LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

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-BM113017.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	3.728	104	109	112	rBV	97521	129359	1.76%	0.120%
2	4.834	293	297	303	rVB3	72748	110676	1.51%	0.103%
3	6.851	633	640	655	rVB	768542	1350241	18.40%	1.255%
4	7.016	662	668	678	rBV	598652	915486	12.48%	0.851%
5	7.210	694	701	711	rBV	786320	1238549	16.88%	1.151%
6	7.675	773	780	787	rBV	1135912	1794829	24.46%	1.668%
7	8.204	865	870	877	rBV2	43125	79074	1.08%	0.073%
8	8.381	893	900	910	rBV	932985	1535920	20.93%	1.427%
9	8.828	969	976	982	rBV	796143	1310581	17.86%	1.218%
10	9.545	1090	1098	1106	rBV	680670	1143287	15.58%	1.062%
11	10.080	1179	1189	1200	rBV	967282	1711048	23.32%	1.590%
12	10.451	1244	1252	1258	rBV	1629670	2700053	36.80%	2.509%
13	10.592	1268	1276	1289	rBV	619996	1170083	15.95%	1.087%
14	13.733	1803	1810	1814	rBV	1810719	2554075	34.81%	2.373%
15	13.774	1814	1817	1825	rVB	354337	526604	7.18%	0.489%
16	14.010	1847	1857	1861	rBV	1979718	3247751	44.26%	3.018%
17	14.221	1887	1893	1896	rBV	67533	85384	1.16%	0.079%
18	14.315	1901	1909	1916	rVV2	2294660	3560215	48.52%	3.308%
19	14.533	1939	1946	1956	rBV2	520071	914944	12.47%	0.850%
20	15.180	2052	2056	2061	rVB3	97791	135474	1.85%	0.126%
21	15.315	2072	2079	2084	rBV	2488651	3581379	48.81%	3.328%
22	15.368	2084	2088	2095	rVB5	43563	77425	1.06%	0.072%
23	15.445	2095	2101	2108	rBV	547388	803788	10.95%	0.747%
24	16.045	2197	2203	2215	rBV4	199955	424335	5.78%	0.394%
25	16.645	2294	2305	2308	rBV5	71724	167363	2.28%	0.156%
26	16.721	2312	2318	2329	rVV	1587151	2421299	33.00%	2.250%
27	16.833	2333	2337	2342	rVV3	124415	193684	2.64%	0.180%
28	16.886	2342	2346	2350	rVB2	86384	118832	1.62%	0.110%
29	17.068	2370	2377	2381	rBV2	2737709	3987341	54.34%	3.705%
30	17.109	2381	2384	2388	rVV	324852	446783	6.09%	0.415%
31	17.162	2388	2393	2397	rVV2	2442212	3604948	49.13%	3.350%
32	17.198	2397	2399	2404	rVV	786564	939208	12.80%	0.873%
33	17.256	2405	2409	2415	rVB4	53251	90947	1.24%	0.085%
34	17.474	2441	2446	2456	rVB	179667	318062	4.33%	0.296%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

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-BM113017.M
Title : SVOA CALIBRATION

35	17.574	2459	2463	2469	rVB2	98142	156087	2.13%	0.145%
36	17.680	2478	2481	2485	rVB2	131177	154032	2.10%	0.143%
37	17.745	2489	2492	2497	rVB4	64709	92079	1.25%	0.086%
38	17.968	2527	2530	2541	rVB2	230664	400594	5.46%	0.372%
39	18.068	2543	2547	2552	rVV	157377	220134	3.00%	0.205%
40	18.139	2554	2559	2571	rVB2	144725	348957	4.76%	0.324%
41	18.262	2576	2580	2583	rBV5	134918	174004	2.37%	0.162%
42	18.339	2589	2593	2598	rBV2	152631	225580	3.07%	0.210%
43	18.486	2614	2618	2625	rVB	337374	477940	6.51%	0.444%
44	18.692	2650	2653	2656	rVB5	80953	86801	1.18%	0.081%
45	18.868	2679	2683	2686	rBV4	102322	196760	2.68%	0.183%
46	19.009	2702	2707	2712	rBV	283241	412721	5.63%	0.384%
47	19.127	2722	2727	2734	rVB	2626163	3404142	46.40%	3.163%
48	19.192	2735	2738	2742	rBV2	94691	148033	2.02%	0.138%
49	19.462	2779	2784	2787	rBV2	2769513	4185107	57.04%	3.889%
50	19.492	2787	2789	2797	rVV	2551063	3285689	44.78%	3.053%
51	19.568	2798	2802	2808	rVB4	203560	349362	4.76%	0.325%
52	19.674	2816	2820	2825	rBV	182080	320938	4.37%	0.298%
53	19.733	2827	2830	2835	rVB	325193	474550	6.47%	0.441%
54	19.827	2840	2846	2851	rBV4	451842	1018614	13.88%	0.947%
55	20.092	2887	2891	2894	rVB2	301694	355867	4.85%	0.331%
56	20.144	2894	2900	2905	rBV2	607512	1179174	16.07%	1.096%
57	20.186	2905	2907	2911	rVB2	174233	183568	2.50%	0.171%
58	20.286	2920	2924	2928	rBV	435744	686326	9.35%	0.638%
59	20.503	2958	2961	2965	rBV3	160359	165123	2.25%	0.153%
60	20.550	2965	2969	2978	rBV7	122542	383953	5.23%	0.357%
61	20.650	2984	2986	2990	rVB4	131929	145191	1.98%	0.135%
62	20.739	2997	3001	3007	rBV	667391	912553	12.44%	0.848%
63	20.903	3024	3029	3033	rBV3	605922	912186	12.43%	0.848%
64	20.944	3033	3036	3038	rVV	467351	543637	7.41%	0.505%
65	20.980	3038	3042	3047	rVB2	954912	1335538	18.20%	1.241%
66	21.256	3079	3089	3093	rBV2	3173361	7226358	98.49%	6.715%
67	21.297	3093	3096	3102	rVB	5274428	6507149	88.69%	6.047%
68	21.562	3138	3141	3147	rVB2	344948	509315	6.94%	0.473%
69	21.621	3147	3151	3154	rBV3	256414	352582	4.81%	0.328%
70	21.750	3170	3173	3175	rBV2	204284	266759	3.64%	0.248%
71	21.809	3180	3183	3187	rVV	506496	625367	8.52%	0.581%

LSC Area Percent Report

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Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

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 >
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

72	21.856	3188	3191	3198	rVB2	360942	643985	8.78%	0.598%
73	21.927	3200	3203	3211	rVB2	236243	395650	5.39%	0.368%
74	22.003	3212	3216	3218	rBV	217479	284563	3.88%	0.264%
75	22.280	3260	3263	3269	rBV2	231435	380342	5.18%	0.353%
76	22.556	3306	3310	3320	rVB4	256852	656108	8.94%	0.610%
77	22.821	3348	3355	3360	rBV	3289995	7337252	100.00%	6.818%
78	22.985	3379	3383	3389	rVB	389281	610500	8.32%	0.567%
79	23.115	3402	3405	3416	rBV3	198701	400803	5.46%	0.372%
80	23.291	3430	3435	3440	rBV	1347353	2439013	33.24%	2.266%
81	23.344	3440	3444	3448	rVV	1143094	2090861	28.50%	1.943%
82	23.385	3448	3451	3458	rVB	1221902	2036522	27.76%	1.892%
83	23.480	3461	3467	3472	rVV	1288600	2484476	33.86%	2.309%
84	23.532	3473	3476	3488	rVB2	479095	950221	12.95%	0.883%
85	25.474	3802	3806	3815	rVB5	246024	579230	7.89%	0.538%
86	25.715	3839	3847	3861	rVB2	791445	3282621	44.74%	3.050%
87	26.397	3954	3963	3975	rBV2	414635	1229055	16.75%	1.142%

Sum of corrected areas: 107612999

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
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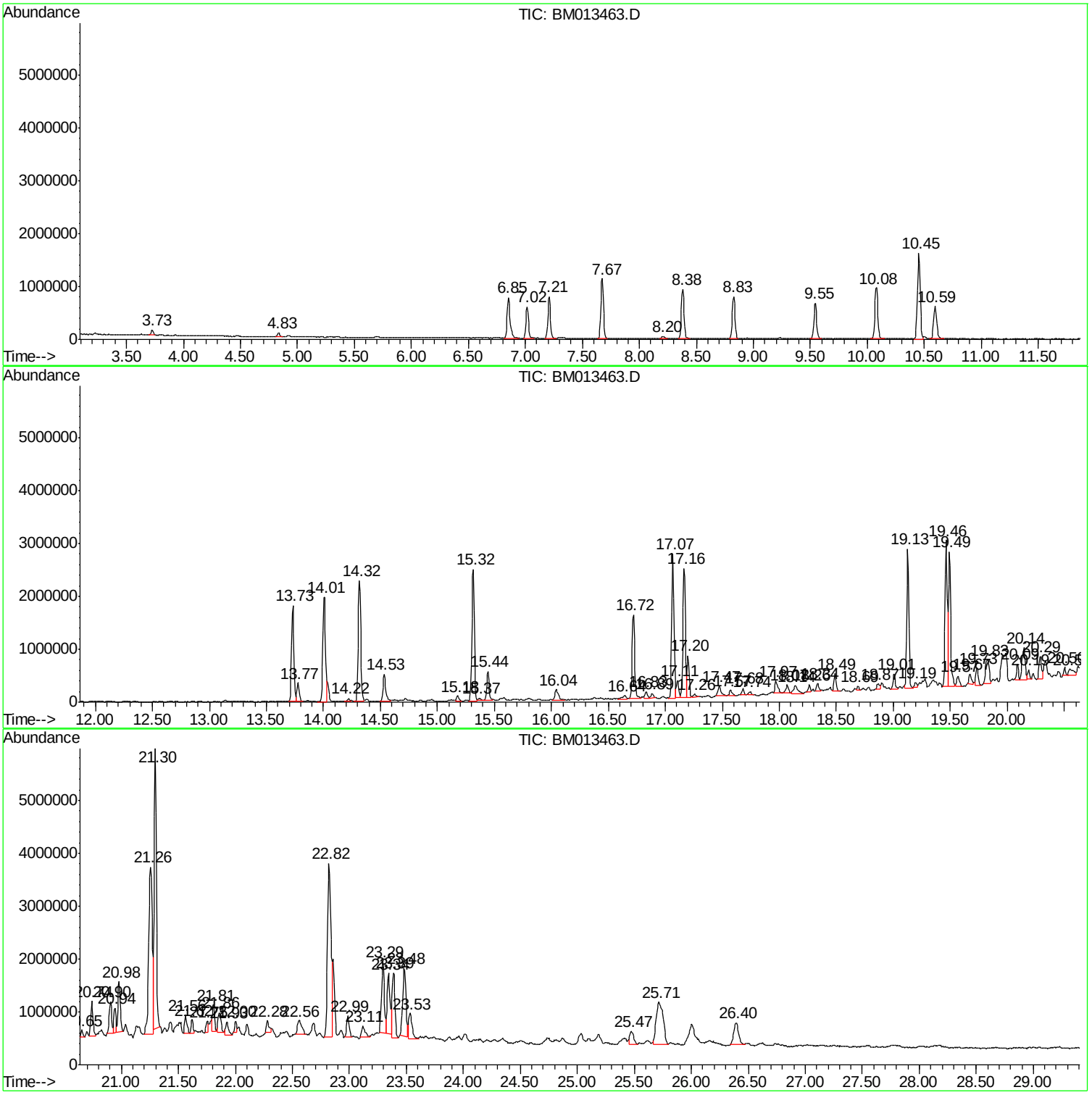
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

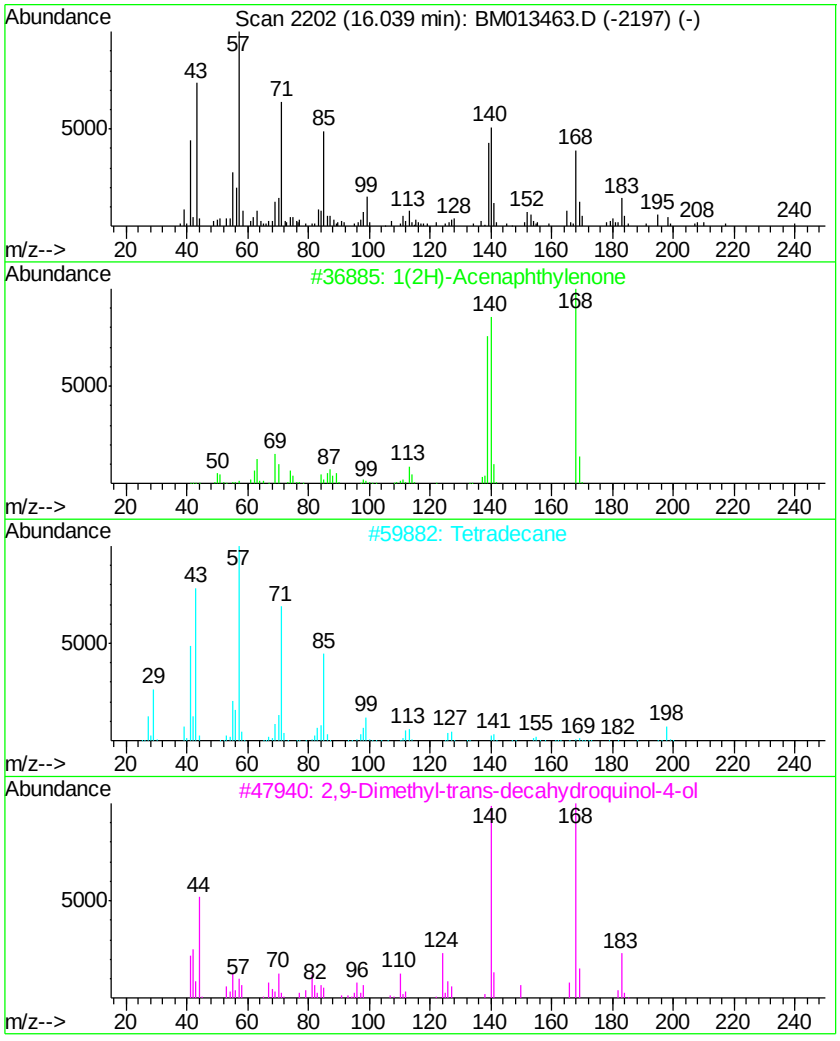
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

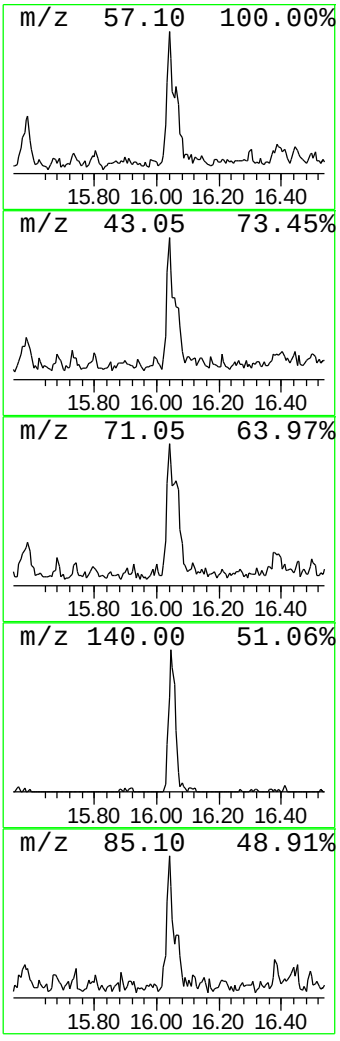
****

Peak Number 1 1(2H)-Acenaphthylenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.13 ng/ul	424335	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	64
2	Tetradecane	198	C14H30	000629-59-4	59
3	2,9-Dimethyl-trans-decahydroquin...	183	C11H21NO	064292-47-3	45
4	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	41
5	Tridecane	184	C13H28	000629-50-5	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

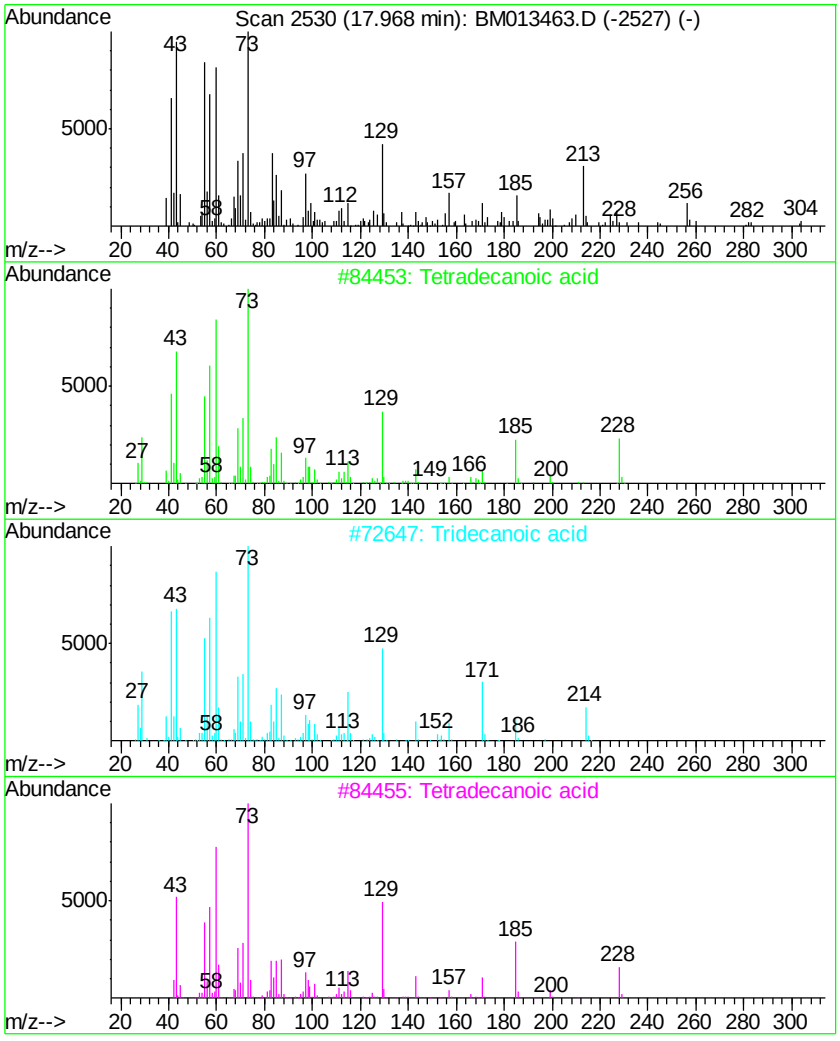
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

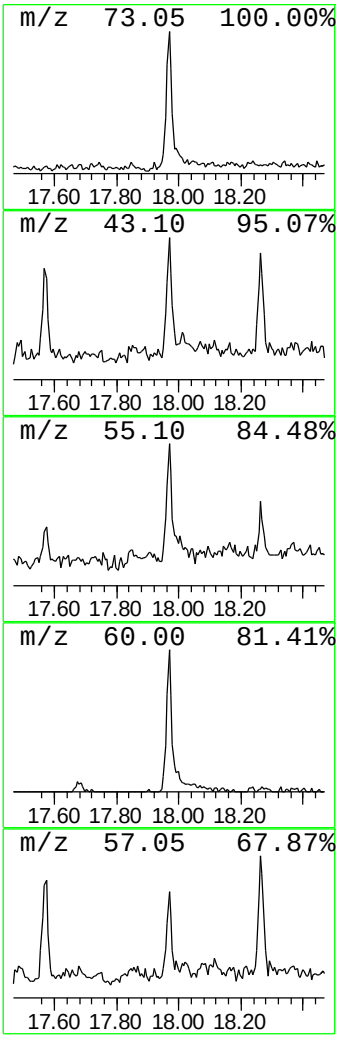
****

Peak Number 2 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.01 ng/ul	400594	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

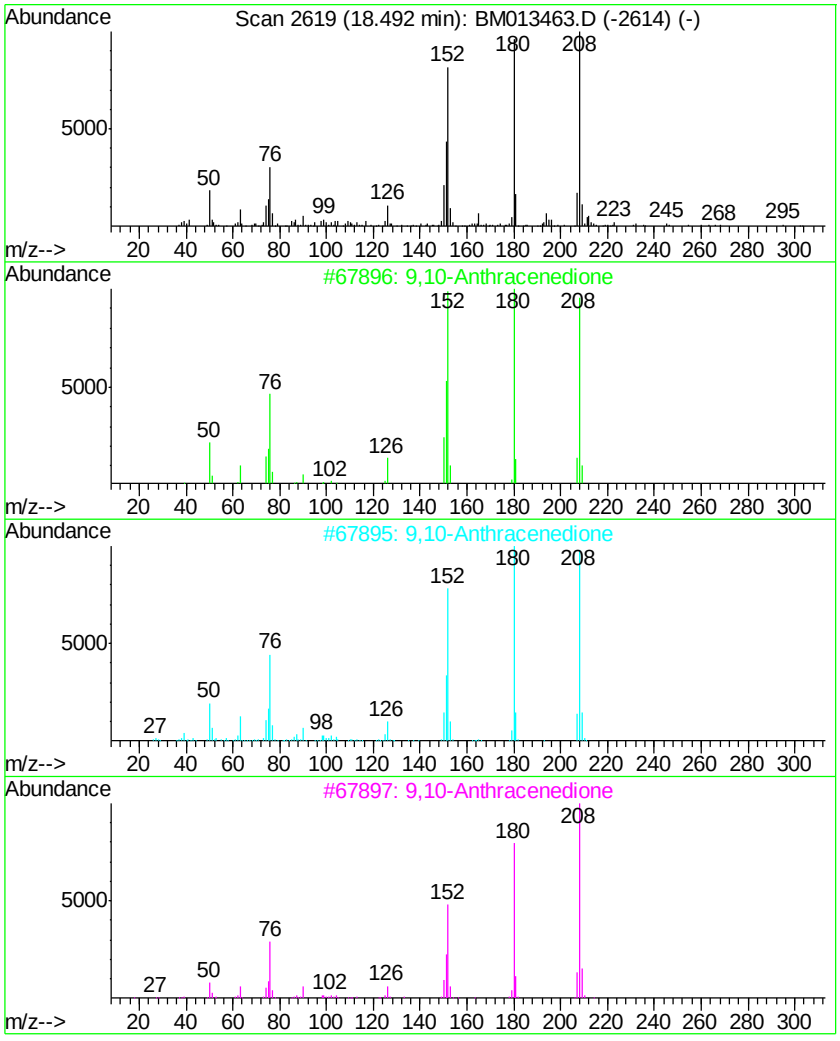
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

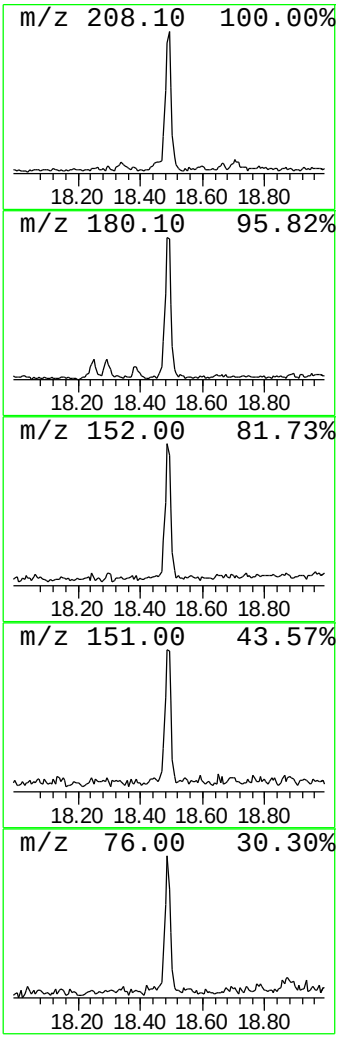
****

Peak Number 3 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.40 ng/ul	477940	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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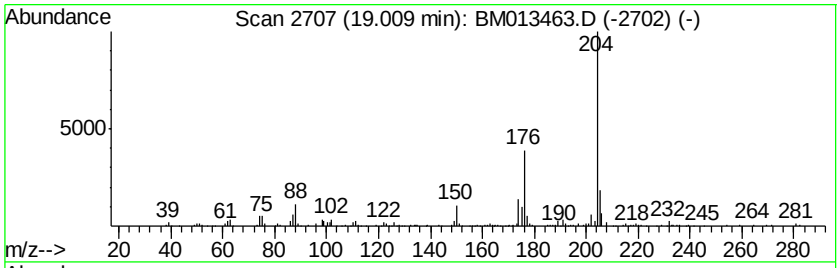
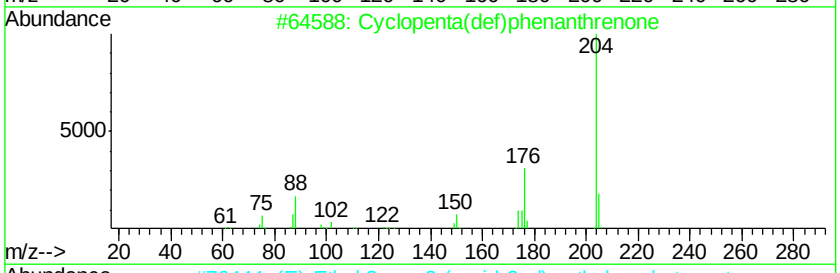
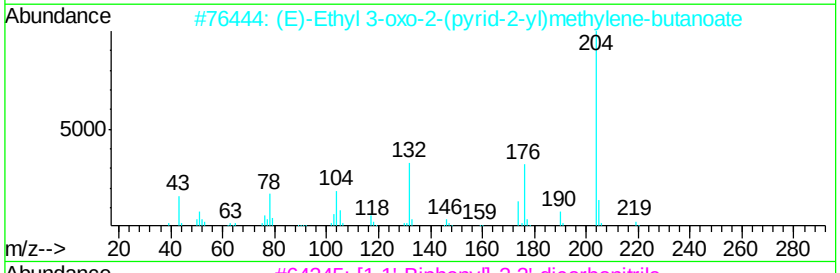
Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 13

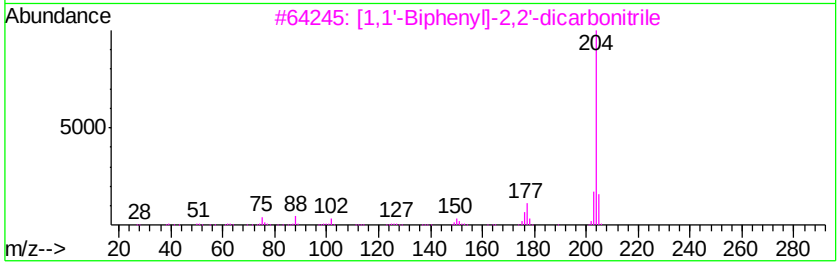
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.07 ng/ul	412721	Phenanthrene-d10	17.07

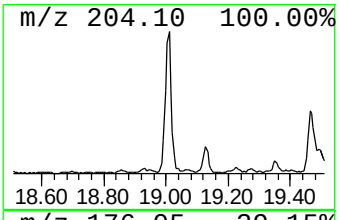
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	64
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47

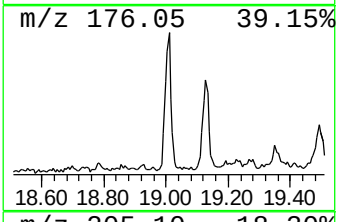


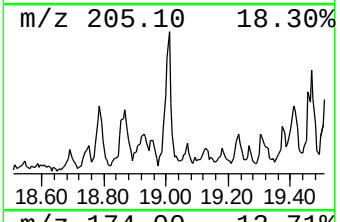


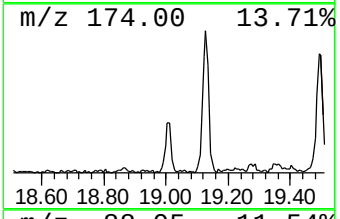


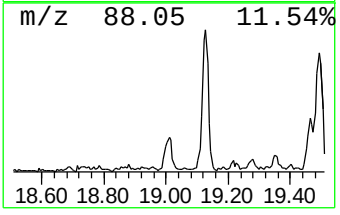












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Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

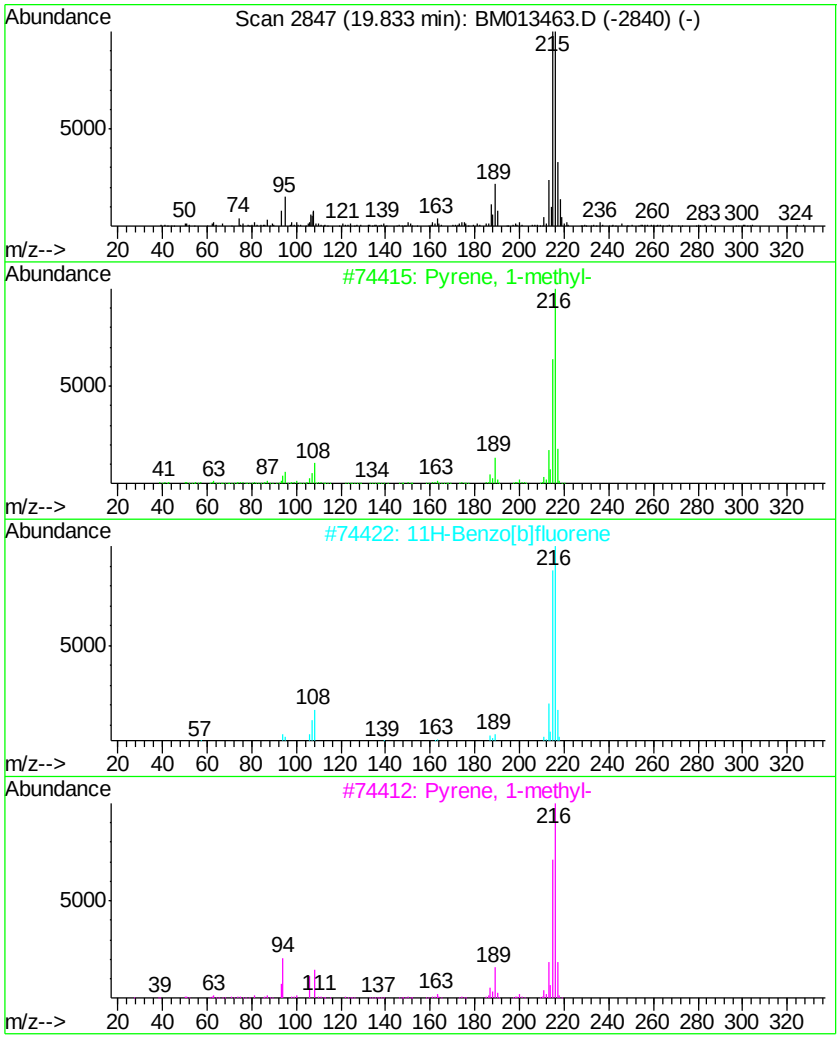
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

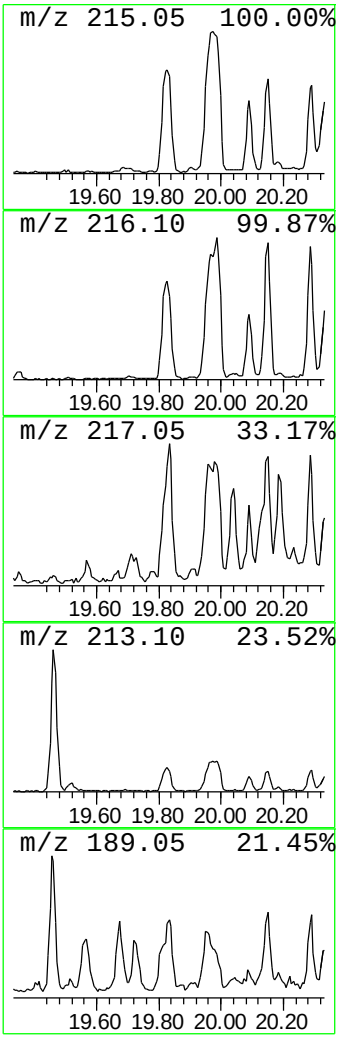
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.82 ng/ul	1018610	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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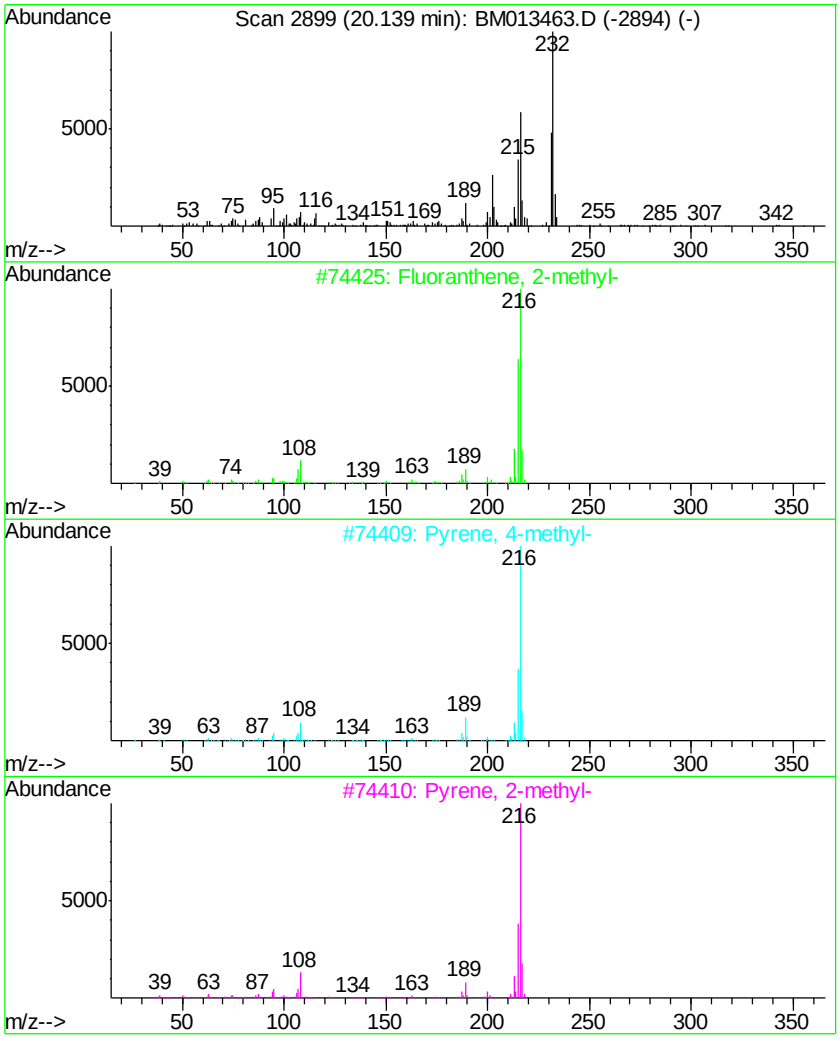
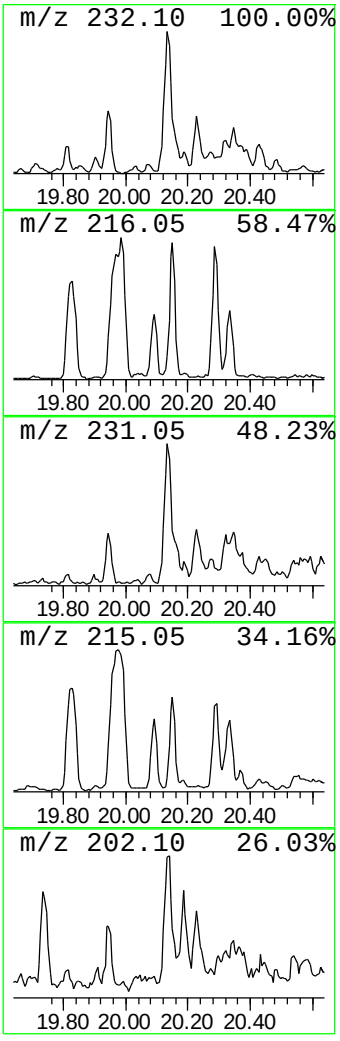
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	3.26 ng/ul	1179170	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60





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Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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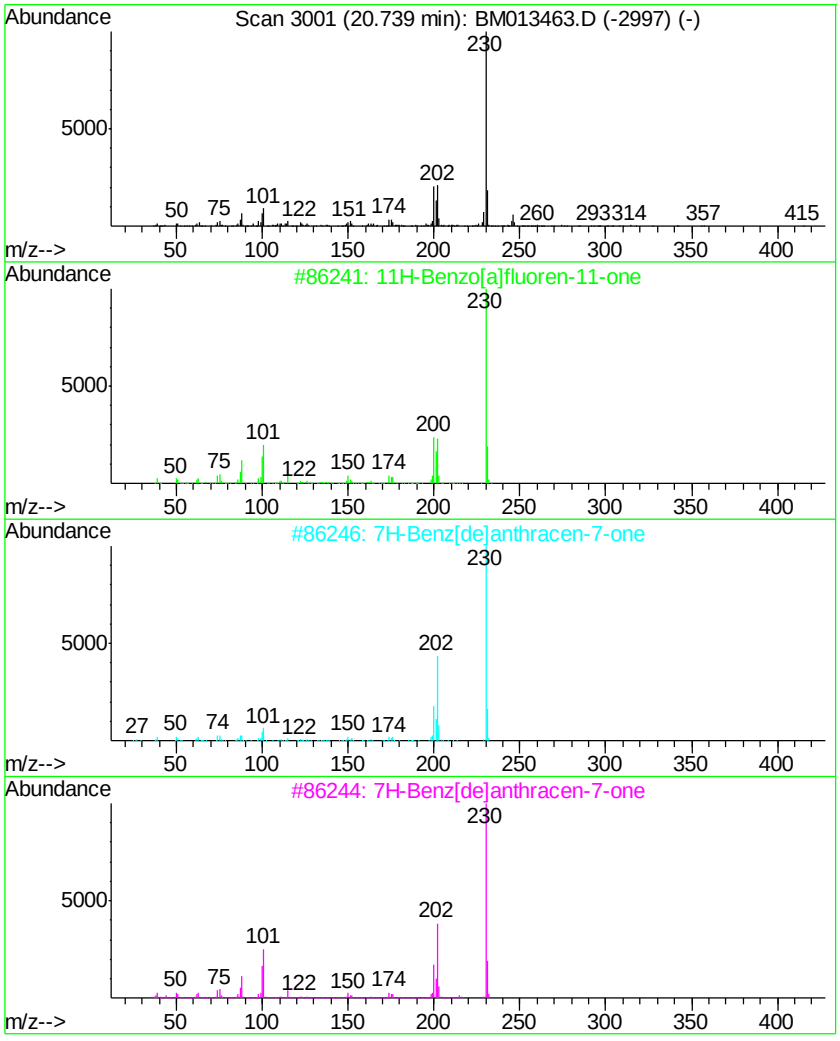
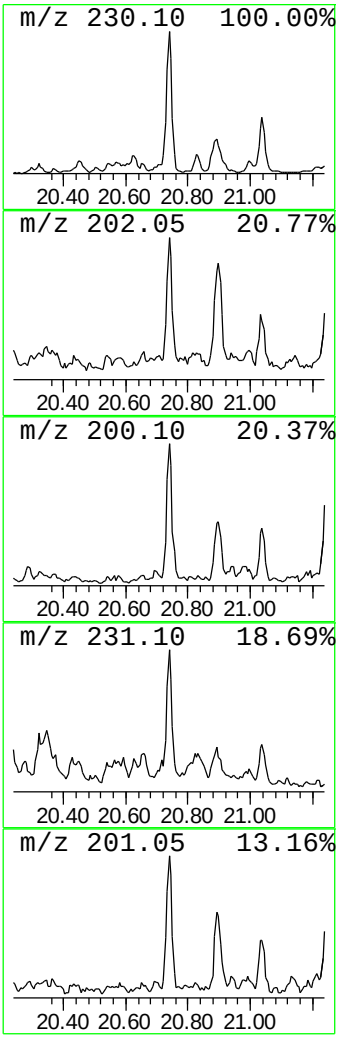
Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.53 ng/ul	912553	Chrysene-d12	21.26

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	76
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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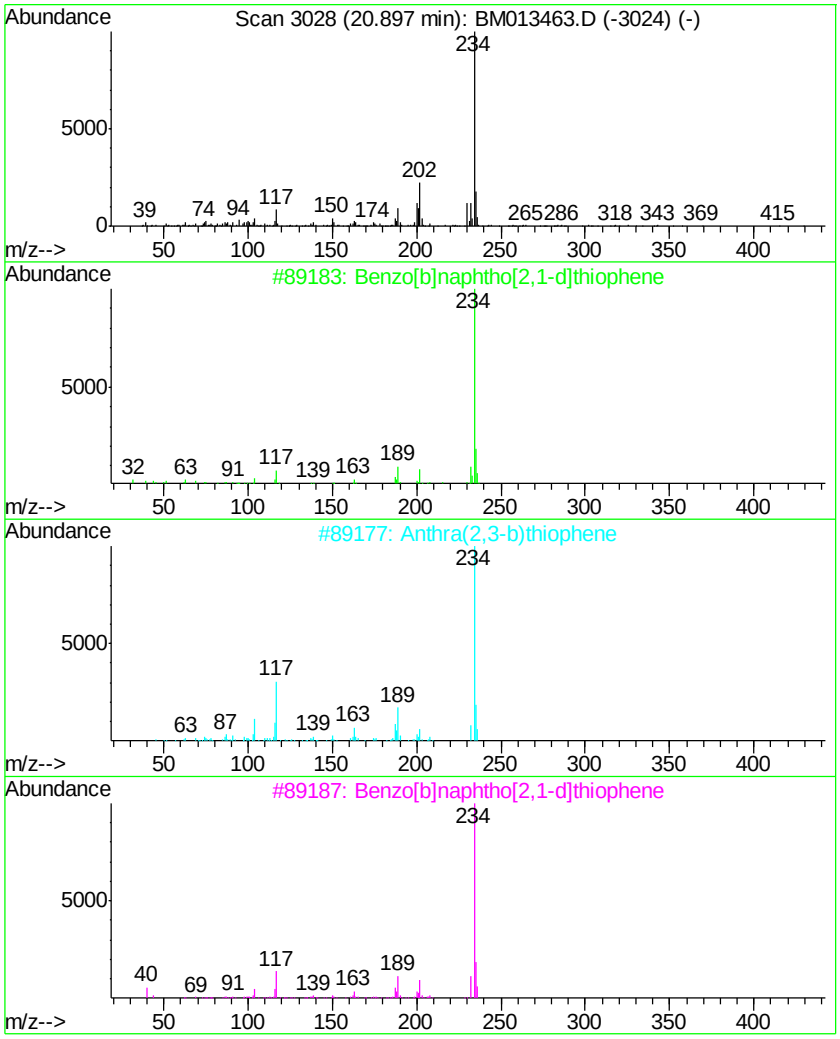
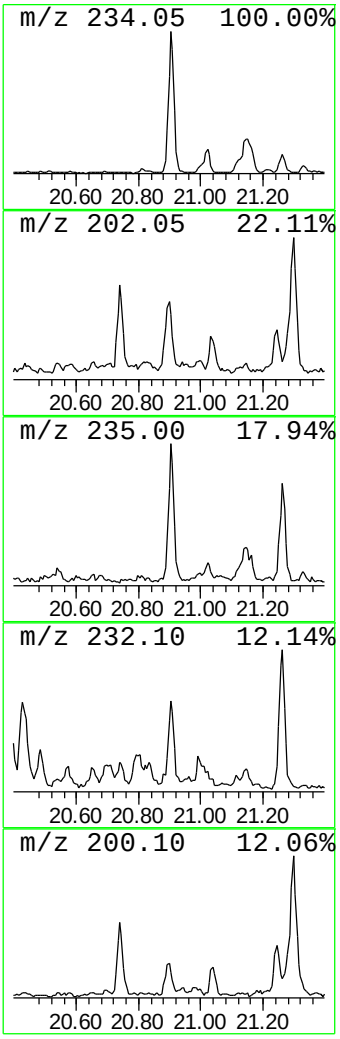
Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.52 ng/ul	912186	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91





Library Search Compound Report

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Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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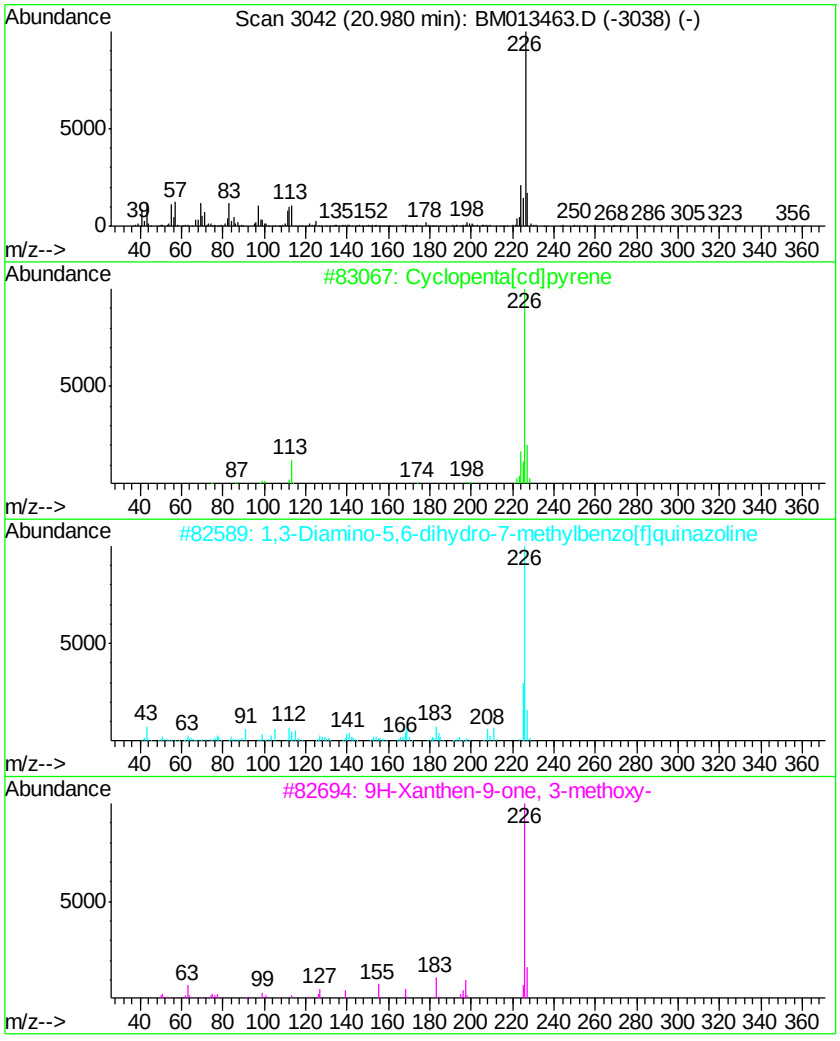
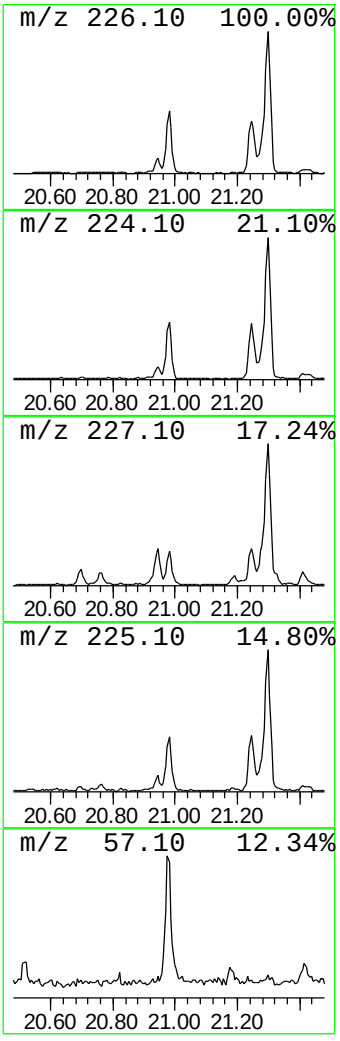
Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	3.70 ng/ul	1335540	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	50
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43





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Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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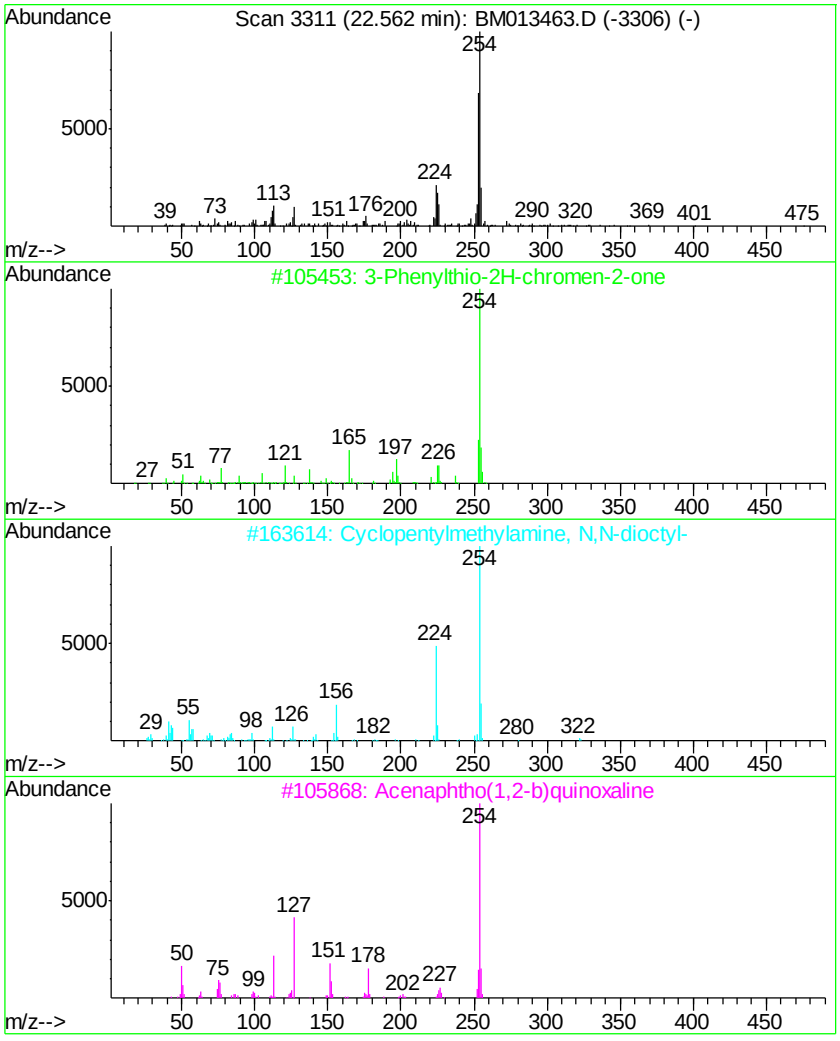
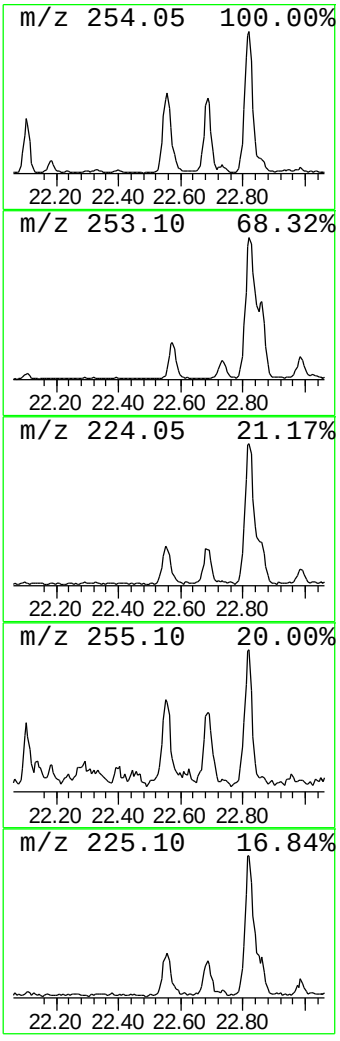
Peak Number 10 3-Phenylthio-2H-chromen-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	5.28 ng/ul	656108	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	59
2	Cyclopentylmethylamine, N,N-dioc...	323	C22H45N	1000310-50-1	53
3	Acenaphtho(1,2-b)quinoxaline	254	C18H10N2	000207-11-4	53
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	52
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	50





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Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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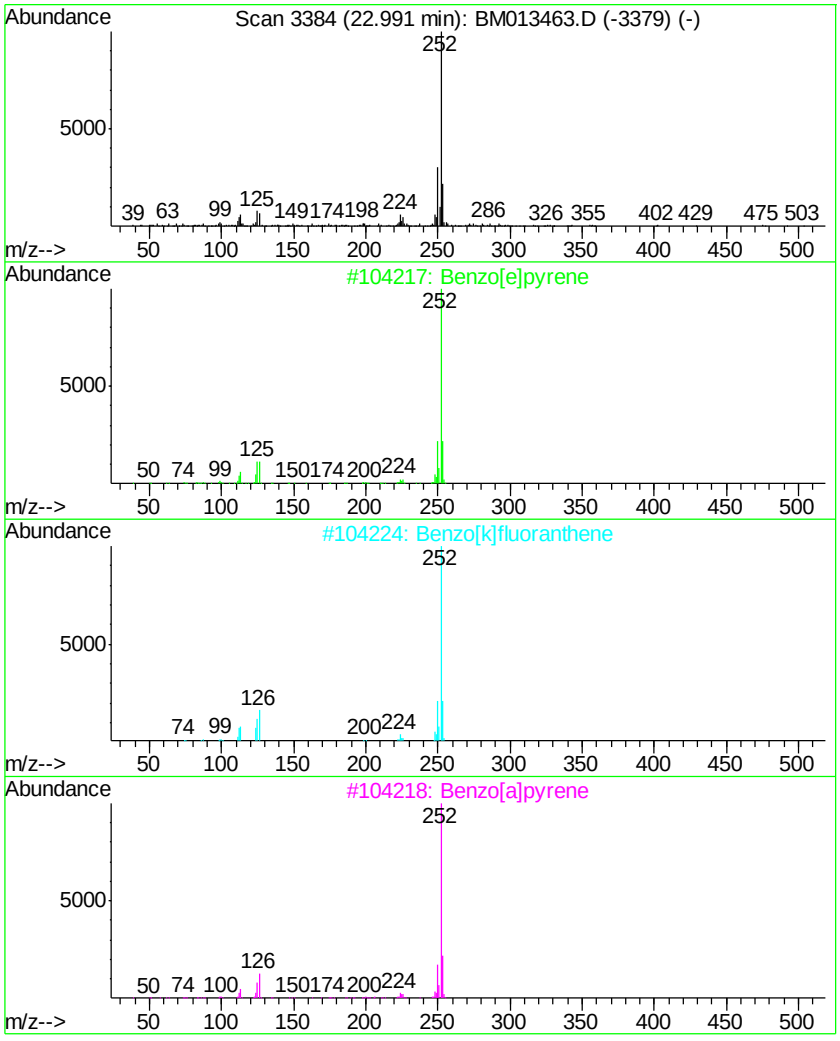
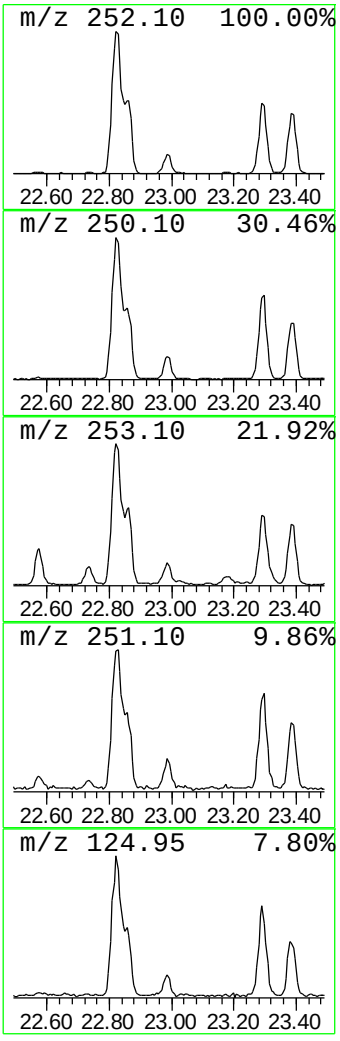
Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	4.91 ng/ul	610500	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





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Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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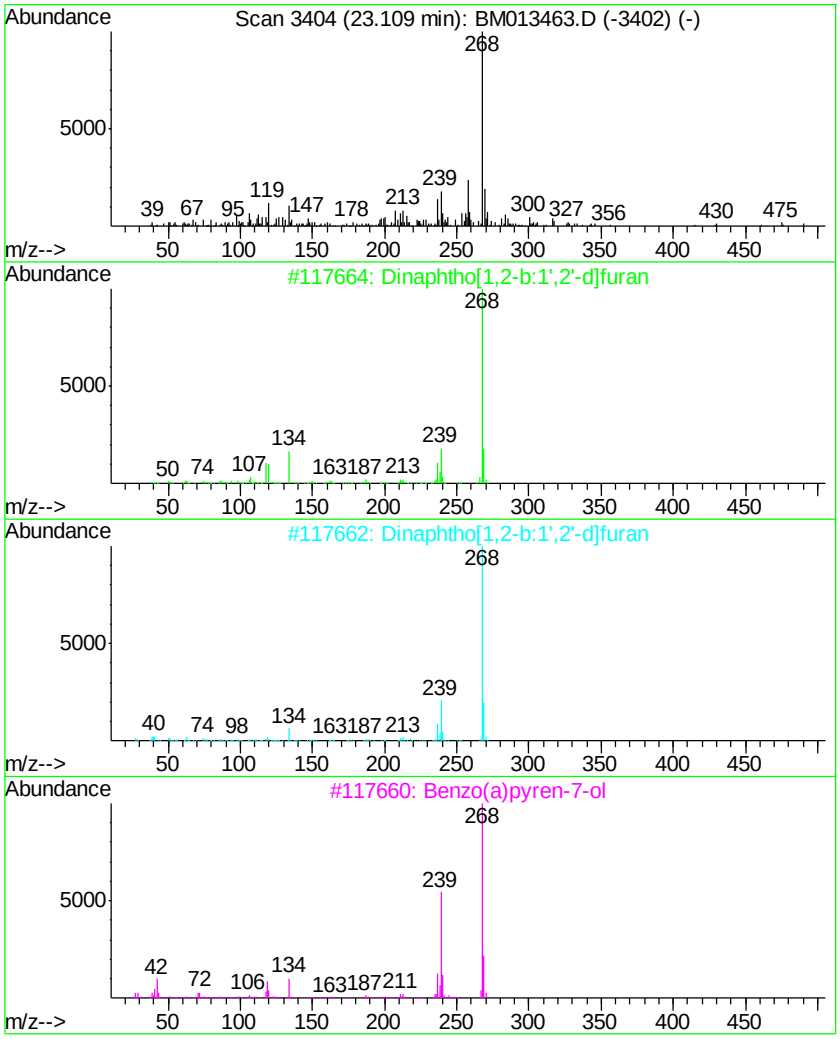
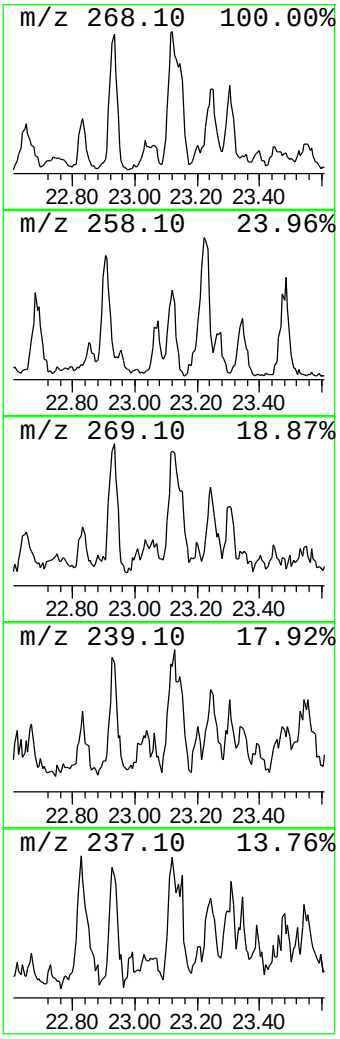
Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	3.23 ng/ul	400803	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	59
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	53
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
5	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	52





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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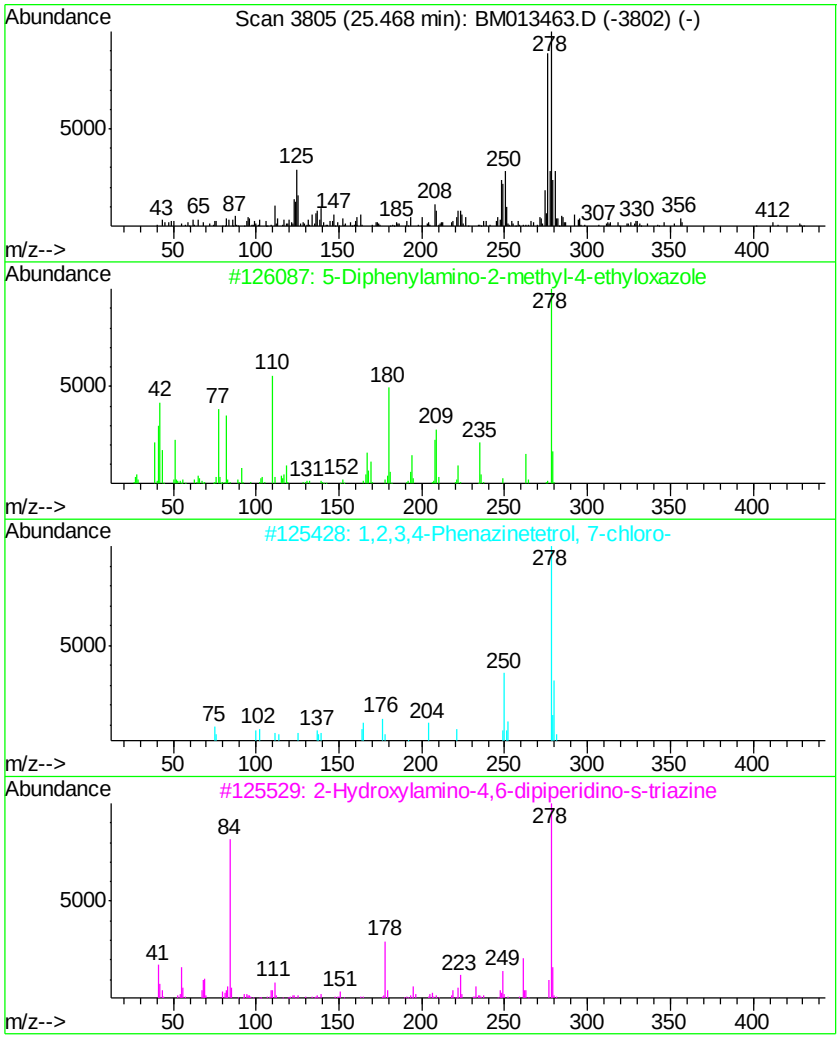
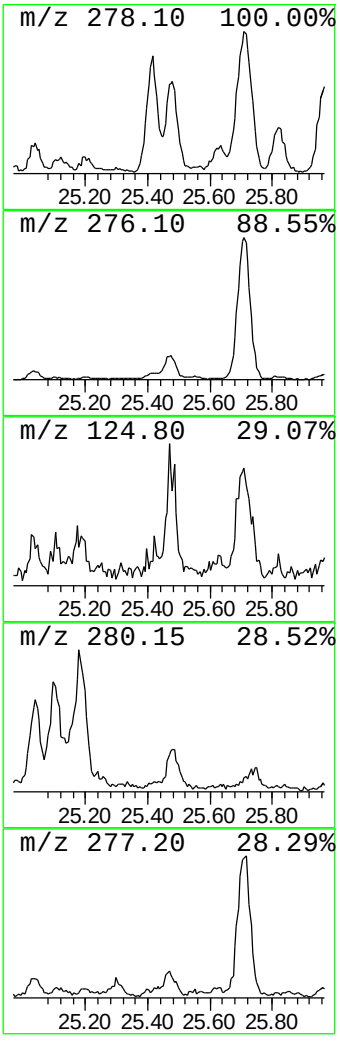
Peak Number 14 5-Diphenylamino-2-methyl-4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.47	4.66 ng/ul	579230	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Diphenylamino-2-methyl-4-ethyl...	278	C18H18N2O	066927-32-0	60
2	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	41
3	2-Hydroxylamino-4,6-dipiperidino...	278	C13H22N6O	092107-84-1	38
4	Indeno[2,1-b]pyran, 2-(4-chlorop...	278	C18H11ClO	062096-34-8	38
5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	35





Tentatively Identified Compound (LSC) summary

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Data File : BM013463.D
Acq On : 16 Dec 2017 05:51
Operator : SJ/JU
Sample : I6801-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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...	16.04	2.1	ng/ul	424335	4	17.07	3987340	20.0
Tetradecanoic acid	17.97	2.0	ng/ul	400594	4	17.07	3987340	20.0
9,10-Anthracenedione	18.49	2.4	ng/ul	477940	4	17.07	3987340	20.0
Cyclopenta(def)ph...	19.01	2.1	ng/ul	412721	4	17.07	3987340	20.0
Pyrene, 1-methyl-	19.83	2.8	ng/ul	1018610	5	21.26	7226360	20.0
Fluoranthene, 2-m...	20.14	3.3	ng/ul	1179170	5	21.26	7226360	20.0
11H-Benzo[a]fluor...	20.74	2.5	ng/ul	912553	5	21.26	7226360	20.0
Benzo[b]naphtho[2...	20.90	2.5	ng/ul	912186	5	21.26	7226360	20.0
Cyclopenta[cd]pyrene	20.98	3.7	ng/ul	1335540	5	21.26	7226360	20.0
3-Phenylthio-2H-c...	22.56	5.3	ng/ul	656108	6	23.49	2484480	20.0
Benzo[e]pyrene	22.99	4.9	ng/ul	610500	6	23.49	2484480	20.0
Dinaphtho[1,2-b:1...	23.11	3.2	ng/ul	400803	6	23.49	2484480	20.0
5-Diphenylamino-2...	25.47	4.7	ng/ul	579230	6	23.49	2484480	20.0