

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047103.D
 Acq On : 09 Aug 2024 02:50
 Operator : RC/JU
 Sample : P3434-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E05Z4

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-BM080224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM047103.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.416	86	90	98	rBV2	39915	64761	0.90%	0.086%
2	3.499	100	104	108	rVB	36381	46592	0.65%	0.062%
3	4.575	282	287	297	rBV	29419	49606	0.69%	0.066%
4	6.593	625	630	643	rVB	339325	590758	8.24%	0.783%
5	6.746	649	656	661	rBV	266777	415309	5.79%	0.551%
6	6.928	681	687	696	rBV	341693	522726	7.29%	0.693%
7	7.040	699	706	712	rVV2	32678	61103	0.85%	0.081%
8	7.387	758	765	773	rBV	953814	1474033	20.55%	1.954%
9	8.104	880	887	897	rBV	372071	600110	8.37%	0.796%
10	8.204	897	904	913	rVB	201096	335535	4.68%	0.445%
11	8.528	953	959	971	rVV	300002	503202	7.02%	0.667%
12	9.116	1054	1059	1066	rBV	35685	56869	0.79%	0.075%
13	9.239	1074	1080	1088	rBV	228896	391000	5.45%	0.518%
14	9.428	1106	1112	1122	rBV2	29990	66636	0.93%	0.088%
15	9.604	1136	1142	1148	rVB2	24729	43376	0.60%	0.058%
16	9.781	1164	1172	1182	rBV	381767	641611	8.95%	0.851%
17	10.139	1226	1233	1239	rVV	1237969	2044874	28.51%	2.711%
18	10.186	1239	1241	1247	rVB	53295	78743	1.10%	0.104%
19	10.292	1252	1259	1272	rBV	194832	378044	5.27%	0.501%
20	10.728	1323	1333	1344	rBV6	30524	126342	1.76%	0.167%
21	10.904	1357	1363	1374	rBV2	55150	132513	1.85%	0.176%
22	11.816	1513	1518	1524	rVB	24753	41983	0.59%	0.056%
23	13.469	1793	1799	1809	rBV	634287	880326	12.27%	1.167%
24	13.727	1836	1843	1857	rVB	748627	1182570	16.49%	1.568%
25	14.039	1889	1896	1902	rVV	1848646	2637776	36.78%	3.497%
26	14.104	1902	1907	1911	rVB	46716	66422	0.93%	0.088%
27	14.286	1931	1938	1953	rBV2	202516	418874	5.84%	0.555%
28	14.445	1958	1965	1970	rBV	59398	95834	1.34%	0.127%
29	15.045	2061	2067	2072	rBV	999469	1367799	19.07%	1.813%
30	15.098	2072	2076	2083	rVB2	56488	83781	1.17%	0.111%
31	15.186	2086	2091	2096	rBV	167896	237929	3.32%	0.315%
32	15.545	2148	2152	2160	rVB2	33306	68922	0.96%	0.091%
33	16.457	2303	2307	2317	rVB	60425	100131	1.40%	0.133%
34	16.539	2317	2321	2327	rBV4	36137	68548	0.96%	0.091%
35	16.615	2327	2334	2338	rBV2	59631	113189	1.58%	0.150%
36	16.798	2359	2365	2369	rVV	2252398	3122655	43.54%	4.140%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
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37	16.839	2369	2372	2377	rVV	1222757	1645951	22.95%	2.182%
38	16.898	2377	2382	2385	rVV	1059202	1505540	20.99%	1.996%
39	16.933	2385	2388	2394	rVV	472771	634466	8.85%	0.841%
40	16.998	2395	2399	2406	rVB4	28190	56684	0.79%	0.075%
41	17.210	2427	2435	2439	rBV2	73068	128152	1.79%	0.170%
42	17.327	2451	2455	2460	rVB4	54515	83285	1.16%	0.110%
43	17.386	2461	2465	2475	rVB5	36252	73087	1.02%	0.097%
44	17.674	2509	2514	2518	rBV	256920	367637	5.13%	0.487%
45	17.733	2518	2524	2531	rVV2	484114	838745	11.69%	1.112%
46	17.804	2532	2536	2541	rVV	147325	222800	3.11%	0.295%
47	17.868	2541	2547	2551	rVV2	289793	500242	6.97%	0.663%
48	17.909	2551	2554	2559	rVB	130381	174281	2.43%	0.231%
49	18.033	2572	2575	2579	rVB3	54691	62098	0.87%	0.082%
50	18.186	2597	2601	2605	rBV	209533	280736	3.91%	0.372%
51	18.227	2605	2608	2615	rVB	99684	141026	1.97%	0.187%
52	18.292	2615	2619	2626	rBV3	49891	100036	1.39%	0.133%
53	18.439	2641	2644	2649	rVB3	58260	77940	1.09%	0.103%
54	18.486	2649	2652	2655	rBV	52309	58811	0.82%	0.078%
55	18.527	2655	2659	2663	rVB2	84354	108431	1.51%	0.144%
56	18.615	2669	2674	2678	rBV	116791	191496	2.67%	0.254%
57	18.680	2680	2685	2687	rVV3	86667	125130	1.74%	0.166%
58	18.704	2687	2689	2692	rVB	44054	43816	0.61%	0.058%
59	18.751	2693	2697	2706	rBV	199317	403559	5.63%	0.535%
60	18.874	2713	2718	2723	rBV	4121874	5333218	74.36%	7.070%
61	18.945	2727	2730	2734	rVV3	41684	55168	0.77%	0.073%
62	19.033	2741	2745	2749	rBV3	161967	233571	3.26%	0.310%
63	19.215	2770	2776	2778	rBV2	1698532	2737773	38.17%	3.629%
64	19.239	2778	2780	2789	rVV	2710648	3230537	45.04%	4.283%
65	19.315	2789	2793	2801	rVB2	170998	300477	4.19%	0.398%
66	19.427	2807	2812	2816	rBV	274175	368543	5.14%	0.489%
67	19.586	2831	2839	2844	rBV3	234973	580945	8.10%	0.770%
68	19.709	2856	2860	2862	rBV3	196052	301094	4.20%	0.399%
69	19.745	2863	2866	2871	rVB	411409	556085	7.75%	0.737%
70	19.809	2874	2877	2880	rVV3	70937	78860	1.10%	0.105%
71	19.851	2880	2884	2887	rBV	248576	298978	4.17%	0.396%
72	19.903	2887	2893	2897	rBV2	379630	600913	8.38%	0.797%
73	19.945	2898	2900	2904	rVB2	92877	105081	1.47%	0.139%
74	19.992	2905	2908	2912	rVB2	96838	113241	1.58%	0.150%
75	20.045	2913	2917	2921	rBV	171836	211806	2.95%	0.281%
76	20.092	2921	2925	2929	rBV2	186526	293441	4.09%	0.389%

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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

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 Title : SVOA CALIBRATION

77	20.309	2959	2962	2966	rBV2	160410	233412	3.25%	0.309%
78	20.468	2985	2989	2991	rBV3	112696	177372	2.47%	0.235%
79	20.503	2991	2995	3001	rVB	412343	590703	8.24%	0.783%
80	20.662	3017	3022	3026	rBV2	385191	612492	8.54%	0.812%
81	20.703	3026	3029	3032	rBV	334403	358867	5.00%	0.476%
82	20.739	3032	3035	3037	rBV	269176	314384	4.38%	0.417%
83	20.774	3038	3041	3044	rVV2	382512	418484	5.83%	0.555%
84	21.027	3078	3084	3089	rBV3	3343991	7172549	100.00%	9.509%
85	21.074	3089	3092	3101	rVB	2559378	3396758	47.36%	4.503%
86	21.203	3110	3114	3117	rBV	249884	320722	4.47%	0.425%
87	21.250	3119	3122	3131	rVV4	231156	369548	5.15%	0.490%
88	21.662	3188	3192	3197	rVB	744957	1058629	14.76%	1.403%
89	21.774	3207	3211	3219	rBV4	553309	1135555	15.83%	1.505%
90	21.892	3228	3231	3234	rVB2	145593	169957	2.37%	0.225%
91	22.286	3294	3298	3305	rVB	308202	490240	6.83%	0.650%
92	22.350	3306	3309	3312	rBV	154092	183477	2.56%	0.243%
93	22.456	3324	3327	3332	rVB3	286728	438830	6.12%	0.582%
94	22.897	3394	3402	3407	rBV	2053692	5428071	75.68%	7.196%
95	23.015	3417	3422	3428	rBV2	896241	1632987	22.77%	2.165%
96	23.486	3498	3502	3507	rVB2	305411	522451	7.28%	0.693%
97	23.550	3509	3513	3517	rVV	300211	498669	6.95%	0.661%
98	23.603	3517	3522	3534	rVB	871442	2014065	28.08%	2.670%
99	23.733	3537	3544	3551	rBV	1396536	3196684	44.57%	4.238%
100	26.727	4047	4053	4078	rVB2	561951	2363790	32.96%	3.134%

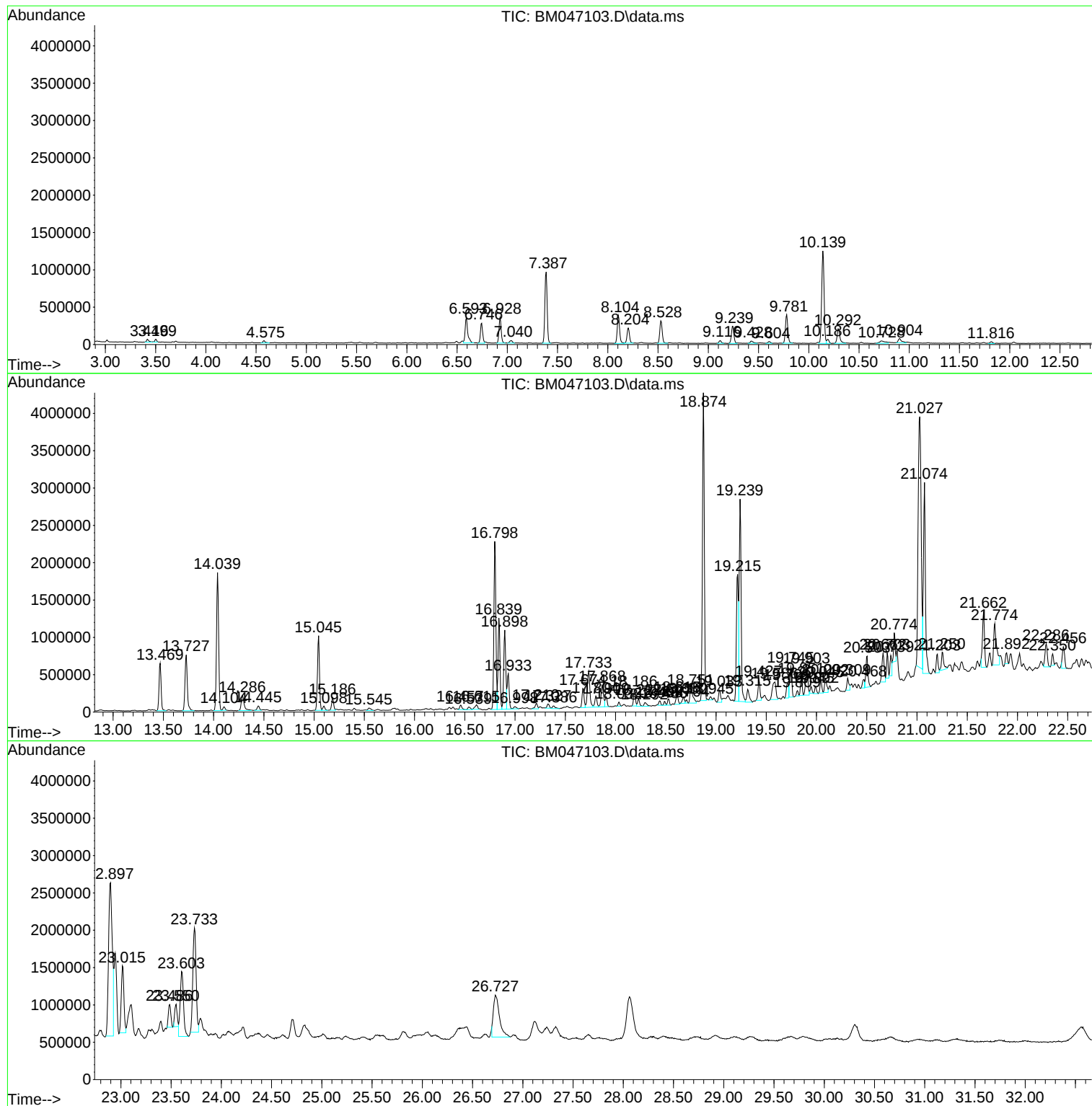
Sum of corrected areas: 75432858

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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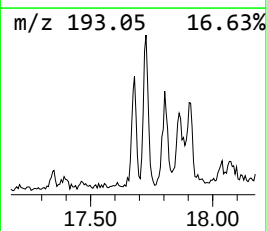
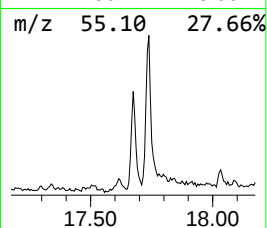
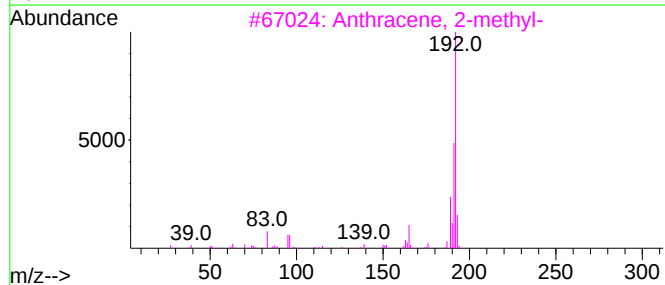
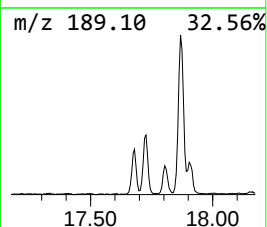
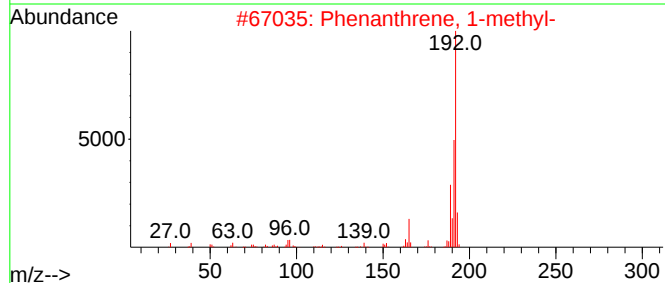
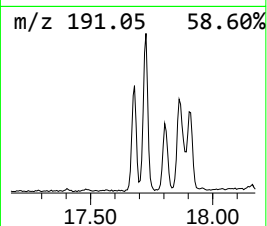
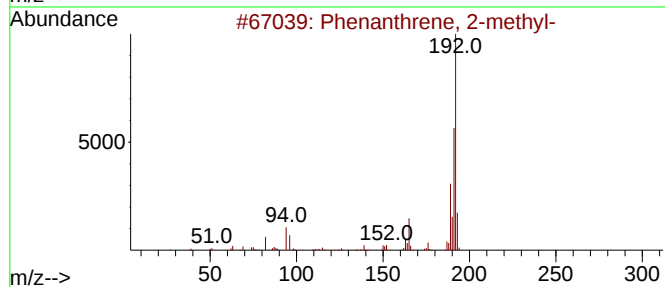
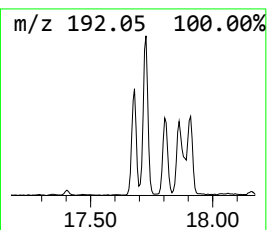
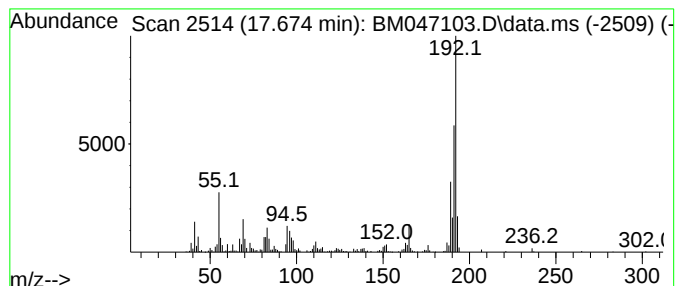
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.674	2.35 ng/ul	367637	Phenanthrene-d10	16.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



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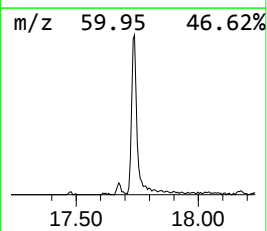
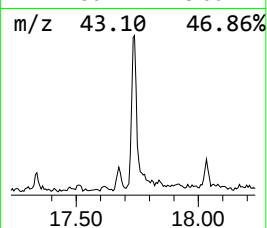
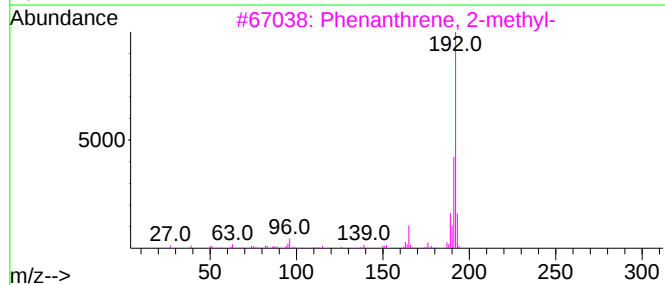
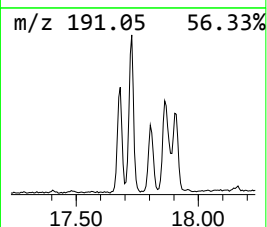
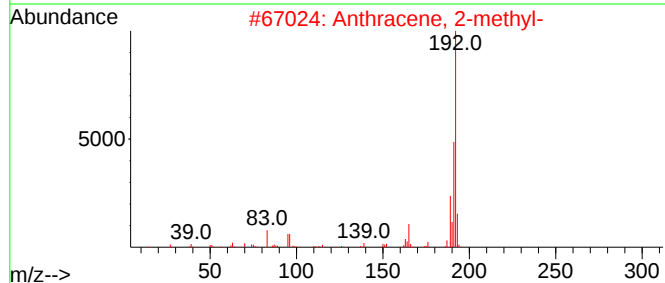
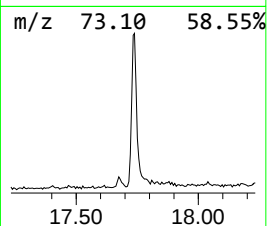
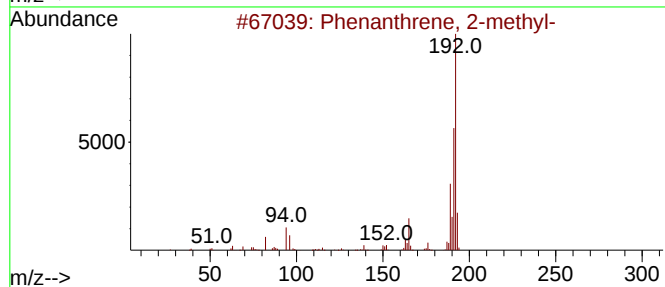
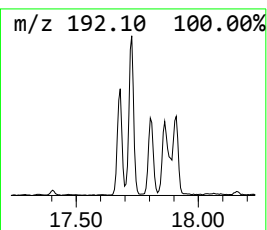
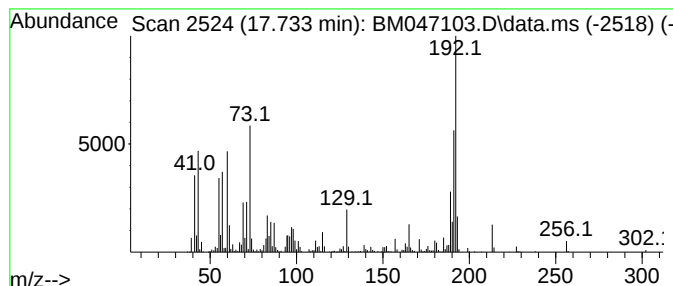
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	5.37 ng/ul	838745	Phenanthrene-d10	16.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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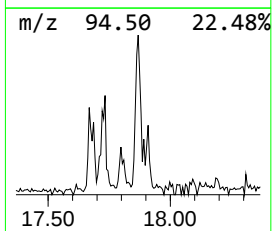
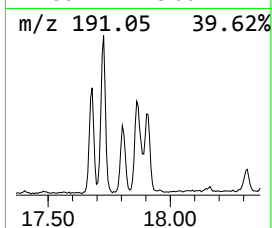
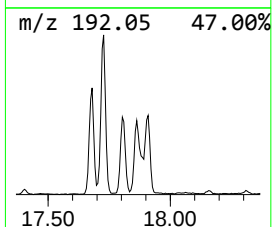
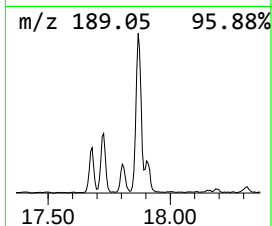
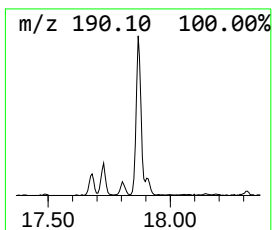
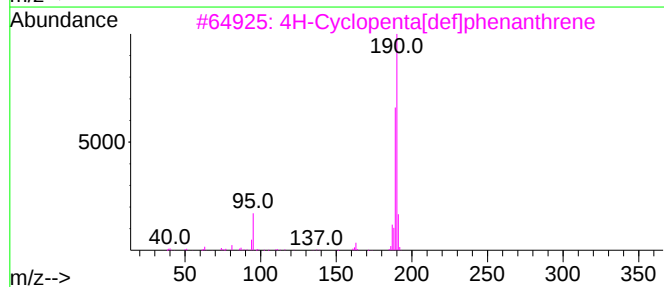
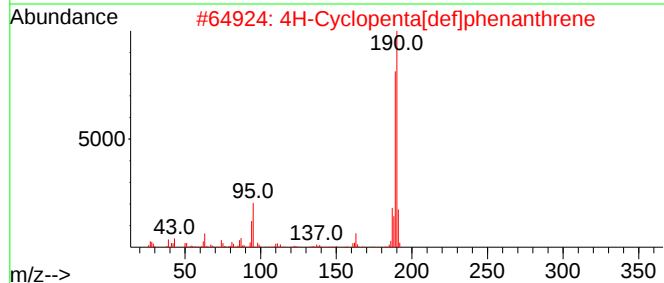
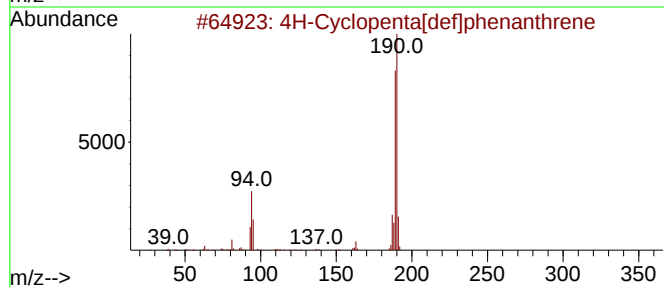
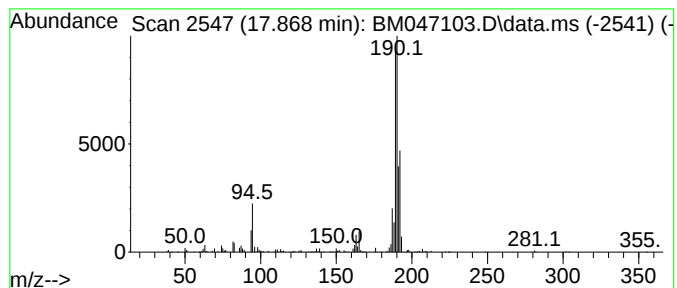
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.868	3.20 ng/ul	500242	Phenanthrene-d10	16.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5			Methyl diselenide	190	C2H6Se2	007101-31-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
Operator : RC/JU
Sample : P3434-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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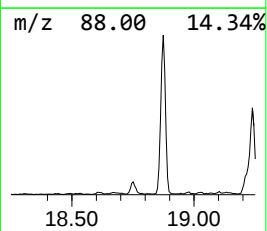
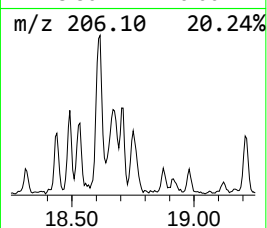
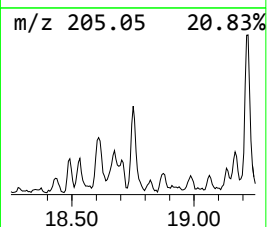
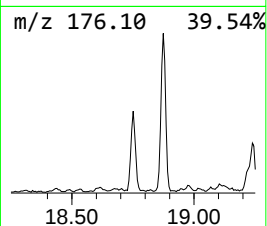
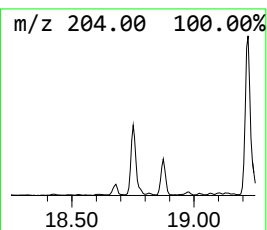
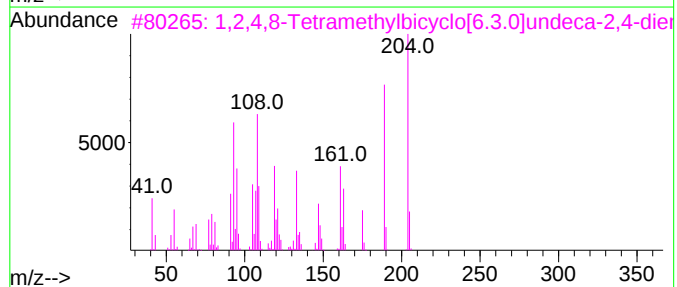
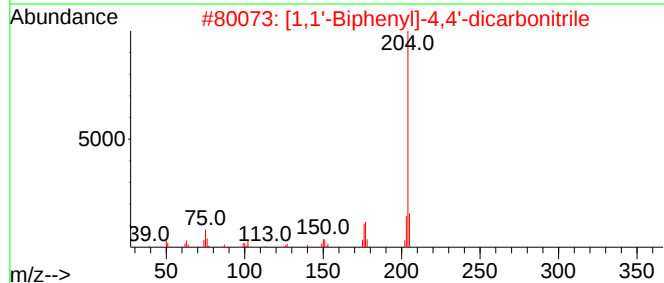
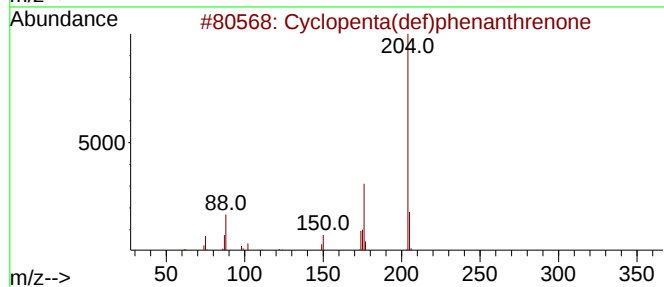
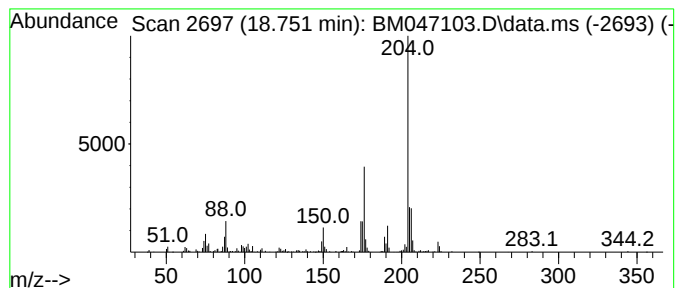
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	2.58 ng/ul	403559	Phenanthrene-d10	16.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	43
4			Tricyclo[5.1.0.0(2,4)]octane, 5-ene	247	C17H29N	1000063-59-3	43
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
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Sample : P3434-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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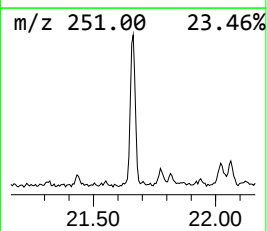
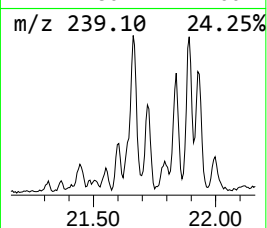
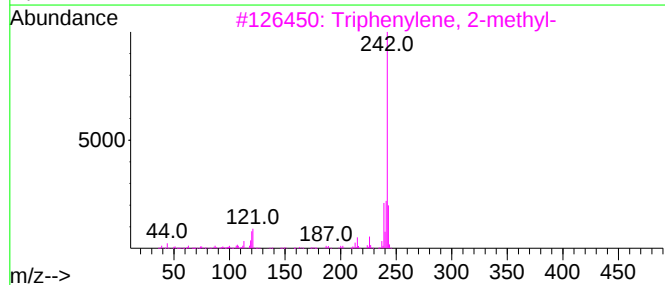
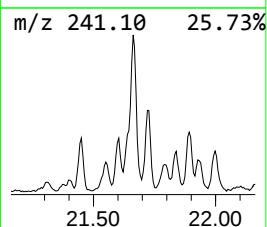
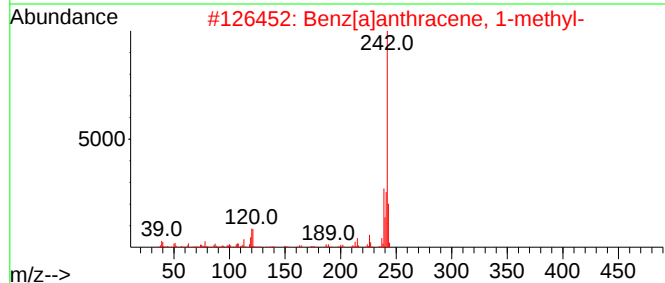
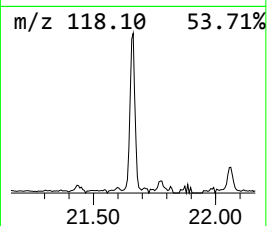
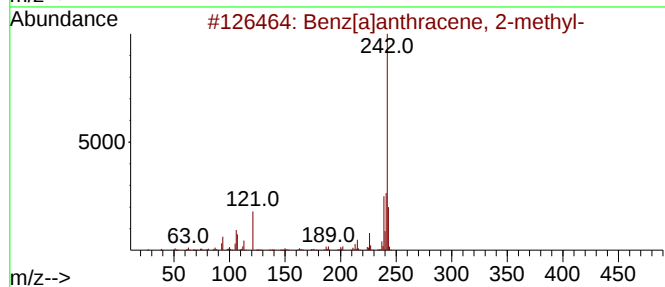
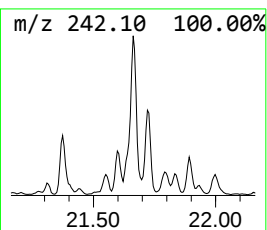
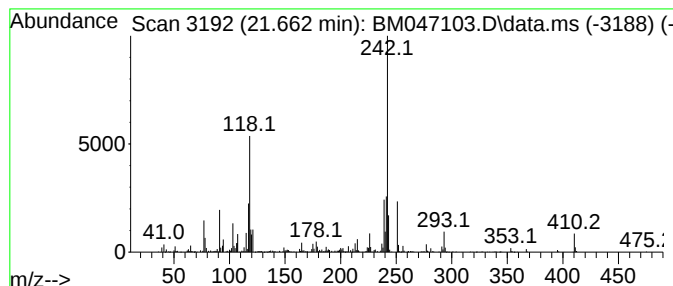
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benz[a]anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.662	2.95 ng/ul	1058630	Chrysene-d12	21.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	84
2			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	66
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	66
4			Chrysene, 3-methyl-	242	C19H14	003351-31-3	59
5			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
Operator : RC/JU
Sample : P3434-13
Misc :
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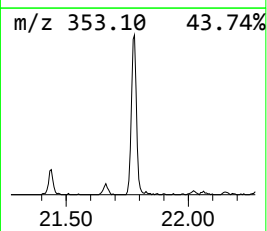
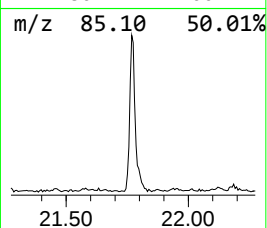
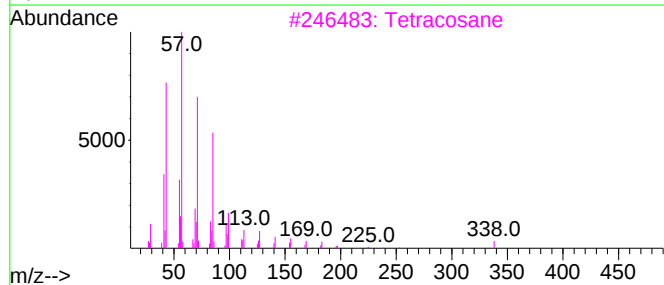
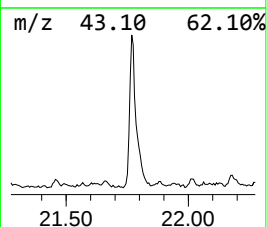
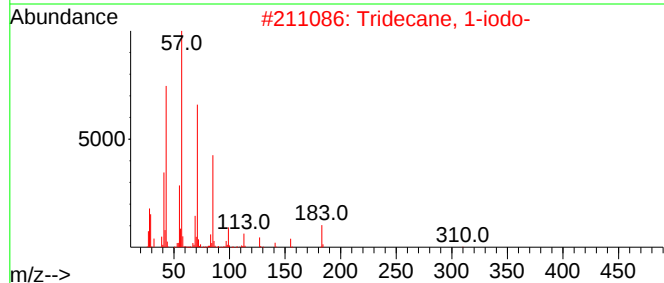
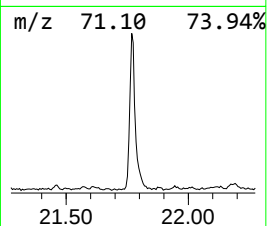
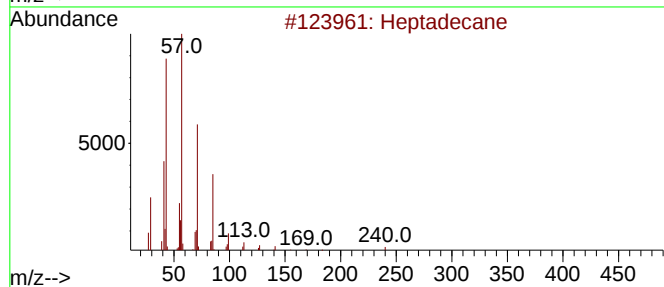
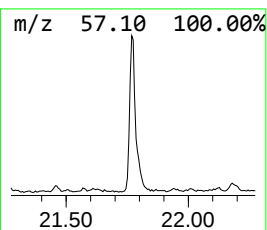
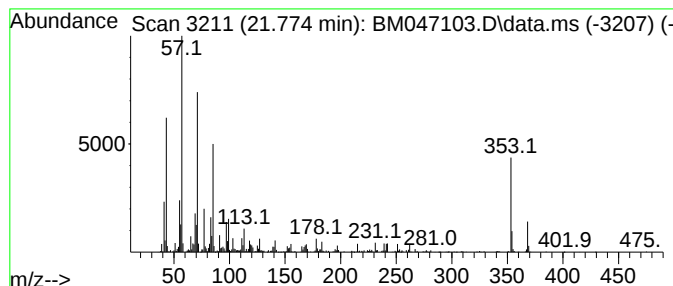
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.774	3.17 ng/ul	1135560	Chrysene-d12	21.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Tetracosane	338	C24H50	000646-31-1	64
4	Octacosane	394	C28H58	000630-02-4	64
5	Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
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Misc :
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Instrument :
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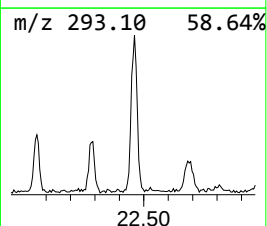
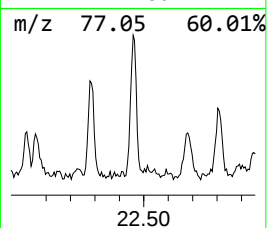
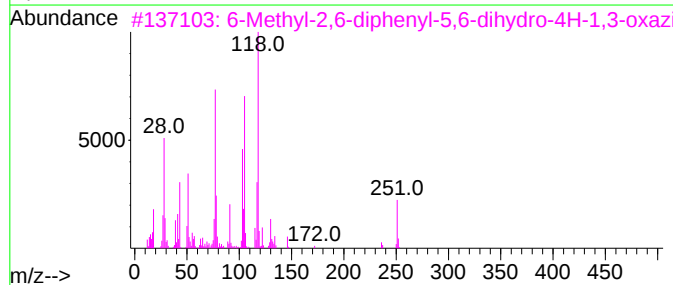
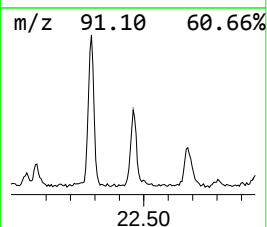
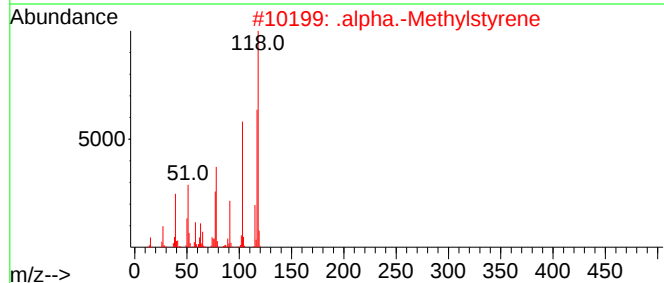
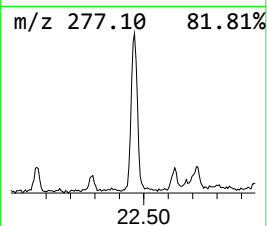
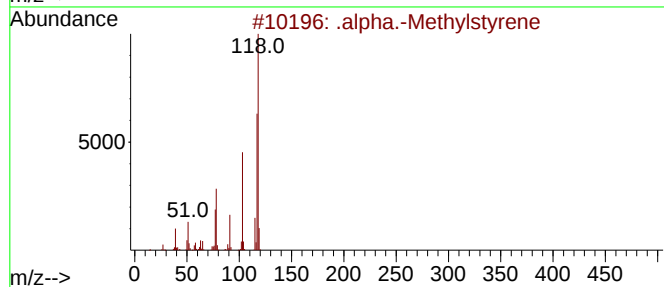
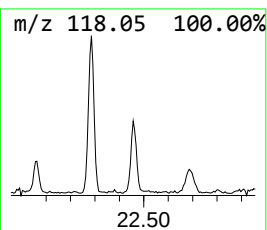
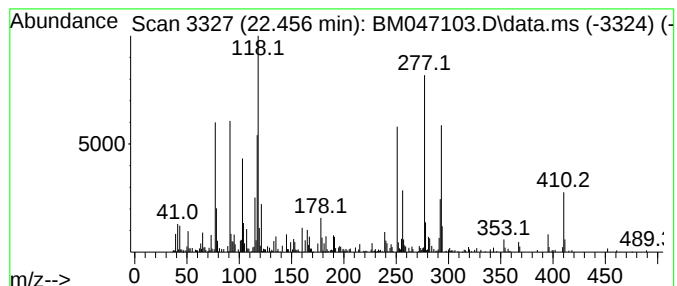
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.456	2.75 ng/ul	438830	Perylene-d12	23.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Methylstyrene	118	C9H10	000098-83-9	42	
2	.	alpha.-Methylstyrene	118	C9H10	000098-83-9	42	
3	6-Methyl-2,6-diphenyl-5,6-dihydr...	251	C17H17NO	122035-87-4	38		
4	3-Methyl-1-(4-morpholinylmethyl)...	288	C16H20N2O3	003780-72-1	25		
5	Azetidine, 3-methyl-3-phenyl-	147	C10H13N	005961-33-1	22		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
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Sample : P3434-13
Misc :
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Instrument :
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ClientSampleId :
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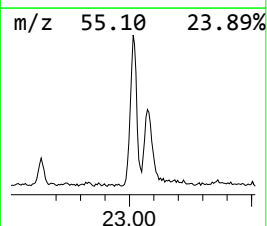
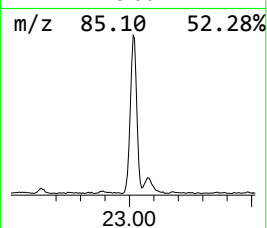
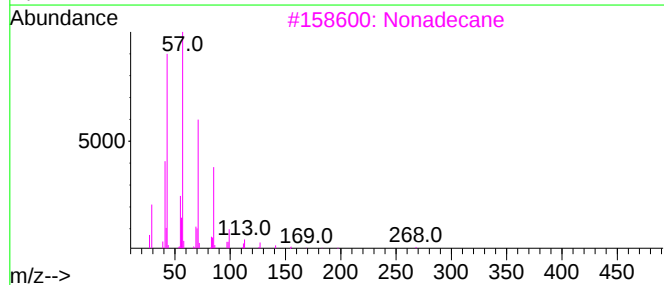
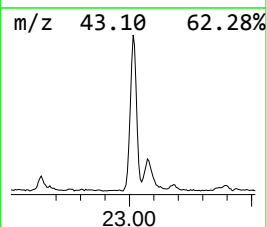
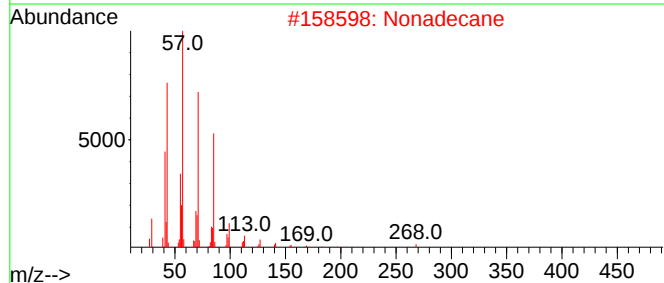
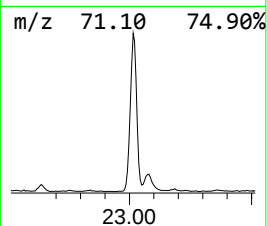
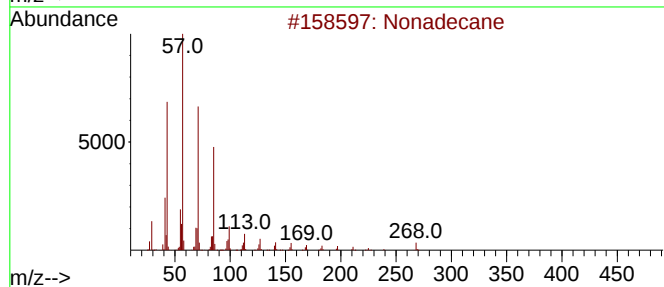
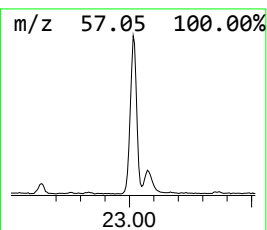
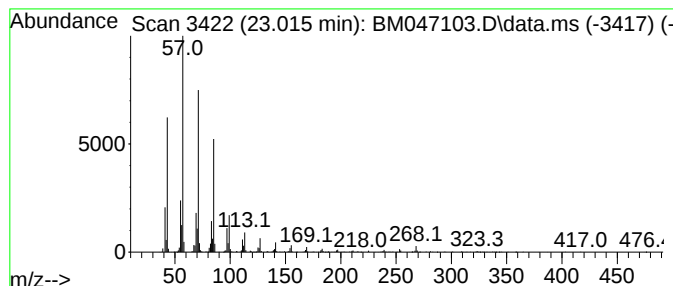
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.015	10.22 ng/ul	1632990	Perylene-d12	23.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Nonadecane	268	C19H40	000629-92-5	93
3			Nonadecane	268	C19H40	000629-92-5	93
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
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Sample : P3434-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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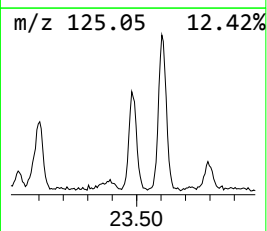
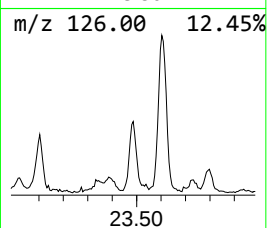
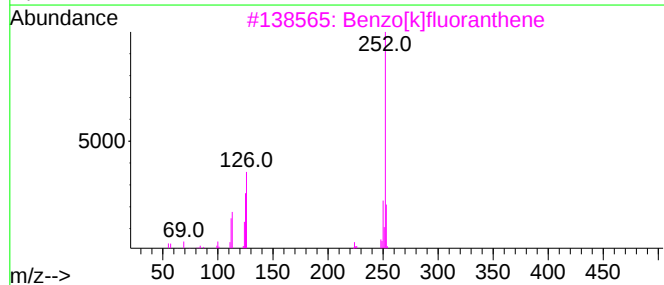
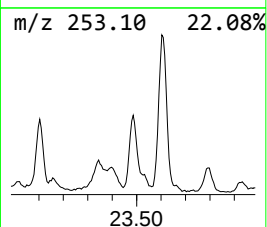
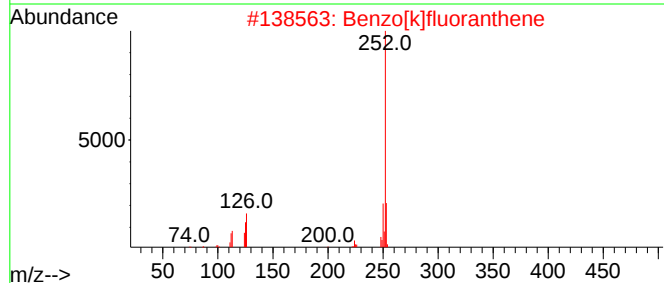
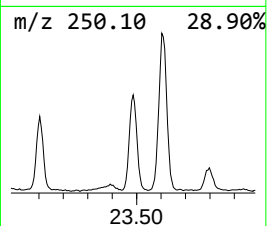
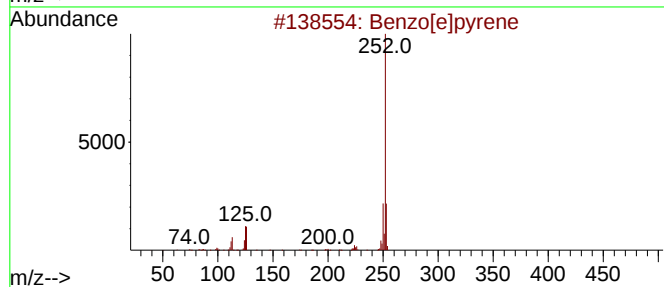
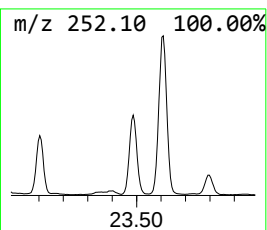
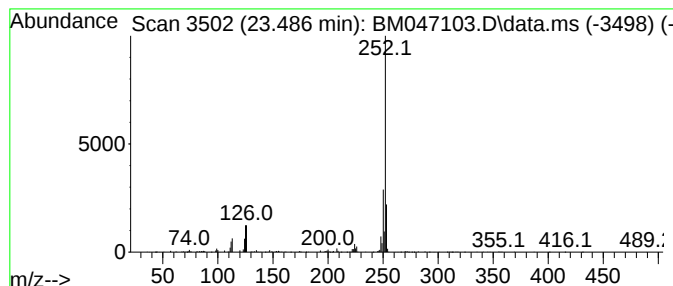
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	3.27 ng/ul	522451	Perylene-d12	23.733

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
Operator : RC/JU
Sample : P3434-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.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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Anthracene, 2-m...	17.733	5.4	ng/u1	838745	4	16.798	3122660	20.0
4H-Cyclopenta[d...	17.868	3.2	ng/u1	500242	4	16.798	3122660	20.0
Cyclopenta(def)...	18.751	2.6	ng/u1	403559	4	16.798	3122660	20.0
Benz[a]anthrace...	21.662	3.0	ng/u1	1058630	5	21.033	7172550	20.0
(DEL) Alkane: S...	21.774	3.2	ng/u1	1135560	5	21.033	7172550	20.0
unknown-01	22.456	2.8	ng/u1	438830	6	23.733	3196680	20.0
(DEL) Alkane: S...	23.015	10.2	ng/u1	1632990	6	23.733	3196680	20.0
Benzo[e]pyrene	23.486	3.3	ng/u1	522451	6	23.733	3196680	20.0