

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023297.D
 Acq On : 19 Oct 2019 21:38
 Operator : JU
 Sample : K5378-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0008

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	6.822	645	652	662	rVV2	902975	1611138	19.81%	1.328%
2	6.987	674	680	688	rVV	729712	1186267	14.59%	0.978%
3	7.187	707	714	725	rVV	983194	1589156	19.54%	1.310%
4	7.651	786	793	799	rBV	1505816	2418536	29.74%	1.993%
5	8.357	906	913	919	rVV	803948	1314340	16.16%	1.083%
6	8.416	919	923	928	rVV	70845	138046	1.70%	0.114%
7	8.792	969	987	994	rBV	916897	1591368	19.57%	1.312%
8	9.516	1103	1110	1118	rBV	712786	1177405	14.48%	0.970%
9	10.051	1195	1201	1211	rVV	1185827	1974777	24.28%	1.628%
10	10.428	1257	1265	1271	rBV	2056168	3456075	42.50%	2.848%
11	10.480	1271	1274	1280	rVV	118374	188345	2.32%	0.155%
12	10.563	1280	1288	1296	rVV	541742	964874	11.86%	0.795%
13	11.492	1438	1446	1454	rBV	57800	115697	1.42%	0.095%
14	12.098	1543	1549	1560	rVB	247366	413462	5.08%	0.341%
15	12.322	1579	1587	1594	rVB	179909	298367	3.67%	0.246%
16	13.145	1719	1727	1732	rVV2	96156	197043	2.42%	0.162%
17	13.457	1769	1780	1781	rBV	119607	169970	2.09%	0.140%
18	13.616	1796	1807	1812	rBV	243732	438826	5.40%	0.362%
19	13.669	1812	1816	1819	rVV	192416	286608	3.52%	0.236%
20	13.710	1819	1823	1827	rVV	2090800	2853382	35.09%	2.352%
21	13.757	1827	1831	1836	rVV	789799	1088680	13.39%	0.897%
22	13.851	1843	1847	1851	rVV	145654	220789	2.71%	0.182%
23	13.986	1863	1870	1881	rBV	2334082	3729001	45.85%	3.073%
24	14.227	1905	1911	1915	rBV	136965	186547	2.29%	0.154%
25	14.292	1915	1922	1929	rBV	3032248	4580085	56.32%	3.775%
26	14.492	1950	1956	1967	rBV2	434062	833352	10.25%	0.687%
27	14.698	1985	1991	1999	rVV4	217966	538945	6.63%	0.444%
28	14.780	2000	2005	2010	rVB	137842	200045	2.46%	0.165%
29	14.921	2024	2029	2034	rBV2	116442	205116	2.52%	0.169%
30	14.974	2034	2038	2042	rVB	140211	191141	2.35%	0.158%
31	15.092	2052	2058	2061	rBV2	140784	241763	2.97%	0.199%
32	15.121	2061	2063	2068	rVB4	85903	115821	1.42%	0.095%
33	15.180	2068	2073	2078	rBV	160382	221793	2.73%	0.183%
34	15.292	2085	2092	2097	rVV	3130814	4433194	54.51%	3.654%

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35	15.339	2097	2100	2105	rVB2	171808	242881	2.99%	0.200%
36	15.410	2105	2112	2120	rBV	659294	1003399	12.34%	0.827%
37	15.645	2147	2152	2163	rVB	188309	352400	4.33%	0.290%
38	15.792	2170	2177	2185	rVB3	197774	475099	5.84%	0.392%
39	15.880	2185	2192	2200	rBV4	115798	236302	2.91%	0.195%
40	16.045	2214	2220	2223	rBV2	240976	364112	4.48%	0.300%
41	16.074	2223	2225	2230	rVB	155825	169274	2.08%	0.140%
42	16.586	2308	2312	2316	rBV2	145060	246604	3.03%	0.203%
43	16.698	2326	2331	2339	rVB4	127883	268338	3.30%	0.221%
44	16.780	2340	2345	2350	rBV	157586	317430	3.90%	0.262%
45	16.839	2350	2355	2361	rBV2	239219	358365	4.41%	0.295%
46	17.039	2383	2389	2393	rBV2	3701811	5193110	63.85%	4.280%
47	17.080	2393	2396	2400	rVV	1361394	1755323	21.58%	1.447%
48	17.139	2400	2406	2418	rVB	3519708	5266891	64.76%	4.341%
49	17.239	2418	2423	2428	rBV3	95548	162195	1.99%	0.134%
50	17.357	2440	2443	2447	rVB2	112520	134085	1.65%	0.111%
51	17.439	2454	2457	2462	rVB	94593	130099	1.60%	0.107%
52	17.574	2476	2480	2484	rBV2	269653	334247	4.11%	0.275%
53	17.621	2485	2488	2492	rVB2	120648	138247	1.70%	0.114%
54	17.915	2533	2538	2542	rBV	356924	538289	6.62%	0.444%
55	17.962	2542	2546	2553	rVB	879555	1213441	14.92%	1.000%
56	18.045	2555	2560	2564	rBV2	138180	211253	2.60%	0.174%
57	18.104	2564	2570	2574	rVV2	443681	808566	9.94%	0.666%
58	18.145	2574	2577	2585	rVB	360769	524533	6.45%	0.432%
59	18.268	2594	2598	2602	rVB2	306440	367636	4.52%	0.303%
60	18.421	2620	2624	2627	rBV	308342	411899	5.06%	0.339%
61	18.456	2627	2630	2634	rVB3	111360	148310	1.82%	0.122%
62	18.674	2663	2667	2671	rVB	129837	172388	2.12%	0.142%
63	18.721	2672	2675	2678	rVV	155264	198711	2.44%	0.164%
64	18.756	2678	2681	2685	rVB	150600	201797	2.48%	0.166%
65	18.845	2691	2696	2700	rBV	456175	695482	8.55%	0.573%
66	18.903	2700	2706	2709	rVV2	416458	642836	7.90%	0.530%
67	18.933	2709	2711	2715	rVB	237893	255961	3.15%	0.211%
68	18.980	2715	2719	2727	rVB2	212166	399091	4.91%	0.329%
69	19.062	2729	2733	2735	rBV5	82877	131120	1.61%	0.108%
70	19.103	2735	2740	2748	rVB	1855252	2513321	30.90%	2.071%
71	19.174	2749	2752	2755	rBV	110896	120505	1.48%	0.099%

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72	19.433	2791	2796	2800	rBV	4722331	6983924	85.87%	5.756%
73	19.550	2811	2816	2822	rVB2	238831	520690	6.40%	0.429%
74	19.645	2829	2832	2835	rBV2	128438	143322	1.76%	0.118%
75	19.792	2853	2857	2861	rBV3	196634	364468	4.48%	0.300%
76	19.880	2869	2872	2876	rBV3	119665	195780	2.41%	0.161%
77	19.927	2877	2880	2883	rVV3	194965	321118	3.95%	0.265%
78	19.962	2884	2886	2891	rVB2	247562	306386	3.77%	0.253%
79	20.027	2893	2897	2900	rVV	364124	439147	5.40%	0.362%
80	20.062	2901	2903	2907	rVV	128862	166006	2.04%	0.137%
81	20.121	2908	2913	2918	rVB2	306631	536238	6.59%	0.442%
82	20.262	2934	2937	2940	rBV	147493	164943	2.03%	0.136%
83	20.521	2978	2981	2985	rBV	382096	385557	4.74%	0.318%
84	20.709	3010	3013	3019	rVB	300597	433261	5.33%	0.357%
85	20.915	3046	3048	3052	rBV2	157815	202833	2.49%	0.167%
86	20.980	3055	3059	3064	rVV2	2371314	3514327	43.21%	2.896%
87	21.021	3064	3066	3070	rVB	561947	626559	7.70%	0.516%
88	21.227	3095	3101	3106	rBV2	5005212	8132691	100.00%	6.703%
89	21.268	3106	3108	3115	rVB	960784	1078260	13.26%	0.889%
90	21.421	3131	3134	3138	rBV	538927	558330	6.87%	0.460%
91	21.856	3204	3208	3218	rVB2	1731380	3073864	37.80%	2.533%
92	22.315	3283	3286	3293	rVB	553246	662757	8.15%	0.546%
93	22.774	3360	3364	3368	rBV	729982	1465027	18.01%	1.207%
94	22.815	3368	3371	3375	rVV	1386031	2230785	27.43%	1.839%
95	22.856	3375	3378	3388	rVB	2115477	3437373	42.27%	2.833%
96	23.291	3447	3452	3458	rBV	3363779	5935212	72.98%	4.892%
97	23.433	3471	3476	3488	rVB	3597595	6532029	80.32%	5.384%
98	24.027	3573	3577	3584	rVB	946499	1763776	21.69%	1.454%
99	24.109	3585	3591	3603	rVB	1399676	2976288	36.60%	2.453%
100	25.638	3847	3851	3860	rVB2	915267	2308893	28.39%	1.903%

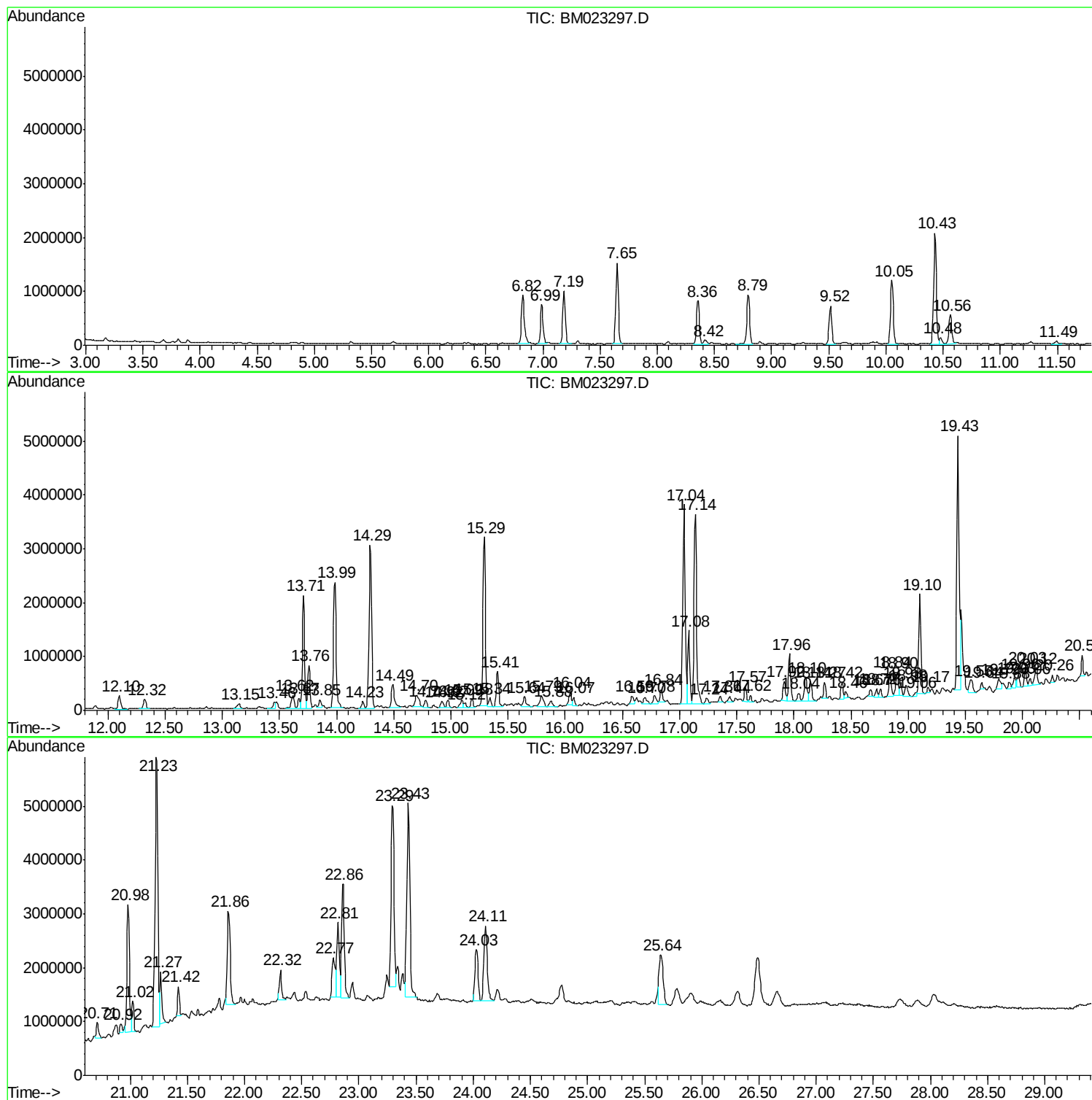
Sum of corrected areas: 121333338

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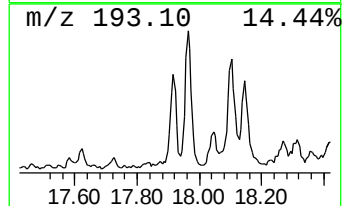
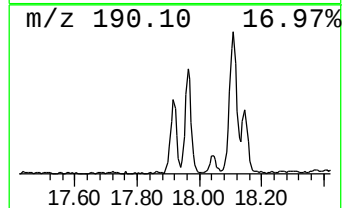
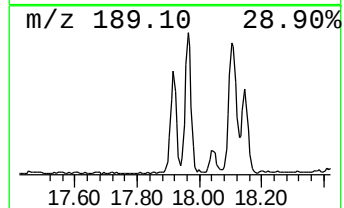
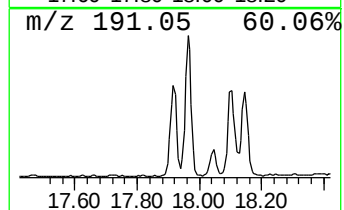
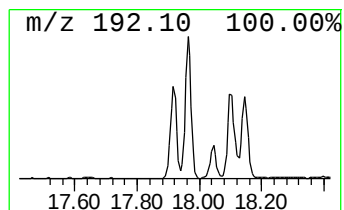
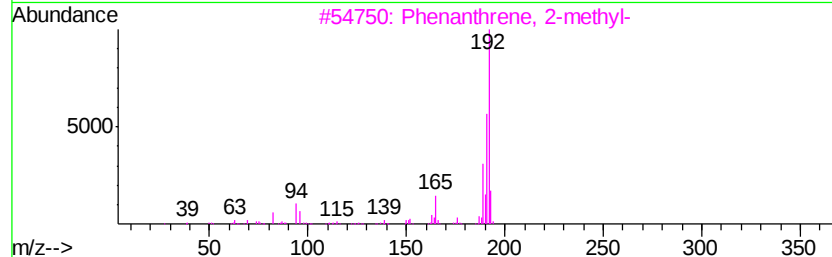
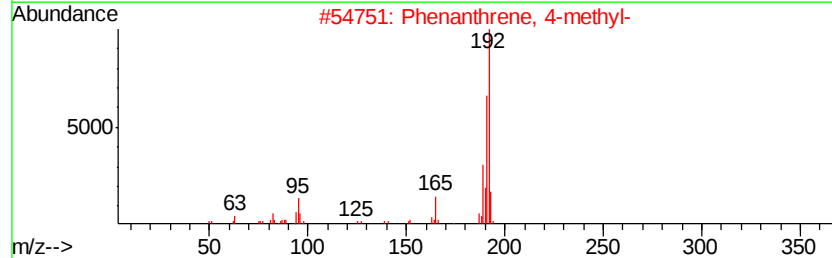
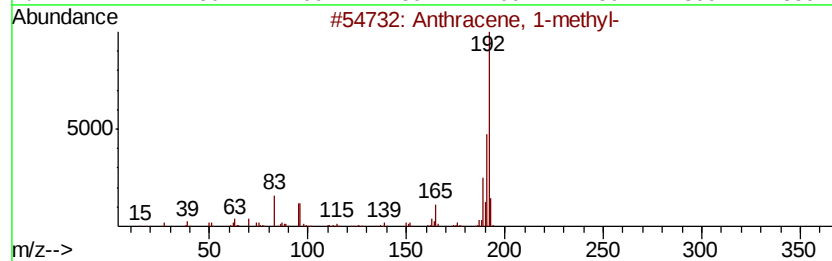
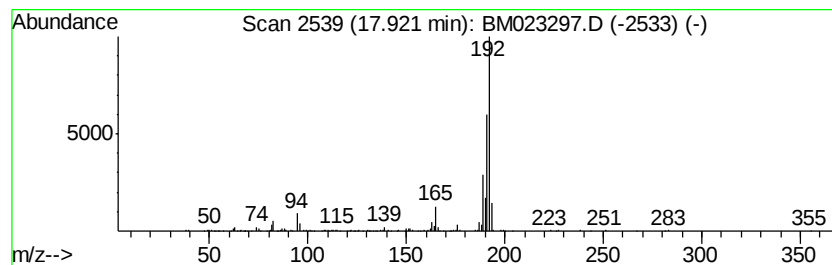
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.07 ng/ul	538289	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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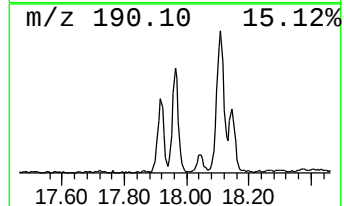
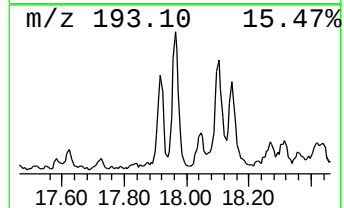
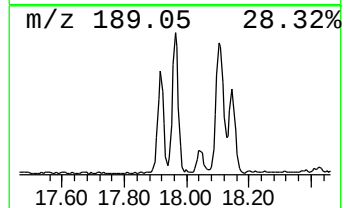
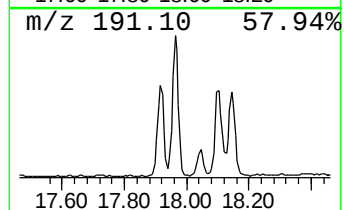
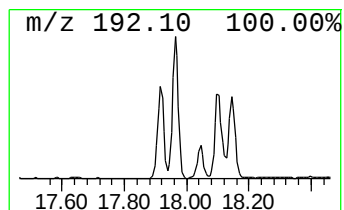
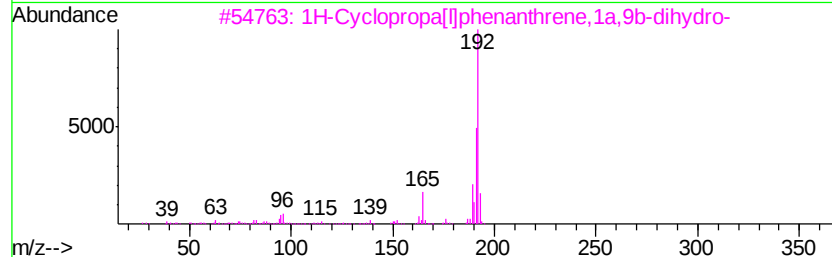
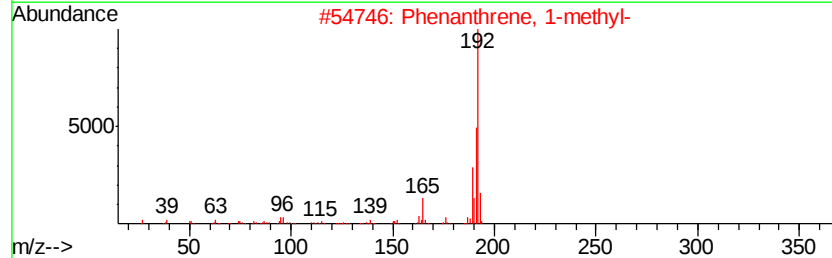
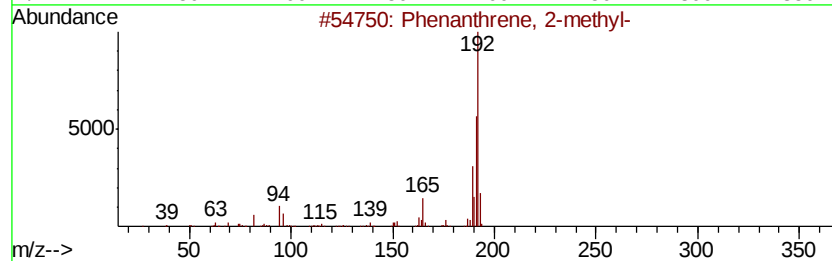
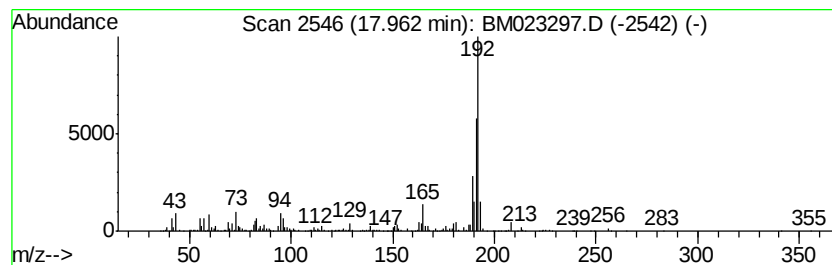
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	4.67 ng/ul	1213440	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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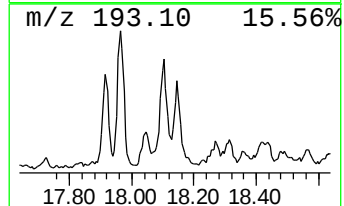
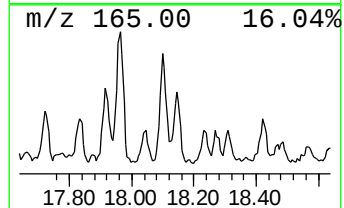
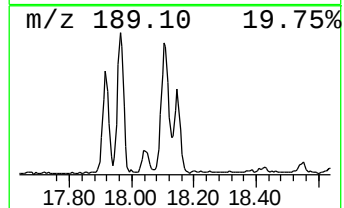
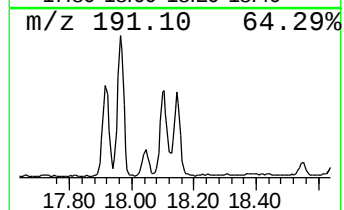
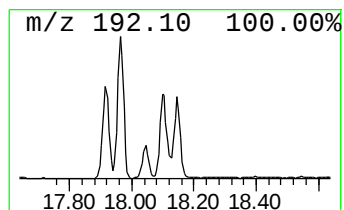
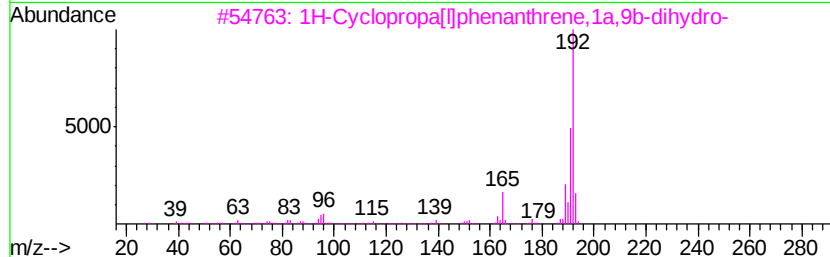
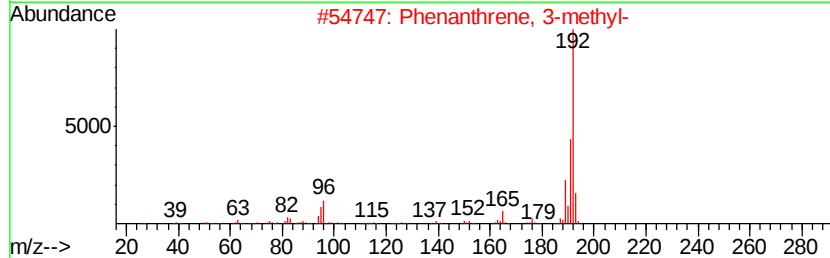
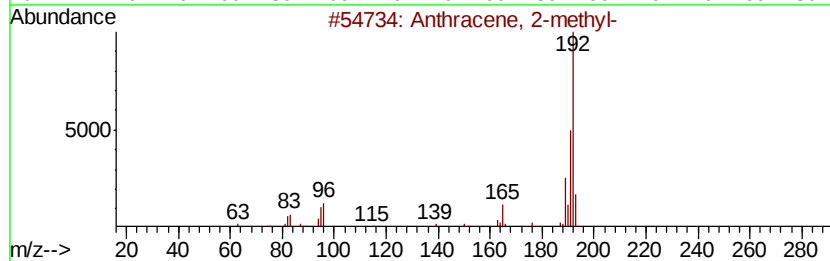
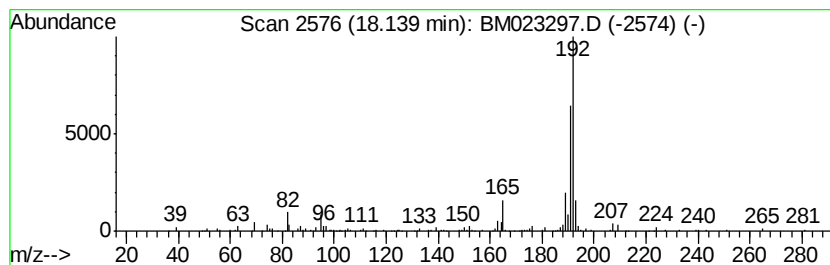
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.02 ng/ul	524533	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023297.D
Acq On : 19 Oct 2019 21:38
Operator : JU
Sample : K5378-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0008

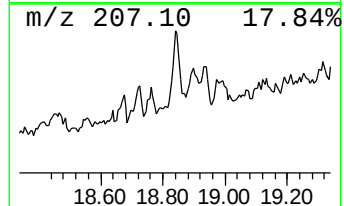
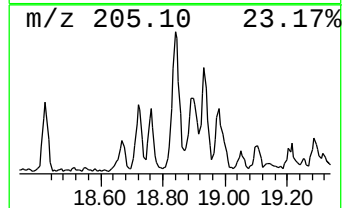
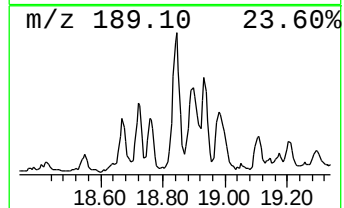
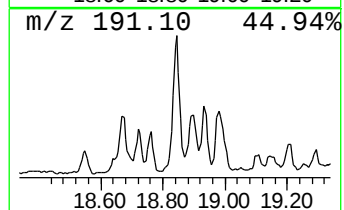
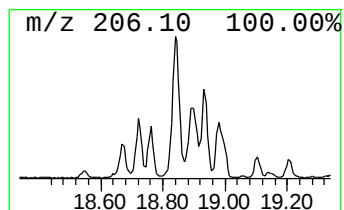
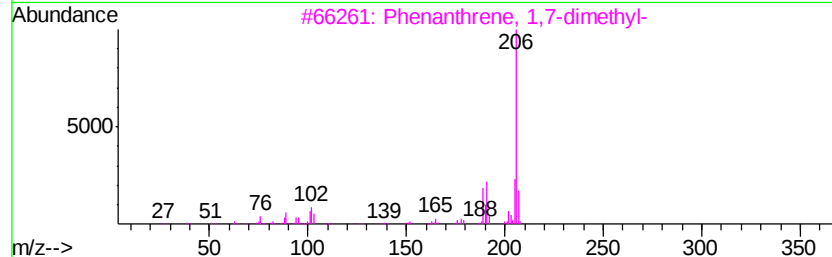
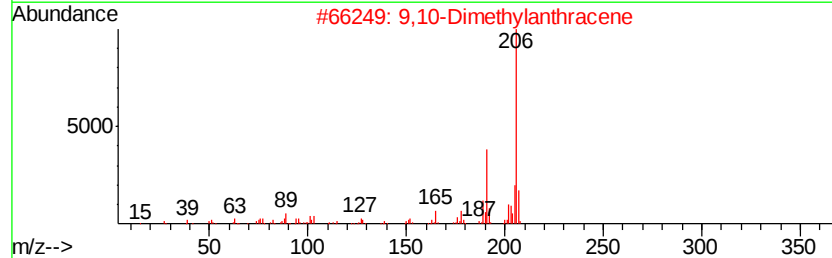
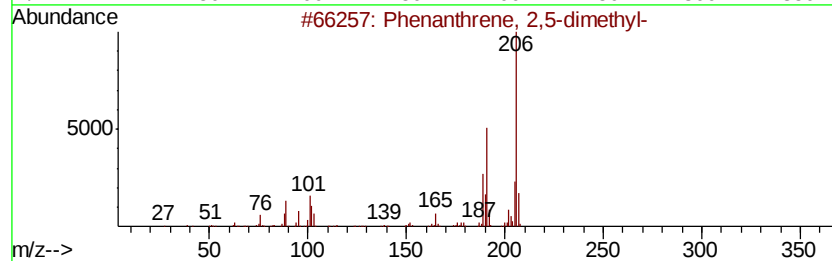
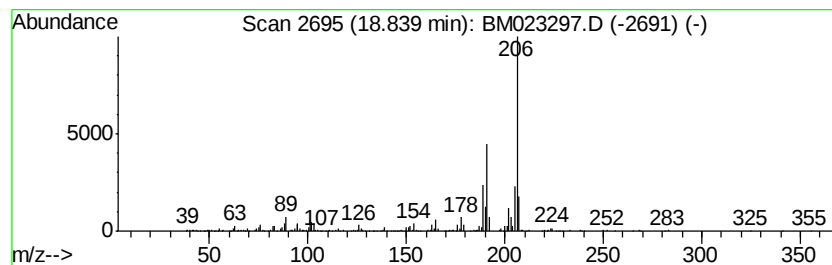
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.68 ng/ul	695482	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023297.D
Acq On : 19 Oct 2019 21:38
Operator : JU
Sample : K5378-15
Misc :
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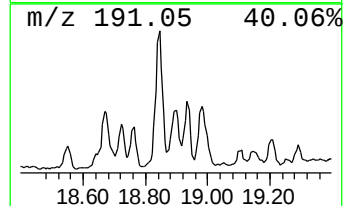
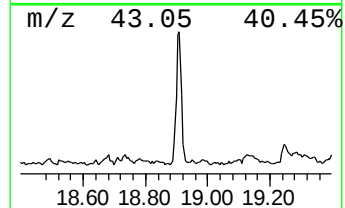
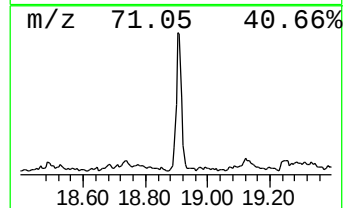
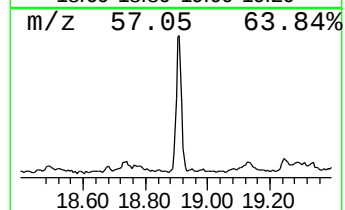
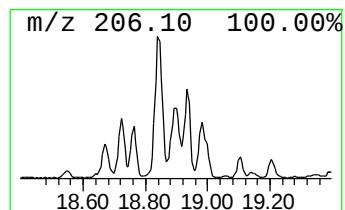
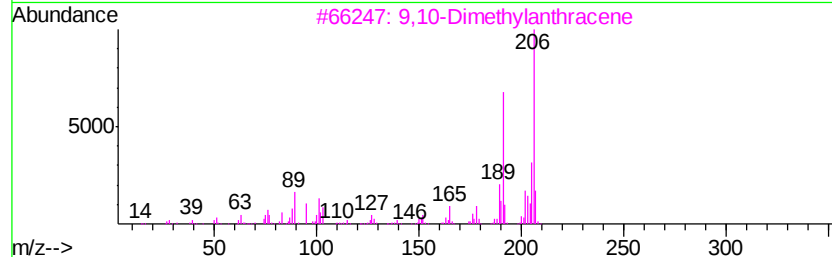
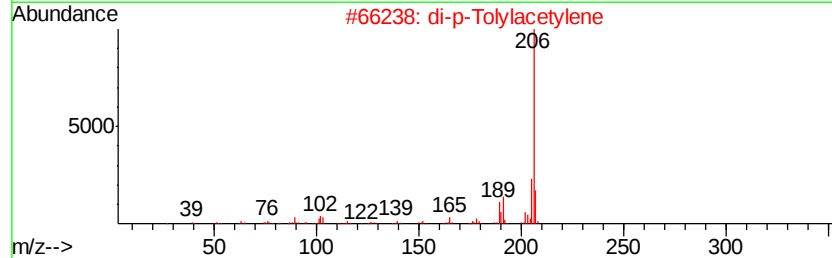
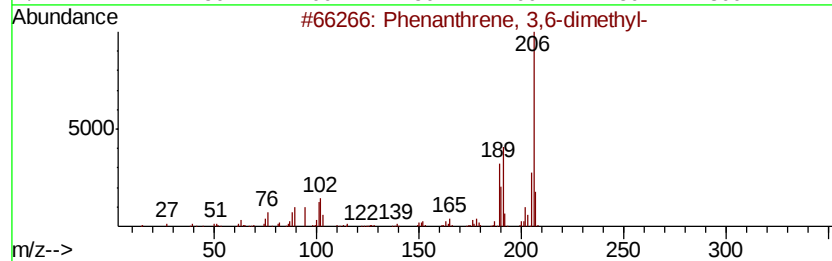
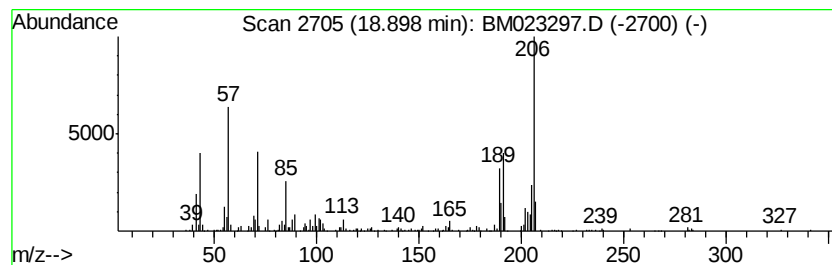
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.90	2.48 ng/ul	642836	Phenanthrene-d10		17.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2		di-p-Tolylacetylvene	206	C16H14	002789-88-0	55
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
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Sample : K5378-15
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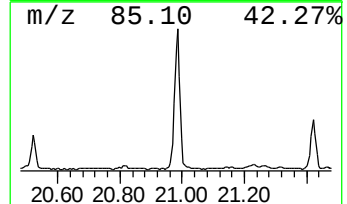
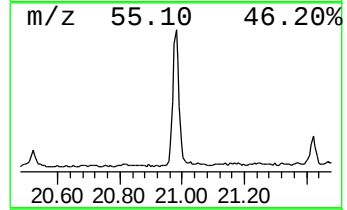
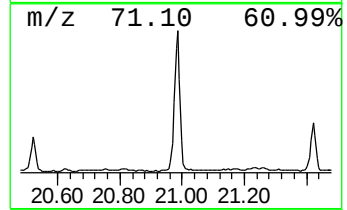
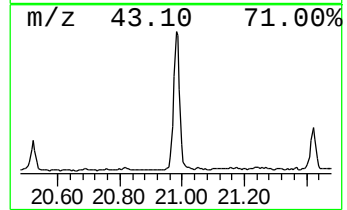
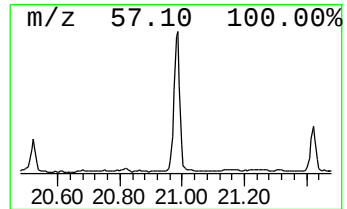
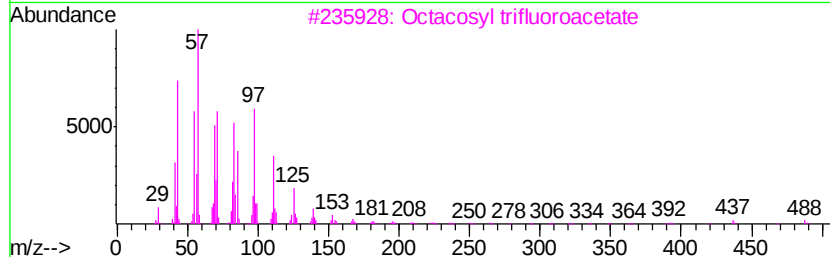
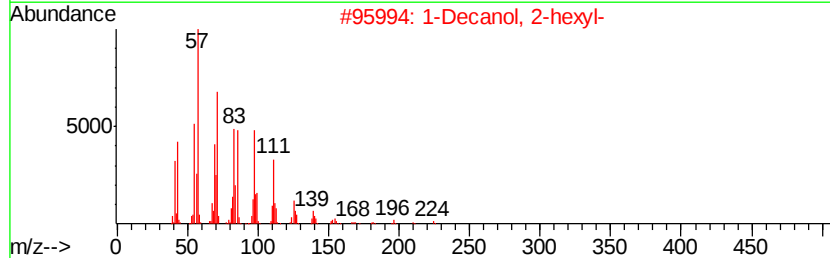
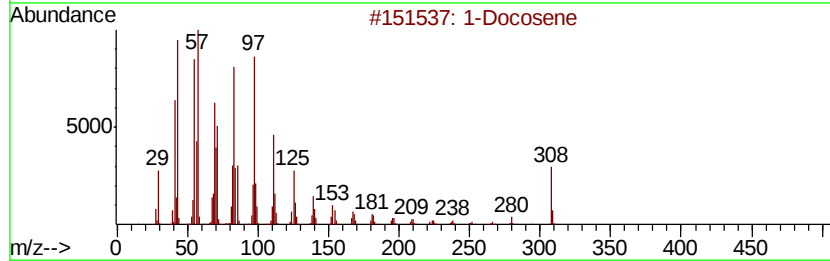
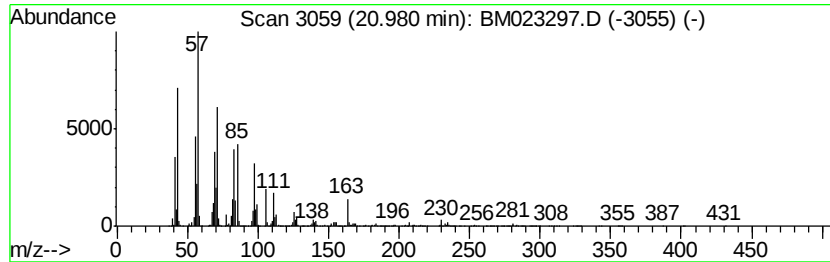
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.98	8.64 ng/ul	3514330	Chrysene-d12	21.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023297.D
Acq On : 19 Oct 2019 21:38
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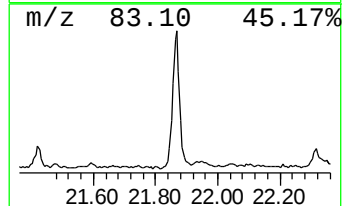
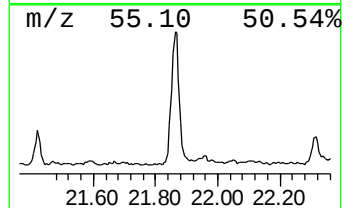
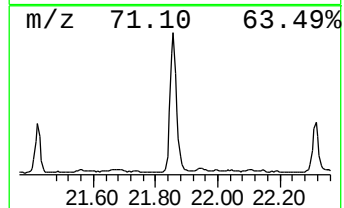
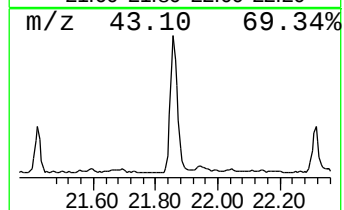
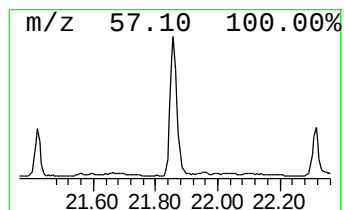
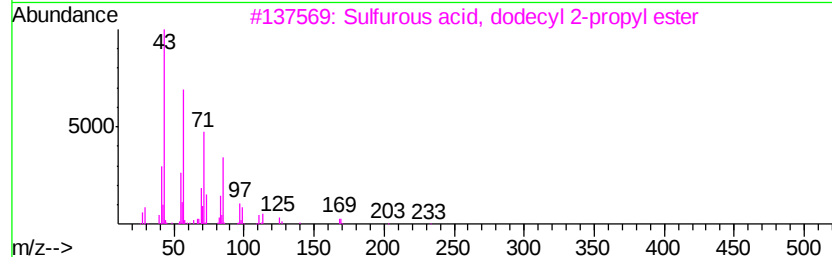
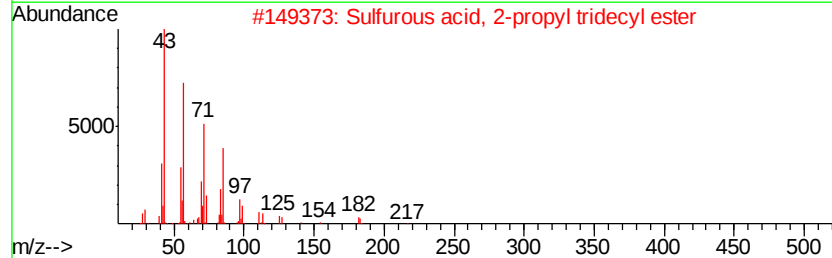
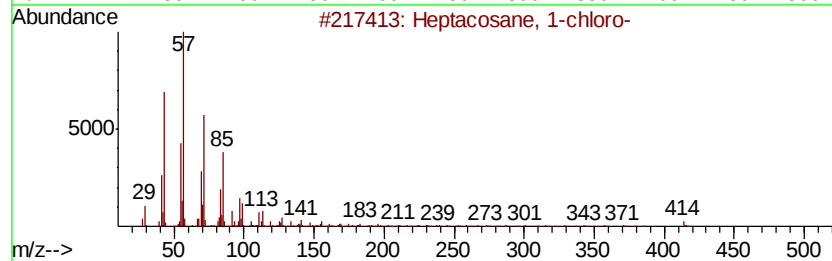
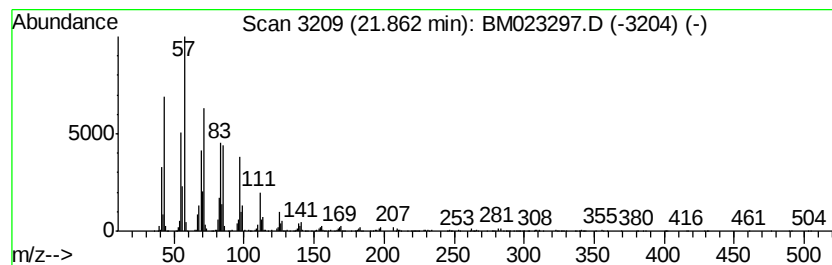
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Heptacosane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	7.56 ng/ul	3073860	Chrysene-d12	21.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2		Sulfurous acid, 2-propyl tridecyl	306	C16H34O3S	1000309-12-4	91
3		Sulfurous acid, dodecyl 2-propyl	292	C15H32O3S	1000309-12-3	91
4		Tritetracontane	605	C43H88	007098-21-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023297.D
Acq On : 19 Oct 2019 21:38
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Sample : K5378-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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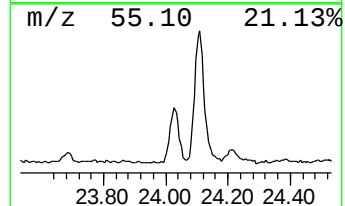
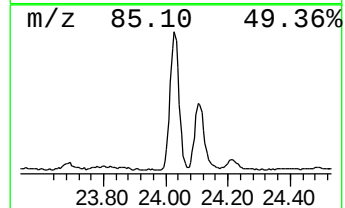
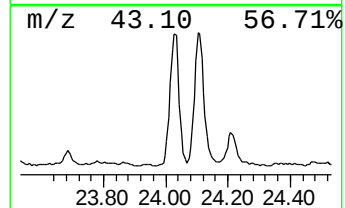
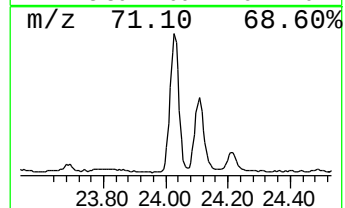
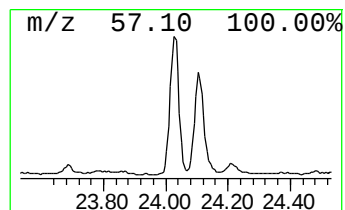
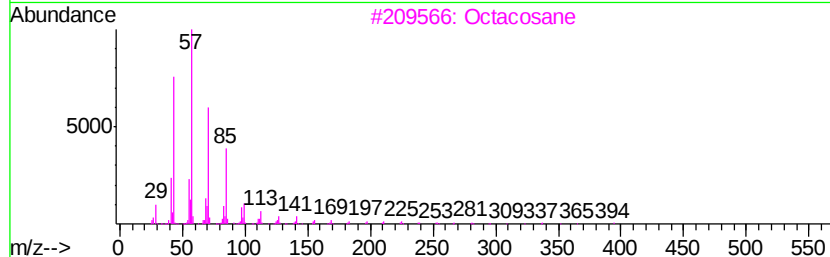
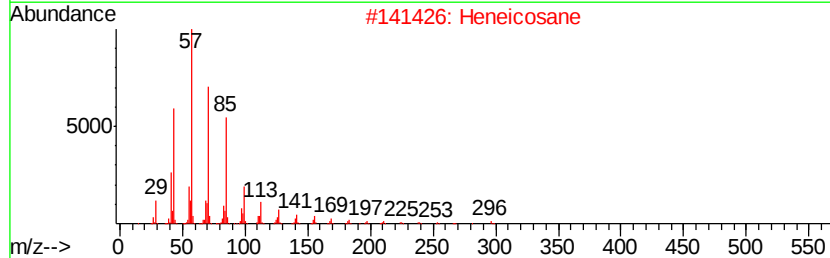
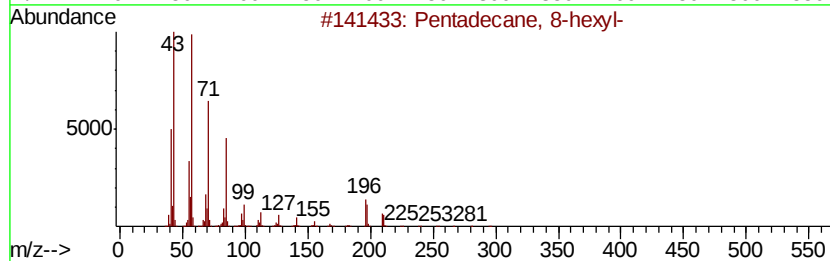
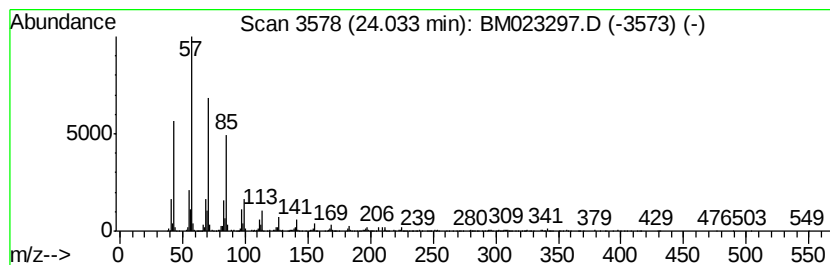
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	5.40 ng/ul	1763780	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octacosane	394	C28H58	000630-02-4	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
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Acq On : 19 Oct 2019 21:38
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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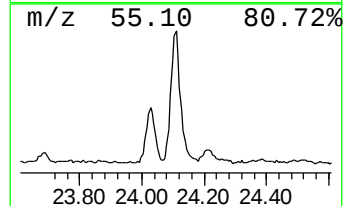
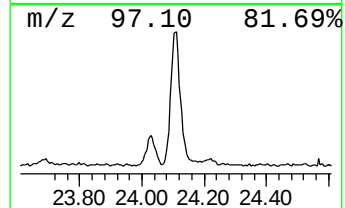
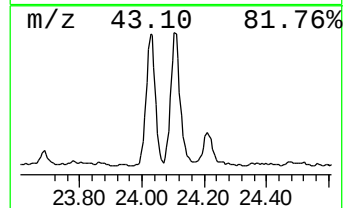
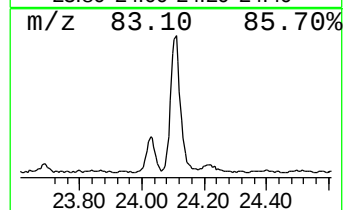
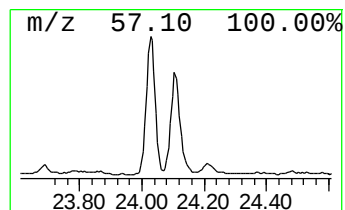
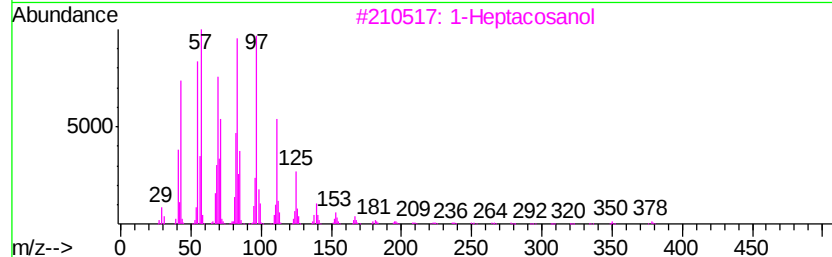
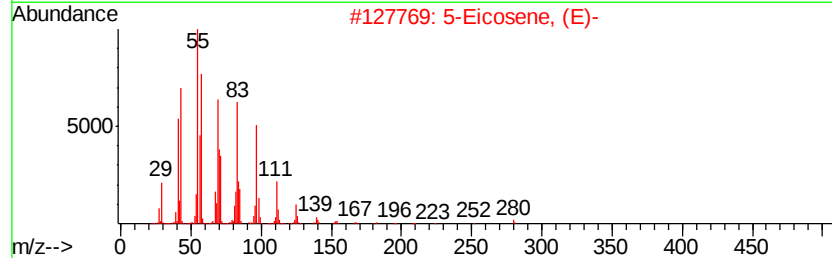
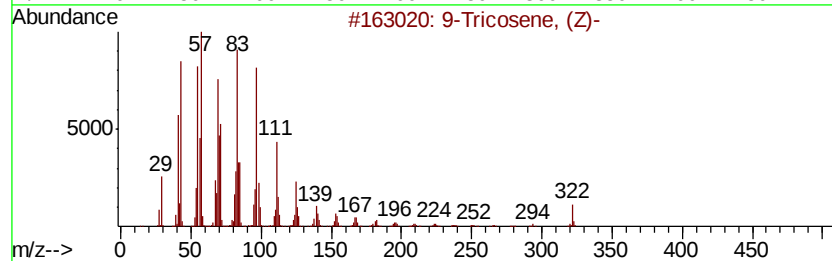
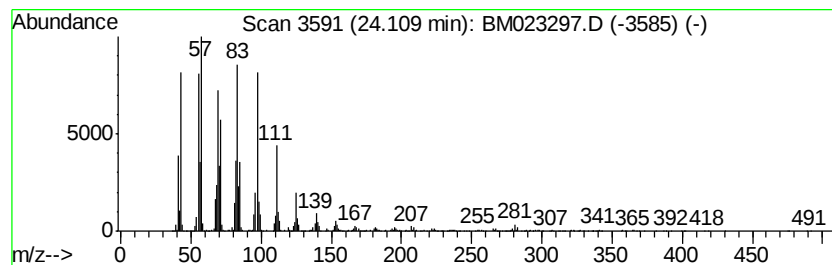
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic24.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	9.11 ng/ul	2976290	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3		1-Heptacosanol	396	C27H56O	002004-39-9	95
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101919\
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Acq On : 19 Oct 2019 21:38
Operator : JU
Sample : K5378-15
Misc :
ALS Vial : 18 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
Anthracene, 1-met...	17.92	2.1	ng/ul	538289	4	17.04	5193110	20.0
Phenanthrene, 2-m...	17.96	4.7	ng/ul	1213440	4	17.04	5193110	20.0
Anthracene, 2-met...	18.14	2.0	ng/ul	524533	4	17.04	5193110	20.0
Phenanthrene, 2,5...	18.84	2.7	ng/ul	695482	4	17.04	5193110	20.0
Phenanthrene, 3,6...	18.90	2.5	ng/ul	642836	4	17.04	5193110	20.0
(DEL) Alkane: Str...	20.98	8.6	ng/ul	3514330	5	21.23	8132690	20.0
Heptacosane, 1-ch...	21.86	7.6	ng/ul	3073860	5	21.23	8132690	20.0
(DEL) Alkane: Str...	24.03	5.4	ng/ul	1763780	6	23.43	6532030	20.0
(DEL) Alkane: Cyc...	24.11	9.1	ng/ul	2976290	6	23.43	6532030	20.0