

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031809.D
 Acq On : 05 Jun 2024 21:04
 Operator : MA/JU
 Sample : P2591-16DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ7DL

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: BN031809.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.605	102	105	115	rBV	32228	58960	0.50%	0.060%
2	6.846	646	656	665	rBV	139995	244406	2.05%	0.247%
3	7.010	679	684	692	rBV	110524	183396	1.54%	0.186%
4	7.205	711	717	729	rVB	138725	228256	1.92%	0.231%
5	7.669	789	796	804	rBV	1111425	1836791	15.42%	1.860%
6	8.381	908	917	924	rBV	169386	305567	2.57%	0.309%
7	8.828	987	993	1000	rBV	137694	232252	1.95%	0.235%
8	9.546	1109	1115	1124	rBV	100604	175728	1.48%	0.178%
9	10.081	1199	1206	1218	rBV	170756	304335	2.56%	0.308%
10	10.457	1262	1270	1276	rBV	1760007	3045437	25.57%	3.084%
11	10.504	1276	1278	1287	rVB	91327	132145	1.11%	0.134%
12	10.598	1287	1294	1304	rBV	110239	214056	1.80%	0.217%
13	12.128	1548	1554	1562	rVB	47123	83704	0.70%	0.085%
14	12.345	1585	1591	1598	rVB	44263	72077	0.61%	0.073%
15	13.145	1719	1727	1734	rBV2	22920	40177	0.34%	0.041%
16	13.634	1804	1810	1815	rBV	39468	67654	0.57%	0.069%
17	13.728	1822	1826	1837	rVB	313482	473014	3.97%	0.479%
18	14.010	1861	1874	1887	rBV2	377571	681513	5.72%	0.690%
19	14.316	1916	1926	1932	rBV	2956095	4306932	36.17%	4.361%
20	14.381	1932	1937	1944	rVV	216952	336644	2.83%	0.341%
21	14.528	1956	1962	1970	rBV2	145571	280325	2.35%	0.284%
22	14.716	1984	1994	2002	rBV	220699	355141	2.98%	0.360%
23	14.939	2024	2032	2036	rBV4	19586	39355	0.33%	0.040%
24	15.310	2088	2095	2100	rVV	548265	770461	6.47%	0.780%
25	15.369	2100	2105	2112	rVV	229564	352247	2.96%	0.357%
26	15.439	2112	2117	2123	rVV2	97299	171314	1.44%	0.173%
27	15.492	2123	2126	2129	rVV3	31891	46905	0.39%	0.047%
28	15.528	2129	2132	2137	rVV2	36748	57712	0.48%	0.058%
29	15.616	2143	2147	2151	rVV2	21613	39416	0.33%	0.040%
30	15.663	2151	2155	2164	rVB	94248	143429	1.20%	0.145%
31	15.810	2175	2180	2188	rVV	101670	197427	1.66%	0.200%
32	15.898	2188	2195	2201	rVB2	26495	55232	0.46%	0.056%
33	16.039	2212	2219	2227	rBV3	42431	85439	0.72%	0.087%
34	16.345	2264	2271	2273	rBV6	35946	70387	0.59%	0.071%
35	16.369	2273	2275	2280	rVV2	47905	76874	0.65%	0.078%
36	16.598	2306	2314	2318	rBV3	50042	97452	0.82%	0.099%

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Integrator: RTE

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	16.639	2318	2321	2324	rVV2	51109	75360	0.63%	0.076%
38	16.722	2329	2335	2342	rVB	391497	559694	4.70%	0.567%
39	16.792	2342	2347	2354	rBV2	55476	125136	1.05%	0.127%
40	16.881	2358	2362	2371	rVB	225963	344373	2.89%	0.349%
41	17.063	2383	2393	2397	rBV	3540064	5390690	45.27%	5.458%
42	17.104	2397	2400	2406	rVV	4396738	6159808	51.73%	6.237%
43	17.163	2406	2410	2413	rVV	639526	968771	8.13%	0.981%
44	17.192	2413	2415	2421	rVB	767061	1019448	8.56%	1.032%
45	17.257	2421	2426	2432	rVB3	69335	112473	0.94%	0.114%
46	17.375	2443	2446	2451	rVB3	29941	47003	0.39%	0.048%
47	17.469	2453	2462	2468	rBV2	508553	892001	7.49%	0.903%
48	17.586	2478	2482	2487	rBV2	60590	88118	0.74%	0.089%
49	17.645	2488	2492	2500	rVB4	91926	161649	1.36%	0.164%
50	17.780	2512	2515	2524	rVB2	33848	61637	0.52%	0.062%
51	17.863	2524	2529	2533	rBV2	41214	56635	0.48%	0.057%
52	17.939	2533	2542	2546	rBV	430366	691591	5.81%	0.700%
53	17.986	2546	2550	2556	rVB	651990	930052	7.81%	0.942%
54	18.069	2556	2564	2569	rBV2	160175	243592	2.05%	0.247%
55	18.133	2569	2575	2579	rBV2	530492	951630	7.99%	0.964%
56	18.169	2579	2581	2588	rVB	275064	335060	2.81%	0.339%
57	18.245	2590	2594	2598	rBV3	52881	90040	0.76%	0.091%
58	18.292	2598	2602	2605	rVV	78710	104513	0.88%	0.106%
59	18.333	2606	2609	2613	rVV5	30396	52892	0.44%	0.054%
60	18.380	2614	2617	2623	rVV4	34877	65697	0.55%	0.067%
61	18.445	2623	2628	2631	rVV	362212	492942	4.14%	0.499%
62	18.486	2631	2635	2642	rVV	473721	661666	5.56%	0.670%
63	18.569	2646	2649	2656	rVV2	32805	44345	0.37%	0.045%
64	18.692	2666	2670	2674	rBV3	84090	108110	0.91%	0.109%
65	18.739	2674	2678	2681	rBV	85838	99922	0.84%	0.101%
66	18.780	2681	2685	2690	rVB2	88497	115979	0.97%	0.117%
67	18.869	2694	2700	2705	rBV2	231440	422309	3.55%	0.428%
68	18.922	2705	2709	2712	rVV3	89147	153496	1.29%	0.155%
69	18.957	2712	2715	2718	rVB	67683	82684	0.69%	0.084%
70	19.004	2718	2723	2730	rBV	396124	610214	5.12%	0.618%
71	19.127	2738	2744	2751	rVB	6900534	9185421	77.13%	9.301%
72	19.192	2752	2755	2758	rBV	77474	100997	0.85%	0.102%
73	19.227	2758	2761	2767	rVV	109493	144579	1.21%	0.146%
74	19.327	2773	2778	2781	rBV4	96061	188431	1.58%	0.191%
75	19.369	2783	2785	2789	rVB	120761	152714	1.28%	0.155%
76	19.463	2795	2801	2803	rBV2	1645276	2591042	21.76%	2.624%

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77	19.492	2803	2806	2813	rVV	4583726	5786049	48.59%	5.859%
78	19.563	2814	2818	2824	rVB2	275179	378839	3.18%	0.384%
79	19.669	2832	2836	2841	rVB	330745	439442	3.69%	0.445%
80	19.733	2842	2847	2853	rVB	288648	432953	3.64%	0.438%
81	19.810	2855	2860	2862	rBV	316158	531187	4.46%	0.538%
82	19.951	2879	2884	2886	rBV4	268696	454552	3.82%	0.460%
83	20.145	2911	2917	2921	rBV3	407472	698364	5.86%	0.707%
84	20.186	2921	2924	2927	rVB	126255	135634	1.14%	0.137%
85	20.227	2928	2931	2934	rBV	119760	171260	1.44%	0.173%
86	20.286	2938	2941	2944	rVV2	199834	272619	2.29%	0.276%
87	20.333	2946	2949	2953	rVB2	193379	266376	2.24%	0.270%
88	20.733	3013	3017	3023	rBV	971466	1458736	12.25%	1.477%
89	20.904	3041	3046	3050	rBV2	523671	944991	7.94%	0.957%
90	20.951	3050	3054	3057	rVV	455311	635772	5.34%	0.644%
91	20.992	3057	3061	3066	rVV2	511355	1072269	9.00%	1.086%
92	21.051	3066	3071	3083	rVB	897312	1503958	12.63%	1.523%
93	21.210	3095	3098	3101	rVB	232942	247666	2.08%	0.251%
94	21.292	3105	3112	3117	rVV4	5269332	11908755	100.00%	12.058%
95	21.345	3117	3121	3133	rVB	2678332	4288852	36.01%	4.343%
96	21.968	3224	3227	3233	rVB	411798	621303	5.22%	0.629%
97	23.310	3447	3455	3462	rBV	2037404	6157331	51.70%	6.235%
98	23.962	3562	3566	3572	rBV	292932	533102	4.48%	0.540%
99	24.092	3583	3588	3601	rVB	859924	2186361	18.36%	2.214%
100	24.239	3604	3613	3622	rBV	2830978	7086966	59.51%	7.176%

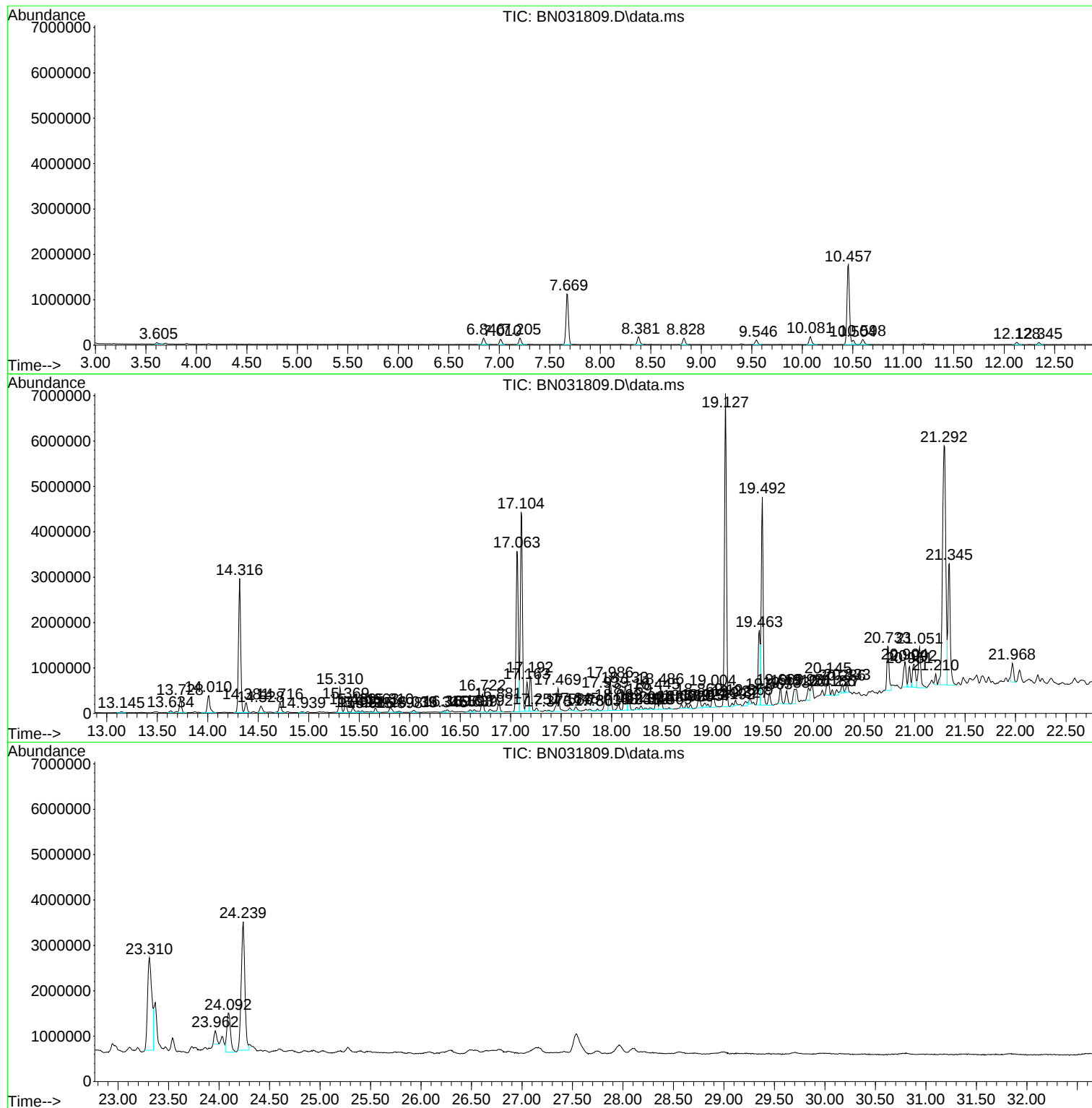
Sum of corrected areas: 98758211

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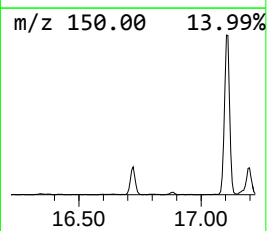
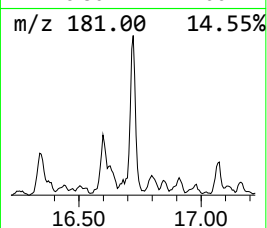
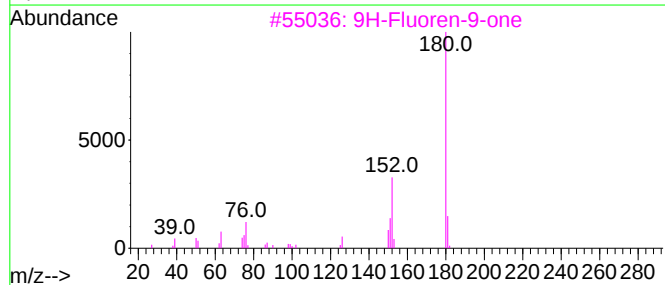
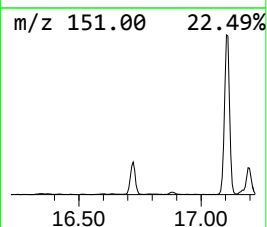
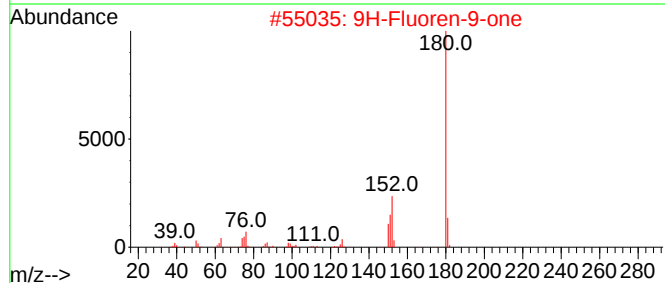
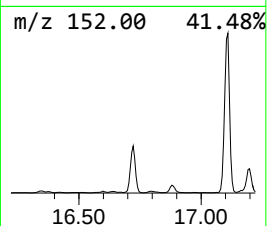
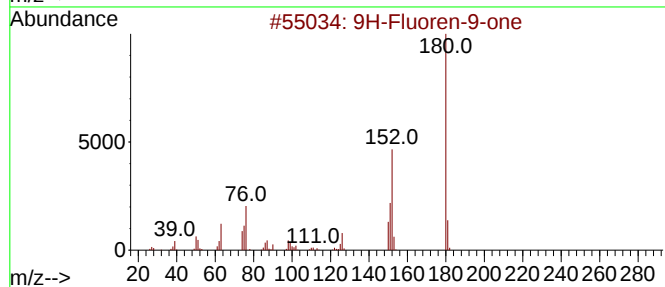
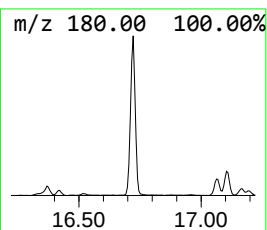
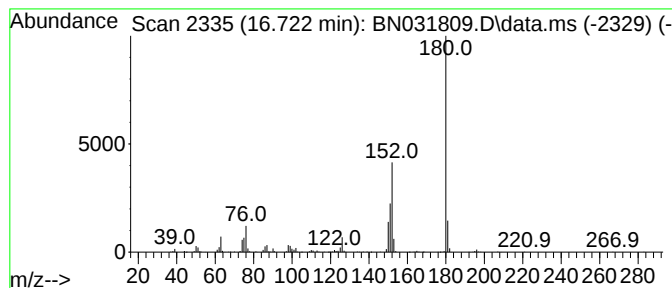
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	2.08 ng/ul	559694	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



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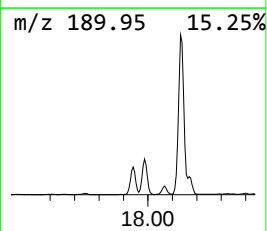
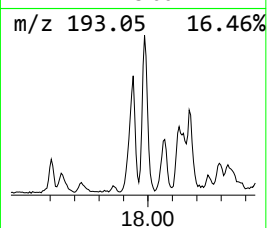
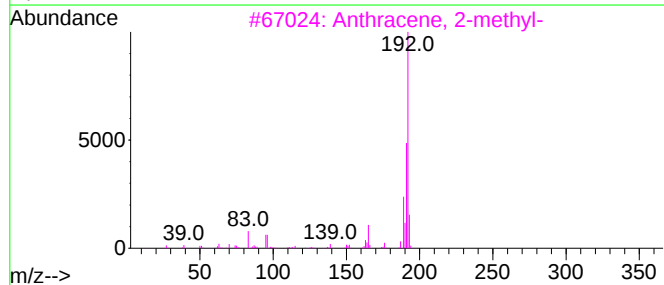
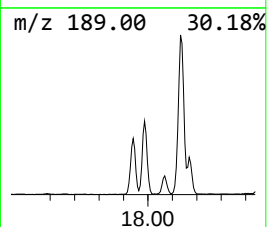
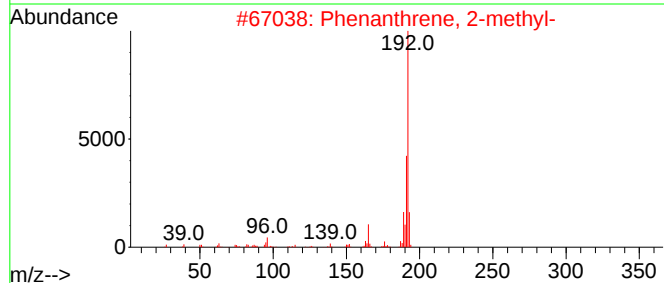
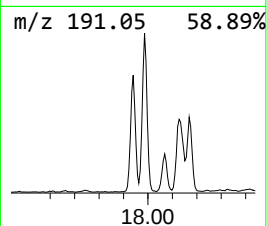
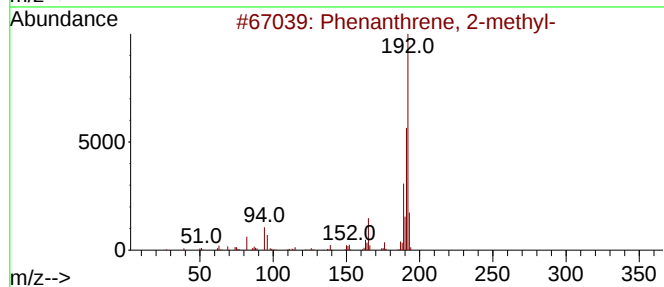
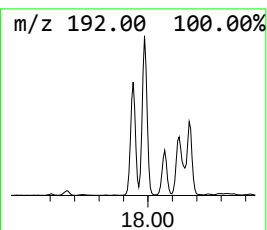
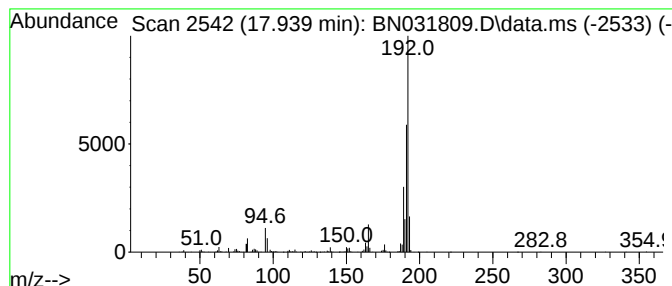
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	2.57 ng/ul	691591	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



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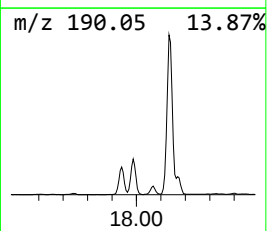
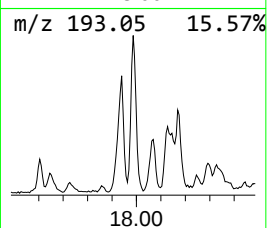
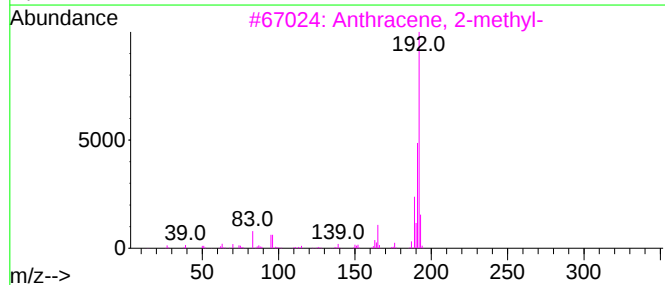
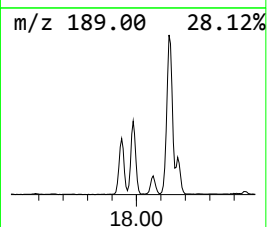
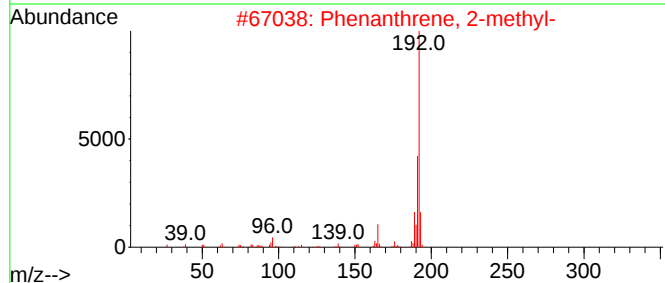
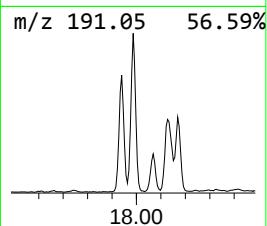
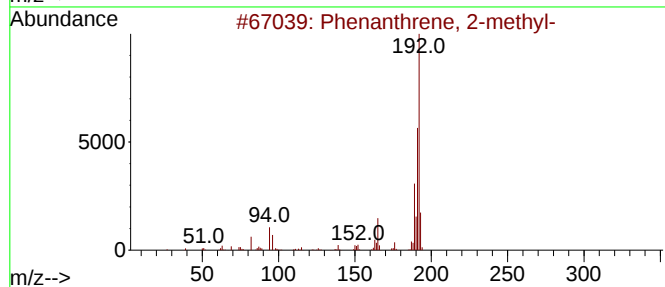
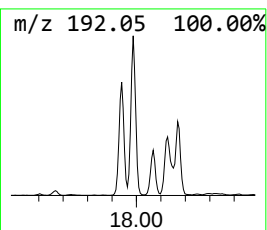
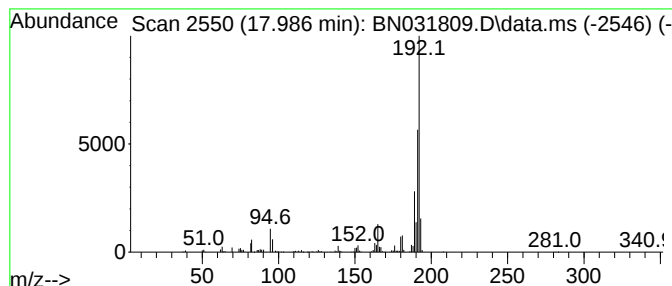
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	3.45 ng/ul	930052	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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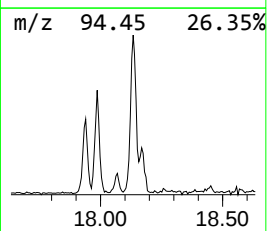
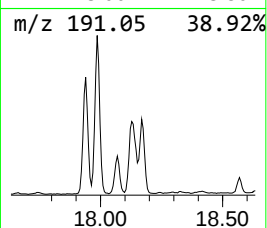
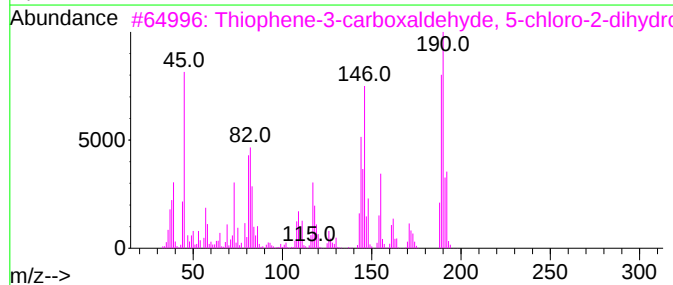
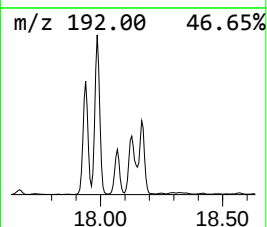
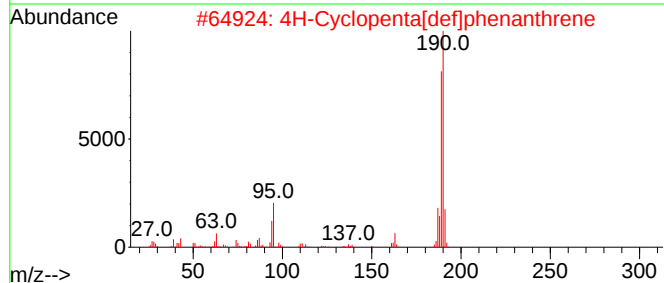
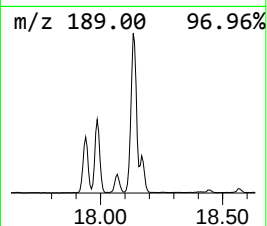
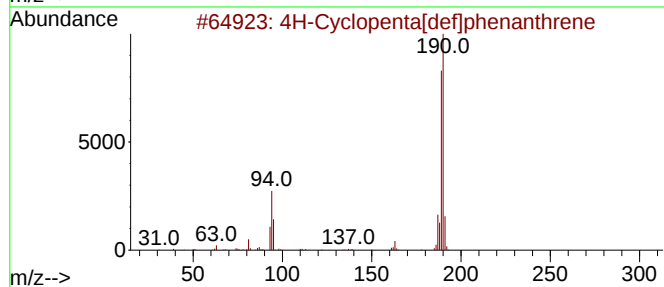
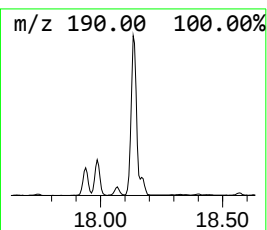
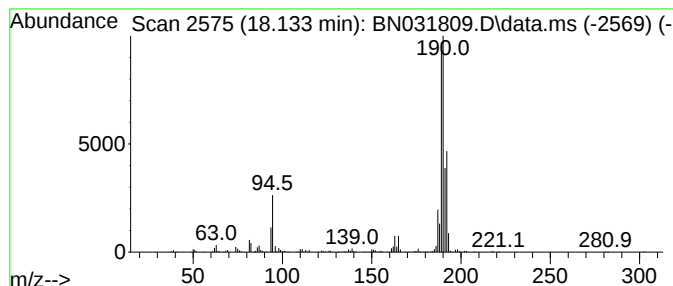
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	3.53 ng/ul	951630	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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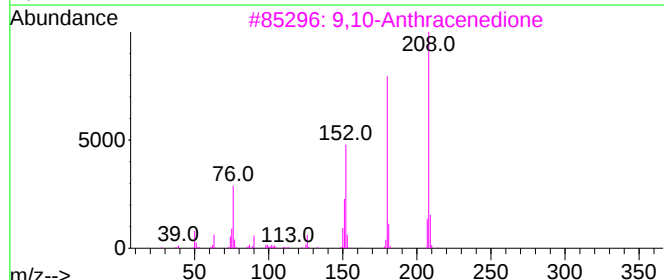
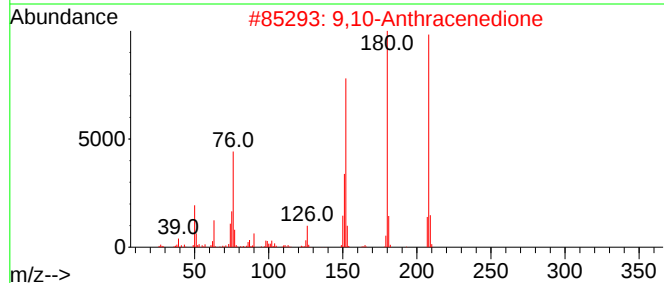
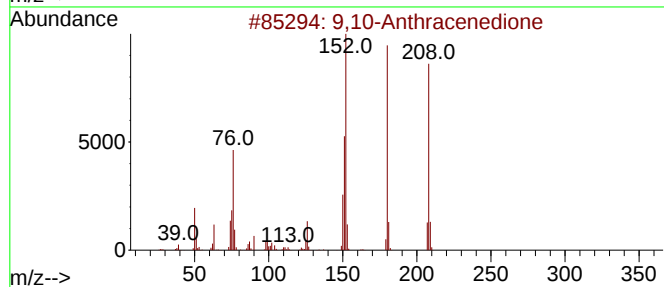
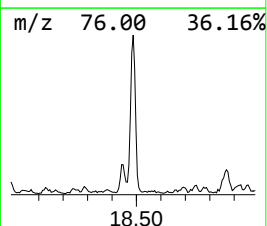
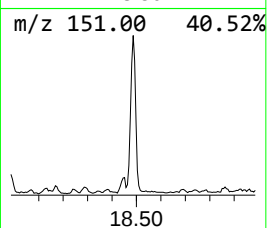
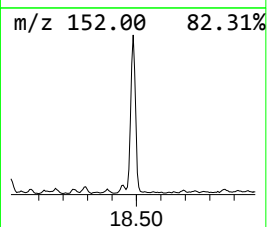
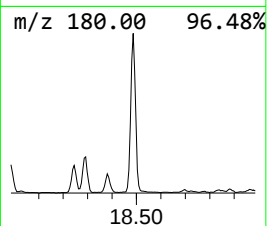
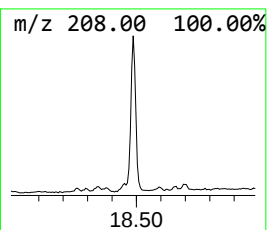
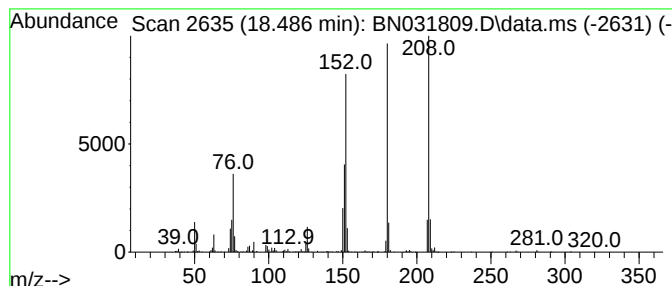
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	2.45 ng/ul	661666	Phenanthrene-d10	17.063

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	97
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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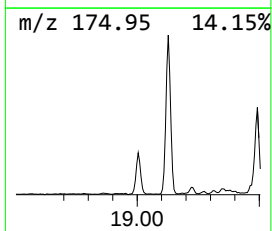
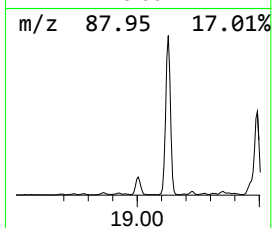
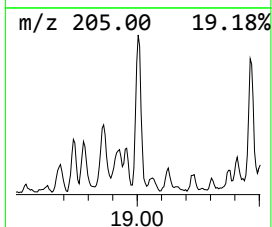
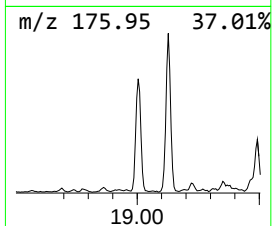
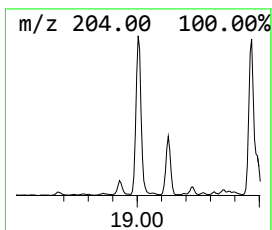
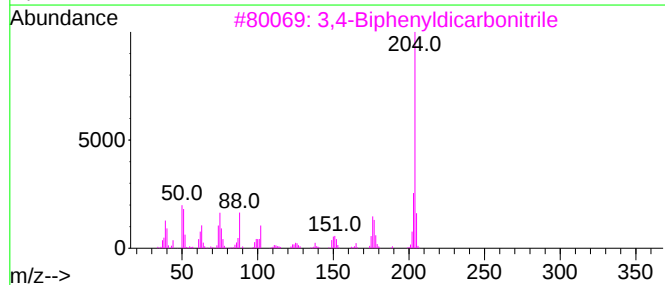
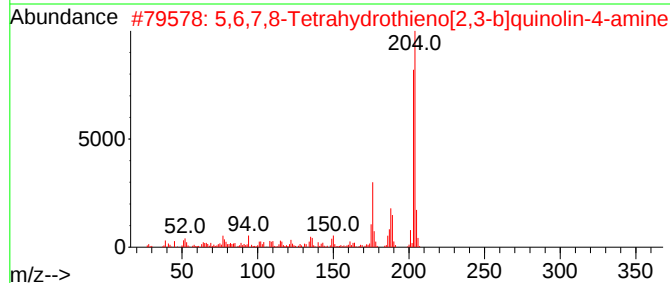
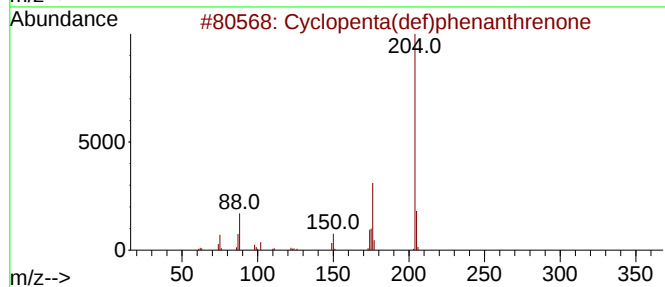
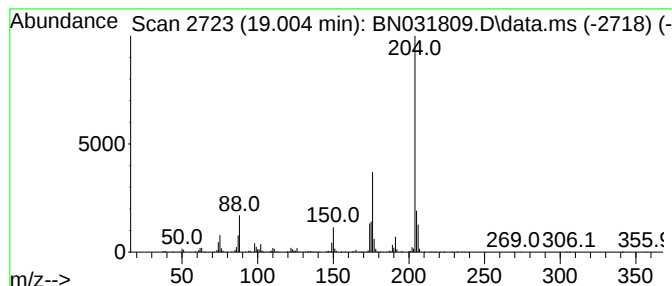
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	2.26 ng/ul	610214	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	98
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4			Multifidin, 4TMS derivative	547	C23H49NO6Si4	1000480-87-0	50
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ7DL

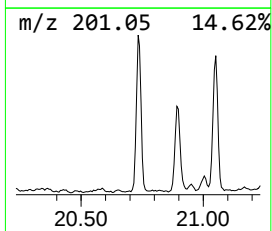
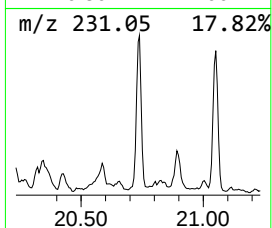
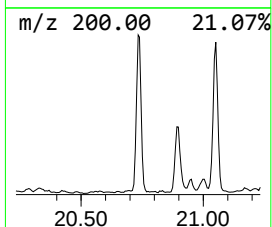
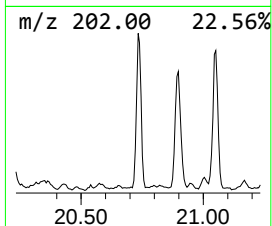
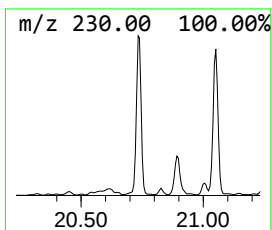
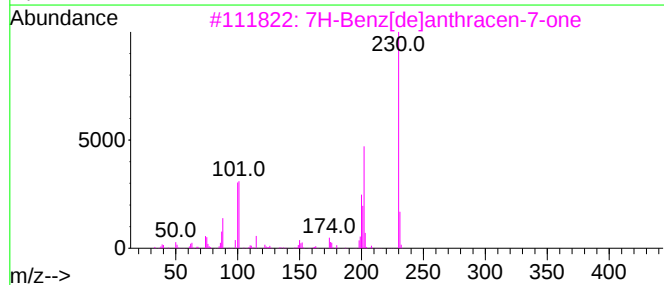
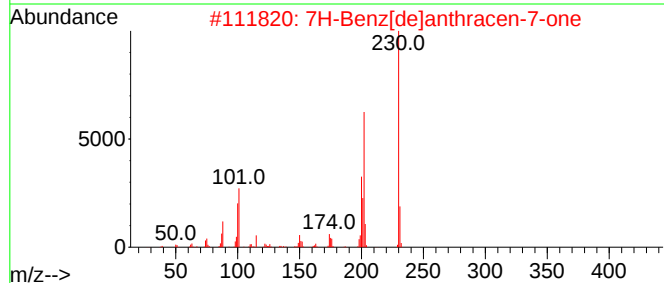
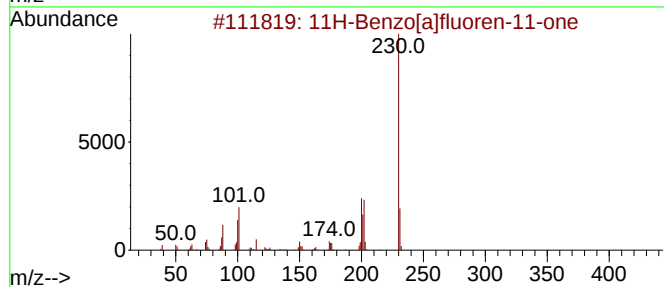
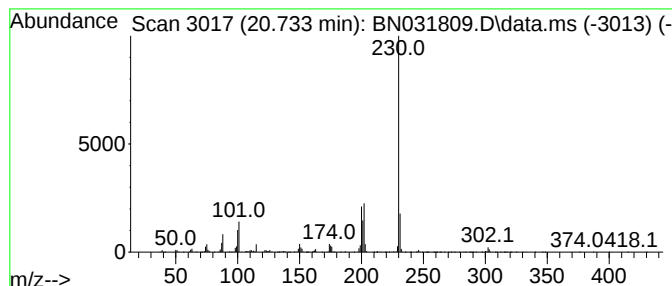
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.733	2.45 ng/ul	1458740	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
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	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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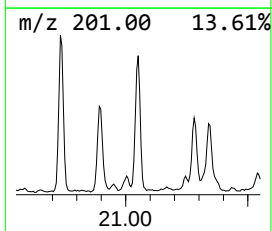
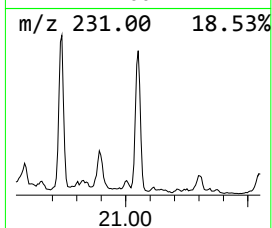
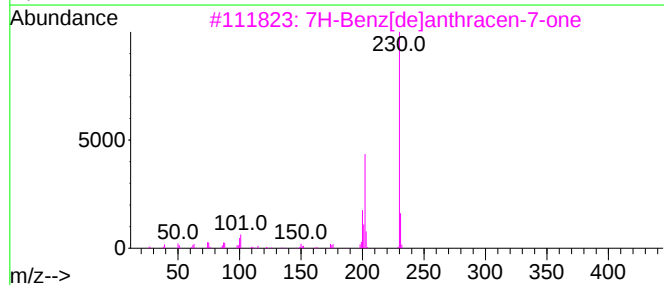
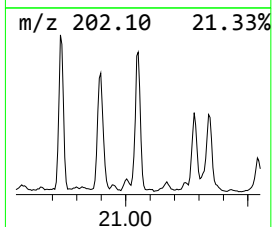
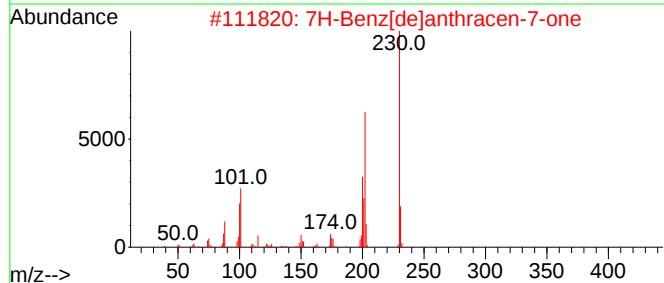
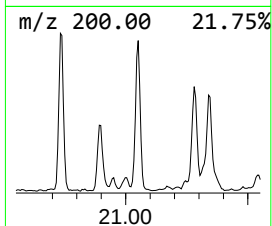
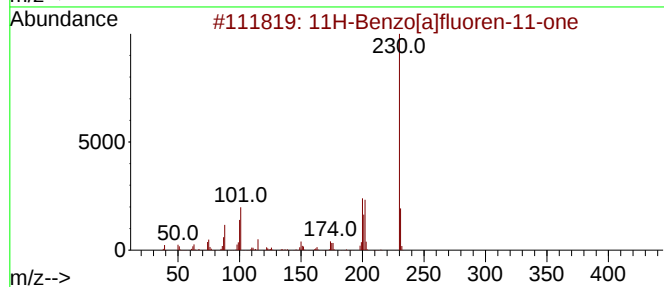
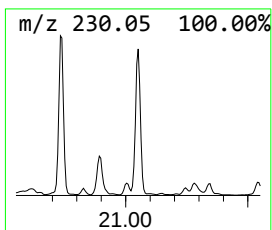
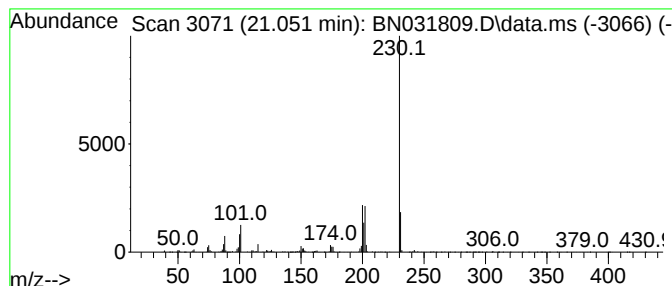
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 7H-Benz[de]anthracen-7-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.53 ng/ul	1503960	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one			230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	74
5	6H-Benz[de]anthracen-6-one			230	C17H10O	080252-14-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031809.D
Acq On : 05 Jun 2024 21:04
Operator : MA/JU
Sample : P2591-16DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Phenanthrene, 2...	17.939	2.6	ng/u1	691591	4	17.063	5390690	20.0
Anthracene, 2-m...	17.986	3.5	ng/u1	930052	4	17.063	5390690	20.0
4H-Cyclopenta[d...	18.133	3.5	ng/u1	951630	4	17.063	5390690	20.0
9,10-Anthracene...	18.486	2.5	ng/u1	661666	4	17.063	5390690	20.0
Cyclopenta(def)...	19.004	2.3	ng/u1	610214	4	17.063	5390690	20.0
11H-Benzo[a]flu...	20.733	2.5	ng/u1	1458740	5	21.298	11908800	20.0
7H-Benz[de]anth...	21.051	2.5	ng/u1	1503960	5	21.298	11908800	20.0