

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017979.D
 Acq On : 09 Nov 2023 01:21
 Operator : MA/JU
 Sample : 05060-19
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH5

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_P\Methods\SFAM-EPA-BP110623.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP017979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	24	27	31	rVB4	6912	9036	0.38%	0.033%
2	3.787	117	119	123	rVB	15681	17147	0.71%	0.062%
3	3.858	127	131	137	rVB2	16997	23476	0.98%	0.086%
4	3.975	147	151	157	rBV6	7182	13280	0.55%	0.048%
5	4.905	304	309	314	rBV	17902	26923	1.12%	0.098%
6	7.022	664	669	688	rBV	98825	232660	9.66%	0.848%
7	7.205	694	700	707	rBV	88918	143827	5.97%	0.524%
8	7.375	722	729	740	rBV	123474	215367	8.94%	0.785%
9	7.852	801	810	820	rBV	424127	674659	28.02%	2.458%
10	8.387	895	901	909	rBV3	9910	17555	0.73%	0.064%
11	8.581	927	934	943	rBV	90751	187061	7.77%	0.682%
12	8.711	950	956	968	rVB	128319	225263	9.36%	0.821%
13	9.058	1007	1015	1028	rBV	110452	203671	8.46%	0.742%
14	9.769	1129	1136	1149	rBV	95573	177774	7.38%	0.648%
15	9.946	1159	1166	1177	rBV2	12972	44363	1.84%	0.162%
16	10.140	1194	1199	1207	rBV5	11994	23943	0.99%	0.087%
17	10.305	1221	1227	1241	rVV	111383	256879	10.67%	0.936%
18	10.669	1282	1289	1295	rVV	553095	953311	39.59%	3.474%
19	10.716	1295	1297	1307	rVB	22517	37799	1.57%	0.138%
20	10.857	1316	1321	1332	rBV2	34642	88958	3.69%	0.324%
21	11.722	1460	1468	1475	rVV2	4217	11325	0.47%	0.041%
22	12.228	1549	1554	1557	rBV6	5801	11118	0.46%	0.041%
23	12.334	1567	1572	1577	rBV	19463	32349	1.34%	0.118%
24	12.557	1600	1610	1617	rBV	10400	21039	0.87%	0.077%
25	13.357	1738	1746	1752	rBV	29444	51021	2.12%	0.186%
26	13.469	1759	1765	1773	rVV	4084	11277	0.47%	0.041%
27	13.828	1821	1826	1832	rBV5	9599	19502	0.81%	0.071%
28	13.887	1832	1836	1838	rVV5	6865	12119	0.50%	0.044%
29	13.934	1839	1844	1857	rVV	293494	436626	18.13%	1.591%
30	14.063	1860	1866	1869	rVV4	8911	15756	0.65%	0.057%
31	14.216	1883	1892	1907	rBV2	316229	558417	23.19%	2.035%
32	14.516	1934	1943	1949	rBV	886311	1285911	53.41%	4.686%
33	14.581	1949	1954	1961	rVB	85348	127609	5.30%	0.465%
34	14.704	1971	1975	1981	rBV8	4562	8972	0.37%	0.033%
35	14.798	1985	1991	1993	rBV2	28105	46621	1.94%	0.170%
36	14.922	2006	2012	2016	rBV	37496	60149	2.50%	0.219%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
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37	14.975	2016	2021	2028	rVB	8742	23067	0.96%	0.084%
38	15.293	2068	2075	2079	rBV8	9981	18285	0.76%	0.067%
39	15.510	2107	2112	2118	rBV	428007	619598	25.73%	2.258%
40	15.569	2118	2122	2130	rVB	107898	161270	6.70%	0.588%
41	15.669	2133	2139	2146	rBV3	93711	173212	7.19%	0.631%
42	15.816	2162	2164	2168	rVV3	5940	9111	0.38%	0.033%
43	15.857	2168	2171	2177	rVB2	19312	28040	1.16%	0.102%
44	16.010	2191	2197	2200	rBV3	18689	35190	1.46%	0.128%
45	16.104	2209	2213	2217	rVB7	8815	12025	0.50%	0.044%
46	16.169	2219	2224	2227	rVV	25677	40095	1.67%	0.146%
47	16.198	2227	2229	2236	rVV2	15408	24136	1.00%	0.088%
48	16.281	2239	2243	2248	rBV2	15072	21084	0.88%	0.077%
49	16.575	2284	2293	2296	rVB2	18160	35612	1.48%	0.130%
50	16.628	2298	2302	2304	rVV4	9515	11452	0.48%	0.042%
51	16.798	2328	2331	2334	rVV5	11032	15610	0.65%	0.057%
52	16.834	2334	2337	2339	rVV4	9540	13129	0.55%	0.048%
53	16.863	2339	2342	2345	rVB3	11513	16536	0.69%	0.060%
54	16.928	2349	2353	2354	rBV4	12472	15940	0.66%	0.058%
55	16.963	2355	2359	2362	rVV3	28818	42245	1.75%	0.154%
56	16.998	2362	2365	2374	rVB4	28006	50558	2.10%	0.184%
57	17.110	2379	2384	2391	rVB	38713	58859	2.44%	0.214%
58	17.204	2397	2400	2405	rVB3	9681	12287	0.51%	0.045%
59	17.287	2408	2414	2418	rVV	1089569	1539487	63.94%	5.610%
60	17.328	2418	2421	2426	rVV	562899	792672	32.92%	2.888%
61	17.387	2426	2431	2434	rVV2	452536	637789	26.49%	2.324%
62	17.422	2434	2437	2446	rVV	350532	520761	21.63%	1.898%
63	17.504	2447	2451	2456	rVB	30675	47496	1.97%	0.173%
64	17.716	2479	2487	2495	rBV	103715	196539	8.16%	0.716%
65	17.804	2499	2502	2506	rVV2	15436	21630	0.90%	0.079%
66	17.869	2510	2513	2516	rBV5	12194	14091	0.59%	0.051%
67	18.134	2554	2558	2565	rBV2	100994	219481	9.12%	0.800%
68	18.198	2565	2569	2579	rVB	75165	119319	4.96%	0.435%
69	18.287	2579	2584	2588	rBV	59490	83592	3.47%	0.305%
70	18.345	2588	2594	2598	rBV2	205927	316685	13.15%	1.154%
71	18.386	2598	2601	2604	rVB4	31286	39310	1.63%	0.143%
72	18.639	2641	2644	2650	rVB	53613	68409	2.84%	0.249%
73	18.710	2652	2656	2658	rBV	50338	56900	2.36%	0.207%
74	18.957	2695	2698	2702	rBV	51061	65710	2.73%	0.239%
75	19.039	2708	2712	2716	rVB3	38537	57801	2.40%	0.211%
76	19.204	2736	2740	2749	rVB2	114873	199316	8.28%	0.726%

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77	19.310	2752	2758	2764	rVB	1601677	2118280	87.98%	7.719%
78	19.551	2795	2799	2806	rVB3	66641	141572	5.88%	0.516%
79	19.633	2807	2813	2816	rBV2	770969	1301486	54.05%	4.743%
80	19.669	2816	2819	2825	rVV	1388575	1707337	70.91%	6.221%
81	19.728	2826	2829	2833	rVB2	59482	80695	3.35%	0.294%
82	19.839	2844	2848	2852	rVB	97977	114453	4.75%	0.417%
83	19.922	2858	2862	2865	rBV	50738	59476	2.47%	0.217%
84	19.975	2866	2871	2879	rVB3	104908	232394	9.65%	0.847%
85	20.145	2897	2900	2905	rVB	196724	251616	10.45%	0.917%
86	20.245	2913	2917	2920	rBV	189041	229476	9.53%	0.836%
87	20.304	2920	2927	2930	rVV2	104537	224018	9.30%	0.816%
88	20.333	2930	2932	2936	rVB	49295	46789	1.94%	0.170%
89	20.439	2947	2950	2954	rBV	97474	115652	4.80%	0.421%
90	20.486	2955	2958	2965	rVB	70442	105990	4.40%	0.386%
91	21.051	3050	3054	3057	rBV	192124	281703	11.70%	1.027%
92	21.086	3057	3060	3064	rVV2	186480	255882	10.63%	0.932%
93	21.128	3064	3067	3072	rVB2	119463	161309	6.70%	0.588%
94	21.404	3108	3114	3118	rBV2	1345011	2407720	100.00%	8.774%
95	21.445	3118	3121	3126	rVB	678183	830737	34.50%	3.027%
96	23.122	3400	3406	3411	rBV	447127	1077342	44.75%	3.926%
97	23.663	3494	3498	3503	rBV	233257	451837	18.77%	1.646%
98	23.722	3504	3508	3513	rVV	353989	655783	27.24%	2.390%
99	23.774	3514	3517	3524	rVB2	230340	410315	17.04%	1.495%
100	23.886	3530	3536	3543	rBV	746194	1463847	60.80%	5.334%

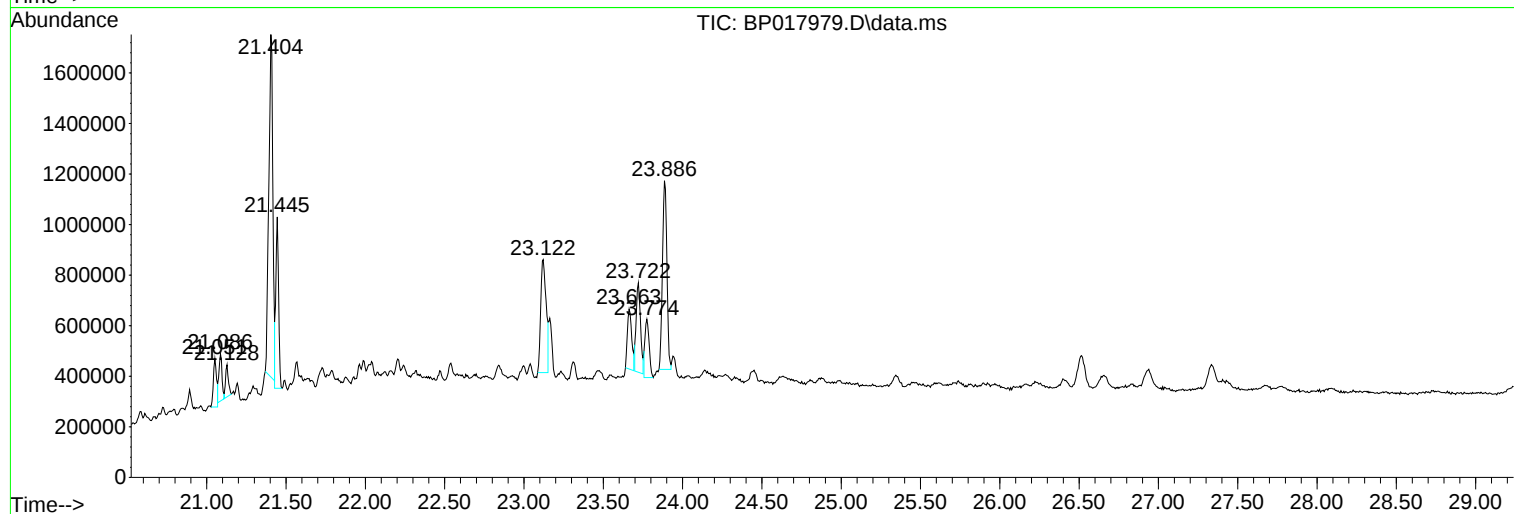
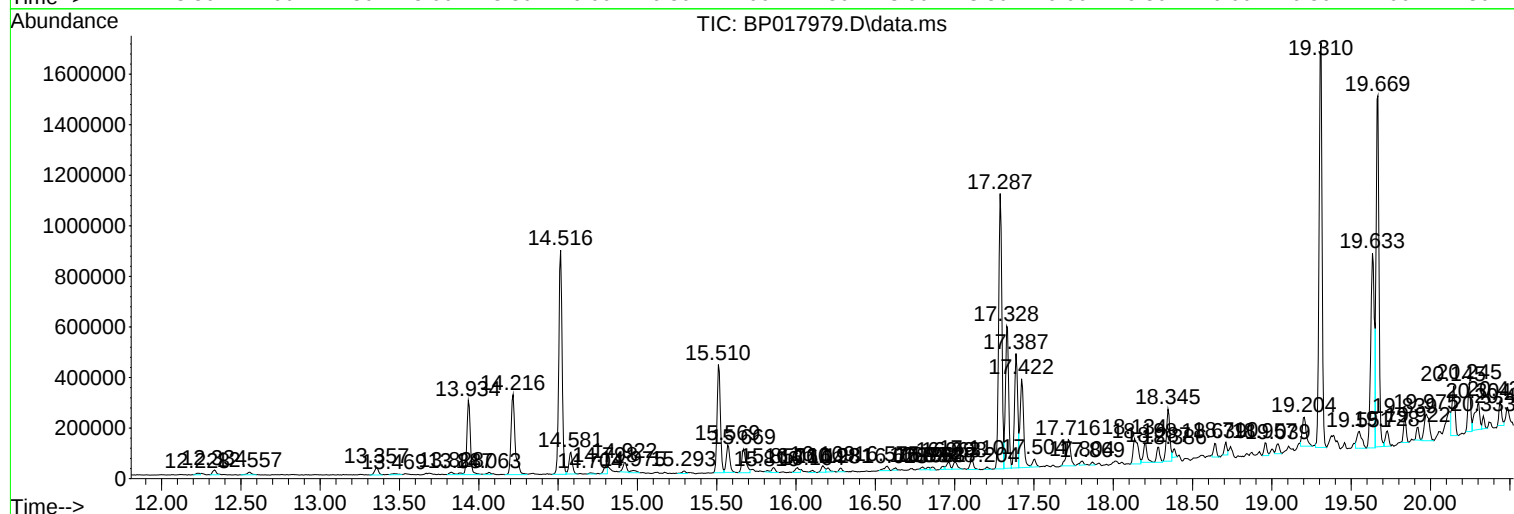
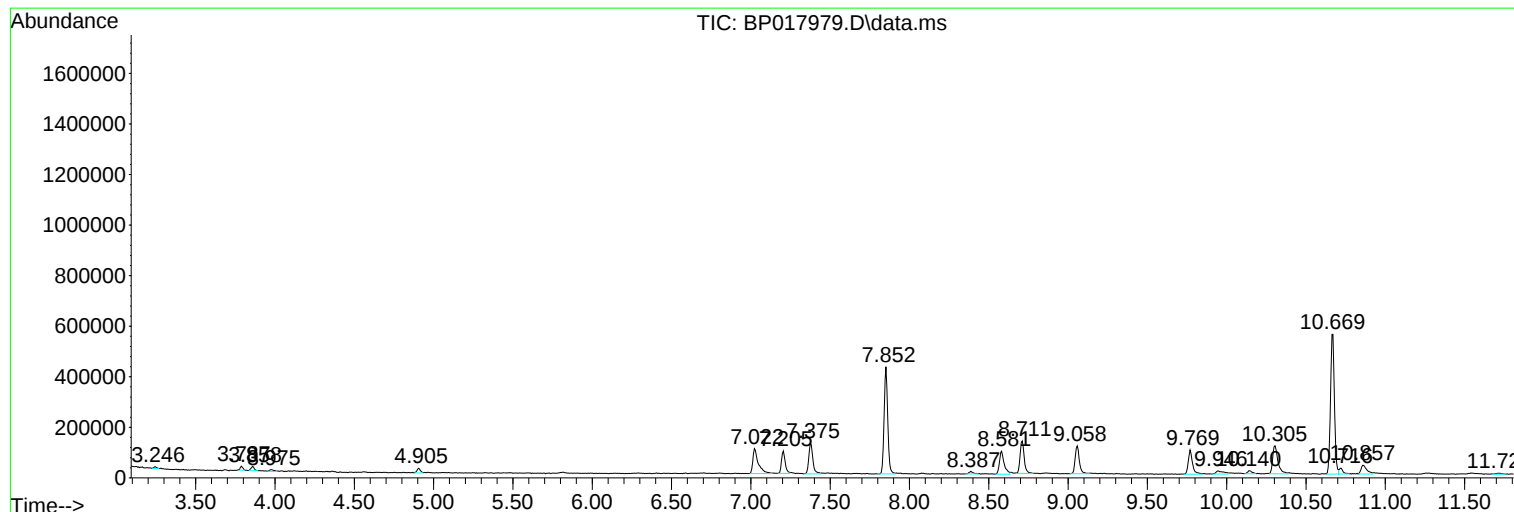
Sum of corrected areas: 27442801

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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



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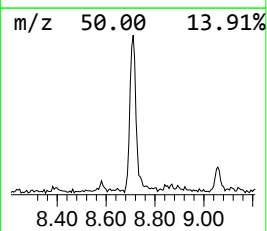
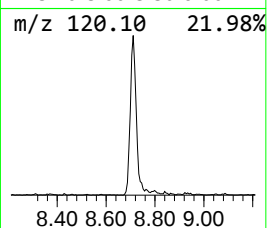
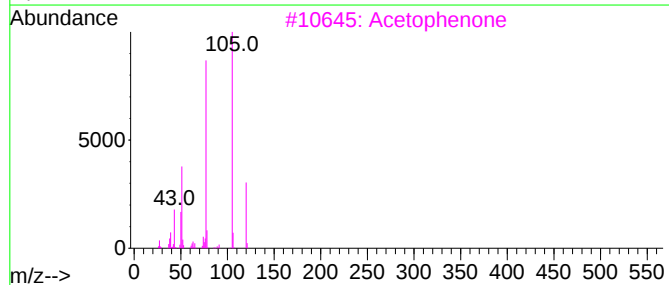
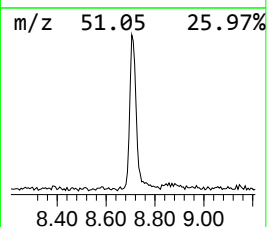
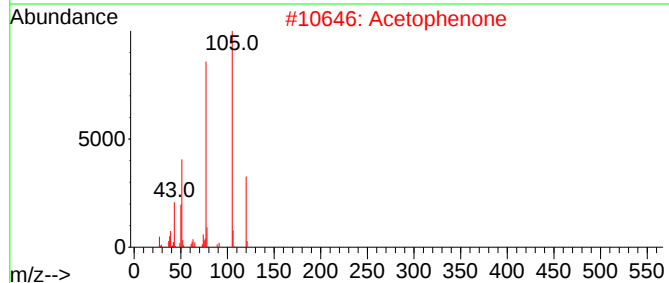
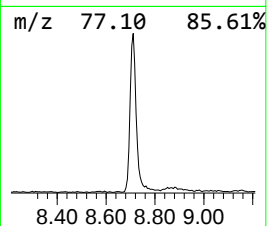
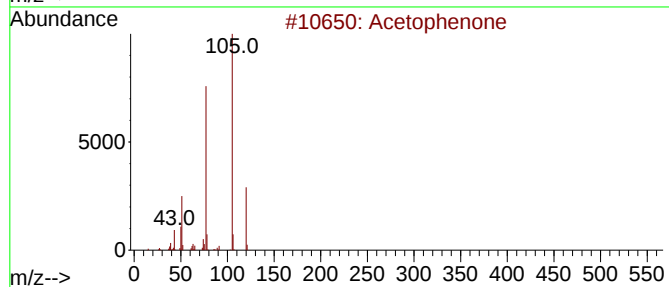
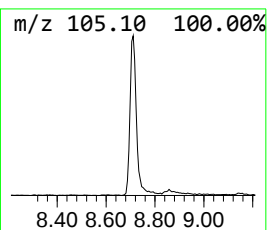
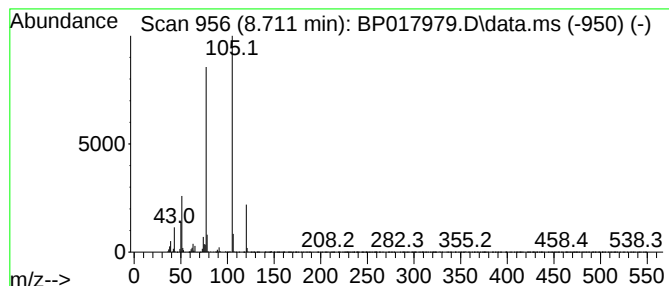
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Aceto phenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.711	6.68 ng/ul	225263	1,4-Dichlorobenzene-d4	7.852

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone			120	C8H8O	000098-86-2	95
2	Acetophenone			120	C8H8O	000098-86-2	94
3	Acetophenone			120	C8H8O	000098-86-2	93
4	Acetophenone			120	C8H8O	000098-86-2	91
5	Acetophenone			120	C8H8O	000098-86-2	91



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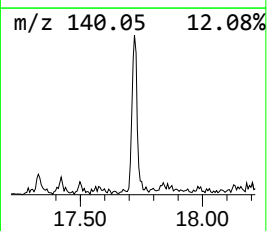
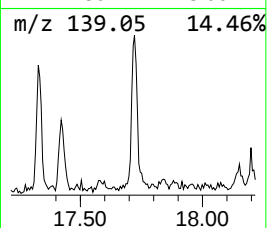
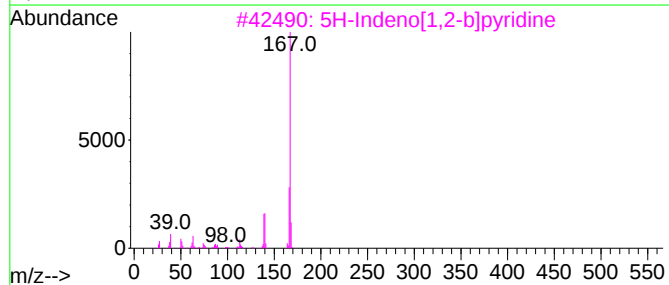
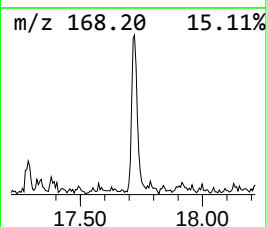
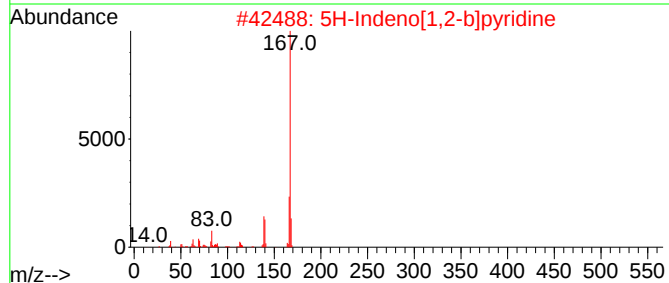
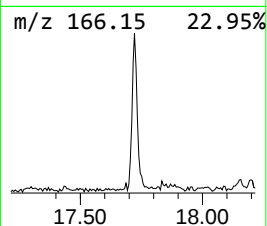
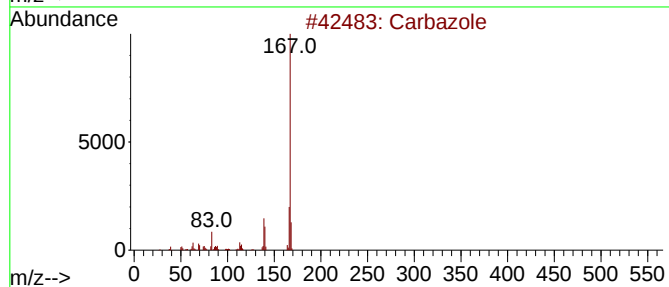
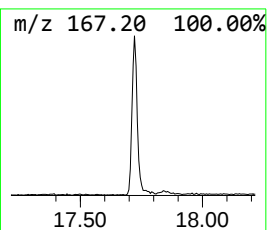
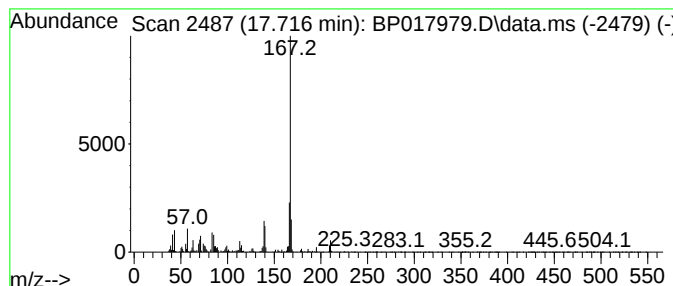
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Carba zole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	2.55 ng/ul	196539	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbazole	167	C12H9N	000086-74-8	95
2			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4			ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	93
5			9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90



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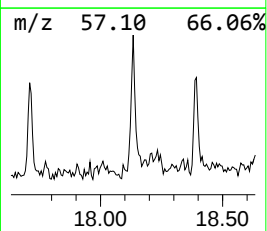
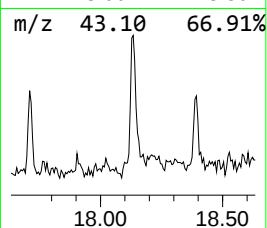
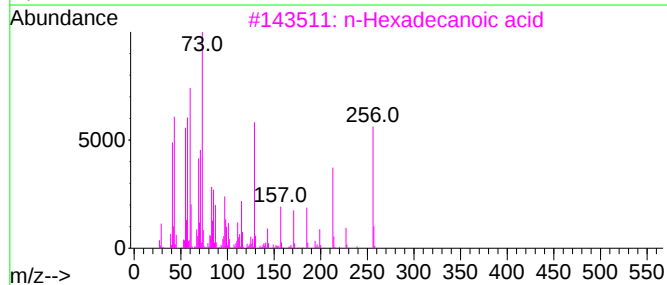
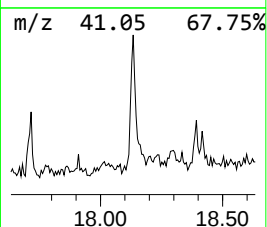
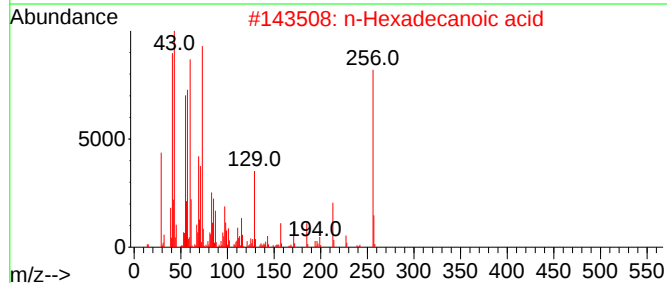
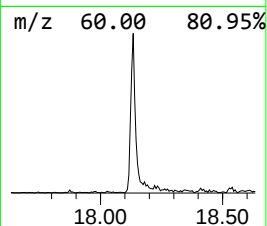
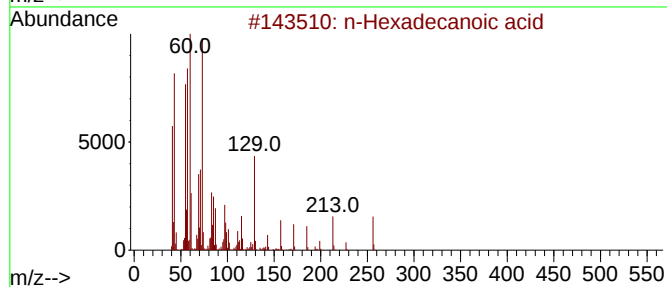
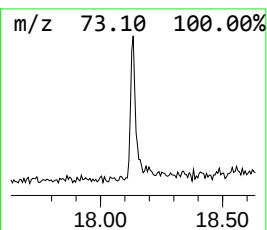
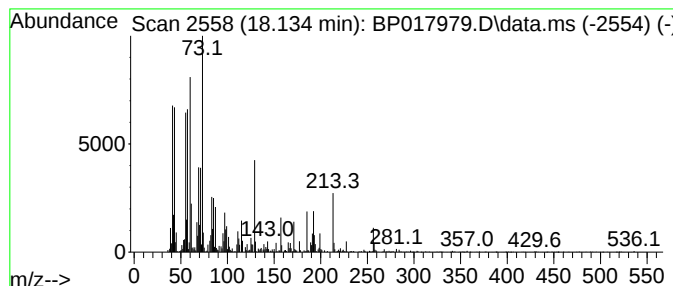
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	2.85 ng/ul	219481	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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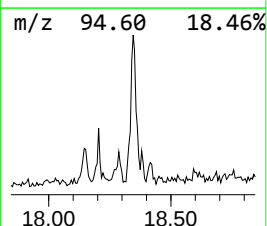
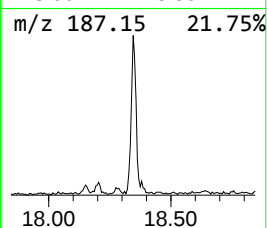
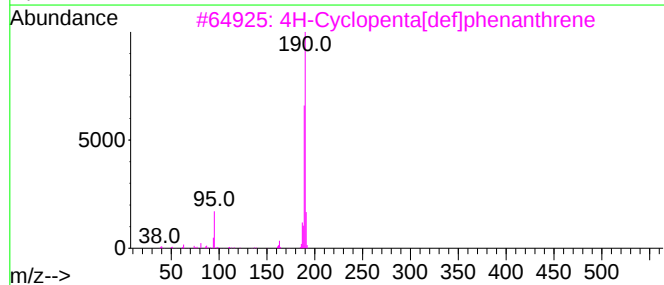
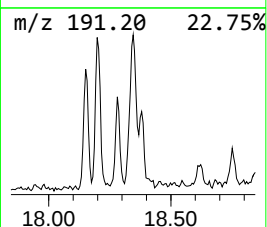
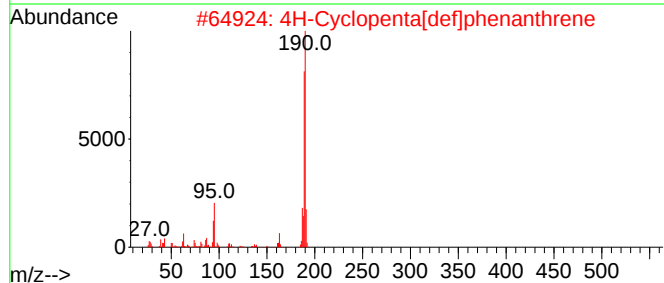
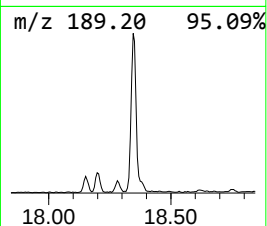
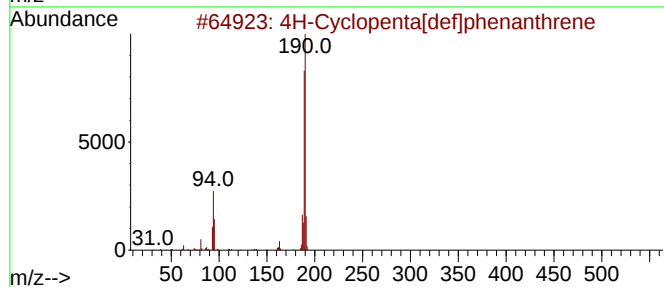
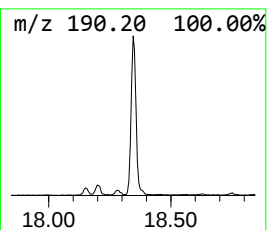
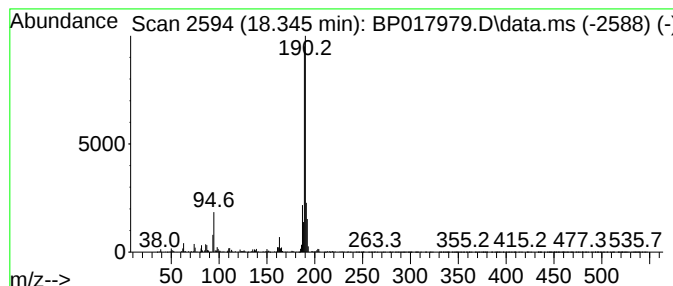
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	4.11 ng/ul	316685	Phenanthrene-d10	17.287

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4			Methyl diselenide	190	C2H6Se2	007101-31-7	55
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

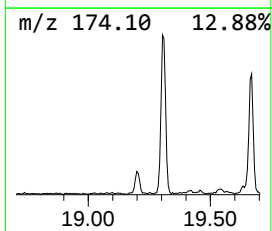
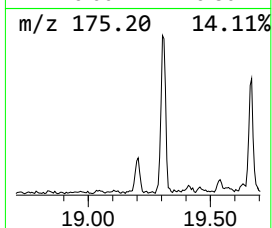
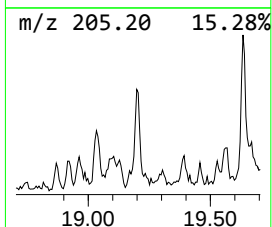
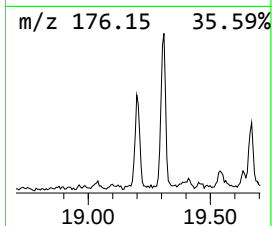
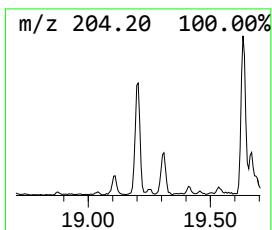
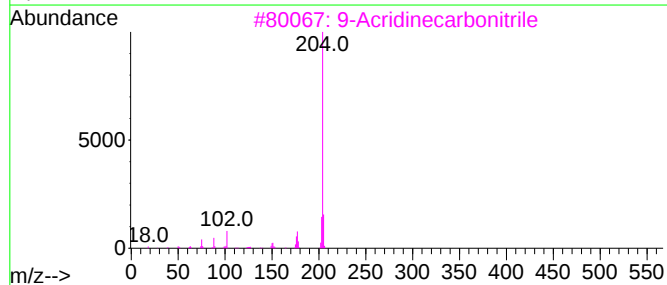
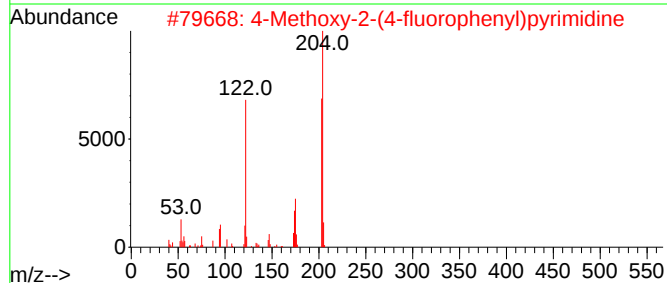
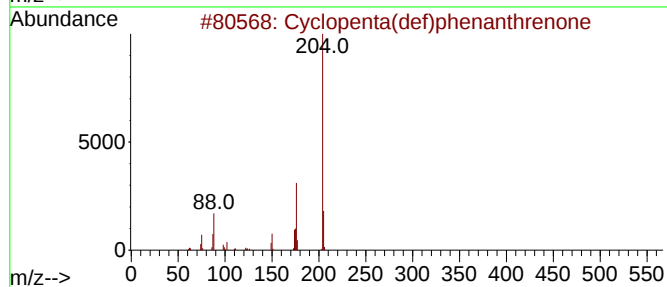
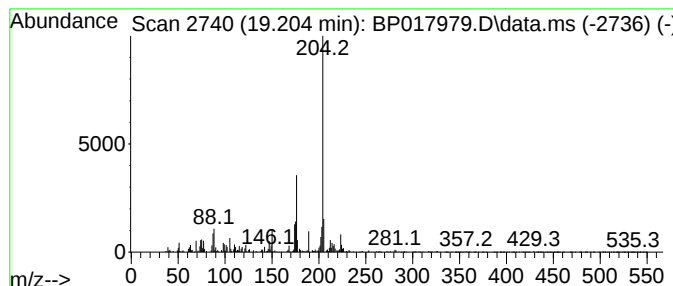
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.204	2.59 ng/ul	199316	Phenanthrene-d10	17.287	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	4-Methoxy-2-(4-fluorophenyl)pyri...	204	C11H9FN2O	076128-75-1	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	Etilefrin, N-pentafluoropropiony...	619	C19H12F15NO5	1000417-50-7	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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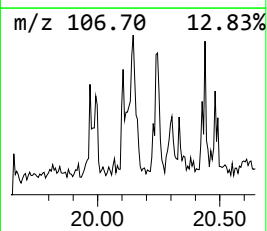
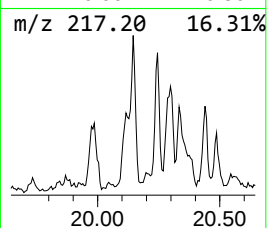
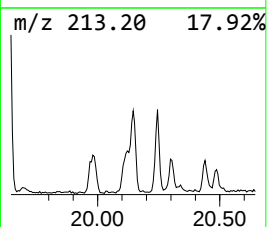
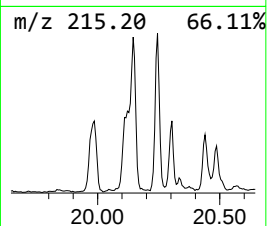
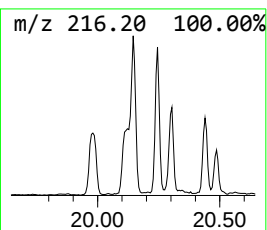
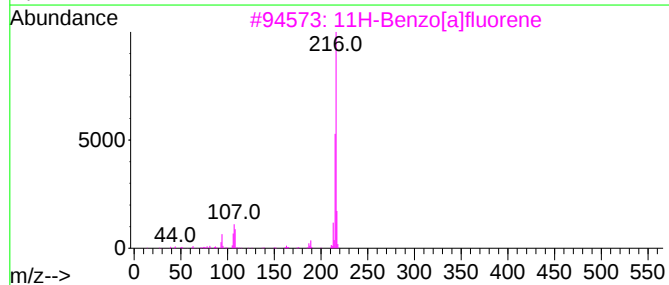
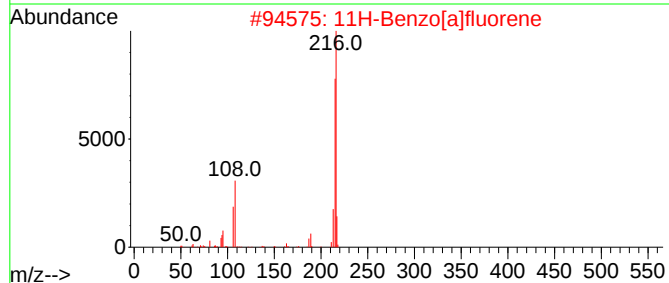
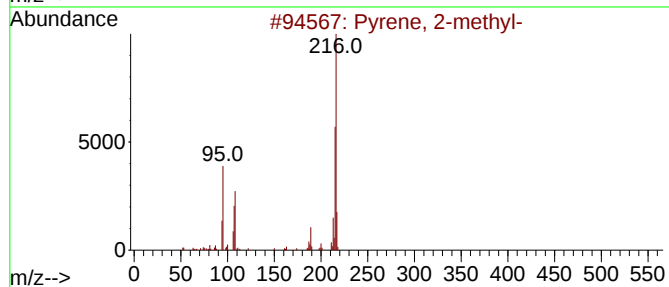
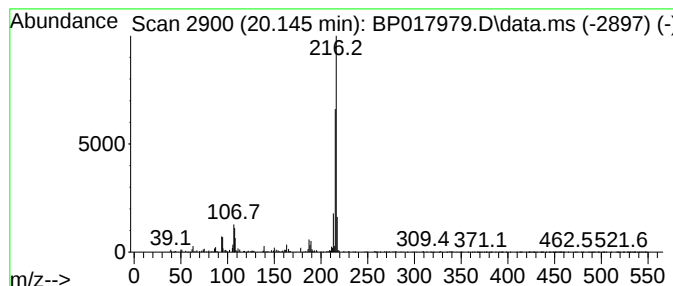
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.09 ng/ul	251616	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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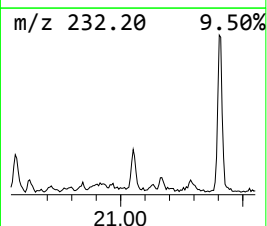
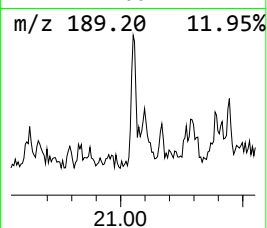
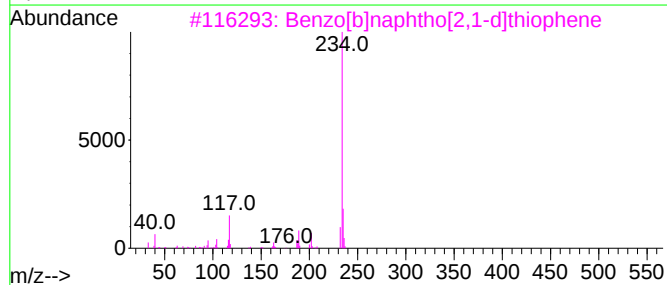
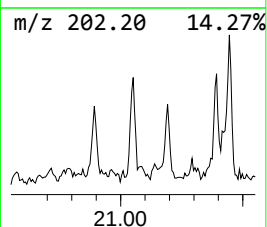
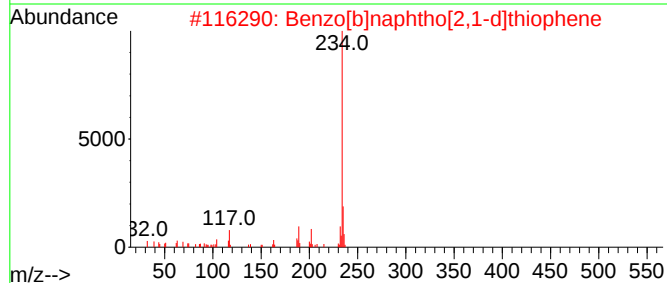
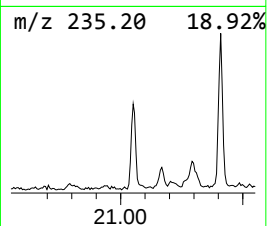
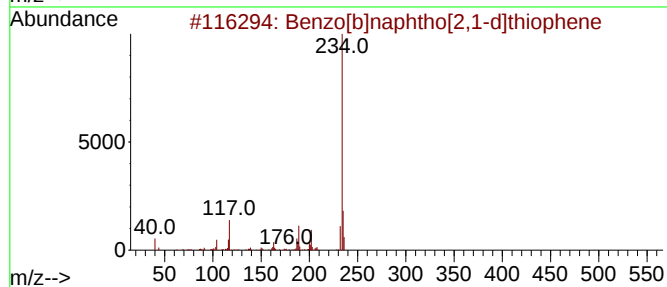
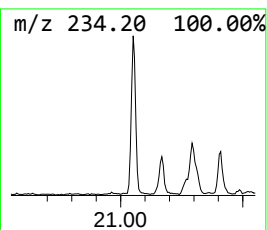
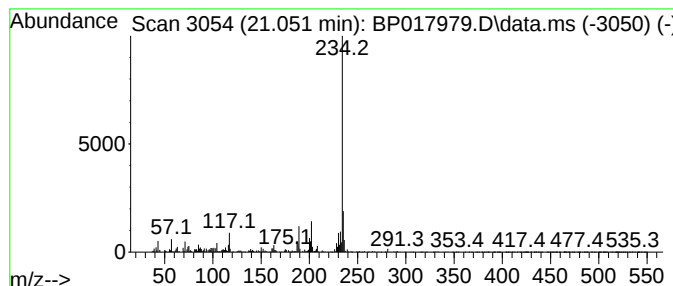
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.34 ng/ul	281703	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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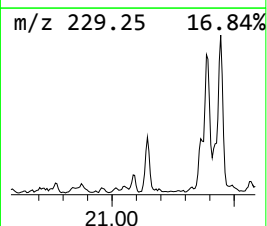
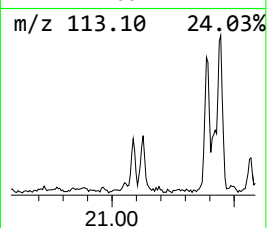
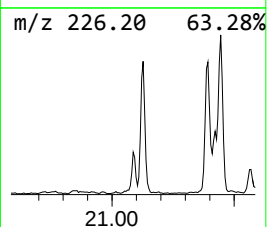
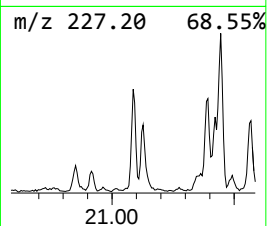
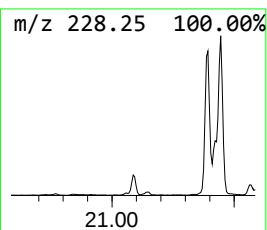
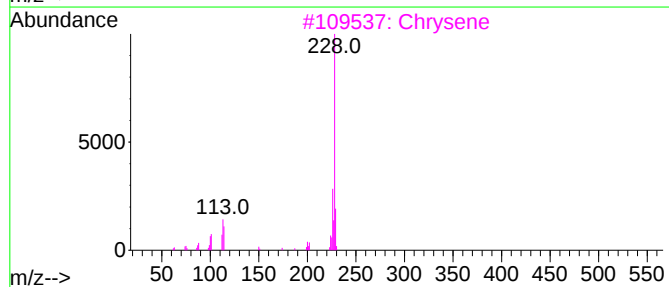
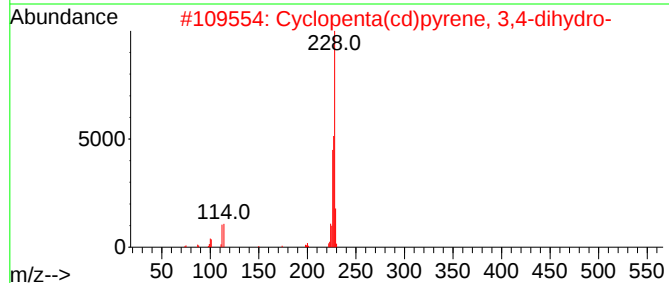
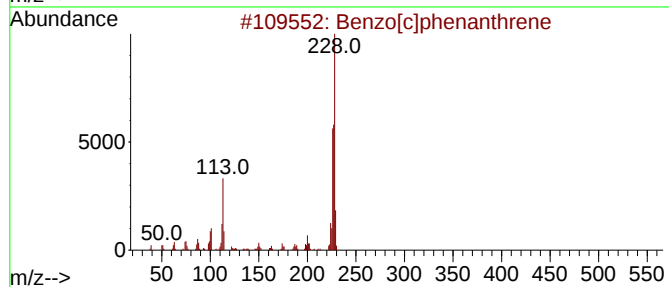
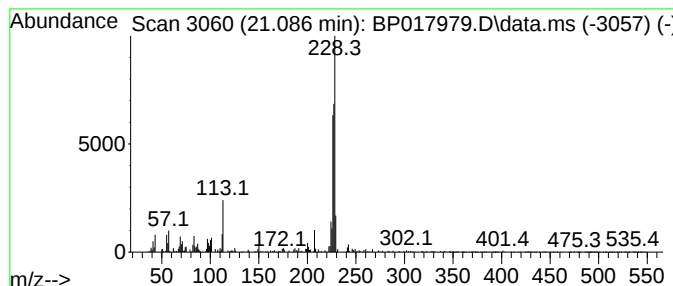
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[c]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.13 ng/ul	255882	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene	228	C18H12	000195-19-7	86
2			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
3			Chrysene	228	C18H12	000218-01-9	50
4			Chrysene	228	C18H12	000218-01-9	49
5			5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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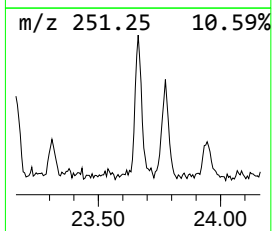
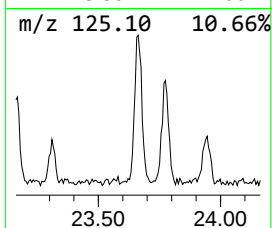
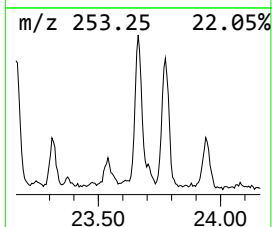
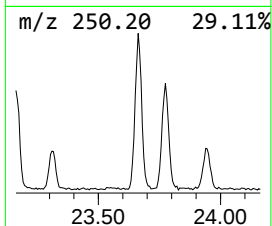
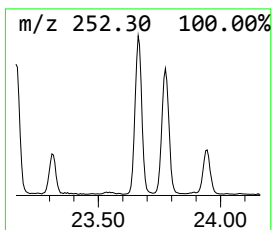
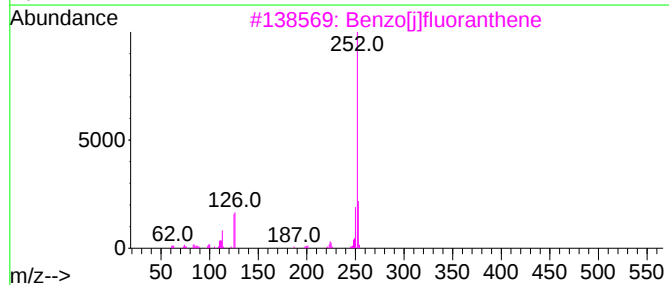
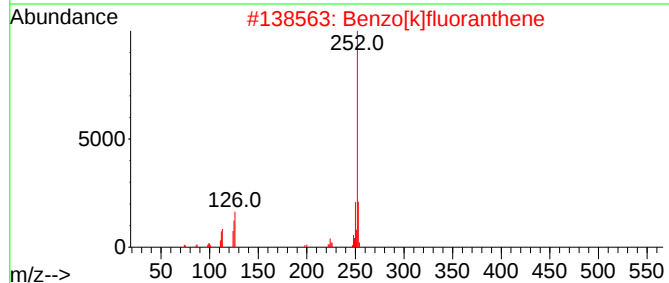
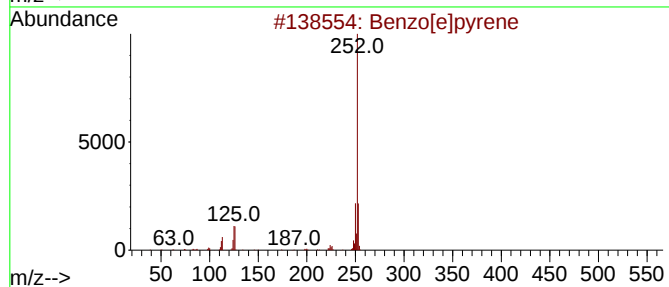
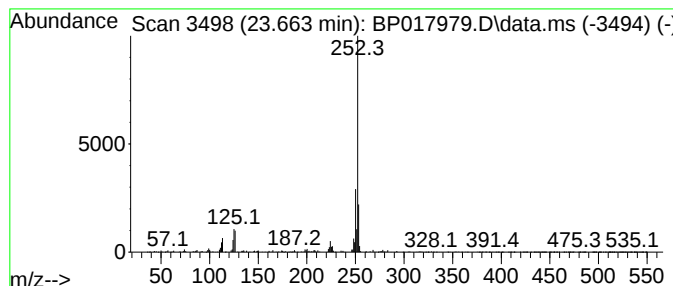
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.663	6.17 ng/ul	451837	Perylene-d12	23.886

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[j]fluoranthene	252	C20H12	000205-82-3	95
4			Perylene	252	C20H12	000198-55-0	95
5			Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017979.D
Acq On : 09 Nov 2023 01:21
Operator : MA/JU
Sample : 05060-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.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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Carba zole	17.716	2.5	ng/ul	196539	4	17.287	1539490	20.0
n-Hexadecanoic ...	18.134	2.9	ng/ul	219481	4	17.287	1539490	20.0
4H-Cyclopenta[d...]	18.345	4.1	ng/ul	316685	4	17.287	1539490	20.0
Cyclopenta(def)...	19.204	2.6	ng/ul	199316	4	17.287	1539490	20.0
Pyrene, 2-methyl-	20.145	2.1	ng/ul	251616	5	21.404	2407720	20.0
Benzo[b]naphtho...	21.051	2.3	ng/ul	281703	5	21.404	2407720	20.0
Benzo[c]phenant...	21.086	2.1	ng/ul	255882	5	21.404	2407720	20.0
Benzo[e]pyrene	23.663	6.2	ng/ul	451837	6	23.886	1463850	20.0