

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003132.D
 Acq On : 15 Nov 2015 14:58
 Operator : UM/IZ
 Sample : G4401-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC792

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM103015.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	6.904	643	649	659	rBB	379913	618163	22.71%	1.540%
2	7.075	671	678	689	rBB	315506	487302	17.90%	1.214%
3	7.275	705	712	719	rBB	409647	625941	22.99%	1.559%
4	7.745	785	792	799	rBB	432513	670037	24.61%	1.669%
5	8.445	904	911	920	rBV	514548	800425	29.40%	1.994%
6	8.898	981	988	996	rBB	367245	582176	21.38%	1.450%
7	9.622	1104	1111	1118	rVB	301716	489027	17.96%	1.218%
8	10.151	1195	1201	1211	rBB	503548	809789	29.75%	2.017%
9	10.534	1259	1266	1273	rBV	603899	1030633	37.86%	2.567%
10	10.669	1282	1289	1299	rBV	492229	825669	30.33%	2.057%
11	12.992	1680	1684	1690	rBB	29511	40469	1.49%	0.101%
12	13.798	1815	1821	1825	rBV	953955	1313192	48.24%	3.271%
13	13.845	1825	1829	1838	rVB	656008	889284	32.67%	2.215%
14	14.080	1863	1869	1881	rVB	1028085	1563562	57.43%	3.895%
15	14.292	1900	1905	1910	rBV	38708	47693	1.75%	0.119%
16	14.392	1914	1922	1929	rBV2	934843	1377051	50.58%	3.430%
17	14.457	1929	1933	1938	rVB	24403	33558	1.23%	0.084%
18	14.580	1947	1954	1961	rBV	429361	592441	21.76%	1.476%
19	15.245	2063	2067	2073	rVB	61534	77432	2.84%	0.193%
20	15.386	2084	2091	2096	rVV	1410844	1990584	73.12%	4.959%
21	15.439	2096	2100	2105	rVV2	27680	38873	1.43%	0.097%
22	15.498	2105	2110	2118	rVV	328419	435841	16.01%	1.086%
23	15.627	2124	2132	2134	rBV3	19648	34447	1.27%	0.086%
24	15.651	2134	2136	2140	rVV2	24413	30330	1.11%	0.076%
25	15.733	2146	2150	2158	rVB2	26887	43337	1.59%	0.108%
26	15.880	2167	2175	2182	rVV3	25467	59890	2.20%	0.149%
27	16.110	2209	2214	2217	rBV	68468	98339	3.61%	0.245%
28	16.445	2264	2271	2276	rBV4	32771	63824	2.34%	0.159%
29	16.674	2302	2310	2314	rBV2	27573	41841	1.54%	0.104%
30	16.868	2337	2343	2345	rBV2	23753	36487	1.34%	0.091%
31	16.898	2345	2348	2354	rVV2	35853	55213	2.03%	0.138%
32	16.951	2354	2357	2367	rVB2	33748	57975	2.13%	0.144%
33	17.139	2382	2389	2392	rBV	1055781	1567199	57.57%	3.904%
34	17.180	2392	2396	2400	rVV	467446	662838	24.35%	1.651%

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35	17.233	2400	2405	2409	rVV2	1452615	2136206	78.47%	5.321%
36	17.268	2409	2411	2416	rVB	211367	237933	8.74%	0.593%
37	18.015	2532	2538	2542	rVV2	105032	226908	8.33%	0.565%
38	18.057	2542	2545	2550	rVV	132535	186123	6.84%	0.464%
39	18.139	2555	2559	2564	rVV	83234	117942	4.33%	0.294%
40	18.210	2564	2571	2574	rVV2	159870	282315	10.37%	0.703%
41	18.239	2574	2576	2585	rVB	63844	87451	3.21%	0.218%
42	18.515	2618	2623	2627	rBV	73405	98065	3.60%	0.244%
43	18.809	2668	2673	2677	rVV2	35564	49366	1.81%	0.123%
44	18.892	2683	2687	2689	rBV	42648	53262	1.96%	0.133%
45	18.927	2689	2693	2700	rVV3	49917	111316	4.09%	0.277%
46	18.998	2702	2705	2708	rVV2	38861	59105	2.17%	0.147%
47	19.027	2708	2710	2714	rVB	29364	28493	1.05%	0.071%
48	19.068	2714	2717	2720	rBV2	21802	32176	1.18%	0.080%
49	19.198	2731	2739	2747	rVV	1114443	1510538	55.48%	3.763%
50	19.315	2753	2759	2761	rVV2	64373	92072	3.38%	0.229%
51	19.351	2761	2765	2769	rVV	106933	153471	5.64%	0.382%
52	19.439	2774	2780	2788	rVV4	91531	167055	6.14%	0.416%
53	19.533	2788	2796	2799	rVV2	1817890	2722431	100.00%	6.782%
54	19.562	2799	2801	2810	rVV	854738	1043168	38.32%	2.599%
55	19.639	2810	2814	2821	rVB3	52248	92802	3.41%	0.231%
56	19.739	2827	2831	2838	rVB	68617	102512	3.77%	0.255%
57	19.809	2838	2843	2849	rBV8	12956	27704	1.02%	0.069%
58	19.886	2850	2856	2857	rBV	63294	98106	3.60%	0.244%
59	19.974	2867	2871	2875	rBV	55498	74268	2.73%	0.185%
60	20.021	2875	2879	2881	rVV3	68047	98626	3.62%	0.246%
61	20.056	2881	2885	2892	rVB	196404	299545	11.00%	0.746%
62	20.162	2898	2903	2906	rBV	195067	261388	9.60%	0.651%
63	20.215	2906	2912	2917	rVB3	90639	177357	6.51%	0.442%
64	20.356	2932	2936	2940	rBV2	42924	57832	2.12%	0.144%
65	20.409	2940	2945	2950	rVV3	50226	89685	3.29%	0.223%
66	20.462	2950	2954	2958	rVB	61143	79334	2.91%	0.198%
67	20.662	2983	2988	2994	rBV4	41369	101052	3.71%	0.252%
68	20.715	2994	2997	3000	rVB	59713	68481	2.52%	0.171%
69	20.774	3000	3007	3011	rBV5	58698	103864	3.82%	0.259%
70	20.815	3011	3014	3019	rVB2	25391	37386	1.37%	0.093%
71	20.980	3038	3042	3044	rBV	58056	78024	2.87%	0.194%

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72	21.015	3044	3048	3050	rVV	102525	147047	5.40%	0.366%
73	21.039	3050	3052	3059	rVB3	96463	172982	6.35%	0.431%
74	21.156	3070	3072	3076	rVB	31864	32300	1.19%	0.080%
75	21.215	3079	3082	3085	rVV3	25454	37723	1.39%	0.094%
76	21.245	3085	3087	3090	rVB2	37263	36499	1.34%	0.091%
77	21.327	3090	3101	3105	rBV2	1528778	2611092	95.91%	6.504%
78	21.362	3105	3107	3115	rVB	388171	511119	18.77%	1.273%
79	21.486	3124	3128	3133	rBV2	81433	114837	4.22%	0.286%
80	21.533	3133	3136	3140	rVV	37936	52474	1.93%	0.131%
81	21.639	3150	3154	3161	rBV3	51529	103469	3.80%	0.258%
82	21.827	3182	3186	3189	rBV3	25049	36754	1.35%	0.092%
83	21.886	3189	3196	3199	rVV	97066	179872	6.61%	0.448%
84	21.933	3200	3204	3209	rVB2	55310	90552	3.33%	0.226%
85	22.039	3218	3222	3225	rBV2	43870	59085	2.17%	0.147%
86	22.080	3226	3229	3232	rVV	38953	56875	2.09%	0.142%
87	22.115	3232	3235	3240	rVB4	64825	95348	3.50%	0.238%
88	22.180	3243	3246	3251	rVB2	30839	45551	1.67%	0.113%
89	22.386	3277	3281	3285	rBV4	39282	70288	2.58%	0.175%
90	22.909	3364	3370	3376	rBV	284302	743108	27.30%	1.851%
91	23.086	3395	3400	3405	rVB	81460	137821	5.06%	0.343%
92	23.215	3419	3422	3425	rBV2	18554	32237	1.18%	0.080%
93	23.397	3447	3453	3455	rBV	143794	250547	9.20%	0.624%
94	23.444	3455	3461	3466	rVV	1194395	2323402	85.34%	5.788%
95	23.492	3466	3469	3476	rVB	302961	502615	18.46%	1.252%
96	23.592	3479	3486	3492	rBV	861879	1626854	59.76%	4.053%
97	24.127	3575	3577	3586	rVB5	36500	69473	2.55%	0.173%
98	24.880	3701	3705	3712	rVB4	29954	64836	2.38%	0.162%
99	25.868	3865	3873	3886	rVB2	117373	351731	12.92%	0.876%
100	26.574	3987	3993	4006	rVB	82280	253015	9.29%	0.630%

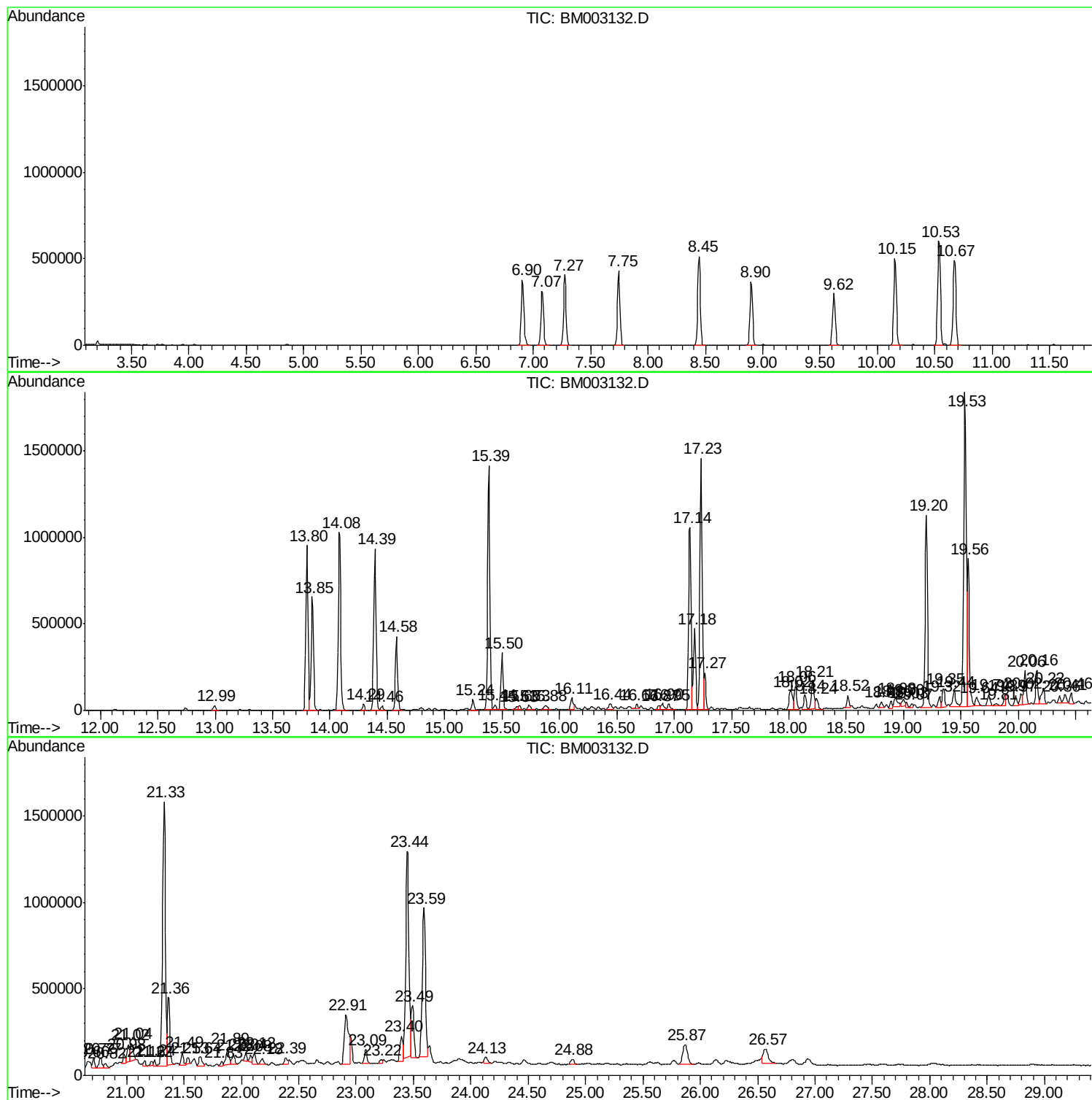
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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



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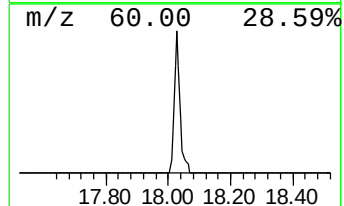
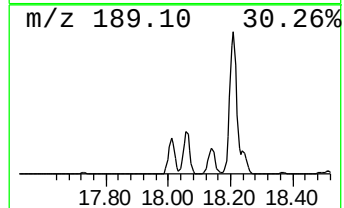
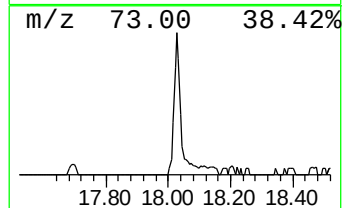
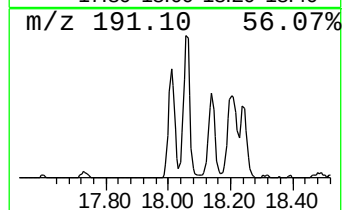
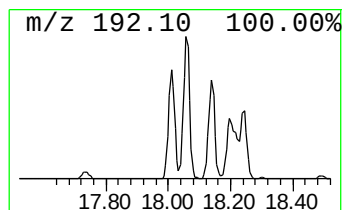
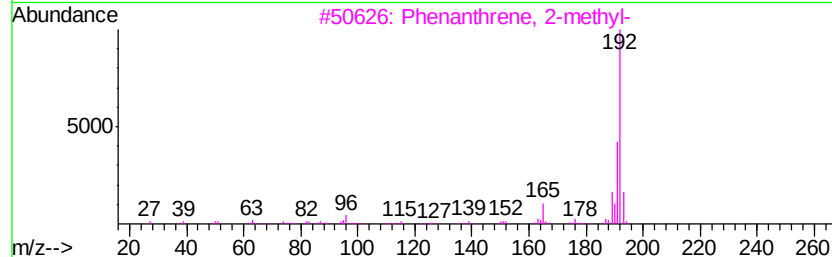
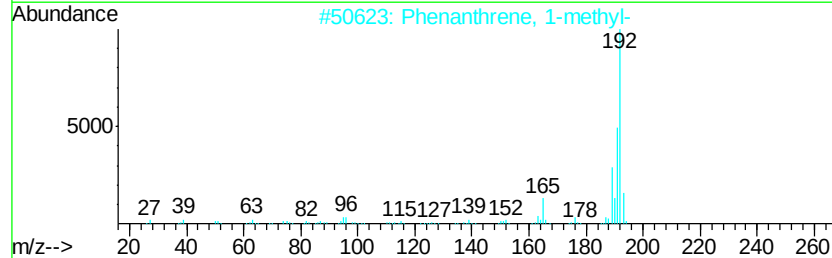
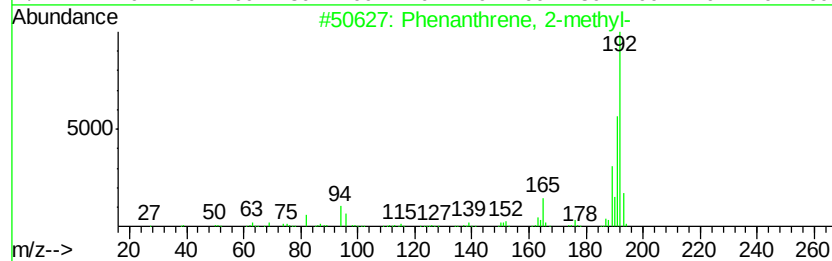
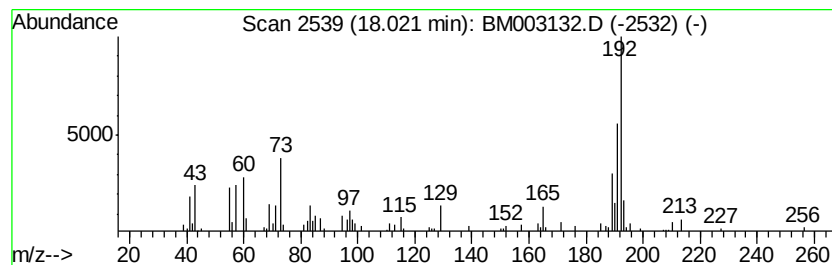
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.02	2.90 ng/ul	226908	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96	
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96	



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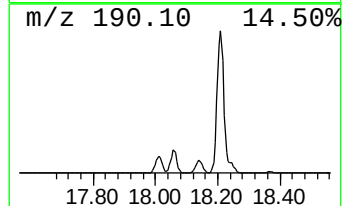
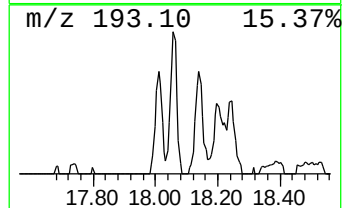
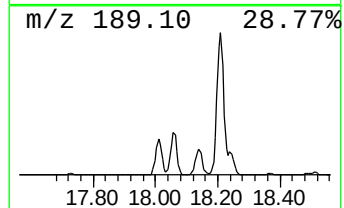
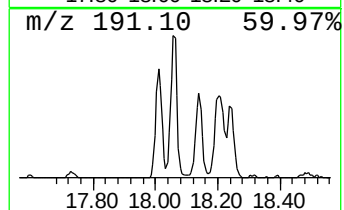
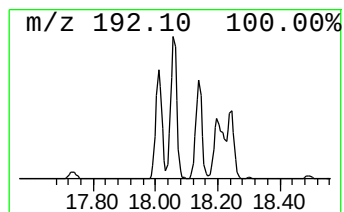
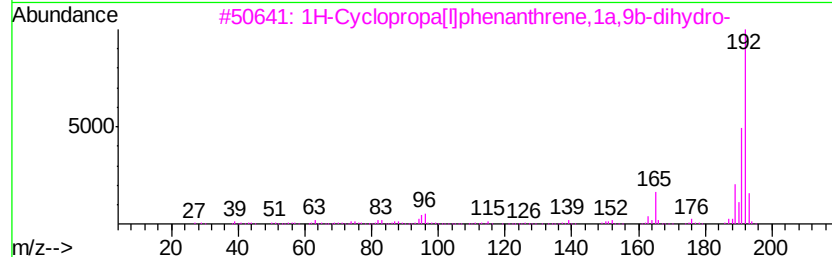
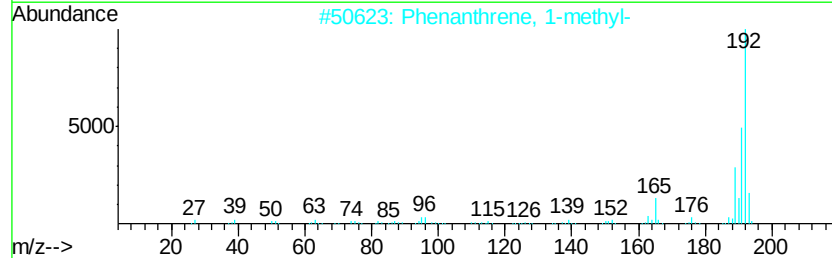
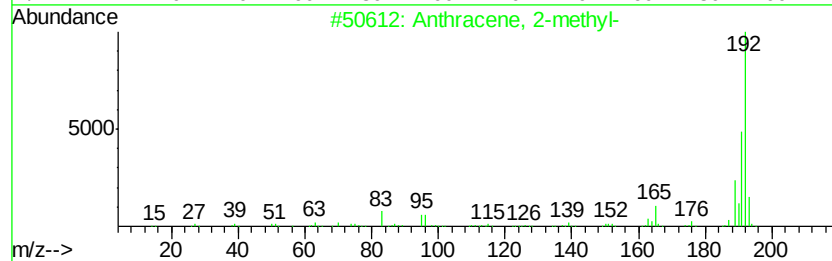
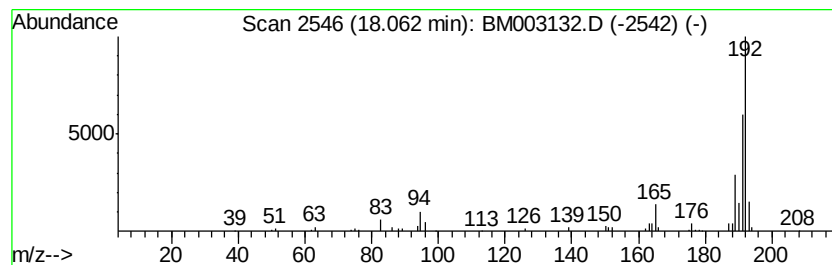
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.06	2.38 ng/ul	186123	Phenanthrene-d10	17.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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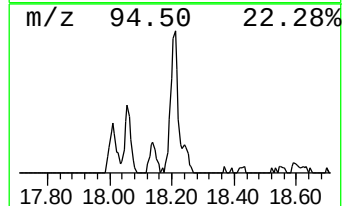
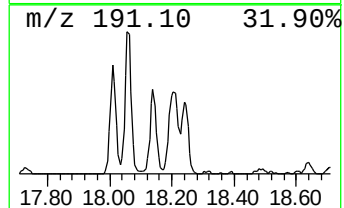
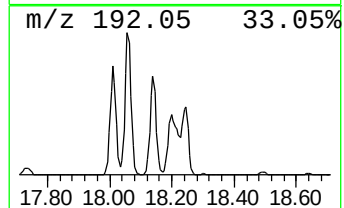
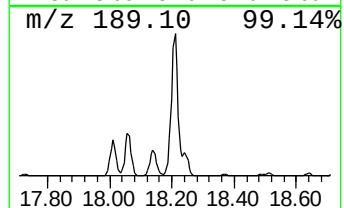
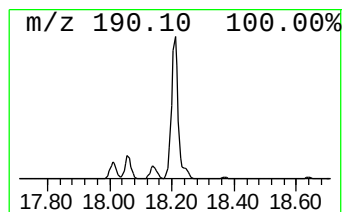
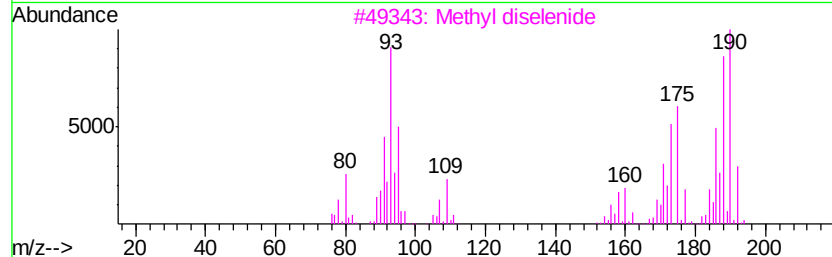
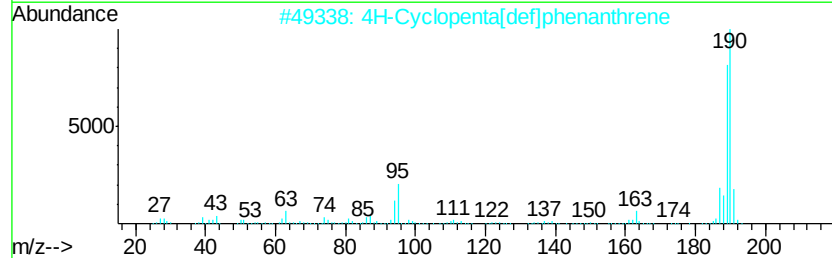
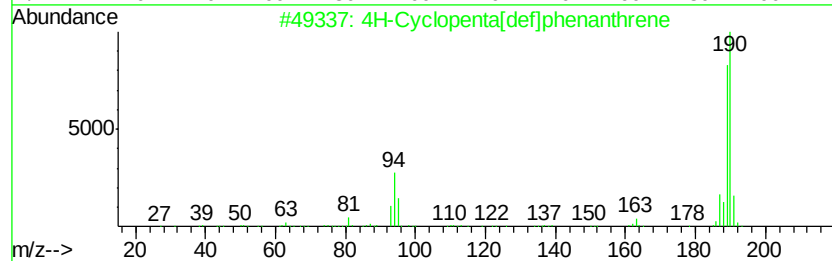
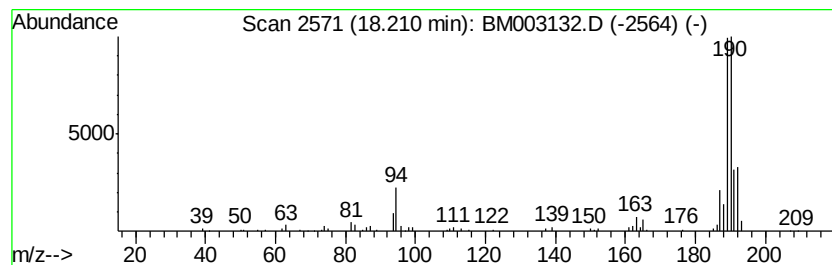
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.60 ng/ul	282315	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		Methyl diselenide	190	C2H6Se2	007101-31-7	55
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003132.D
Acq On : 15 Nov 2015 14:58
Operator : UM/IZ
Sample : G4401-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC792

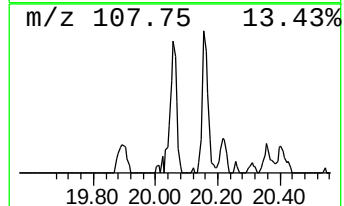
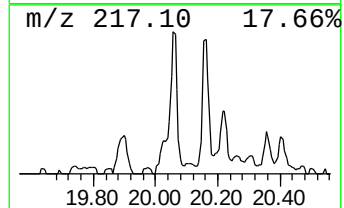
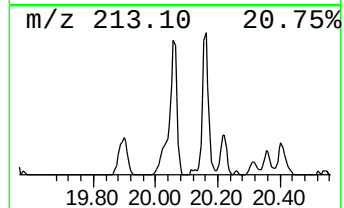
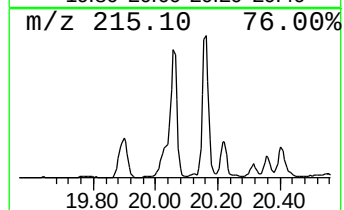
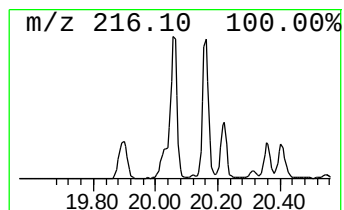
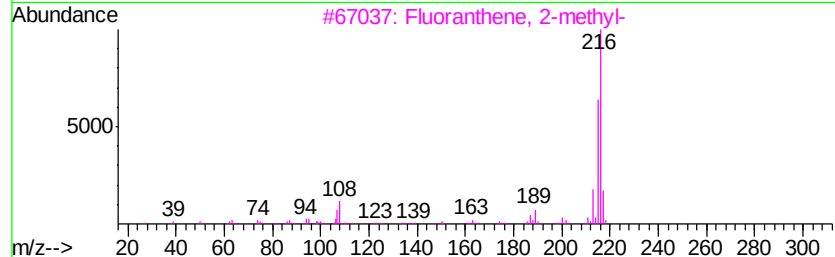
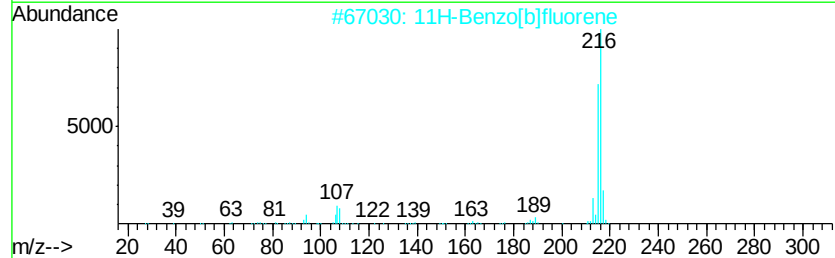
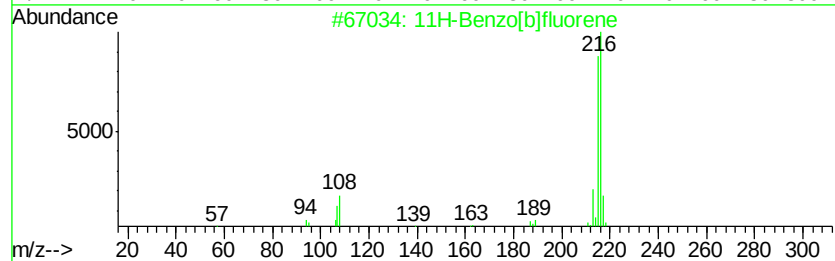
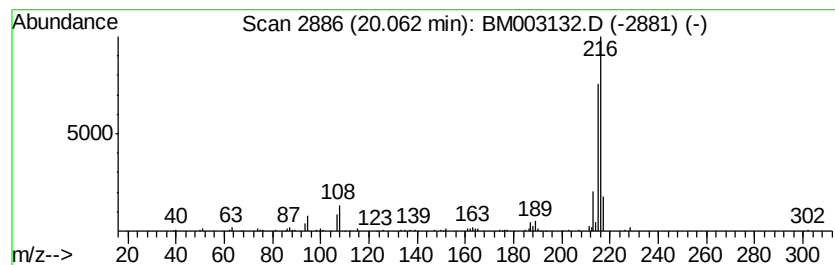
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.29 ng/ul	299545	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003132.D
Acq On : 15 Nov 2015 14:58
Operator : UM/IZ
Sample : G4401-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC792

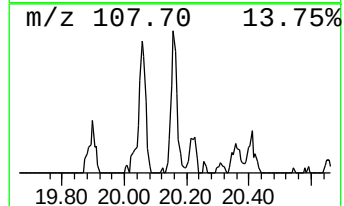
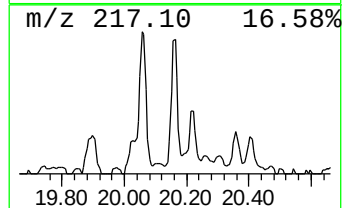
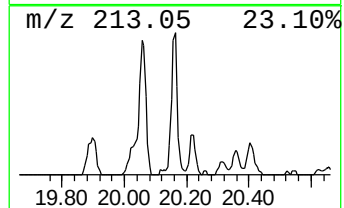
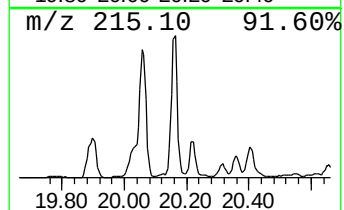
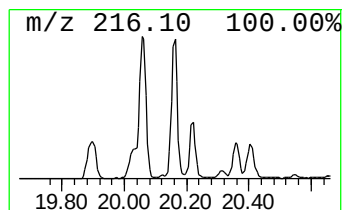
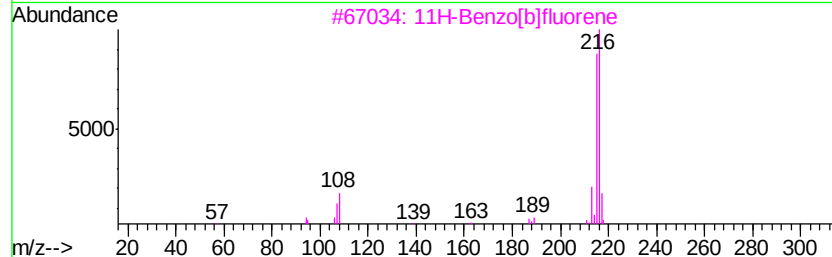
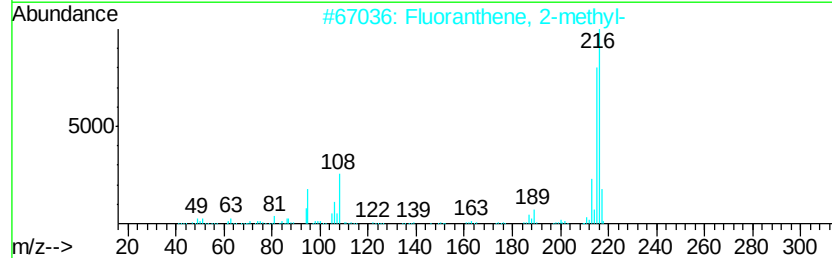
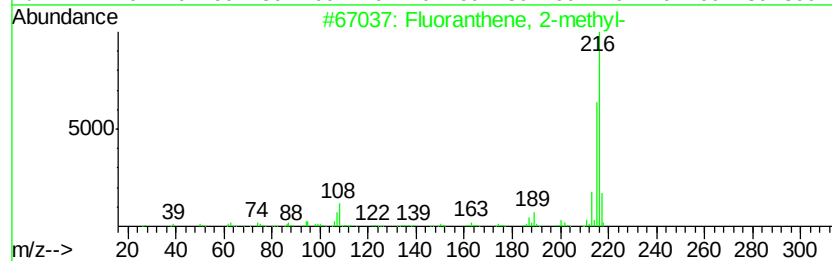
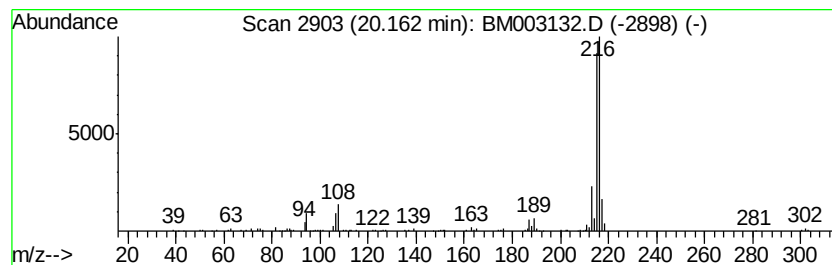
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.00 ng/ul	261388	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003132.D
Acq On : 15 Nov 2015 14:58
Operator : UM/IZ
Sample : G4401-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC792

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.02	2.9	ng/ul	226908	4	17.14	1567200	20.0
Anthracene, 2-met...	18.06	2.4	ng/ul	186123	4	17.14	1567200	20.0
4H-Cyclopenta[def...	18.21	3.6	ng/ul	282315	4	17.14	1567200	20.0
11H-Benzo[b]fluorene	20.06	2.3	ng/ul	299545	5	21.33	2611090	20.0
Fluoranthene, 2-m...	20.16	2.0	ng/ul	261388	5	21.33	2611090	20.0