

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043394.D
 Acq On : 18 Dec 2023 15:42
 Operator : MA/JU
 Sample : 05626-15DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLG1DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.822	105	108	120	rVV	50957	99926	0.58%	0.115%
2	4.140	158	162	166	rVB	36182	47772	0.28%	0.055%
3	7.151	667	674	687	rVB	302841	508633	2.94%	0.585%
4	7.328	697	704	712	rBV	222631	381820	2.21%	0.439%
5	7.522	730	737	745	rVB	274852	456683	2.64%	0.525%
6	7.992	808	817	830	rBV	1782933	2870168	16.62%	3.303%
7	8.363	874	880	886	rBV	60528	95894	0.56%	0.110%
8	8.534	901	909	914	rBV2	23982	49137	0.28%	0.057%
9	8.704	931	938	944	rBV	355241	577344	3.34%	0.664%
10	8.828	953	959	967	rVB2	52331	88815	0.51%	0.102%
11	9.163	1010	1016	1023	rBV	269199	444406	2.57%	0.511%
12	9.886	1132	1139	1149	rBV	211915	368990	2.14%	0.425%
13	10.222	1188	1196	1202	rBV	17932	42601	0.25%	0.049%
14	10.280	1202	1206	1211	rVB4	16088	24786	0.14%	0.029%
15	10.422	1223	1230	1239	rVB	324580	557525	3.23%	0.642%
16	10.804	1286	1295	1300	rBV	2419605	4163310	24.10%	4.791%
17	10.851	1300	1303	1311	rVB	181584	286100	1.66%	0.329%
18	10.945	1311	1319	1331	rBV	210098	404719	2.34%	0.466%
19	11.998	1490	1498	1509	rVB3	20629	50702	0.29%	0.058%
20	12.216	1527	1535	1539	rVB8	12931	29619	0.17%	0.034%
21	12.304	1546	1550	1555	rBV3	16546	33049	0.19%	0.038%
22	12.457	1570	1576	1581	rVV	61790	92904	0.54%	0.107%
23	12.674	1607	1613	1619	rVB	44095	74471	0.43%	0.086%
24	13.457	1740	1746	1751	rBV3	26791	53972	0.31%	0.062%
25	13.527	1751	1758	1768	rVV3	70860	170224	0.99%	0.196%
26	13.680	1778	1784	1789	rVB7	14196	34503	0.20%	0.040%
27	13.798	1794	1804	1812	rBV6	20849	77983	0.45%	0.090%
28	13.945	1823	1829	1835	rVV3	42233	85891	0.50%	0.099%
29	14.004	1835	1839	1840	rVV2	25170	34091	0.20%	0.039%
30	14.039	1840	1845	1851	rVV	511616	736613	4.26%	0.848%
31	14.110	1853	1857	1862	rVV5	19512	39907	0.23%	0.046%
32	14.180	1862	1869	1872	rVV5	26675	54960	0.32%	0.063%
33	14.315	1886	1892	1904	rBV2	571629	1040273	6.02%	1.197%
34	14.521	1924	1927	1933	rVB2	17835	26823	0.16%	0.031%
35	14.621	1933	1944	1951	rBV	3095920	4672052	27.05%	5.376%
36	14.686	1951	1955	1963	rVB2	186807	277863	1.61%	0.320%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Title : SVOA CALIBRATION

37	14.821	1972	1978	1989	rBV	162796	298887	1.73%	0.344%
38	15.021	2007	2012	2019	rVV	113795	182081	1.05%	0.210%
39	15.151	2030	2034	2042	rVB10	11650	24040	0.14%	0.028%
40	15.239	2044	2049	2054	rBV3	14273	25516	0.15%	0.029%
41	15.404	2072	2077	2082	rBV9	15835	33521	0.19%	0.039%
42	15.468	2085	2088	2095	rVB2	17259	26439	0.15%	0.030%
43	15.615	2106	2113	2118	rBV	701539	1020639	5.91%	1.174%
44	15.668	2118	2122	2128	rVV	206602	301774	1.75%	0.347%
45	15.733	2128	2133	2140	rVV2	157965	229157	1.33%	0.264%
46	15.798	2140	2144	2146	rVV4	17352	24673	0.14%	0.028%
47	15.827	2146	2149	2153	rVB3	22992	29371	0.17%	0.034%
48	15.874	2153	2157	2162	rBV6	22085	31824	0.18%	0.037%
49	15.962	2168	2172	2178	rVB	41400	62247	0.36%	0.072%
50	16.109	2193	2197	2204	rVB	39615	80123	0.46%	0.092%
51	16.351	2229	2238	2243	rBV4	100918	260136	1.51%	0.299%
52	16.580	2273	2277	2282	rVB2	21744	36395	0.21%	0.042%
53	16.674	2286	2293	2298	rVV5	42776	94551	0.55%	0.109%
54	16.721	2298	2301	2305	rVB4	18182	30286	0.18%	0.035%
55	16.821	2315	2318	2324	rVB5	23518	32662	0.19%	0.038%
56	16.898	2328	2331	2334	rVV3	26807	43667	0.25%	0.050%
57	16.939	2336	2338	2342	rVV2	38793	46210	0.27%	0.053%
58	17.015	2346	2351	2358	rVV4	55710	102331	0.59%	0.118%
59	17.098	2362	2365	2366	rVV	29675	37094	0.21%	0.043%
60	17.127	2367	2370	2375	rVV3	63803	108777	0.63%	0.125%
61	17.180	2375	2379	2388	rVB2	101848	184948	1.07%	0.213%
62	17.368	2404	2411	2415	rBV	3155401	4577234	26.50%	5.267%
63	17.409	2415	2418	2423	rVV	1062161	1374312	7.96%	1.581%
64	17.462	2423	2427	2431	rVV	676260	1058988	6.13%	1.219%
65	17.498	2431	2433	2438	rVV	445865	531466	3.08%	0.612%
66	17.556	2438	2443	2454	rVB2	115043	289700	1.68%	0.333%
67	17.774	2475	2480	2492	rVB	215824	366349	2.12%	0.422%
68	17.868	2492	2496	2503	rBV2	63639	125935	0.73%	0.145%
69	18.245	2555	2560	2565	rBV2	145969	331416	1.92%	0.381%
70	18.292	2565	2568	2575	rVB	216217	308222	1.78%	0.355%
71	18.368	2578	2581	2586	rBV	64129	87695	0.51%	0.101%
72	18.439	2587	2593	2597	rBV3	497252	821631	4.76%	0.945%
73	18.562	2610	2614	2617	rBV3	72274	93730	0.54%	0.108%
74	18.745	2641	2645	2648	rBV	146728	176899	1.02%	0.204%
75	18.786	2648	2652	2658	rVV3	82169	105667	0.61%	0.122%
76	18.986	2683	2686	2689	rVB2	135208	137643	0.80%	0.158%

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77	19.156	2712	2715	2719	rVB2	93163	113728	0.66%	0.131%
78	19.421	2754	2760	2765	rBV	3724048	4970174	28.77%	5.719%
79	19.474	2765	2769	2774	rVB	1449242	1844077	10.68%	2.122%
80	19.750	2811	2816	2818	rBV3	1250044	1779499	10.30%	2.048%
81	19.780	2818	2821	2829	rVV	3283540	4340976	25.13%	4.995%
82	19.850	2830	2833	2839	rVB2	161083	237254	1.37%	0.273%
83	19.956	2849	2851	2858	rVB2	144770	208865	1.21%	0.240%
84	20.103	2872	2876	2883	rBV3	211255	426093	2.47%	0.490%
85	20.274	2902	2905	2909	rVB3	561274	718669	4.16%	0.827%
86	20.374	2918	2922	2926	rBV	597482	732570	4.24%	0.843%
87	20.433	2926	2932	2936	rVB2	300096	605584	3.51%	0.697%
88	20.574	2953	2956	2959	rBV	155070	174183	1.01%	0.200%
89	21.021	3029	3032	3039	rBV	236292	403872	2.34%	0.465%
90	21.186	3058	3060	3064	rVB	254479	279388	1.62%	0.321%
91	21.227	3064	3067	3070	rBV	320642	376280	2.18%	0.433%
92	21.262	3070	3073	3078	rVB2	419731	565776	3.28%	0.651%
93	21.456	3095	3106	3116	rBV4	4293191	17272815	100.00%	19.875%
94	21.544	3116	3121	3125	rVV2	3432619	6824010	39.51%	7.852%
95	21.580	3125	3127	3138	rVB	1752259	2207073	12.78%	2.540%
96	23.233	3402	3408	3414	rBV	1503927	3842144	22.24%	4.421%
97	23.756	3492	3497	3502	rBV	717890	1307361	7.57%	1.504%
98	23.809	3503	3506	3510	rVV2	348119	544436	3.15%	0.626%
99	23.862	3511	3515	3521	rVB	418113	711073	4.12%	0.818%
100	23.968	3527	3533	3540	rVB	1857516	3632257	21.03%	4.179%

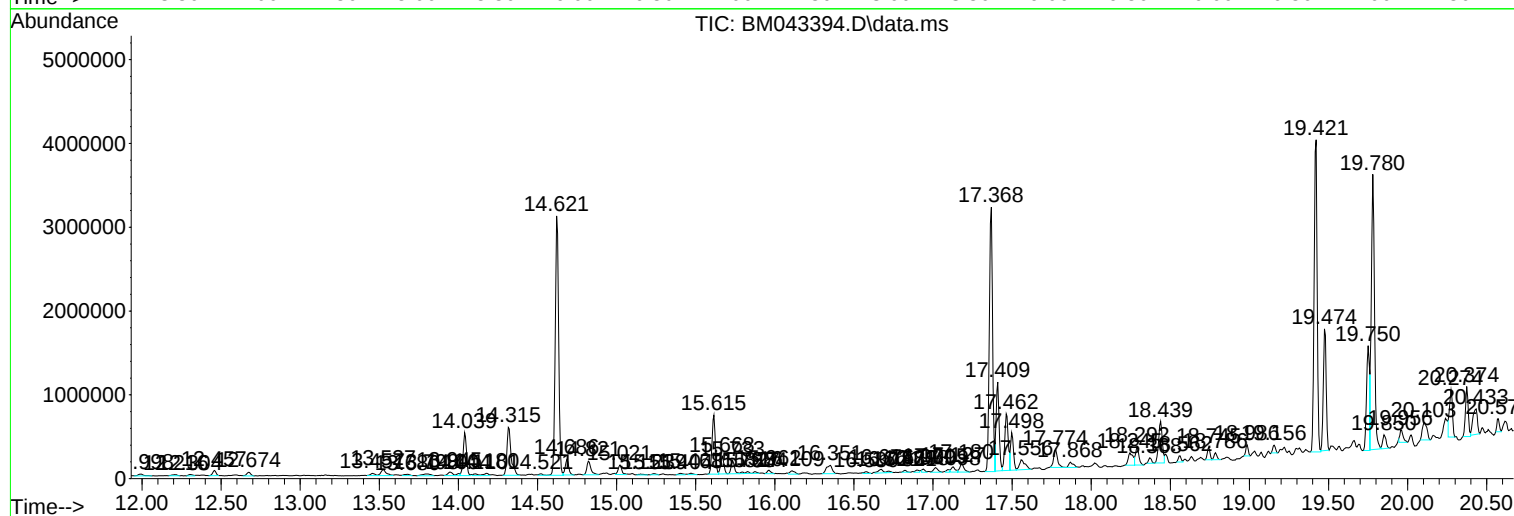
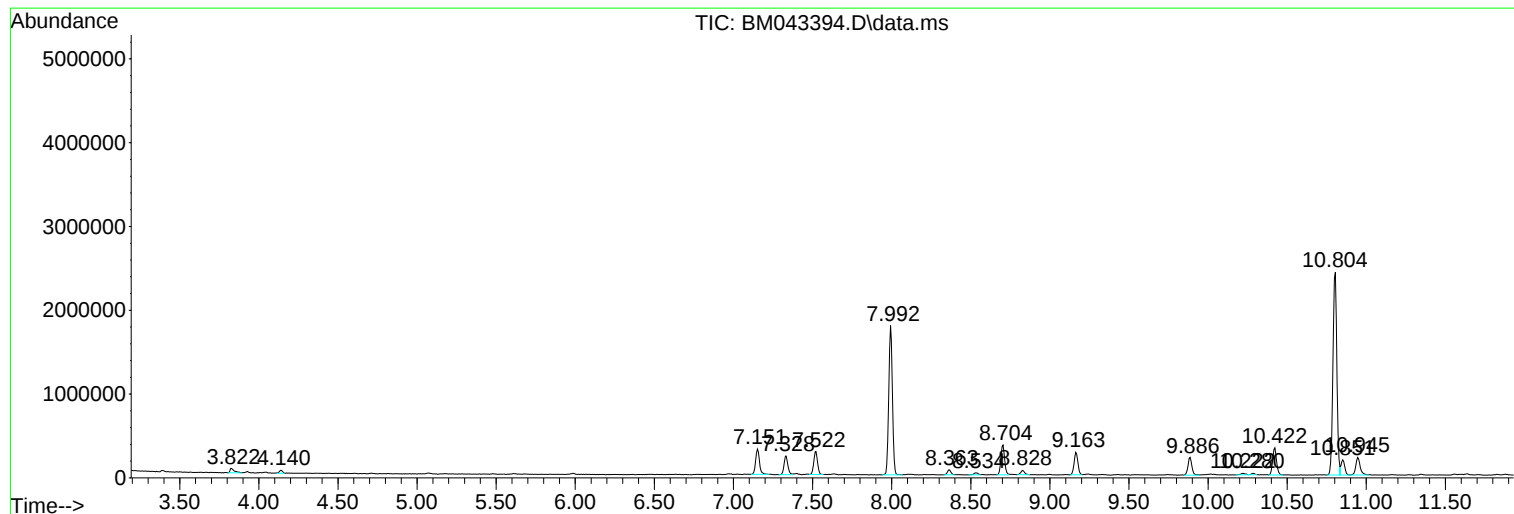
Sum of corrected areas: 86906922

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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DCLG1DL

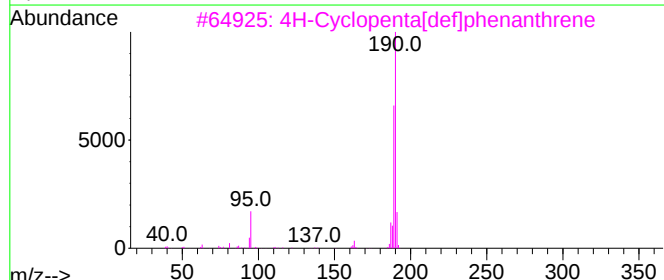
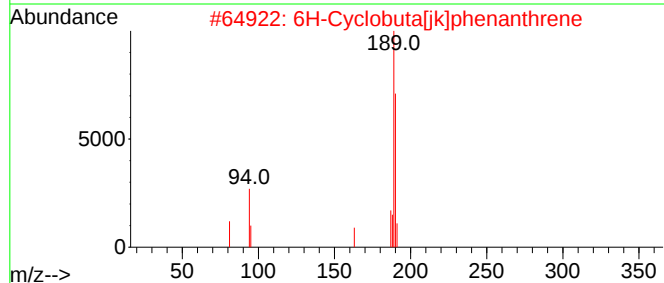
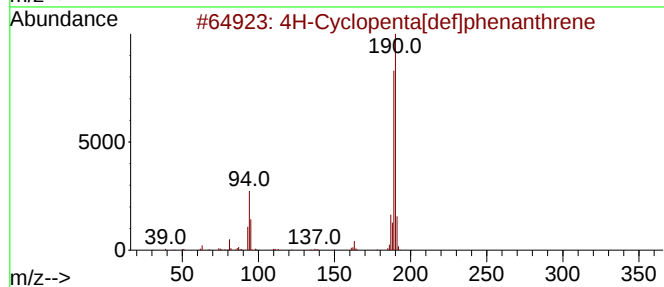
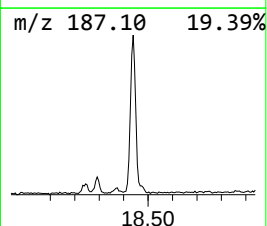
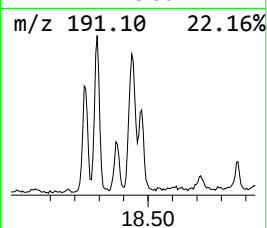
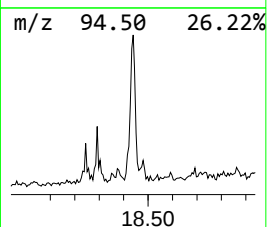
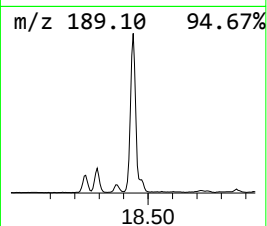
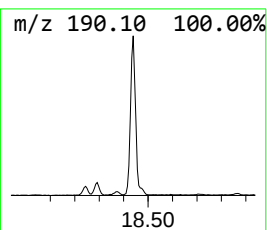
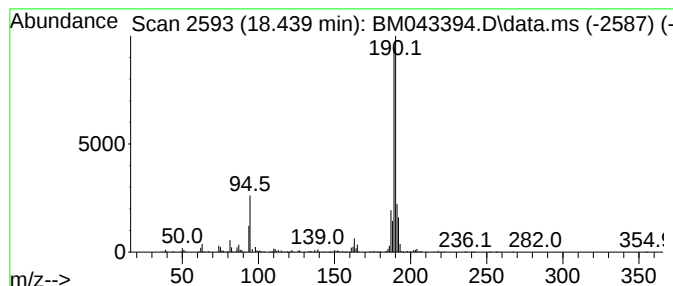
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	3.59 ng/ul	821631	Phenanthrene-d10	17.368

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



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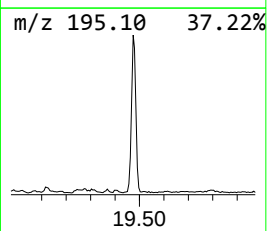
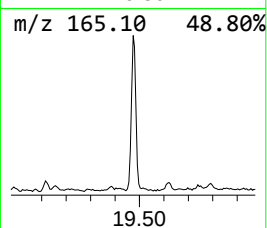
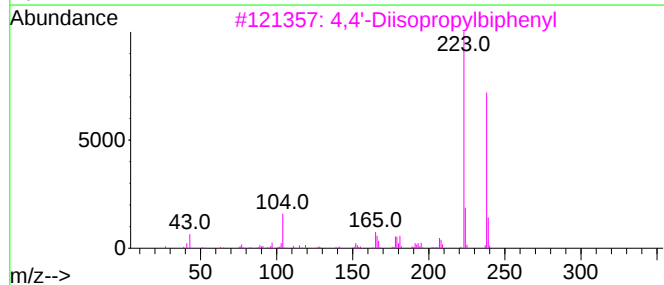
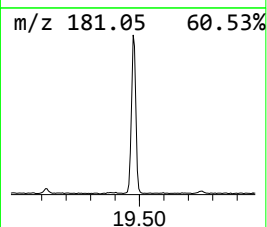
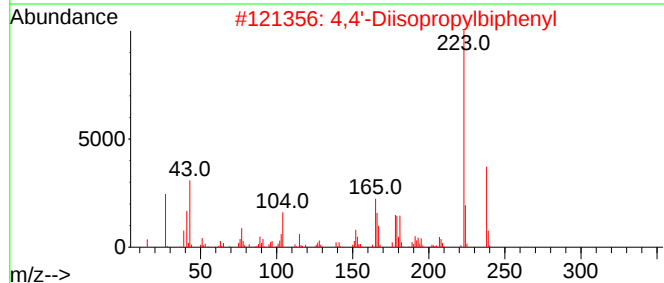
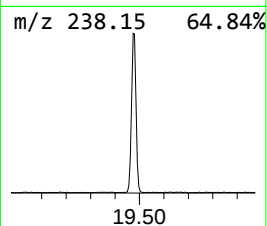
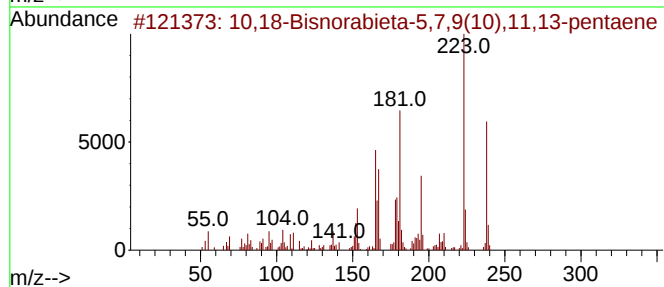
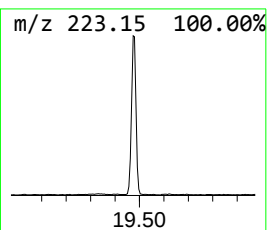
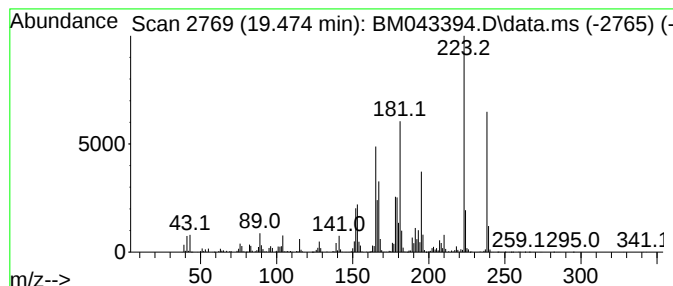
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	5.40 ng/ul	1844080	Chrysene-d12	21.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99		
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55		
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50		
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	46		
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	46		



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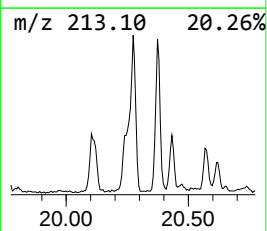
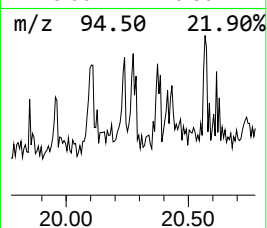
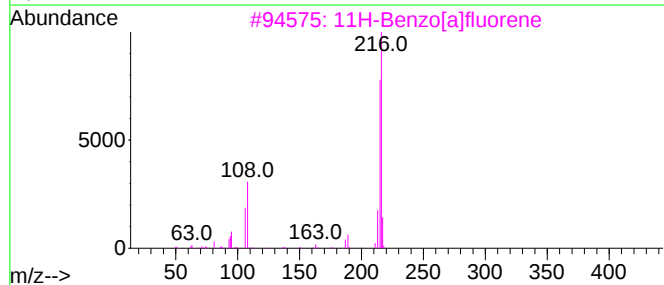
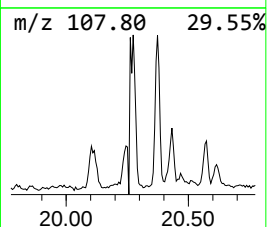
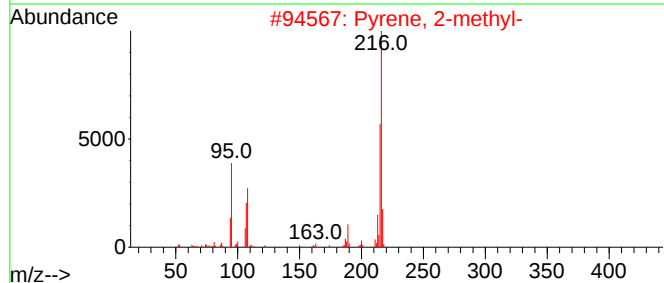
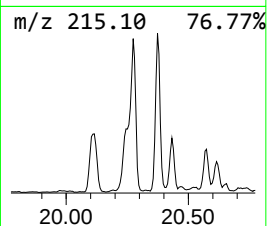
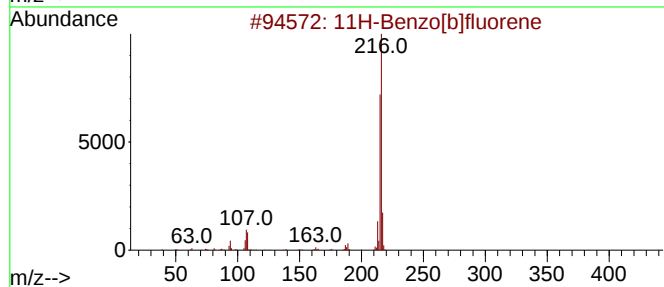
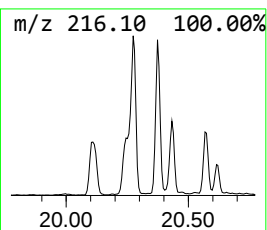
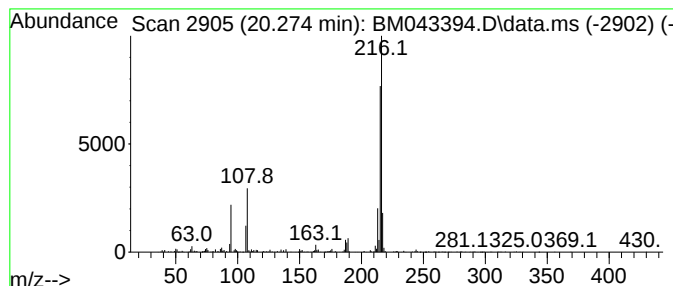
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.274	2.11 ng/ul	718669	Chrysene-d12	21.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043394.D
Acq On : 18 Dec 2023 15:42
Operator : MA/JU
Sample : 05626-15DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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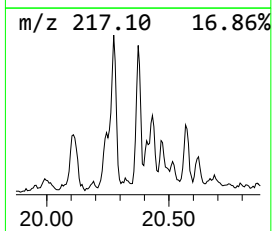
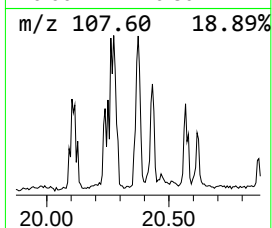
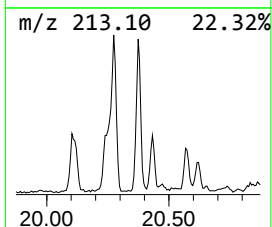
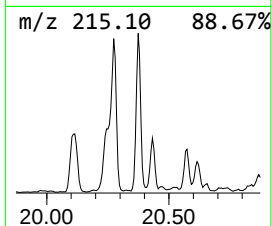
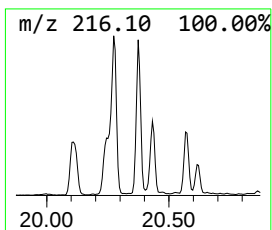
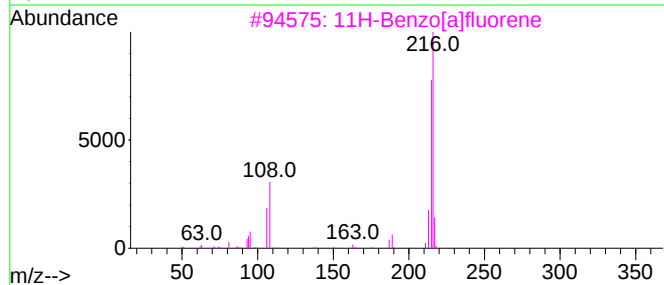
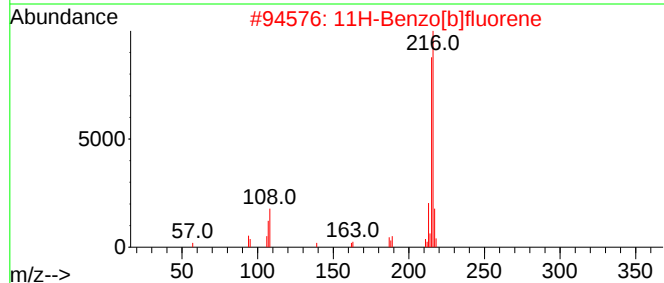
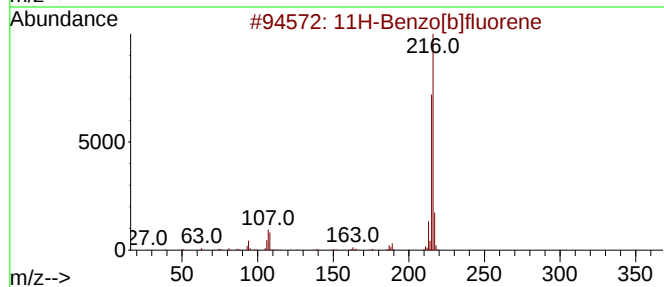
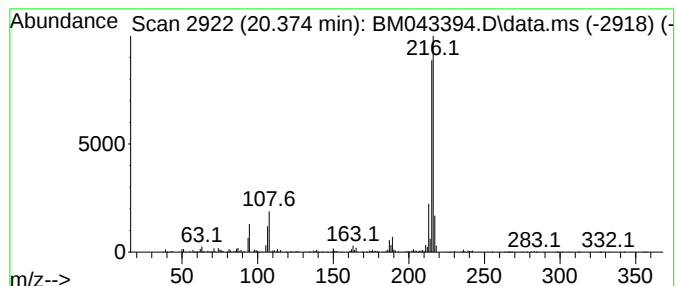
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.374	2.15 ng/ul	732570	Chrysene-d12	21.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043394.D
Acq On : 18 Dec 2023 15:42
Operator : MA/JU
Sample : 05626-15DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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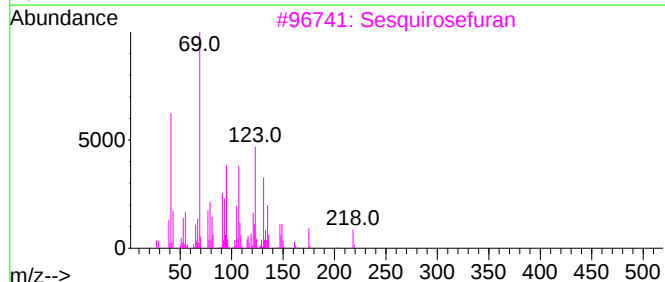
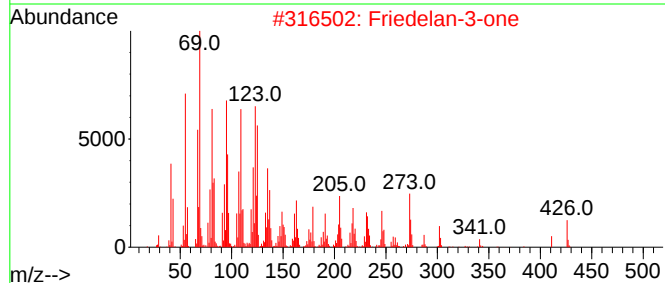
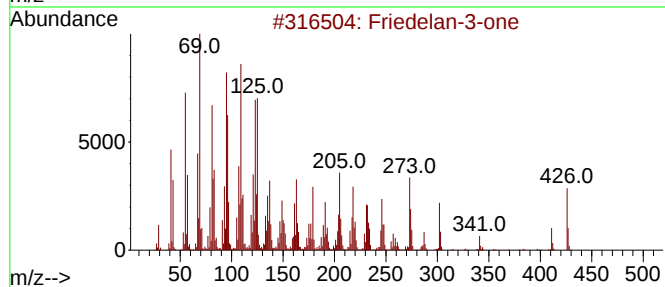
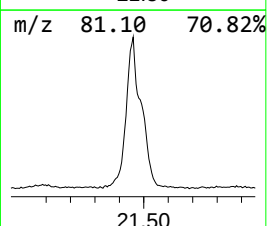
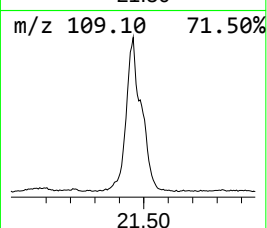
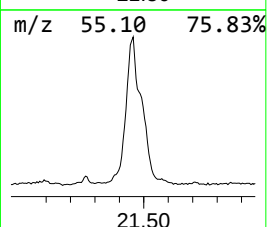
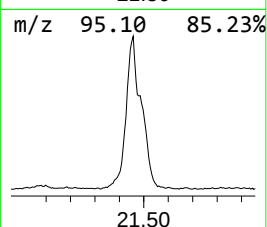
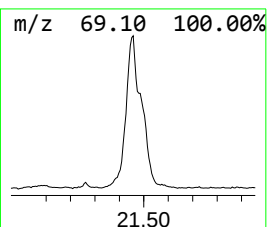
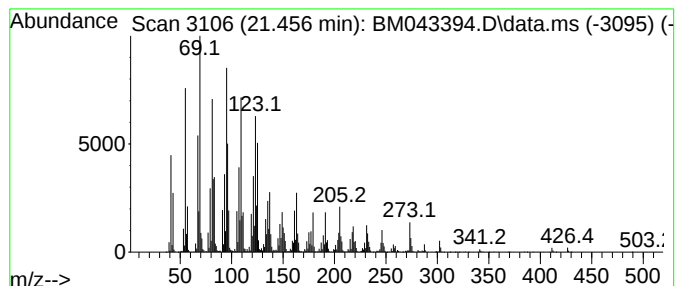
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sesquirosefuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.456	50.62 ng/ul	17272800	Chrysene-d12	21.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Friedelan-3-one	426	C30H50O	000559-74-0	96
2			Friedelan-3-one	426	C30H50O	000559-74-0	87
3			Sesquirosefuran	218	C15H22O	039007-93-7	84
4			Friedelan-3-one	426	C30H50O	000559-74-0	81
5			Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043394.D
Acq On : 18 Dec 2023 15:42
Operator : MA/JU
Sample : 05626-15DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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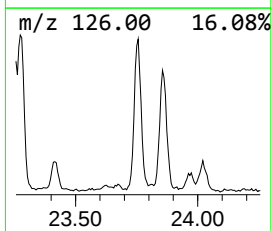
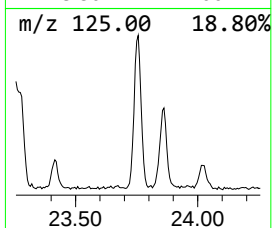
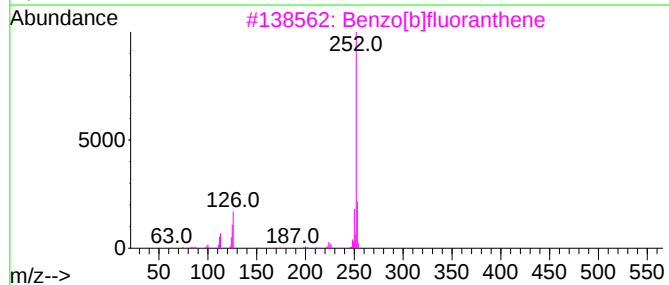
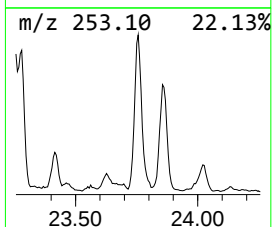
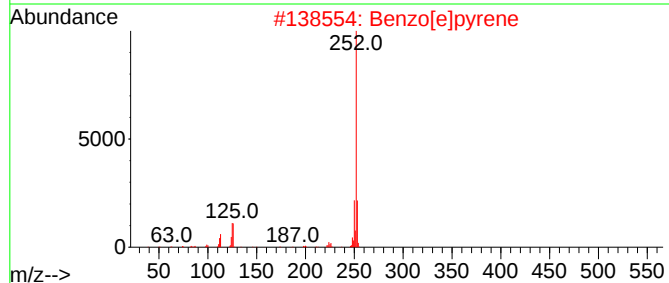
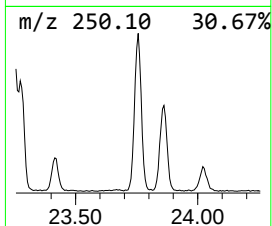
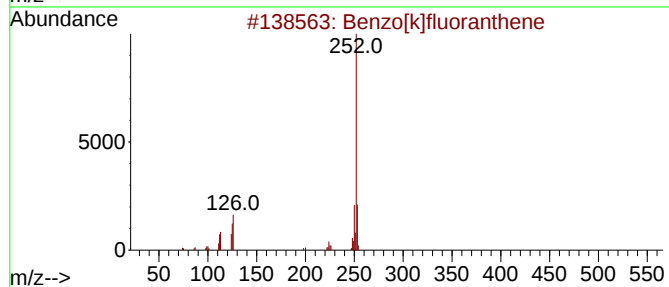
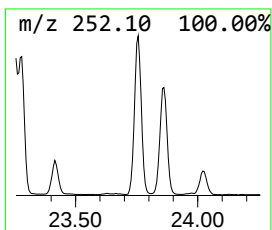
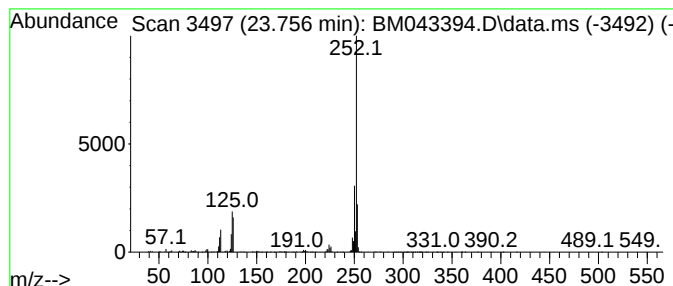
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.756	7.20 ng/ul	1307360	Perylene-d12	23.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	95
5			Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043394.D
Acq On : 18 Dec 2023 15:42
Operator : MA/JU
Sample : 05626-15DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLG1DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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10,18-Bisnorabi...	19.474	5.4	ng/u1	1844080	5	21.544	6824010	20.0
11H-Benzo[b]flu...	20.274	2.1	ng/u1	718669	5	21.544	6824010	20.0
11H-Benzo[a]flu...	20.374	2.1	ng/u1	732570	5	21.544	6824010	20.0
Sesquirosefuran	21.456	50.6	ng/u1	17272800	5	21.544	6824010	20.0
Benzo[e]pyrene	23.756	7.2	ng/u1	1307360	6	23.968	3632260	20.0