

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027099.D
 Acq On : 14 Aug 2020 22:45
 Operator : JU/CG
 Sample : L3631-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM5

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-BM080720MA.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	3.205	33	37	42	rVB	17141	22577	0.83%	0.070%
2	3.604	102	105	111	rVB2	6516	8779	0.32%	0.027%
3	3.699	117	121	128	rVB	26390	35022	1.29%	0.108%
4	3.828	138	143	149	rVV2	23266	34529	1.28%	0.107%
5	3.916	153	158	163	rBV2	8782	12022	0.44%	0.037%
6	4.799	305	308	316	rBV	16935	24750	0.91%	0.077%
7	6.816	643	651	666	rVB	308416	520127	19.22%	1.611%
8	6.975	672	678	686	rBV	237189	371575	13.73%	1.151%
9	7.175	706	712	723	rBV	331174	508718	18.79%	1.575%
10	7.293	726	732	737	rBV7	5006	10251	0.38%	0.032%
11	7.640	781	791	798	rBV	481648	746055	27.56%	2.310%
12	8.339	904	910	918	rBV	349148	536089	19.81%	1.660%
13	8.451	926	929	934	rVB2	5402	7960	0.29%	0.025%
14	8.781	978	985	993	rBV	294729	477927	17.66%	1.480%
15	9.498	1100	1107	1115	rVV	231672	380278	14.05%	1.178%
16	10.034	1189	1198	1212	rBV	393488	631851	23.34%	1.957%
17	10.410	1254	1262	1268	rBV	585209	957181	35.36%	2.964%
18	10.457	1268	1270	1276	rVB2	8142	10462	0.39%	0.032%
19	10.539	1278	1284	1296	rBV	267758	462868	17.10%	1.433%
20	12.075	1541	1545	1552	rVB2	5308	8334	0.31%	0.026%
21	13.686	1813	1819	1823	rVV	700818	932078	34.44%	2.886%
22	13.733	1823	1827	1835	rVV	149459	206223	7.62%	0.639%
23	13.963	1859	1866	1880	rBV	681843	1065742	39.37%	3.300%
24	14.274	1912	1919	1926	rBV	840738	1256214	46.41%	3.890%
25	14.333	1926	1929	1935	rVB2	8454	10568	0.39%	0.033%
26	14.469	1944	1952	1962	rBV	230069	345292	12.76%	1.069%
27	14.668	1982	1986	1991	rVV3	10517	17220	0.64%	0.053%
28	14.892	2018	2024	2031	rBV6	3837	8165	0.30%	0.025%
29	15.151	2063	2068	2075	rVB6	5018	9001	0.33%	0.028%
30	15.268	2081	2088	2093	rBV	924328	1293371	47.78%	4.005%
31	15.321	2093	2097	2103	rVB5	15196	22103	0.82%	0.068%
32	15.386	2103	2108	2115	rBV	203128	274677	10.15%	0.851%
33	15.504	2126	2128	2133	rBV4	9219	10592	0.39%	0.033%
34	15.621	2144	2148	2151	rBV3	7051	10235	0.38%	0.032%

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35	15.768	2168	2173	2180	rVB3	8325	16615	0.61%	0.051%
36	16.374	2272	2276	2283	rVB8	4601	8334	0.31%	0.026%
37	16.562	2300	2308	2311	rBV6	7639	13911	0.51%	0.043%
38	16.598	2311	2314	2319	rVB7	6612	8121	0.30%	0.025%
39	16.668	2322	2326	2330	rBV	20293	28039	1.04%	0.087%
40	16.757	2336	2341	2343	rBV4	8444	12533	0.46%	0.039%
41	16.804	2346	2349	2350	rVV2	7133	7896	0.29%	0.024%
42	16.833	2351	2354	2358	rVV2	13946	19005	0.70%	0.059%
43	17.015	2378	2385	2389	rBV	1087639	1513168	55.90%	4.686%
44	17.057	2389	2392	2396	rVB	325632	408595	15.10%	1.265%
45	17.110	2396	2401	2407	rBV	930253	1350438	49.89%	4.182%
46	17.204	2414	2417	2422	rVB6	10530	15406	0.57%	0.048%
47	17.327	2436	2438	2442	rVB4	6862	8560	0.32%	0.027%
48	17.415	2444	2453	2459	rBV2	27075	50394	1.86%	0.156%
49	17.468	2459	2462	2465	rBV4	7025	9747	0.36%	0.030%
50	17.539	2471	2474	2478	rVB3	16356	20236	0.75%	0.063%
51	17.592	2478	2483	2487	rBV4	13211	18674	0.69%	0.058%
52	17.809	2516	2520	2525	rBV4	9131	13035	0.48%	0.040%
53	17.892	2527	2534	2537	rBV	65722	98976	3.66%	0.306%
54	17.933	2537	2541	2548	rVV2	201187	300992	11.12%	0.932%
55	18.021	2550	2556	2561	rVV2	23640	48323	1.79%	0.150%
56	18.080	2561	2566	2570	rVV2	76210	143488	5.30%	0.444%
57	18.121	2570	2573	2579	rVB	53269	68844	2.54%	0.213%
58	18.239	2586	2593	2598	rVV9	15561	30258	1.12%	0.094%
59	18.292	2598	2602	2606	rVV7	10089	12381	0.46%	0.038%
60	18.398	2615	2620	2622	rVV	65218	86305	3.19%	0.267%
61	18.427	2622	2625	2632	rVB2	123073	163777	6.05%	0.507%
62	18.651	2658	2663	2668	rBV4	19465	29485	1.09%	0.091%
63	18.698	2668	2671	2674	rBV2	23340	25919	0.96%	0.080%
64	18.733	2674	2677	2682	rVB	21120	26217	0.97%	0.081%
65	18.815	2684	2691	2696	rBV2	68749	118318	4.37%	0.366%
66	18.880	2697	2702	2705	rVV3	28079	43900	1.62%	0.136%
67	18.909	2705	2707	2710	rVB2	16114	16239	0.60%	0.050%
68	18.951	2710	2714	2723	rVB2	58769	100087	3.70%	0.310%
69	19.080	2723	2736	2741	rBV	777603	1102914	40.75%	3.415%
70	19.192	2750	2755	2757	rBV5	35934	52023	1.92%	0.161%
71	19.233	2757	2762	2766	rVV3	187970	283448	10.47%	0.878%

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72	19.280	2766	2770	2775	rVV6	26463	64445	2.38%	0.200%
73	19.321	2775	2777	2782	rVV2	26791	41768	1.54%	0.129%
74	19.415	2786	2793	2795	rVV	1376702	2165819	80.02%	6.707%
75	19.439	2795	2797	2807	rVV	819233	1055809	39.01%	3.270%
76	19.515	2807	2810	2817	rVB2	35909	65865	2.43%	0.204%
77	19.621	2825	2828	2834	rBV	42424	57624	2.13%	0.178%
78	19.680	2834	2838	2845	rVB3	29503	53116	1.96%	0.164%
79	19.756	2846	2851	2860	rBV2	393649	602783	22.27%	1.867%
80	19.909	2872	2877	2879	rBV3	51091	82870	3.06%	0.257%
81	19.939	2879	2882	2887	rVB	89383	128150	4.73%	0.397%
82	20.039	2896	2899	2904	rBV	42060	51292	1.90%	0.159%
83	20.098	2905	2909	2913	rVV2	87825	126528	4.67%	0.392%
84	20.168	2918	2921	2930	rVB9	43593	63808	2.36%	0.198%
85	20.239	2930	2933	2937	rBV	63040	80511	2.97%	0.249%
86	20.286	2937	2941	2947	rBV	47688	92634	3.42%	0.287%
87	20.498	2974	2977	2980	rBV4	28398	45076	1.67%	0.140%
88	20.686	3006	3009	3017	rVB	94546	134154	4.96%	0.415%
89	20.856	3032	3038	3041	rBV2	73530	148092	5.47%	0.459%
90	20.892	3042	3044	3047	rVV	87607	98159	3.63%	0.304%
91	20.945	3047	3053	3057	rVV2	285692	468602	17.31%	1.451%
92	20.986	3057	3060	3068	rVB	105249	168341	6.22%	0.521%
93	21.150	3085	3088	3091	rBV2	110764	120882	4.47%	0.374%
94	21.209	3091	3098	3102	rVV2	1718907	2706696	100.00%	8.382%
95	21.245	3102	3104	3113	rVB	480375	580663	21.45%	1.798%
96	22.750	3355	3360	3363	rBV	426370	814075	30.08%	2.521%
97	23.215	3435	3439	3443	rBV	236234	409956	15.15%	1.270%
98	23.268	3443	3448	3452	rVV	952188	1698265	62.74%	5.259%
99	23.309	3452	3455	3464	rVB2	359475	735875	27.19%	2.279%
100	23.403	3465	3471	3477	rBV2	1035888	1927094	71.20%	5.968%

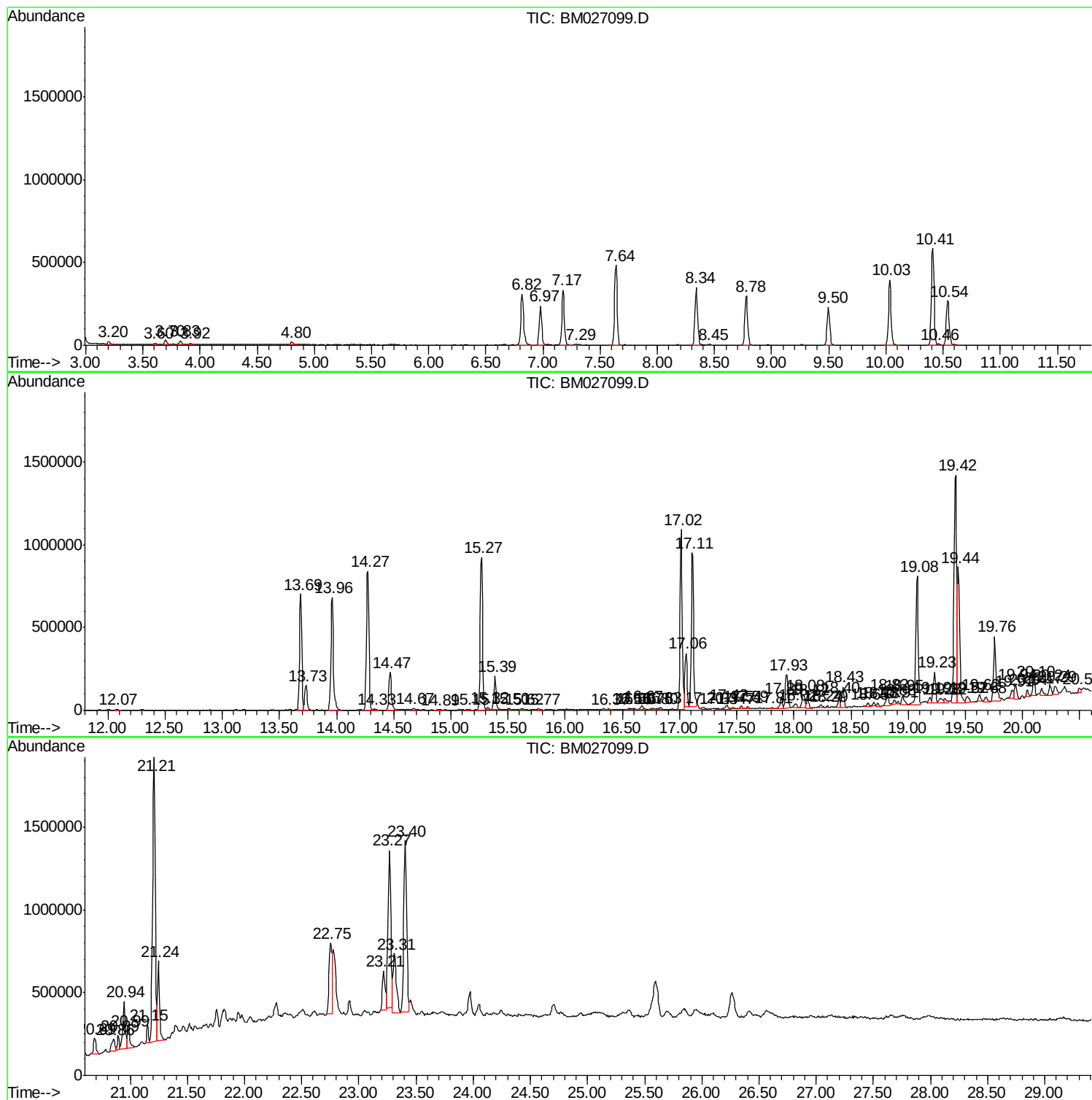
Sum of corrected areas: 32292389

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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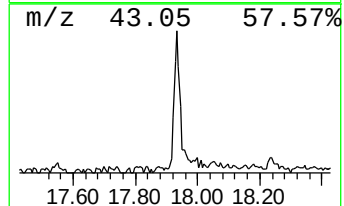
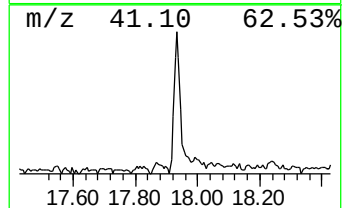
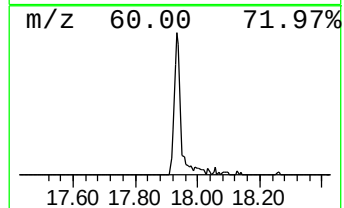
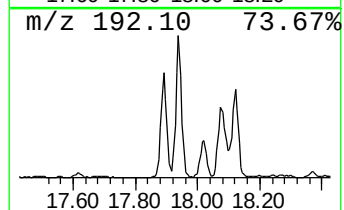
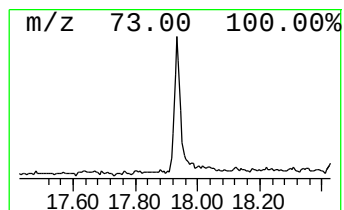
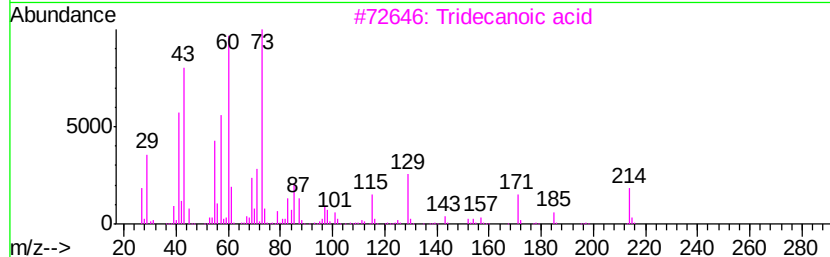
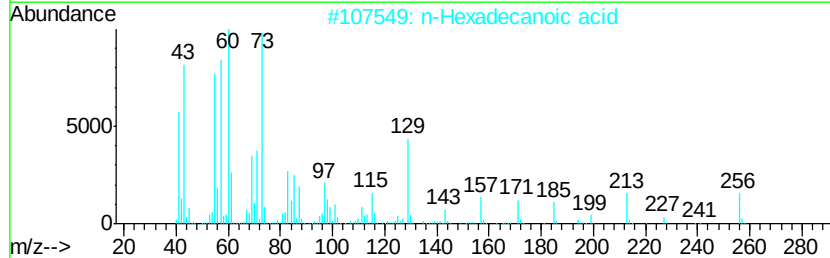
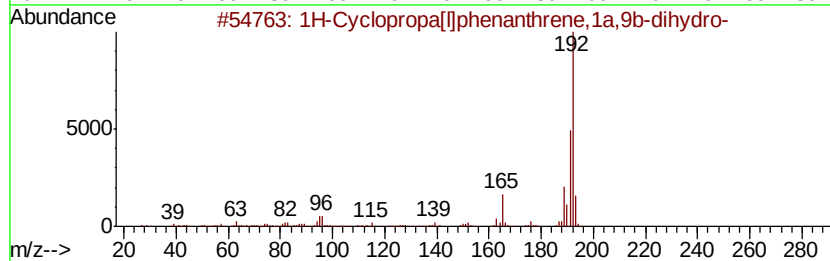
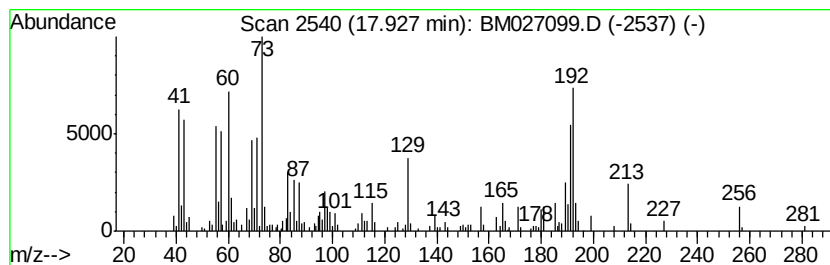
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.93	3.98 ng/ul	300992	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80



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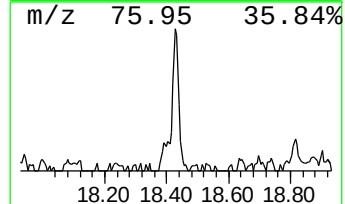
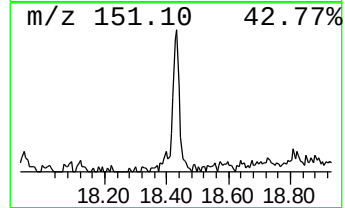
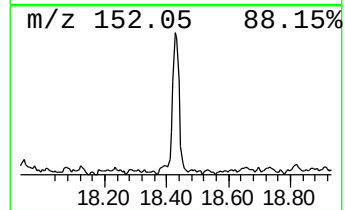
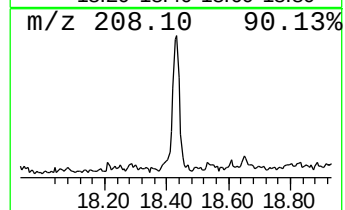
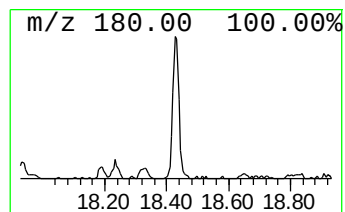
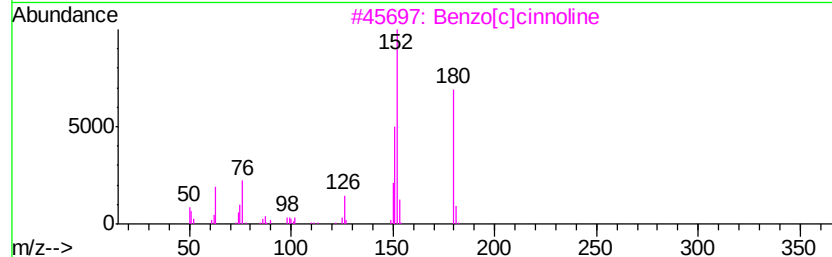
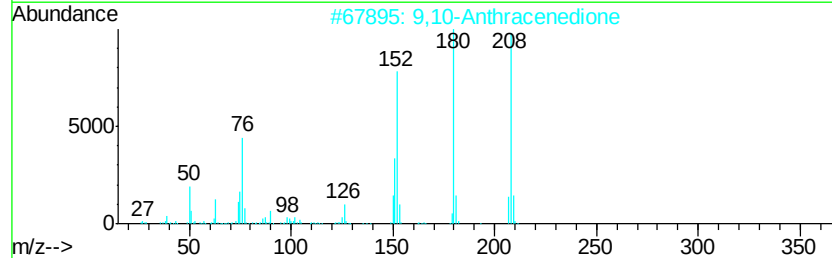
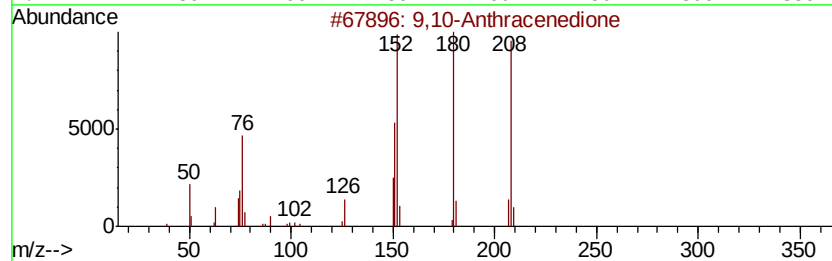
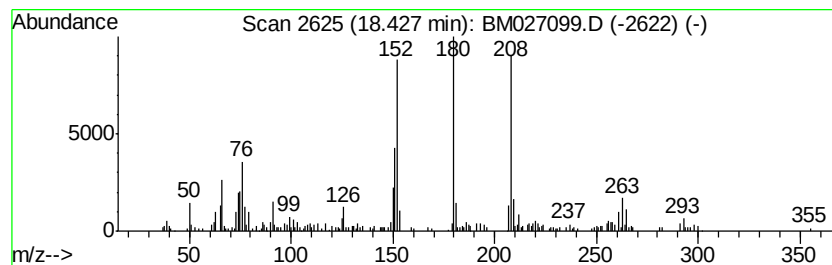
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.16 ng/ul	163777	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4		9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70



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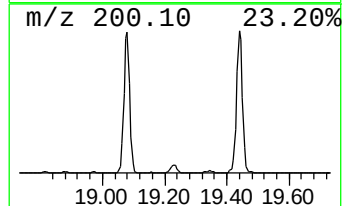
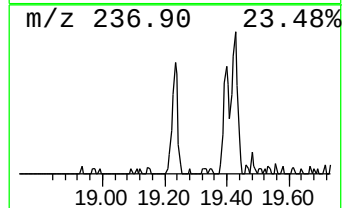
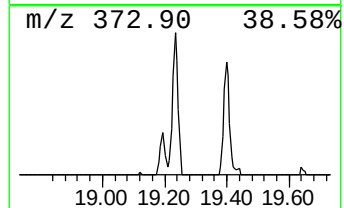
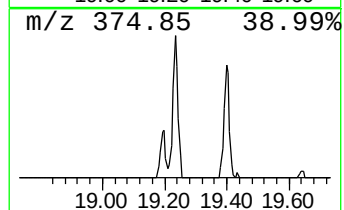
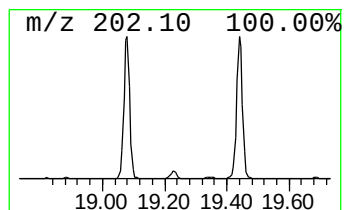
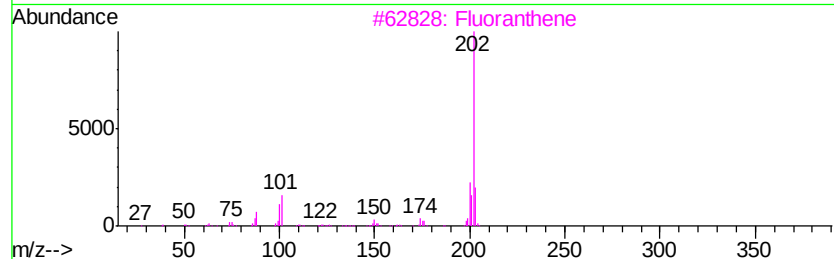
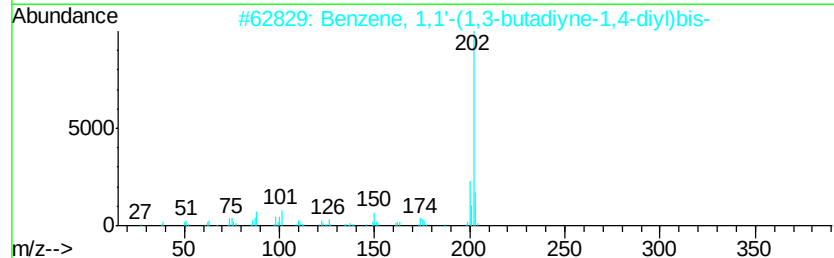
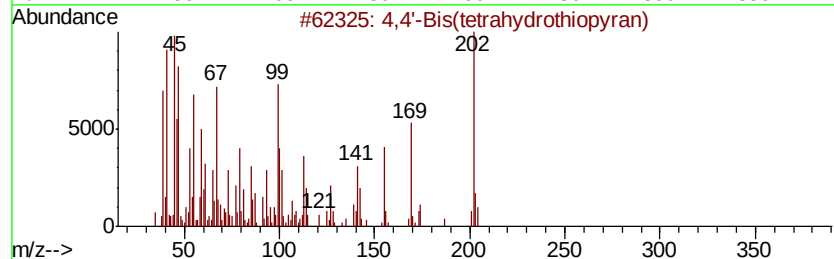
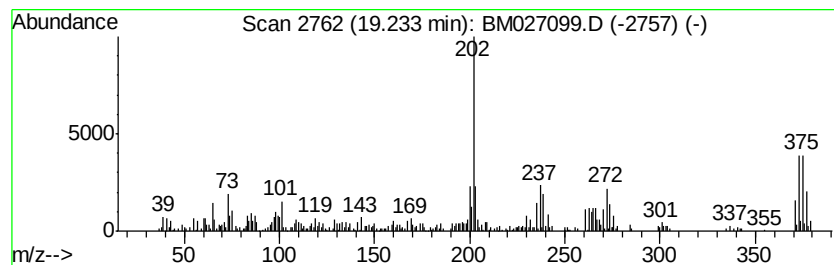
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Peak Number 3 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.09 ng/ul	283448	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	35
3		Fluoranthene	202	C16H10	000206-44-0	35
4		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	20
5		Pyrene	202	C16H10	000129-00-0	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027099.D
Acq On : 14 Aug 2020 22:45
Operator : JU/CG
Sample : L3631-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFMM5

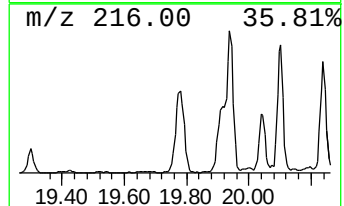
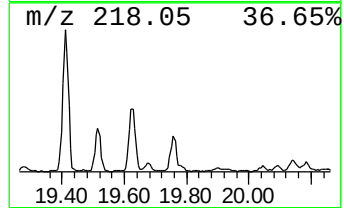
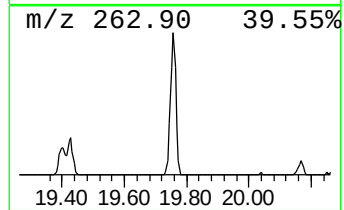
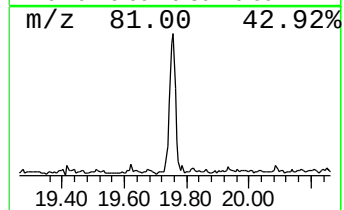
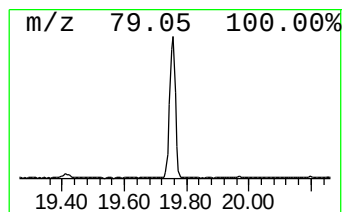
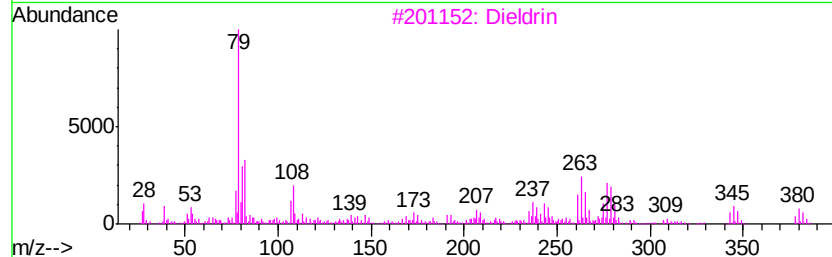
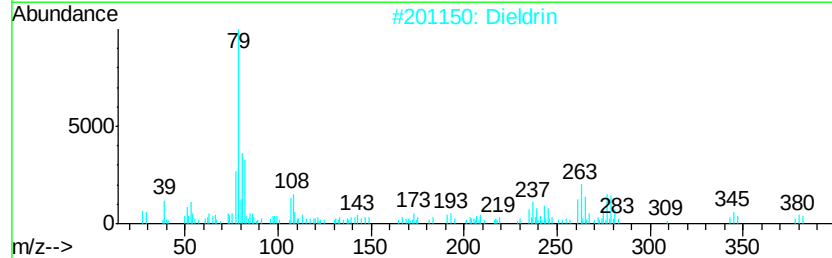
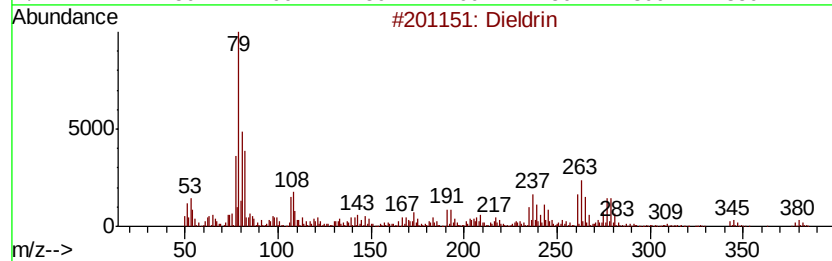
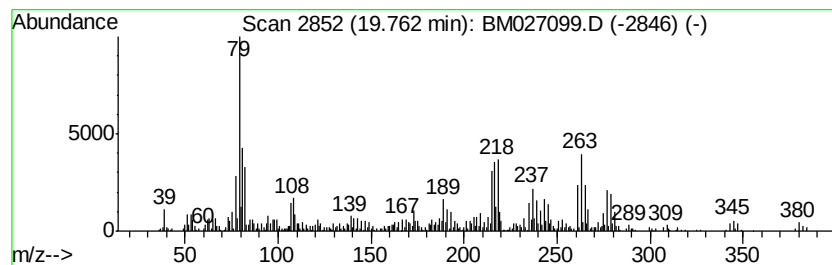
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dieldrin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.45 ng/ul	602783	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dieldrin	378	C12H8Cl6O	000060-57-1	99
2		Dieldrin	378	C12H8Cl6O	000060-57-1	98
3		Dieldrin	378	C12H8Cl6O	000060-57-1	95
4		1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	90
5		Dieldrin	378	C12H8Cl6O	000060-57-1	84



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
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Operator : JU/CG
Sample : L3631-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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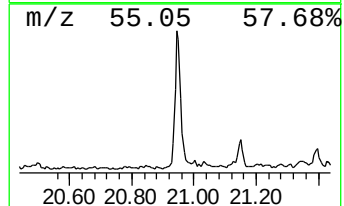
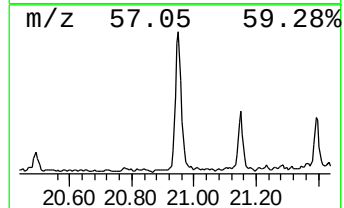
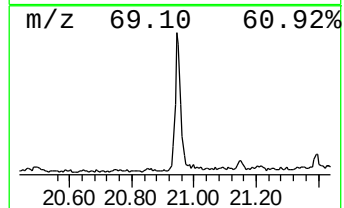
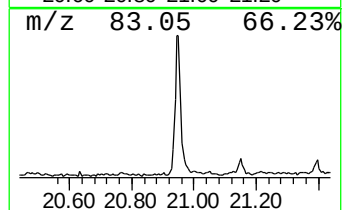
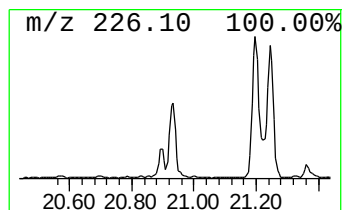
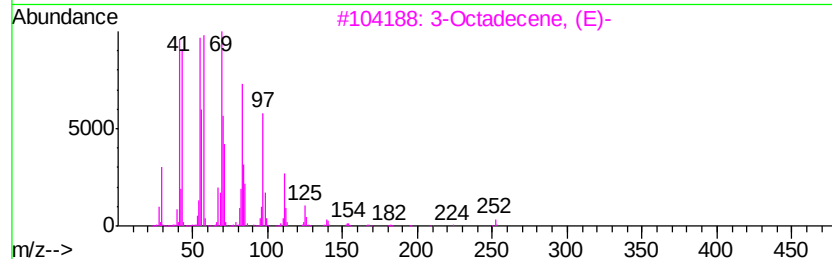
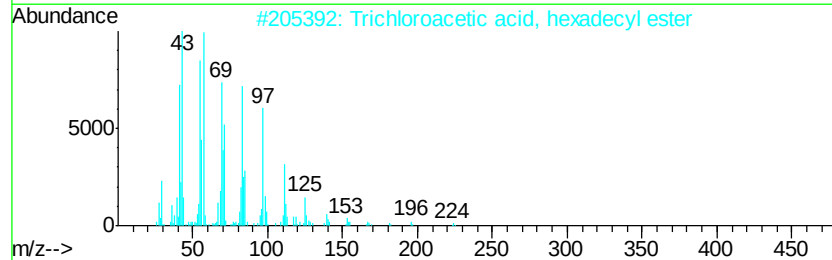
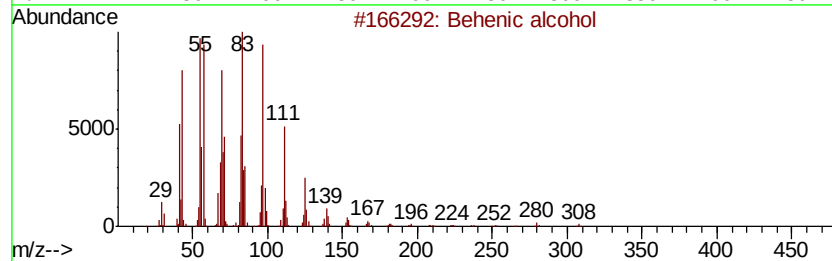
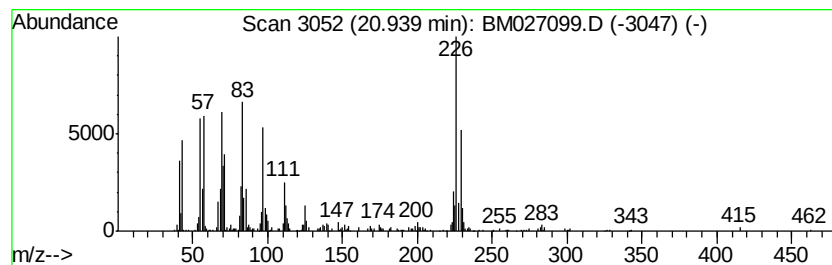
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.46 ng/ul	468602	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
3		3-Octadecene, (E)-	252	C18H36	007206-19-1	68
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	64
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
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Sample : L3631-09
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFMM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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
1H-Cyclopropa[l]p...	17.93	4.0	ng/ul	300992	4	17.02	1513170	20.0
9,10-Anthracenedione	18.43	2.2	ng/ul	163777	4	17.02	1513170	20.0
4,4'-Bis(tetrahyd...	19.23	2.1	ng/ul	283448	5	21.21	2706700	20.0
Dieldrin	19.76	4.5	ng/ul	602783	5	21.21	2706700	20.0
Behenic alcohol	20.94	3.5	ng/ul	468602	5	21.21	2706700	20.0