

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043333.D
 Acq On : 14 Dec 2023 10:50
 Operator : MA/JU
 Sample : 05690-04DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH3DL

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-BM120723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.157	667	675	688	rVB2	148857	287744	2.09%	0.305%
2	7.334	699	705	714	rBV	109999	185958	1.35%	0.197%
3	7.522	731	737	744	rVB	137313	225768	1.64%	0.239%
4	7.998	810	818	825	rBV	1314479	2070174	15.00%	2.194%
5	8.704	931	938	947	rVB	157116	257912	1.87%	0.273%
6	8.833	953	960	971	rVB	129434	231366	1.68%	0.245%
7	9.169	1011	1017	1027	rVV2	135041	242601	1.76%	0.257%
8	9.886	1134	1139	1145	rVB2	90083	155484	1.13%	0.165%
9	10.422	1222	1230	1238	rBV	168402	303594	2.20%	0.322%
10	10.804	1285	1295	1300	rBV	2048980	3418863	24.78%	3.623%
11	10.857	1300	1304	1311	rVV	255883	421748	3.06%	0.447%
12	10.951	1313	1320	1330	rVB2	113874	254017	1.84%	0.269%
13	12.457	1569	1576	1583	rBV	595928	949839	6.88%	1.006%
14	12.586	1591	1598	1604	rBV2	49299	93989	0.68%	0.100%
15	12.674	1604	1613	1620	rVB	326836	528950	3.83%	0.560%
16	13.463	1741	1747	1753	rBV	302794	455988	3.31%	0.483%
17	13.657	1775	1780	1792	rVB	110682	214432	1.55%	0.227%
18	13.792	1792	1803	1804	rBV	160109	250495	1.82%	0.265%
19	13.945	1822	1829	1834	rVV2	216026	398517	2.89%	0.422%
20	14.004	1834	1839	1841	rVV	148742	225625	1.64%	0.239%
21	14.039	1841	1845	1854	rVB	336471	472007	3.42%	0.500%
22	14.180	1864	1869	1873	rBV	123683	191750	1.39%	0.203%
23	14.321	1887	1893	1904	rVB2	343397	658294	4.77%	0.698%
24	14.621	1933	1944	1950	rBV	3031200	4657980	33.76%	4.936%
25	14.686	1950	1955	1963	rVV	2334720	3378212	24.49%	3.580%
26	14.762	1963	1968	1973	rVB	41911	66137	0.48%	0.070%
27	14.821	1973	1978	1988	rBV2	116360	244070	1.77%	0.259%
28	14.933	1988	1997	2001	rVV2	82000	131403	0.95%	0.139%
29	15.021	2001	2012	2020	rVV	1945652	2778186	20.14%	2.944%
30	15.098	2020	2025	2030	rBV	55297	78462	0.57%	0.083%
31	15.239	2040	2049	2053	rBV3	50800	105133	0.76%	0.111%
32	15.292	2053	2058	2063	rVB	61976	89226	0.65%	0.095%
33	15.410	2069	2078	2081	rBV2	43650	90667	0.66%	0.096%
34	15.609	2104	2112	2117	rVV	485446	782297	5.67%	0.829%
35	15.668	2117	2122	2130	rVV	3085810	4327323	31.36%	4.585%
36	15.762	2134	2138	2140	rVV2	86801	135783	0.98%	0.144%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
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37	15.792	2140	2143	2146	rVV	135044	201350	1.46%	0.213%
38	15.827	2146	2149	2154	rVV	243733	361018	2.62%	0.383%
39	15.874	2154	2157	2160	rVV	60701	89848	0.65%	0.095%
40	15.915	2160	2164	2168	rVV	180660	279653	2.03%	0.296%

41	15.962	2168	2172	2179	rVB	328281	482805	3.50%	0.512%
42	16.104	2188	2196	2204	rBV	346036	726686	5.27%	0.770%
43	16.174	2204	2208	2209	rBV2	48462	55810	0.40%	0.059%
44	16.327	2225	2234	2243	rBV6	70419	170498	1.24%	0.181%
45	16.668	2281	2292	2297	rBV3	199684	448425	3.25%	0.475%

46	16.715	2297	2300	2306	rVB2	72231	97276	0.71%	0.103%
47	16.815	2311	2317	2323	rVB2	69686	127755	0.93%	0.135%
48	16.898	2323	2331	2334	rBV2	72497	167134	1.21%	0.177%
49	16.933	2334	2337	2341	rVB3	64346	79732	0.58%	0.084%
50	17.021	2347	2352	2358	rVB2	109268	190307	1.38%	0.202%

51	17.092	2358	2364	2366	rBV	89365	141173	1.02%	0.150%
52	17.180	2374	2379	2392	rVB	606403	913883	6.62%	0.968%
53	17.362	2404	2410	2413	rBV	3411430	4844521	35.11%	5.133%
54	17.409	2413	2418	2423	rVV	9841522	13796877	100.00%	14.619%
55	17.462	2423	2427	2429	rVV	571843	850792	6.17%	0.901%

56	17.498	2429	2433	2439	rVV	6148043	8327543	60.36%	8.824%
57	17.556	2439	2443	2448	rVB2	152478	237171	1.72%	0.251%
58	17.639	2453	2457	2466	rVV	86329	147727	1.07%	0.157%
59	17.768	2470	2479	2492	rVV	1585415	2337759	16.94%	2.477%
60	17.886	2492	2499	2505	rVV3	106263	201430	1.46%	0.213%

61	17.945	2505	2509	2517	rVB2	52752	104896	0.76%	0.111%
62	18.086	2528	2533	2541	rBV	38593	70838	0.51%	0.075%
63	18.239	2550	2559	2563	rBV	417290	667570	4.84%	0.707%
64	18.286	2563	2567	2573	rVV	561868	784100	5.68%	0.831%
65	18.368	2573	2581	2586	rVV	208479	302467	2.19%	0.320%

66	18.433	2586	2592	2596	rVV2	803275	1303446	9.45%	1.381%
67	18.468	2596	2598	2606	rVB	234712	281106	2.04%	0.298%
68	18.545	2606	2611	2615	rBV2	44266	86159	0.62%	0.091%
69	18.586	2615	2618	2622	rVV	50904	64576	0.47%	0.068%
70	18.633	2622	2626	2630	rVV4	39905	58270	0.42%	0.062%

71	18.739	2639	2644	2648	rBV	320025	436045	3.16%	0.462%
72	18.780	2648	2651	2657	rVB	109601	142302	1.03%	0.151%
73	18.980	2681	2685	2689	rVB2	80256	101931	0.74%	0.108%
74	19.150	2709	2714	2718	rBV2	79301	136033	0.99%	0.144%
75	19.209	2718	2724	2728	rBV6	71865	148344	1.08%	0.157%

76	19.292	2733	2738	2745	rBV4	75343	152108	1.10%	0.161%
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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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 Peak separation: 5

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77	19.415	2753	2759	2765	rBV	4874127	6447667	46.73%	6.832%
78	19.474	2765	2769	2772	rVV4	73149	98503	0.71%	0.104%
79	19.509	2772	2775	2782	rVB3	50258	77173	0.56%	0.082%
80	19.656	2794	2800	2803	rVV2	121927	199182	1.44%	0.211%
81	19.745	2809	2815	2817	rBV3	1187512	1707316	12.37%	1.809%
82	19.774	2817	2820	2828	rVV	3059887	4013529	29.09%	4.253%
83	19.845	2828	2832	2839	rVB2	108693	159297	1.15%	0.169%
84	19.956	2846	2851	2856	rBV	138945	195035	1.41%	0.207%
85	20.092	2869	2874	2875	rBV2	98204	132286	0.96%	0.140%
86	20.233	2893	2898	2900	rBV5	63355	116012	0.84%	0.123%
87	20.268	2900	2904	2908	rVB	267984	360269	2.61%	0.382%
88	20.368	2916	2921	2925	rBV	303376	370438	2.68%	0.393%
89	20.421	2925	2930	2934	rVV4	122536	224994	1.63%	0.238%
90	20.462	2934	2937	2941	rVB	52887	65884	0.48%	0.070%
91	20.609	2958	2962	2968	rVV4	59802	101322	0.73%	0.107%
92	21.180	3055	3059	3062	rBV	110481	141660	1.03%	0.150%
93	21.215	3062	3065	3068	rVV	100940	128998	0.93%	0.137%
94	21.256	3068	3072	3077	rVB4	154474	254439	1.84%	0.270%
95	21.533	3112	3119	3123	rBV3	3231799	4993881	36.20%	5.291%
96	21.568	3123	3125	3133	rVB	559687	723513	5.24%	0.767%
97	21.697	3143	3147	3154	rBV3	90003	173001	1.25%	0.183%
98	23.215	3401	3405	3407	rBV	136693	214319	1.55%	0.227%
99	23.791	3499	3503	3508	rVB2	199964	328154	2.38%	0.348%
100	23.950	3524	3530	3546	rVB	1736079	3671489	26.61%	3.890%

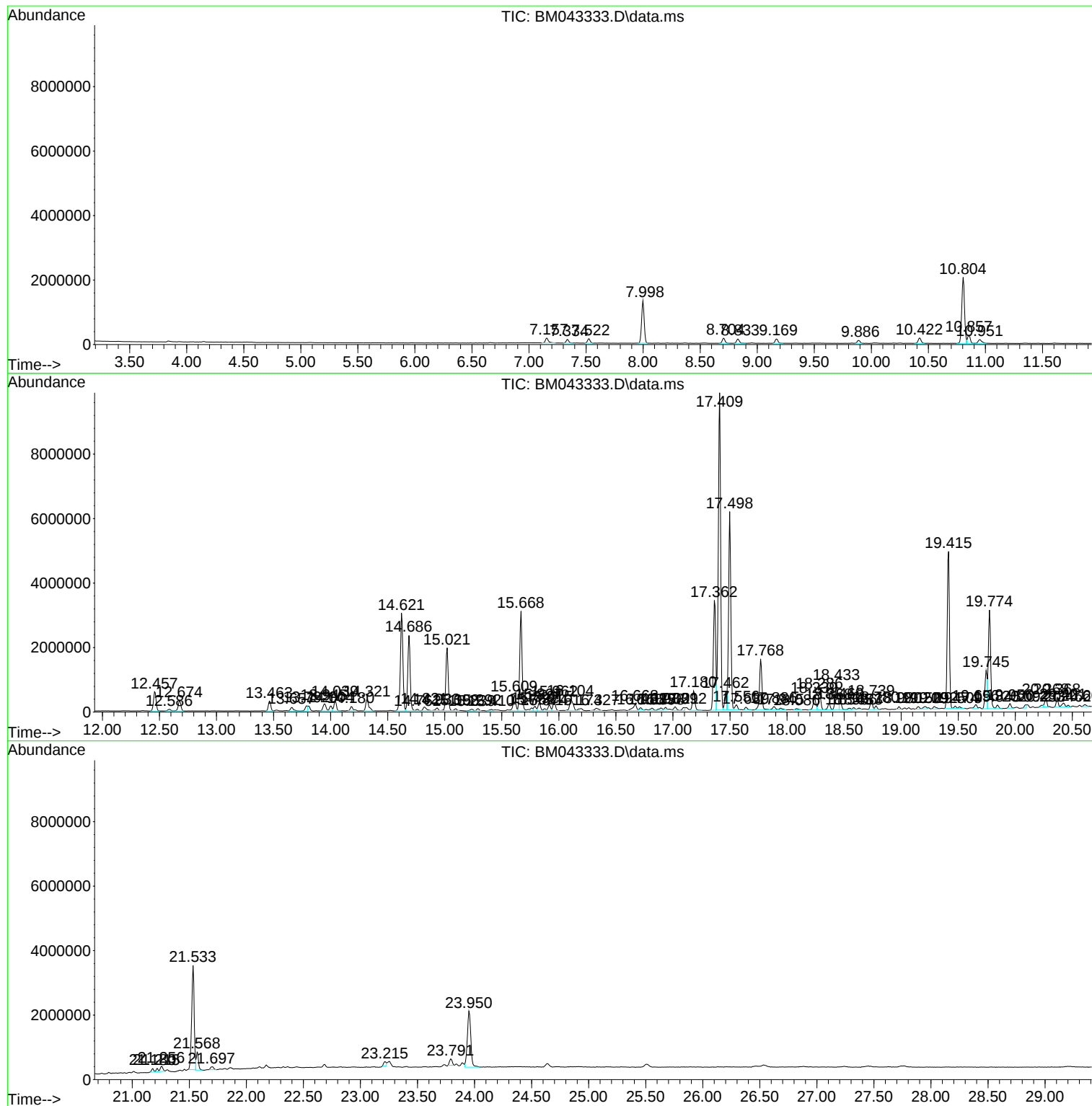
Sum of corrected areas: 94375719

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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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
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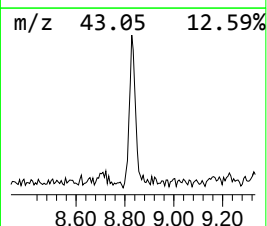
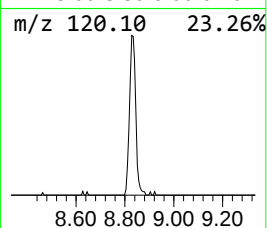
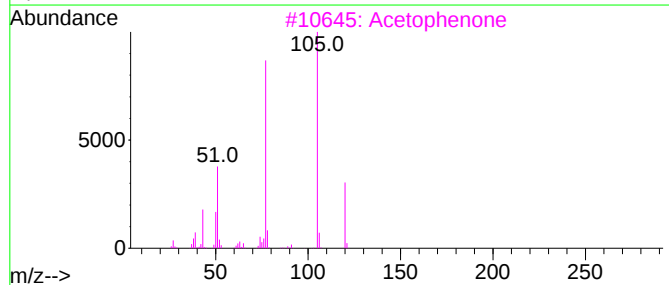
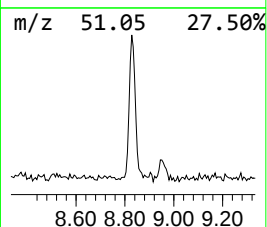
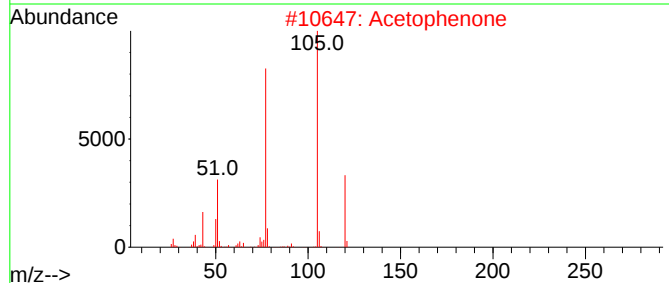
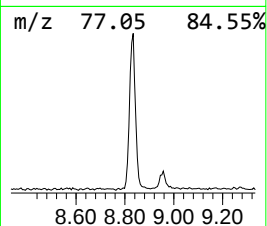
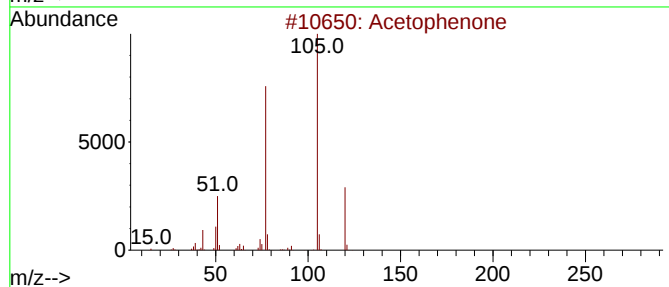
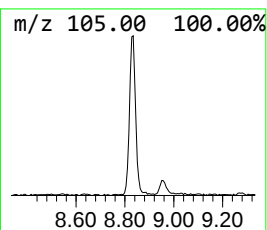
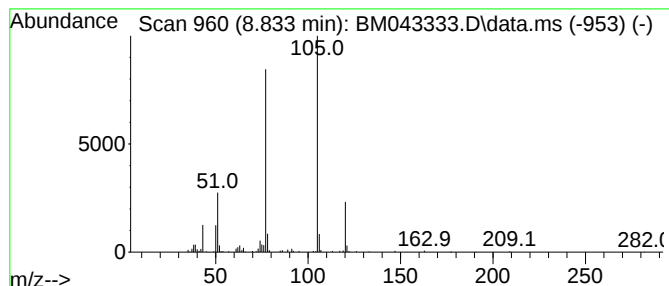
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Aceto phenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.833	2.24 ng/ul	231366	1,4-Dichlorobenzene-d4	7.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone			120	C8H8O	000098-86-2	94
2	Acetophenone			120	C8H8O	000098-86-2	94
3	Acetophenone			120	C8H8O	000098-86-2	94
4	Acetophenone			120	C8H8O	000098-86-2	91
5	Acetophenone			120	C8H8O	000098-86-2	91



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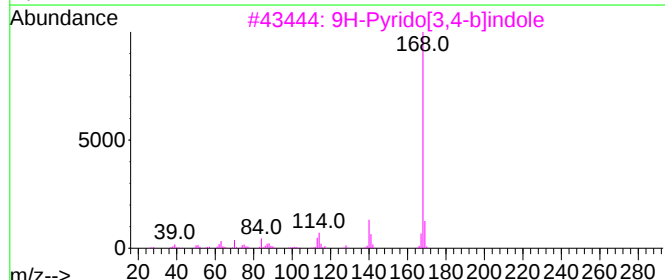
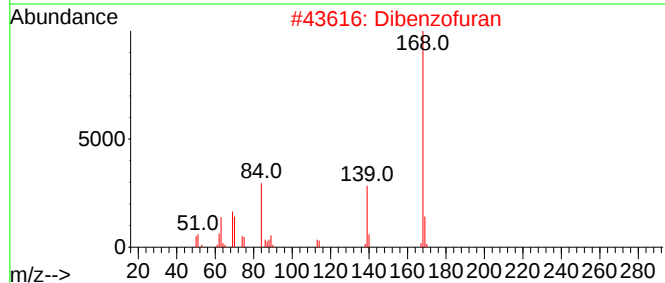
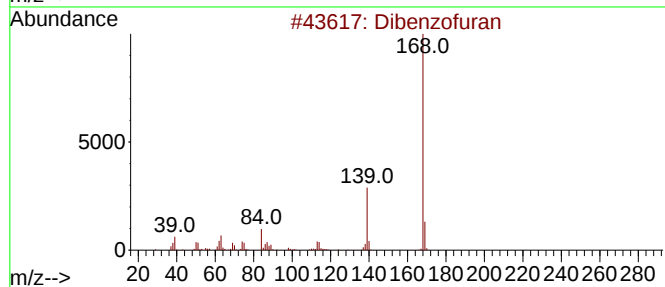
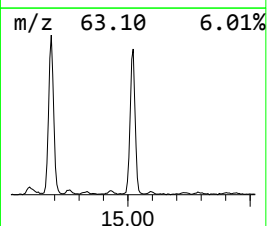
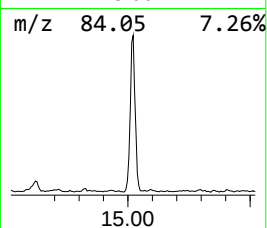
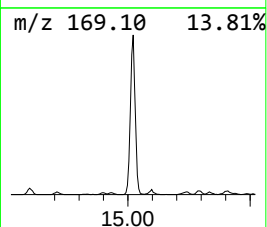
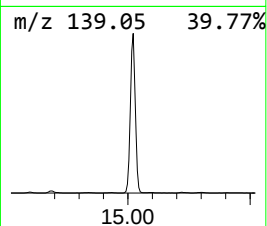
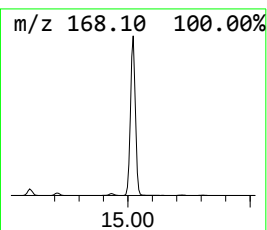
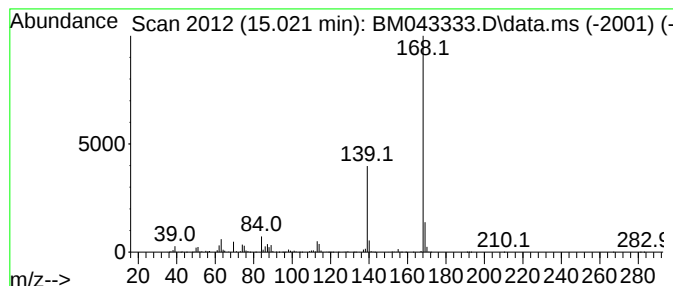
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzo furan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	11.93 ng/ul	2778190	Acenaphthene-d10	14.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	91
2			Dibenzofuran	168	C12H8O	000132-64-9	78
3			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
4			3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56
5			Dibenzofuran	168	C12H8O	000132-64-9	53



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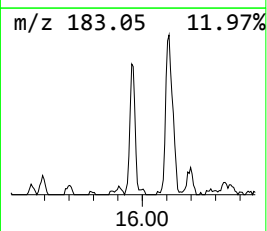
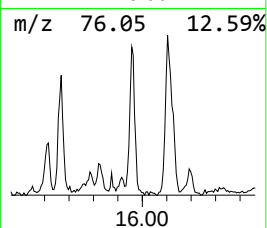
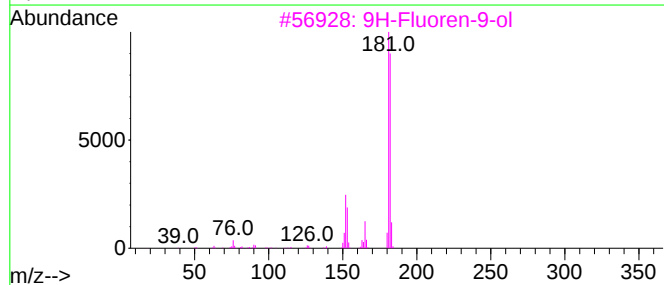
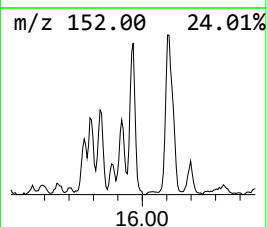
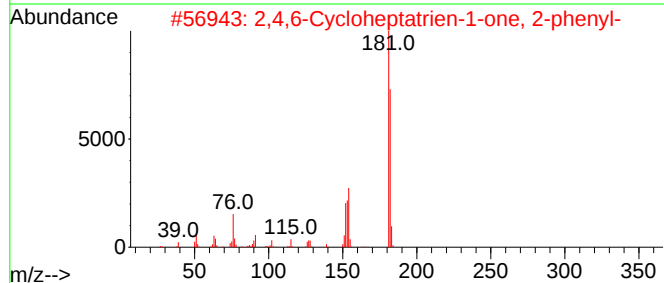
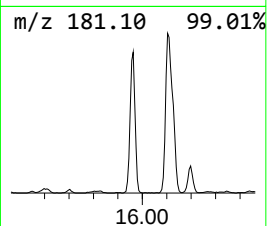
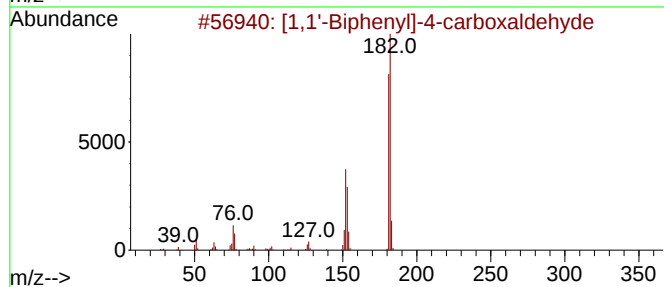
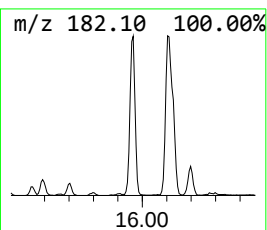
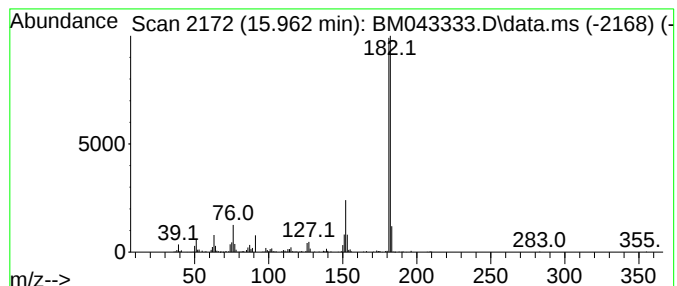
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.962	2.07 ng/ul	482805	Acenaphthene-d10	14.621

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
5		1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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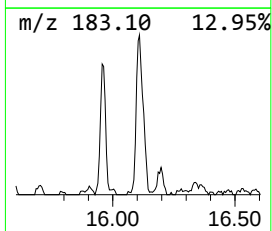
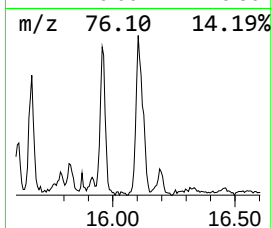
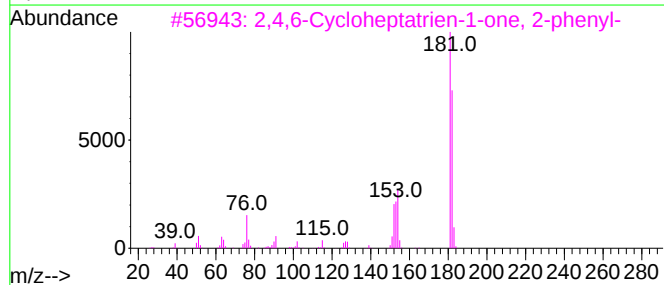
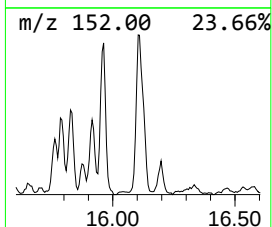
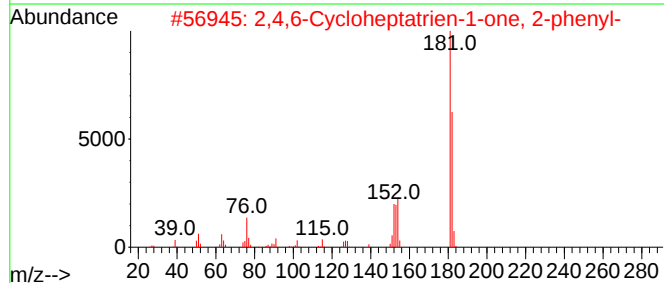
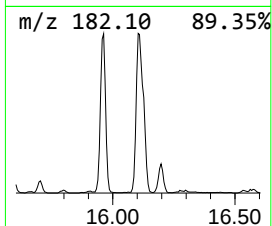
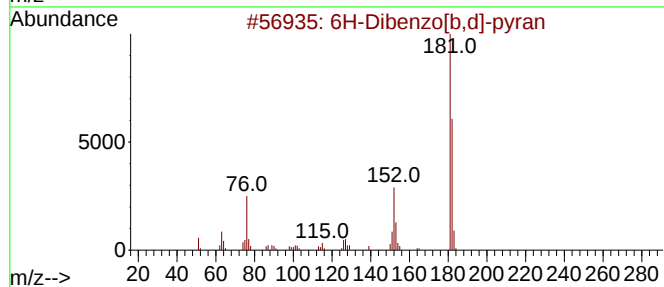
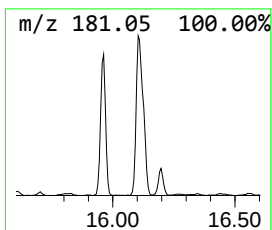
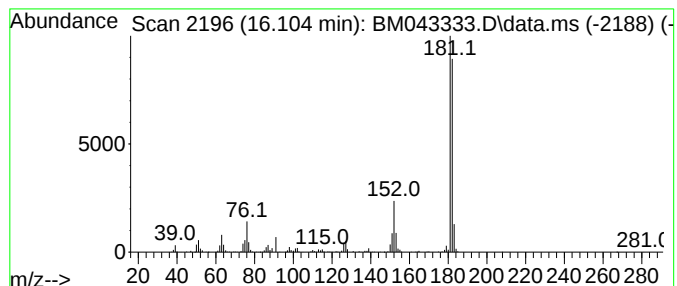
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 6H-Dibenzo[b,d]-pyran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	3.00 ng/ul	726686	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
4			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
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Instrument :
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ClientSampleId :
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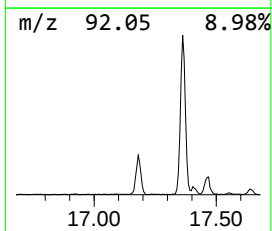
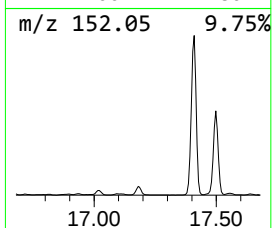
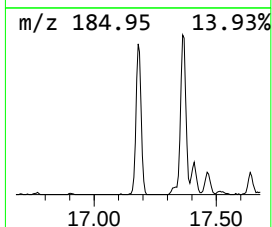
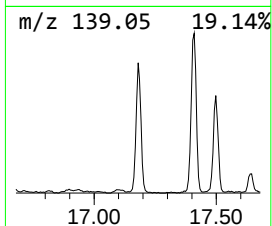
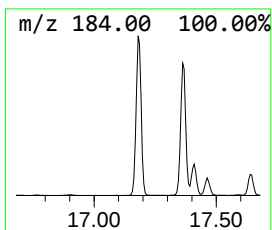
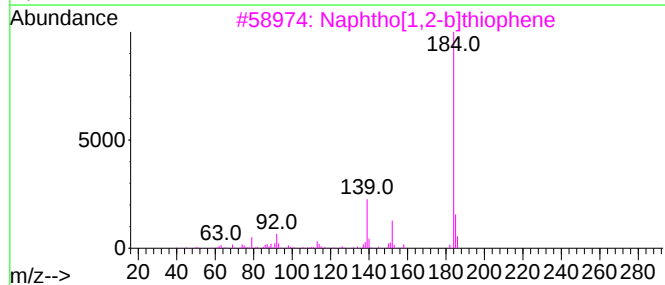
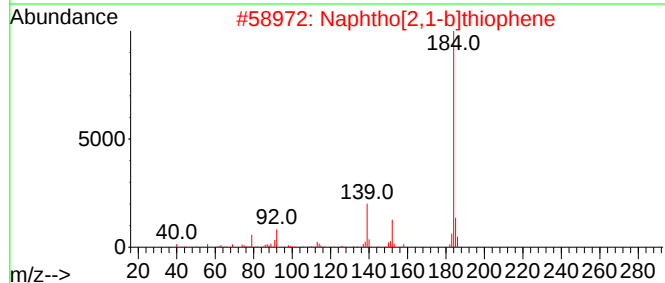
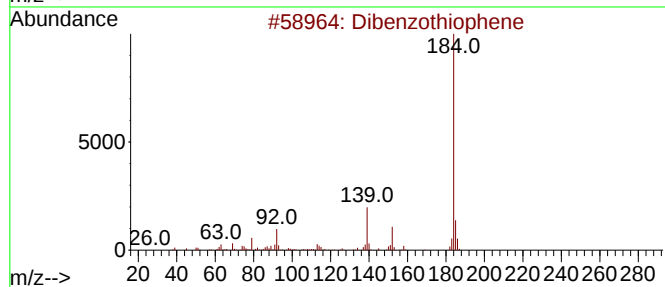
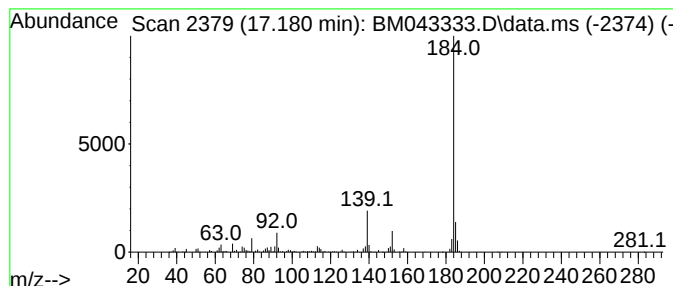
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	3.77 ng/ul	913883	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	97
5			Dibenzothiophene	184	C12H8S	000132-65-0	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
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Instrument :
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ClientSampleId :
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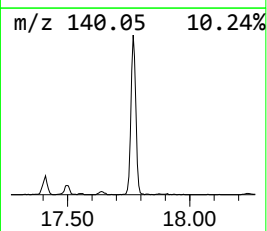
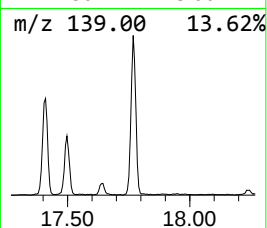
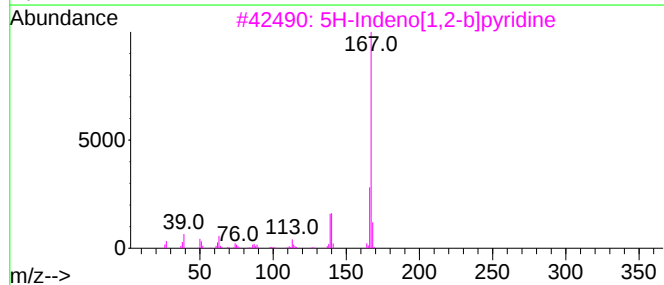
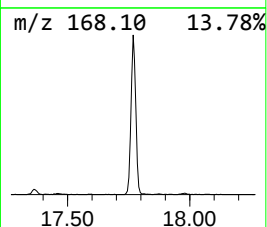
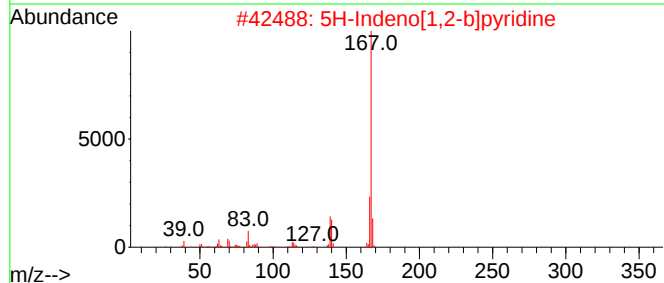
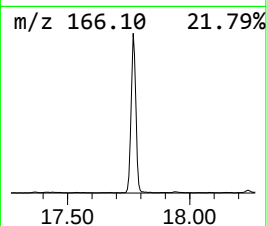
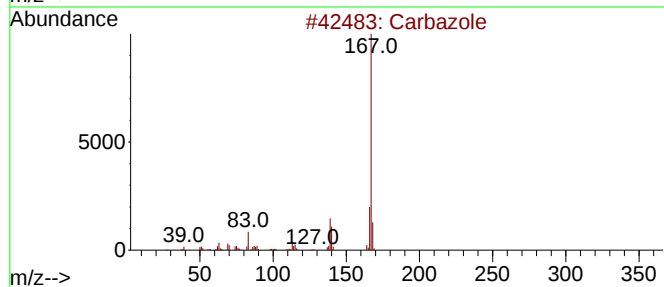
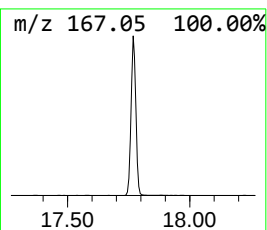
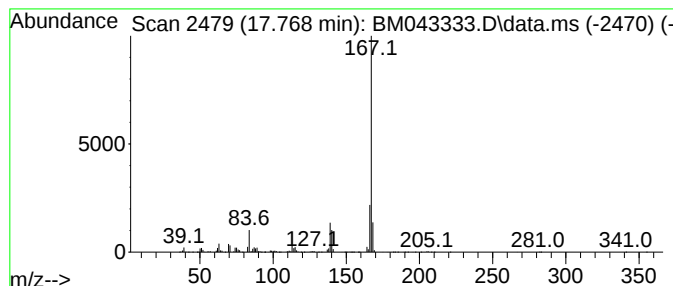
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Carba zole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.768	9.65 ng/ul	2337760	Phenanthrene-d10	17.362

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbazole	167	C12H9N	000086-74-8	96
2		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4		Carbazole	167	C12H9N	000086-74-8	90
5		9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
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Instrument :
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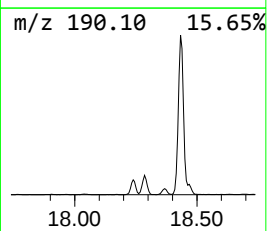
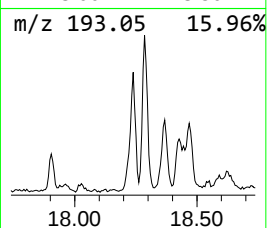
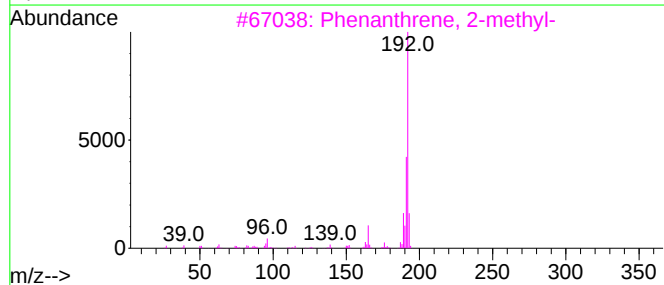
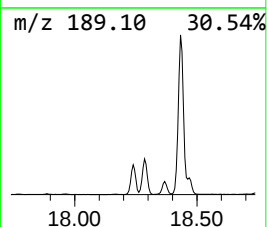
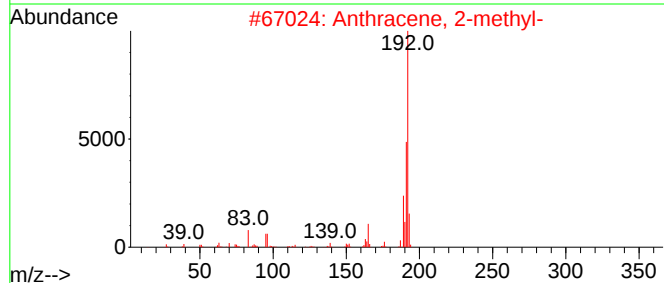
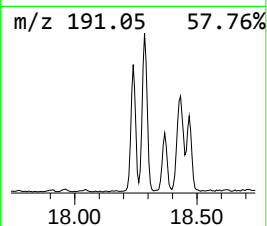
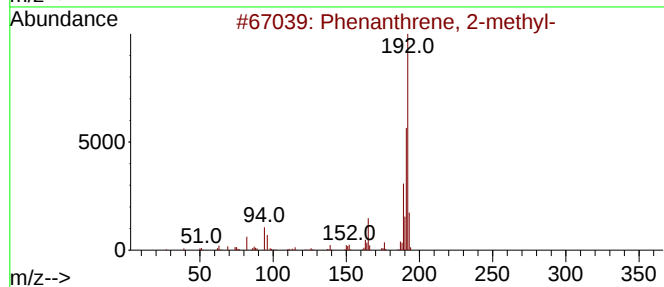
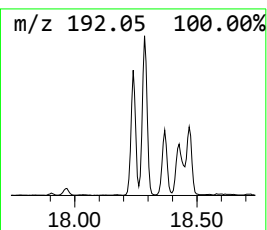
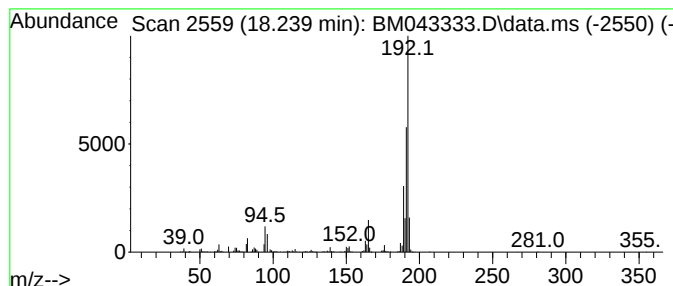
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	2.76 ng/ul	667570	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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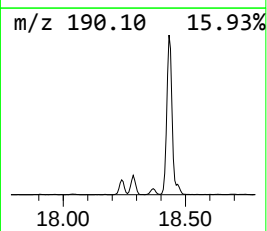
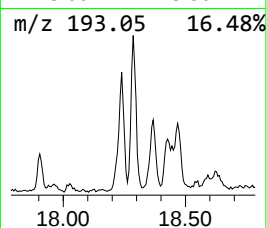
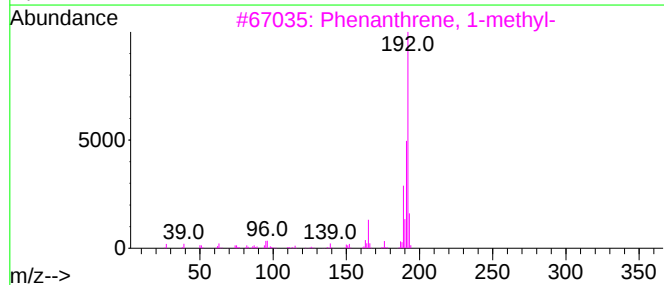
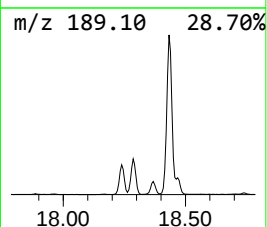
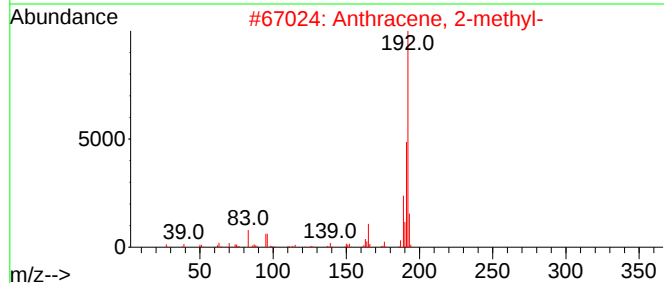
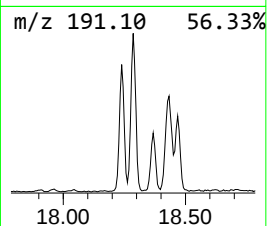
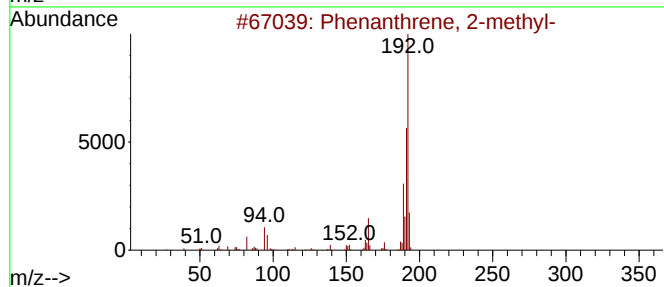
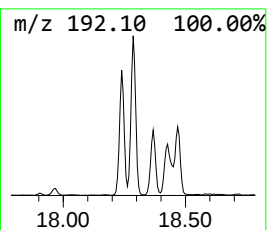
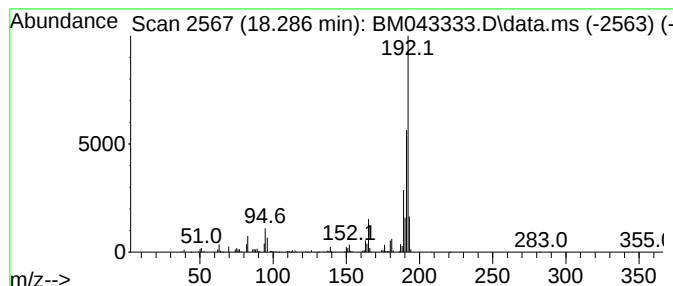
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.24 ng/ul	784100	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
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Instrument :
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ClientSampleId :
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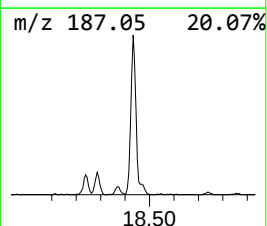
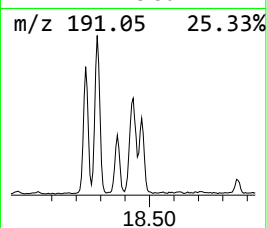
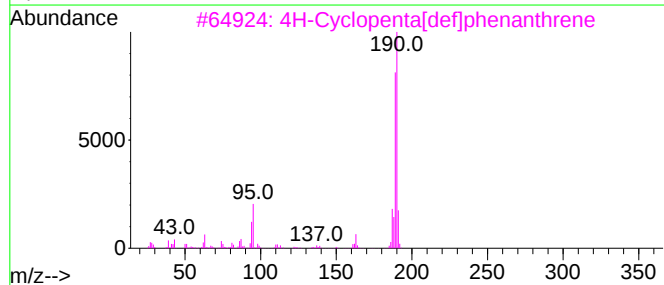
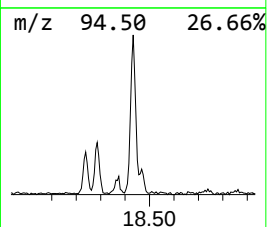
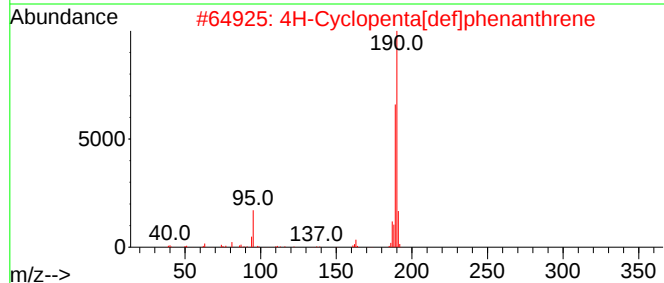
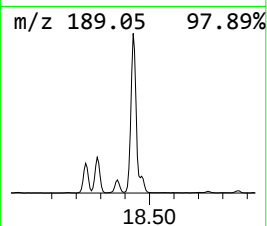
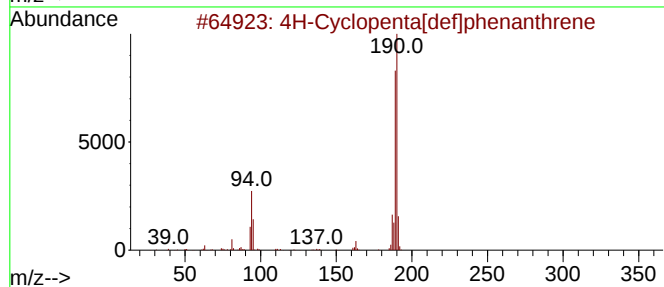
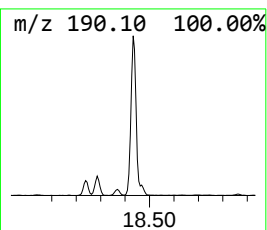
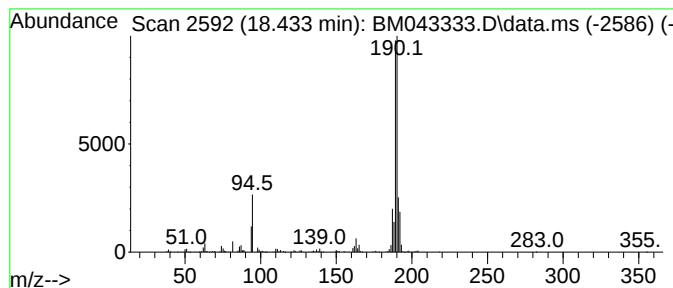
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	5.38 ng/ul	1303450	Phenanthrene-d10	17.362

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4			Methyl diselenide	190	C2H6Se2	007101-31-7	41
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH3DL

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

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

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					#	RT	Resp	Conc
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Dibenzo furan	15.021	11.9	ng/ul	2778190	3	14.621	4657980	20.0
[1,1'-Biphenyl]...	15.962	2.1	ng/ul	482805	3	14.621	4657980	20.0
6H-Dibenzo[b,d]...	16.104	3.0	ng/ul	726686	4	17.362	4844520	20.0
Dibenzothiophene	17.180	3.8	ng/ul	913883	4	17.362	4844520	20.0
Carba zole	17.768	9.7	ng/ul	2337760	4	17.362	4844520	20.0
Phenanthrene, 2...	18.239	2.8	ng/ul	667570	4	17.362	4844520	20.0
Anthracene, 2-m...	18.286	3.2	ng/ul	784100	4	17.362	4844520	20.0
4H-Cyclopenta[d]...	18.433	5.4	ng/ul	1303450	4	17.362	4844520	20.0