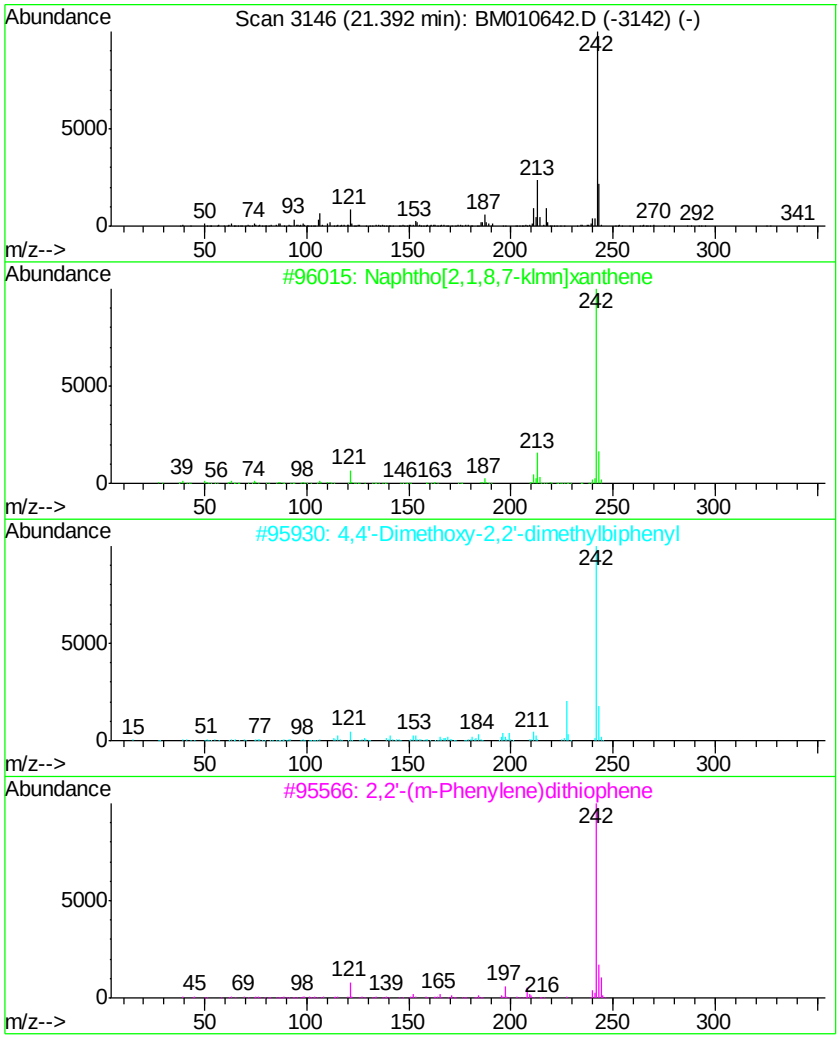
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

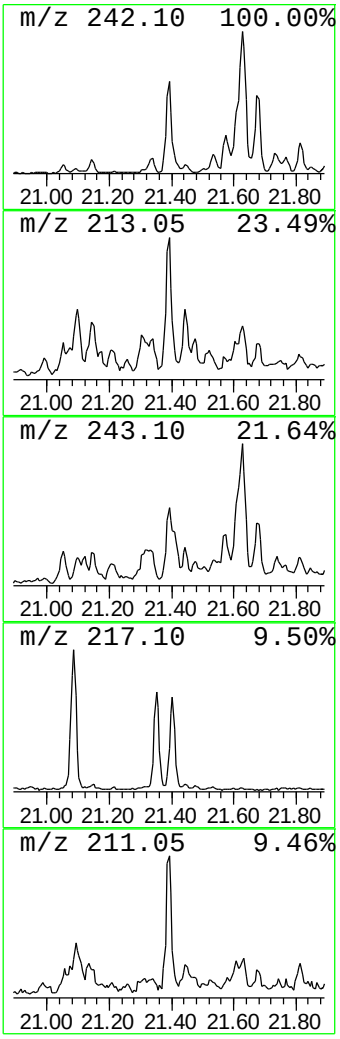
****

Peak Number 25 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.08 ng/ul	897801	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	81
2	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	53
3	2,2'-(m-Phenylene)dithiophene	242	C14H10S2	104500-00-7	50
4	4-Benzylimidazole-5-(1-propenoic...	242	C14H14N2O2	1000126-22-0	49
5	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

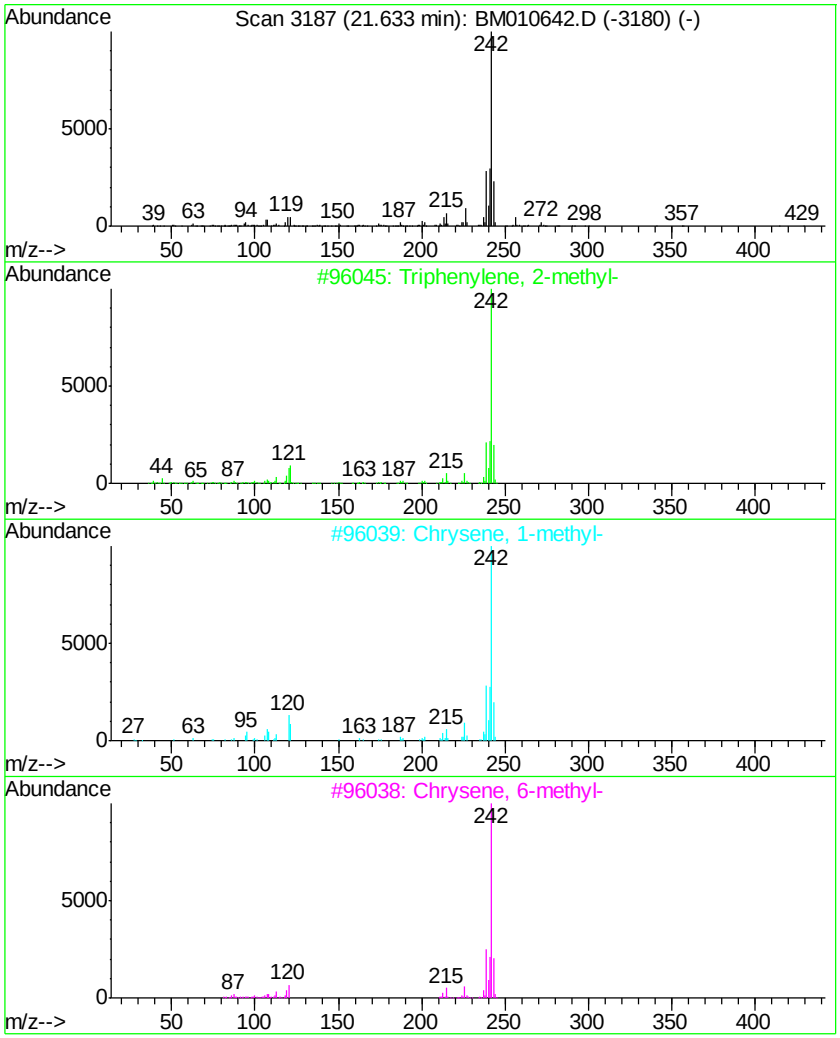
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

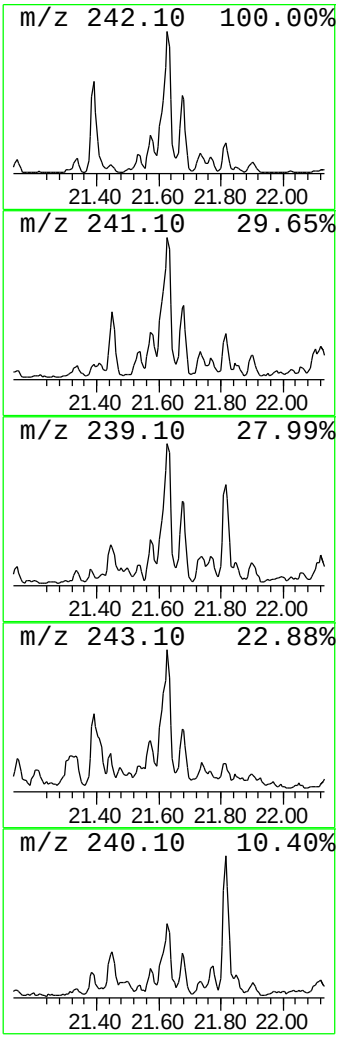
****

Peak Number 26 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	4.03 ng/ul	1744170	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

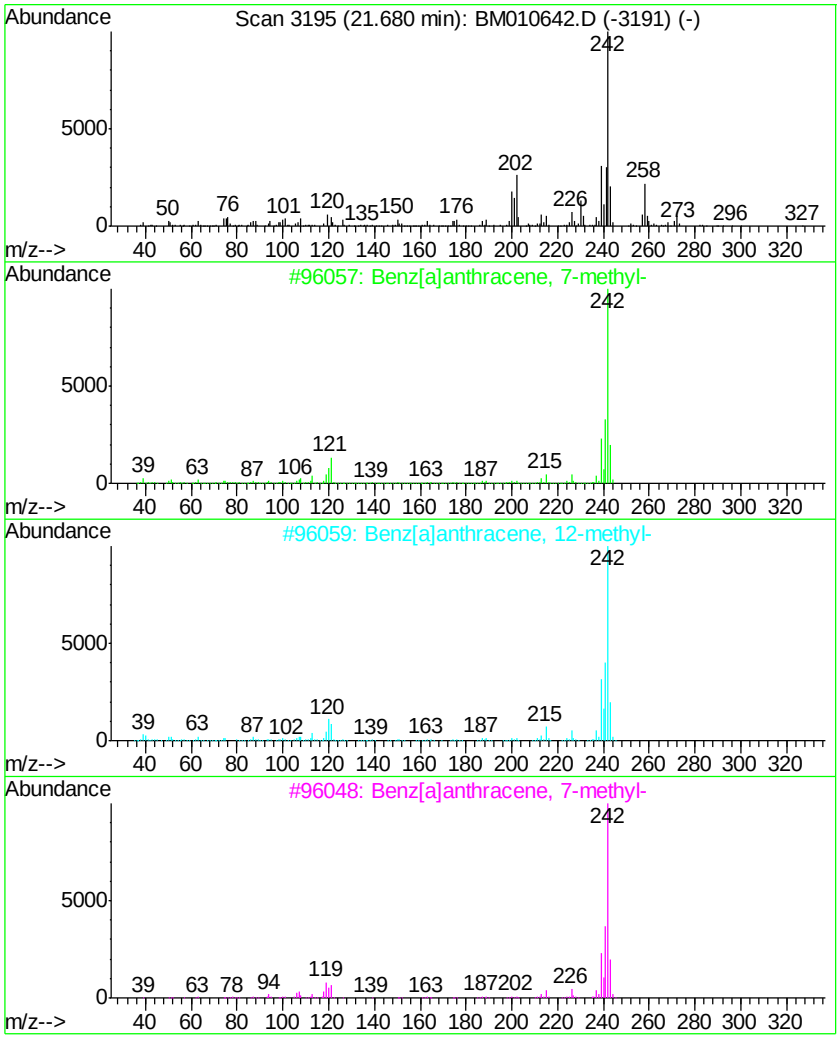
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

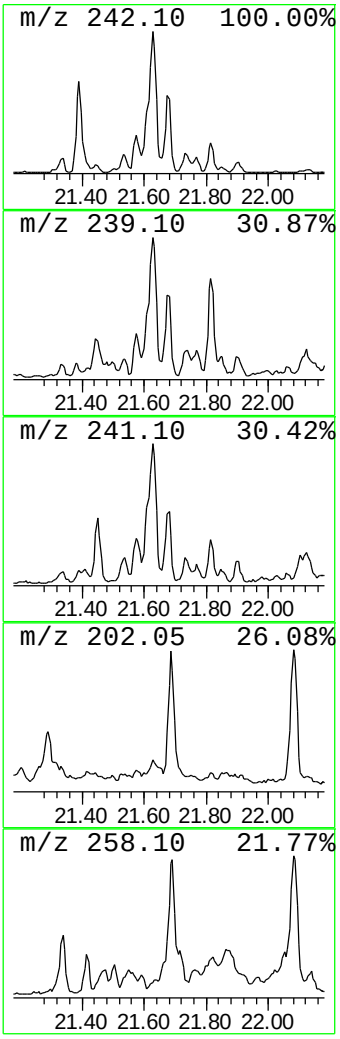
****

Peak Number 27 Benz[a]anthracene, 7-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.88 ng/ul	1244700	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	70
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	64
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

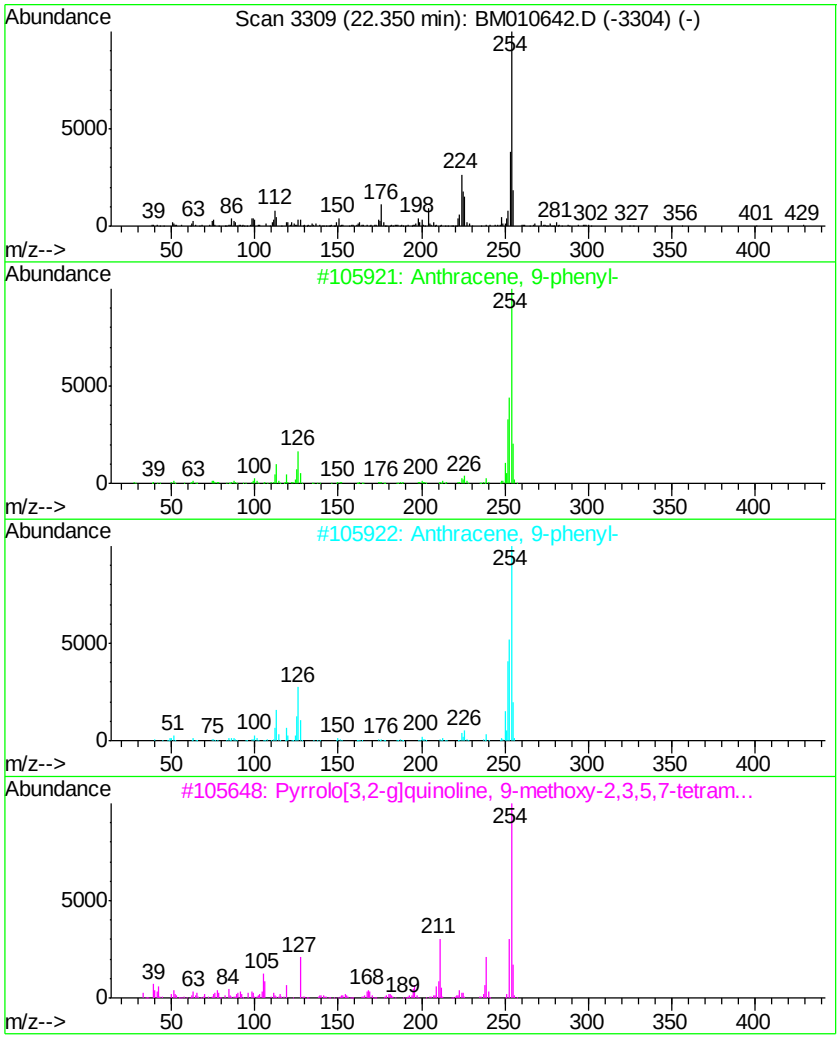
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

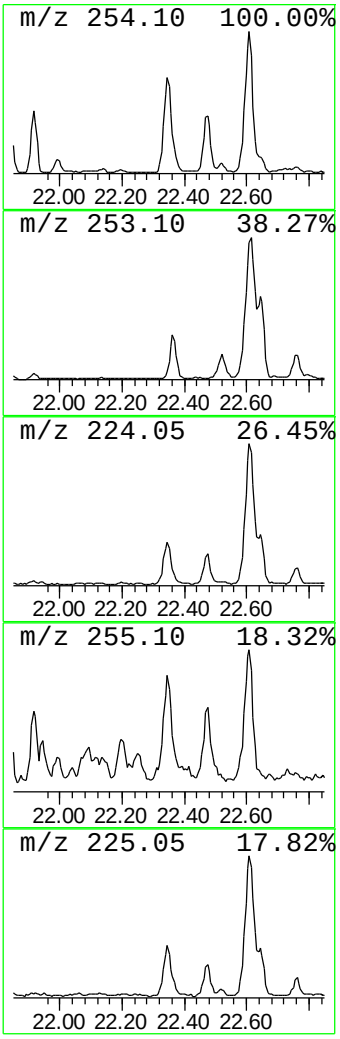
****

Peak Number 28 Anthracene, 9-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	20.60 ng/ul	1335540	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
3	Pyrrolo[3,2-g]quinoline, 9-metho...	254	C16H18N2O	199918-71-3	53
4	6,6'-Biazulene,	254	C20H14	073393-11-0	53
5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

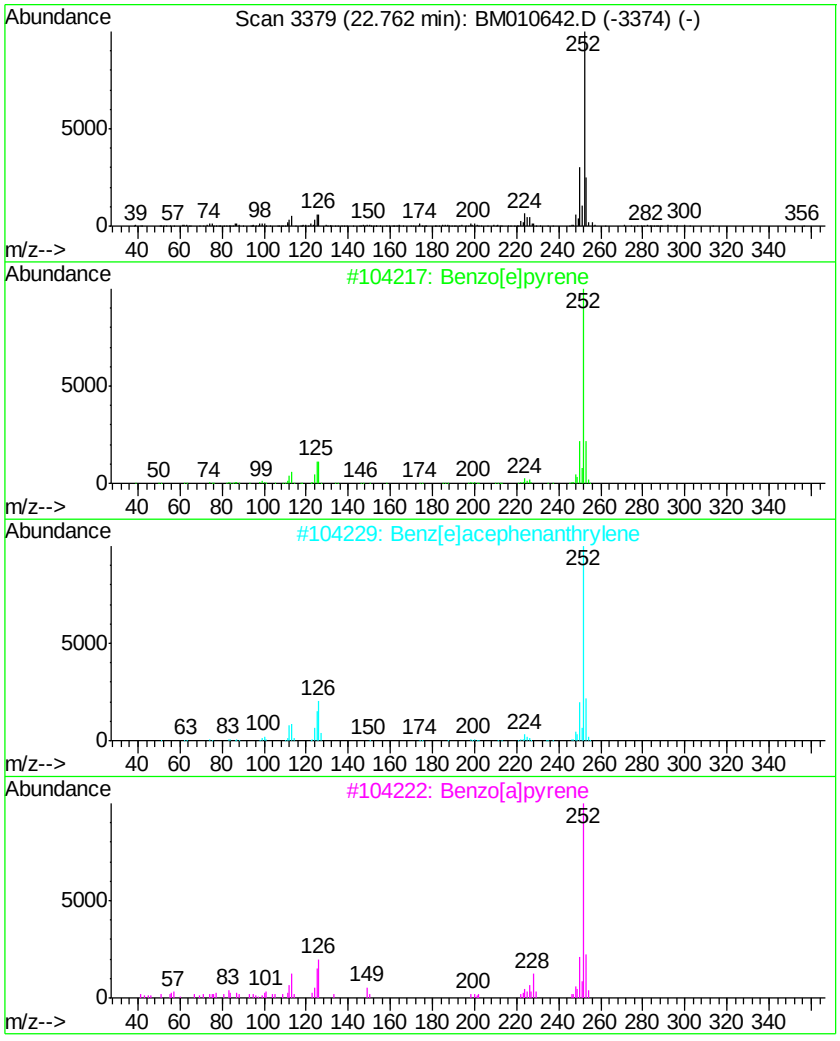
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

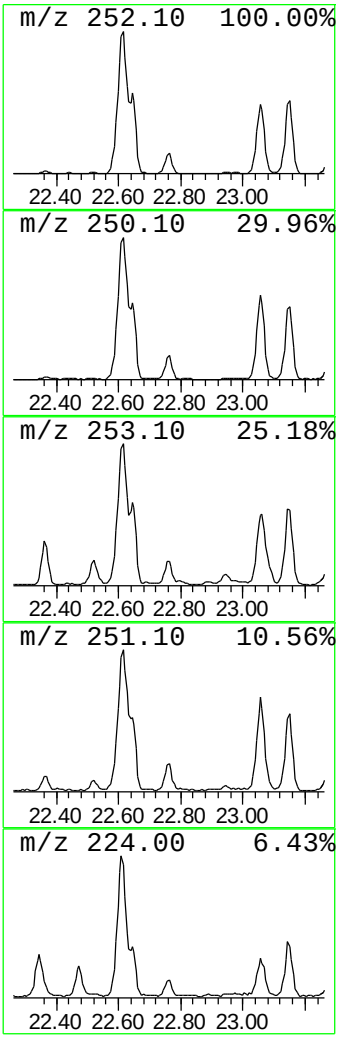
****

Peak Number 29 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	12.08 ng/ul	783002	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	83
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

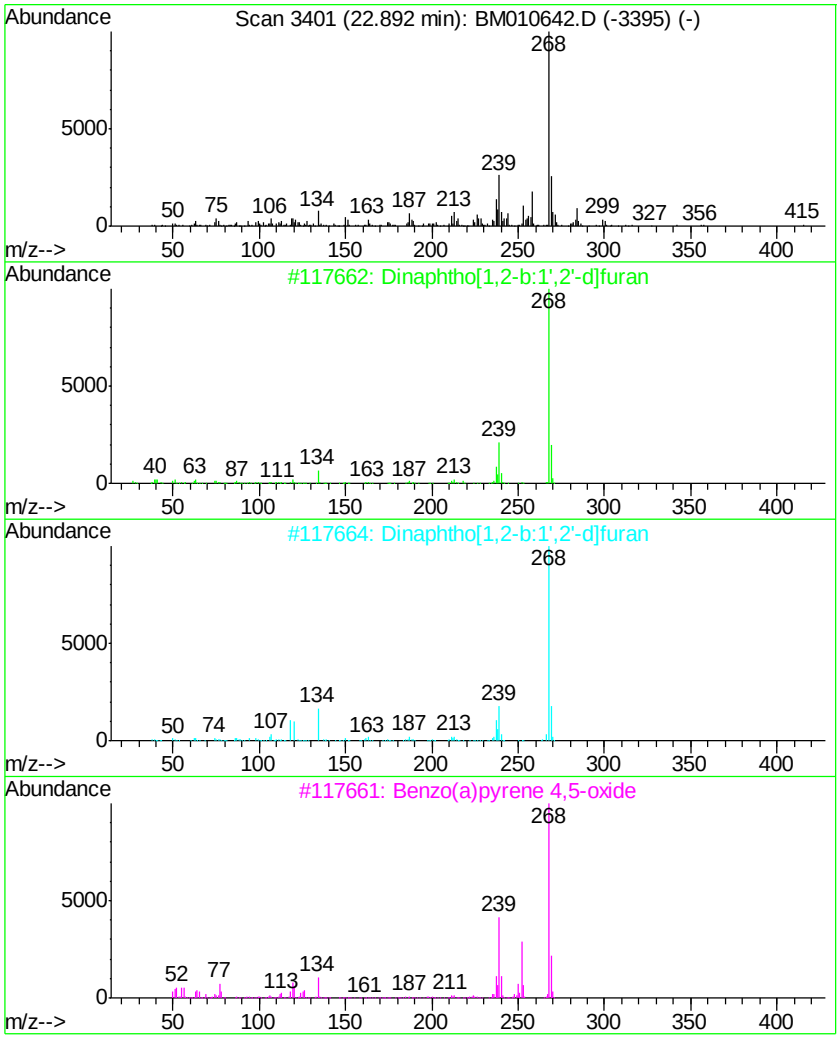
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

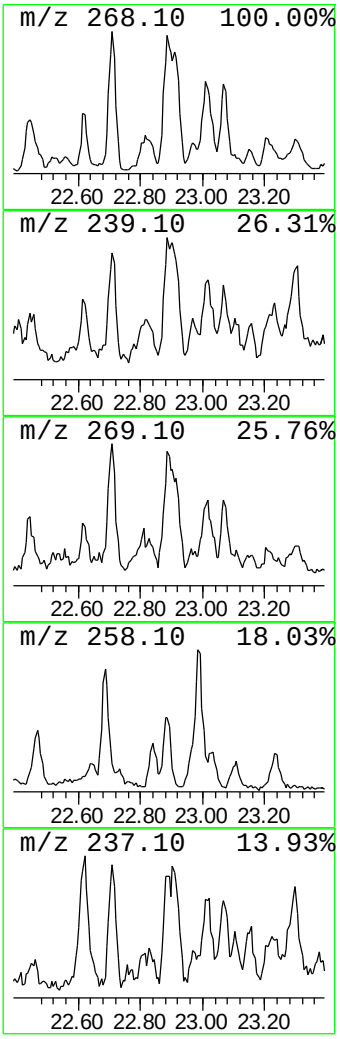
****

Peak Number 30 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	13.97 ng/ul	905806	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
4	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	60
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

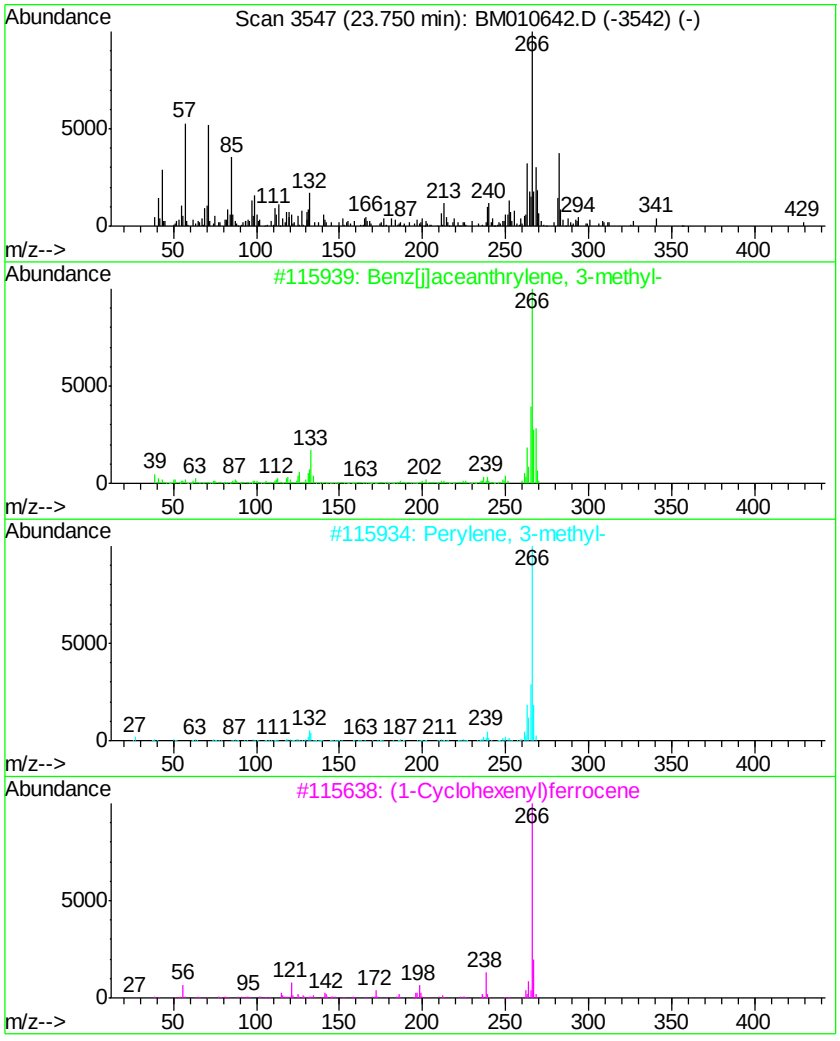
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

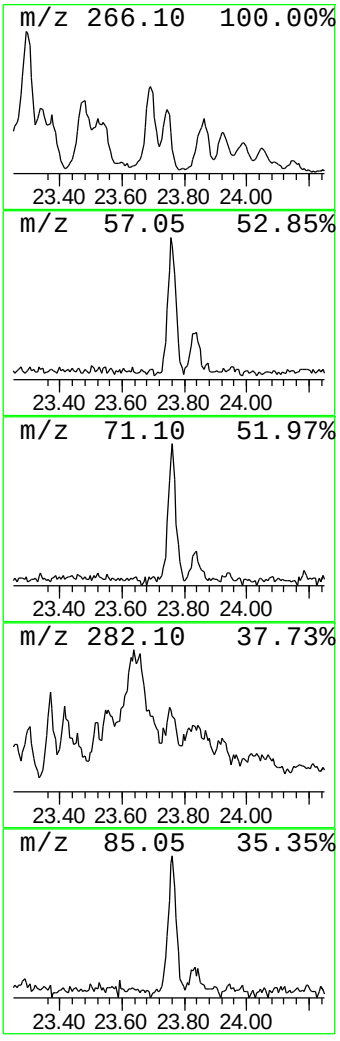
****

Peak Number 31 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	6.26 ng/ul	406072	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	45
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	41
3	(1-Cyclohexenyl)ferrocene	266	C16H18Fe	033183-07-2	38
4	4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	37
5	Uleine, 1,13-dihydro-13-hydroxy-	284	C18H24N2O	004532-71-2	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

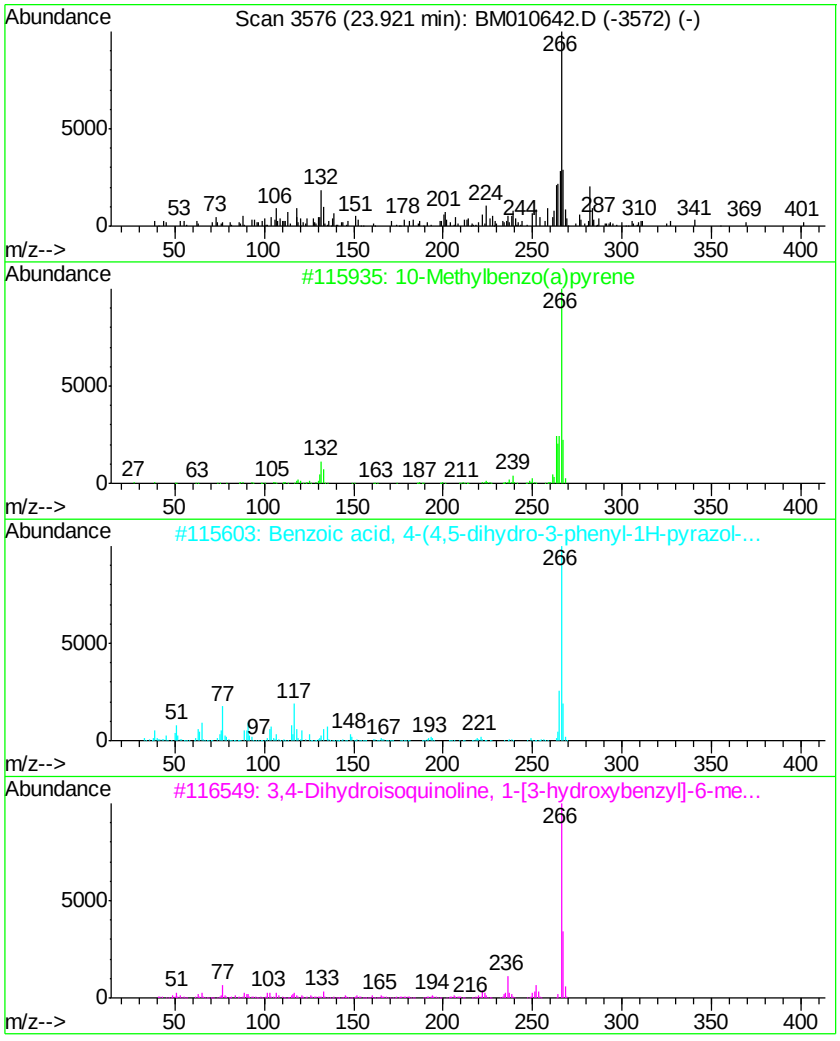
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

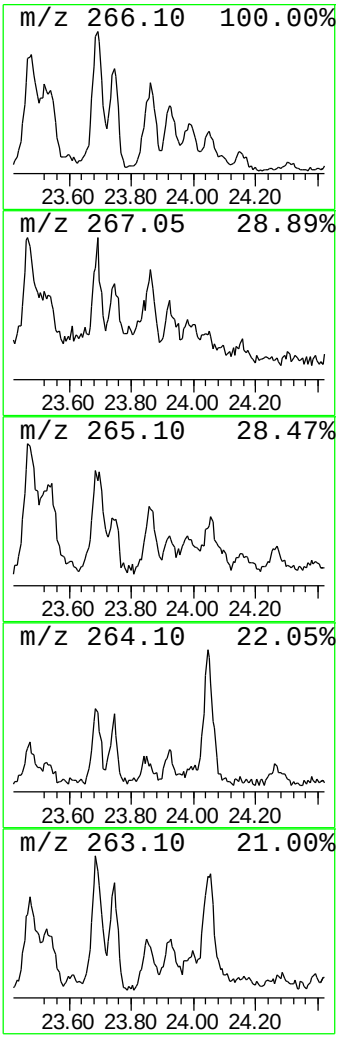
****

Peak Number 32 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.40 ng/ul	155459	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	49
2	Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	47
3	3,4-Dihydroisoquinoline, 1-[3-hy...	267	C17H17NO2	084375-15-5	43
4	5-(p-Dimethylaminocinnamoyl)-2-m...	266	C17H18N2O	004625-19-8	43
5	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010642.D
Acq On : 22 Jun 2017 02:39
Operator : SJ/JU
Sample : I3558-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1(2H)-Acenaphthyl...	15.84	2.0	ng/ul	154741	4	16.87	1508560	20.0
Phenanthrene, 1-m...	17.74	2.3	ng/ul	175742	4	16.87	1508560	20.0
1H-Cyclopropa[l]p...	17.80	8.1	ng/ul	611077	4	16.87	1508560	20.0
Anthracene, 1-met...	17.93	4.9	ng/ul	371722	4	16.87	1508560	20.0
9-Phenanthrenol	18.14	2.1	ng/ul	159597	4	16.87	1508560	20.0
Naphthalene, 2-ph...	18.26	2.2	ng/ul	168976	4	16.87	1508560	20.0
Benzo[c]cinnoline	18.29	6.2	ng/ul	465710	4	16.87	1508560	20.0
di-p-Tolylacetylene	18.50	2.4	ng/ul	183443	4	16.87	1508560	20.0
Phenanthrene, 2,7...	18.74	2.5	ng/ul	191959	4	16.87	1508560	20.0
Cyclopenta(def)ph...	18.82	8.7	ng/ul	656642	4	16.87	1508560	20.0
4-Azapyrene	19.55	2.4	ng/ul	1015390	5	21.09	8646290	20.0
Pyrene, 1-methyl-	19.64	3.7	ng/ul	1611530	5	21.09	8646290	20.0
Pyrene, 2-methyl-	19.97	4.6	ng/ul	1980430	5	21.09	8646290	20.0
11H-Benzo[a]fluor...	20.57	4.7	ng/ul	2039040	5	21.09	8646290	20.0
Benzo[b]naphtho[2...	20.73	4.0	ng/ul	1739780	5	21.09	8646290	20.0
Benzo[c]phenanthrene	20.77	2.5	ng/ul	1089440	5	21.09	8646290	20.0
Cyclopenta[cd]pyrene	20.81	4.2	ng/ul	1820230	5	21.09	8646290	20.0
Naphtho[2,1,8,7-k...	21.39	2.1	ng/ul	897801	5	21.09	8646290	20.0
Triphenylene, 2-m...	21.63	4.0	ng/ul	1744170	5	21.09	8646290	20.0
Benz[a]anthracene...	21.68	2.9	ng/ul	1244700	5	21.09	8646290	20.0
Anthracene, 9-phe...	22.35	20.6	ng/ul	1335540	6	23.24	1296830	20.0
Benzo[e]pyrene	22.76	12.1	ng/ul	783002	6	23.24	1296830	20.0
Dinaphtho[1,2-b:1...	22.89	14.0	ng/ul	905806	6	23.24	1296830	20.0
unknown-01	23.75	6.3	ng/ul	406072	6	23.24	1296830	20.0
unknown-02	23.92	2.4	ng/ul	155459	6	23.24	1296830	20.0