

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031979.D
 Acq On : 13 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2663-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC46

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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.446	74	78	90	rVB	127294	190611	2.26%	0.145%
2	3.587	99	102	114	rBV	302218	444048	5.27%	0.337%
3	4.793	298	307	318	rBV	153580	241960	2.87%	0.184%
4	6.834	643	654	668	rBV	1323393	2313205	27.47%	1.757%
5	6.999	676	682	695	rVB	1125860	1763931	20.95%	1.340%
6	7.193	704	715	723	rBV	1401658	2239397	26.59%	1.701%
7	7.658	782	794	801	rVV	1254986	2014724	23.93%	1.530%
8	8.369	907	915	924	rBV	1597088	2694856	32.00%	2.047%
9	8.481	929	934	942	rVV	182097	305000	3.62%	0.232%
10	8.816	983	991	998	rVV	1284872	2150475	25.54%	1.633%
11	9.381	1080	1087	1098	rVB	95055	166453	1.98%	0.126%
12	9.528	1104	1112	1124	rBV	1023961	1788195	21.24%	1.358%
13	10.063	1196	1203	1215	rVV	1589146	2762978	32.81%	2.099%
14	10.440	1256	1267	1273	rBV	1726611	2952772	35.07%	2.243%
15	10.487	1273	1275	1282	rVB	87728	125544	1.49%	0.095%
16	10.581	1282	1291	1311	rBV	919586	1744994	20.72%	1.325%
17	11.187	1387	1394	1406	rBV	169430	394209	4.68%	0.299%
18	12.110	1544	1551	1559	rVB	60135	109186	1.30%	0.083%
19	12.328	1583	1588	1596	rVV	64623	108784	1.29%	0.083%
20	13.122	1716	1723	1730	rVV2	56563	119233	1.42%	0.091%
21	13.622	1802	1808	1812	rBV	87174	146831	1.74%	0.112%
22	13.716	1819	1824	1833	rVB	2600531	3717325	44.15%	2.824%
23	13.993	1859	1871	1890	rBV	2972033	5145394	61.11%	3.908%
24	14.304	1913	1924	1930	rBV	2302533	3600816	42.76%	2.735%
25	14.363	1930	1934	1942	rVB2	94188	185471	2.20%	0.141%
26	14.522	1954	1961	1971	rBV	887043	1553899	18.45%	1.180%
27	14.704	1988	1992	1996	rVB	69086	111010	1.32%	0.084%
28	14.922	2022	2029	2034	rBV4	53842	111104	1.32%	0.084%
29	15.093	2050	2058	2062	rBV5	56115	113854	1.35%	0.086%
30	15.298	2086	2093	2099	rBV	3646468	5297065	62.91%	4.024%
31	15.351	2099	2102	2106	rVB3	101026	133387	1.58%	0.101%
32	15.434	2110	2116	2121	rBV	590063	830632	9.86%	0.631%
33	15.646	2148	2152	2159	rVB	66540	109025	1.29%	0.083%
34	15.798	2170	2178	2185	rVB3	62424	145058	1.72%	0.110%
35	16.034	2211	2218	2223	rBV4	117837	264119	3.14%	0.201%
36	16.357	2265	2273	2278	rBV4	66284	161215	1.91%	0.122%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	16.587	2305	2312	2316	rBV3	69181	144114	1.71%	0.109%
38	16.710	2328	2333	2340	rVB2	148393	233711	2.78%	0.178%
39	16.869	2356	2360	2369	rVB	131715	216874	2.58%	0.165%
40	17.051	2385	2391	2395	rBV	2290245	3349147	39.77%	2.544%
41	17.093	2395	2398	2403	rVV	2183898	2936285	34.87%	2.230%
42	17.151	2403	2408	2412	rVV	3323533	4761987	56.55%	3.617%
43	17.187	2412	2414	2419	rVV	515628	582182	6.91%	0.442%
44	17.240	2419	2423	2429	rVB3	77734	143221	1.70%	0.109%
45	17.463	2453	2461	2472	rBV2	177188	396497	4.71%	0.301%
46	17.575	2477	2480	2486	rVV2	93148	148175	1.76%	0.113%
47	17.634	2486	2490	2498	rVB4	111796	186313	2.21%	0.142%
48	17.928	2535	2540	2542	rBV	440433	644015	7.65%	0.489%
49	17.957	2542	2545	2546	rBV	317348	349824	4.15%	0.266%
50	18.057	2558	2562	2567	rVB	158958	214973	2.55%	0.163%
51	18.122	2567	2573	2577	rBV2	562473	1048817	12.46%	0.797%
52	18.157	2577	2579	2589	rVB	348258	430885	5.12%	0.327%
53	18.245	2589	2594	2597	rBV2	110216	159514	1.89%	0.121%
54	18.322	2604	2607	2612	rVB3	73207	111864	1.33%	0.085%
55	18.434	2621	2626	2630	rBV	318935	424561	5.04%	0.322%
56	18.481	2630	2634	2639	rVB	300094	423074	5.02%	0.321%
57	18.681	2664	2668	2672	rVV	131149	205436	2.44%	0.156%
58	18.728	2672	2676	2680	rVV	180873	254264	3.02%	0.193%
59	18.769	2680	2683	2687	rVB	149382	186330	2.21%	0.142%
60	18.851	2692	2697	2702	rBV	399992	741118	8.80%	0.563%
61	18.945	2710	2713	2716	rVB	144650	171279	2.03%	0.130%
62	18.992	2716	2721	2733	rBV2	325381	724626	8.61%	0.550%
63	19.116	2735	2742	2749	rVB	4679937	6362015	75.55%	4.833%
64	19.181	2749	2753	2756	rBV	119846	156926	1.86%	0.119%
65	19.216	2756	2759	2761	rBV2	104821	137153	1.63%	0.104%
66	19.239	2761	2763	2765	rVV	181450	198979	2.36%	0.151%
67	19.269	2765	2768	2772	rVB	230630	291211	3.46%	0.221%
68	19.451	2793	2799	2802	rBV2	3531541	5431837	64.51%	4.126%
69	19.481	2802	2804	2812	rVV	3713562	4766482	56.61%	3.621%
70	19.557	2812	2817	2822	rVB3	280419	414552	4.92%	0.315%
71	19.663	2831	2835	2841	rVB	250169	360660	4.28%	0.274%
72	19.722	2841	2845	2850	rVB3	151076	249658	2.96%	0.190%
73	19.804	2852	2859	2861	rBV4	418460	873227	10.37%	0.663%
74	19.939	2877	2882	2884	rBV3	345735	527974	6.27%	0.401%
75	19.981	2886	2889	2896	rVB	656273	942629	11.19%	0.716%
76	20.081	2902	2906	2909	rBV2	348220	440416	5.23%	0.335%

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77	20.134	2910	2915	2920	rVV2	550712	936755	11.12%	0.712%
78	20.216	2927	2929	2935	rBV4	75434	124094	1.47%	0.094%
79	20.281	2936	2940	2943	rBV	311447	426265	5.06%	0.324%
80	20.328	2943	2948	2951	rVV	315284	444727	5.28%	0.338%
81	20.733	3012	3017	3024	rVB	604111	899758	10.69%	0.683%
82	20.898	3041	3045	3049	rVV2	363583	559695	6.65%	0.425%
83	20.939	3049	3052	3055	rVV	446656	530631	6.30%	0.403%
84	20.981	3055	3059	3065	rVV3	916990	1589009	18.87%	1.207%
85	21.045	3066	3070	3081	rVB	626330	1098298	13.04%	0.834%
86	21.198	3093	3096	3100	rVB	489088	584905	6.95%	0.444%
87	21.281	3104	3110	3116	rVV3	3406244	8420451	100.00%	6.396%
88	21.333	3116	3119	3130	rVB	2728531	4149760	49.28%	3.152%
89	21.475	3139	3143	3149	rBV5	264561	576054	6.84%	0.438%
90	21.539	3150	3154	3160	rVV	312382	511681	6.08%	0.389%
91	21.963	3223	3226	3232	rVB	545540	789500	9.38%	0.600%
92	22.033	3233	3238	3248	rVV4	416411	923602	10.97%	0.702%
93	22.210	3265	3268	3272	rVB	208673	268495	3.19%	0.204%
94	23.298	3445	3453	3460	rBV3	2323901	7086504	84.16%	5.383%
95	23.527	3487	3492	3502	rVB	482874	1038423	12.33%	0.789%
96	23.951	3558	3564	3569	rBV2	542655	1282415	15.23%	0.974%
97	24.022	3570	3576	3581	rVV2	1284714	2972610	35.30%	2.258%
98	24.086	3582	3587	3599	rVB	1402904	3241159	38.49%	2.462%
99	24.222	3603	3610	3618	rBV	1251764	3040376	36.11%	2.309%
100	27.527	4162	4172	4195	rVB3	751427	3553585	42.20%	2.699%

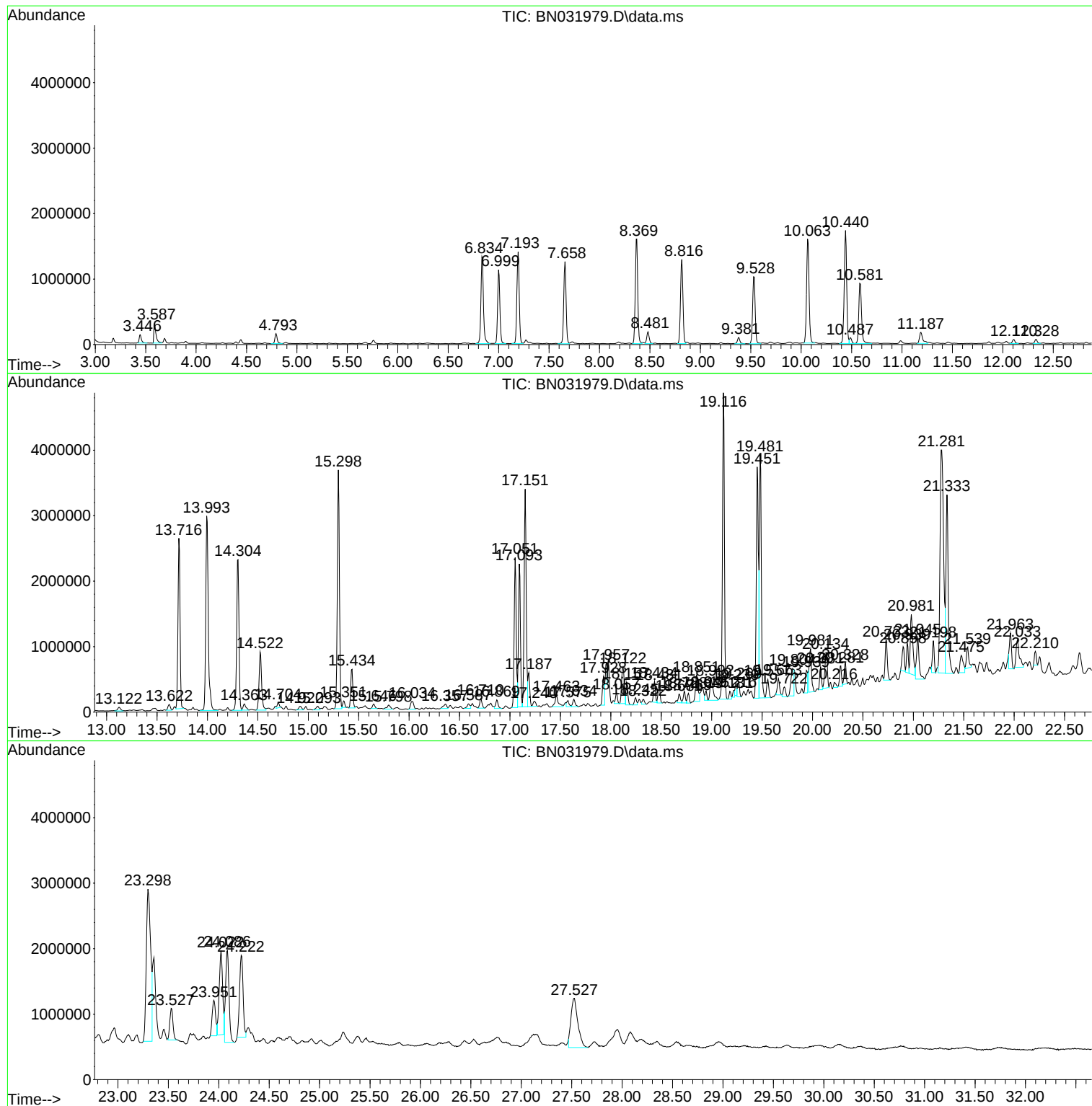
Sum of corrected areas: 131648317

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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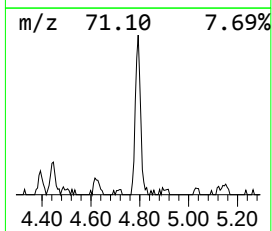
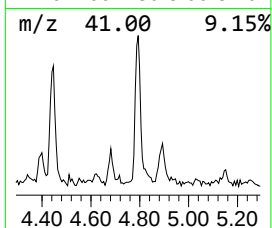
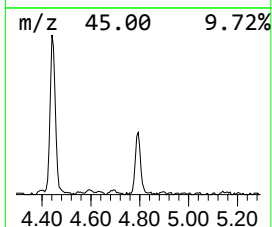
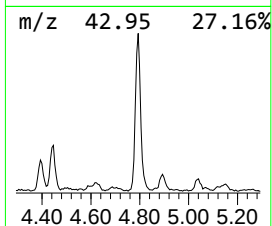
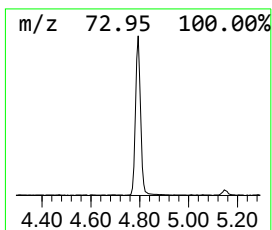
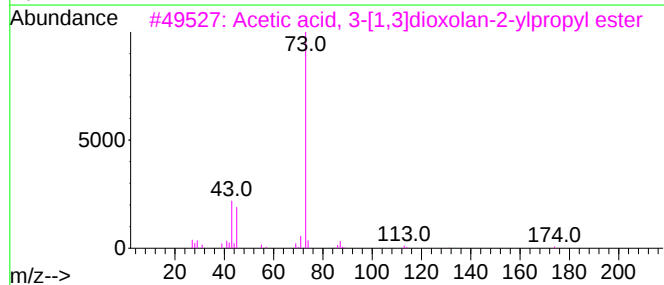
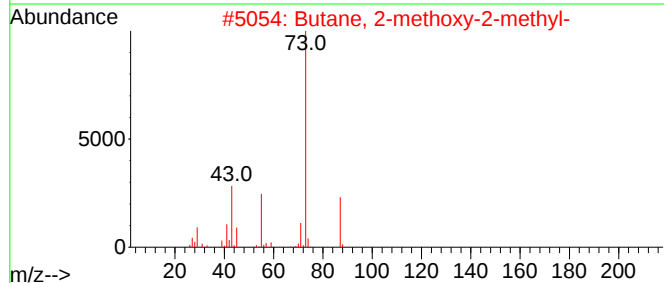
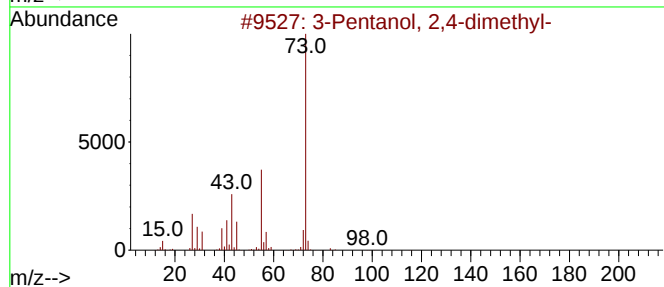
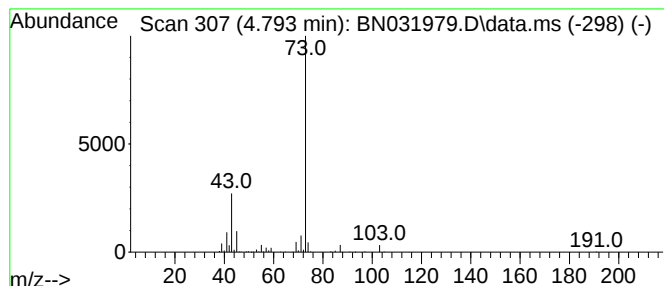
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.793	2.40 ng/ul	241960	1,4-Dichlorobenzene-d4	7.658

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
3			Acetic acid, 3-[1,3]dioxolan-2-yl...	174	C8H14O4	1000186-02-3	33
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	33
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	28



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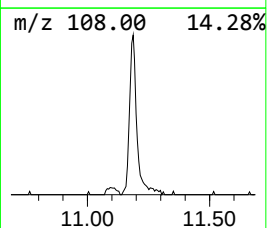
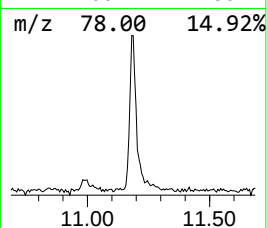
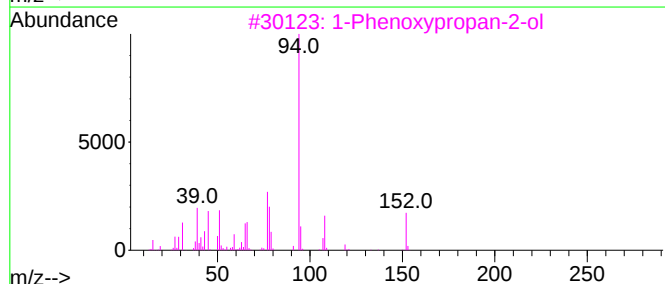
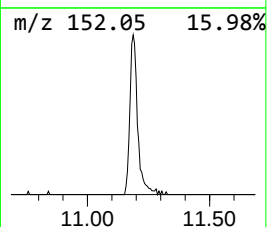
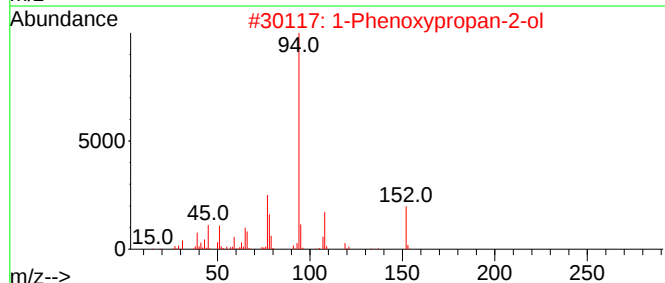
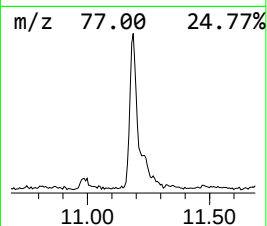
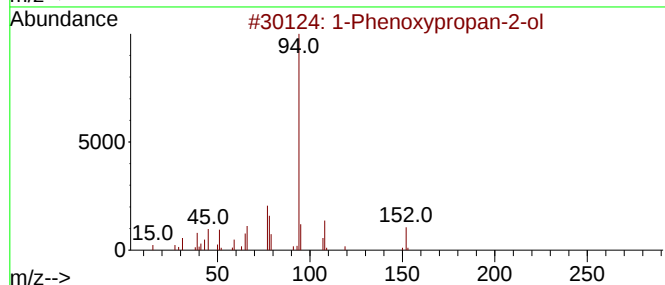
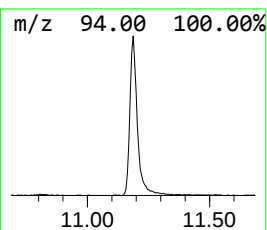
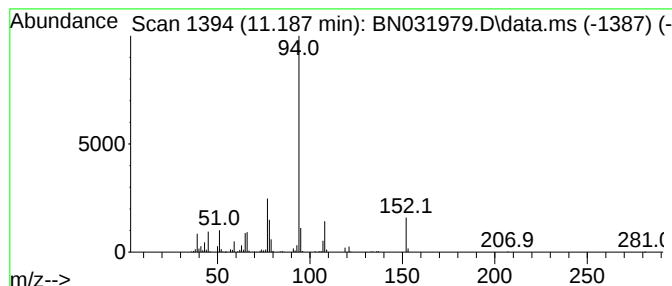
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	2.67 ng/ul	394209	Naphthalene-d8	10.440

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
5			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87



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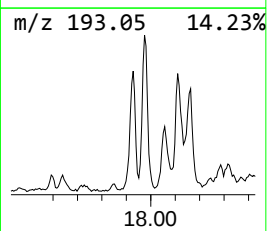
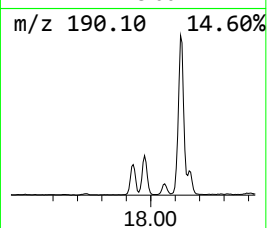
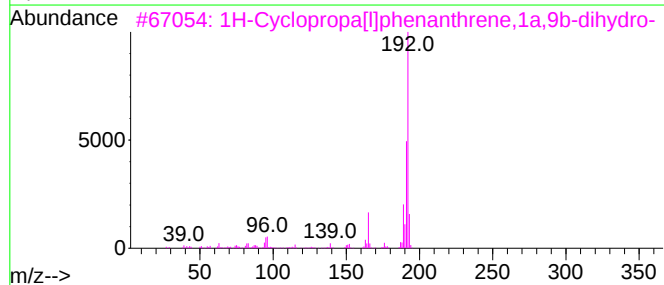
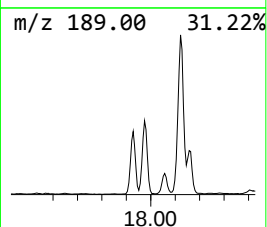
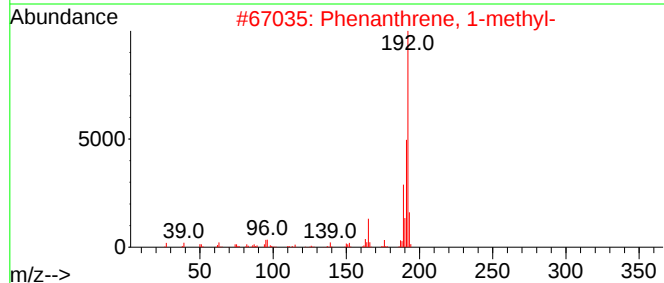
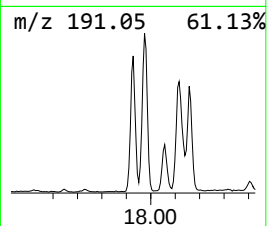
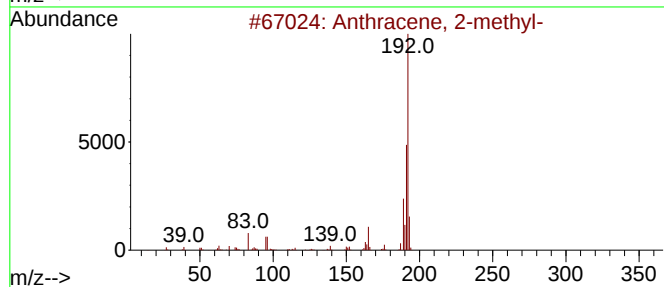
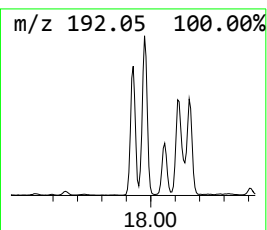
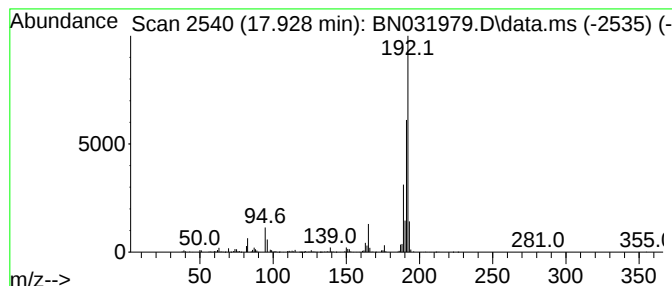
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	3.85 ng/ul	644015	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



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Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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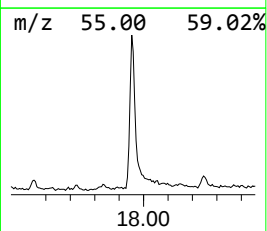
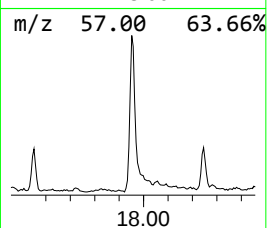
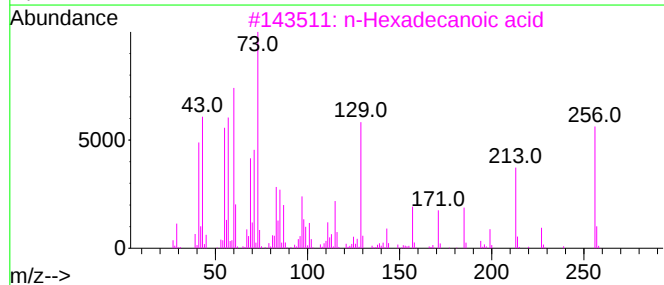
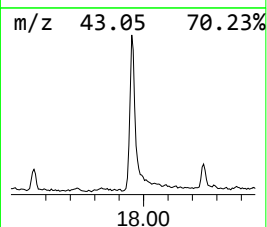
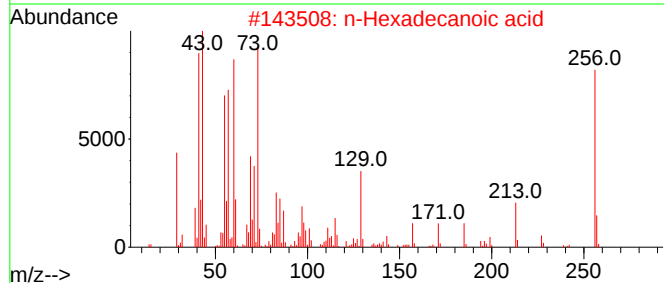
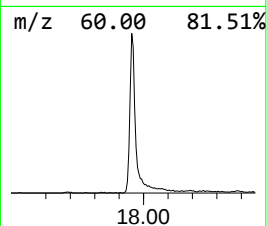
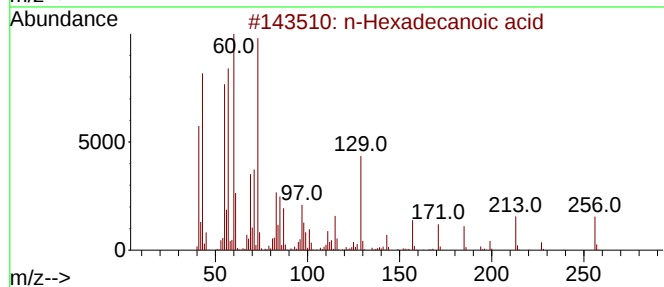
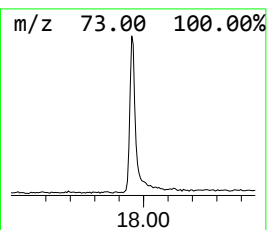
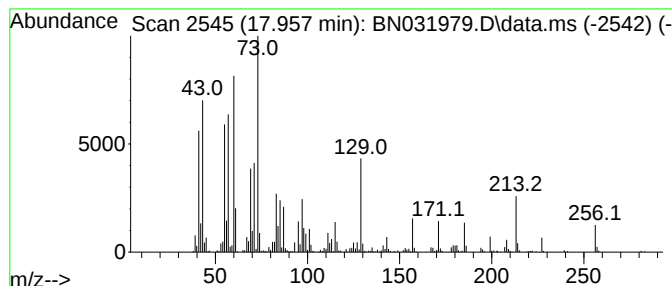
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	2.09 ng/ul	349824	Phenanthrene-d10	17.051

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	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	94



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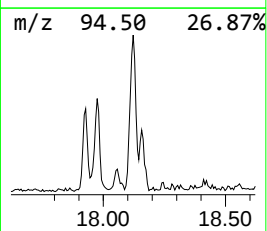
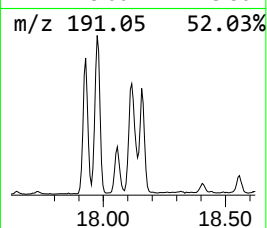
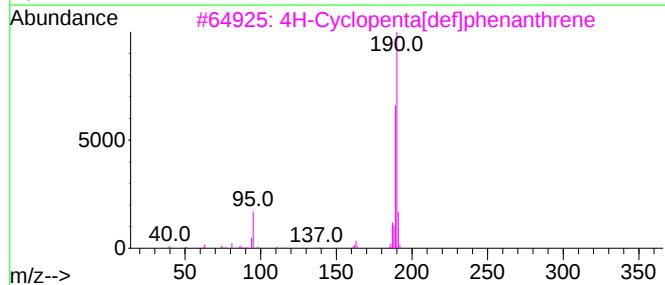
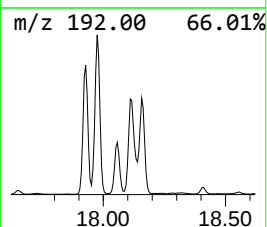
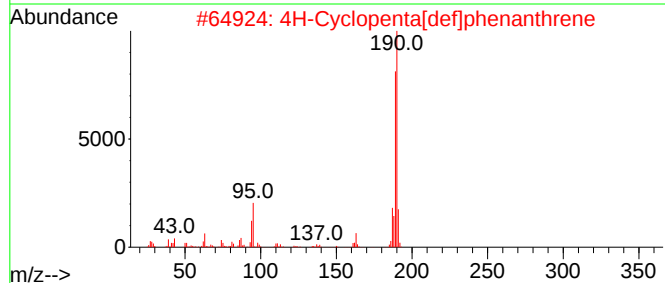
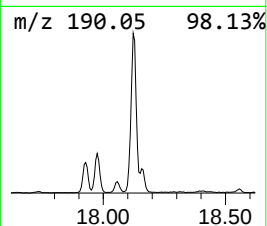
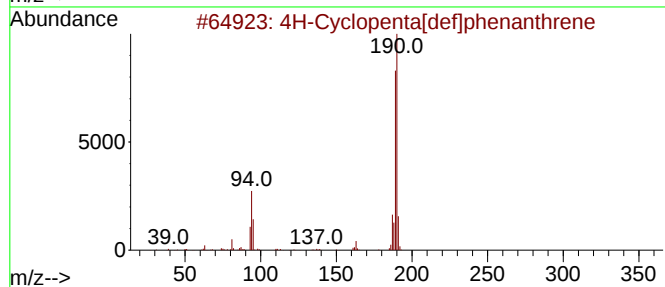
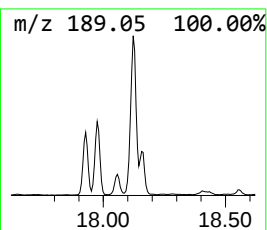
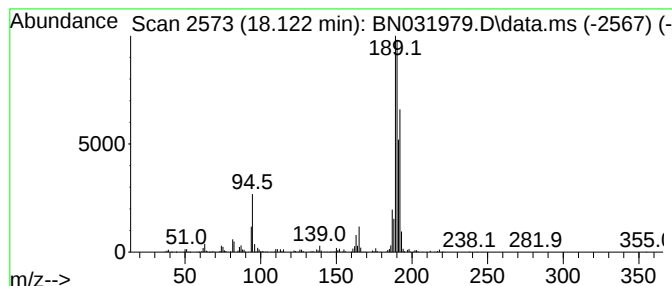
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	6.26 ng/ul	1048820	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5			Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
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Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

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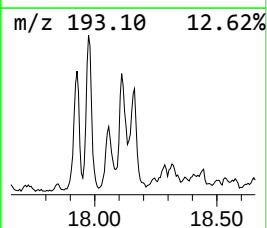
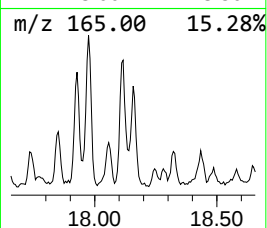
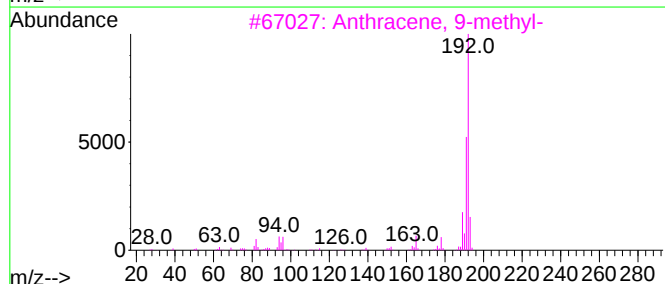
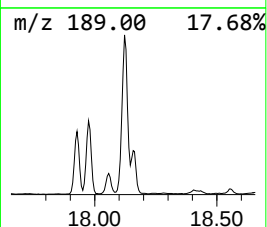
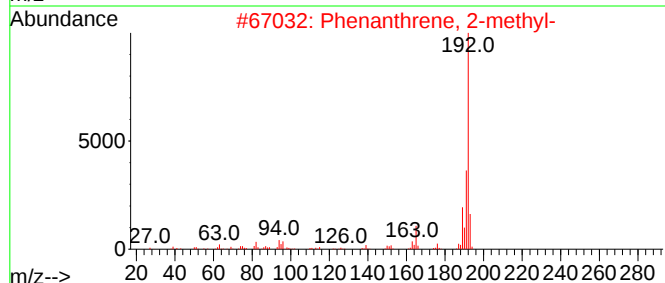
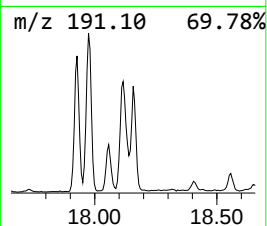
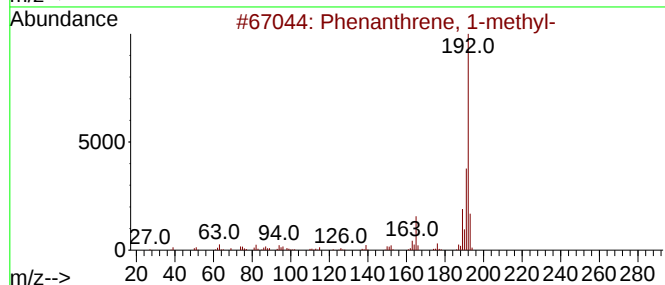
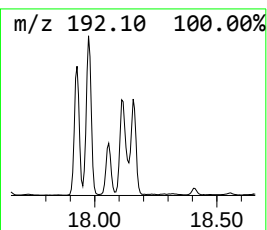
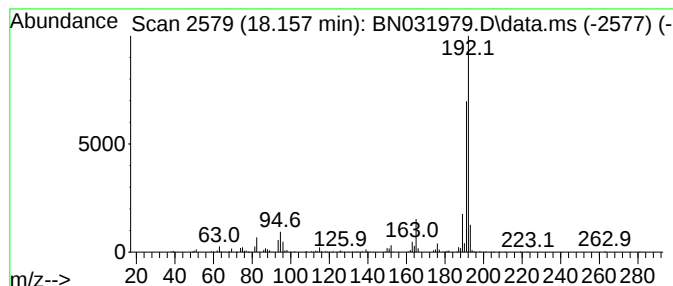
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.57 ng/ul	430885	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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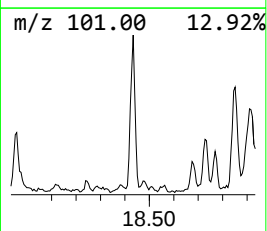
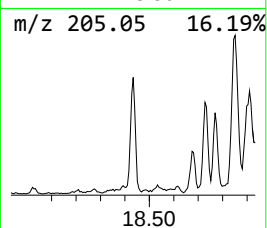
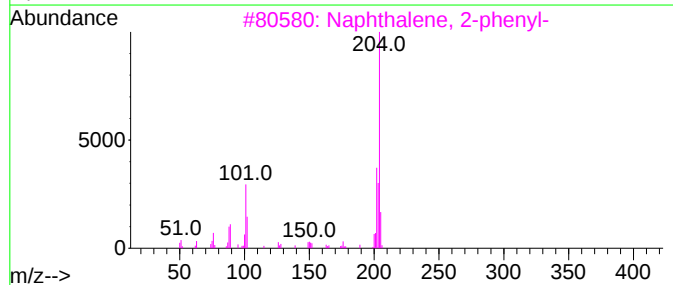
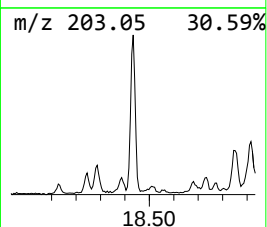
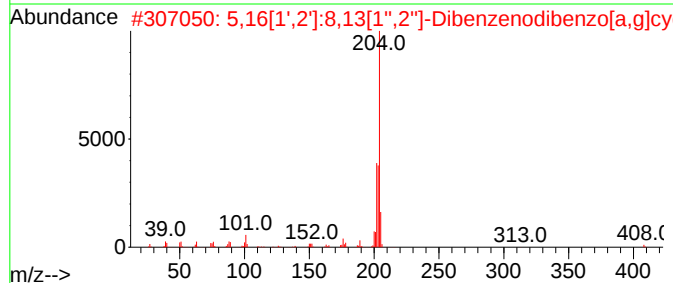
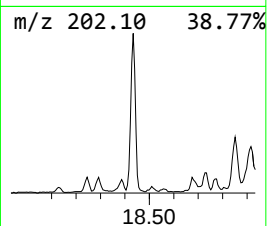
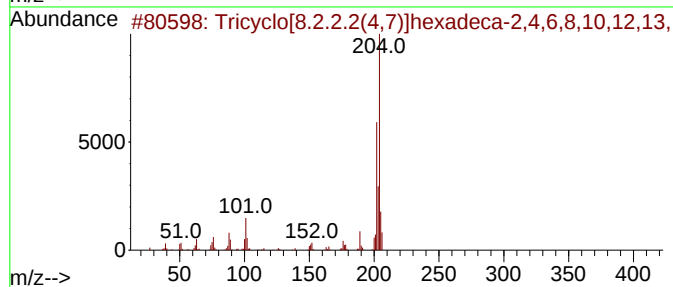
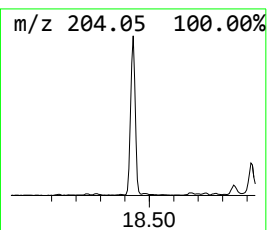
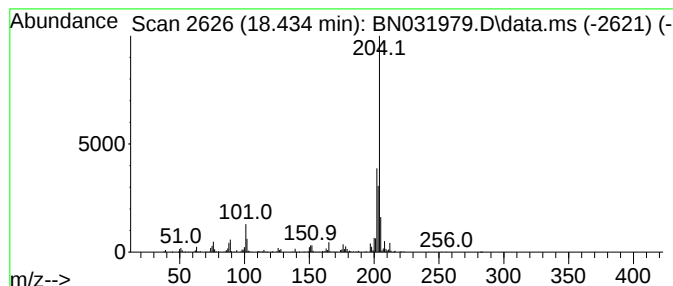
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	2.54 ng/ul	424561	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
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Sample : P2663-01
Misc :
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Instrument :
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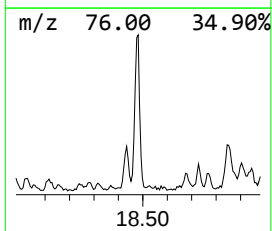
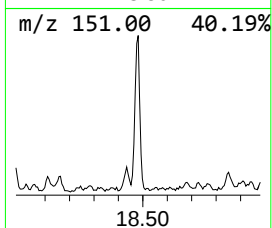
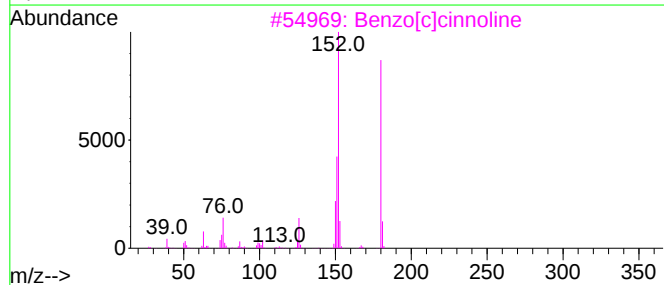
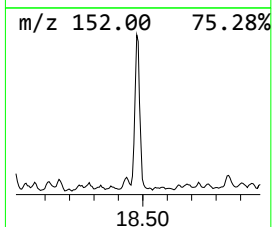
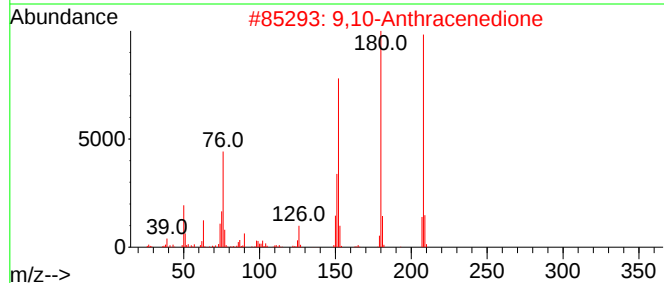
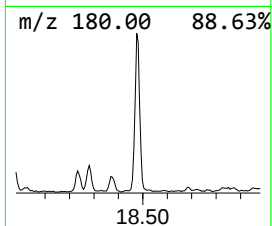
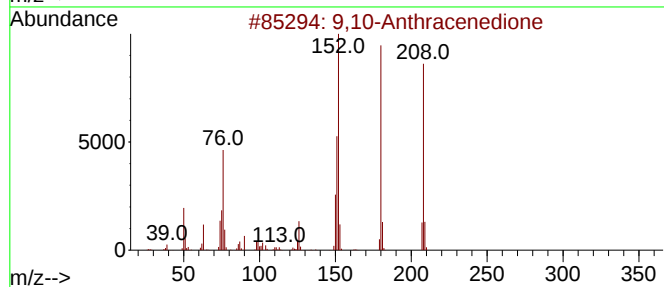
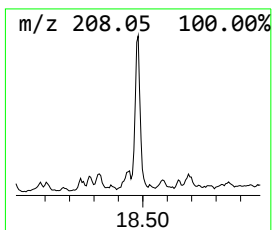
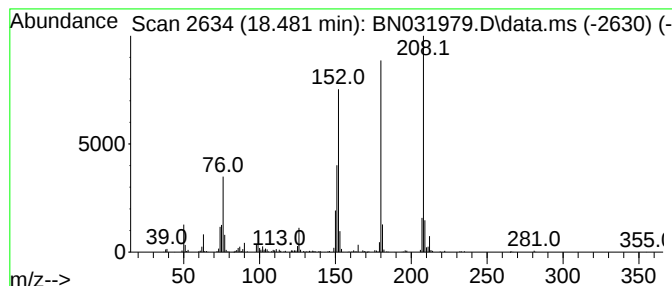
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.481	2.53 ng/ul	423074	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	96
3	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	96
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
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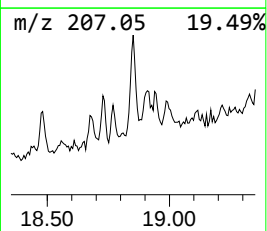
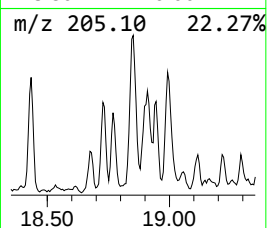
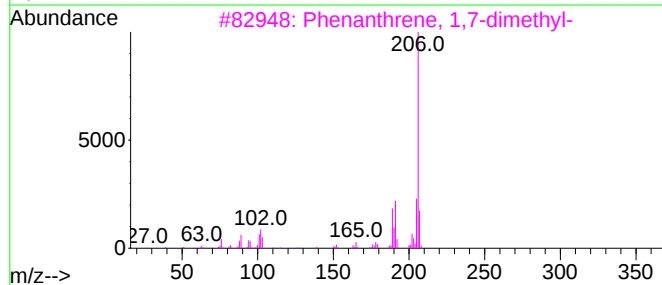
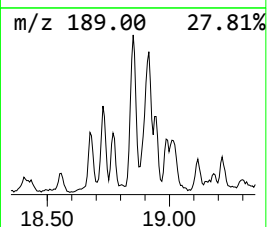
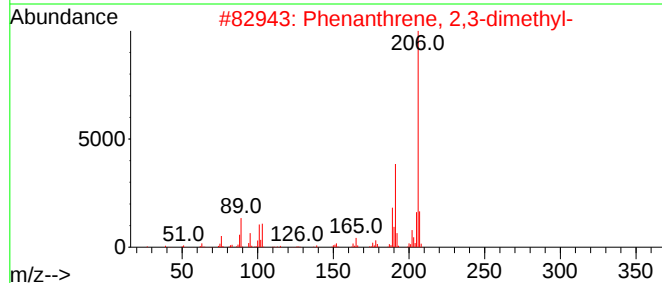
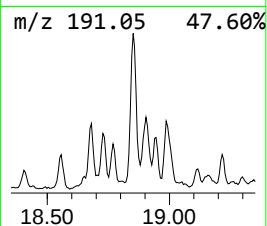
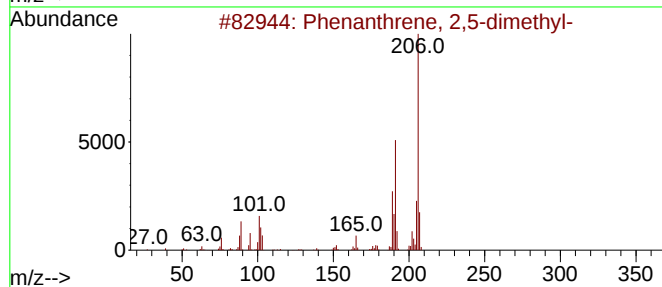
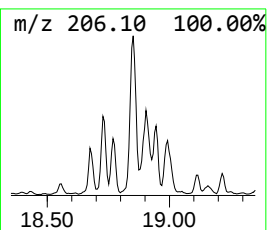
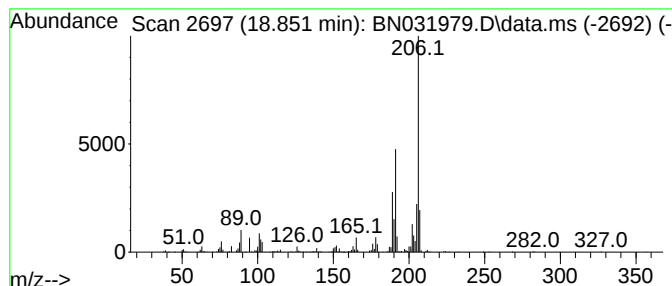
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	4.43 ng/ul	741118	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
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Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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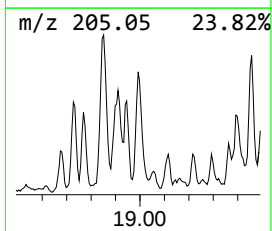
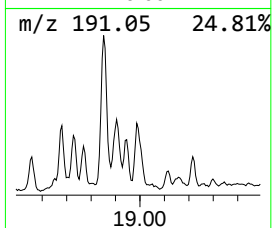
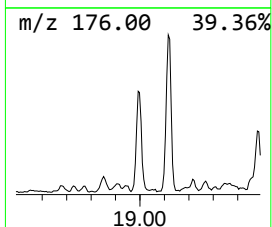
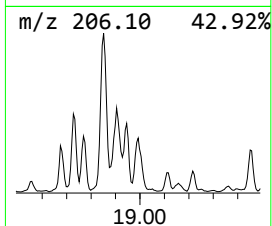
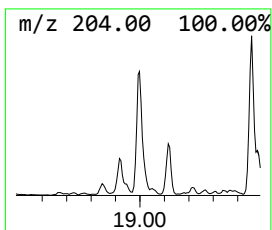
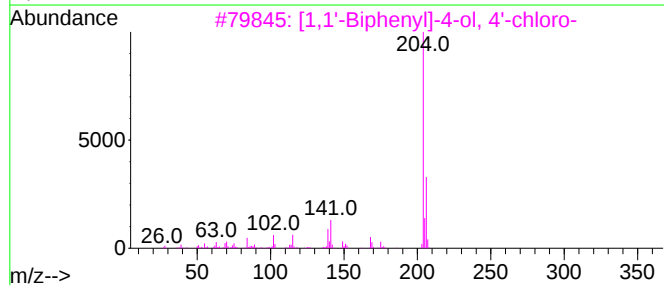
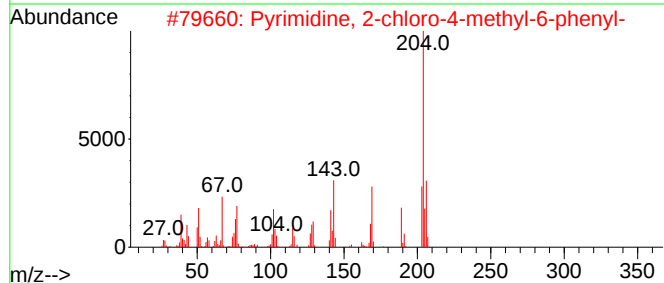
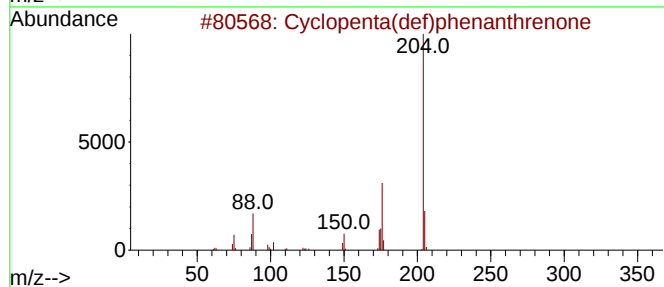
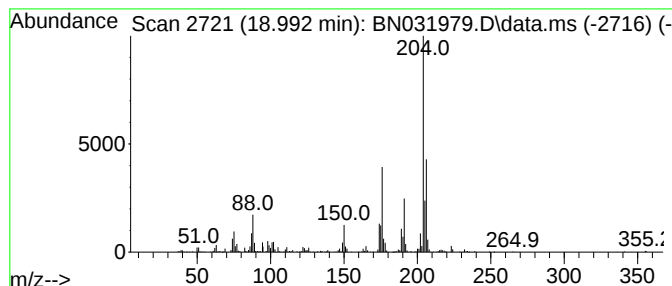
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	4.33 ng/ul	724626	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2			Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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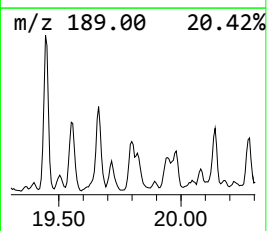
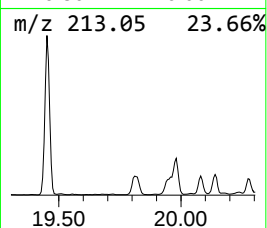
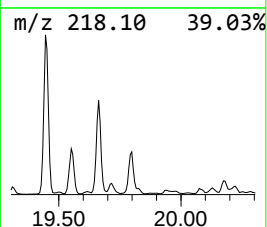
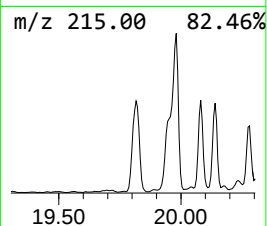
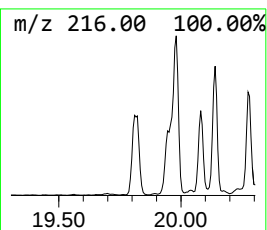
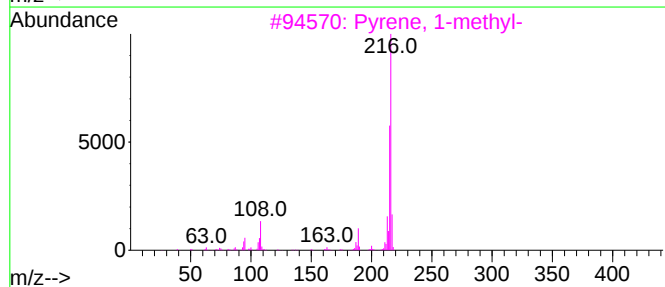
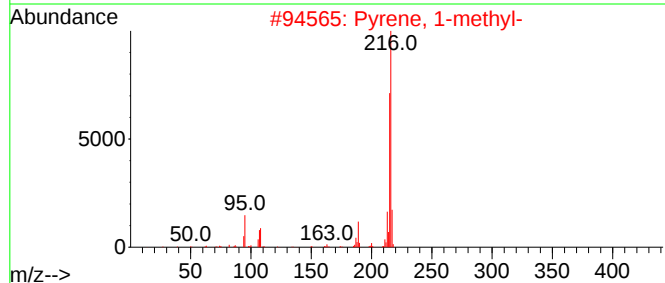
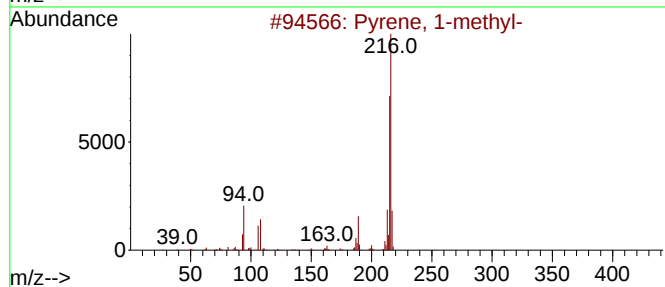
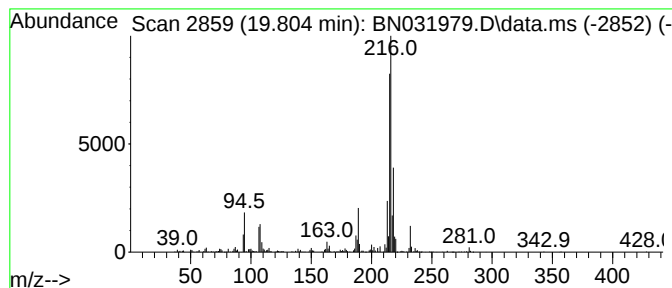
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	2.07 ng/ul	873227	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
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Sample : P2663-01
Misc :
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Instrument :
BNA_N
ClientSampleId :
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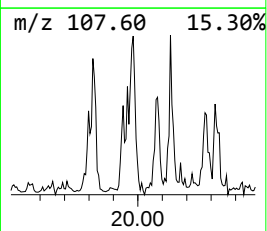
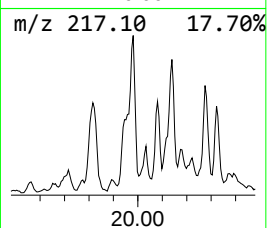
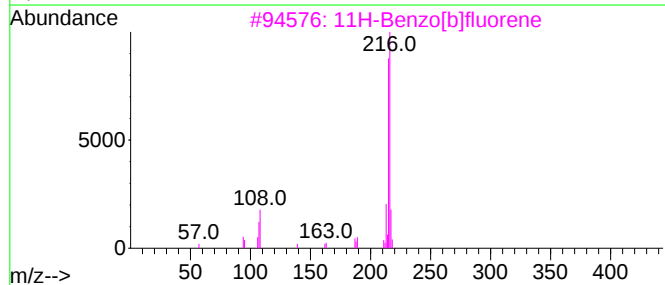
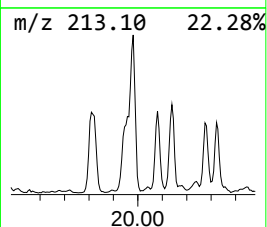
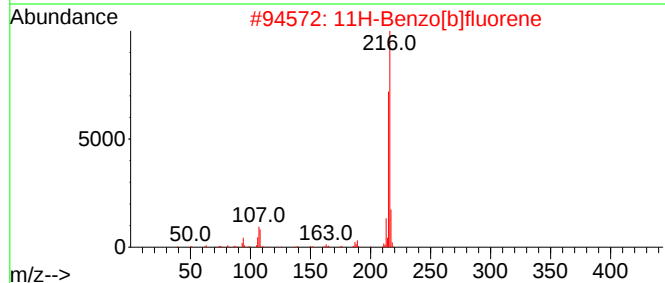
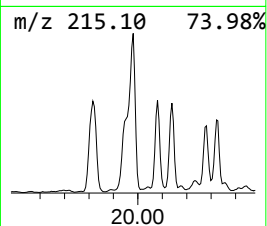
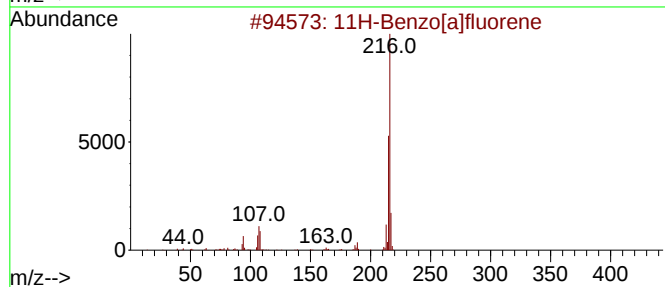
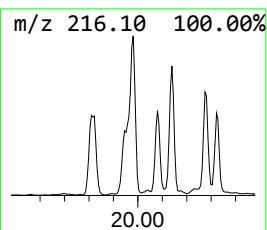
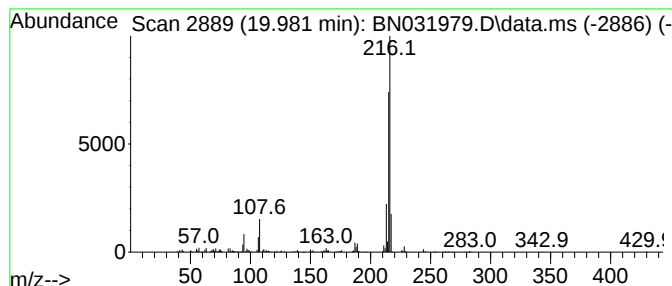
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.981	2.24 ng/ul	942629	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
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Instrument :
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ClientSampleId :
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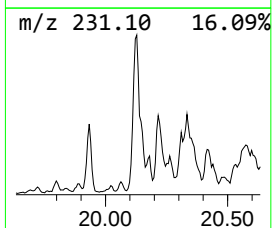
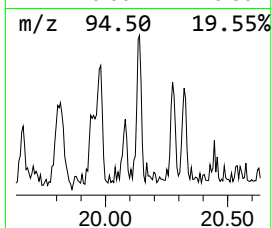
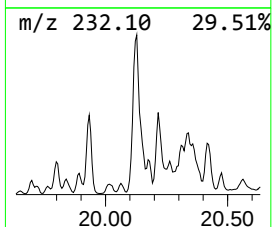
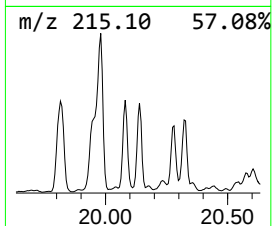
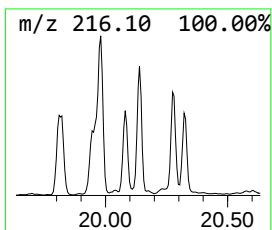
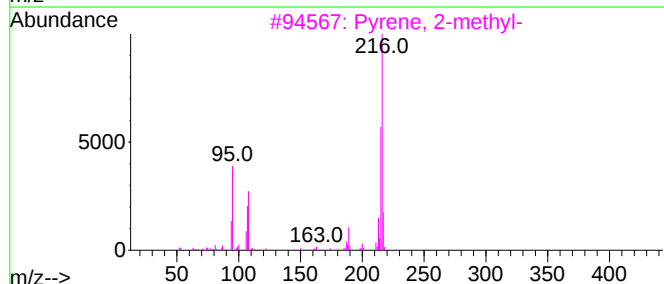
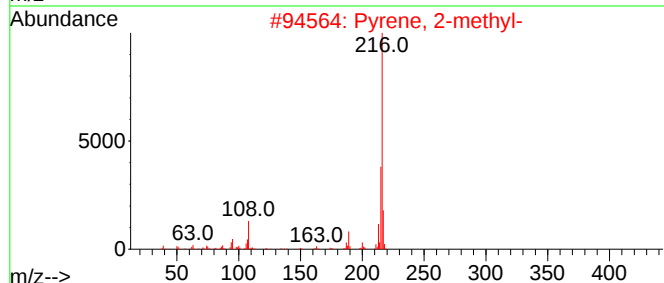
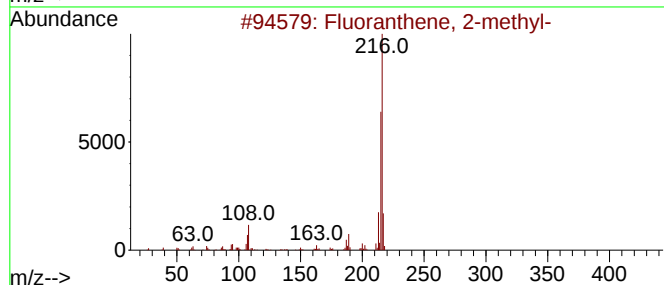
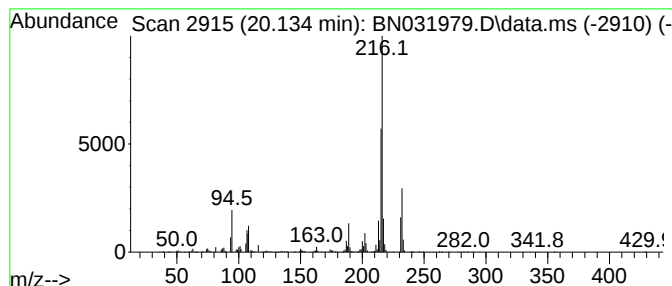
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.134	2.22 ng/ul	936755	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	98
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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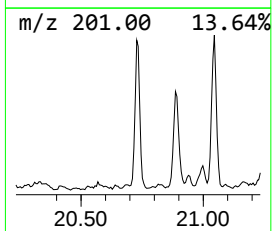
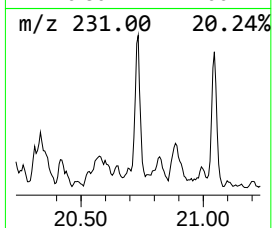
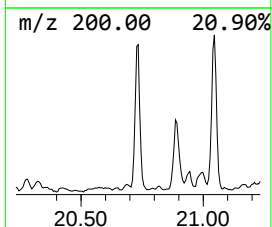
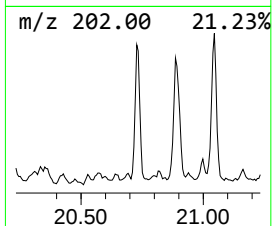
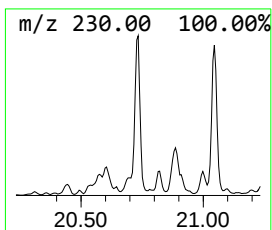
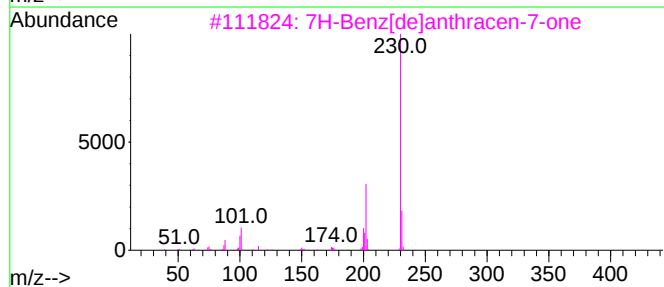
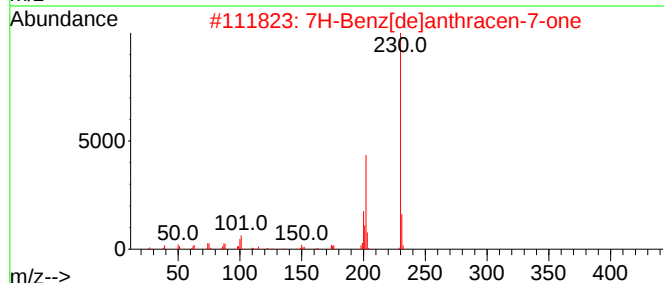
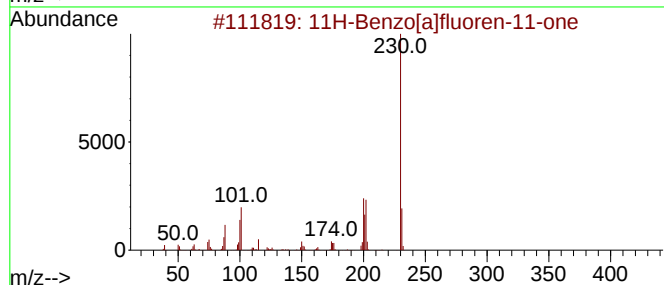
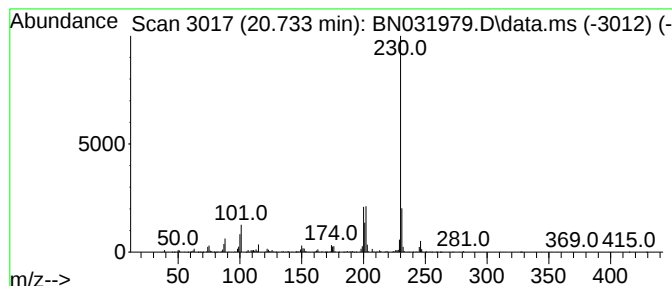
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	2.14 ng/ul	899758	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
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Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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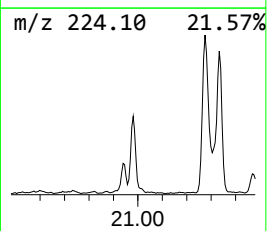
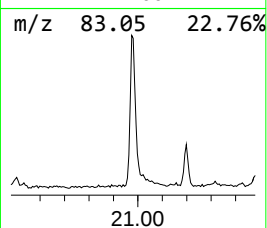
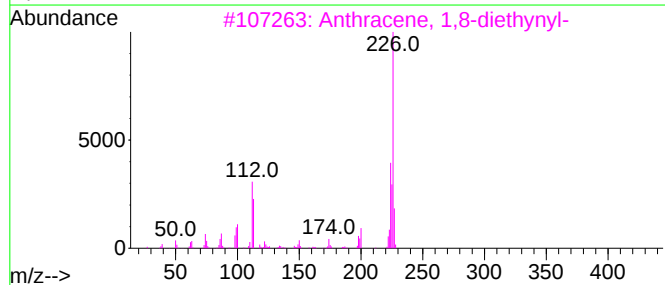
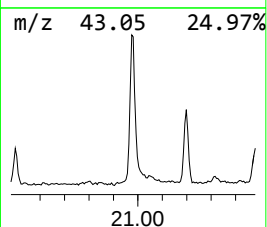
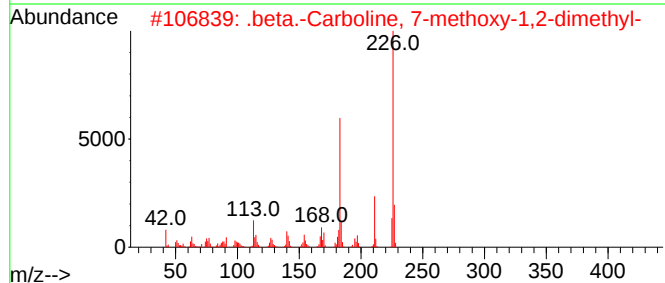
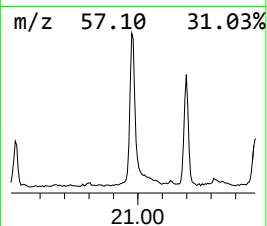
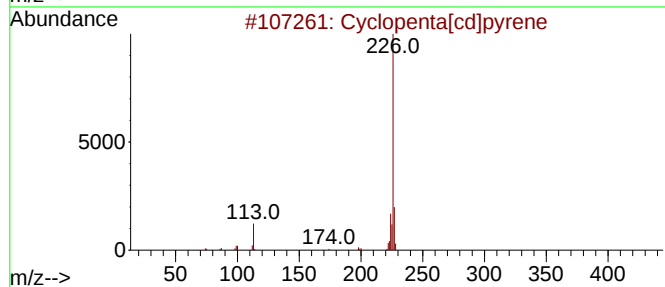
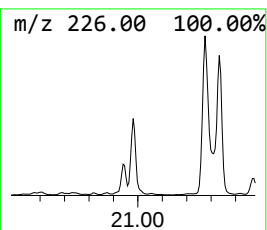
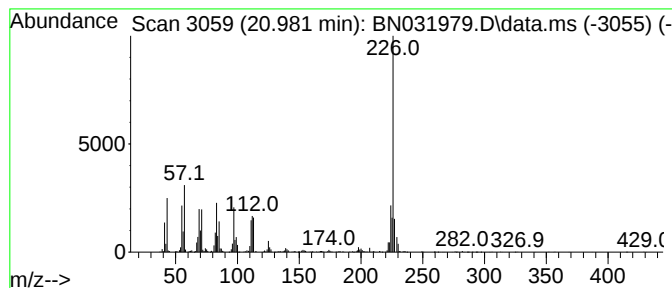
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	3.77 ng/ul	1589010	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
3			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	47
4			1,4-Cyclohexanedimethanamine, N1...	534	C28H44Cl2N2Si2	1000498-77-1	38
5			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Acq On : 13 Jun 2024 16:16
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ClientSampleId :
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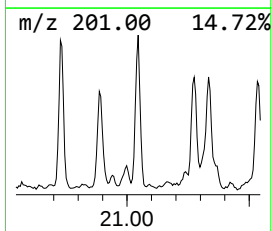
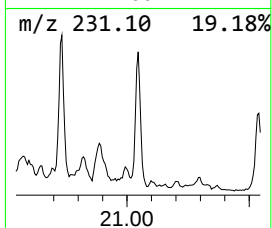
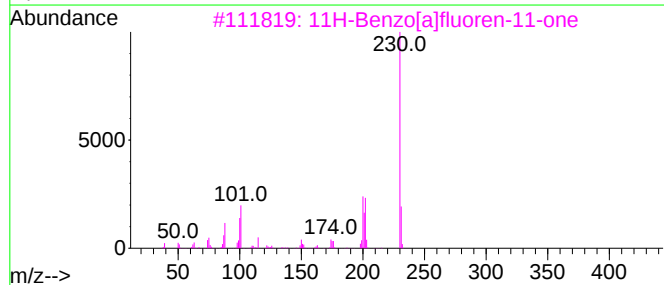
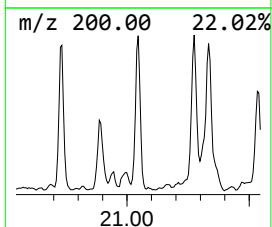
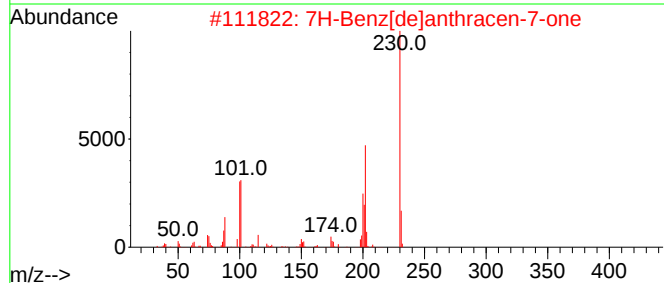
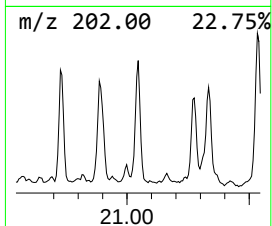
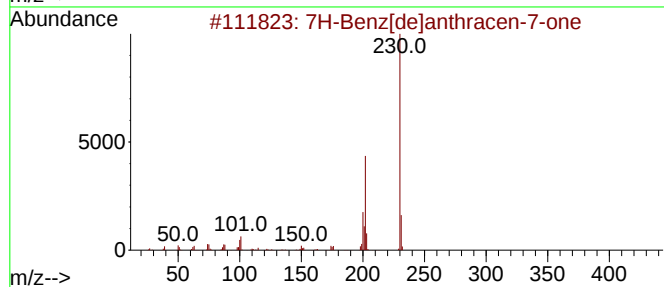
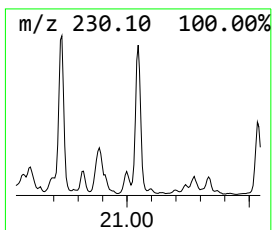
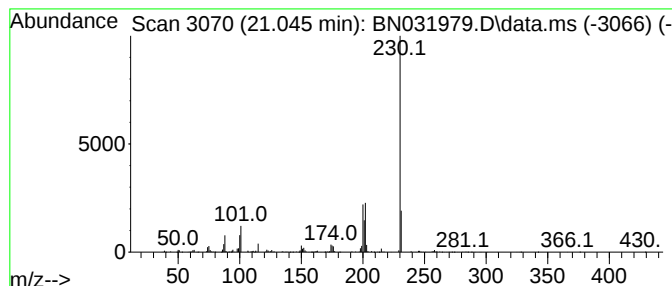
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.61 ng/ul	1098300	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

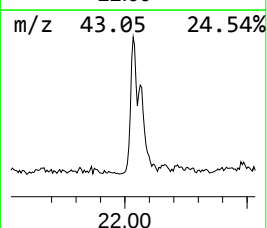
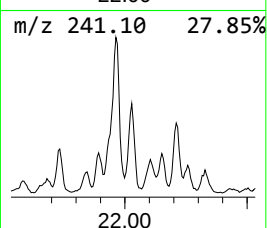
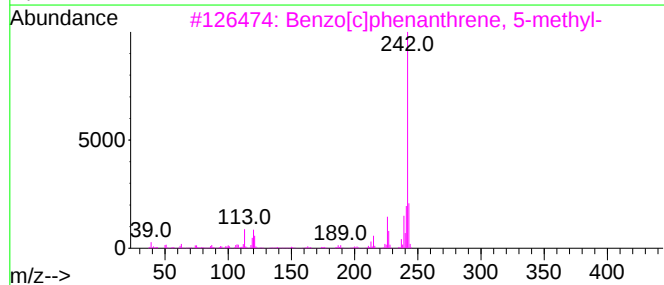
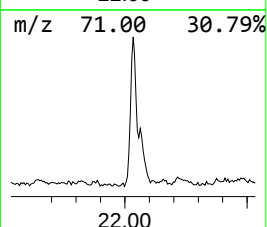
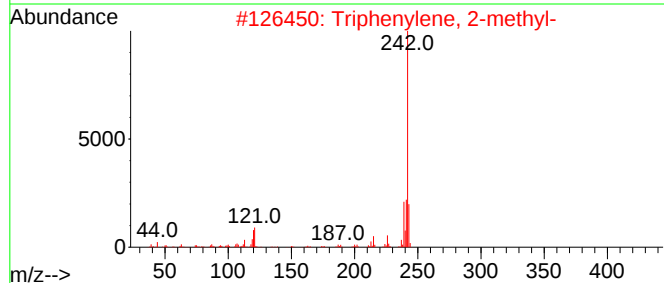
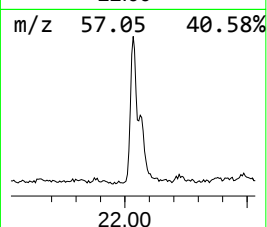
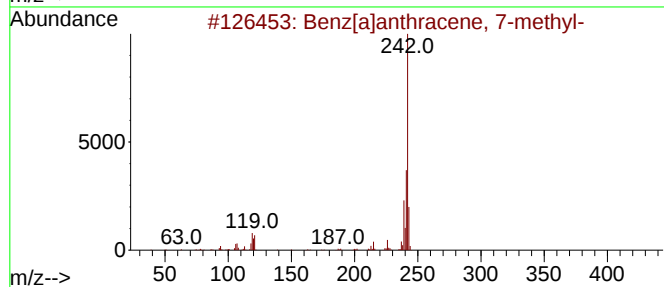
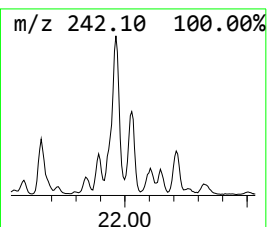
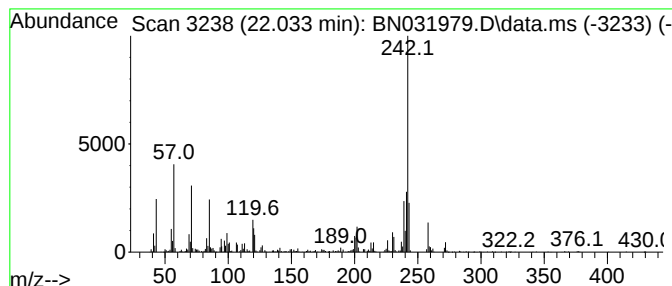
Instrument :
BNA_N
ClientSampleId :
BHC46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.033	2.19 ng/ul	923602	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	70
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	64
3	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	64
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	64
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC46

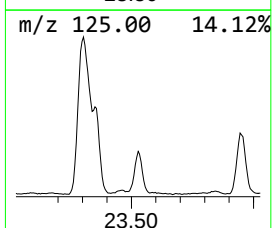
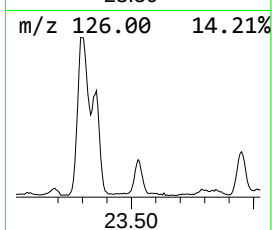
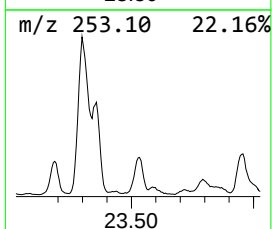
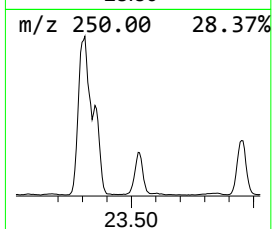
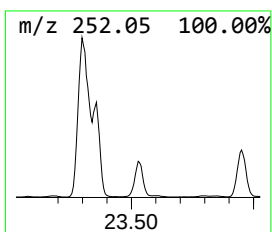
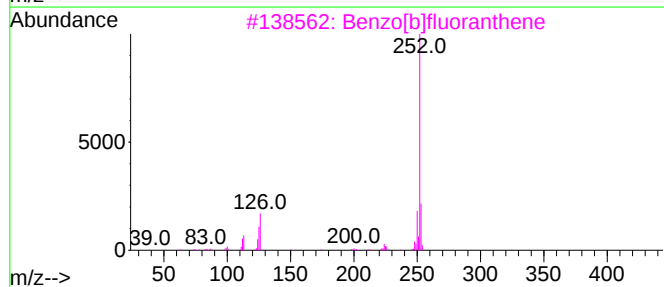
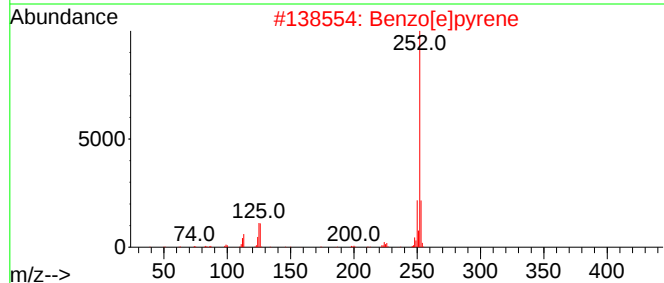
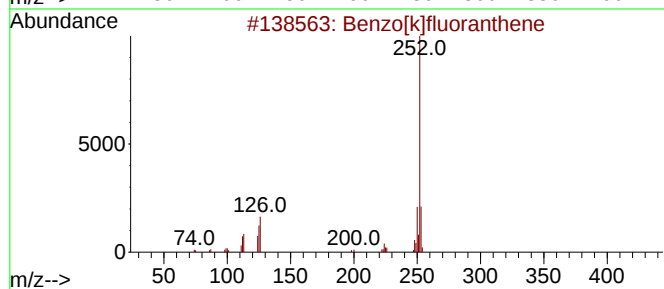
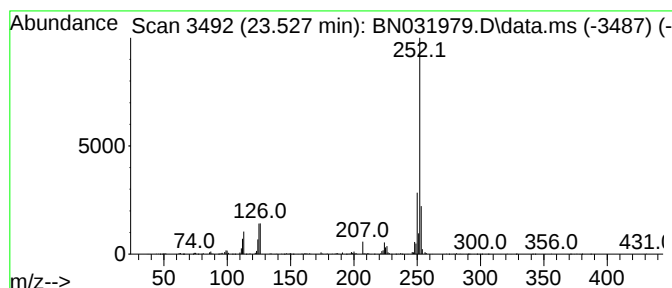
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-02

Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.528	6.83 ng/ul	1038420	Perylene-d12	24.221	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC46

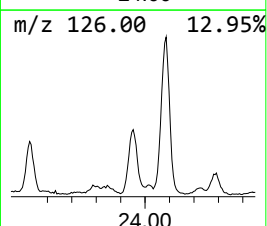
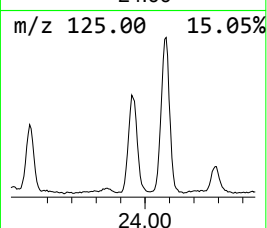
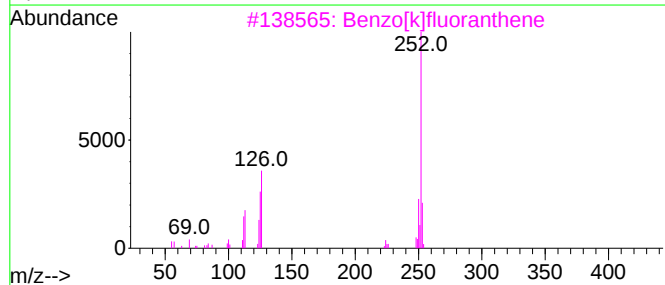
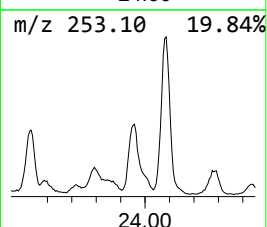
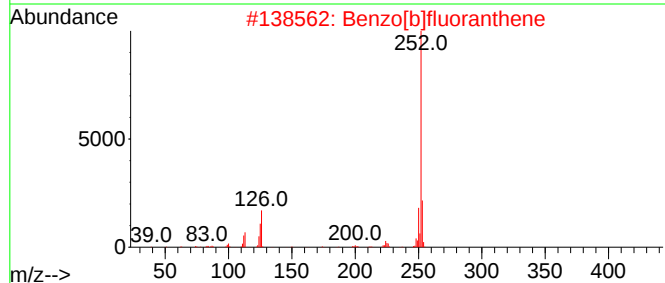
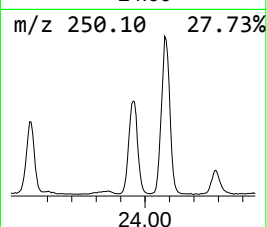
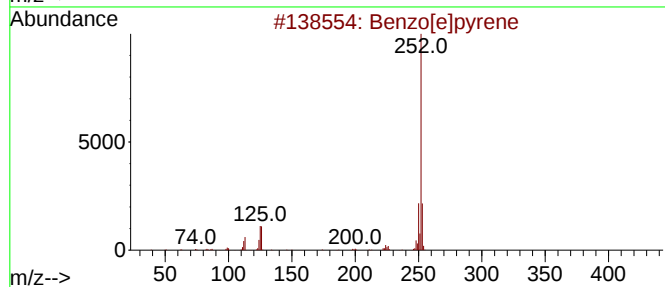
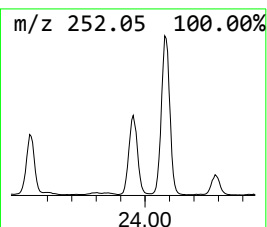
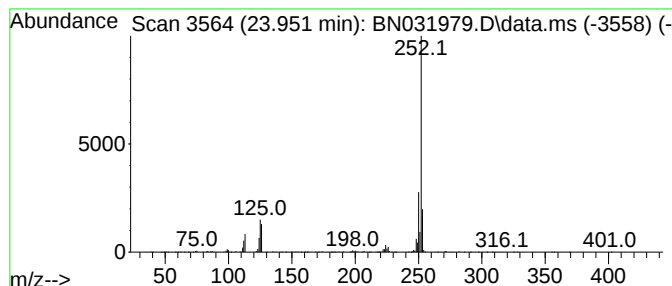
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	8.44 ng/ul	1282420	Perylene-d12	24.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031979.D
Acq On : 13 Jun 2024 16:16
Operator : MA/JU
Sample : P2663-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
unknown-01	4.793	2.4	ng/ul	241960	1	7.658	2014720	20.0
1-Phenoxypropan...	11.187	2.7	ng/ul	394209	2	10.440	2952770	20.0
Anthracene, 2-m...	17.928	3.9	ng/ul	644015	4	17.051	3349150	20.0
n-Hexadecanoic ...	17.957	2.1	ng/ul	349824	4	17.051	3349150	20.0
4H-Cyclopenta[d...	18.122	6.3	ng/ul	1048820	4	17.051	3349150	20.0
Phenanthrene, 1...	18.157	2.6	ng/ul	430885	4	17.051	3349150	20.0
Tricyclo[8.2.2....	18.434	2.5	ng/ul	424561	4	17.051	3349150	20.0
9,10-Anthracene...	18.481	2.5	ng/ul	423074	4	17.051	3349150	20.0
Phenanthrene, 2...	18.851	4.4	ng/ul	741118	4	17.051	3349150	20.0
Cyclopenta(def)...	18.992	4.3	ng/ul	724626	4	17.051	3349150	20.0
Pyrene, 1-methyl-	19.804	2.1	ng/ul	873227	5	21.292	8420450	20.0
11H-Benzo[a]flu...	19.981	2.2	ng/ul	942629	5	21.292	8420450	20.0
Fluoranthene, 2...	20.134	2.2	ng/ul	936755	5	21.292	8420450	20.0
11H-Benzo[a]flu...	20.733	2.1	ng/ul	899758	5	21.292	8420450	20.0
Cyclopenta[cd]p...	20.980	3.8	ng/ul	1589010	5	21.292	8420450	20.0
7H-Benz[de]anth...	21.045	2.6	ng/ul	1098300	5	21.292	8420450	20.0
Benz[a]anthrace...	22.033	2.2	ng/ul	923602	5	21.292	8420450	20.0
unknown-02	23.528	6.8	ng/ul	1038420	6	24.221	3040380	20.0
Benzo[e]pyrene	23.951	8.4	ng/ul	1282420	6	24.221	3040380	20.0