

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003133.D
 Acq On : 15 Nov 2015 15:34
 Operator : UM/IZ
 Sample : G4401-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC793

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	4.852	295	300	307	rVB2	26156	38725	1.34%	0.109%
2	6.904	642	649	659	rBB	270891	434893	15.05%	1.219%
3	7.075	671	678	688	rBB	231963	359311	12.44%	1.007%
4	7.275	706	712	720	rBB	299088	455193	15.75%	1.276%
5	7.746	785	792	799	rBB	428782	662907	22.94%	1.858%
6	8.445	904	911	919	rBB	353786	553290	19.15%	1.551%
7	8.898	982	988	996	rBB	258235	408799	14.15%	1.146%
8	9.622	1104	1111	1118	rBB	205545	329293	11.40%	0.923%
9	10.151	1195	1201	1211	rBB	337528	545719	18.89%	1.530%
10	10.534	1259	1266	1272	rBV	588793	994789	34.43%	2.789%
11	10.669	1282	1289	1299	rBV	308752	508749	17.61%	1.426%
12	13.798	1815	1821	1825	rVV	649377	880561	30.48%	2.468%
13	13.845	1825	1829	1838	rVB	515114	693249	23.99%	1.943%
14	14.080	1863	1869	1884	rVB	673084	1039525	35.98%	2.914%
15	14.392	1915	1922	1929	rBV2	879899	1305158	45.17%	3.659%
16	14.457	1929	1933	1938	rVB	22885	32406	1.12%	0.091%
17	14.580	1946	1954	1968	rBV	219108	312554	10.82%	0.876%
18	14.804	1985	1992	1997	rVV4	22005	43396	1.50%	0.122%
19	15.245	2063	2067	2073	rVB2	31358	40624	1.41%	0.114%
20	15.386	2083	2091	2096	rBV	936661	1331773	46.09%	3.733%
21	15.439	2096	2100	2104	rVV2	26560	39022	1.35%	0.109%
22	15.498	2104	2110	2116	rVV	180111	238965	8.27%	0.670%
23	15.880	2166	2175	2181	rBV5	17100	39713	1.37%	0.111%
24	16.110	2209	2214	2216	rBV2	36444	48792	1.69%	0.137%
25	16.445	2264	2271	2276	rVV4	26302	54697	1.89%	0.153%
26	16.604	2293	2298	2303	rVV3	17761	36271	1.26%	0.102%
27	16.674	2303	2310	2313	rVV4	29680	52121	1.80%	0.146%
28	16.868	2338	2343	2345	rVV2	21546	36459	1.26%	0.102%
29	16.898	2345	2348	2352	rVV2	28093	42959	1.49%	0.120%
30	16.957	2354	2358	2367	rVB3	22451	41799	1.45%	0.117%
31	17.133	2382	2388	2392	rBV	1051089	1517498	52.52%	4.254%
32	17.174	2392	2395	2400	rVV	357355	504561	17.46%	1.414%
33	17.233	2400	2405	2409	rVV2	975560	1383233	47.87%	3.878%
34	17.268	2409	2411	2416	rVB	179252	198595	6.87%	0.557%

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35	18.010	2532	2537	2542	rVV2	90478	180736	6.26%	0.507%
36	18.057	2542	2545	2550	rVV	126138	174252	6.03%	0.488%
37	18.139	2555	2559	2564	rVV	86243	118420	4.10%	0.332%
38	18.210	2564	2571	2574	rVV3	142512	262305	9.08%	0.735%
39	18.239	2574	2576	2585	rVB	61706	81561	2.82%	0.229%
40	18.462	2610	2614	2618	rBV3	34724	44647	1.55%	0.125%
41	18.515	2618	2623	2627	rVV	72586	95220	3.30%	0.267%
42	18.633	2636	2643	2647	rBV6	17957	33307	1.15%	0.093%
43	18.810	2668	2673	2676	rBV2	32890	41932	1.45%	0.118%
44	18.892	2683	2687	2689	rBV	26981	35116	1.22%	0.098%
45	18.933	2689	2694	2698	rBV	58269	97046	3.36%	0.272%
46	18.998	2701	2705	2708	rVB2	26501	37471	1.30%	0.105%
47	19.068	2713	2717	2721	rBV	28065	45757	1.58%	0.128%
48	19.198	2731	2739	2746	rBV	1160539	1569857	54.33%	4.401%
49	19.309	2753	2758	2761	rBV4	34605	61721	2.14%	0.173%
50	19.351	2761	2765	2768	rVB	89525	116684	4.04%	0.327%
51	19.439	2775	2780	2789	rVV4	58689	101414	3.51%	0.284%
52	19.533	2789	2796	2799	rVV2	1273753	1945212	67.32%	5.453%
53	19.562	2799	2801	2809	rVV	886142	1027605	35.56%	2.881%
54	19.633	2809	2813	2820	rVB3	66713	115122	3.98%	0.323%
55	19.739	2827	2831	2837	rVB	77932	114852	3.97%	0.322%
56	19.886	2850	2856	2864	rBV3	84801	219479	7.60%	0.615%
57	19.974	2868	2871	2874	rBV	34607	40944	1.42%	0.115%
58	20.027	2874	2880	2881	rVV3	71871	113882	3.94%	0.319%
59	20.056	2881	2885	2892	rVB	240631	354883	12.28%	0.995%
60	20.156	2898	2902	2906	rBV	219927	309912	10.73%	0.869%
61	20.215	2906	2912	2917	rVV2	117817	232514	8.05%	0.652%
62	20.298	2923	2926	2932	rVV4	24088	45656	1.58%	0.128%
63	20.356	2932	2936	2939	rVV2	58627	79842	2.76%	0.224%
64	20.404	2939	2944	2949	rVV3	68876	128030	4.43%	0.359%
65	20.456	2951	2953	2957	rVB	49140	55838	1.93%	0.157%
66	20.662	2983	2988	2990	rBV3	43483	78275	2.71%	0.219%
67	20.709	2994	2996	3000	rVB2	64791	74026	2.56%	0.208%
68	20.768	3000	3006	3010	rBV4	62948	114904	3.98%	0.322%
69	20.815	3011	3014	3018	rVB3	27196	40440	1.40%	0.113%
70	20.974	3038	3041	3044	rBV	76513	94240	3.26%	0.264%
71	21.015	3044	3048	3050	rVV	90330	115442	4.00%	0.324%

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72	21.045	3050	3053	3059	rVB2	70020	126947	4.39%	0.356%
73	21.156	3069	3072	3075	rVB	43268	40734	1.41%	0.114%
74	21.215	3080	3082	3084	rVV2	44680	47894	1.66%	0.134%
75	21.245	3084	3087	3090	rVB2	55729	64210	2.22%	0.180%
76	21.327	3094	3101	3105	rVV2	1594932	2889433	100.00%	8.100%
77	21.362	3105	3107	3116	rVB	557176	691069	23.92%	1.937%
78	21.480	3123	3127	3133	rBV	96193	147997	5.12%	0.415%
79	21.533	3133	3136	3140	rVV	49581	66159	2.29%	0.185%
80	21.639	3149	3154	3160	rBV5	70946	139360	4.82%	0.391%
81	21.880	3189	3195	3199	rBV	132735	220510	7.63%	0.618%
82	22.039	3218	3222	3225	rVV2	54304	68678	2.38%	0.193%
83	22.080	3225	3229	3232	rVV3	73166	121047	4.19%	0.339%
84	22.115	3232	3235	3240	rVB3	95432	133136	4.61%	0.373%
85	22.180	3242	3246	3254	rVB5	43151	70478	2.44%	0.198%
86	22.386	3277	3281	3285	rBV7	36380	69541	2.41%	0.195%
87	22.515	3299	3303	3314	rVB	124314	242931	8.41%	0.681%
88	22.656	3324	3327	3331	rBV	29139	44615	1.54%	0.125%
89	22.909	3363	3370	3375	rBV	408651	1003908	34.74%	2.814%
90	23.080	3394	3399	3408	rVB	151173	259059	8.97%	0.726%
91	23.215	3419	3422	3424	rBV2	26273	35484	1.23%	0.099%
92	23.297	3433	3436	3440	rBV4	28595	45334	1.57%	0.127%
93	23.392	3447	3452	3456	rBV	201765	385820	13.35%	1.082%
94	23.445	3456	3461	3465	rVV	815044	1497254	51.82%	4.197%
95	23.492	3465	3469	3476	rVB	418969	767414	26.56%	2.151%
96	23.592	3478	3486	3491	rBV	887575	1748792	60.52%	4.902%
97	23.639	3491	3494	3503	rVB2	121805	223885	7.75%	0.628%
98	24.462	3629	3634	3645	rVB3	35552	83453	2.89%	0.234%
99	25.868	3865	3873	3885	rVB2	175693	536750	18.58%	1.505%
100	26.574	3984	3993	4004	rBV2	95064	295920	10.24%	0.830%

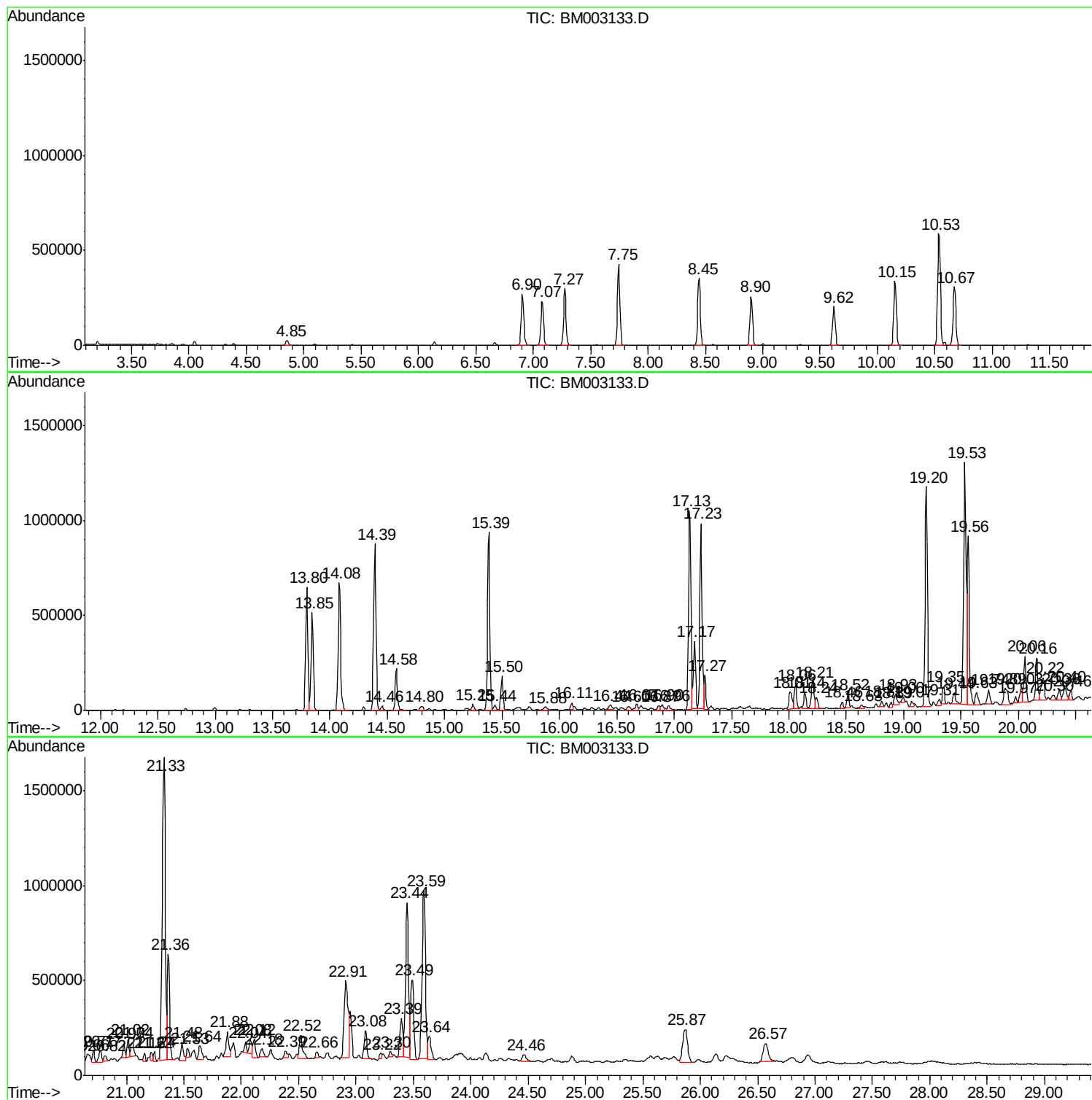
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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



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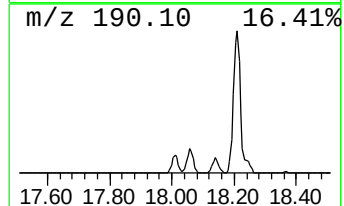
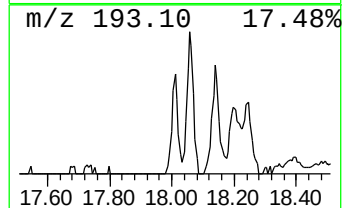
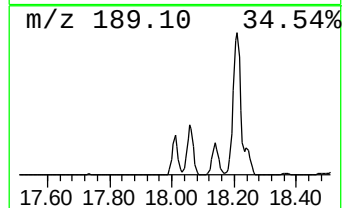
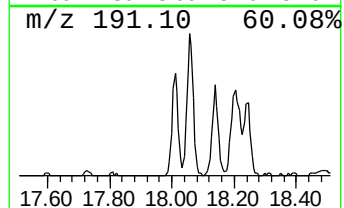
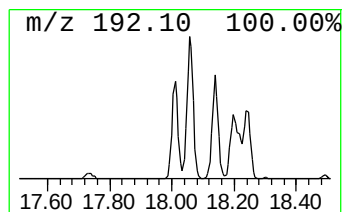
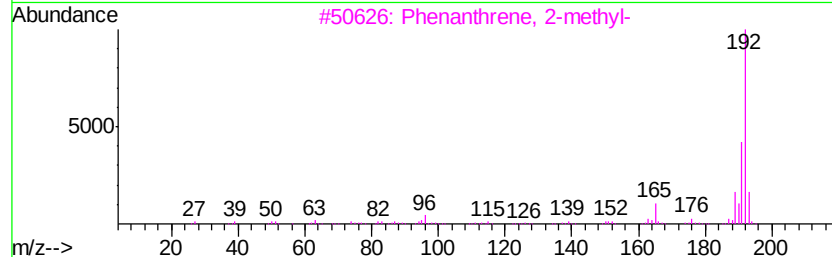
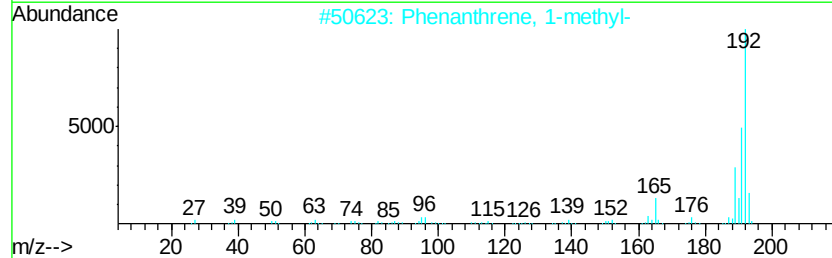
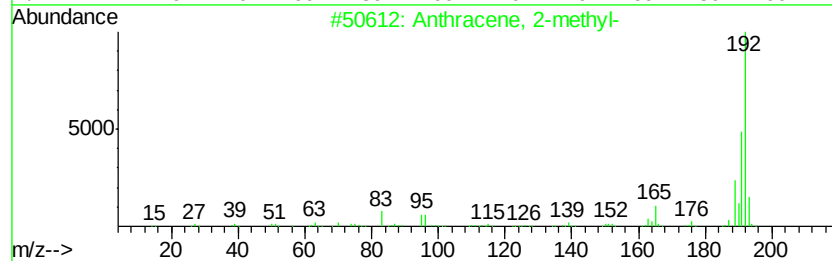
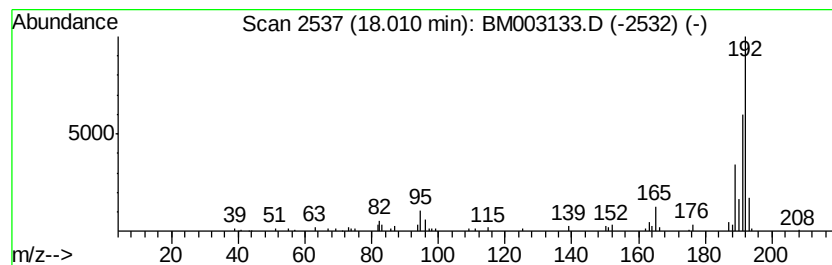
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.38 ng/ul	180736	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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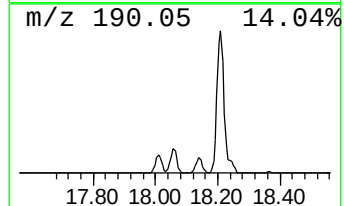
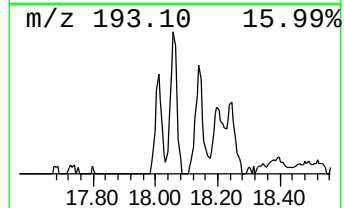
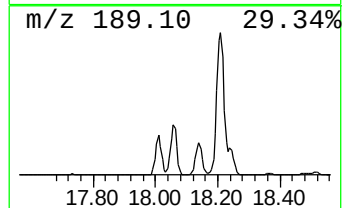
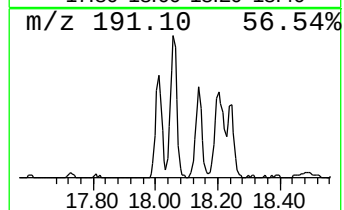
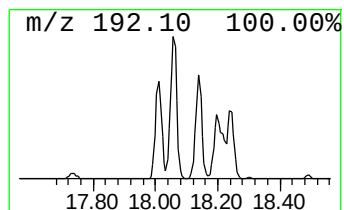
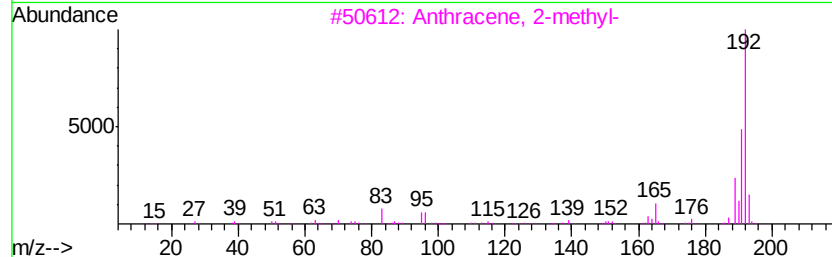
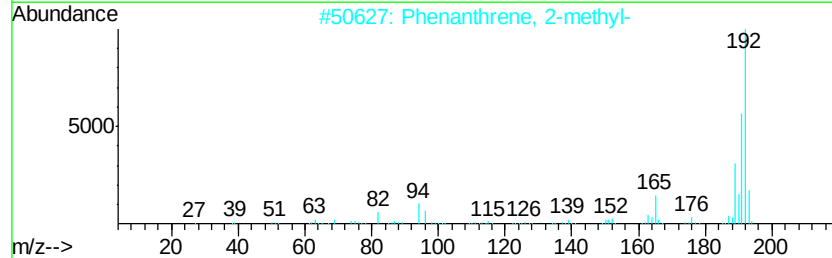
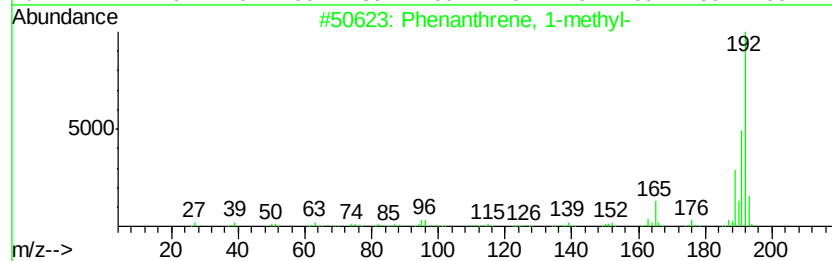
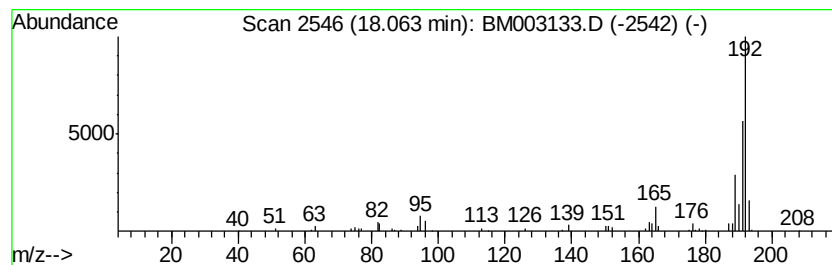
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.06	2.30 ng/ul	174252	Phenanthrene-d10	17.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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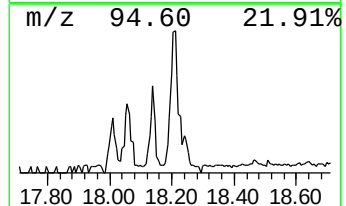
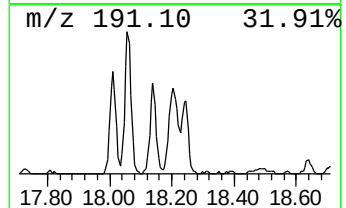
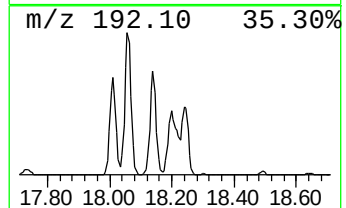
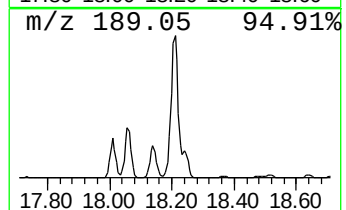
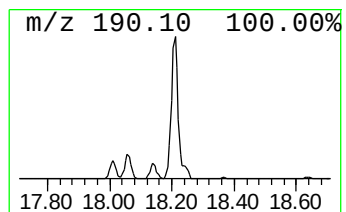
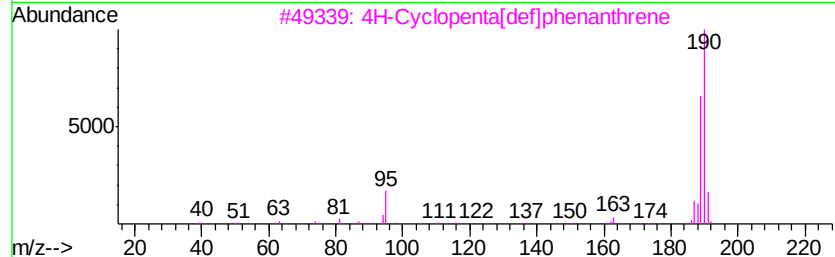
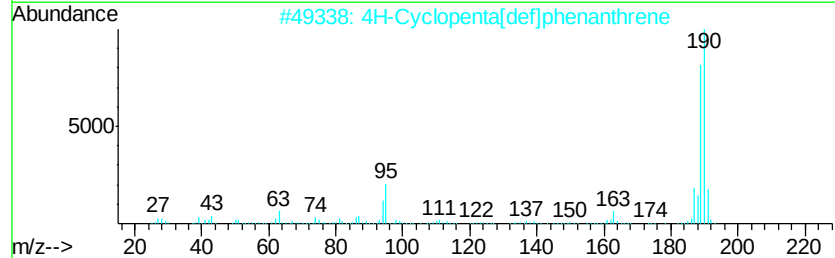
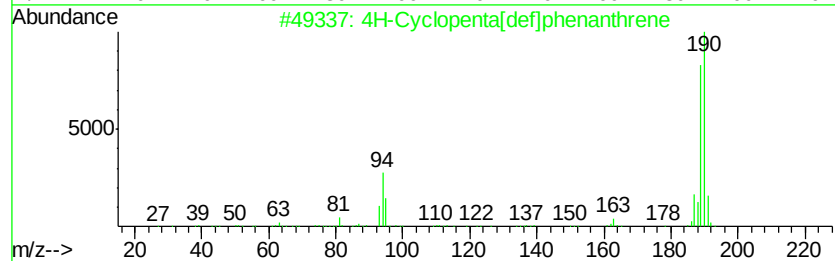
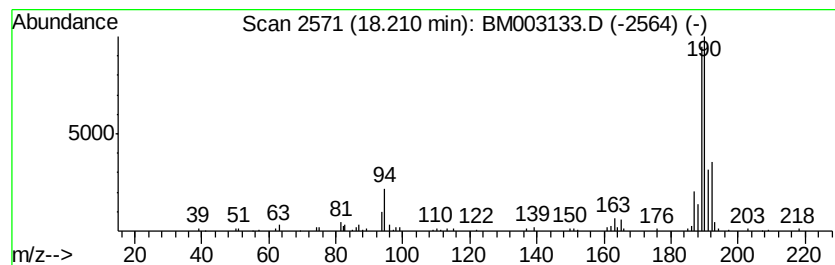
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.46 ng/ul	262305	Phenanthrene-d10	17.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5		Methyl diselenide	190	C2H6Se2	007101-31-7	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003133.D
Acq On : 15 Nov 2015 15:34
Operator : UM/IZ
Sample : G4401-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC793

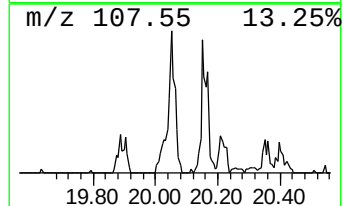
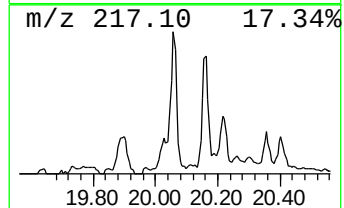
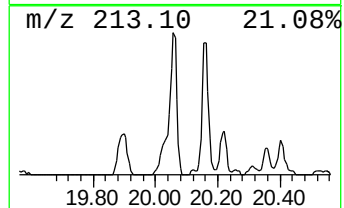
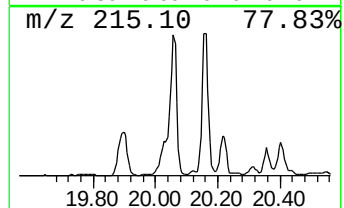
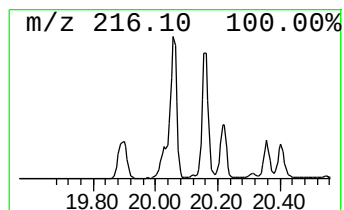
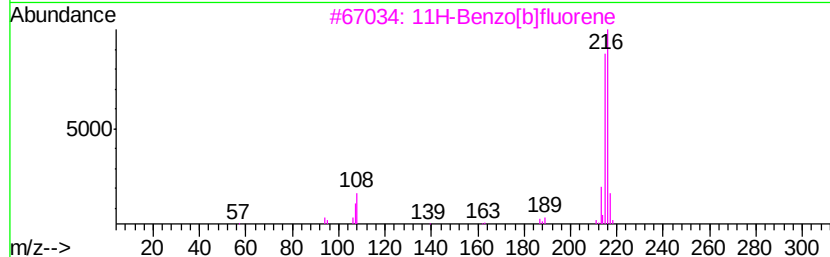
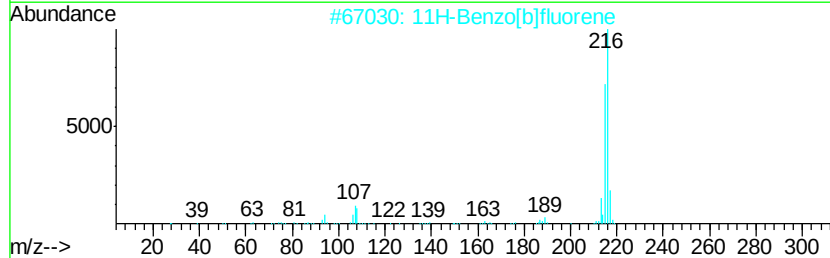
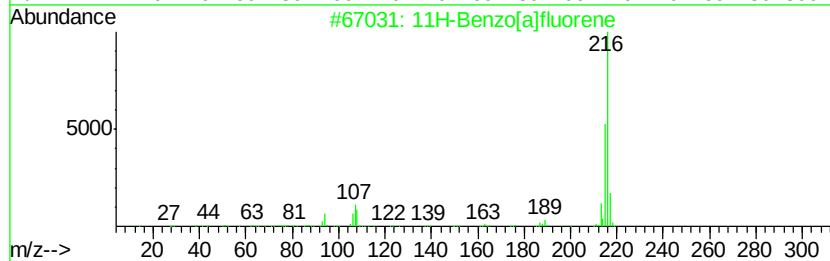
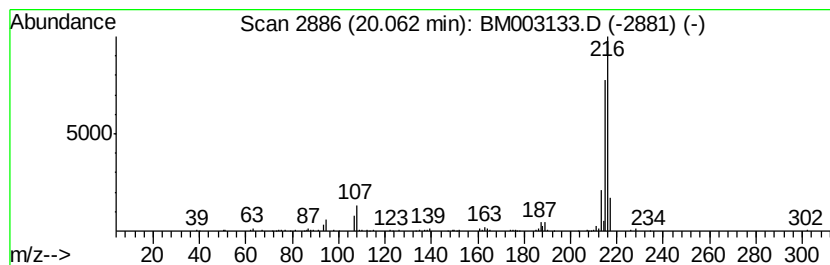
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.46 ng/ul	354883	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003133.D
Acq On : 15 Nov 2015 15:34
Operator : UM/IZ
Sample : G4401-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

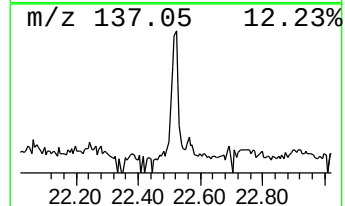
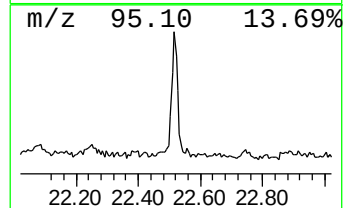
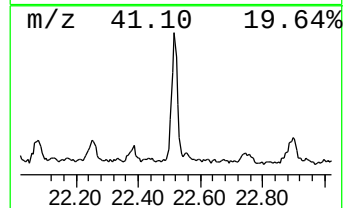
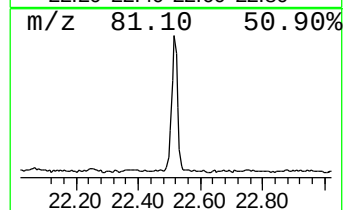
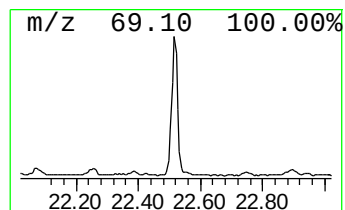
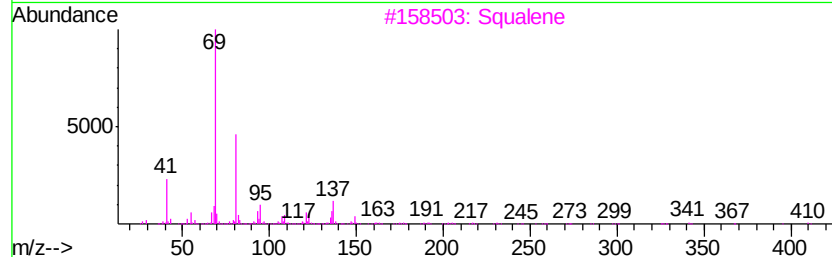
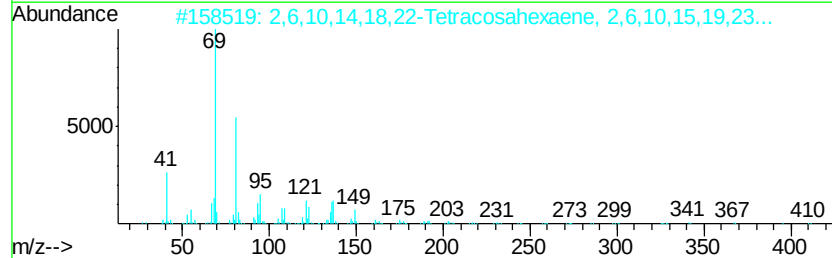
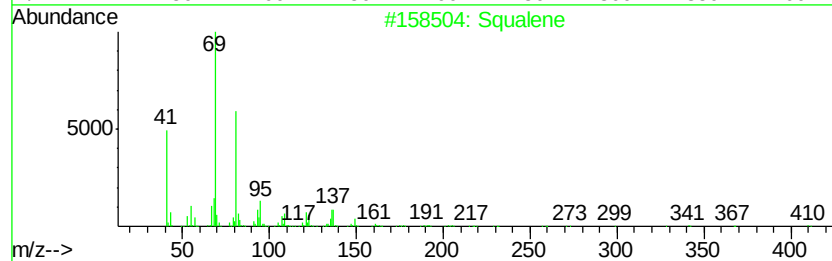
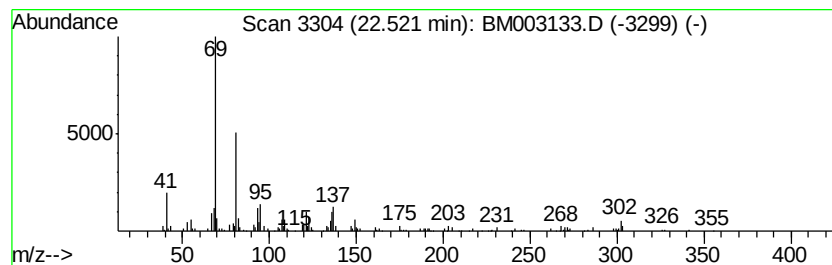
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.78 ng/ul	242931	Perylene-d12	23.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 87
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 83
3	Squalene		410 C30H50	007683-64-9 83
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 80
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003133.D
Acq On : 15 Nov 2015 15:34
Operator : UM/IZ
Sample : G4401-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC793

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
Anthracene, 2-met...	18.01	2.4	ng/ul	180736	4	17.13	1517500	20.0
Phenanthrene, 1-m...	18.06	2.3	ng/ul	174252	4	17.13	1517500	20.0
4H-Cyclopenta[def...	18.21	3.5	ng/ul	262305	4	17.13	1517500	20.0
11H-Benzo[a]fluorene	20.06	2.5	ng/ul	354883	5	21.33	2889430	20.0
Squalene	22.52	2.8	ng/ul	242931	6	23.59	1748790	20.0