

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026985.D
 Acq On : 03 Aug 2020 19:13
 Operator : JU/CG
 Sample : L3424-04DL 25X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S79DL

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	159	161	165	rVB3	7136	8141	0.31%	0.041%
2	6.840	650	655	662	rVB2	13930	23445	0.89%	0.117%
3	6.998	678	682	689	rVB	9980	17218	0.65%	0.086%
4	7.198	711	716	721	rBV2	15660	21987	0.83%	0.110%
5	7.663	788	795	802	rBV	418847	636677	24.10%	3.187%
6	8.198	878	886	892	rBV3	18236	35142	1.33%	0.176%
7	8.363	909	914	923	rBV3	17076	25977	0.98%	0.130%
8	8.798	981	988	994	rBV2	12726	21431	0.81%	0.107%
9	9.522	1106	1111	1116	rBV3	10986	14346	0.54%	0.072%
10	10.057	1197	1202	1208	rBV2	16983	26315	1.00%	0.132%
11	10.433	1258	1266	1272	rVV	542541	892976	33.80%	4.470%
12	10.481	1272	1274	1281	rVV	43888	64748	2.45%	0.324%
13	10.569	1284	1289	1298	rVB5	6519	12600	0.48%	0.063%
14	11.816	1497	1501	1504	rBV4	2584	3680	0.14%	0.018%
15	11.939	1516	1522	1525	rBV4	2204	4995	0.19%	0.025%
16	12.104	1544	1550	1556	rBV	11026	18517	0.70%	0.093%
17	12.204	1563	1567	1569	rBV2	3694	5939	0.22%	0.030%
18	12.322	1582	1587	1593	rVB5	3951	7424	0.28%	0.037%
19	13.122	1718	1723	1730	rBV6	3918	7288	0.28%	0.036%
20	13.621	1805	1808	1812	rVB4	2817	3884	0.15%	0.019%
21	13.704	1817	1822	1826	rVV	28009	39072	1.48%	0.196%
22	13.757	1826	1831	1836	rVB3	9395	15648	0.59%	0.078%
23	13.986	1863	1870	1871	rBV3	31985	49100	1.86%	0.246%
24	14.010	1871	1874	1887	rVB	88425	148827	5.63%	0.745%
25	14.292	1916	1922	1928	rBV	803237	1138452	43.09%	5.698%
26	14.351	1930	1932	1939	rVB2	10748	16430	0.62%	0.082%
27	14.486	1950	1955	1963	rVB4	8029	14755	0.56%	0.074%
28	14.692	1985	1990	1994	rBV	17267	24823	0.94%	0.124%
29	15.168	2067	2071	2076	rBV5	5993	9471	0.36%	0.047%
30	15.286	2085	2091	2097	rBV	42570	60181	2.28%	0.301%
31	15.339	2097	2100	2104	rVV2	14657	21393	0.81%	0.107%
32	15.398	2108	2110	2116	rVB5	6861	8291	0.31%	0.042%
33	15.539	2130	2134	2137	rBV4	4504	7577	0.29%	0.038%
34	15.592	2139	2143	2147	rVB6	4260	6177	0.23%	0.031%

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35	15.639	2147	2151	2155	rBV4	3774	6789	0.26%	0.034%
36	15.786	2174	2176	2184	rVB4	5588	8850	0.33%	0.044%
37	16.010	2209	2214	2218	rBV3	16538	27291	1.03%	0.137%
38	16.068	2221	2224	2230	rVB4	6852	8167	0.31%	0.041%
39	16.615	2313	2317	2322	rVV2	16246	25865	0.98%	0.129%
40	16.686	2324	2329	2335	rVB	18977	29706	1.12%	0.149%
41	16.833	2350	2354	2355	rVV4	5551	8093	0.31%	0.041%
42	16.857	2356	2358	2360	rVV3	6779	5358	0.20%	0.027%
43	16.886	2360	2363	2367	rVV6	4246	5735	0.22%	0.029%
44	17.033	2381	2388	2393	rBV	907658	1289192	48.79%	6.453%
45	17.074	2393	2395	2400	rVB	102251	114513	4.33%	0.573%
46	17.133	2400	2405	2406	rBV2	51534	68730	2.60%	0.344%
47	17.168	2406	2411	2418	rVB	428142	635236	24.04%	3.180%
48	17.304	2431	2434	2437	rBV4	3971	5441	0.21%	0.027%
49	17.433	2451	2456	2461	rBV	32163	50976	1.93%	0.255%
50	17.533	2469	2473	2475	rBV5	3707	6472	0.24%	0.032%
51	17.562	2475	2478	2481	rVV5	9129	12336	0.47%	0.062%
52	17.615	2485	2487	2491	rVB4	7249	7971	0.30%	0.040%
53	17.686	2497	2499	2504	rBV5	5954	9578	0.36%	0.048%
54	17.733	2504	2507	2513	rVB7	8658	13203	0.50%	0.066%
55	17.909	2534	2537	2540	rVV2	9610	10834	0.41%	0.054%
56	17.951	2540	2544	2554	rVB4	34708	53082	2.01%	0.266%
57	18.039	2554	2559	2564	rBV	39828	61443	2.33%	0.308%
58	18.109	2564	2571	2575	rBV4	29866	64744	2.45%	0.324%
59	18.198	2584	2586	2587	rBV2	5153	4497	0.17%	0.023%
60	18.256	2594	2596	2598	rBV2	4923	5339	0.20%	0.027%
61	18.298	2598	2603	2609	rVB	40227	57396	2.17%	0.287%
62	18.386	2614	2618	2619	rBV4	13197	13272	0.50%	0.066%
63	18.445	2625	2628	2635	rVB3	33467	46176	1.75%	0.231%
64	18.633	2658	2660	2663	rBV4	5942	7788	0.29%	0.039%
65	18.827	2688	2693	2698	rBV4	27555	47509	1.80%	0.238%
66	18.909	2702	2707	2712	rVV6	40396	63733	2.41%	0.319%
67	18.968	2713	2717	2724	rVB	54618	75631	2.86%	0.379%
68	19.045	2727	2730	2733	rBV2	27413	30429	1.15%	0.152%
69	19.092	2733	2738	2746	rVV	547938	727705	27.54%	3.642%
70	19.186	2752	2754	2758	rVB2	19713	23673	0.90%	0.118%
71	19.239	2759	2763	2769	rVB2	48761	71650	2.71%	0.359%

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72	19.309	2773	2775	2778	rBV	10214	10530	0.40%	0.053%
73	19.427	2790	2795	2796	rBV	130546	156023	5.91%	0.781%
74	19.456	2796	2800	2809	rVB	615690	834773	31.59%	4.178%
75	19.639	2827	2831	2836	rBV	36217	46505	1.76%	0.233%
76	19.692	2836	2840	2847	rVB2	29737	55570	2.10%	0.278%
77	19.798	2851	2858	2862	rBV4	63700	141235	5.35%	0.707%
78	19.921	2875	2879	2884	rBV3	81075	185887	7.04%	0.930%
79	20.056	2898	2902	2905	rVB2	44609	56147	2.13%	0.281%
80	20.109	2907	2911	2915	rVV3	77146	124573	4.71%	0.624%
81	20.150	2916	2918	2922	rVB3	31583	33926	1.28%	0.170%
82	20.250	2932	2935	2939	rBV	68738	93950	3.56%	0.470%
83	20.303	2940	2944	2946	rBV4	33030	55947	2.12%	0.280%
84	20.509	2977	2979	2983	rBV5	26327	36831	1.39%	0.184%
85	20.703	3008	3012	3019	rVB2	97818	139361	5.27%	0.698%
86	20.868	3034	3040	3044	rBV3	94958	184132	6.97%	0.922%
87	20.909	3044	3047	3049	rVV2	83266	93631	3.54%	0.469%
88	20.945	3049	3053	3058	rVV2	173585	276598	10.47%	1.384%
89	20.992	3059	3061	3066	rVB2	54032	73325	2.78%	0.367%
90	21.221	3093	3100	3104	rBV2	1236954	2223086	84.14%	11.128%
91	21.256	3104	3106	3113	rVB	826843	1041282	39.41%	5.212%
92	21.392	3126	3129	3133	rBV2	71181	100056	3.79%	0.501%
93	21.527	3149	3152	3155	rBV2	84270	102497	3.88%	0.513%
94	22.633	3337	3340	3346	rVB2	145876	203677	7.71%	1.019%
95	22.780	3358	3365	3370	rBV3	996103	2642129	100.00%	13.225%
96	22.939	3389	3392	3399	rVB	148325	225688	8.54%	1.130%
97	23.244	3439	3444	3450	rVB	448425	748978	28.35%	3.749%
98	23.333	3454	3459	3467	rVB	370207	664878	25.16%	3.328%
99	23.427	3470	3475	3481	rBV2	626661	1179472	44.64%	5.904%
100	25.638	3844	3851	3862	rVB	416327	1130249	42.78%	5.657%

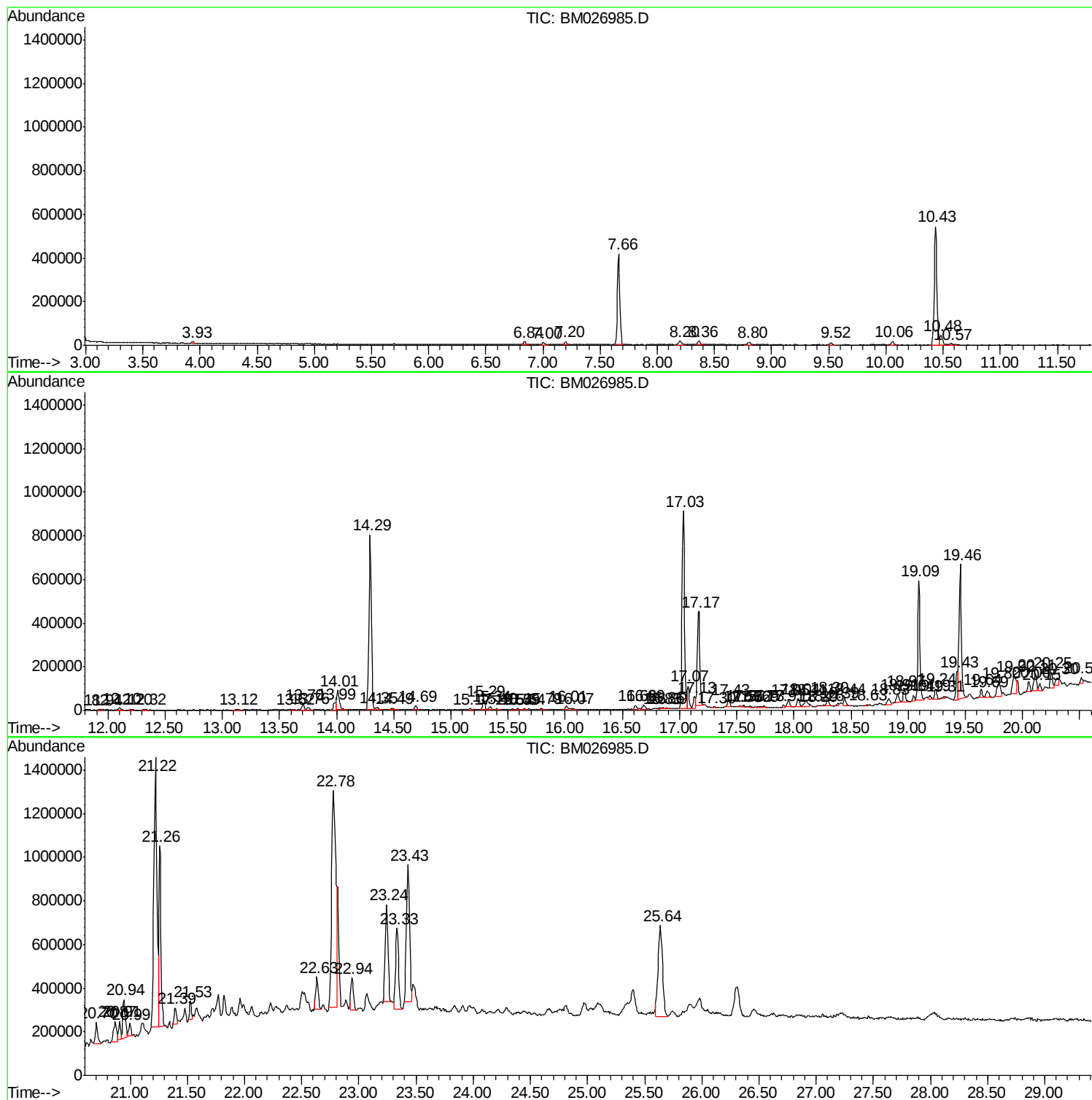
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



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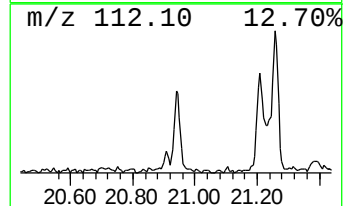
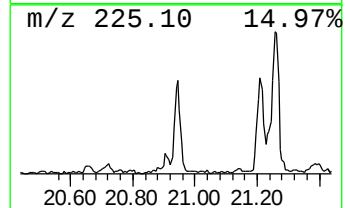
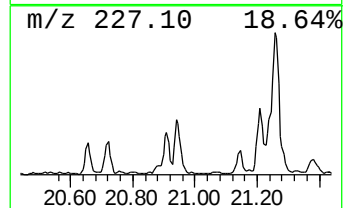
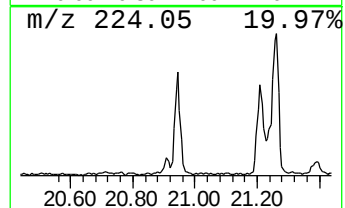
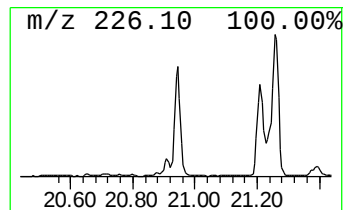
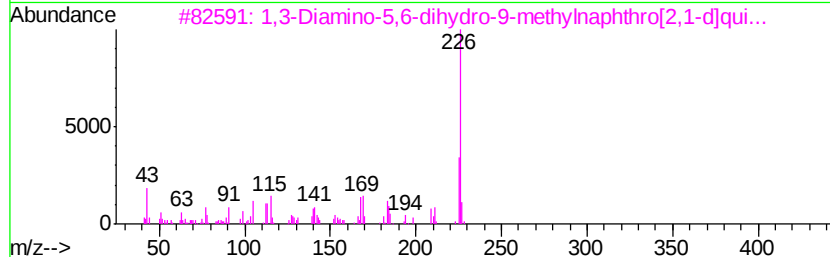
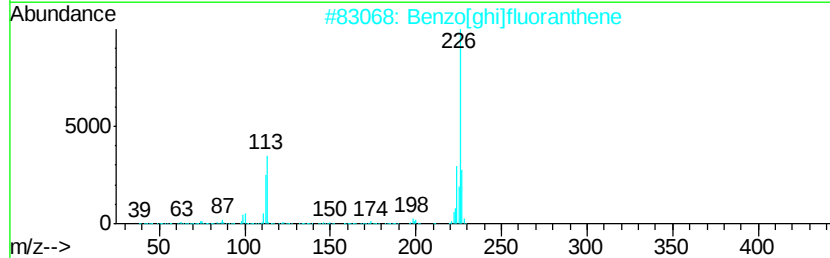
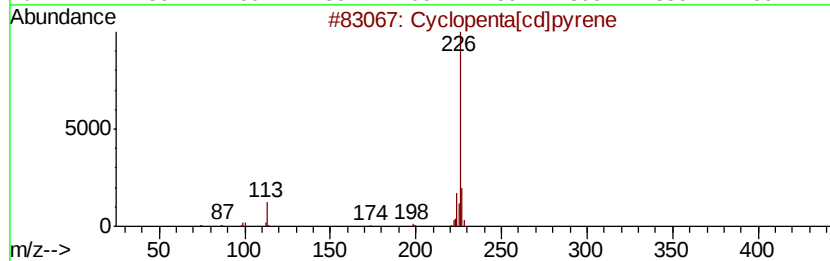
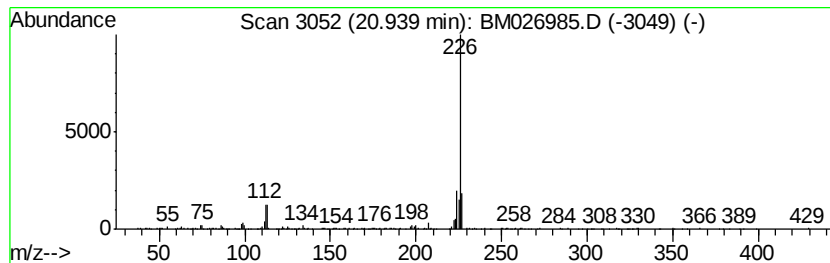
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.49 ng/ul	276598	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	68
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
3		1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
4		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
5		1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38



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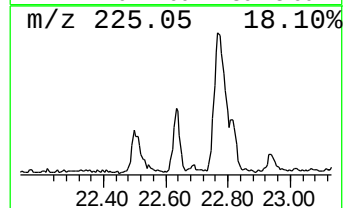
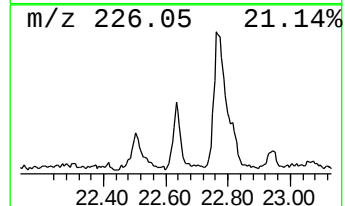
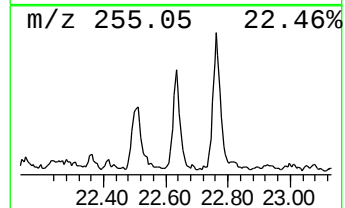
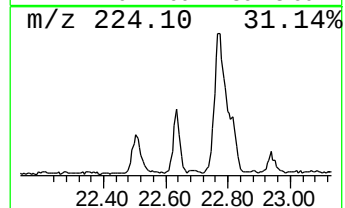
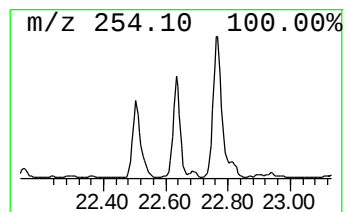
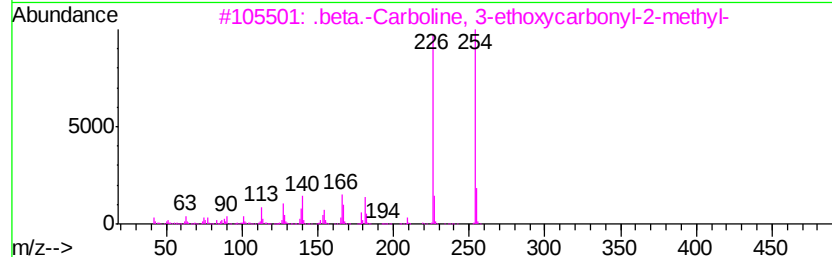
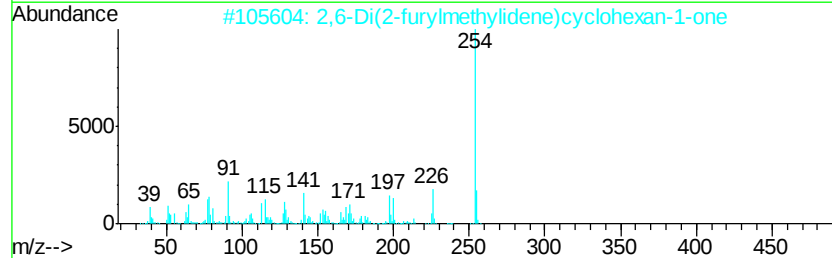
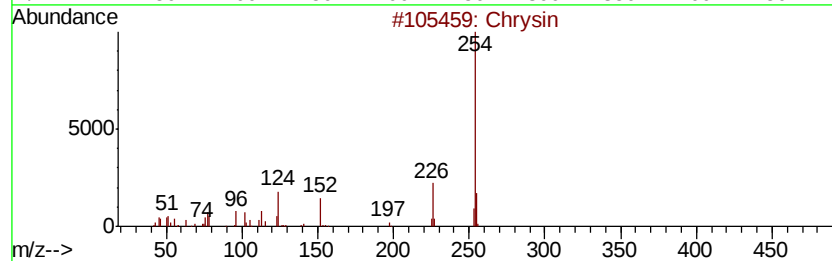
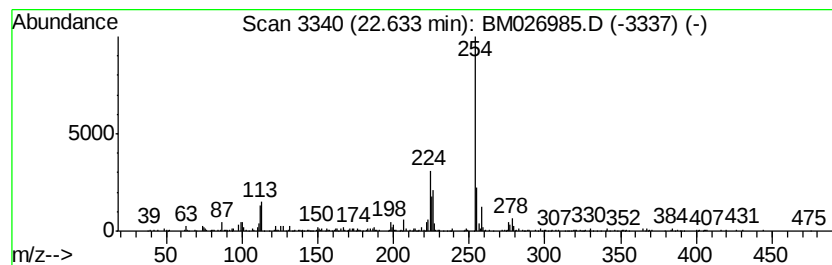
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Chrysin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	3.45 ng/ul	203677	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysin	254	C15H10O4	000480-40-0	58
2		2,6-Di(2-furylmethylidene)cyclohexan-1-one	254	C16H14O3	000893-00-5	53
3		.beta.-Carboline, 3-ethoxycarbonyl-2-methyl-	254	C15H14N2O2	124487-93-0	50
4		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	49
5		Chrysin	254	C15H10O4	000480-40-0	47



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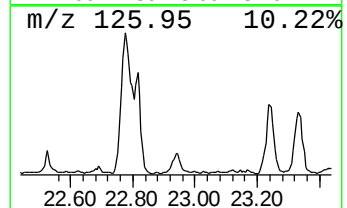
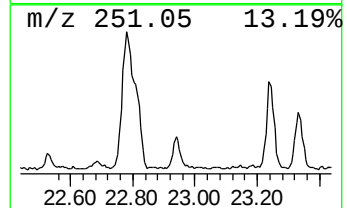
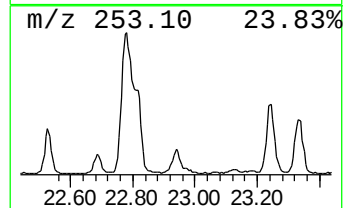
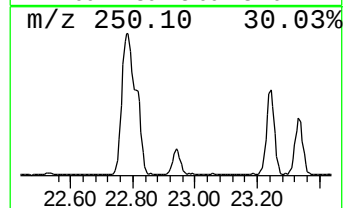
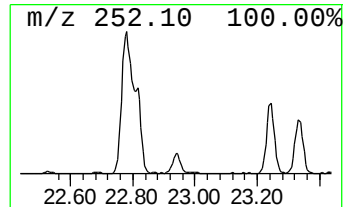
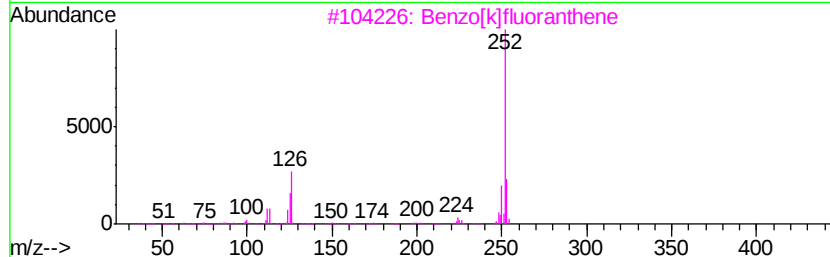
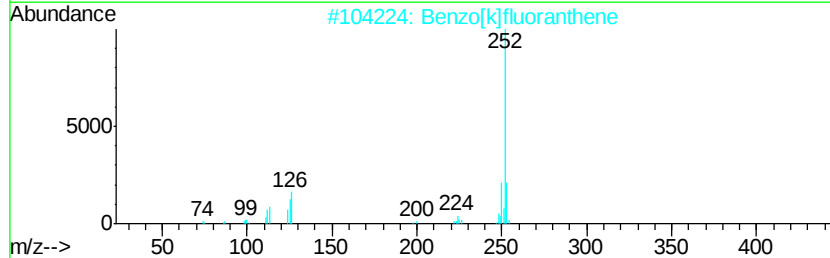
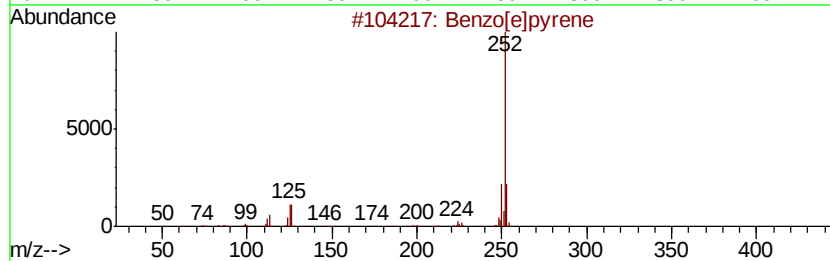
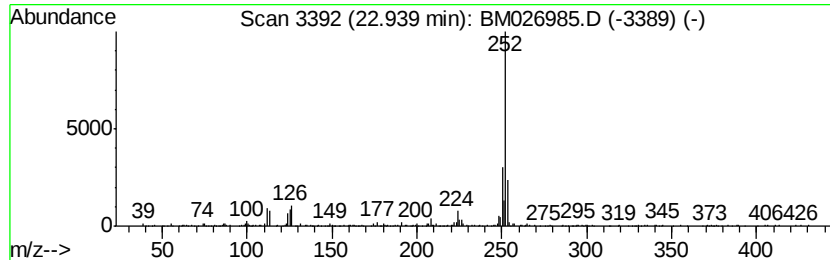
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	3.83 ng/ul	225688	Perylene-d12	23.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026985.D
Acq On : 03 Aug 2020 19:13
Operator : JU/CG
Sample : L3424-04DL 25X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S79DL

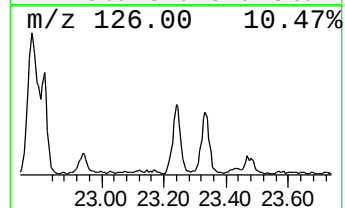
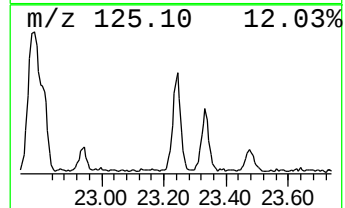
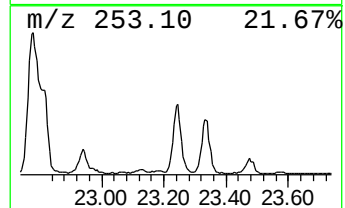
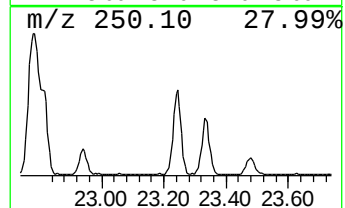
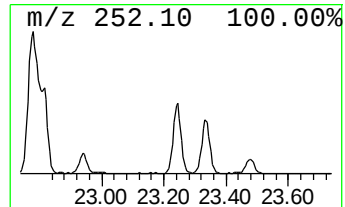
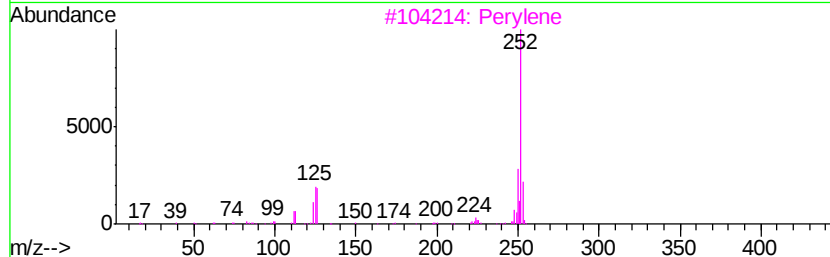
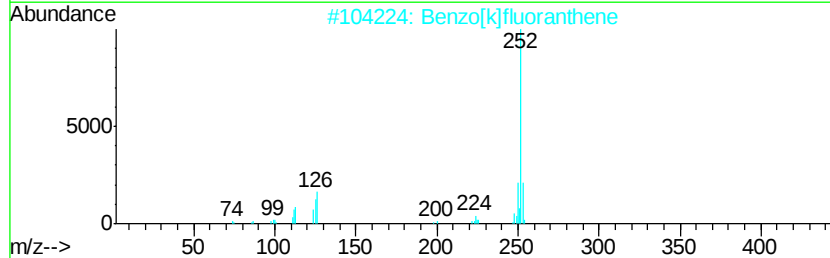
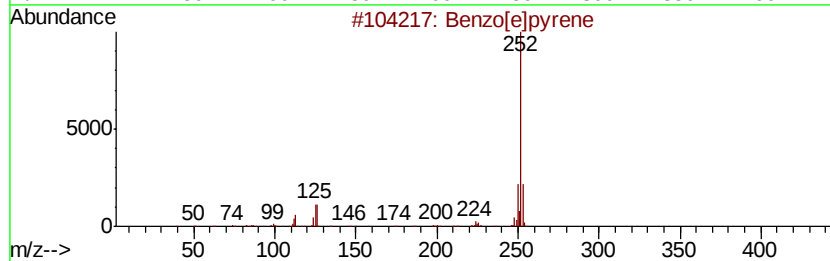
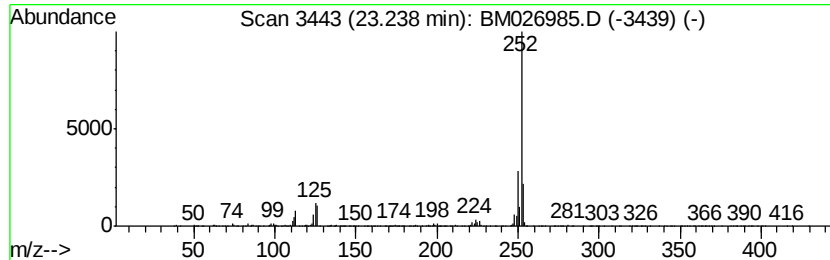
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	12.70 ng/ul	748978	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[el]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026985.D
Acq On : 03 Aug 2020 19:13
Operator : JU/CG
Sample : L3424-04DL 25X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S79DL

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
Cyclopenta[cd]pyrene	20.94	2.5	ng/ul	276598	5	21.22	2223090	20.0
Chrysin	22.63	3.5	ng/ul	203677	6	23.43	1179470	20.0
Benzo[e]pyrene	22.94	3.8	ng/ul	225688	6	23.43	1179470	20.0
unknown-01	23.24	12.7	ng/ul	748978	6	23.43	1179470	20.0