

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026983.D
 Acq On : 03 Aug 2020 17:59
 Operator : JU/CG
 Sample : L3424-13DL 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S88DL

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	165	rVB2	7010	8237	0.30%	0.033%
2	6.840	647	655	662	rVB3	16453	26316	0.96%	0.104%
3	7.004	678	683	691	rVB	11056	17698	0.65%	0.070%
4	7.204	710	717	721	rBV2	13424	22527	0.82%	0.089%
5	7.328	733	738	742	rBV6	2989	5310	0.19%	0.021%
6	7.663	788	795	802	rVB	431837	652476	23.87%	2.588%
7	8.198	879	886	892	rBV3	12945	24743	0.91%	0.098%
8	8.363	909	914	919	rVB2	18752	26386	0.97%	0.105%
9	8.804	984	989	994	rVB	13575	20061	0.73%	0.080%
10	9.522	1106	1111	1115	rBV3	10169	16161	0.59%	0.064%
11	10.057	1197	1202	1208	rVB2	17337	26728	0.98%	0.106%
12	10.434	1258	1266	1272	rBV	556748	904256	33.08%	3.587%
13	10.486	1272	1275	1282	rVB	23211	33915	1.24%	0.135%
14	10.569	1285	1289	1292	rBV4	4879	5821	0.21%	0.023%
15	12.098	1544	1549	1557	rVB	16475	24856	0.91%	0.099%
16	12.204	1560	1567	1571	rBV5	2879	5565	0.20%	0.022%
17	12.322	1583	1587	1593	rVB2	7290	11579	0.42%	0.046%
18	13.127	1720	1724	1730	rBV4	5566	9627	0.35%	0.038%
19	13.457	1777	1780	1783	rBV4	3651	5926	0.22%	0.024%
20	13.616	1801	1807	1812	rVB4	7283	11808	0.43%	0.047%
21	13.674	1812	1817	1818	rBV4	6285	7767	0.28%	0.031%
22	13.710	1818	1823	1827	rVV	28693	44862	1.64%	0.178%
23	13.751	1827	1830	1835	rVV	13530	20110	0.74%	0.080%
24	13.851	1844	1847	1851	rVV3	5361	6560	0.24%	0.026%
25	13.986	1863	1870	1871	rBV2	33448	50831	1.86%	0.202%
26	14.010	1871	1874	1885	rVB	104438	165868	6.07%	0.658%
27	14.227	1906	1911	1914	rBV3	4797	5678	0.21%	0.023%
28	14.292	1916	1922	1929	rBV	782826	1173568	42.93%	4.655%
29	14.357	1929	1933	1937	rVB	16560	24454	0.89%	0.097%
30	14.480	1949	1954	1960	rBV6	10964	19742	0.72%	0.078%
31	14.574	1966	1970	1975	rBV7	4844	8008	0.29%	0.032%
32	14.692	1984	1990	1996	rBV2	39336	59803	2.19%	0.237%
33	15.092	2054	2058	2061	rBV4	4021	5932	0.22%	0.024%
34	15.180	2066	2073	2076	rBV3	6925	14069	0.51%	0.056%

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35	15.286	2085	2091	2096	rBV3	44913	67182	2.46%	0.266%
36	15.339	2096	2100	2107	rVV2	18968	34521	1.26%	0.137%
37	15.404	2107	2111	2114	rVB6	7474	10665	0.39%	0.042%
38	15.557	2131	2137	2139	rBV7	5695	10759	0.39%	0.043%
39	15.645	2146	2152	2155	rBV4	9995	15649	0.57%	0.062%
40	15.674	2155	2157	2163	rVB3	6020	8874	0.32%	0.035%
41	15.763	2167	2172	2173	rBV3	4623	6140	0.22%	0.024%
42	15.786	2173	2176	2177	rBV2	7169	7558	0.28%	0.030%
43	15.863	2185	2189	2193	rBV6	3257	5465	0.20%	0.022%
44	16.010	2209	2214	2218	rBV5	22023	40385	1.48%	0.160%
45	16.063	2221	2223	2229	rVB3	10145	14136	0.52%	0.056%
46	16.163	2236	2240	2242	rBV4	4802	6159	0.23%	0.024%
47	16.357	2270	2273	2276	rVV5	7097	8816	0.32%	0.035%
48	16.404	2276	2281	2282	rVV4	4716	5944	0.22%	0.024%
49	16.498	2293	2297	2300	rVB6	5393	9098	0.33%	0.036%
50	16.592	2307	2313	2314	rBV6	6057	11227	0.41%	0.045%
51	16.615	2314	2317	2321	rVB3	16997	23294	0.85%	0.092%
52	16.692	2325	2330	2339	rVB2	35291	62326	2.28%	0.247%
53	16.780	2339	2345	2349	rBV7	11887	27379	1.00%	0.109%
54	16.833	2350	2354	2356	rBV5	6508	9185	0.34%	0.036%
55	16.851	2356	2357	2361	rVB2	9945	9219	0.34%	0.037%
56	17.033	2382	2388	2392	rBV	924123	1293731	47.32%	5.132%
57	17.074	2392	2395	2401	rVV	150460	203750	7.45%	0.808%
58	17.133	2401	2405	2406	rVV2	51858	61730	2.26%	0.245%
59	17.168	2406	2411	2417	rVV	252621	394631	14.43%	1.565%
60	17.227	2417	2421	2427	rVB5	20475	37286	1.36%	0.148%
61	17.433	2448	2456	2461	rBV2	51041	111961	4.10%	0.444%
62	17.562	2474	2478	2483	rBV5	27103	39822	1.46%	0.158%
63	17.910	2534	2537	2540	rBV4	18869	23484	0.86%	0.093%
64	17.951	2541	2544	2551	rVB2	60507	103342	3.78%	0.410%
65	18.039	2555	2559	2564	rVB2	43165	58779	2.15%	0.233%
66	18.104	2564	2570	2575	rBV2	65985	127755	4.67%	0.507%
67	18.298	2599	2603	2609	rVB	52120	81713	2.99%	0.324%
68	18.415	2620	2623	2625	rBV2	16959	14989	0.55%	0.059%
69	18.445	2625	2628	2635	rVB	55112	77583	2.84%	0.308%
70	18.715	2671	2674	2677	rBV3	13391	14209	0.52%	0.056%
71	18.756	2677	2681	2684	rVB	21190	30330	1.11%	0.120%

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72	18.833	2690	2694	2699	rBV3	53674	91158	3.33%	0.362%
73	18.898	2702	2705	2708	rVV4	25668	30356	1.11%	0.120%
74	18.968	2713	2717	2725	rVV	196998	281838	10.31%	1.118%
75	19.098	2733	2739	2744	rBV	1440771	1939711	70.95%	7.694%
76	19.245	2760	2764	2767	rBV2	68092	106046	3.88%	0.421%
77	19.456	2791	2800	2808	rVB	1688014	2587496	94.64%	10.264%
78	19.533	2810	2813	2818	rBV3	45419	70096	2.56%	0.278%
79	19.639	2828	2831	2836	rBV	70559	94785	3.47%	0.376%
80	19.692	2837	2840	2848	rVB2	86838	150566	5.51%	0.597%
81	19.798	2851	2858	2862	rBV3	118787	261043	9.55%	1.035%
82	19.921	2874	2879	2881	rBV3	144661	219785	8.04%	0.872%
83	20.056	2898	2902	2905	rBV2	57230	71904	2.63%	0.285%
84	20.115	2906	2912	2916	rBV2	176536	290336	10.62%	1.152%
85	20.251	2932	2935	2939	rBV	120512	169097	6.19%	0.671%
86	20.298	2940	2943	2947	rVV3	73294	116422	4.26%	0.462%
87	20.703	3008	3012	3018	rVB	217552	310208	11.35%	1.231%
88	20.868	3034	3040	3043	rBV2	148486	298865	10.93%	1.186%
89	20.909	3043	3047	3050	rVV2	140288	177994	6.51%	0.706%
90	20.945	3050	3053	3058	rVV2	232095	323288	11.82%	1.282%
91	20.998	3059	3062	3065	rVB	141436	153805	5.63%	0.610%
92	21.221	3093	3100	3104	rBV2	1318640	2689669	98.38%	10.669%
93	21.256	3104	3106	3113	rVB	874631	1078357	39.44%	4.278%
94	21.527	3149	3152	3155	rBV2	98320	140659	5.14%	0.558%
95	22.774	3358	3364	3369	rBV2	1195198	2733938	100.00%	10.845%
96	22.939	3389	3392	3398	rVB	145495	225161	8.24%	0.893%
97	23.239	3438	3443	3450	rVB	533959	921405	33.70%	3.655%
98	23.333	3454	3459	3467	rVB	457838	833888	30.50%	3.308%
99	23.427	3469	3475	3481	rBV2	678611	1262414	46.18%	5.008%
100	25.633	3845	3850	3861	rVB	386676	1042767	38.14%	4.136%

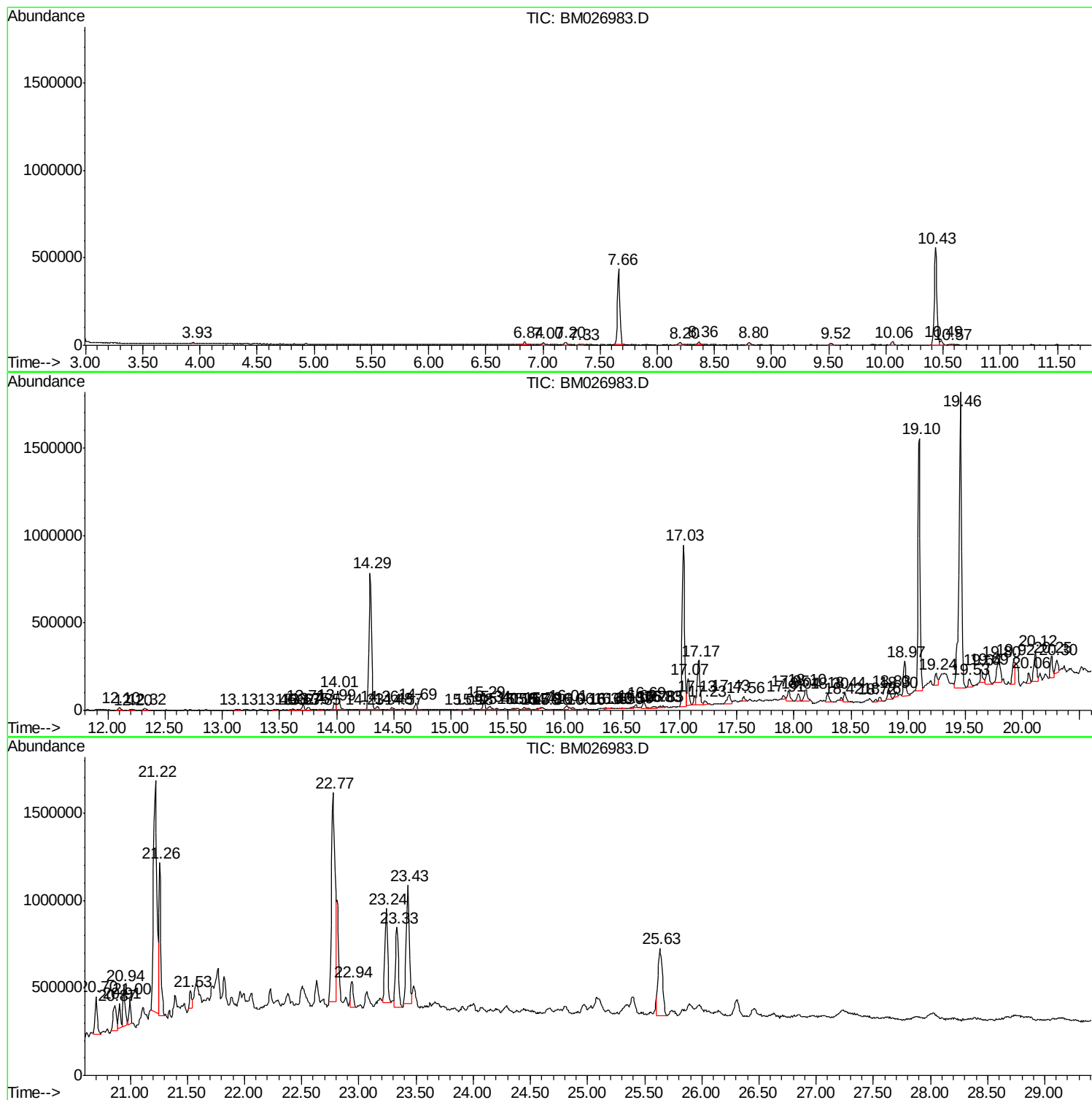
Sum of corrected areas: 25209381

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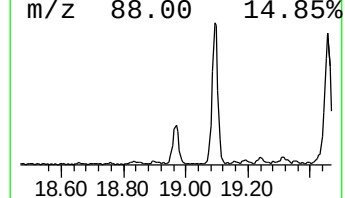
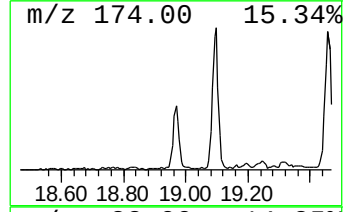
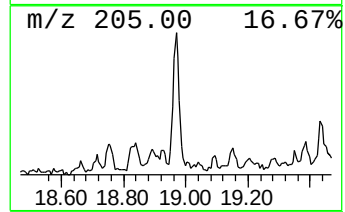
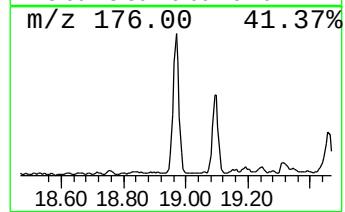
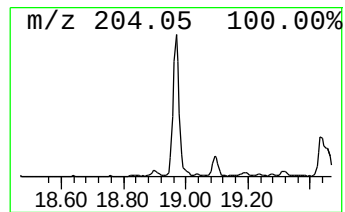
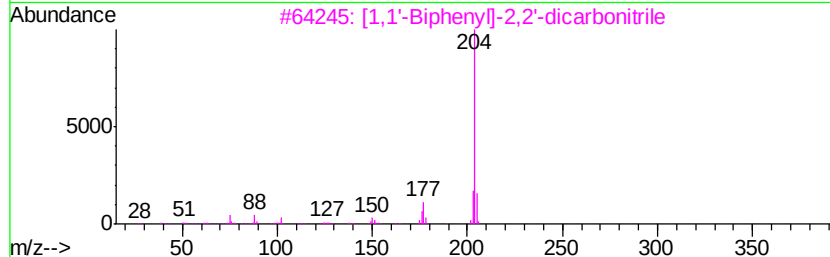
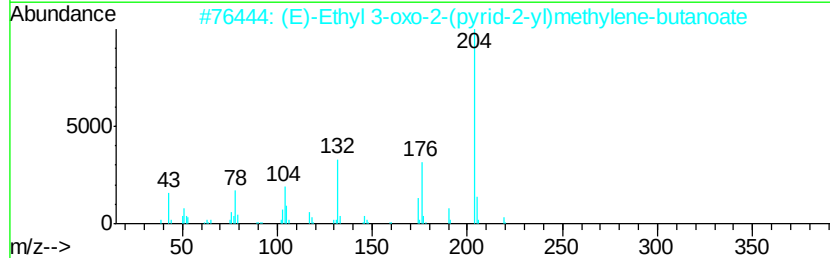
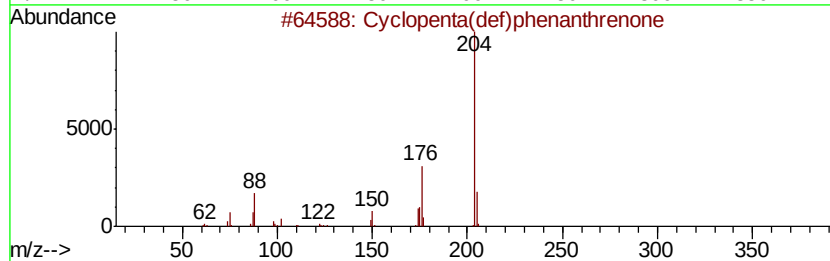
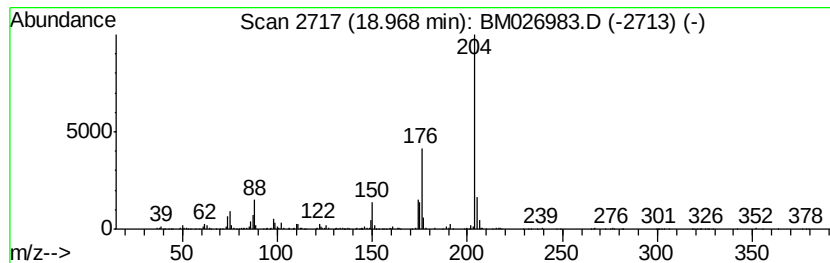
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.97	4.36 ng/ul	281838	Phenanthrene-d10		17.03		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2			(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	50
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	45
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



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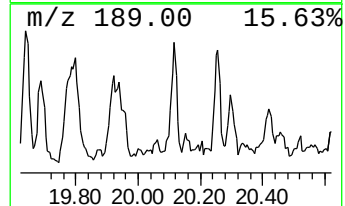
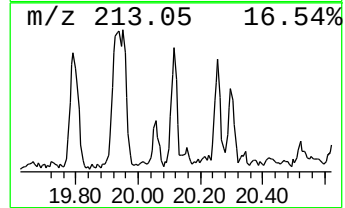
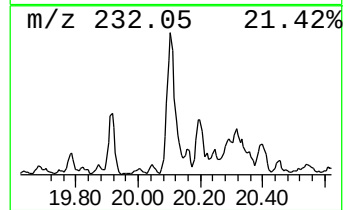
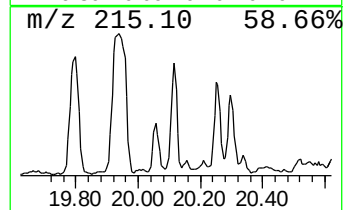
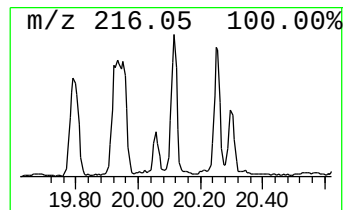
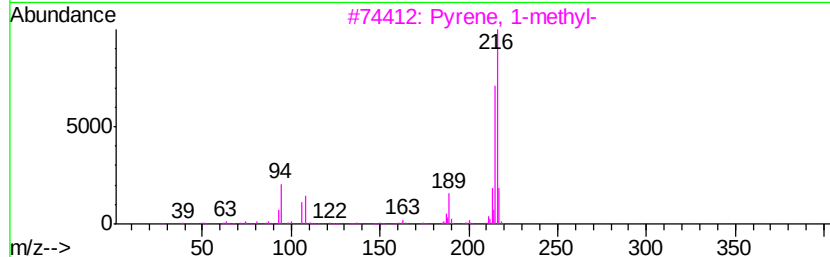
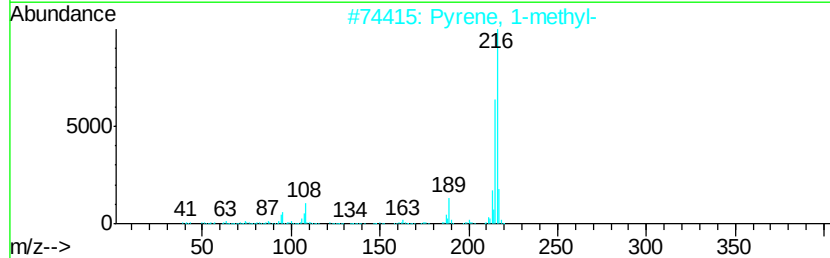
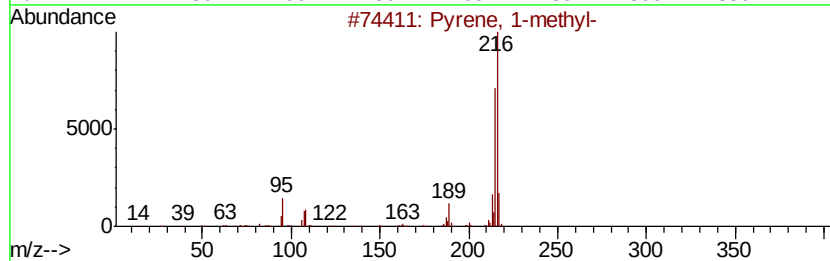
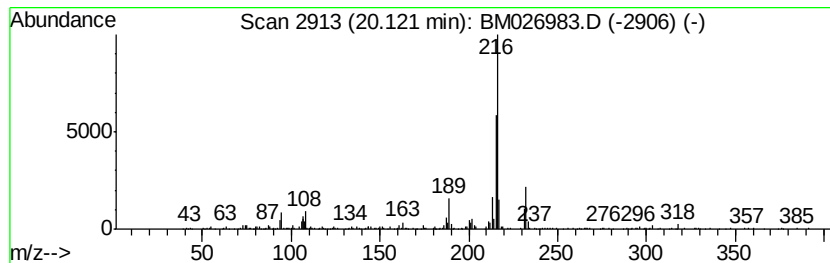
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.12	2.16 ng/ul	290336	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	91
5	Pyrene, 4-methyl-		216	C17H12	003353-12-6	91



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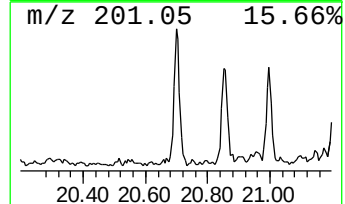
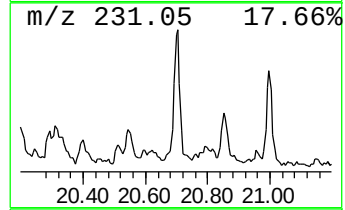
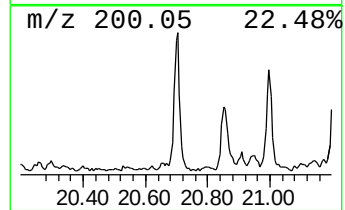
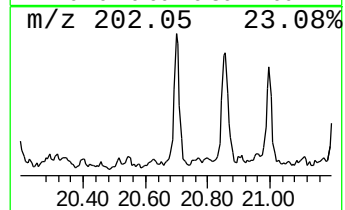
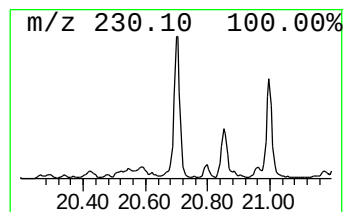
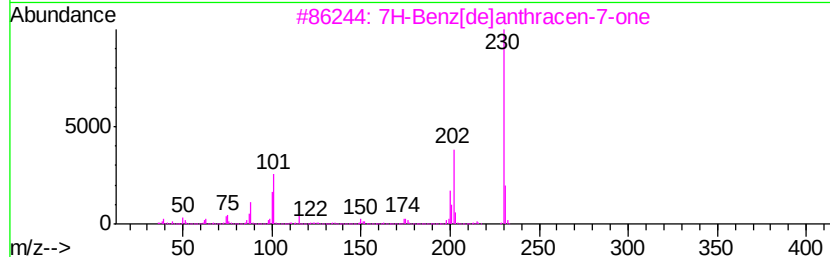
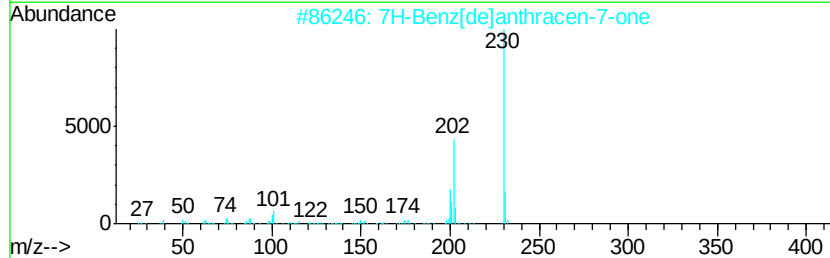
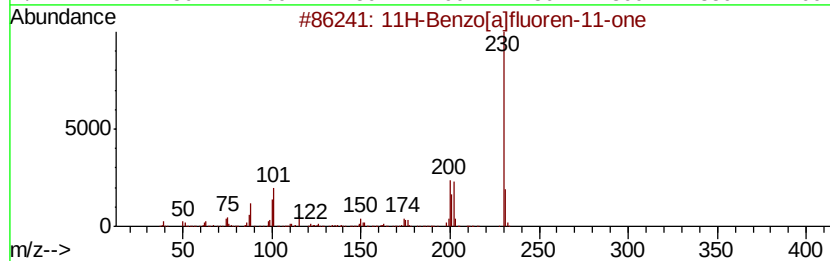
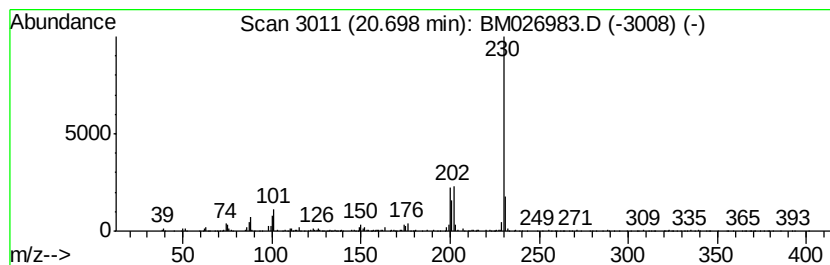
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.31 ng/ul	310208	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026983.D
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Operator : JU/CG
Sample : L3424-13DL 25X
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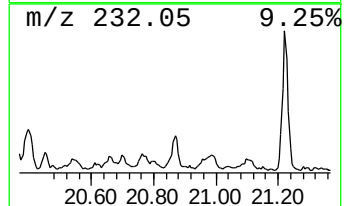
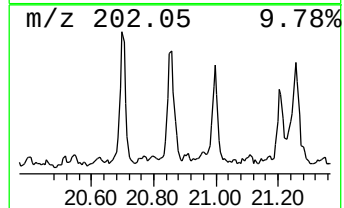
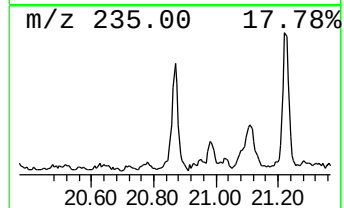
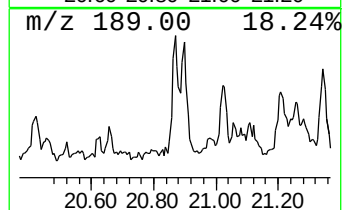
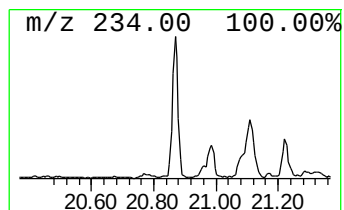
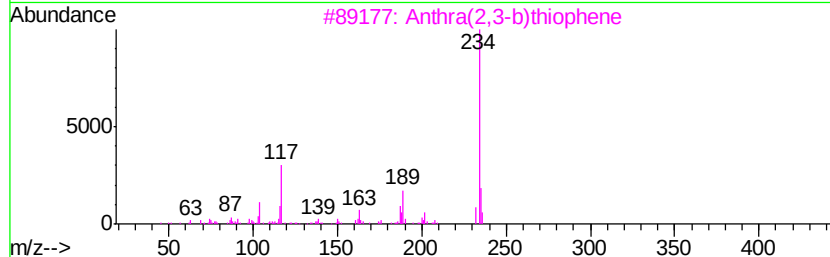
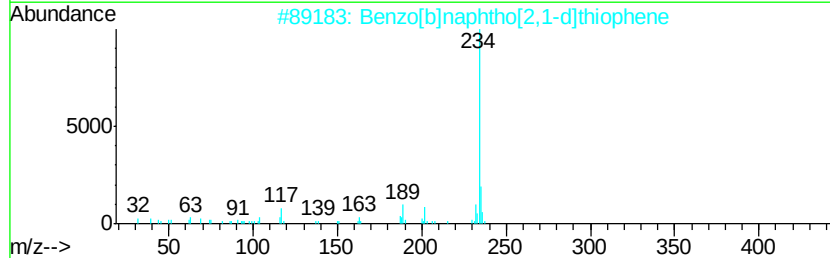
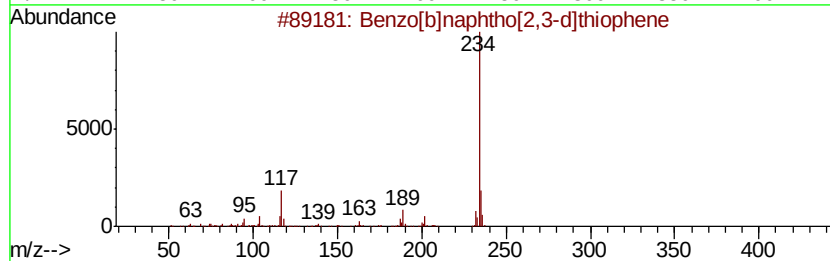
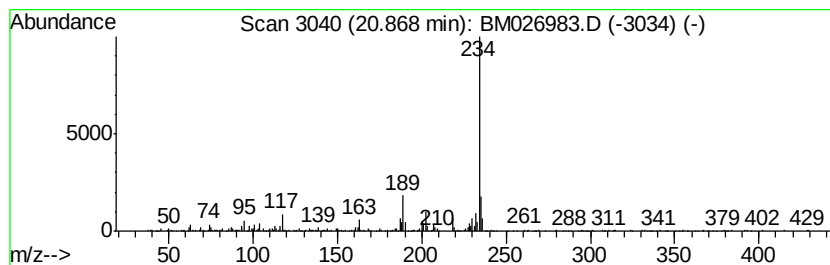
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.87	2.22 ng/ul	298865	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026983.D
Acq On : 03 Aug 2020 17:59
Operator : JU/CG
Sample : L3424-13DL 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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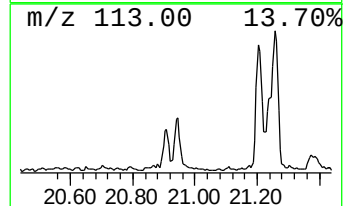
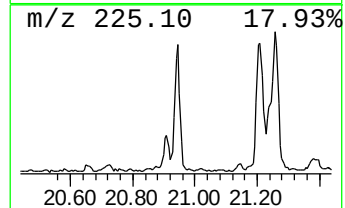
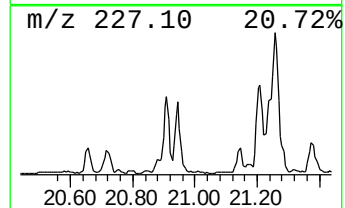
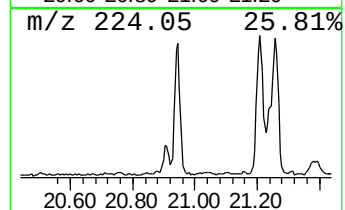
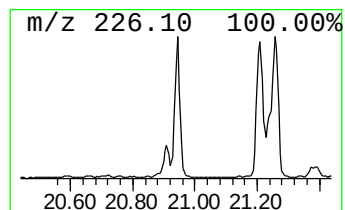
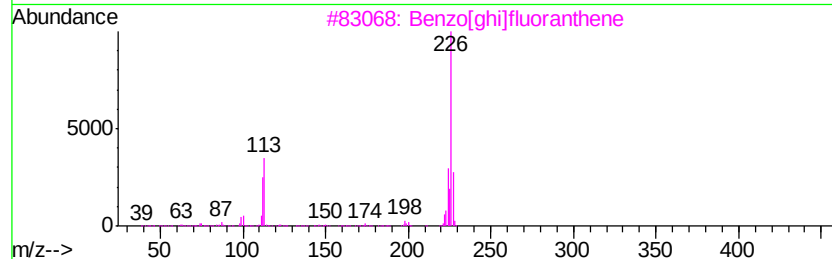
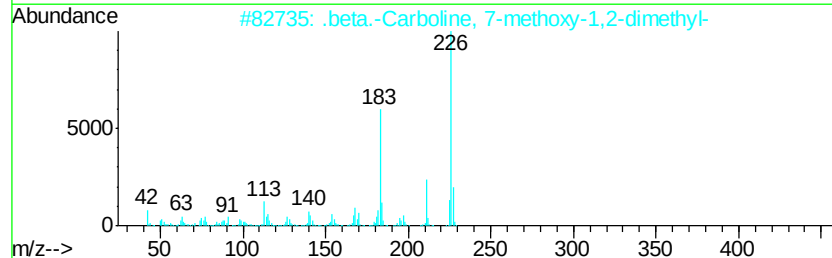
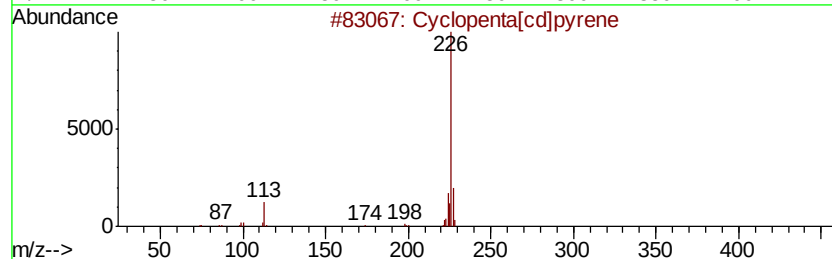
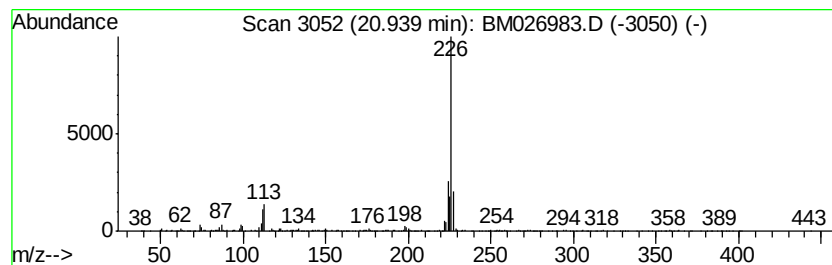
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.40 ng/ul	323288	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
4		2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	42
5		Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026983.D
Acq On : 03 Aug 2020 17:59
Operator : JU/CG
Sample : L3424-13DL 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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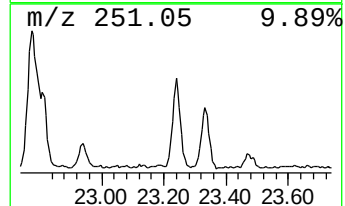
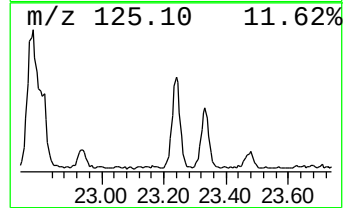
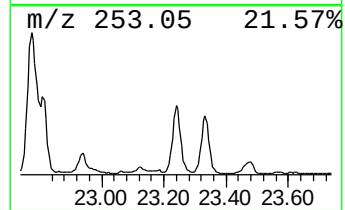
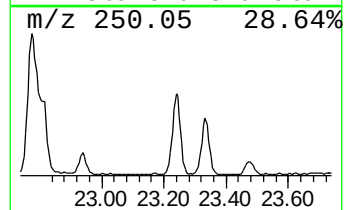
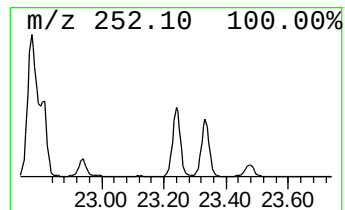
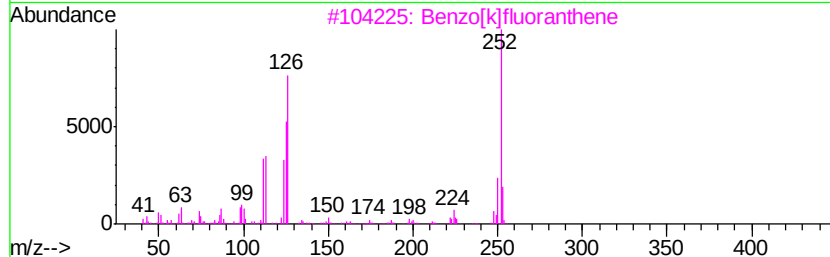
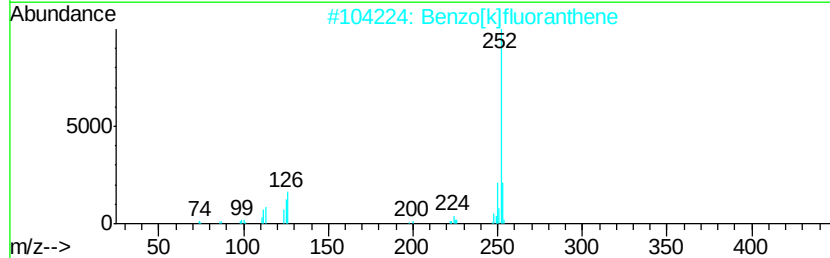
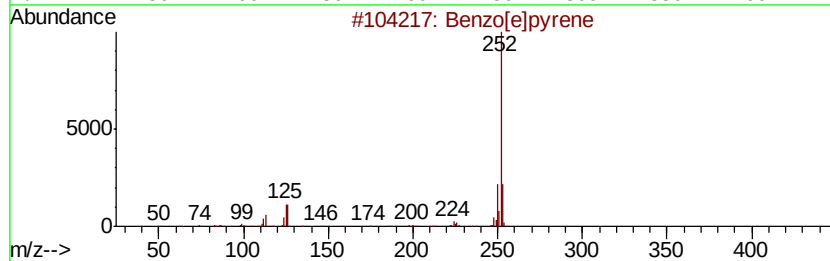
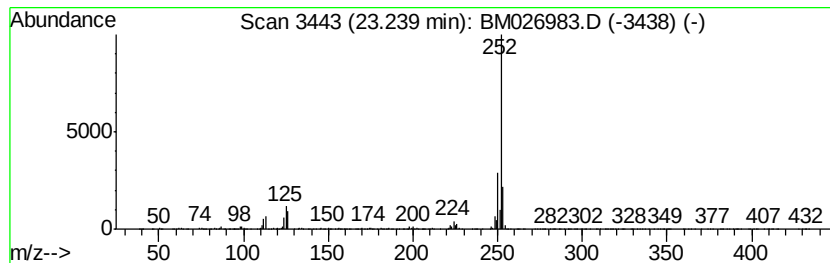
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	14.60 ng/ul	921405	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026983.D
Acq On : 03 Aug 2020 17:59
Operator : JU/CG
Sample : L3424-13DL 25X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopenta(def)ph...	18.97	4.4	ng/ul	281838	4	17.03	1293730	20.0
Pyrene, 1-methyl-	20.12	2.2	ng/ul	290336	5	21.22	2689670	20.0
11H-Benzo[a]fluor...	20.70	2.3	ng/ul	310208	5	21.22	2689670	20.0
Benzo[b]naphtho[2...	20.87	2.2	ng/ul	298865	5	21.22	2689670	20.0
Cyclopenta[cd]pyrene	20.94	2.4	ng/ul	323288	5	21.22	2689670	20.0
Benzo[e]pyrene	23.24	14.6	ng/ul	921405	6	23.43	1262410	20.0