

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026984.D
 Acq On : 03 Aug 2020 18:36
 Operator : JU/CG
 Sample : L3424-07DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S82DL

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-BM072720MA.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	3.934	158	161	167	rBV3	7067	11639	0.40%	0.052%
2	6.834	648	654	663	rBV	15267	28020	0.96%	0.126%
3	6.998	676	682	688	rBV	11824	20322	0.70%	0.092%
4	7.198	711	716	723	rVB2	15327	24985	0.86%	0.113%
5	7.663	788	795	804	rVB	429930	654505	22.47%	2.951%
6	8.198	881	886	894	rBV2	9209	17774	0.61%	0.080%
7	8.363	910	914	920	rVB	17066	27141	0.93%	0.122%
8	8.804	982	989	995	rBV	15394	24531	0.84%	0.111%
9	9.522	1105	1111	1116	rBV3	10703	16443	0.56%	0.074%
10	10.057	1197	1202	1208	rVB2	18546	28053	0.96%	0.126%
11	10.433	1257	1266	1272	rBV	544804	908380	31.19%	4.095%
12	10.486	1272	1275	1283	rVB2	17394	25841	0.89%	0.116%
13	10.563	1285	1288	1295	rBV4	5305	8579	0.29%	0.039%
14	12.098	1544	1549	1556	rVB3	7910	12780	0.44%	0.058%
15	12.322	1581	1587	1592	rBV5	3706	5489	0.19%	0.025%
16	13.574	1796	1800	1804	rBV3	8915	13071	0.45%	0.059%
17	13.627	1804	1809	1813	rVB4	6896	10196	0.35%	0.046%
18	13.710	1818	1823	1826	rVV	28748	41775	1.43%	0.188%
19	13.751	1826	1830	1835	rVB2	14344	20611	0.71%	0.093%
20	13.986	1862	1870	1871	rBV	33133	49758	1.71%	0.224%
21	14.010	1871	1874	1883	rVB	70339	110485	3.79%	0.498%
22	14.292	1916	1922	1929	rVV	808922	1168985	40.14%	5.270%
23	14.351	1929	1932	1941	rVB3	8935	17131	0.59%	0.077%
24	14.492	1949	1956	1962	rBV5	9403	20346	0.70%	0.092%
25	14.568	1965	1969	1973	rVV6	2665	4384	0.15%	0.020%
26	14.692	1985	1990	2000	rVV2	15158	23753	0.82%	0.107%
27	15.168	2066	2071	2078	rBV6	4086	6768	0.23%	0.031%
28	15.286	2086	2091	2096	rBV	44111	61958	2.13%	0.279%
29	15.339	2096	2100	2107	rVV4	8185	15637	0.54%	0.070%
30	15.404	2107	2111	2115	rVV3	7800	11021	0.38%	0.050%
31	15.551	2131	2136	2138	rBV3	3705	7433	0.26%	0.034%
32	15.586	2138	2142	2146	rVV4	17998	26410	0.91%	0.119%
33	15.639	2146	2151	2153	rVV6	4668	6954	0.24%	0.031%
34	15.680	2156	2158	2166	rVV3	3772	5756	0.20%	0.026%

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35	15.792	2172	2177	2183	rVB4	4443	10113	0.35%	0.046%
36	16.010	2208	2214	2220	rVV5	10844	20640	0.71%	0.093%
37	16.063	2220	2223	2231	rVB5	4509	7746	0.27%	0.035%
38	16.151	2234	2238	2242	rBV3	2216	4690	0.16%	0.021%
39	16.580	2306	2311	2313	rBV4	3103	5021	0.17%	0.023%
40	16.615	2313	2317	2322	rVV2	9872	14246	0.49%	0.064%
41	16.686	2324	2329	2338	rVB2	16933	27287	0.94%	0.123%
42	16.774	2338	2344	2349	rBV6	2871	5071	0.17%	0.023%
43	16.821	2349	2352	2355	rBV4	7110	10046	0.34%	0.045%
44	17.033	2382	2388	2393	rVV	953088	1320360	45.34%	5.952%
45	17.074	2393	2395	2400	rVV	84734	106374	3.65%	0.480%
46	17.133	2400	2405	2407	rVV	54058	81617	2.80%	0.368%
47	17.168	2407	2411	2416	rVV	178441	277208	9.52%	1.250%
48	17.221	2417	2420	2429	rVB3	17527	37434	1.29%	0.169%
49	17.433	2448	2456	2463	rVV2	32581	68840	2.36%	0.310%
50	17.480	2463	2464	2468	rVB4	5636	6204	0.21%	0.028%
51	17.562	2475	2478	2482	rBV5	7933	10093	0.35%	0.045%
52	17.609	2484	2486	2491	rVB4	7424	8613	0.30%	0.039%
53	17.692	2497	2500	2502	rBV4	8514	6524	0.22%	0.029%
54	17.821	2520	2522	2527	rBV6	4064	4781	0.16%	0.022%
55	17.886	2530	2533	2534	rBV2	8754	9377	0.32%	0.042%
56	17.951	2540	2544	2550	rVB4	25551	40601	1.39%	0.183%
57	18.039	2554	2559	2563	rBV	22952	35464	1.22%	0.160%
58	18.098	2563	2569	2574	rBV3	32739	71480	2.45%	0.322%
59	18.292	2599	2602	2610	rVB	21882	32557	1.12%	0.147%
60	18.386	2615	2618	2621	rBV2	10886	17753	0.61%	0.080%
61	18.409	2621	2622	2625	rVV	17137	17888	0.61%	0.081%
62	18.445	2625	2628	2638	rVB3	45739	72495	2.49%	0.327%
63	18.756	2676	2681	2682	rBV5	12528	18678	0.64%	0.084%
64	18.827	2689	2693	2699	rBV3	34091	63262	2.17%	0.285%
65	18.898	2700	2705	2706	rBV4	17271	23932	0.82%	0.108%
66	18.968	2713	2717	2724	rVB	96473	131105	4.50%	0.591%
67	19.092	2733	2738	2745	rBV	846208	1075987	36.95%	4.851%
68	19.192	2751	2755	2760	rVB	51396	69783	2.40%	0.315%
69	19.245	2760	2764	2767	rBV2	38824	55038	1.89%	0.248%
70	19.315	2773	2776	2778	rBV	25733	30294	1.04%	0.137%
71	19.456	2790	2800	2809	rBV	1010776	1604019	55.08%	7.231%

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72	19.539	2810	2814	2819	rVB3	28615	52298	1.80%	0.236%
73	19.639	2827	2831	2836	rBV	54977	81169	2.79%	0.366%
74	19.698	2836	2841	2845	rVB	79325	121931	4.19%	0.550%
75	19.792	2851	2857	2862	rBV4	80624	175618	6.03%	0.792%
76	19.921	2875	2879	2889	rVB4	112704	320646	11.01%	1.445%
77	20.050	2898	2901	2905	rBV2	42381	56332	1.93%	0.254%
78	20.109	2906	2911	2915	rVV2	103700	164449	5.65%	0.741%
79	20.250	2931	2935	2939	rBV	90050	130434	4.48%	0.588%
80	20.298	2939	2943	2944	rBV2	49190	66524	2.28%	0.300%
81	20.362	2951	2954	2958	rVB2	45949	51767	1.78%	0.233%
82	20.509	2977	2979	2983	rBV5	29578	40251	1.38%	0.181%
83	20.698	3008	3011	3018	rVB2	129235	185202	6.36%	0.835%
84	20.868	3034	3040	3043	rBV2	105252	206380	7.09%	0.930%
85	20.903	3043	3046	3049	rVV2	112295	137340	4.72%	0.619%
86	20.945	3049	3053	3058	rVV2	227163	370662	12.73%	1.671%
87	20.992	3059	3061	3065	rVB2	89174	106579	3.66%	0.480%
88	21.174	3089	3092	3093	rBV2	63850	73888	2.54%	0.333%
89	21.221	3093	3100	3104	rVV2	1260629	2522875	86.63%	11.373%
90	21.256	3104	3106	3113	rVB	691585	836268	28.72%	3.770%
91	21.392	3127	3129	3132	rBV2	58188	53794	1.85%	0.243%
92	21.527	3149	3152	3155	rBV2	80041	93675	3.22%	0.422%
93	21.821	3198	3202	3208	rVB3	141778	207954	7.14%	0.937%
94	22.633	3336	3340	3346	rVB2	140777	219637	7.54%	0.990%
95	22.768	3357	3363	3369	rBV2	1151084	2912166	100.00%	13.128%
96	22.939	3389	3392	3398	rVB	134844	201102	6.91%	0.907%
97	23.239	3438	3443	3450	rVB	553809	887898	30.49%	4.003%
98	23.333	3454	3459	3467	rVB	411306	761193	26.14%	3.431%
99	23.427	3469	3475	3481	rBV2	677313	1258847	43.23%	5.675%
100	25.632	3843	3850	3861	rVB	360640	1046400	35.93%	4.717%

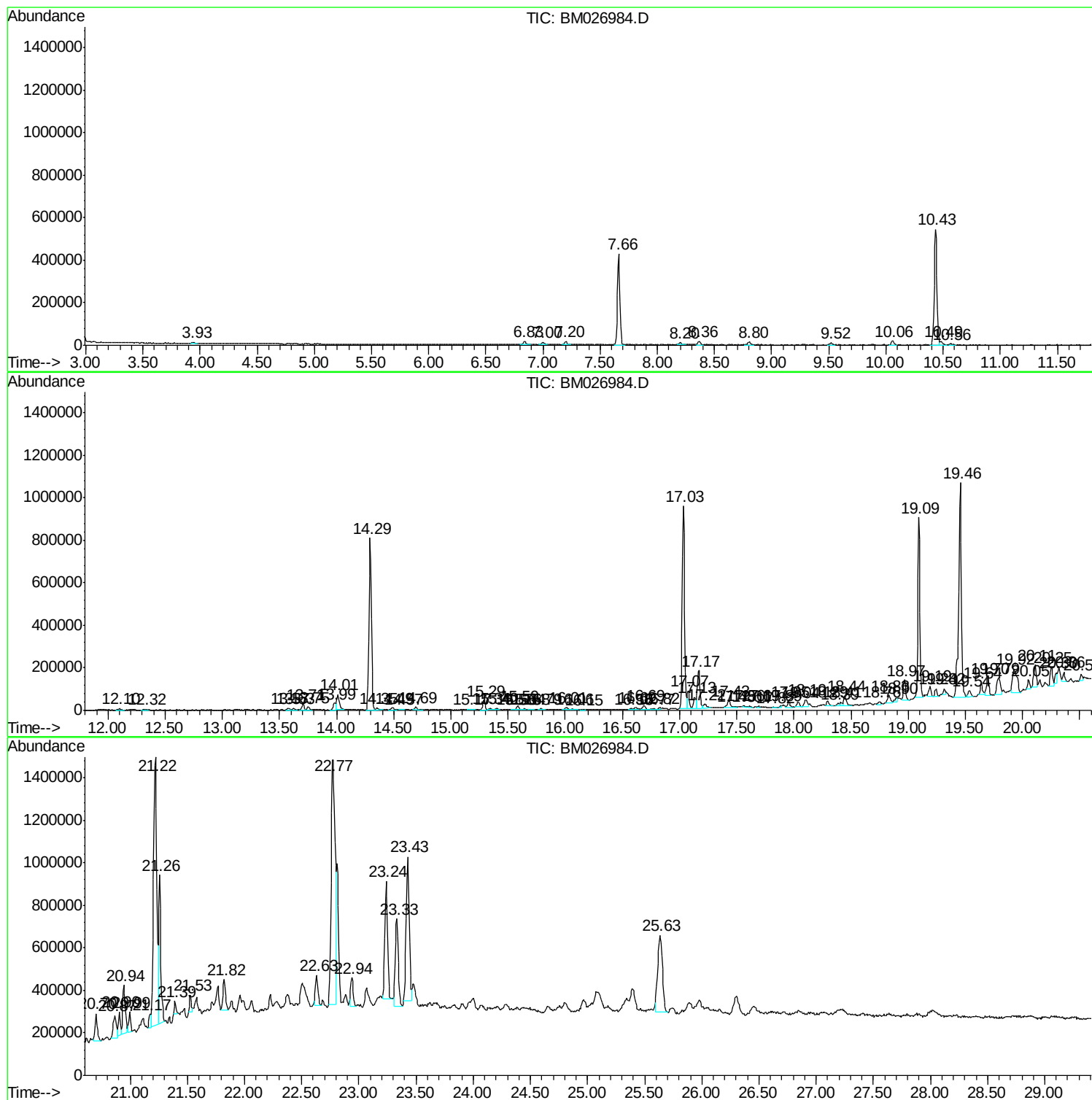
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



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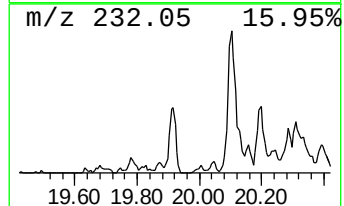
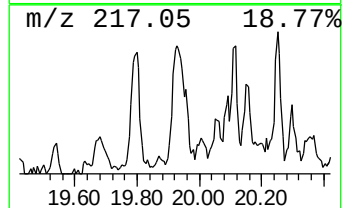
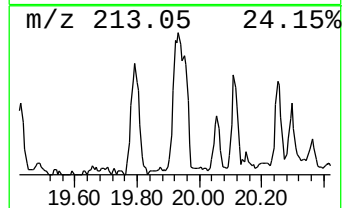
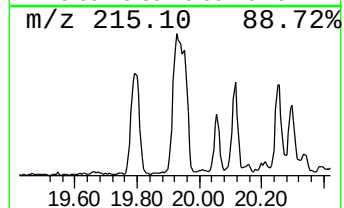
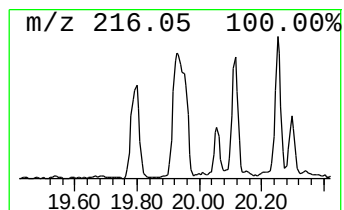
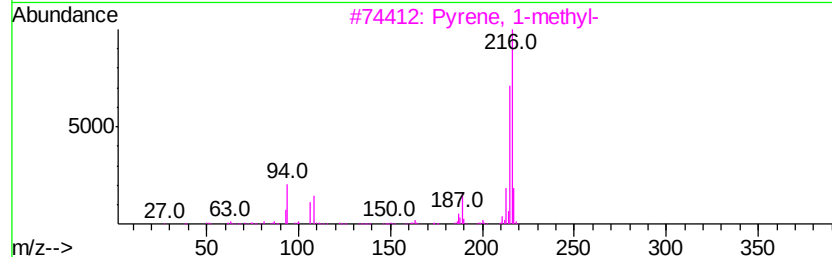
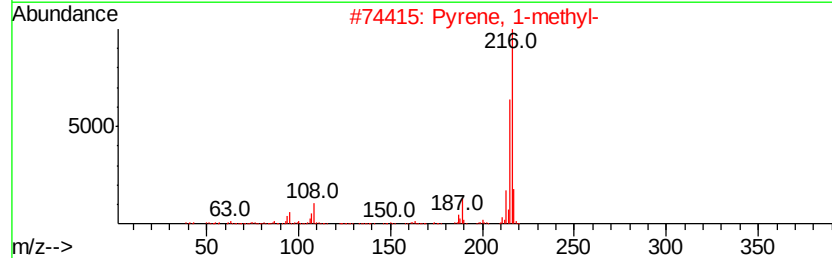
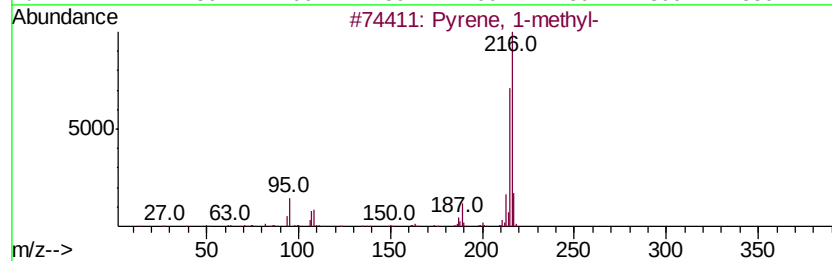
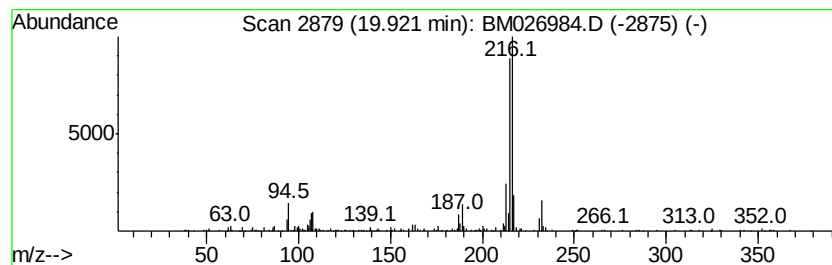
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.92	2.54 ng/ul	320646	Chrysene-d12	21.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



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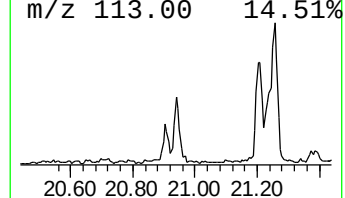
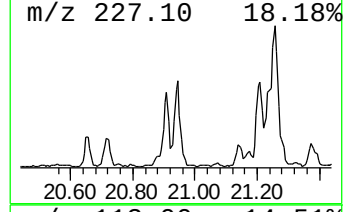
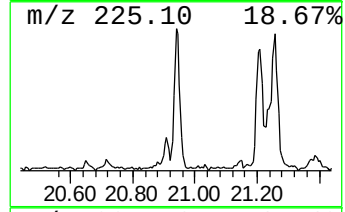
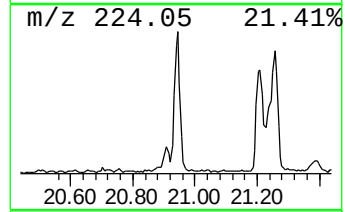
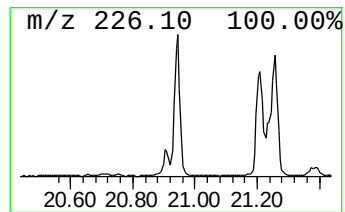
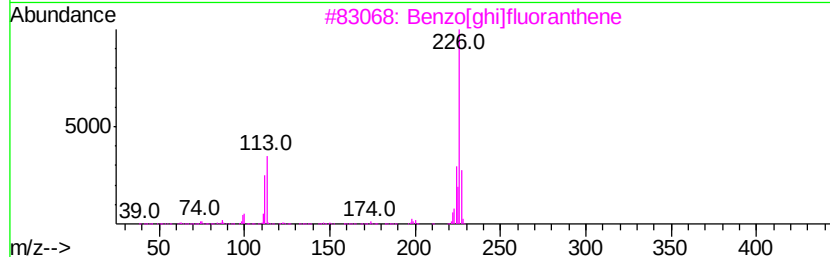
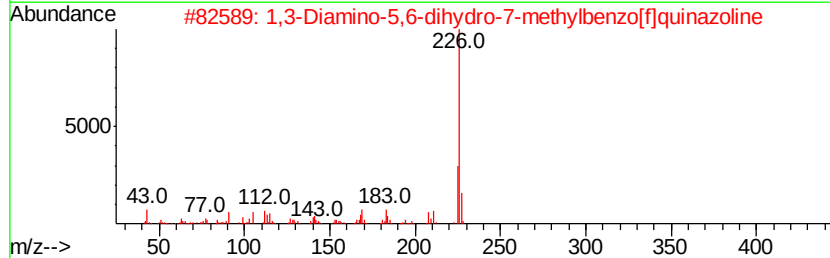
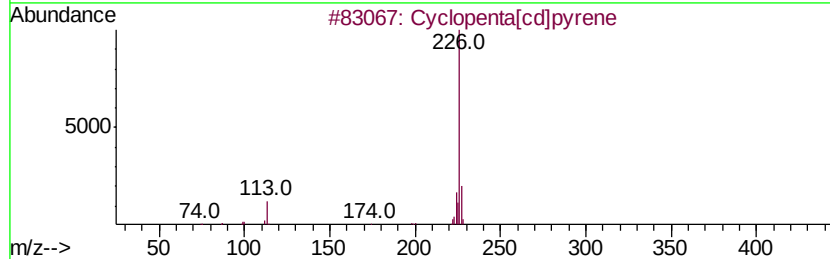
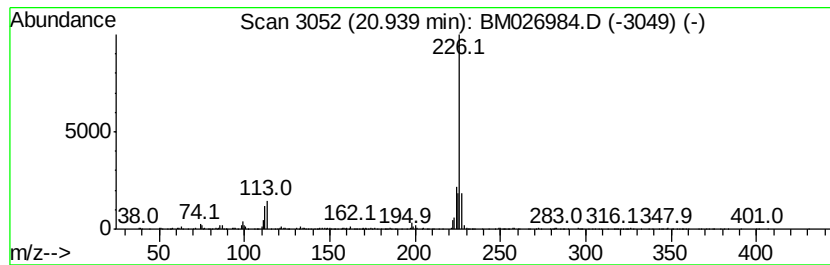
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.94 ng/ul	370662	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 64
2		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 53
3		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 49
4		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 42
5		9H-Thioxanthen-9-one, 2-methyl-	226 C14H10OS	015774-82-0 40



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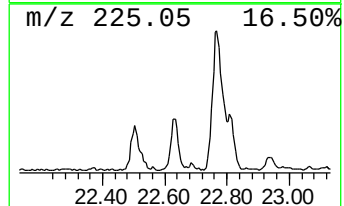
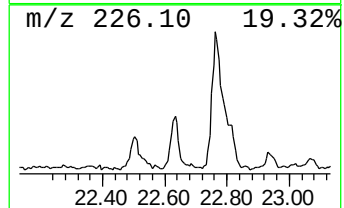
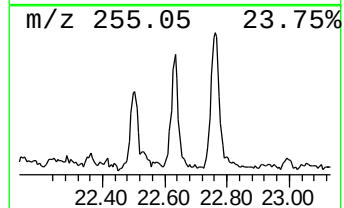
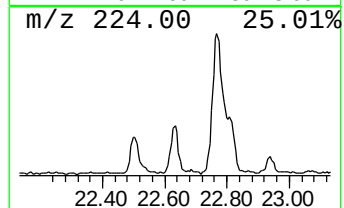
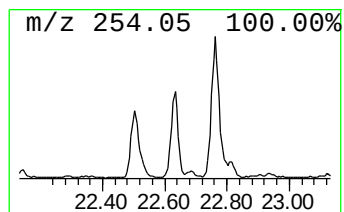
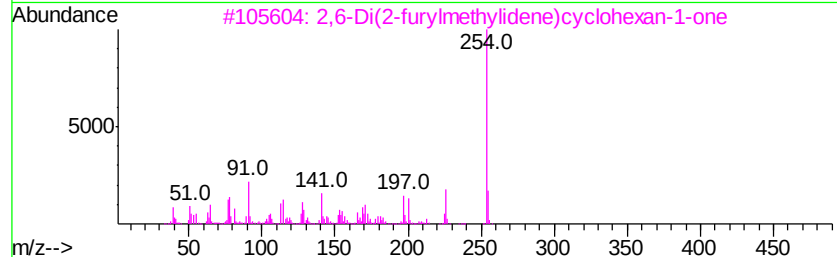
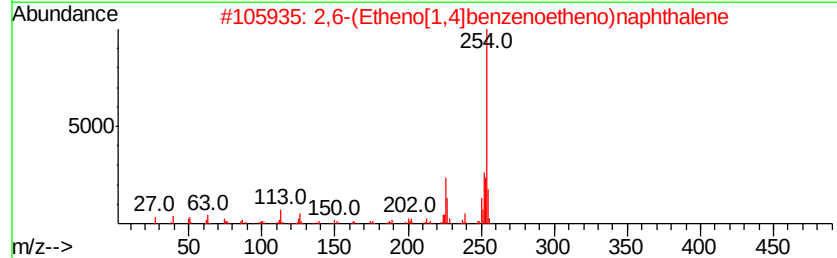
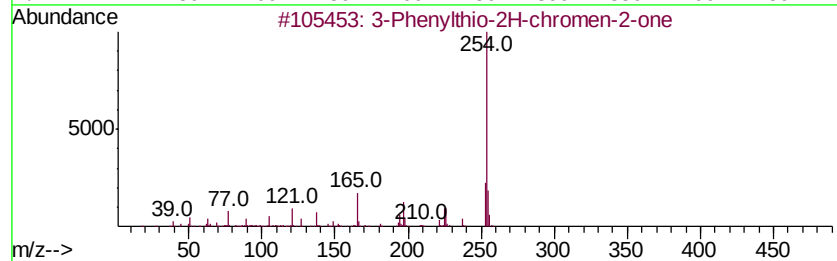
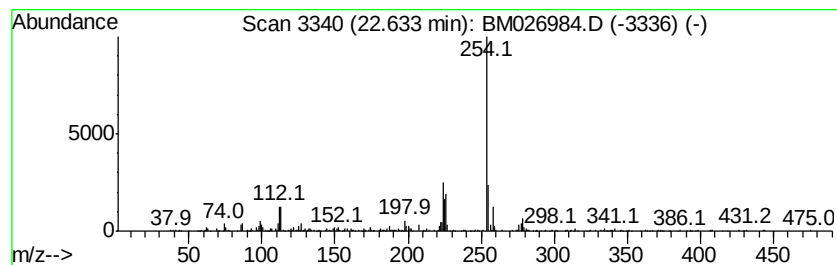
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Peak Number 3 3-Phenylthio-2H-chromen-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.63	3.49 ng/ul	219637	Perylene-d12	23.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	64
2		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53
3		2,6-Di(2-furvlmethyldiene)cvcloh...	254	C16H14O3	000893-00-5	53
4		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	52
5		Chrysin	254	C15H10O4	000480-40-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
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Acq On : 03 Aug 2020 18:36
Operator : JU/CG
Sample : L3424-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

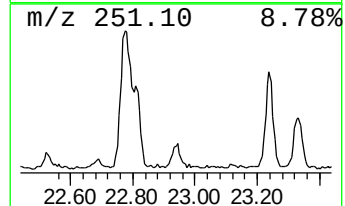
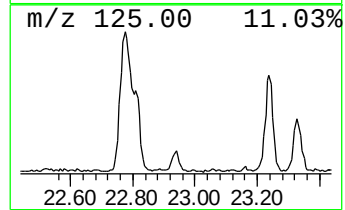
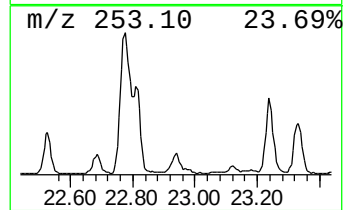
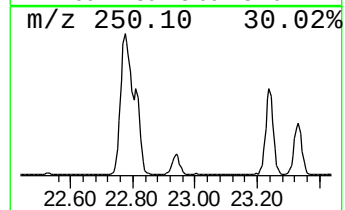
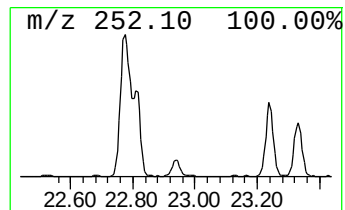
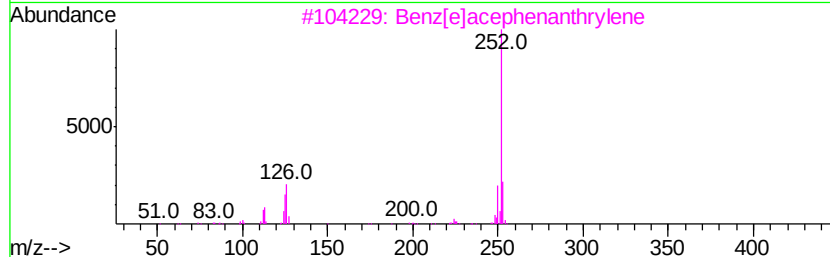
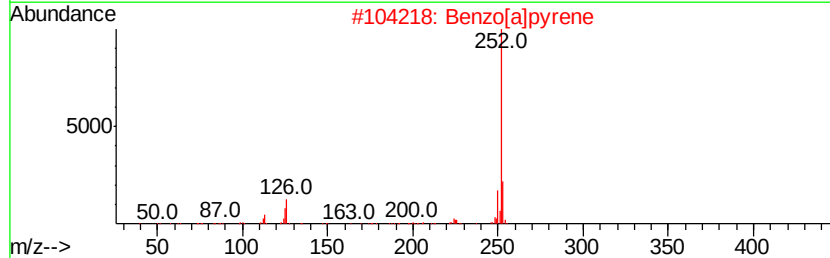
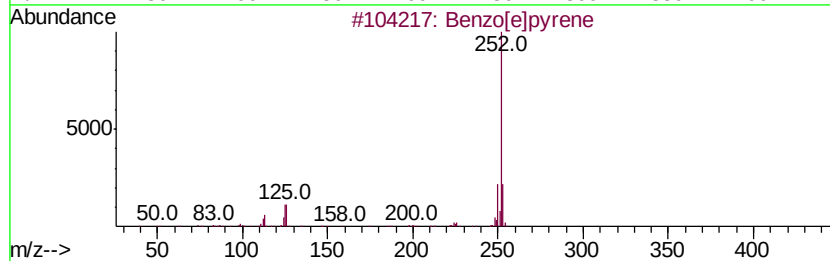
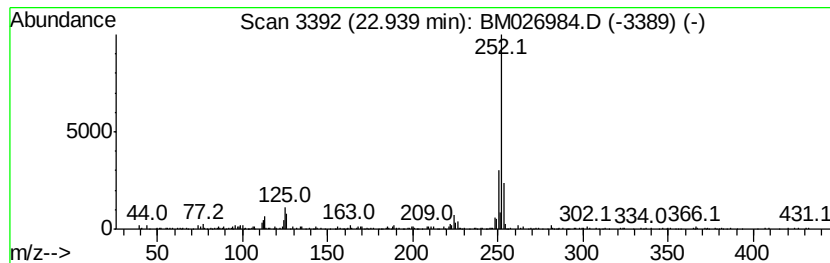
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	3.20 ng/ul	201102	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	93
2	Benzo[a]pyrene	252 C20H12	000050-32-8	93
3	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	90
4	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252 C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026984.D
Acq On : 03 Aug 2020 18:36
Operator : JU/CG
Sample : L3424-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S82DL

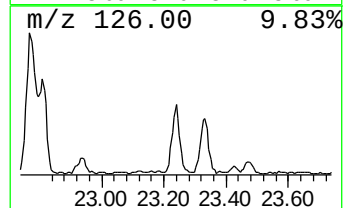
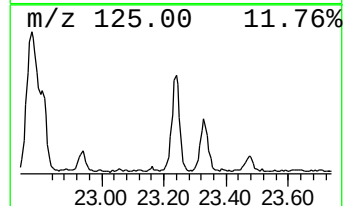
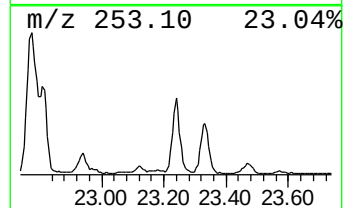
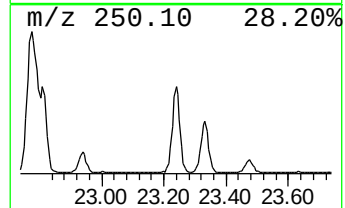
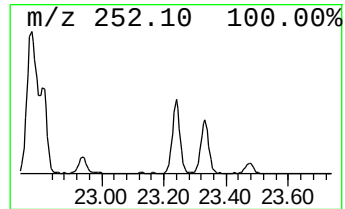
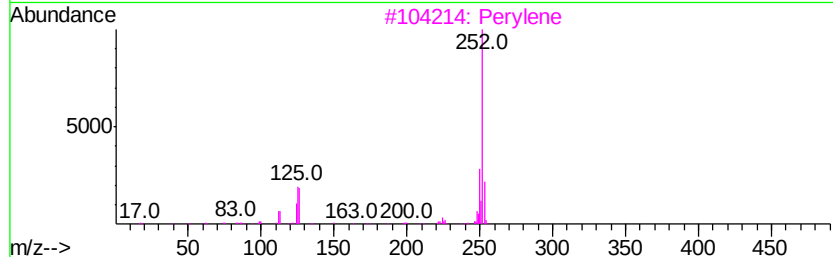
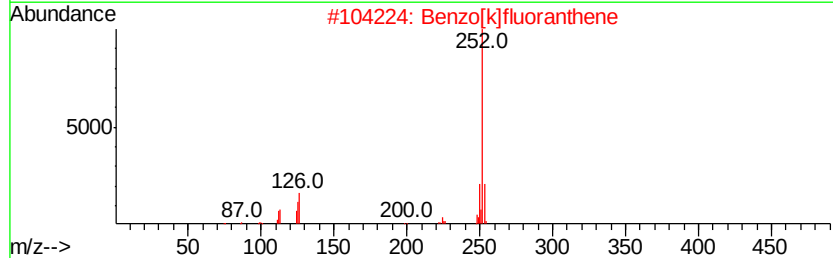
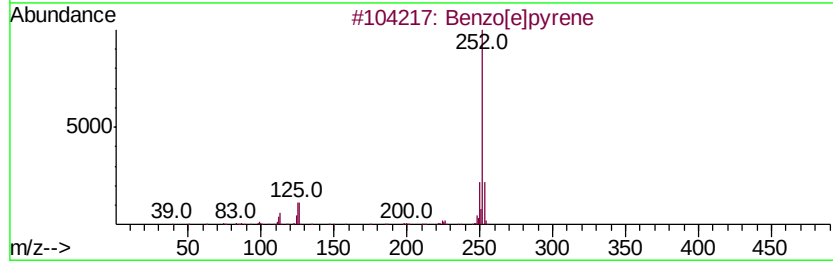
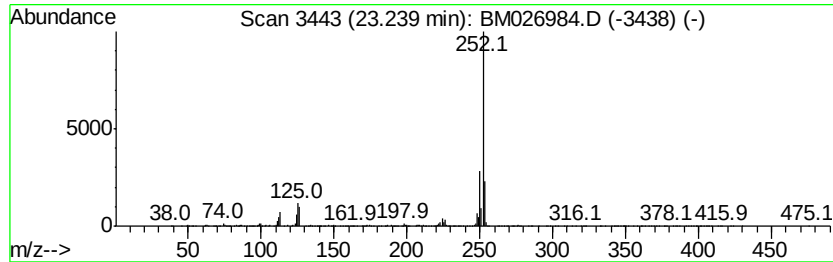
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	14.11 ng/ul	887898	Perylene-d12	23.43

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		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
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Acq On : 03 Aug 2020 18:36
Operator : JU/CG
Sample : L3424-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S82DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
Pyrene, 1-methyl-	19.92	2.5	ng/ul	320646	5	21.22	2522880	20.0
Cyclopenta[cd]pyrene	20.94	2.9	ng/ul	370662	5	21.22	2522880	20.0
3-Phenylthio-2H-c...	22.63	3.5	ng/ul	219637	6	23.43	1258850	20.0
Benzo[e]pyrene	22.94	3.2	ng/ul	201102	6	23.43	1258850	20.0
Perylene	23.24	14.1	ng/ul	887898	6	23.43	1258850	20.0