LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

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\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	6.863	721	727	742	rBV2	160503	412036	3.07%	0.328%
2	7.010	746	752	765	rBV	163438	288245	2.15%	0.230%
3	7.210	780	786	799	rBV	213105	386787	2.88%	0.308%
4	7.663	857	863	875	rBV	521821	901130	6.71%	0.718%
5	8.392	981	987	1001	rBV	198684	438768	3.27%	0.350%
6	8.828	1055	1061	1076	rBV	178392	374585	2.79%	0.299%
7	9.551	1177	1184	1201	rBV	136167	301916	2.25%	0.241%
8	10.110	1273	1279	1303	rBV	144180	441332	3.29%	0.352%
9	10.439	1327	1335	1348	rBV	653127	1178731	8.78%	0.939%
10	10.633	1362	1368	1382	rBV2	48479	155879	1.16%	0.124%
11	13.727	1888	1894	1898	rBV	449497	668620	4.98%	0.533%
12	13.774	1898	1902	1913	rVB	163716	275806	2.05%	0.220%
13	13.998	1933	1940	1952	rBV	546801	856844	6.38%	0.683%
14	14.304	1986	1992	1999	rBV	984346	1451041	10.81%	1.156%
15	15.310	2156	2163	2169	rBV	656609	1068222	7.96%	0.851%
16	15.474	2186	2191	2198	rBV2	106649	216910	1.62%	0.173%
17	16.727	2399	2404	2411	rBV	141889	228539	1.70%	0.182%
18	16.880	2422	2430	2436	rVB	162913	281177	2.09%	0.224%
19	17.057	2454	2460	2463	rBV	1195770	1667523	12.42%	1.329%
20	17.104	2463	2468	2473	rVV	3280594	4852862	36.16%	3.867%
21	17.157	2473	2477	2481	rVV2	803269	1233254	9.19%	0.983%
22	17.192	2481	2483	2489	rVV	266498	397227	2.96%	0.317%
23	17.474	2524	2531	2539	rBV	617791	1051527	7.83%	0.838%
24	17.933	2604	2609	2614	rBV	281253	449016	3.35%	0.358%
25	17.986	2614	2618	2625	rVB2	385345	579139	4.31%	0.462%
26	18.127	2637	2642	2646	rBV3	429792	694608	5.18%	0.554%
27	18.168	2646	2649	2656	rVB	170604	251569	1.87%	0.200%
28	18.439	2690	2695	2699	rBV	306311	420461	3.13%	0.335%
29	18.498	2699	2705	2712	rVB	1049114	1481681	11.04%	1.181%
30	18.856	2762	2766	2771	rBV	155863	247548	1.84%	0.197%
31	18.915	2771	2776	2780	rVV2	162717	260827	1.94%	0.208%
32	19.009	2786	2792	2798	rBV	460652	737342	5.49%	0.588%
33	19.127	2805	2812	2819	rBV	9807125	13421869	100.00%	10.696%
34	19.233	2826	2830	2835	rVB3	127293	179482	1.34%	0.143%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

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\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	19.368	2845	2853	2863	rVB3	288335	703891	5.24%	0.561%
36	19.462	2863	2869	2870	rBV2	2170648	2826898	21.06%	2.253%
37	19.492	2870	2874	2882	rVV	8249318	11157880	83.13%	8.892%
38	19.562	2882	2886	2892	rVB	307345	434115	3.23%	0.346%
39	19.674	2900	2905	2910	rVB	368206	511913	3.81%	0.408%
40	19.739	2912	2916	2923	rVB	136451	232186	1.73%	0.185%
41	19.809	2923	2928	2929	rBV	314185	402209	3.00%	0.321%
42	19.880	2936	2940	2947	rBV	158256	243320	1.81%	0.194%
43	19.956	2947	2953	2956	rBV4	314340	688657	5.13%	0.549%
44	20.086	2972	2975	2979	rBV	132981	174808	1.30%	0.139%
45	20.145	2979	2985	2989	rVV2	460911	844659	6.29%	0.673%
46	20.180	2989	2991	2995	rVB2	199941	225820	1.68%	0.180%
47	20.227	2996	2999	3003	rVB2	120609	154953	1.15%	0.123%
48	20.286	3005	3009	3013	rBV2	265260	351971	2.62%	0.280%
49	20.333	3013	3017	3021	rBV2	226003	332122	2.47%	0.265%
50	20.427	3030	3033	3037	rBV	117676	164081	1.22%	0.131%
51	20.745	3082	3087	3094	rBV	1186370	1533020	11.42%	1.222%
52	20.903	3107	3114	3117	rBV2	1296241	1861120	13.87%	1.483%
53	20.939	3117	3120	3124	rVV	740970	1060510	7.90%	0.845%
54	20.980	3124	3127	3133	rVV2	673764	1369582	10.20%	1.091%
55	21.045	3134	3138	3143	rVB	1239368	1554413	11.58%	1.239%
56	21.145	3152	3155	3161	rVB	220673	310459	2.31%	0.247%
57	21.245	3165	3172	3177	rVV2	4501051	9189213	68.46%	7.323%
58	21.297	3177	3181	3190	rVB	5014864	6871461	51.20%	5.476%
59	21.409	3197	3200	3204	rBV	344167	392939	2.93%	0.313%
60	21.474	3208	3211	3217	rBV3	329154	496128	3.70%	0.395%
61	21.580	3223	3229	3233	rBV2	582114	957451	7.13%	0.763%
62	21.750	3256	3258	3261	rBV2	200366	261025	1.94%	0.208%
63	21.803	3265	3267	3272	rVB	424948	515419	3.84%	0.411%
64	21.856	3273	3276	3277	rBV	241019	263245	1.96%	0.210%
65	21.880	3278	3280	3284	rVB	447047	501293	3.73%	0.399%
66	22.003	3298	3301	3305	rBV3	278047	446293	3.33%	0.356%
67	22.574	3394	3398	3408	rVB2	466056	916170	6.83%	0.730%
68	22.827	3434	3441	3446	rBV2	4898259	11535265	85.94%	9.192%
69	22.991	3465	3469	3475	rVB	421098	675166	5.03%	0.538%
70	23.297	3515	3521	3526	rBV	2811913	5135566	38.26%	4.092%
71	23.344	3526	3529	3532	rVV2	729936	1224328	9.12%	0.976%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

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\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

72	23.391	3532	3537	3546	rVB	2964378	5600934	41.73%	4.463%
73	23.486	3548	3553	3557	rVV	1157435	2148070	16.00%	1.712%
74	23.533	3558	3561	3575	rVB2	903645	1666963	12.42%	1.328%
75	25.727	3925	3934	3943	rVB	2230500	6282996	46.81%	5.007%
76	26.421	4043	4052	4064	rVB	1757321	5416960	40.36%	4.317%

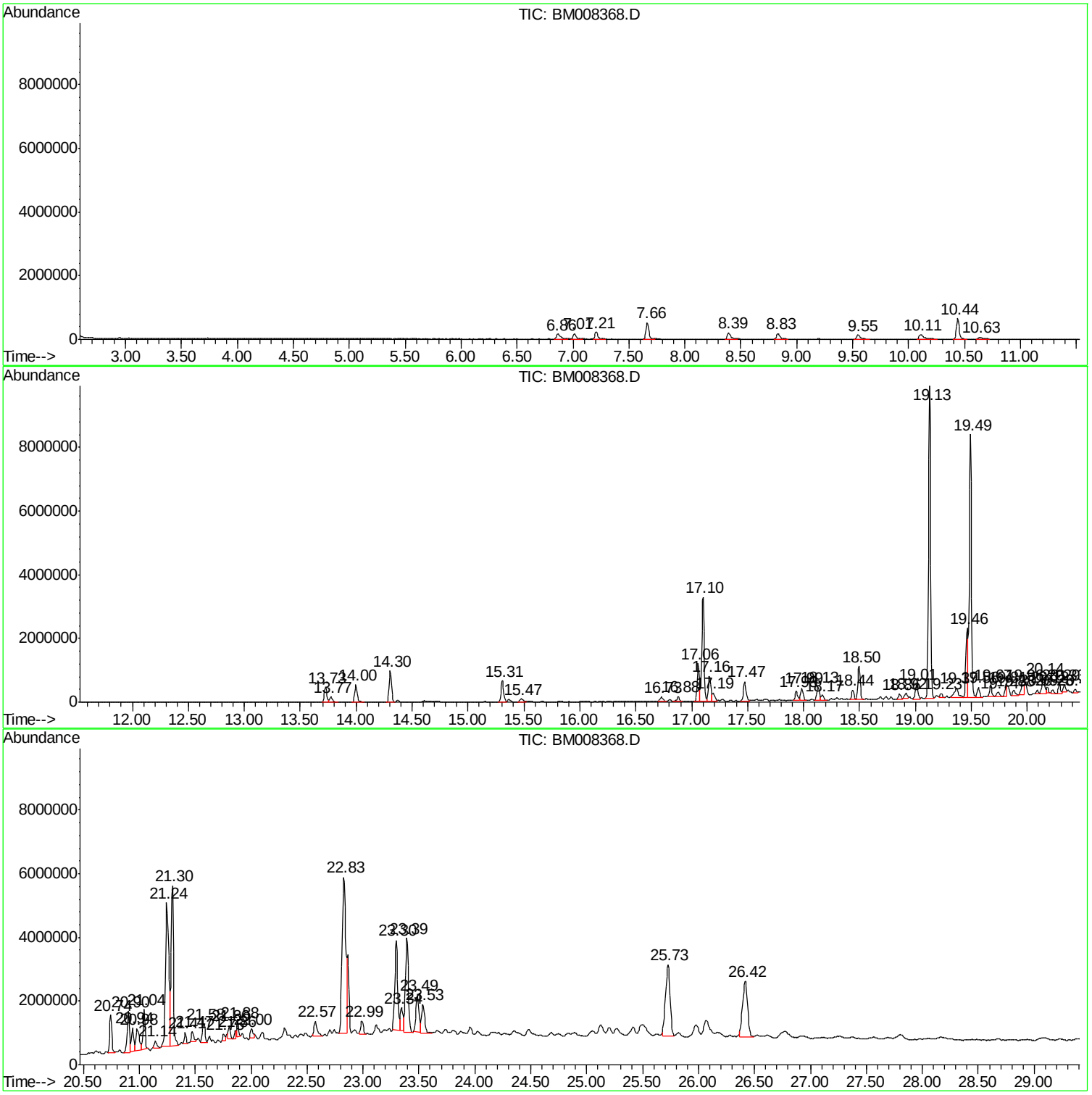
Sum of corrected areas: 125487975

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

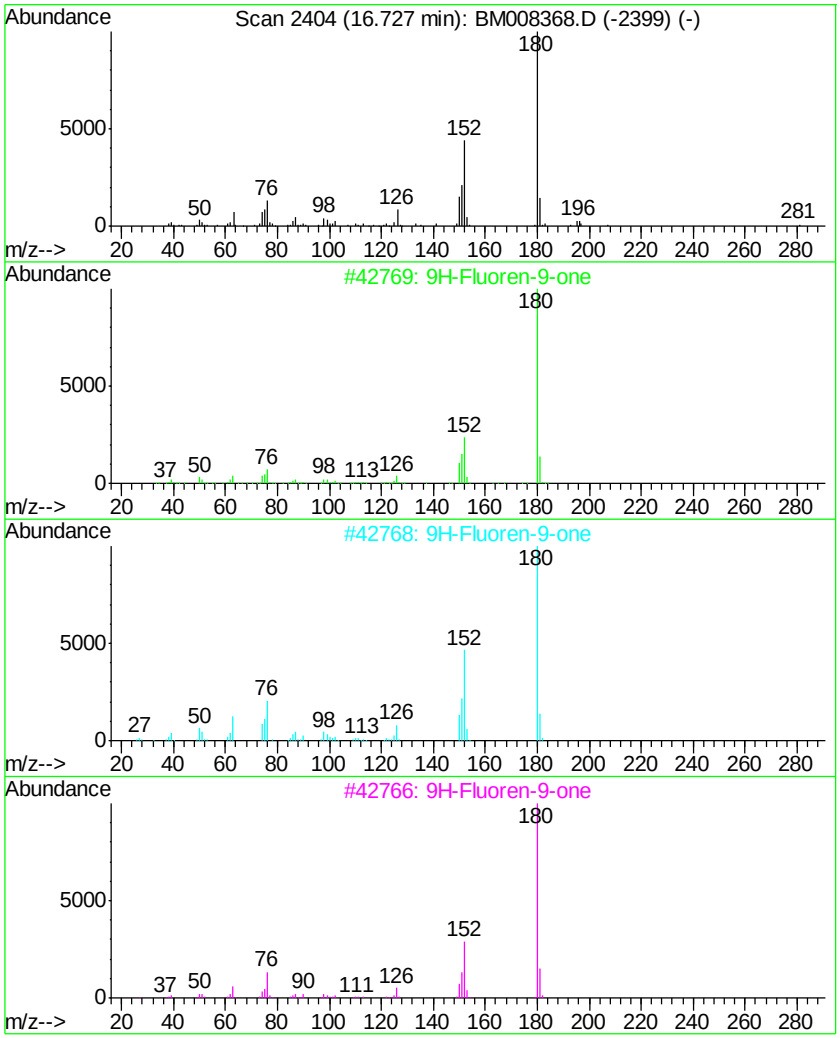
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

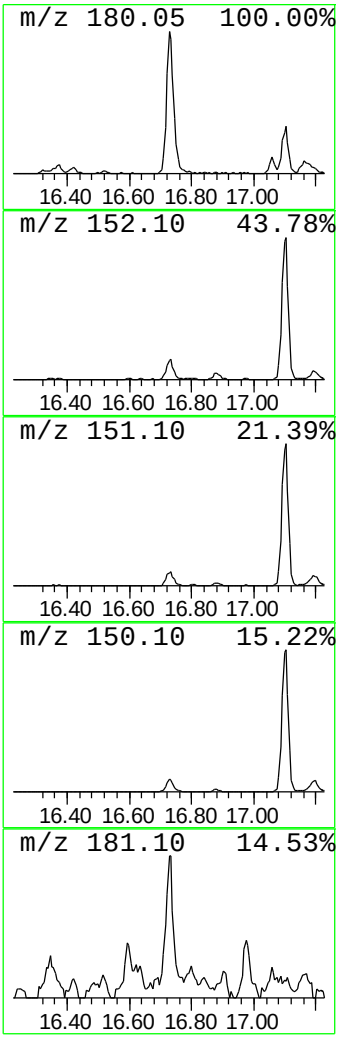
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.74 ng/ul	228539	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

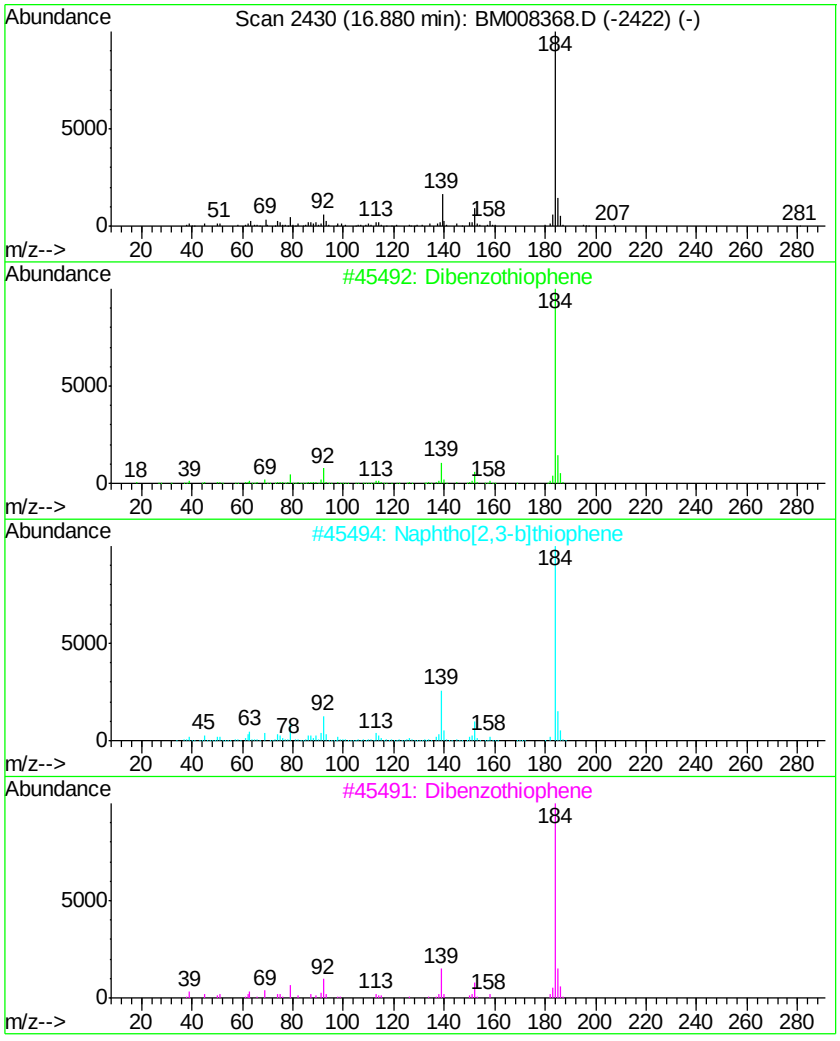
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

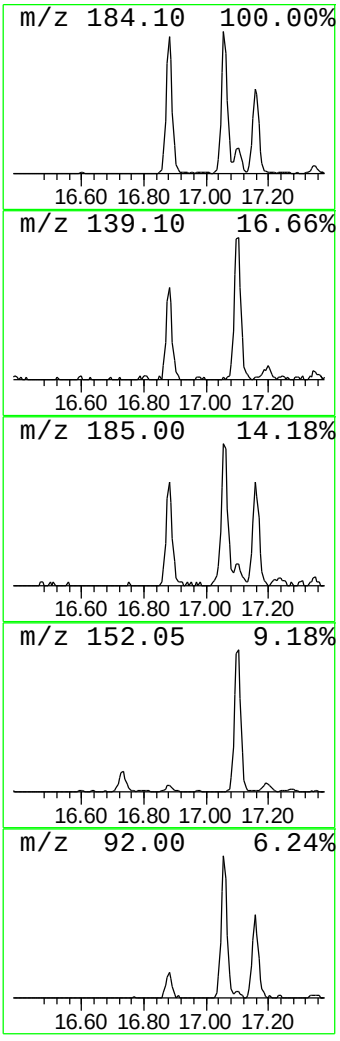
****

Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.37 ng/ul	281177	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

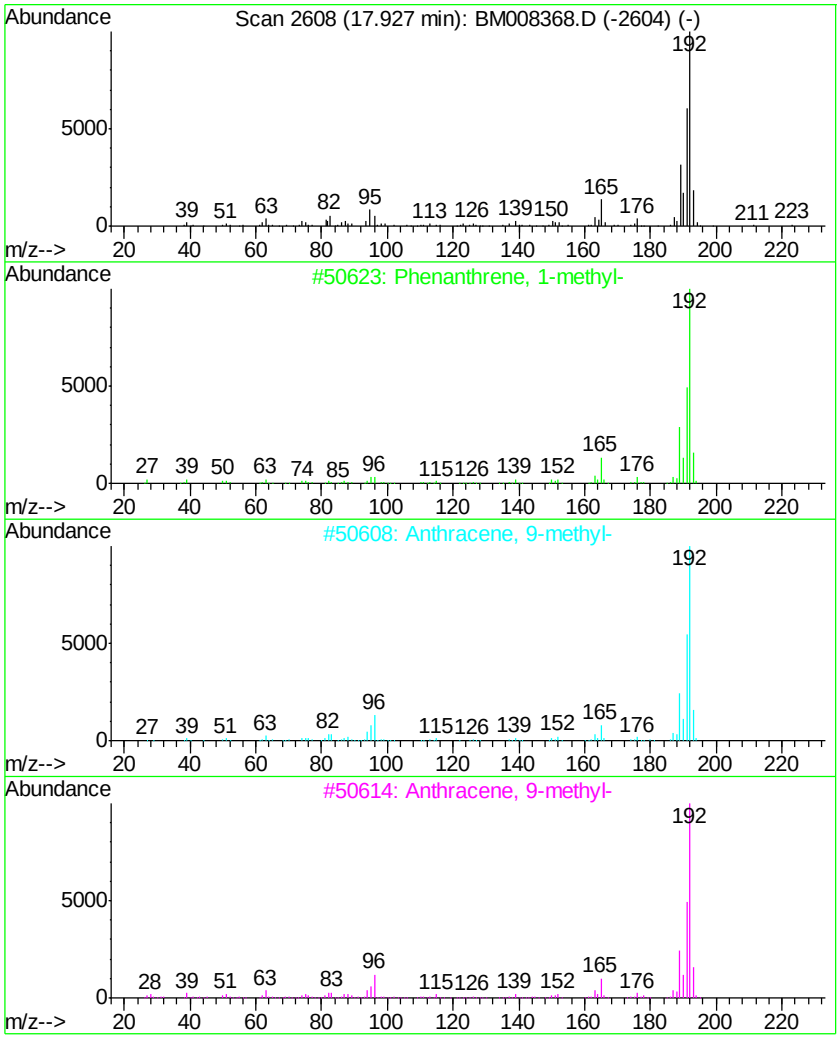
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

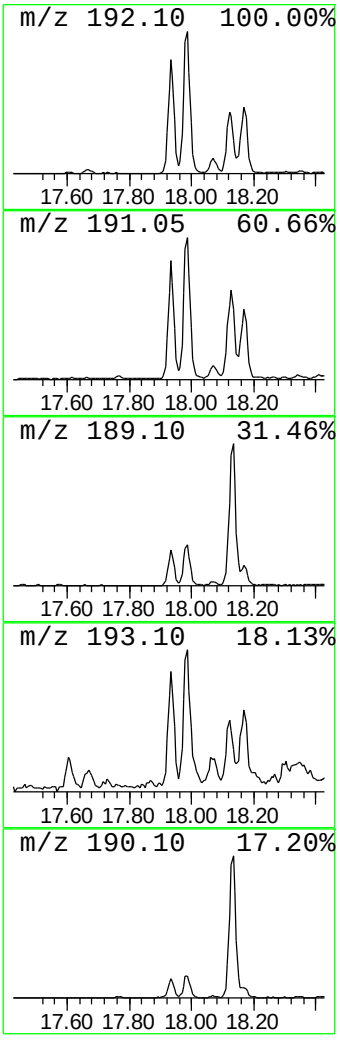
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.39 ng/ul	449016	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

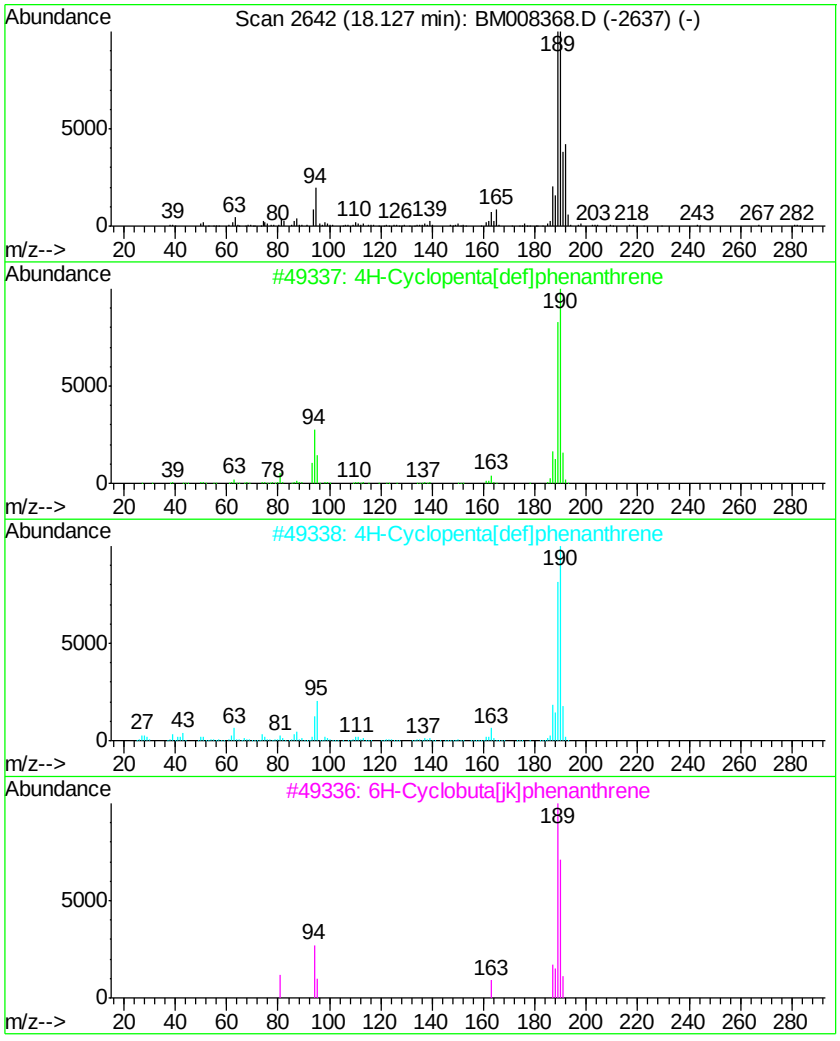
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

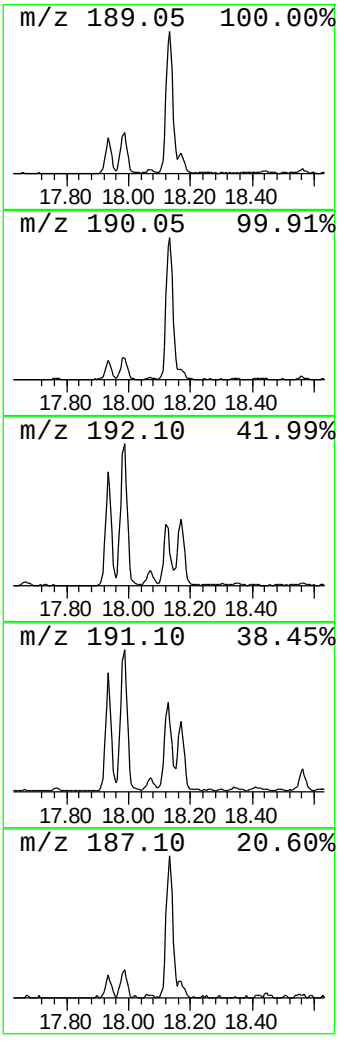
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	8.33 ng/ul	694608	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

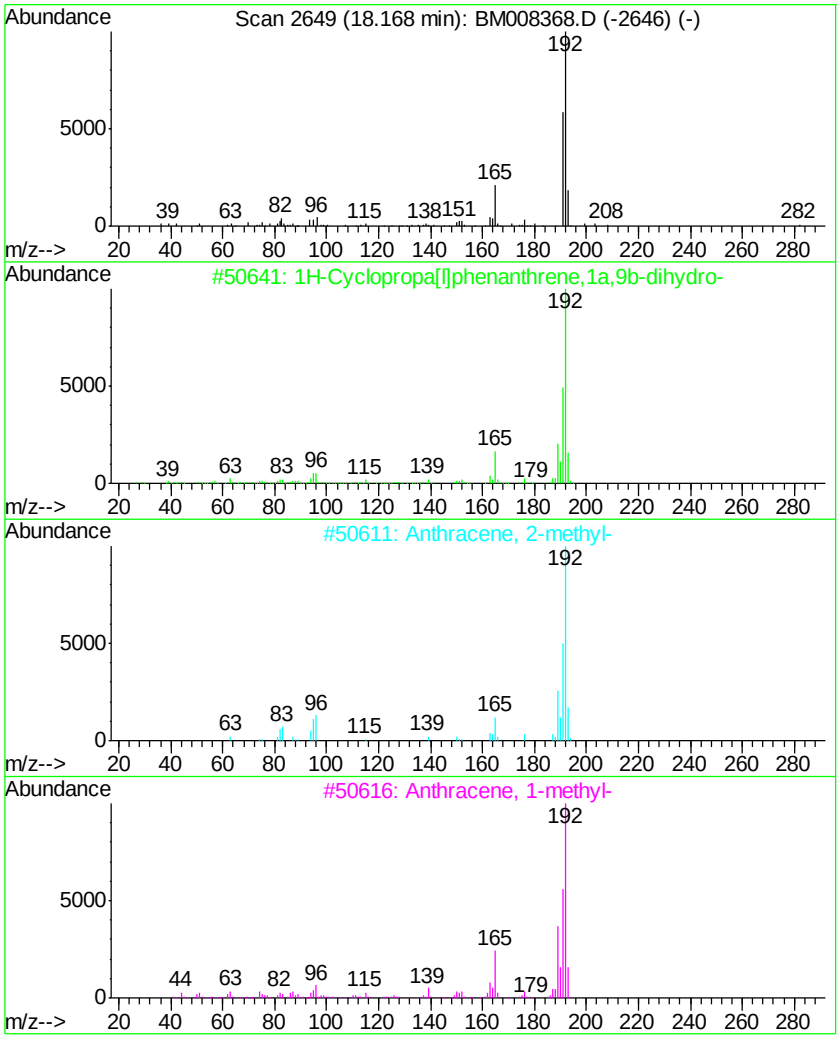
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

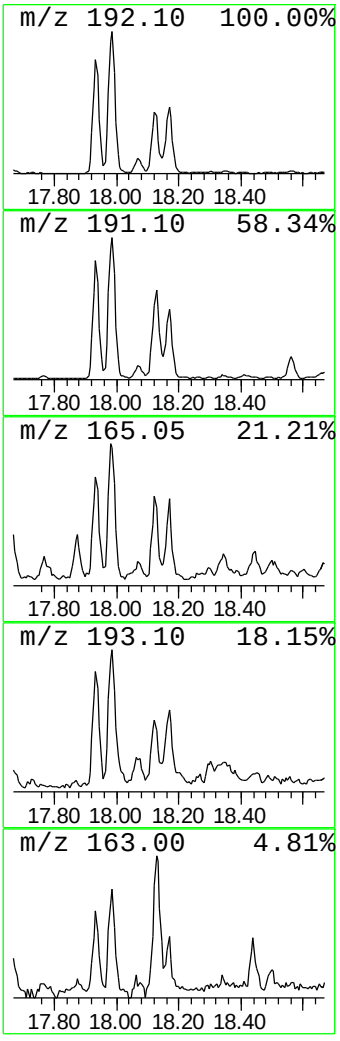
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.02 ng/ul	251569	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

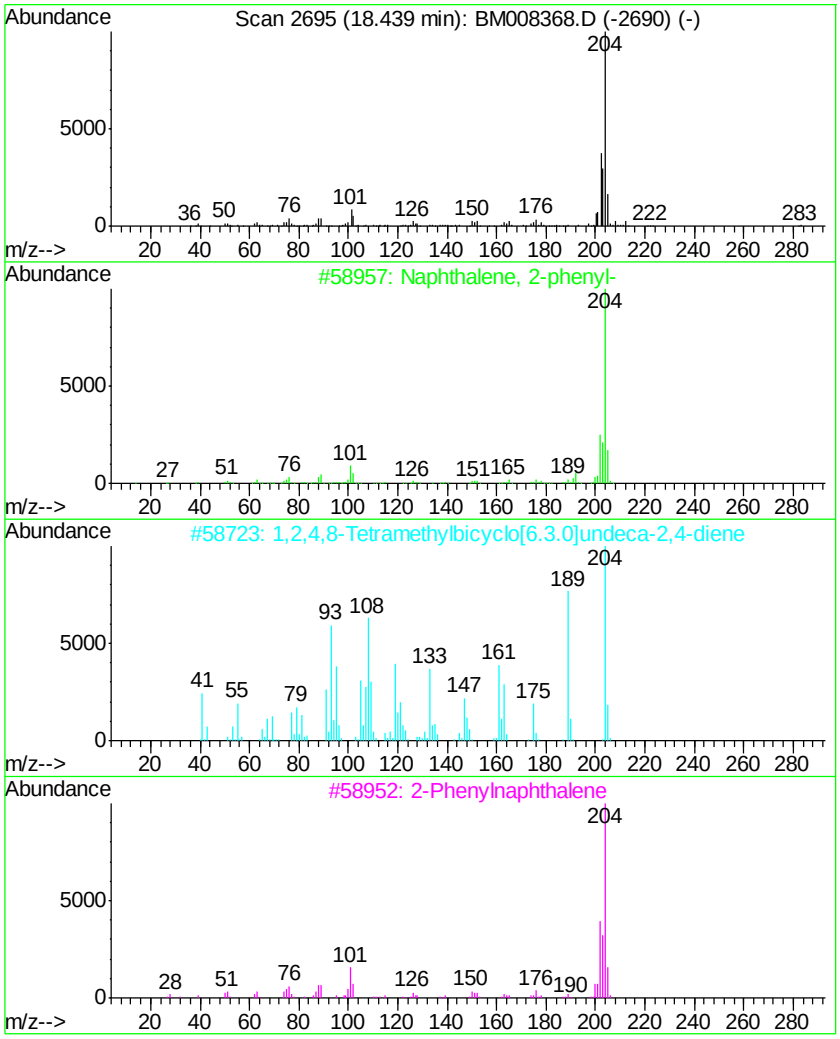
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

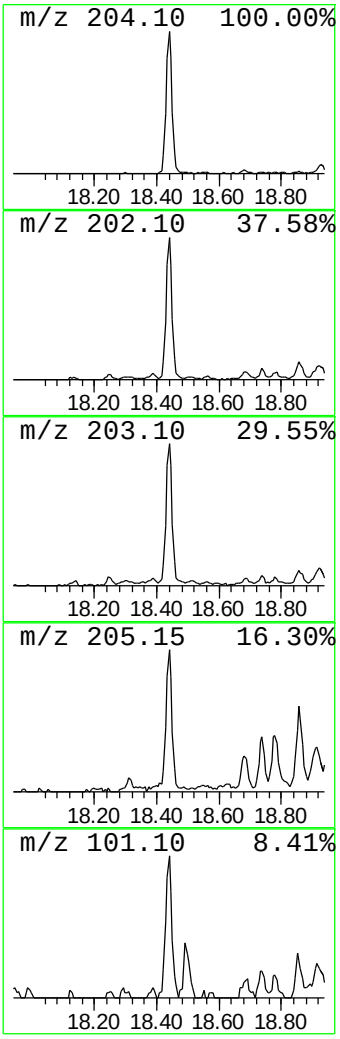
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	5.04 ng/ul	420461	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	91
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

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Quant Title : SVOA CALIBRATION

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

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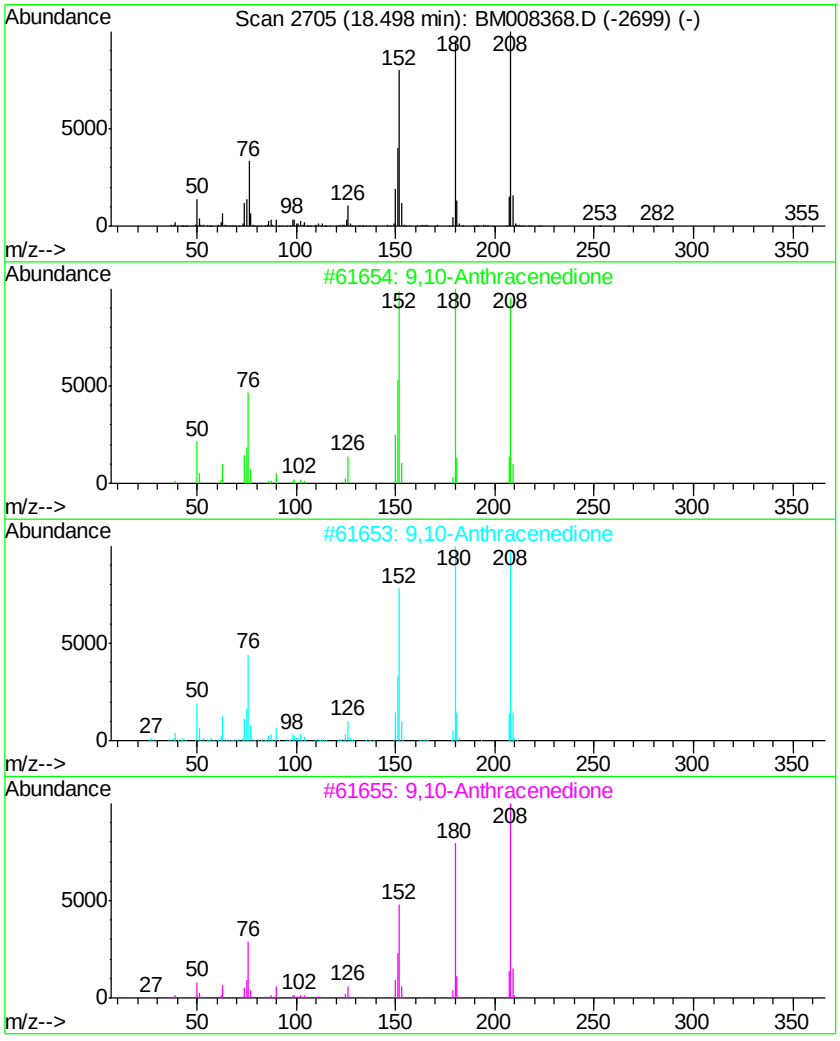
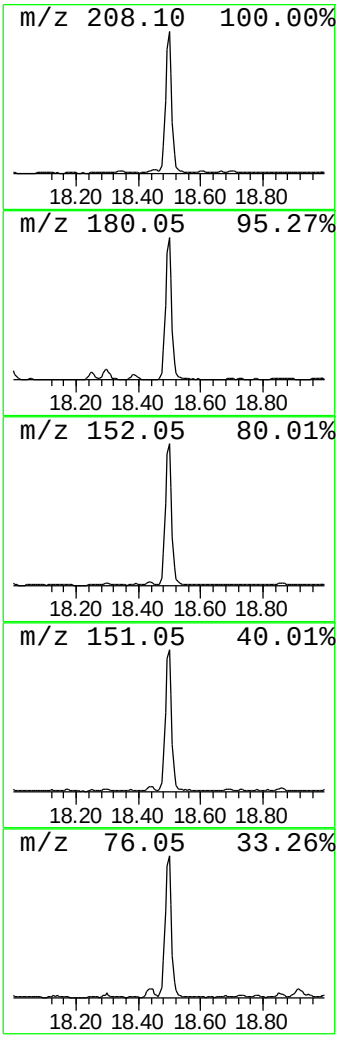
Peak Number 8 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	17.77 ng/ul	1481680	Phenanthrene-d10	17.06

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





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Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

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Quant Title : SVOA CALIBRATION

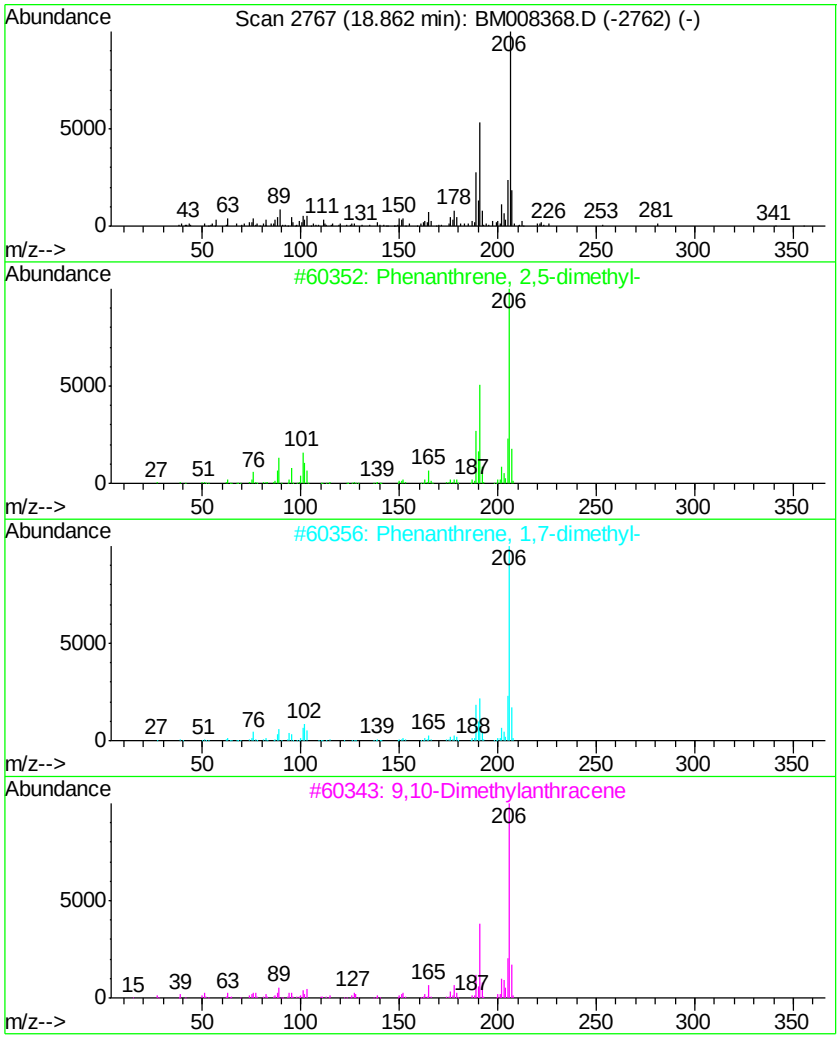
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

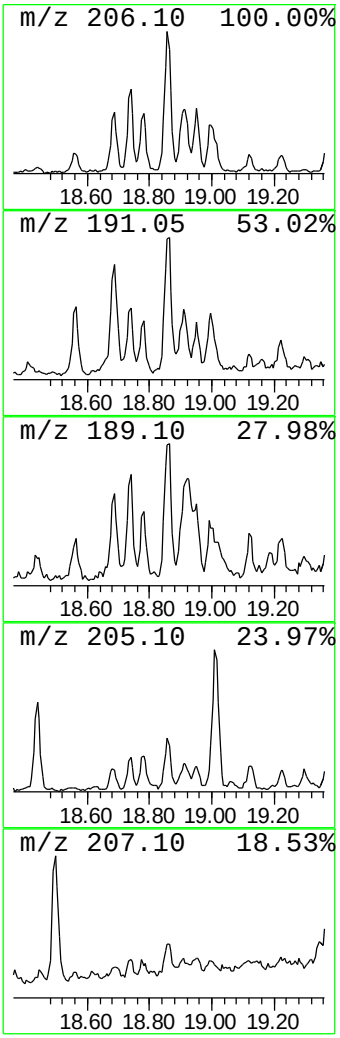
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.97 ng/ul	247548	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Instrument : BNA_M
ClientSampleId : DA8G5

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Quant Title : SVOA CALIBRATION

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

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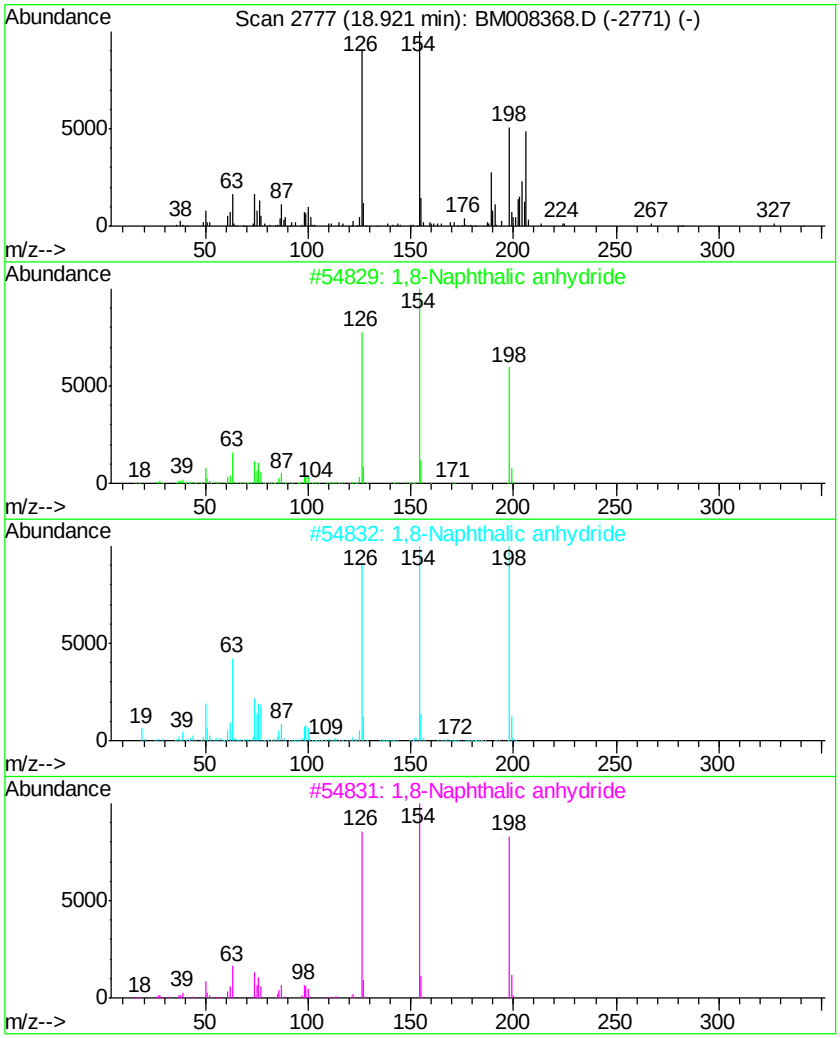
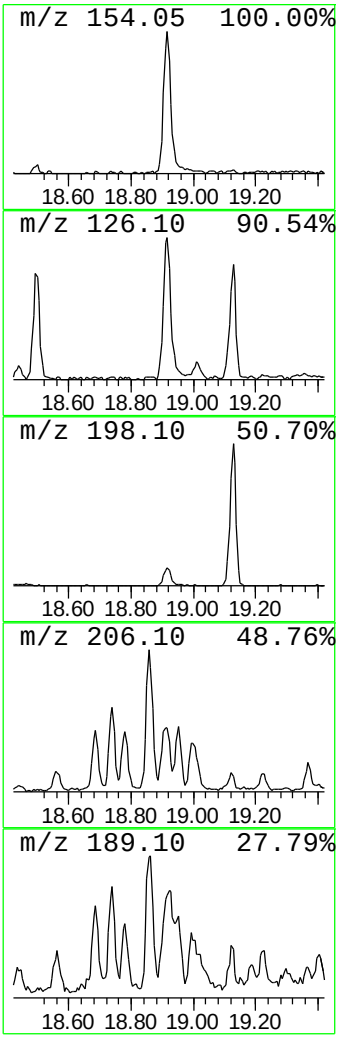
Peak Number 10 1,8-Naphthalic anhydride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.13 ng/ul	260827	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	96
3	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	93
4	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	83
5	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	50





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Quant Title : SVOA CALIBRATION

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

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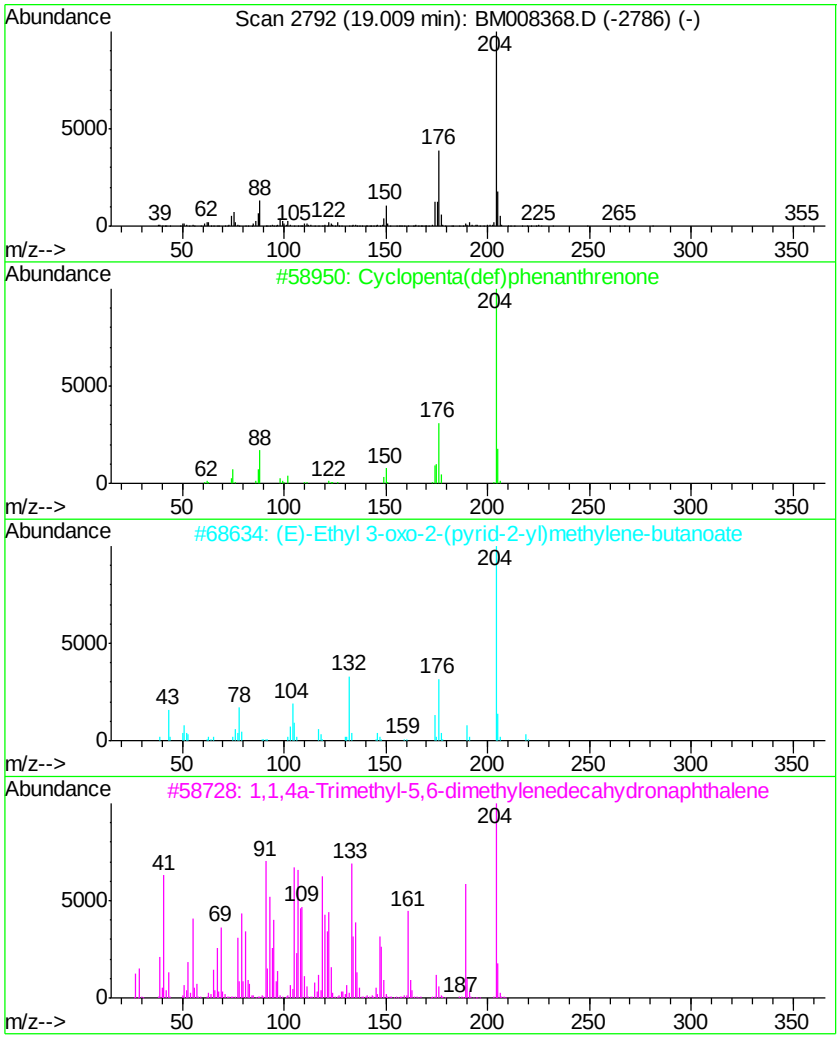
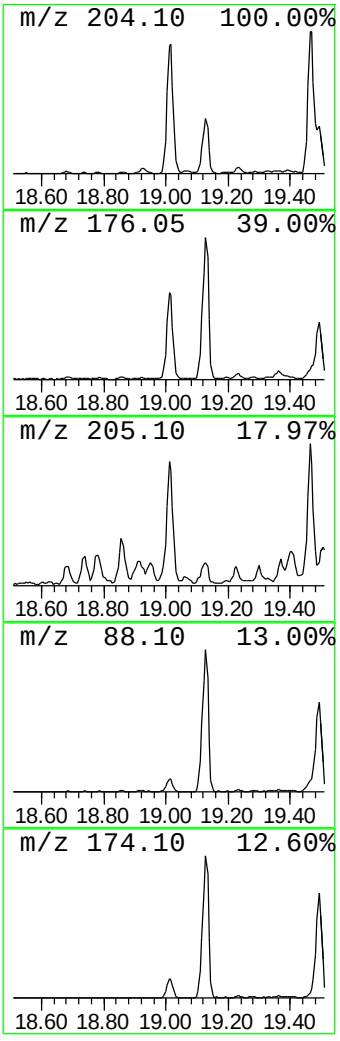
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	8.84 ng/ul	737342	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	42
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	40





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8G5

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Quant Title : SVOA CALIBRATION

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

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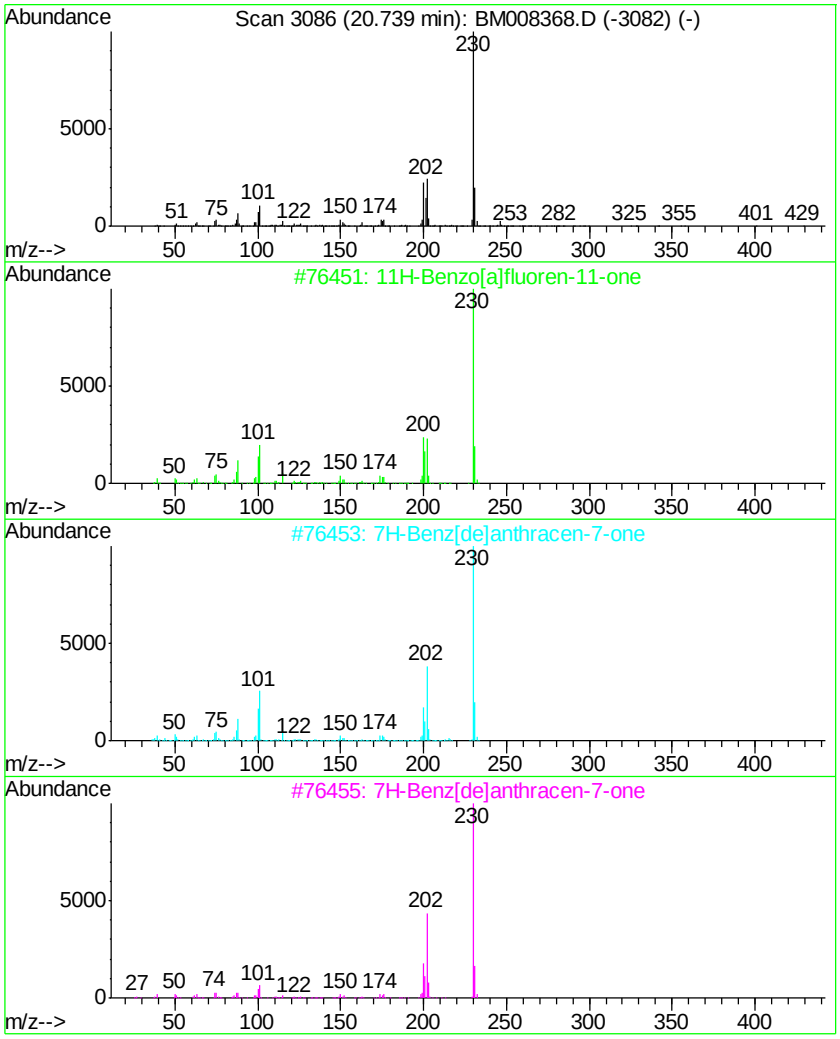
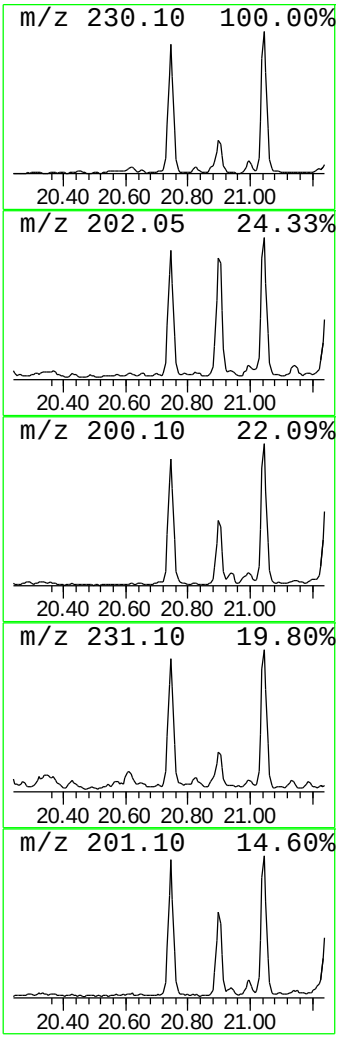
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.34 ng/ul	1533020	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	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Misc :
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Quant Title : SVOA CALIBRATION

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

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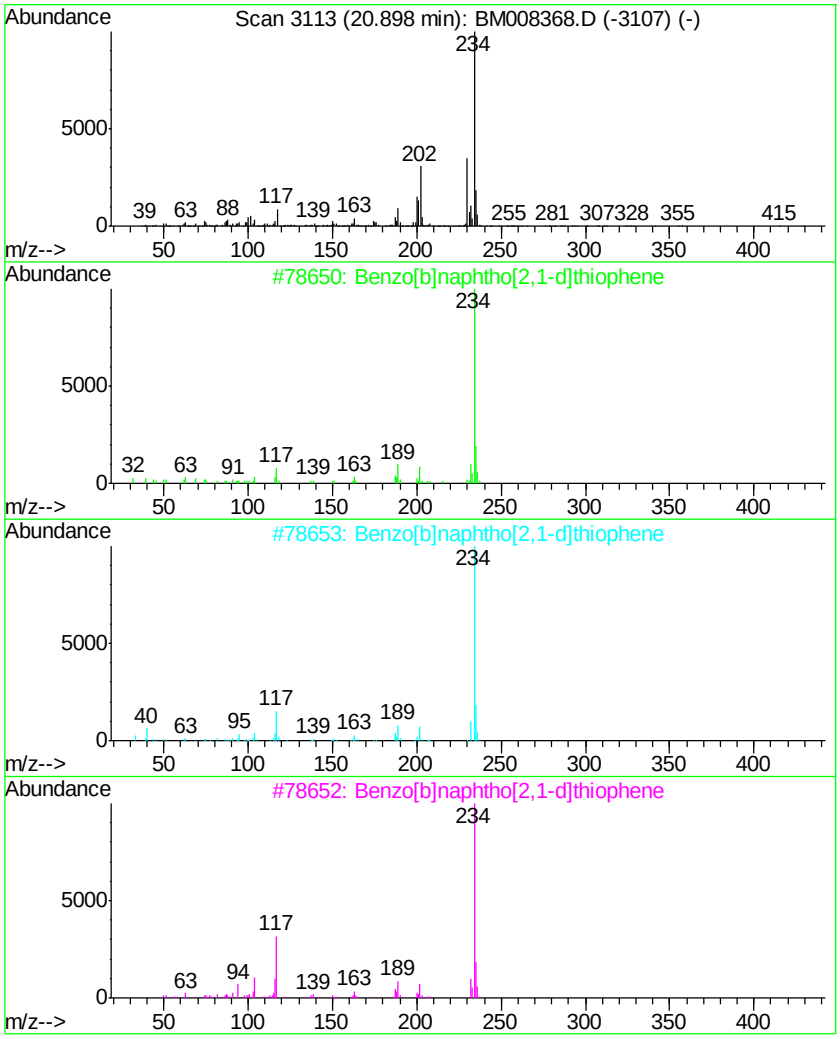
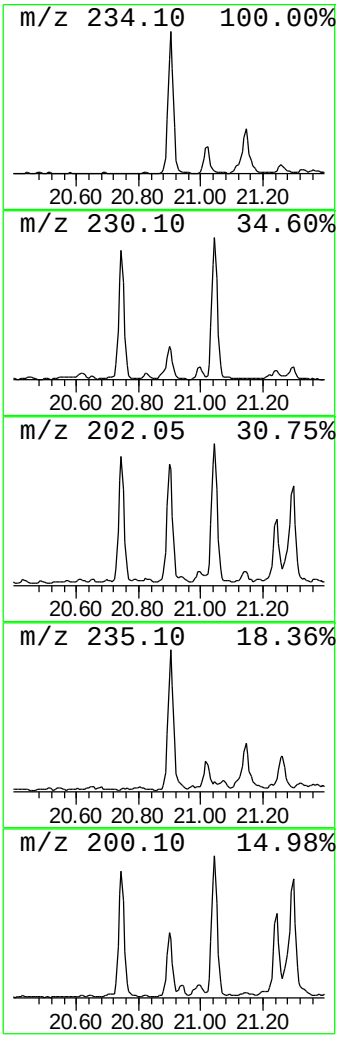
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.05 ng/ul	1861120	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	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





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ClientSampleId : DA8G5

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Quant Title : SVOA CALIBRATION

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

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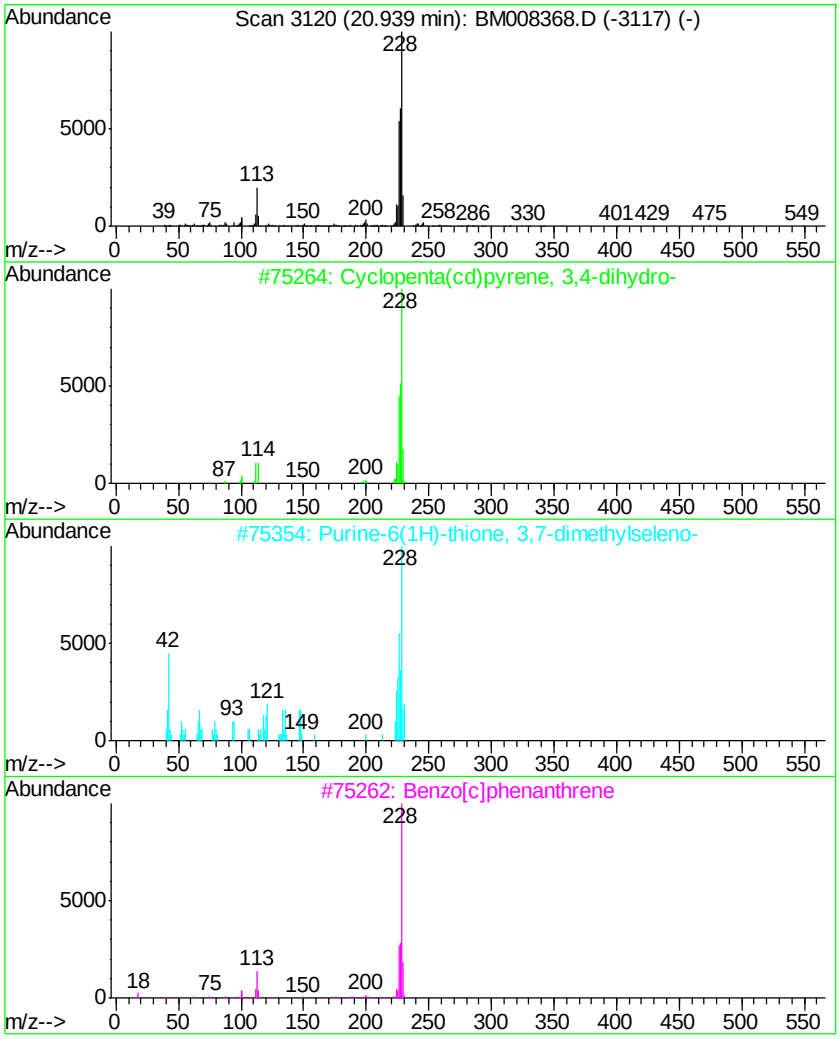
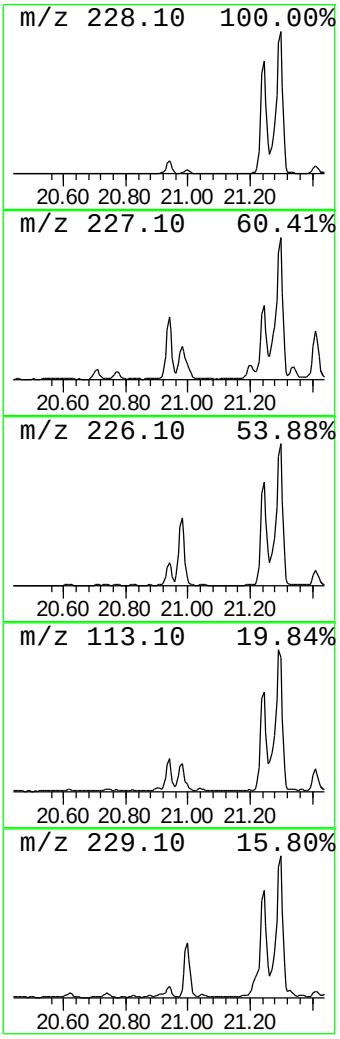
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.31 ng/ul	1060510	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	53
2	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	52
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	47
5	Triphenylene	228	C18H12	000217-59-4	45





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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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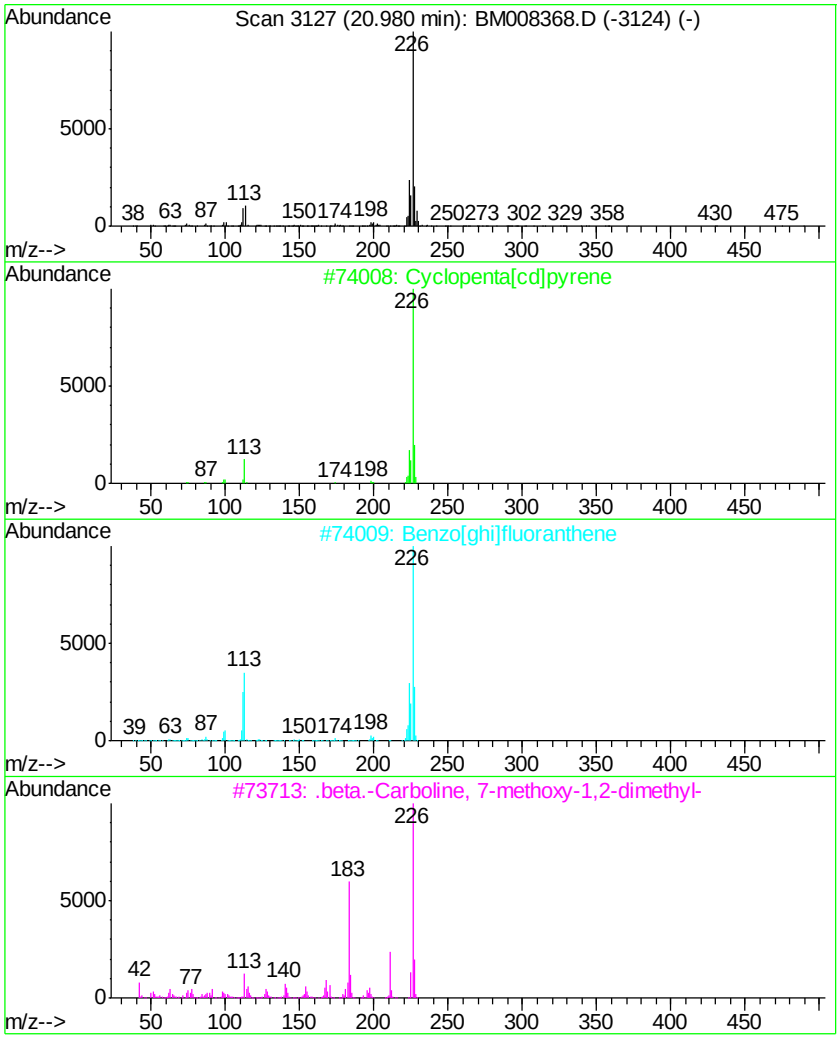
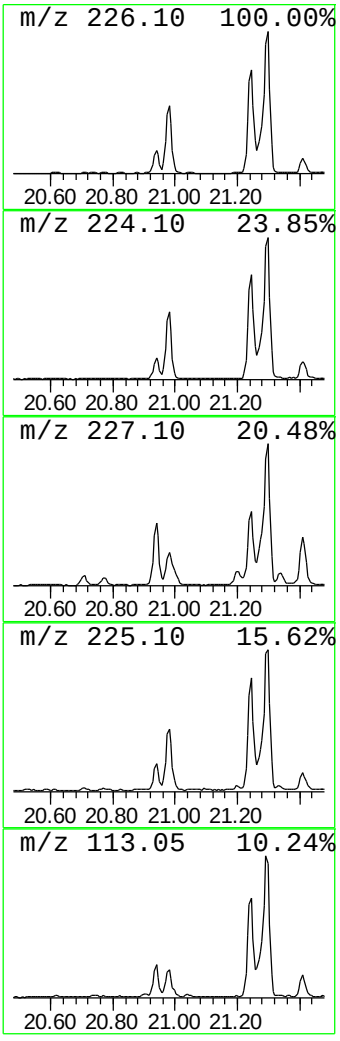
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.98 ng/ul	1369580	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	2,2'-Oxydibenzaldehyde	226	C14H10O3	049590-51-4	50
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8G5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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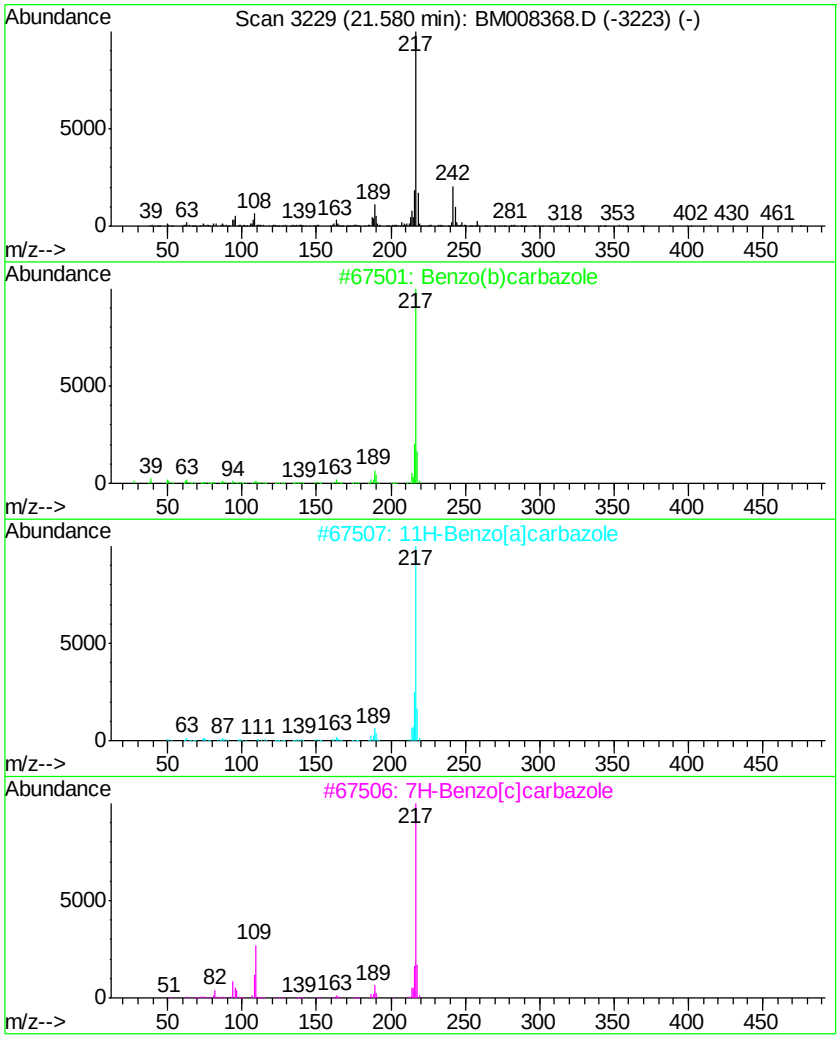
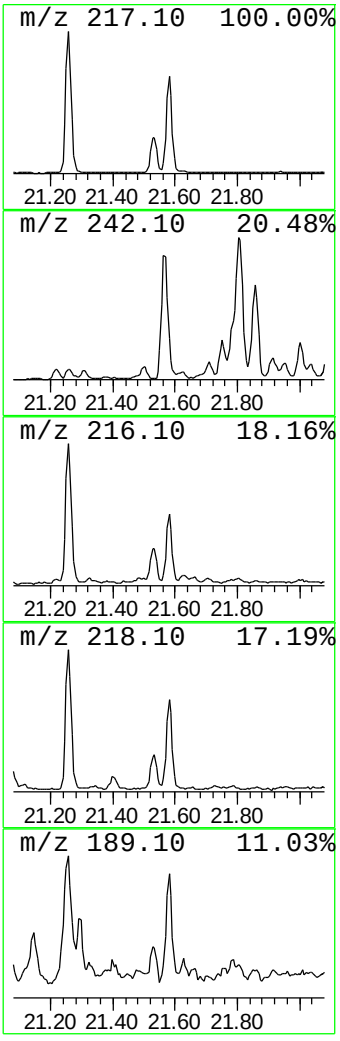
Peak Number 17 Benzo(b)carbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	2.08 ng/ul	957451	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	92
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	83
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	76
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	70
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70





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ClientSampleId : DA8G5

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Quant Title : SVOA CALIBRATION

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

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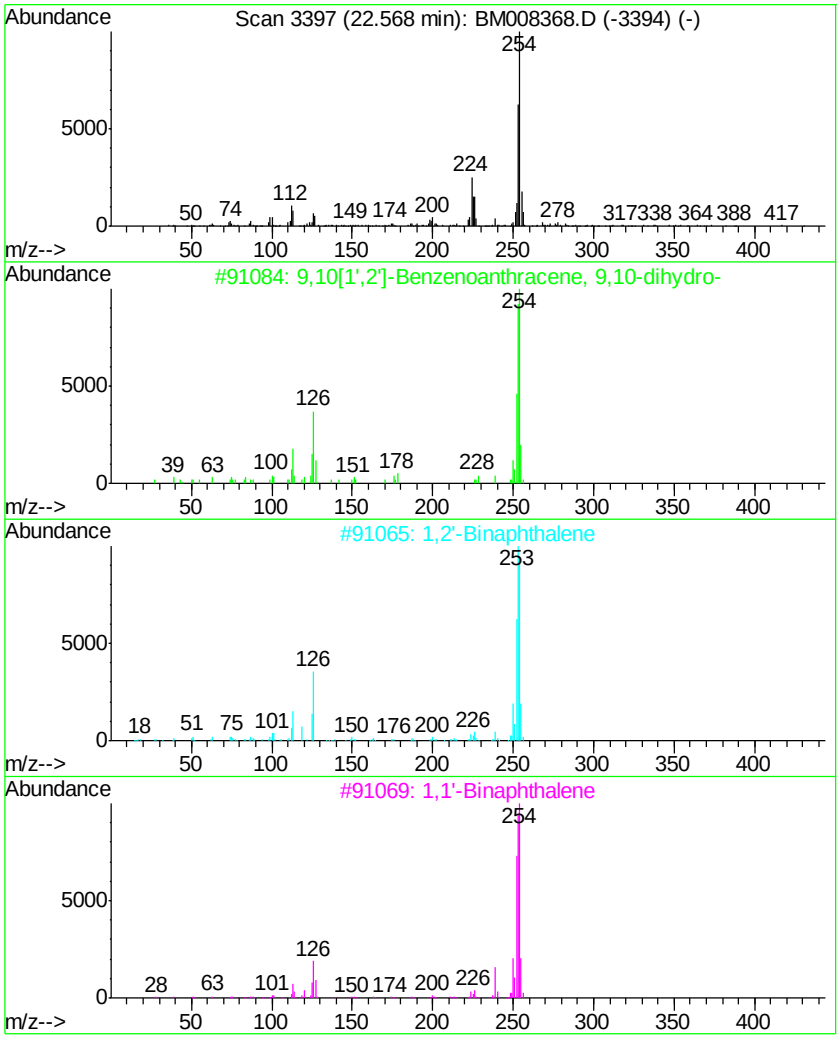
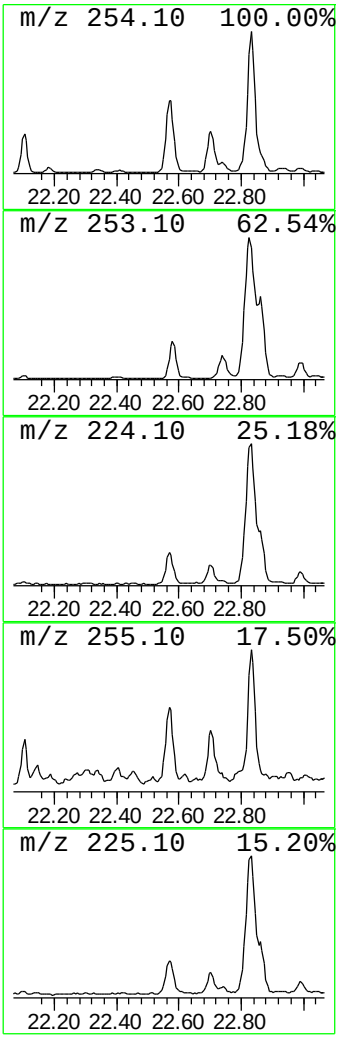
Peak Number 18 9,10[1',2']-Benzenoanthrace... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	8.53 ng/ul	916170	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	59
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	59
5	Benzofuran-6-ol-3-one, 2-[4-hydr...	254	C15H10O4	1000128-64-9	59





Tentatively Identified Compound (LSC) summary

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Data File : BM008368.D
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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
9H-Fluoren-9-one	16.73	2.7	ng/ul	228539	4	17.06	1667520	20.0
Dibenzothiophene	16.88	3.4	ng/ul	281177	4	17.06	1667520	20.0
Phenanthrene, 1-m...	17.93	5.4	ng/ul	449016	4	17.06	1667520	20.0
4H-Cyclopenta[def...	18.13	8.3	ng/ul	694608	4	17.06	1667520	20.0
1H-Cyclopropa[l]p...	18.17	3.0	ng/ul	251569	4	17.06	1667520	20.0
Naphthalene, 2-ph...	18.44	5.0	ng/ul	420461	4	17.06	1667520	20.0
9,10-Anthracenedione	18.50	17.8	ng/ul	1481680	4	17.06	1667520	20.0
Phenanthrene, 2,5...	18.86	3.0	ng/ul	247548	4	17.06	1667520	20.0
1,8-Naphthalic an...	18.92	3.1	ng/ul	260827	4	17.06	1667520	20.0
Cyclopenta(def)ph...	19.01	8.8	ng/ul	737342	4	17.06	1667520	20.0
11H-Benzo[a]fluor...	20.74	3.3	ng/ul	1533020	5	21.26	9189210	20.0
Benzo[b]naphtho[2...	20.90	4.0	ng/ul	1861120	5	21.26	9189210	20.0
Cyclopenta(cd)pyr...	20.94	2.3	ng/ul	1060510	5	21.26	9189210	20.0
Cyclopenta[cd]pyrene	20.98	3.0	ng/ul	1369580	5	21.26	9189210	20.0
Benzo(b)carbazole	21.58	2.1	ng/ul	957451	5	21.26	9189210	20.0
9,10[1',2']-Benze...	22.57	8.5	ng/ul	916170	6	23.49	2148070	20.0