

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023206.D
 Acq On : 17 Oct 2019 00:33
 Operator : JU
 Sample : K5262-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB74

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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	3.175	29	32	38	rVB	55937	79725	0.76%	0.061%
2	3.681	113	118	125	rVV	147545	203624	1.94%	0.155%
3	5.675	452	457	472	rBV3	57693	161430	1.54%	0.123%
4	6.834	647	654	663	rVV2	991154	1804140	17.22%	1.372%
5	6.998	675	682	690	rBV	736207	1193145	11.39%	0.907%
6	7.198	709	716	724	rVB	1025957	1627528	15.54%	1.238%
7	7.334	729	739	747	rBV5	80122	219211	2.09%	0.167%
8	7.663	788	795	805	rBV	1564187	2465581	23.54%	1.875%
9	8.198	876	886	896	rBV3	62191	168815	1.61%	0.128%
10	8.369	908	915	922	rVV	1117050	1803524	17.22%	1.372%
11	8.634	952	960	963	rBV2	70064	141518	1.35%	0.108%
12	8.810	983	990	996	rVV	901007	1511348	14.43%	1.149%
13	8.939	1005	1012	1018	rVV7	28364	83361	0.80%	0.063%
14	9.298	1068	1073	1079	rVB2	40844	69864	0.67%	0.053%
15	9.475	1099	1103	1106	rVV2	42684	70077	0.67%	0.053%
16	9.528	1106	1112	1120	rVV	723735	1177490	11.24%	0.896%
17	9.886	1166	1173	1179	rBV4	53944	115055	1.10%	0.088%
18	9.992	1187	1191	1197	rVV2	71746	140973	1.35%	0.107%
19	10.069	1197	1204	1216	rVB	1208994	2119272	20.23%	1.612%
20	10.322	1240	1247	1255	rVB5	83214	177520	1.69%	0.135%
21	10.445	1260	1268	1274	rBV	2030468	3414237	32.59%	2.597%
22	10.492	1274	1276	1282	rVB	101281	150688	1.44%	0.115%
23	10.575	1284	1290	1301	rBV	695779	1263748	12.06%	0.961%
24	10.963	1350	1356	1365	rBV	55306	109534	1.05%	0.083%
25	11.098	1372	1379	1384	rBV2	64101	111011	1.06%	0.084%
26	11.510	1438	1449	1450	rBV9	28988	75672	0.72%	0.058%
27	12.110	1543	1551	1561	rVB2	77884	187226	1.79%	0.142%
28	12.333	1585	1589	1595	rBV	46463	86255	0.82%	0.066%
29	12.757	1656	1661	1668	rVB	167216	264661	2.53%	0.201%
30	13.633	1803	1810	1815	rVV2	76264	143539	1.37%	0.109%
31	13.727	1820	1826	1830	rVV	2049746	2991139	28.55%	2.275%
32	13.769	1830	1833	1838	rVB	599636	831676	7.94%	0.633%
33	13.998	1865	1872	1886	rBV	2490645	4100471	39.14%	3.119%
34	14.127	1889	1894	1907	rVB2	76599	221139	2.11%	0.168%

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35	14.310	1918	1925	1931	rBV2	2899195	4269784	40.76%	3.247%
36	14.374	1931	1936	1941	rVB	132306	184392	1.76%	0.140%
37	14.498	1951	1957	1970	rBV	577756	927765	8.86%	0.706%
38	14.727	1988	1996	2003	rVV3	150755	387417	3.70%	0.295%
39	14.792	2003	2007	2012	rVB2	54459	90822	0.87%	0.069%
40	15.198	2070	2076	2081	rVB3	51775	112477	1.07%	0.086%
41	15.304	2088	2094	2100	rBV	3075696	4417473	42.17%	3.360%
42	15.363	2100	2104	2109	rVB	133202	194639	1.86%	0.148%
43	15.421	2109	2114	2122	rBV	429287	605614	5.78%	0.461%
44	15.657	2150	2154	2157	rBV	53755	73659	0.70%	0.056%
45	15.804	2176	2179	2188	rVB2	67300	147917	1.41%	0.112%
46	15.886	2188	2193	2200	rBV10	37324	83740	0.80%	0.064%
47	16.092	2226	2228	2234	rVB	66268	81103	0.77%	0.062%
48	16.368	2271	2275	2279	rVB3	86890	135600	1.29%	0.103%
49	16.415	2279	2283	2289	rVB3	65329	99626	0.95%	0.076%
50	16.633	2317	2320	2324	rVB4	88707	119200	1.14%	0.091%
51	16.709	2329	2333	2341	rVB3	106198	200383	1.91%	0.152%
52	16.810	2344	2350	2355	rBV7	69474	178476	1.70%	0.136%
53	16.868	2357	2360	2364	rVB	101962	150097	1.43%	0.114%
54	17.057	2386	2392	2395	rBV	3208885	4539344	43.33%	3.452%
55	17.098	2395	2399	2403	rVV	2202587	3159093	30.16%	2.403%
56	17.151	2403	2408	2412	rVV2	3268490	4762931	45.47%	3.622%
57	17.186	2412	2414	2420	rVV	674612	778888	7.44%	0.592%
58	17.245	2421	2424	2430	rVB4	97539	173524	1.66%	0.132%
59	17.451	2456	2459	2465	rVB	179993	277749	2.65%	0.211%
60	17.639	2487	2491	2501	rVB3	128770	255099	2.44%	0.194%
61	17.933	2536	2541	2545	rBV	440057	635459	6.07%	0.483%
62	17.980	2545	2549	2556	rVV	1042123	1409972	13.46%	1.072%
63	18.045	2556	2560	2567	rVV2	470468	840164	8.02%	0.639%
64	18.121	2568	2573	2578	rVV2	770126	1510528	14.42%	1.149%
65	18.162	2578	2580	2589	rVB	369758	508800	4.86%	0.387%
66	18.433	2623	2626	2629	rBV	241381	323545	3.09%	0.246%
67	18.468	2629	2632	2640	rVB2	259685	385403	3.68%	0.293%
68	18.686	2666	2669	2674	rVB	180283	208236	1.99%	0.158%
69	18.739	2675	2678	2680	rBV	119311	122323	1.17%	0.093%
70	18.856	2693	2698	2703	rBV	504844	824023	7.87%	0.627%
71	18.921	2705	2709	2712	rVB3	204088	323046	3.08%	0.246%

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72	18.992	2718	2721	2729	rVB4	324393	578759	5.53%	0.440%
73	19.115	2737	2742	2748	rVB	4970959	6516478	62.21%	4.956%
74	19.268	2765	2768	2772	rBV2	263899	330186	3.15%	0.251%
75	19.451	2794	2799	2801	rBV	4504526	6060294	57.85%	4.609%
76	19.480	2801	2804	2813	rVB	4730690	6263241	59.79%	4.763%
77	19.662	2832	2835	2838	rBV	255330	282067	2.69%	0.215%
78	19.715	2841	2844	2853	rVB2	316372	538752	5.14%	0.410%
79	19.809	2856	2860	2866	rBV3	409785	840991	8.03%	0.640%
80	19.945	2880	2883	2885	rBV3	241824	361685	3.45%	0.275%
81	19.980	2886	2889	2894	rVB	737684	1011502	9.66%	0.769%
82	20.080	2903	2906	2909	rBV	443522	509080	4.86%	0.387%
83	20.139	2913	2916	2920	rVB2	529286	660904	6.31%	0.503%
84	20.274	2936	2939	2943	rBV	417396	536048	5.12%	0.408%
85	20.321	2944	2947	2952	rVB	373177	497602	4.75%	0.378%
86	20.727	3013	3016	3023	rVB	516509	781099	7.46%	0.594%
87	20.933	3048	3051	3054	rVB	402878	418253	3.99%	0.318%
88	20.986	3054	3060	3065	rBV5	1099431	2318539	22.13%	1.763%
89	21.192	3093	3095	3098	rBV2	458561	540463	5.16%	0.411%
90	21.239	3098	3103	3108	rVV2	5147228	10475152	100.00%	7.967%
91	21.280	3108	3110	3121	rVB	2917845	3618574	34.54%	2.752%
92	21.397	3128	3130	3134	rBV	352135	372262	3.55%	0.283%
93	21.439	3135	3137	3141	rVV	402581	431105	4.12%	0.328%
94	21.880	3209	3212	3216	rBV	513610	618532	5.90%	0.470%
95	22.797	3363	3368	3373	rBV	2551025	5540866	52.90%	4.214%
96	23.268	3444	3448	3452	rBV	1280087	2111312	20.16%	1.606%
97	23.321	3452	3457	3460	rVV	2662408	4718915	45.05%	3.589%
98	23.362	3461	3464	3470	rVB	2264462	3474717	33.17%	2.643%
99	23.456	3476	3480	3485	rVB	2661944	4188148	39.98%	3.185%
100	25.680	3852	3858	3872	rVB2	1409793	4106643	39.20%	3.123%

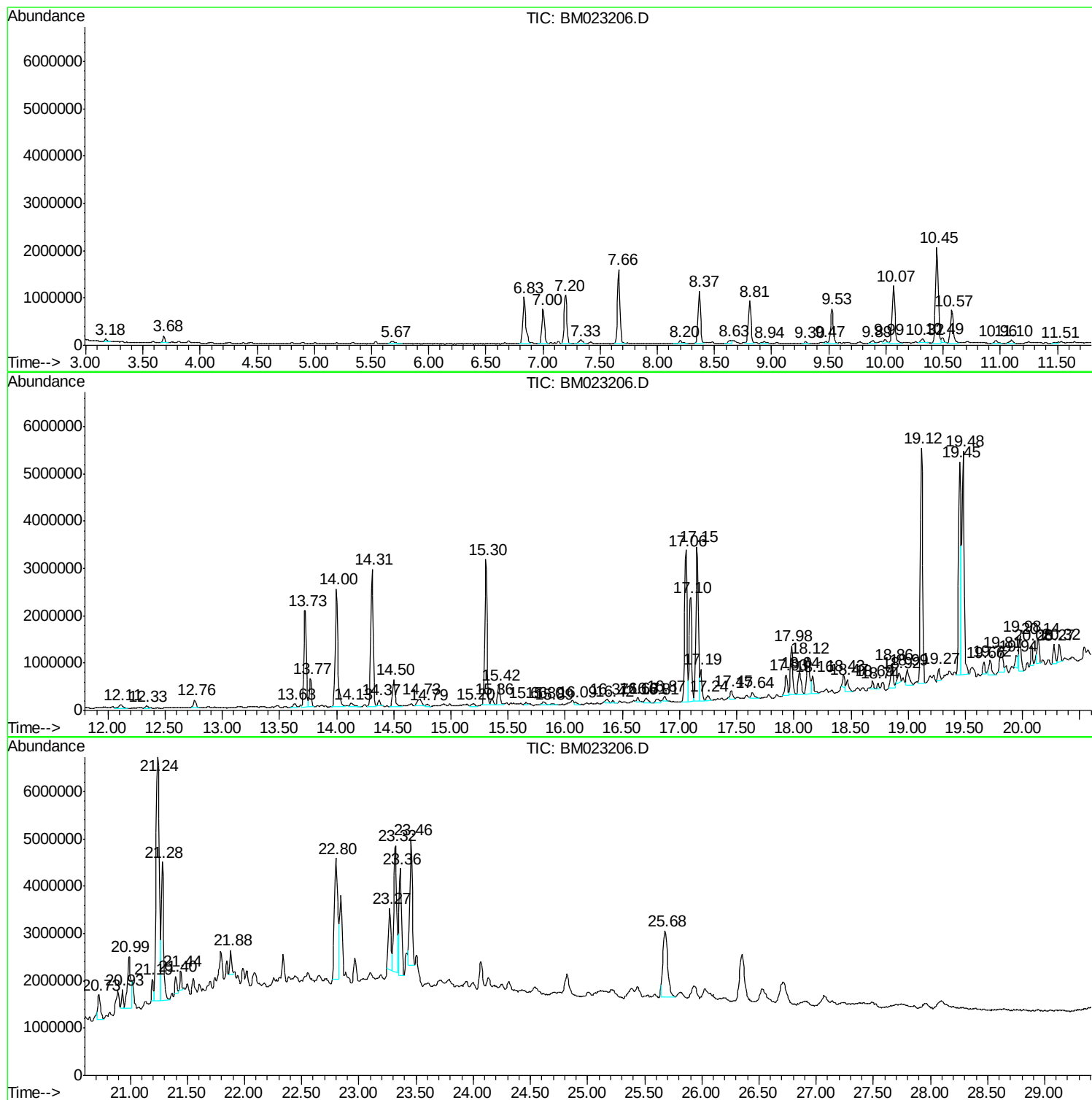
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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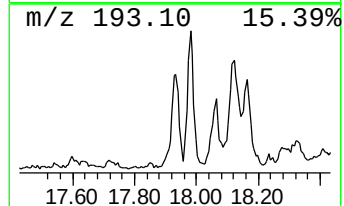
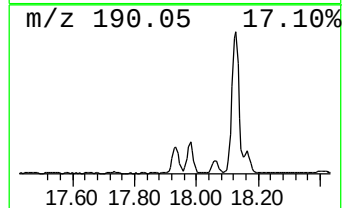
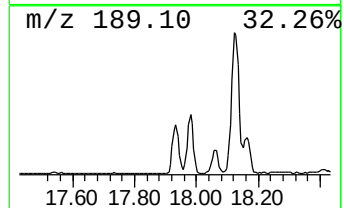
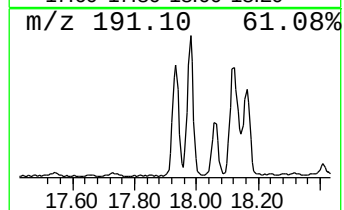
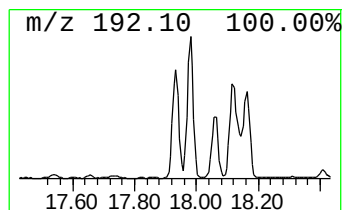
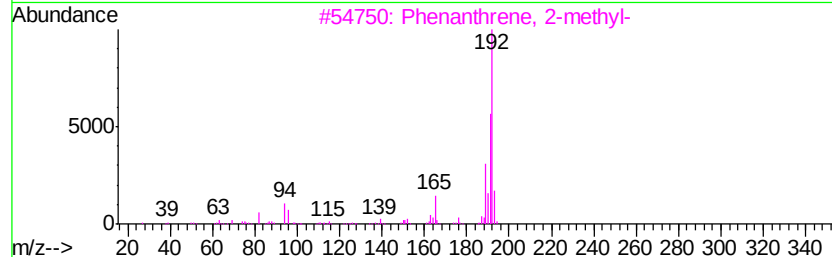
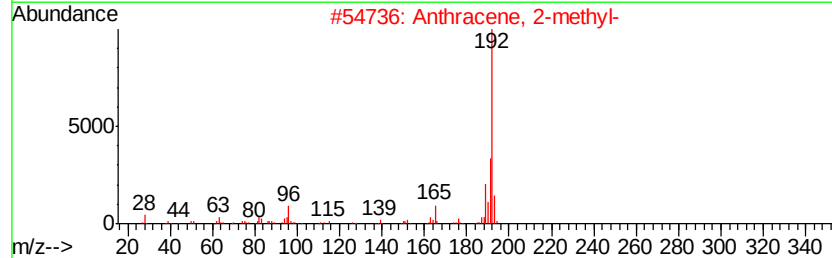
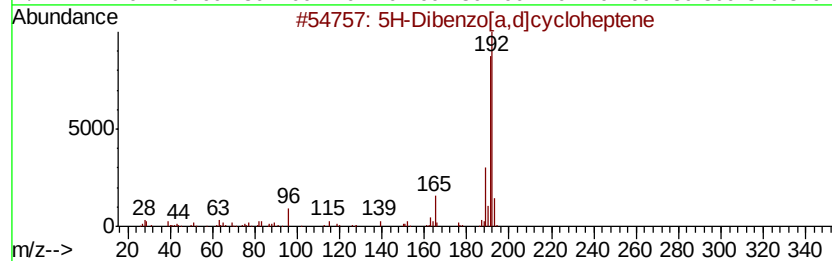
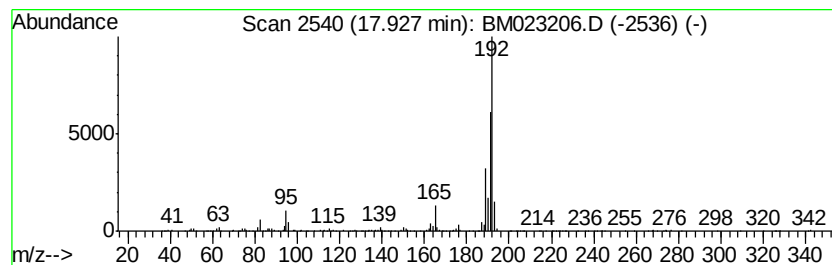
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 5H-Dibenzo[a,d]cycloheptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.80 ng/ul	635459	Phenanthrene-d10	17.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94	
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93	
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93	



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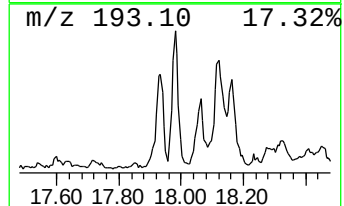
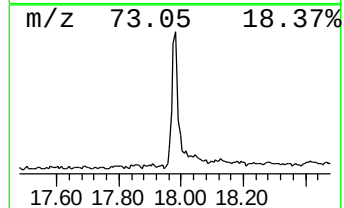
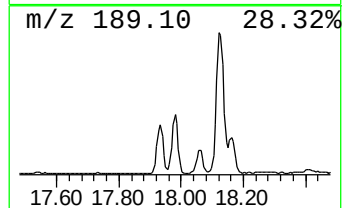
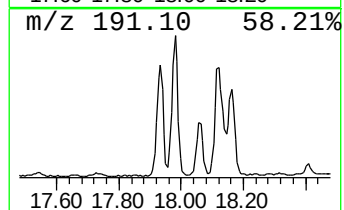
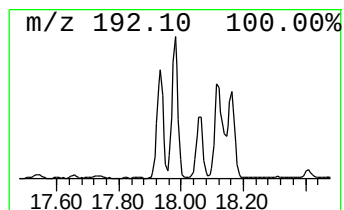
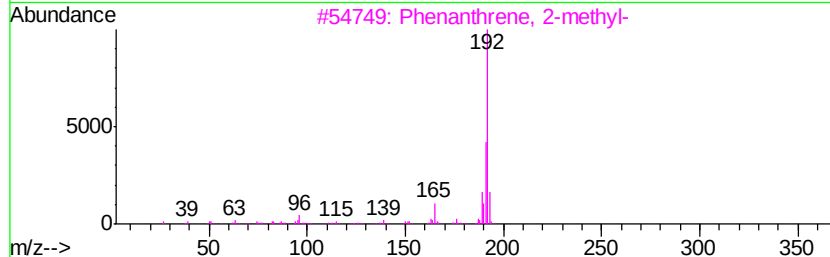
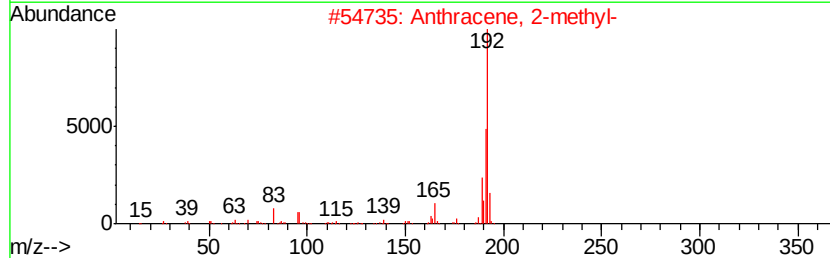
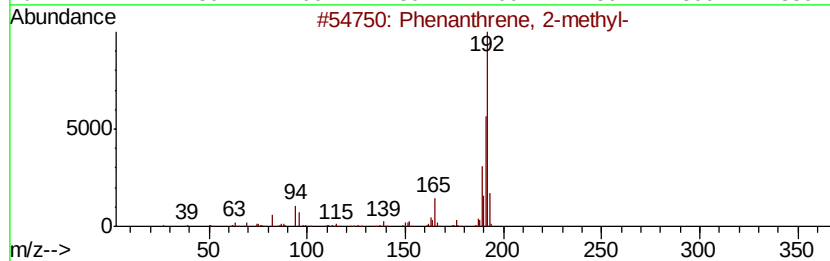
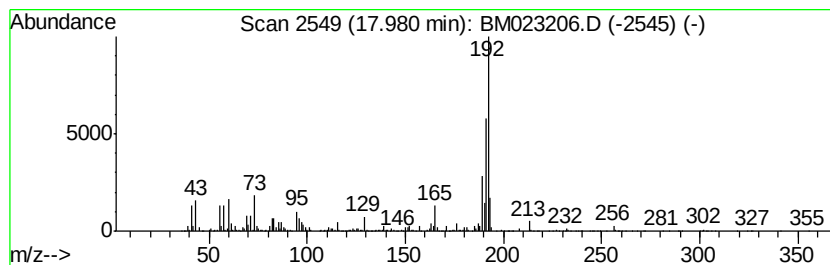
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.98	6.21 ng/ul	1409970	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



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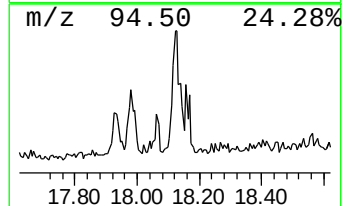
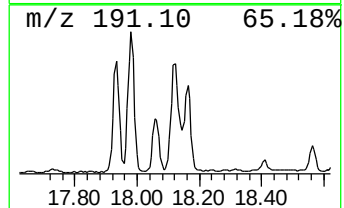
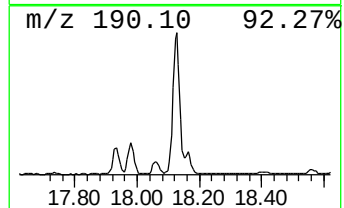
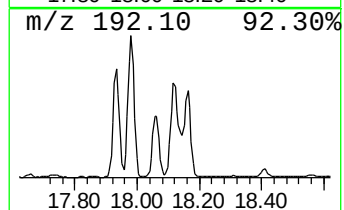
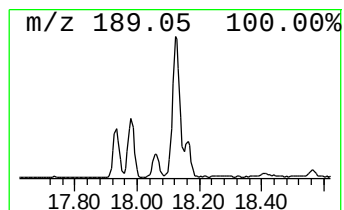
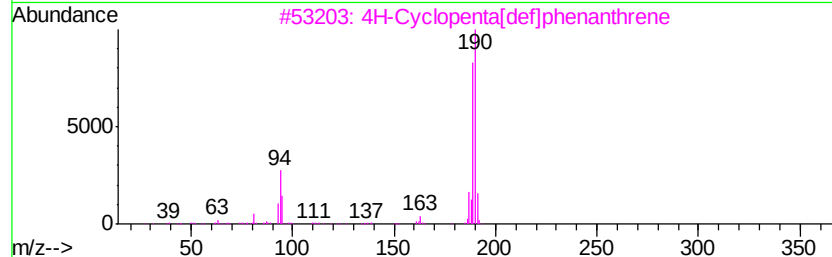
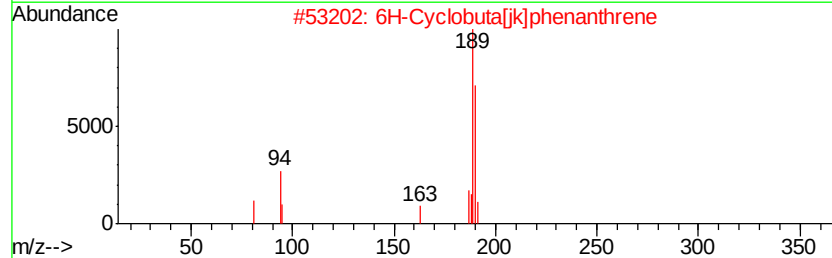
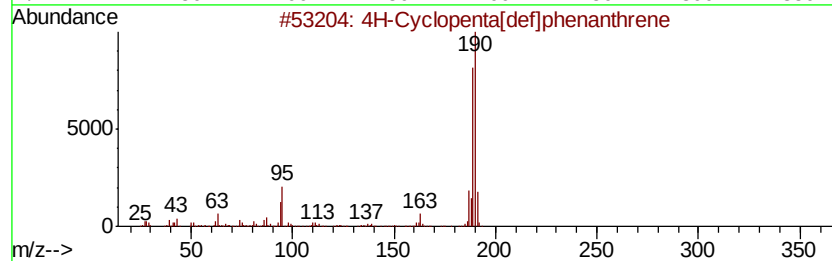
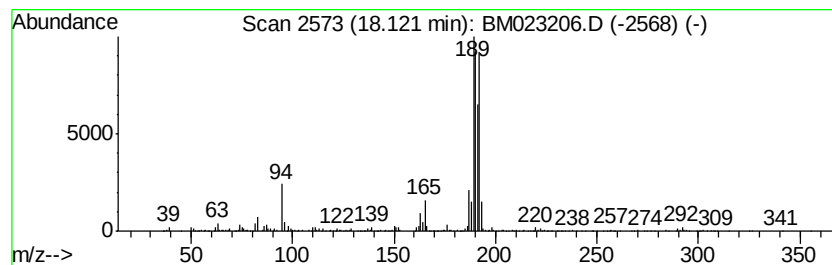
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	6.66 ng/ul	1510530	Phenanthrene-d10	17.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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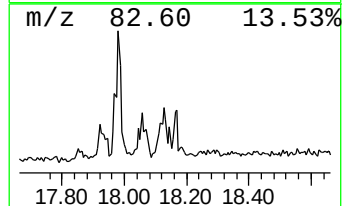
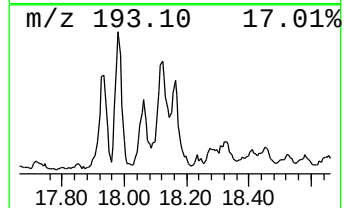
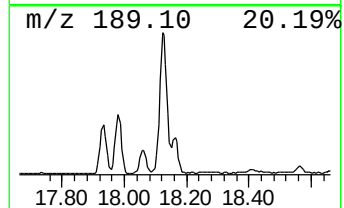
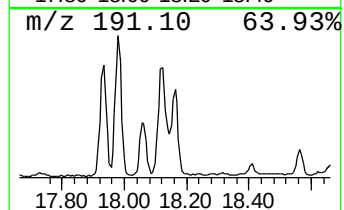
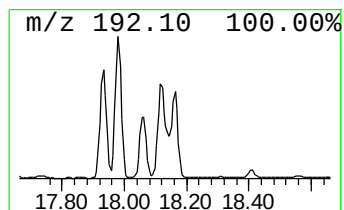
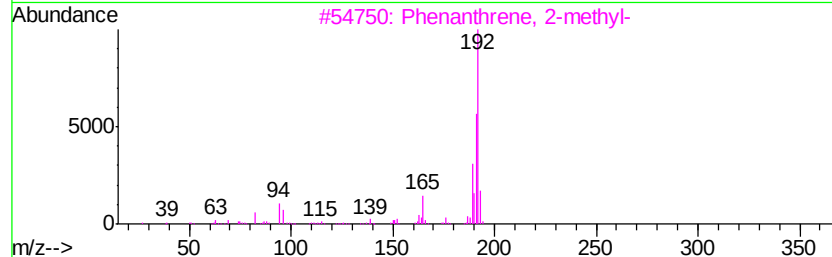
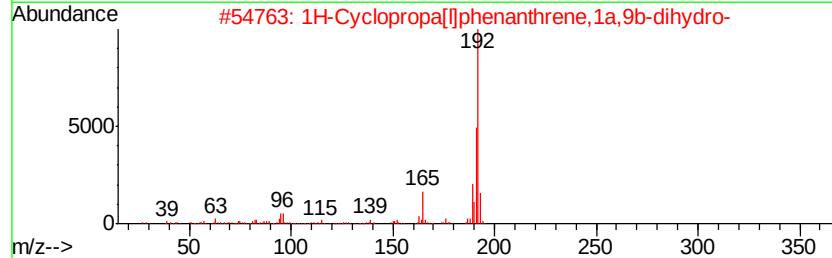
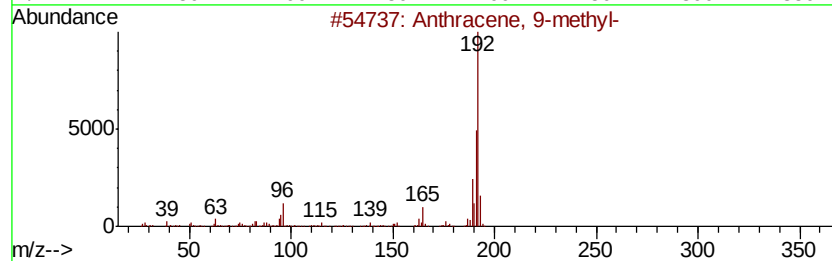
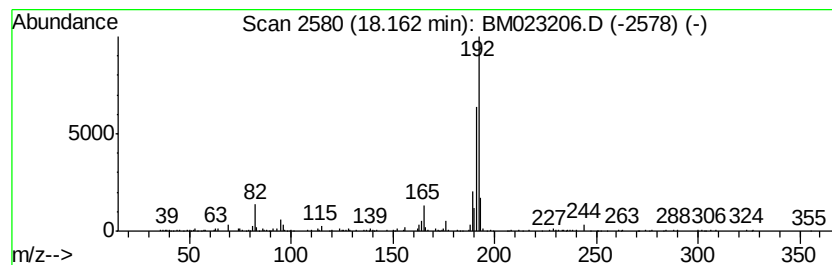
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.24 ng/ul	508800	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
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Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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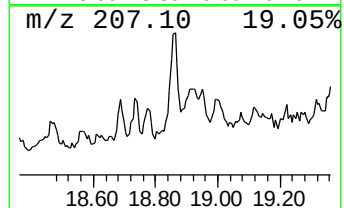
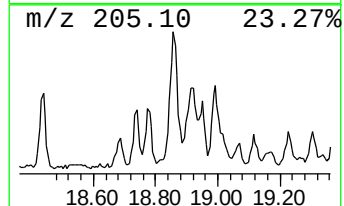
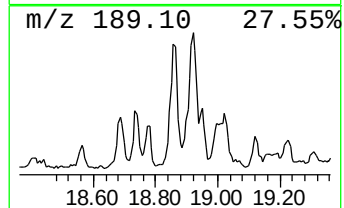
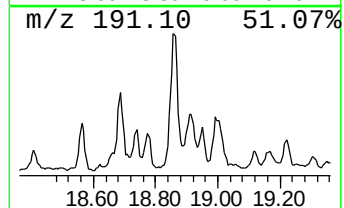
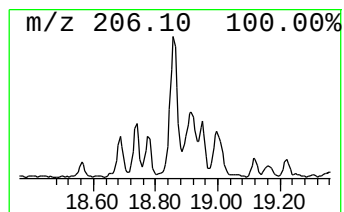
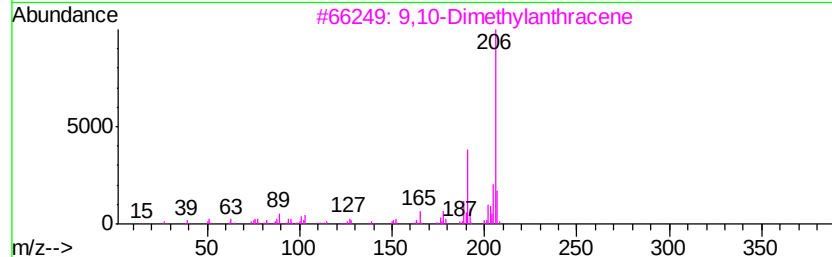
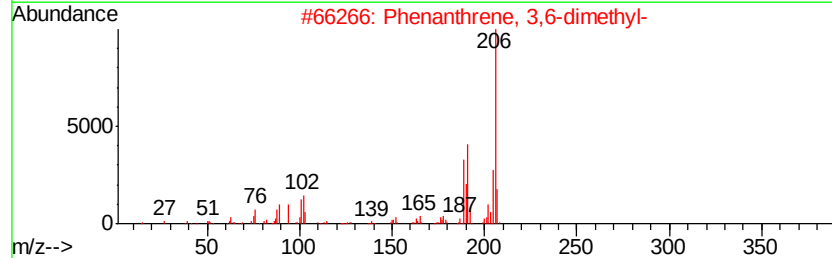
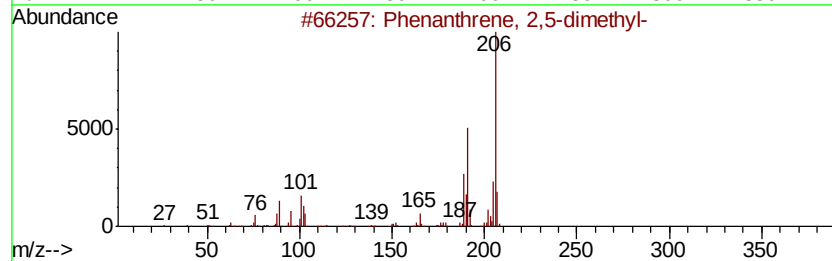
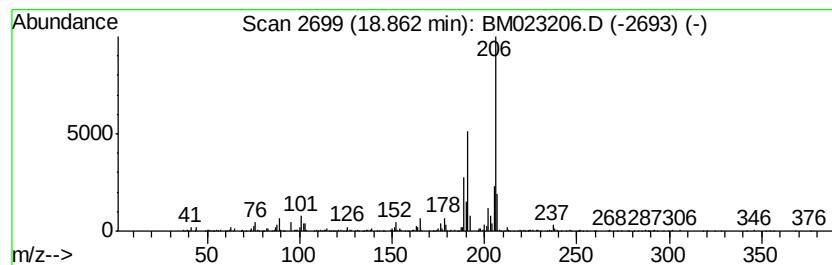
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.63 ng/ul	824023	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

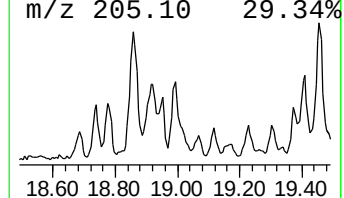
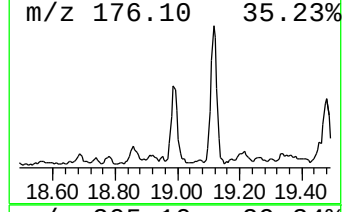
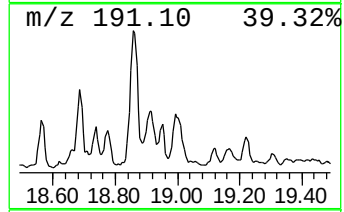
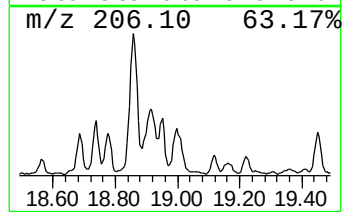
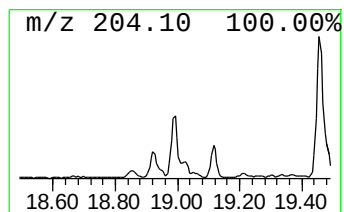
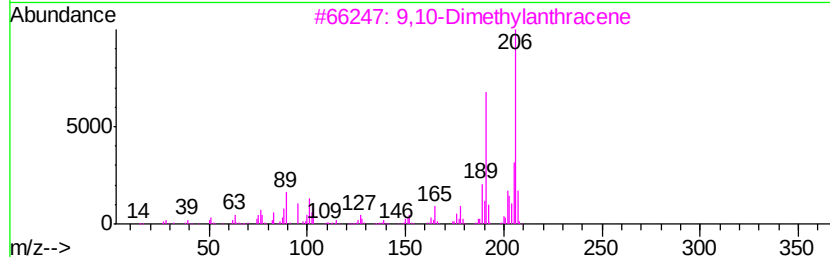
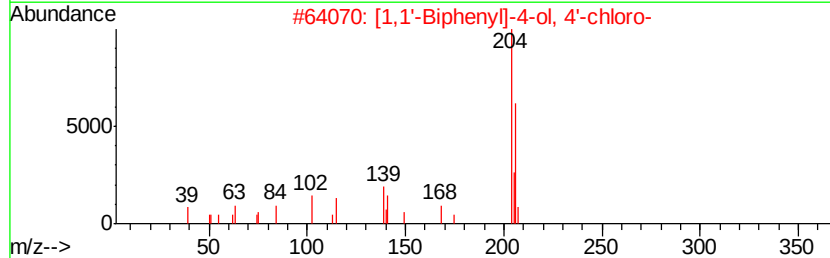
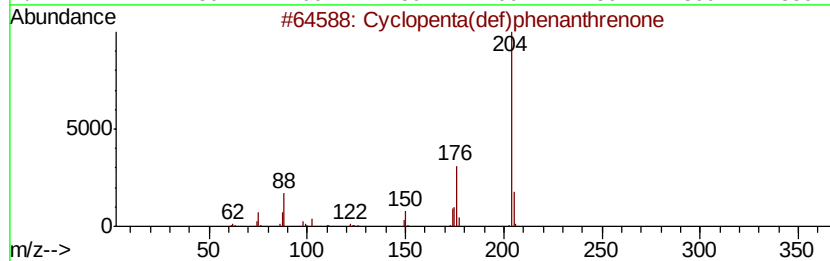
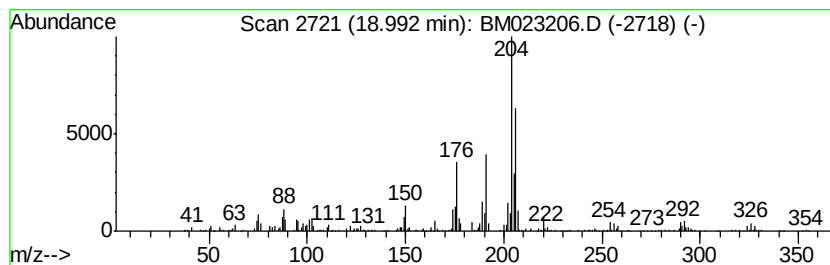
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.99	2.55 ng/ul	578759	Phenanthrene-d10		17.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	42
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	35
5			2H,6H-Pyrido[2,1-b]-1,3-thiazine...	206	C10H10N2OS	1000277-29-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

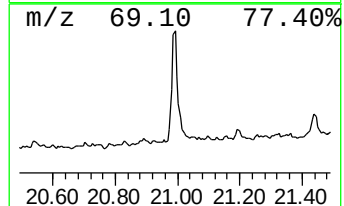
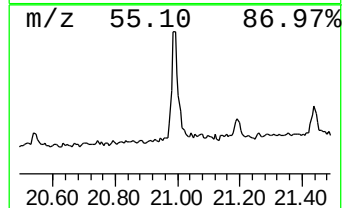
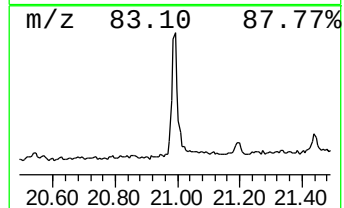
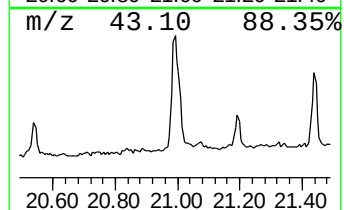
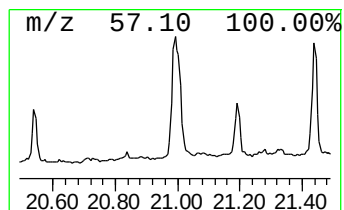
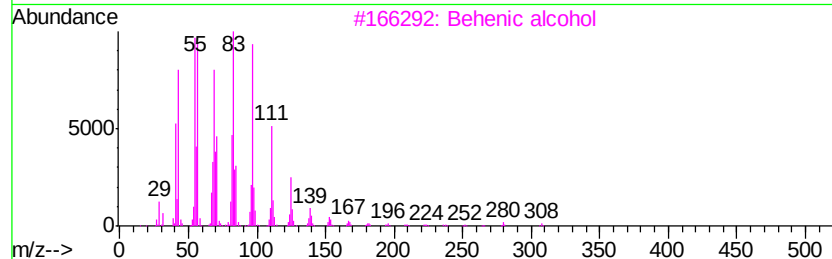
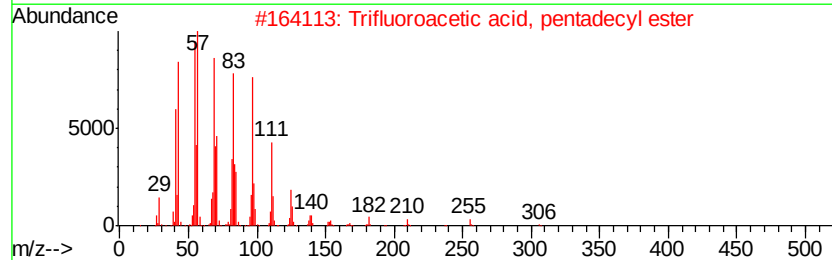
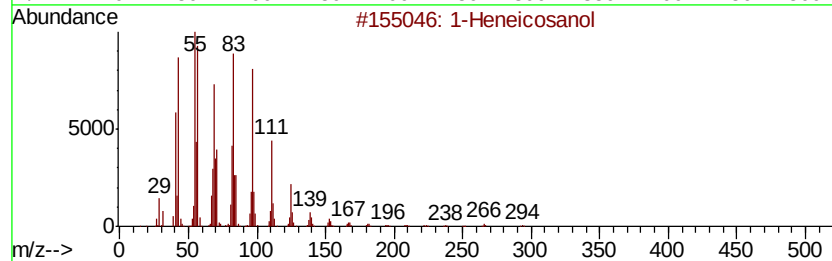
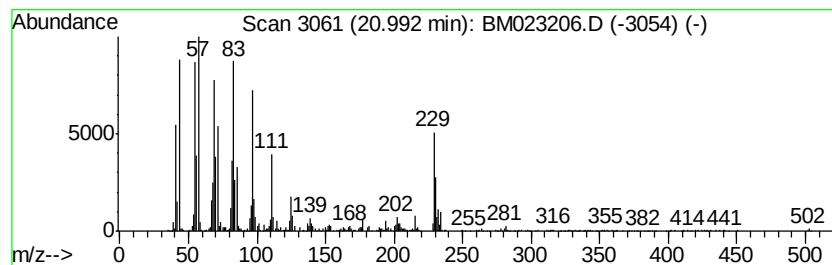
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.43 ng/ul	2318540	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	86
2	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	86
3	Behenic alcohol	326 C22H46O	000661-19-8	86
4	n-Nonadecanol-1	284 C19H40O	001454-84-8	86
5	n-Nonadecanol-1	284 C19H40O	001454-84-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
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Instrument :
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ClientSampleId :
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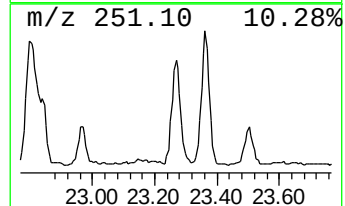
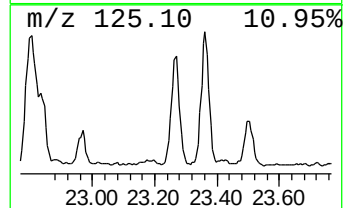
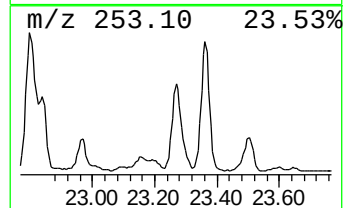
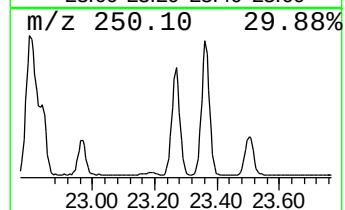
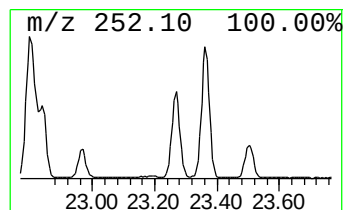
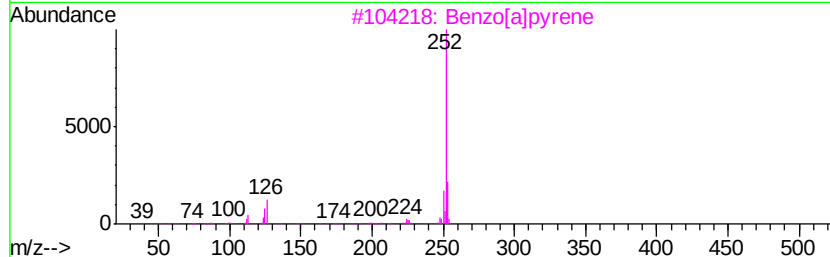
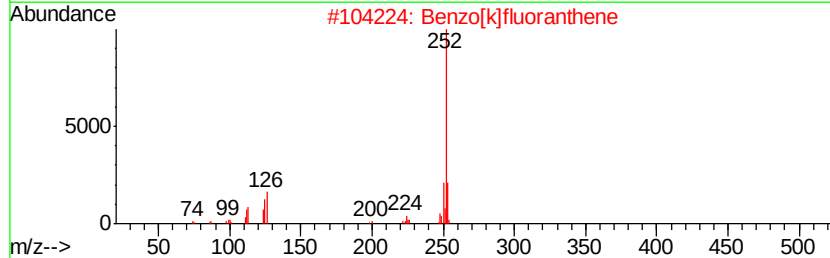
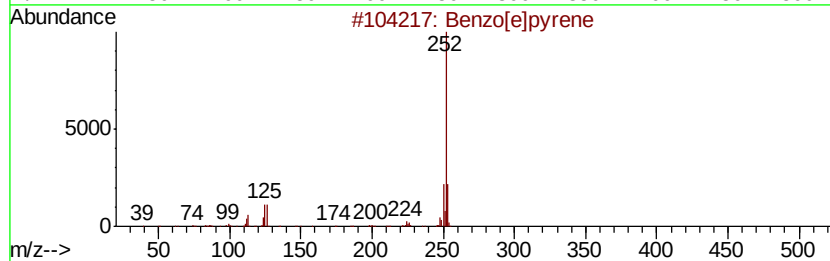
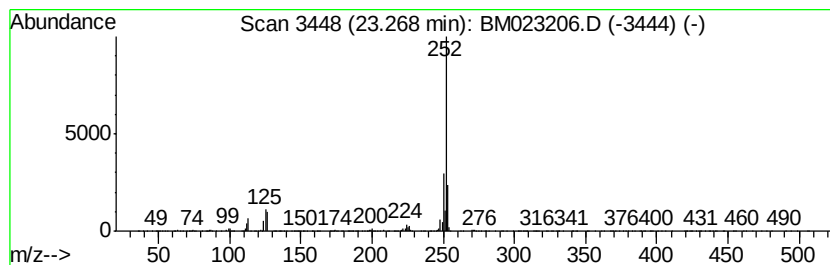
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	10.08 ng/ul	2111310	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
5H-Dibenzo[a,d]cy...	17.93	2.8	ng/ul	635459	4	17.06	4539340	20.0
Phenanthrene, 2-m...	17.98	6.2	ng/ul	1409970	4	17.06	4539340	20.0
4H-Cyclopenta[def...	18.12	6.7	ng/ul	1510530	4	17.06	4539340	20.0
Anthracene, 9-met...	18.16	2.2	ng/ul	508800	4	17.06	4539340	20.0
Phenanthrene, 2,5...	18.86	3.6	ng/ul	824023	4	17.06	4539340	20.0
Cyclopenta(def)ph...	18.99	2.5	ng/ul	578759	4	17.06	4539340	20.0
1-Heneicosanol	20.99	4.4	ng/ul	2318540	5	21.24	10475200	20.0
Benzo[e]pyrene	23.27	10.1	ng/ul	2111310	6	23.46	4188150	20.0