

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043336.D
 Acq On : 14 Dec 2023 12:38
 Operator : MA/JU
 Sample : 05690-08DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH7DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: 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\SFAM-EPA-BM120723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043336.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	33	36	44	rVB2	23005	31927	0.56%	0.043%
2	3.822	105	108	122	rBV	173923	337661	5.93%	0.459%
3	3.934	123	127	133	rVB	52625	78844	1.39%	0.107%
4	4.716	257	260	268	rVB8	14714	28565	0.50%	0.039%
5	5.081	318	322	329	rVB4	12951	28867	0.51%	0.039%
6	7.157	668	675	684	rVB	442492	760555	13.37%	1.033%
7	7.334	698	705	714	rBV	345504	566060	9.95%	0.769%
8	7.481	725	730	732	rBV4	19003	29625	0.52%	0.040%
9	7.522	732	737	747	rVV	438079	715665	12.58%	0.972%
10	7.787	778	782	793	rVB	38494	72940	1.28%	0.099%
11	7.998	810	818	825	rBV	1487403	2362151	41.51%	3.209%
12	8.534	903	909	913	rBV5	12217	26621	0.47%	0.036%
13	8.704	931	938	947	rBV	537441	865815	15.22%	1.176%
14	8.828	953	959	967	rVB	112484	190227	3.34%	0.258%
15	9.169	1010	1017	1026	rBV	423435	716976	12.60%	0.974%
16	9.745	1110	1115	1124	rVB8	15726	29042	0.51%	0.039%
17	9.886	1131	1139	1145	rBV	305389	518765	9.12%	0.705%
18	10.022	1157	1162	1169	rBV4	15571	32695	0.57%	0.044%
19	10.422	1223	1230	1239	rVV	562990	933748	16.41%	1.268%
20	10.804	1284	1295	1301	rBV	2243407	3753645	65.97%	5.099%
21	10.851	1301	1303	1309	rVB	79394	119849	2.11%	0.163%
22	10.951	1309	1320	1332	rBV	324109	630760	11.08%	0.857%
23	11.357	1382	1389	1394	rBV9	15201	35301	0.62%	0.048%
24	11.551	1417	1422	1428	rBV	26312	49925	0.88%	0.068%
25	12.457	1571	1576	1581	rVB	73702	111808	1.96%	0.152%
26	12.675	1606	1613	1619	rVB	65637	110416	1.94%	0.150%
27	13.345	1721	1727	1730	rVV5	27148	47367	0.83%	0.064%
28	13.463	1741	1747	1752	rVV2	54140	101749	1.79%	0.138%
29	13.527	1752	1758	1766	rVV2	47050	112245	1.97%	0.152%
30	13.604	1766	1771	1777	rVV9	12762	32324	0.57%	0.044%
31	13.663	1777	1781	1791	rVB4	16920	42171	0.74%	0.057%
32	13.792	1797	1803	1804	rBV4	25241	39611	0.70%	0.054%
33	13.810	1804	1806	1812	rVB6	32867	43004	0.76%	0.058%
34	13.945	1824	1829	1834	rBV3	46199	84811	1.49%	0.115%
35	13.998	1835	1838	1840	rVV2	22035	29766	0.52%	0.040%
36	14.039	1840	1845	1853	rVV	968764	1361286	23.92%	1.849%

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Integrator: RTE

Smoothing : OFF

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
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37	14.104	1853	1856	1860	rVB3	22767	33322	0.59%	0.045%
38	14.316	1886	1892	1910	rVB	1048645	1732066	30.44%	2.353%
39	14.445	1910	1914	1919	rBV7	22399	38210	0.67%	0.052%
40	14.504	1919	1924	1930	rVB4	110900	186825	3.28%	0.254%
41	14.621	1934	1944	1950	rBV	3312232	4900596	86.12%	6.657%
42	14.686	1950	1955	1962	rVB	433392	637284	11.20%	0.866%
43	14.816	1971	1977	1990	rBV	318579	591959	10.40%	0.804%
44	14.933	1993	1997	2001	rVV2	27004	36892	0.65%	0.050%
45	14.980	2001	2005	2007	rVV4	21546	27716	0.49%	0.038%
46	15.021	2007	2012	2020	rVB	214196	319454	5.61%	0.434%
47	15.404	2072	2077	2080	rBV6	20716	32662	0.57%	0.044%
48	15.468	2085	2088	2094	rVB	38200	50084	0.88%	0.068%
49	15.610	2106	2112	2118	rBV	1415968	2064542	36.28%	2.805%
50	15.668	2118	2122	2127	rVV2	361009	500710	8.80%	0.680%
51	15.727	2128	2132	2138	rVV2	131216	190016	3.34%	0.258%
52	15.792	2140	2143	2146	rVV3	33501	40224	0.71%	0.055%
53	15.827	2146	2149	2153	rVV2	25097	38720	0.68%	0.053%
54	15.874	2153	2157	2161	rVB3	32998	48660	0.86%	0.066%
55	15.963	2168	2172	2180	rVB	70254	106629	1.87%	0.145%
56	16.104	2188	2196	2204	rVB	59447	150442	2.64%	0.204%
57	16.327	2229	2234	2242	rBV5	130848	319935	5.62%	0.435%
58	16.668	2289	2292	2297	rVB5	37605	49914	0.88%	0.068%
59	16.939	2335	2338	2341	rVB2	31135	38012	0.67%	0.052%
60	17.015	2347	2351	2359	rVB2	66912	108438	1.91%	0.147%
61	17.098	2361	2365	2366	rVV2	35297	46699	0.82%	0.063%
62	17.127	2366	2370	2374	rVV	95885	148369	2.61%	0.202%
63	17.180	2374	2379	2389	rVB2	176583	299064	5.26%	0.406%
64	17.362	2404	2410	2414	rBV	3870168	5370078	94.37%	7.295%
65	17.404	2414	2417	2422	rVV	1484937	2036262	35.79%	2.766%
66	17.462	2422	2427	2430	rVV	1541730	2308602	40.57%	3.136%
67	17.498	2430	2433	2438	rVV	2076174	2719300	47.79%	3.694%
68	17.557	2440	2443	2447	rVB2	79961	118638	2.08%	0.161%
69	17.768	2475	2479	2489	rVB	174215	260451	4.58%	0.354%
70	17.868	2492	2496	2498	rBV	73781	109452	1.92%	0.149%
71	17.945	2506	2509	2512	rBV3	36563	44466	0.78%	0.060%
72	18.257	2555	2562	2565	rBV2	178751	367472	6.46%	0.499%
73	18.286	2565	2567	2574	rVB	167574	218726	3.84%	0.297%
74	18.368	2578	2581	2586	rVB	75901	96794	1.70%	0.131%
75	18.433	2587	2592	2597	rBV	555253	839132	14.75%	1.140%
76	18.557	2610	2613	2616	rBV	75269	90700	1.59%	0.123%

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77	18.739	2640	2644	2647	rBV	135334	171823	3.02%	0.233%
78	18.780	2647	2651	2656	rVB2	131843	189377	3.33%	0.257%
79	18.980	2681	2685	2689	rVB	328304	395489	6.95%	0.537%
80	19.109	2704	2707	2710	rBV5	64137	83393	1.47%	0.113%
81	19.151	2711	2714	2718	rBV2	76306	96527	1.70%	0.131%
82	19.192	2718	2721	2724	rBV2	70795	107679	1.89%	0.146%
83	19.292	2733	2738	2745	rBV	311353	531133	9.33%	0.722%
84	19.415	2753	2759	2764	rBV	4266740	5529713	97.18%	7.512%
85	19.474	2764	2769	2773	rVV	842505	1092803	19.20%	1.485%
86	19.656	2797	2800	2803	rVB	137023	171002	3.01%	0.232%
87	19.745	2810	2815	2817	rBV2	2149551	2909325	51.13%	3.952%
88	19.774	2817	2820	2828	rVB	3691411	4880983	85.78%	6.631%
89	19.956	2847	2851	2855	rVB	137341	186604	3.28%	0.253%
90	20.015	2858	2861	2866	rVB	168703	234182	4.12%	0.318%
91	20.368	2918	2921	2924	rVB2	237162	261236	4.59%	0.355%
92	20.562	2952	2954	2958	rBV	108182	125200	2.20%	0.170%
93	21.015	3028	3031	3036	rVB	174956	247329	4.35%	0.336%
94	21.221	3063	3066	3068	rBV2	170020	209885	3.69%	0.285%
95	21.256	3068	3072	3077	rVB2	434092	620261	10.90%	0.843%
96	21.533	3113	3119	3123	rBV3	3555661	5690236	100.00%	7.730%
97	21.574	3123	3126	3132	rVB	882966	1174670	20.64%	1.596%
98	23.215	3400	3405	3411	rBV	643267	1618656	28.45%	2.199%
99	23.797	3499	3504	3509	rBV2	654653	1163373	20.45%	1.580%
100	23.950	3524	3530	3537	rVB	1774342	3572122	62.78%	4.853%

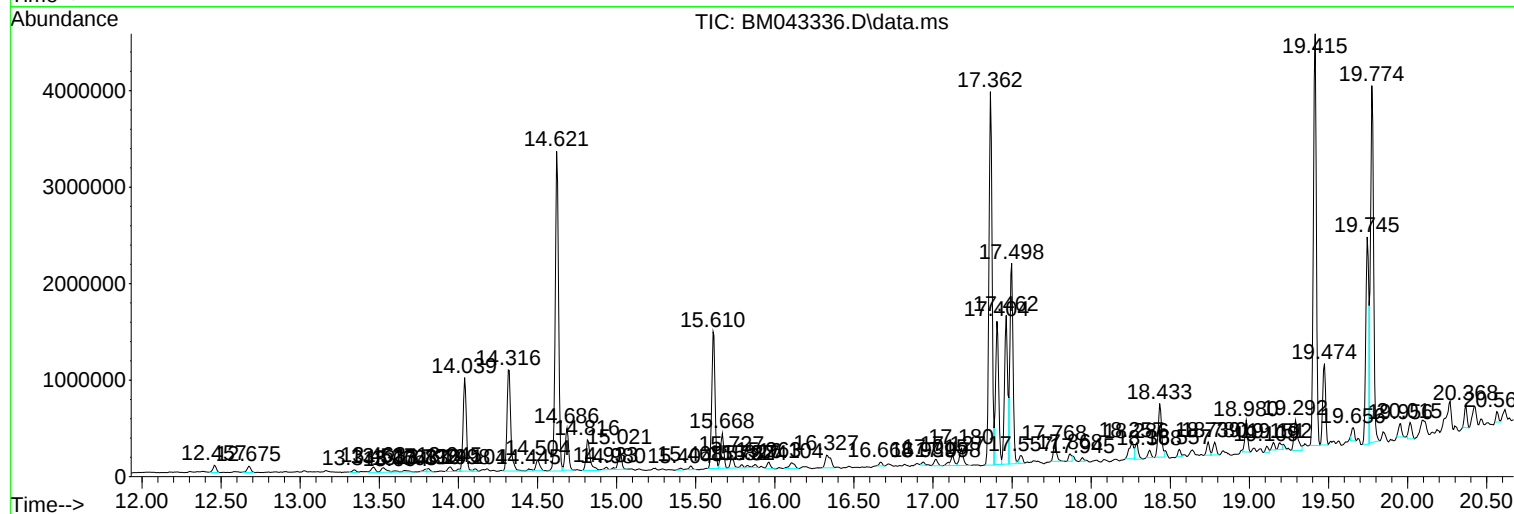
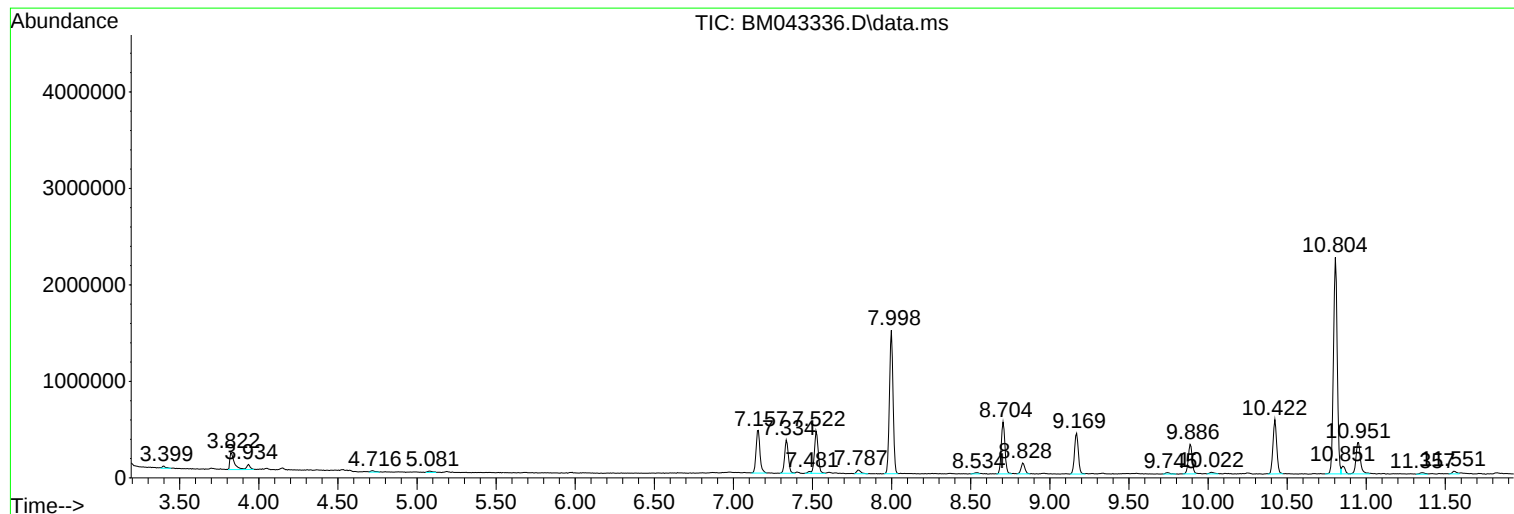
Sum of corrected areas: 73613305

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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



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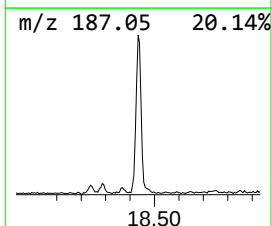
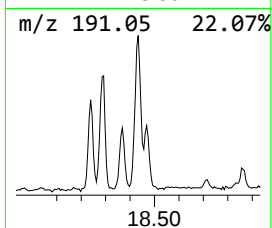
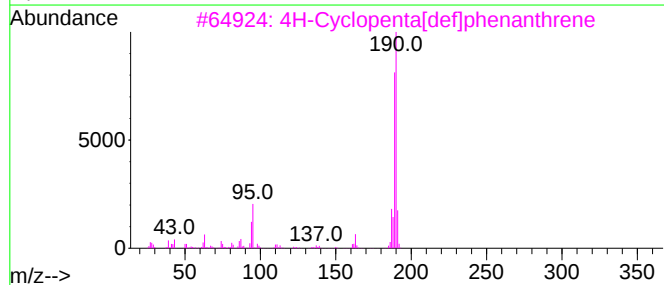
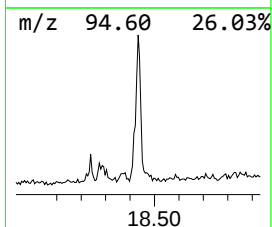
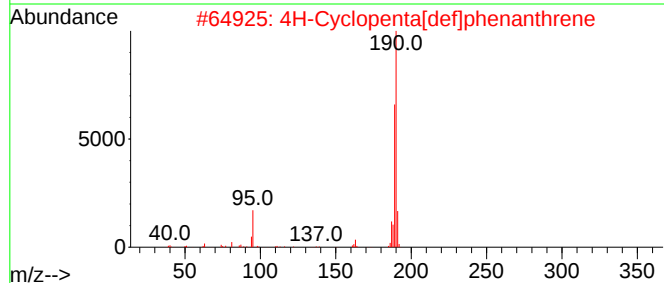
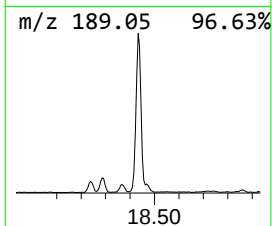
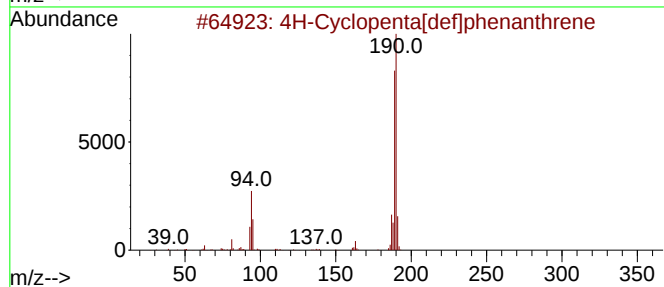
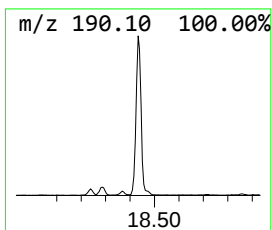
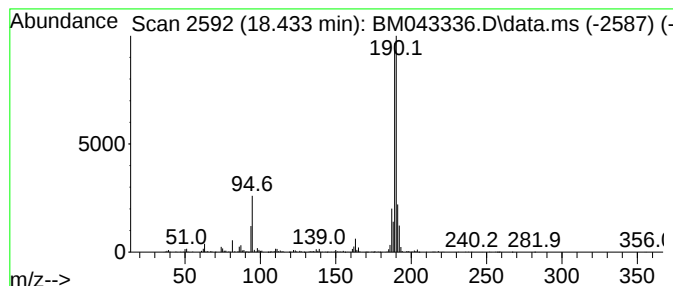
Instrument :
BNA_M
ClientSampleId :
DCLH7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.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 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.433	3.13 ng/ul	839132	Phenanthrene-d10		17.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	68
4	Phenol, 4-(2-thienylmethyl)-		190	C11H10O5	091680-55-6	53
5	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	47



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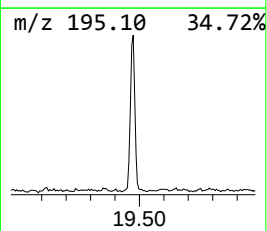
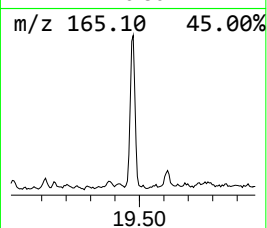
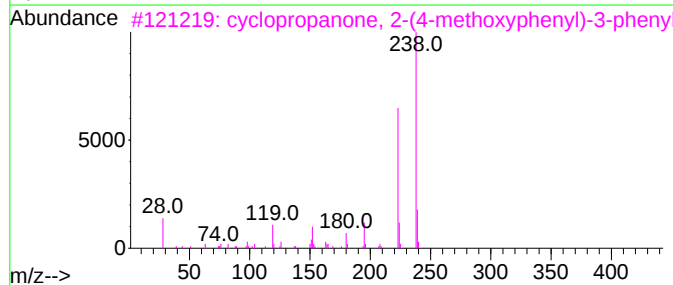
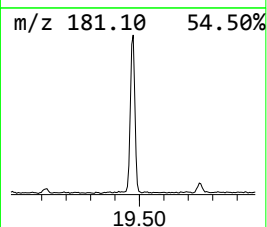
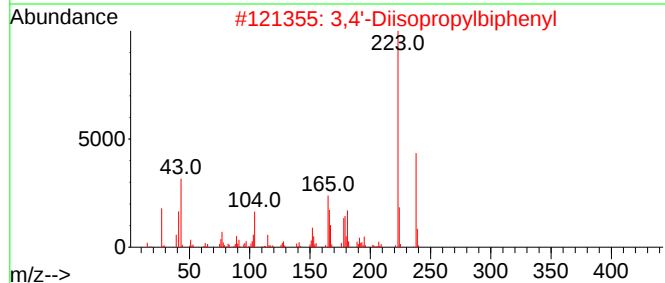
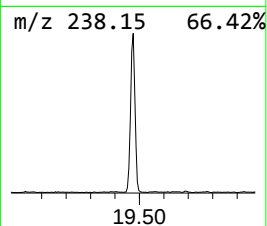
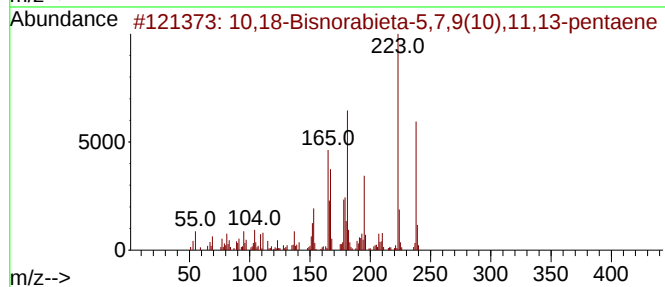
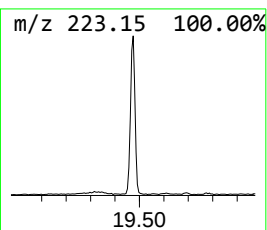
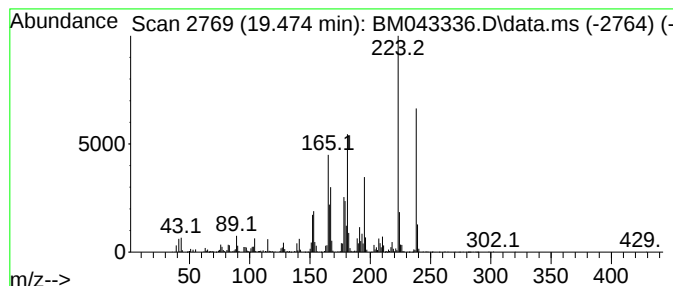
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	3.84 ng/ul	1092800	Chrysene-d12	21.533

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	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	55		
3	cyclopropanone, 2-(4-methoxyphen...	238	C16H14O2	1000401-16-2	50		
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50		
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	46		



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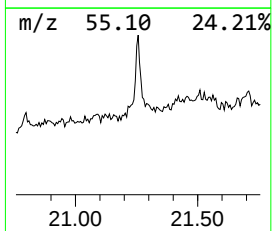
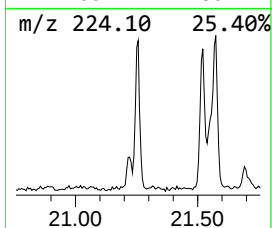
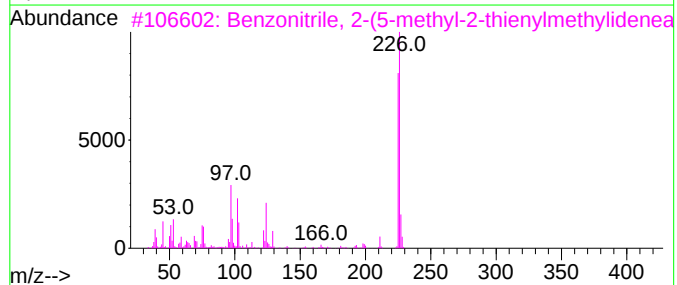
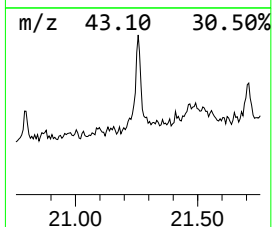
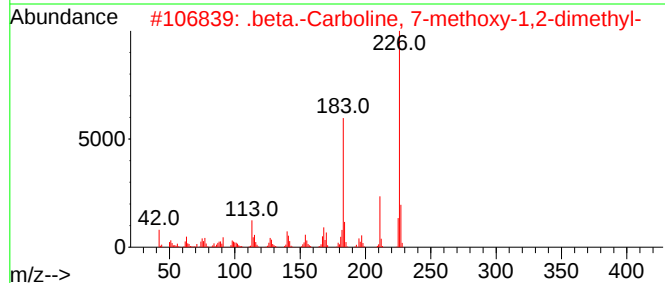
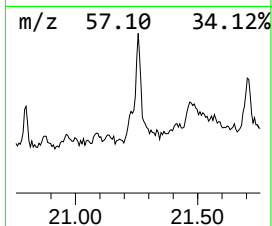
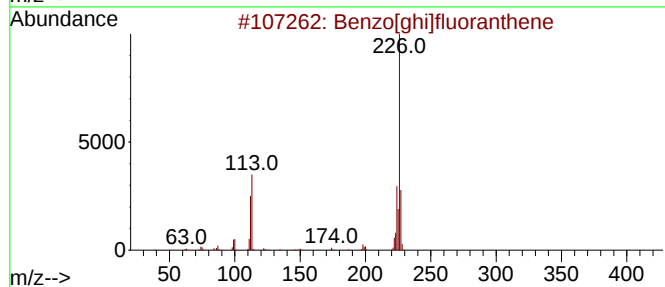
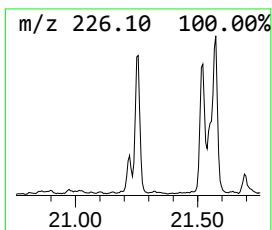
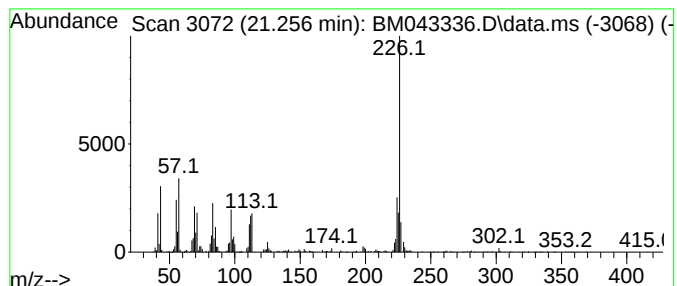
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzo[ghi]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	2.18 ng/ul	620261	Chrysene-d12	21.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	60
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3			Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	47
4			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
5			Valeramide, N-(2-phenylethyl)-N-...	401	C27H47NO	1000451-53-7	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043336.D
Acq On : 14 Dec 2023 12:38
Operator : MA/JU
Sample : 05690-08DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... 18.433	18.433	3.1	ng/ul	839132	4	17.363	5370080	20.0
10,18-Bisnorabi... 19.474	19.474	3.8	ng/ul	1092800	5	21.533	5690240	20.0
Benzo[ghi]fluor... 21.256	21.256	2.2	ng/ul	620261	5	21.533	5690240	20.0