

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031709.D
 Acq On : 30 May 2024 05:47
 Operator : MA/JU
 Sample : P2569-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH645

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: BN031709.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	46	rVB	87279	136942	0.84%	0.061%
2	3.464	77	81	92	rVB	94386	152708	0.94%	0.068%
3	3.605	101	105	118	rBV	919861	1583109	9.70%	0.707%
4	3.711	118	123	131	rVV	554912	780956	4.79%	0.349%
5	4.469	247	252	259	rVB	83854	126830	0.78%	0.057%
6	4.911	323	327	338	rVB	93986	155500	0.95%	0.069%
7	6.858	648	658	667	rBV	1719152	2754903	16.89%	1.230%
8	7.028	681	687	697	rVB	1388657	2191072	13.43%	0.978%
9	7.222	713	720	729	rVB	1728737	2774458	17.01%	1.239%
10	7.687	791	799	807	rBV	1824613	2982050	18.28%	1.331%
11	8.393	910	919	926	rBV	1859709	3058521	18.75%	1.365%
12	8.846	988	996	1003	rBV	1603586	2659683	16.30%	1.187%
13	9.410	1081	1092	1098	rBV	179724	287371	1.76%	0.128%
14	9.557	1110	1117	1124	rBV	1239697	2112184	12.95%	0.943%
15	10.093	1201	1208	1219	rVB	2186444	3684339	22.58%	1.645%
16	10.475	1263	1273	1279	rBV	2620644	4511975	27.65%	2.014%
17	10.610	1289	1296	1312	rVV	773183	1432477	8.78%	0.639%
18	11.210	1392	1398	1404	rVV	187507	342210	2.10%	0.153%
19	12.140	1548	1556	1564	rVB	61725	106843	0.65%	0.048%
20	13.157	1723	1729	1735	rVV2	64054	111422	0.68%	0.050%
21	13.645	1806	1812	1817	rBV	83618	148068	0.91%	0.066%
22	13.745	1823	1829	1839	rVB	3718447	5325870	32.64%	2.377%
23	14.022	1864	1876	1892	rBV2	4361007	7608050	46.63%	3.396%
24	14.328	1919	1928	1934	rVV	3933850	5873957	36.00%	2.622%
25	14.392	1934	1939	1947	rVB	224486	364929	2.24%	0.163%
26	14.528	1956	1962	1972	rBV	1600486	2697013	16.53%	1.204%
27	14.634	1974	1980	1984	rVV3	46018	118031	0.72%	0.053%
28	14.687	1984	1989	1992	rVV	221195	320565	1.96%	0.143%
29	14.728	1992	1996	2004	rVV2	190890	377376	2.31%	0.168%
30	14.951	2026	2034	2038	rBV5	73621	165842	1.02%	0.074%
31	15.116	2056	2062	2067	rBV6	67443	158213	0.97%	0.071%
32	15.322	2091	2097	2103	rVV	5623614	8082314	49.54%	3.608%
33	15.381	2103	2107	2113	rVV2	289072	450228	2.76%	0.201%
34	15.445	2113	2118	2124	rVV	815422	1160117	7.11%	0.518%
35	15.675	2152	2157	2167	rVB2	149774	286235	1.75%	0.128%
36	15.816	2174	2181	2189	rVB2	149615	353910	2.17%	0.158%

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Integrator: RTE

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37	15.904	2190	2196	2205	rVB2	48291	125933	0.77%	0.056%
38	16.051	2217	2221	2228	rVB5	160029	282676	1.73%	0.126%
39	16.381	2267	2277	2282	rBV3	164454	451858	2.77%	0.202%
40	16.428	2282	2285	2291	rVB2	117527	177788	1.09%	0.079%
41	16.610	2309	2316	2319	rBV3	130113	235217	1.44%	0.105%
42	16.651	2319	2323	2326	rVB2	121872	165031	1.01%	0.074%
43	16.728	2332	2336	2345	rVB	320759	517357	3.17%	0.231%
44	16.810	2345	2350	2351	rBV2	148500	215826	1.32%	0.096%
45	16.892	2360	2364	2373	rVB	326176	505999	3.10%	0.226%
46	17.075	2389	2395	2399	rBV	4422262	6588839	40.38%	2.941%
47	17.116	2399	2402	2407	rVV	6157149	8696851	53.31%	3.882%
48	17.175	2407	2412	2416	rVV	5552269	8364188	51.27%	3.734%
49	17.210	2416	2418	2423	rVV	1599349	1714034	10.51%	0.765%
50	17.263	2423	2427	2433	rVB3	206245	361695	2.22%	0.161%
51	17.481	2456	2464	2468	rBV2	577974	989268	6.06%	0.442%
52	17.598	2480	2484	2488	rBV2	171291	236722	1.45%	0.106%
53	17.657	2490	2494	2503	rVB2	237904	380662	2.33%	0.170%
54	17.792	2514	2517	2523	rVB2	102393	165903	1.02%	0.074%
55	17.869	2526	2530	2534	rBV	139725	194134	1.19%	0.087%
56	17.951	2539	2544	2546	rVV	1300165	1928168	11.82%	0.861%
57	17.998	2546	2552	2557	rVV2	1849453	4038385	24.75%	1.803%
58	18.051	2557	2561	2563	rVV	644295	922634	5.66%	0.412%
59	18.075	2563	2565	2570	rVV	592807	833404	5.11%	0.372%
60	18.145	2571	2577	2580	rVV2	1686598	3201482	19.62%	1.429%
61	18.181	2580	2583	2590	rVB	1028210	1406601	8.62%	0.628%
62	18.451	2625	2629	2633	rBV	833520	1149382	7.04%	0.513%
63	18.492	2633	2636	2642	rVB	763285	1029785	6.31%	0.460%
64	18.580	2648	2651	2657	rVB	148182	199446	1.22%	0.089%
65	18.698	2668	2671	2676	rVV2	411421	508626	3.12%	0.227%
66	18.751	2676	2680	2683	rVV	370496	459837	2.82%	0.205%
67	18.786	2683	2686	2690	rVB	317360	435367	2.67%	0.194%
68	18.875	2696	2701	2705	rBV	909789	1489062	9.13%	0.665%
69	18.933	2705	2711	2714	rVV4	480850	1051653	6.45%	0.469%
70	18.963	2714	2716	2720	rVB	404456	436172	2.67%	0.195%
71	19.016	2720	2725	2732	rBV	811456	1490800	9.14%	0.665%
72	19.139	2740	2746	2752	rVB	11930541	16315256	100.00%	7.283%
73	19.204	2754	2757	2759	rBV	190751	214783	1.32%	0.096%
74	19.239	2760	2763	2764	rBV2	273442	314957	1.93%	0.141%
75	19.257	2764	2766	2769	rVV	202492	230849	1.41%	0.103%
76	19.380	2784	2787	2790	rVB	309713	375023	2.30%	0.167%

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77	19.475	2797	2803	2805	rBV2	6622824	10717590	65.69%	4.784%
78	19.504	2805	2808	2815	rVV	10400965	13639648	83.60%	6.089%
79	19.575	2816	2820	2825	rVB3	648966	1052149	6.45%	0.470%
80	19.680	2835	2838	2843	rVB	581682	782388	4.80%	0.349%
81	19.739	2845	2848	2853	rVB	629803	882196	5.41%	0.394%
82	19.833	2858	2864	2868	rBV2	819532	1947350	11.94%	0.869%
83	19.963	2882	2886	2888	rBV4	570178	930549	5.70%	0.415%
84	19.998	2888	2892	2895	rVB	1353044	1887207	11.57%	0.842%
85	20.098	2906	2909	2912	rVB2	770740	841856	5.16%	0.376%
86	20.151	2913	2918	2923	rBV2	1090315	1783912	10.93%	0.796%
87	20.292	2939	2942	2946	rBV2	683611	849878	5.21%	0.379%
88	20.339	2947	2950	2954	rVB2	666549	928267	5.69%	0.414%
89	20.745	3015	3019	3025	rVB	1300465	1671683	10.25%	0.746%
90	20.957	3052	3055	3058	rBV	939546	1074341	6.58%	0.480%
91	20.998	3058	3062	3068	rVV2	1501759	2564261	15.72%	1.145%
92	21.057	3069	3072	3079	rVB	1296887	1884596	11.55%	0.841%
93	21.292	3107	3112	3119	rBV3	5660005	13337288	81.75%	5.954%
94	21.351	3119	3122	3134	rVB	4664711	7289528	44.68%	3.254%
95	21.492	3143	3146	3153	rBV2	473021	902992	5.53%	0.403%
96	23.327	3451	3458	3465	rBV	2887940	8457154	51.84%	3.775%
97	23.980	3565	3569	3575	rVV	1193874	2430807	14.90%	1.085%
98	24.051	3576	3581	3586	rVV2	1904139	4311478	26.43%	1.925%
99	24.115	3587	3592	3604	rVB	2676525	6543700	40.11%	2.921%
100	24.251	3610	3615	3622	rBV	1522869	3466915	21.25%	1.548%

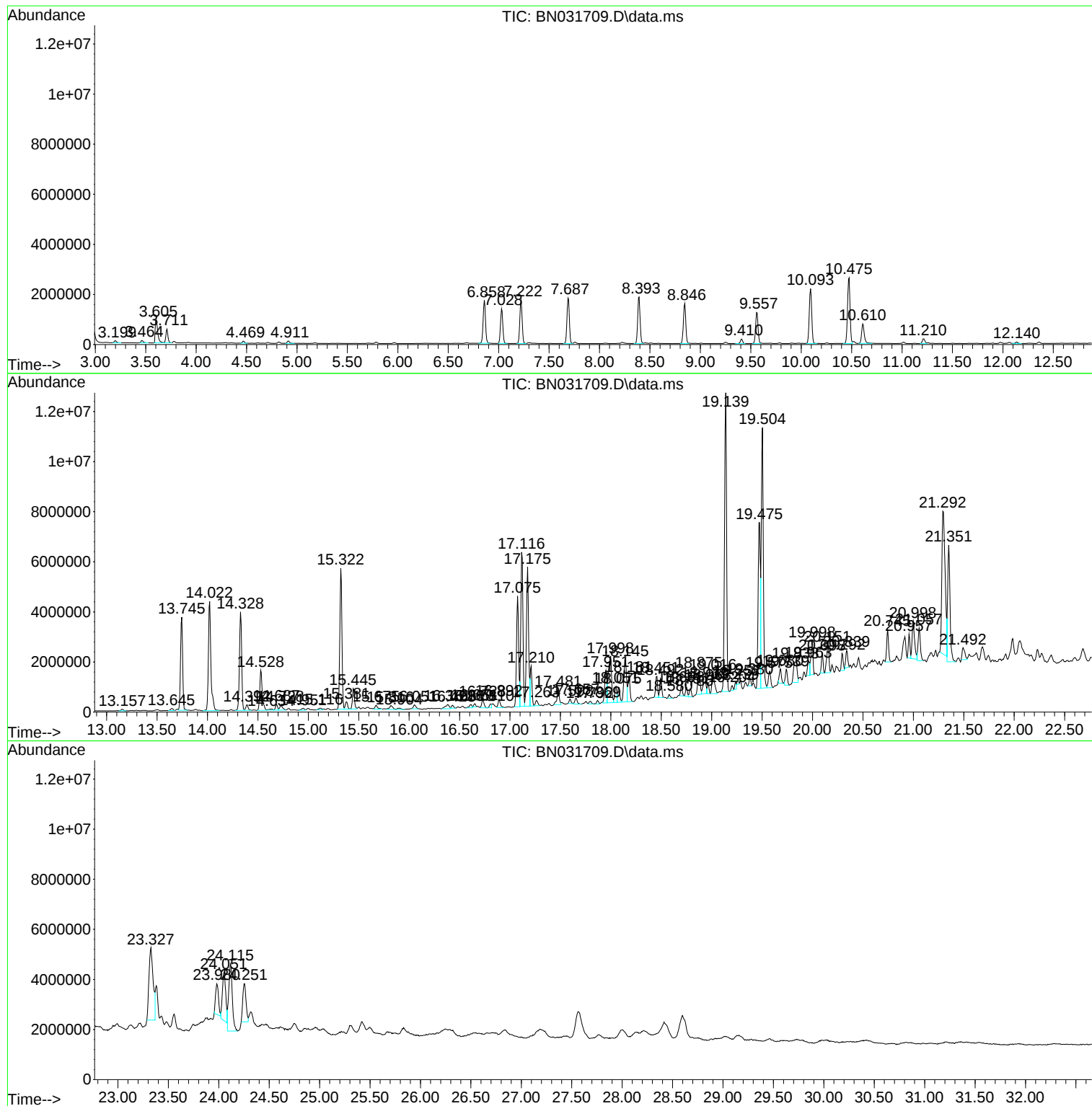
Sum of corrected areas: 224015657

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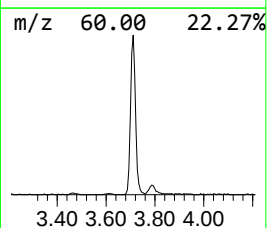
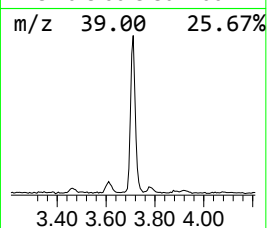
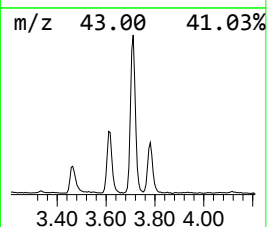
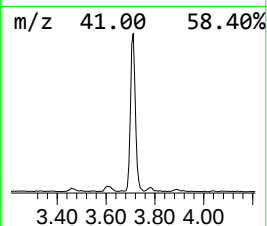
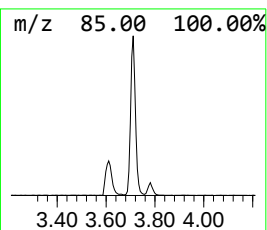
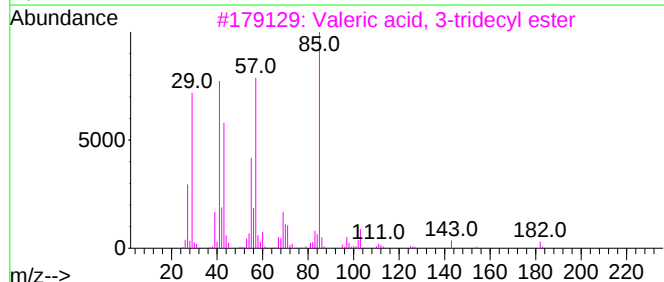
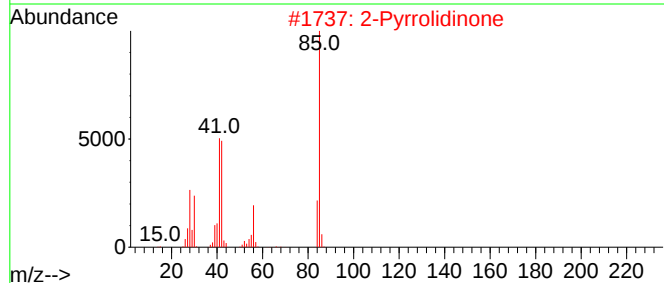
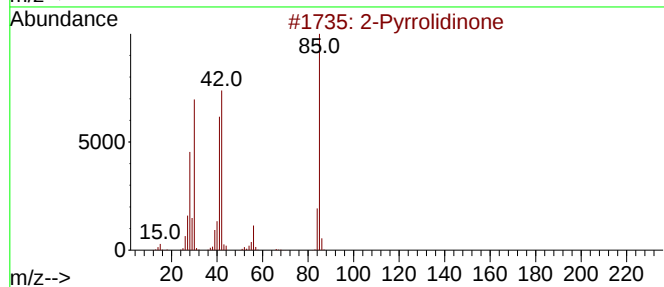
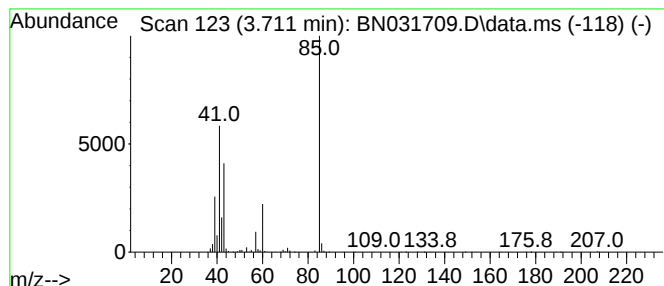
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.711	5.24 ng/ul	780956	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone			85	C4H7NO	000616-45-5	33
2	2-Pyrrolidinone			85	C4H7NO	000616-45-5	9
3	Valeric acid, 3-tridecyl ester			284	C18H36O2	1000281-98-9	9
4	2-Furanmethanol, tetrahydro-5-me...			116	C6H12O2	054774-28-6	9
5	Butane, 1-isocyano-			83	C5H9N	002769-64-4	9



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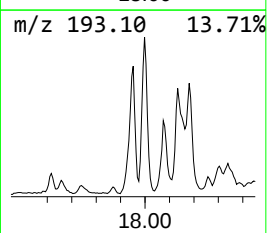
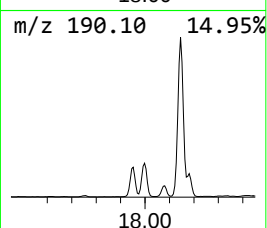
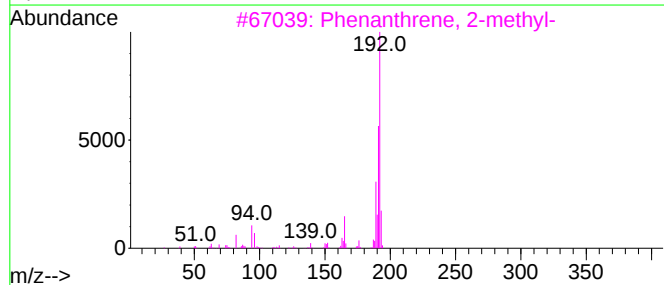
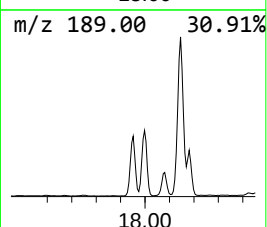
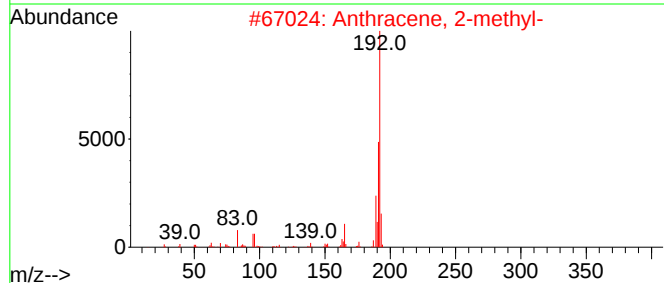
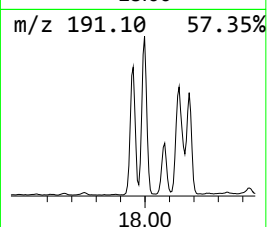
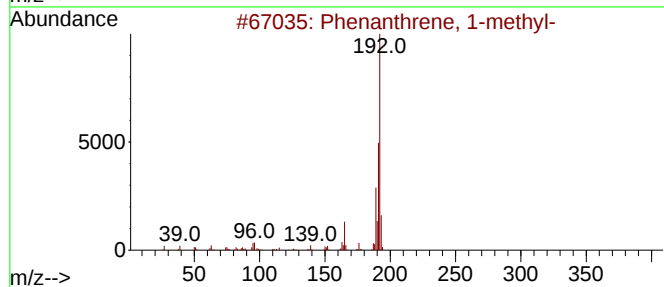
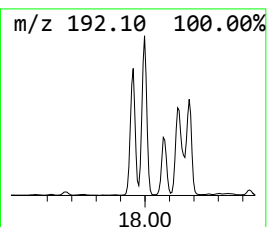
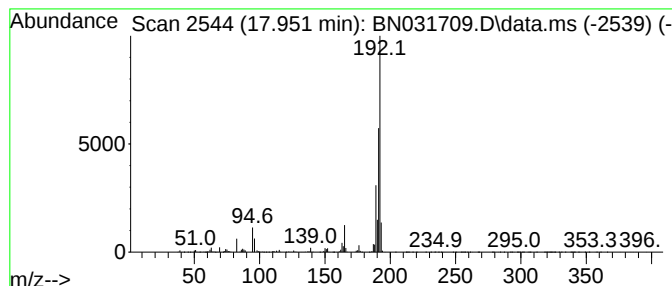
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	5.85 ng/ul	1928170	Phenanthrene-d10	17.075

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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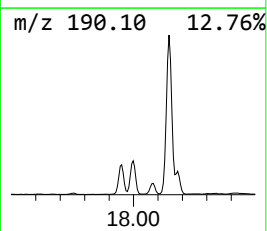
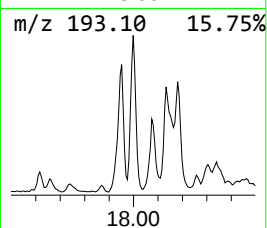
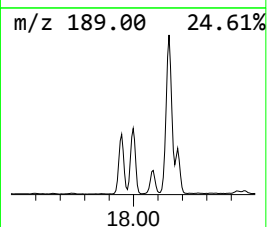
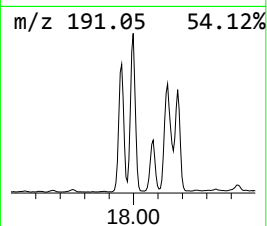
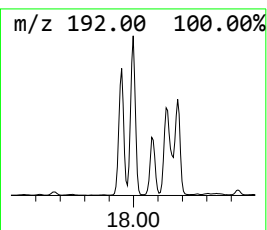
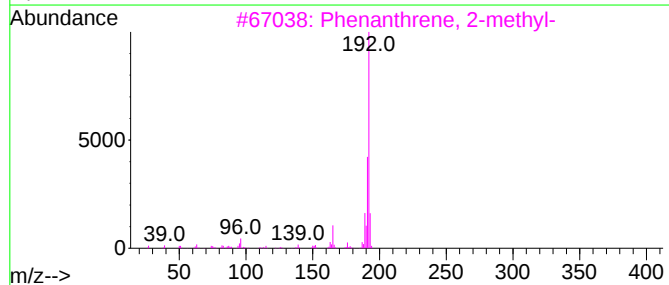
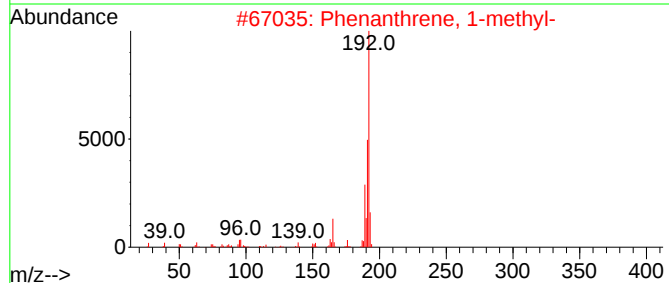
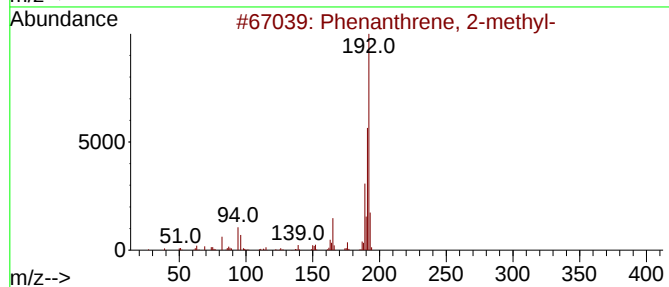
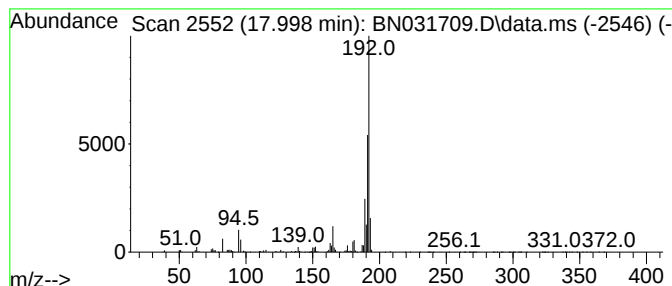
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	12.26 ng/ul	4038390	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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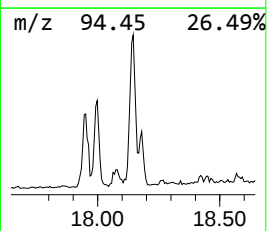
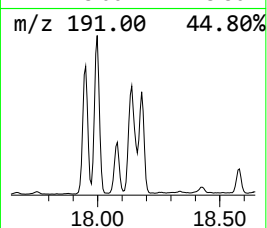
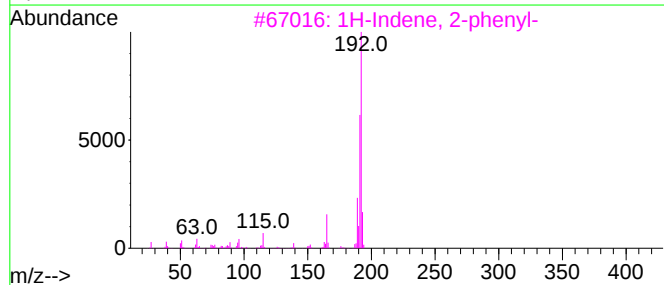
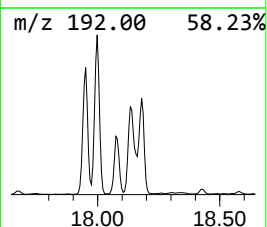
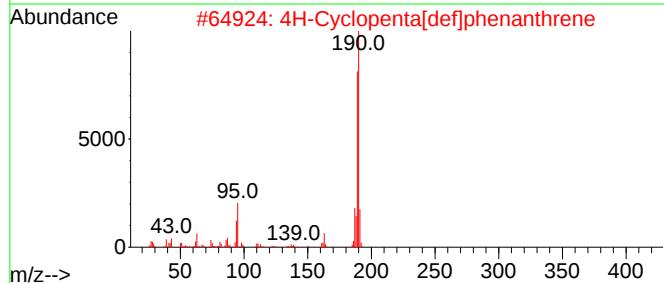
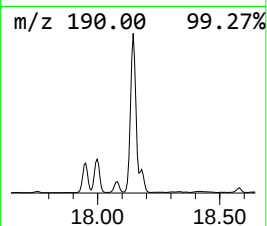
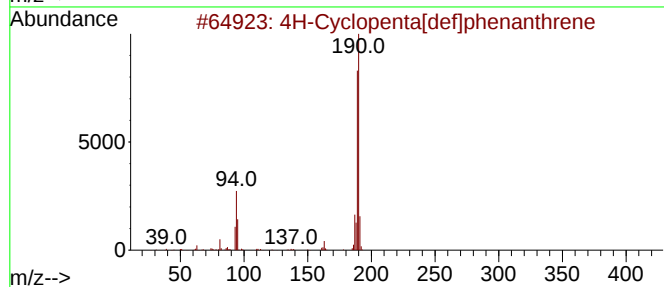
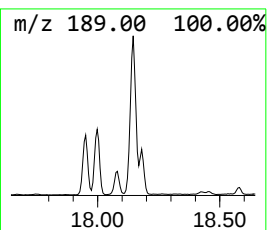
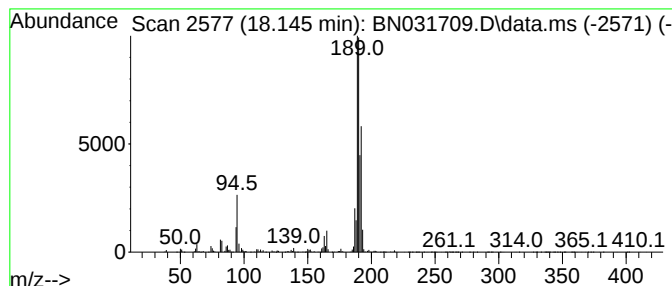
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	9.72 ng/ul	3201480	Phenanthrene-d10	17.075

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	55
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
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Sample : P2569-05
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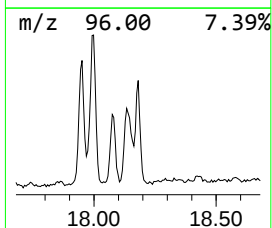
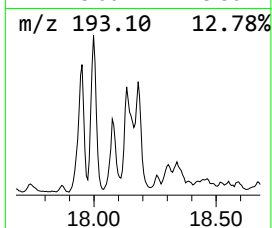
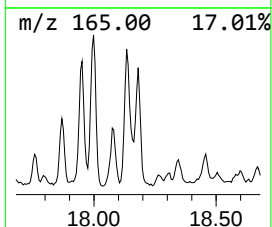
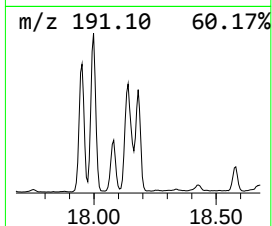
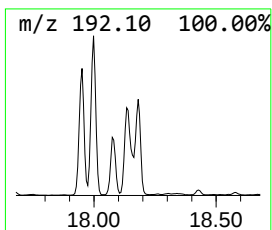
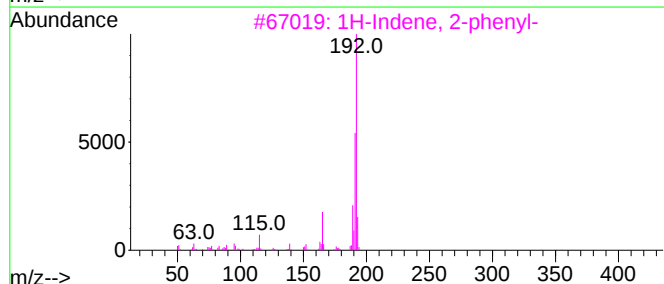
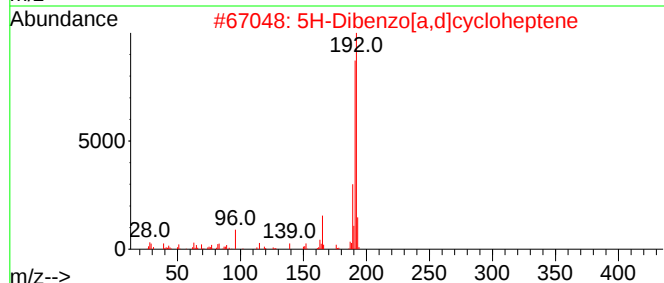
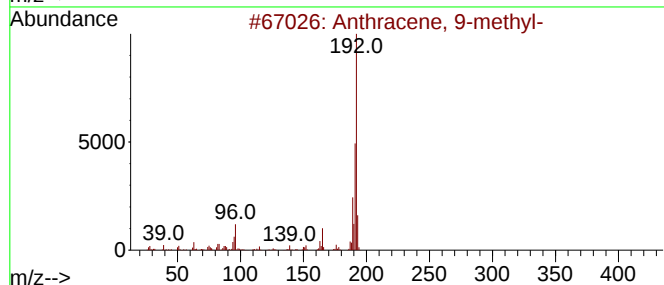
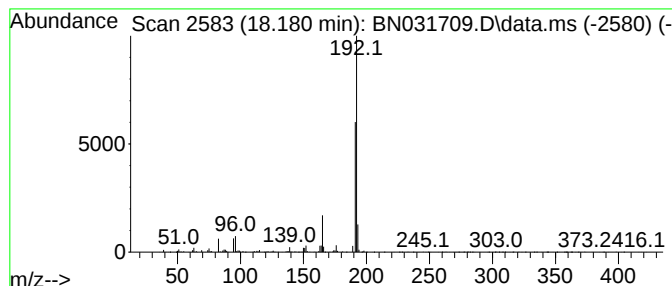
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	4.27 ng/ul	1406600	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
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Instrument :
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ClientSampleId :
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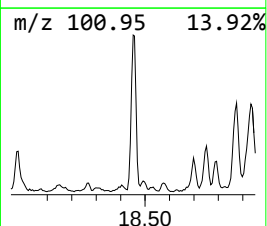
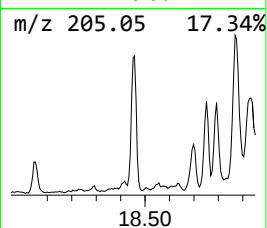
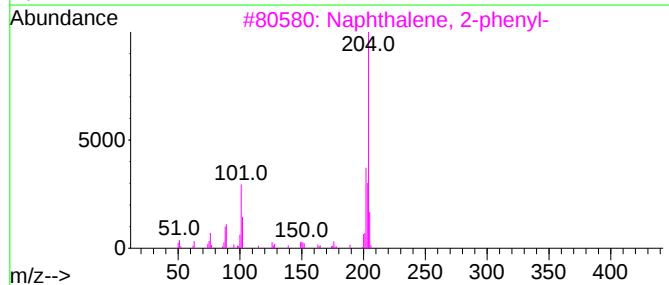
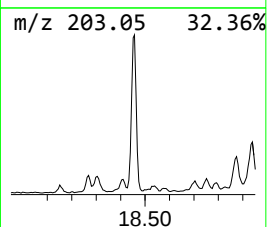
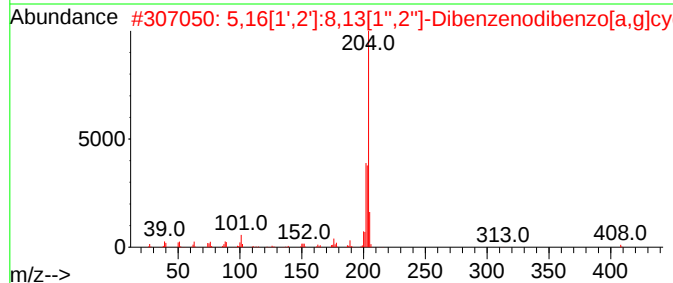
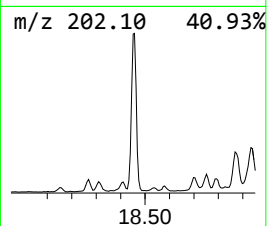
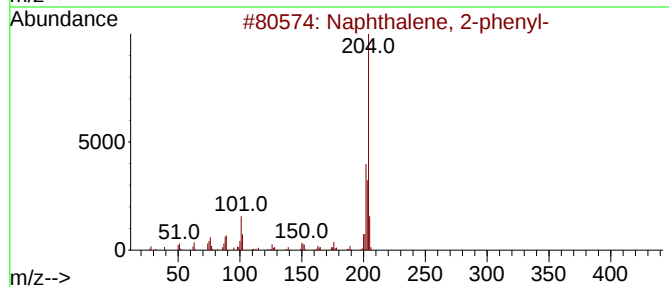
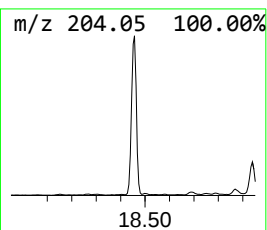
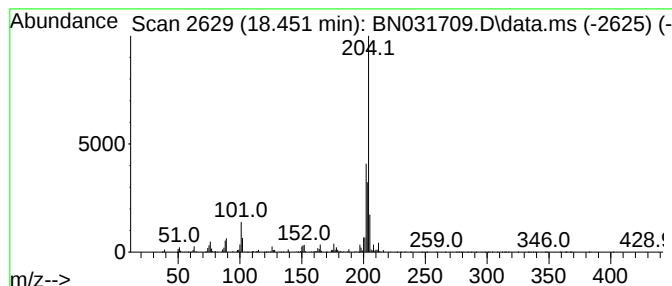
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.49 ng/ul	1149380	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Acq On : 30 May 2024 05:47
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Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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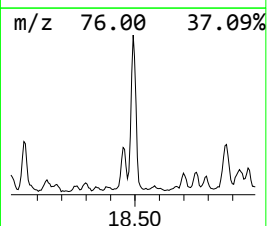
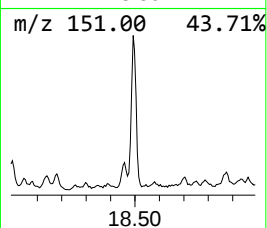
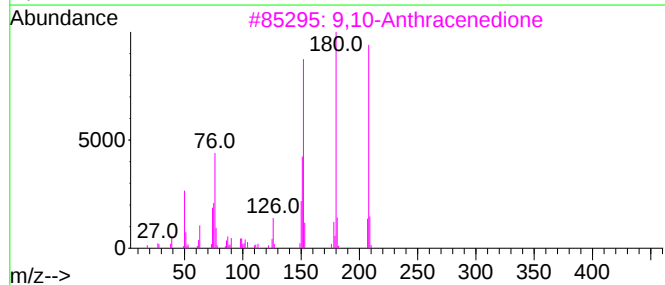
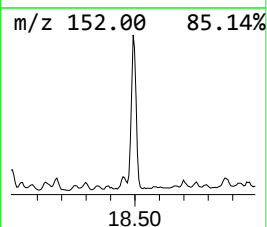
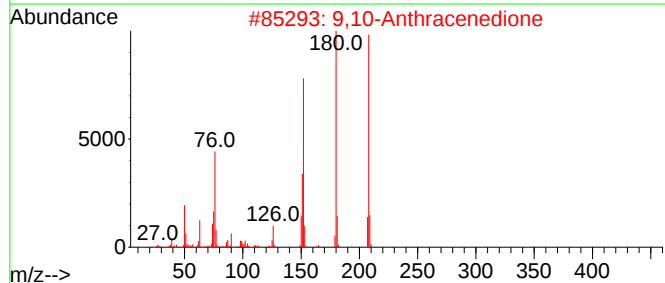
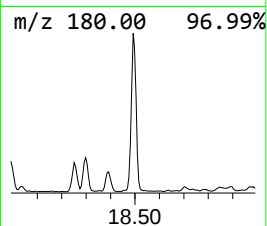
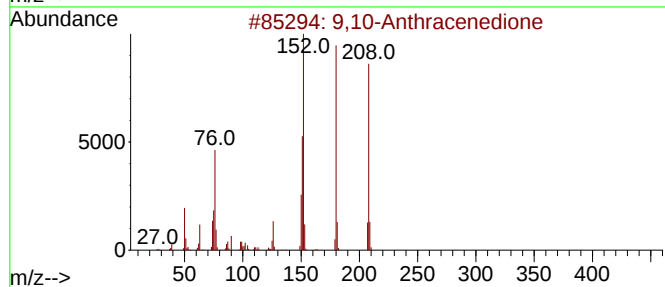
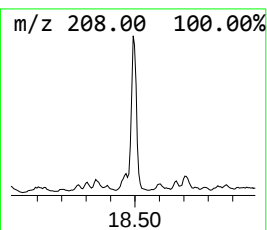
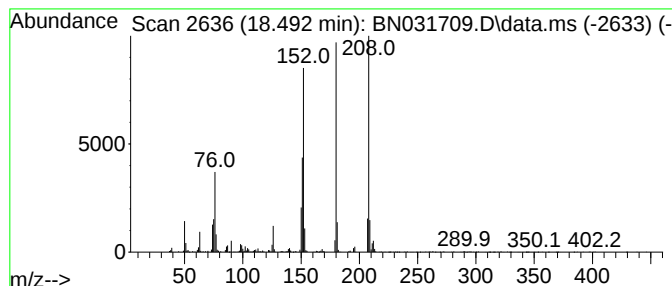
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	3.13 ng/ul	1029790	Phenanthrene-d10	17.075

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	98
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70



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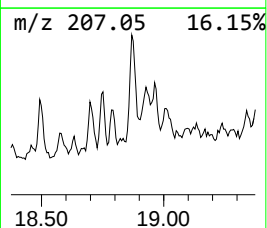
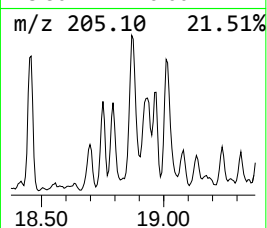
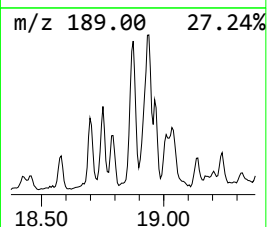
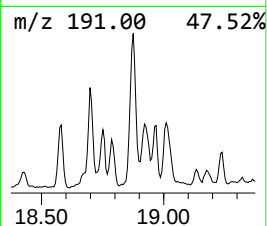
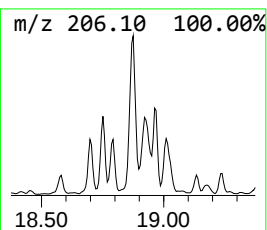
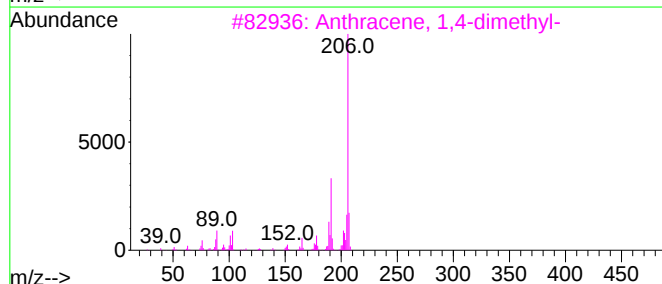
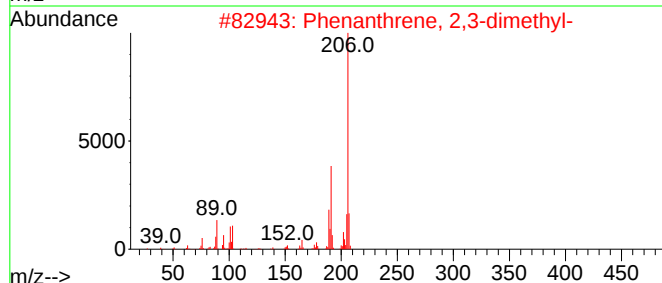
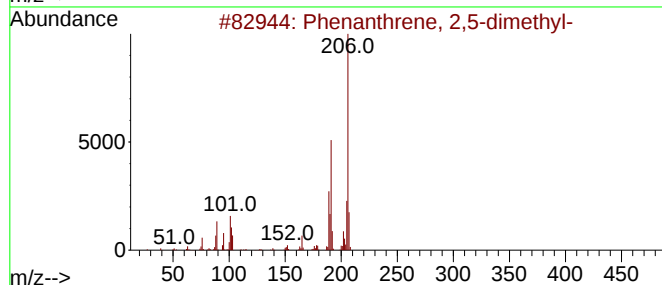
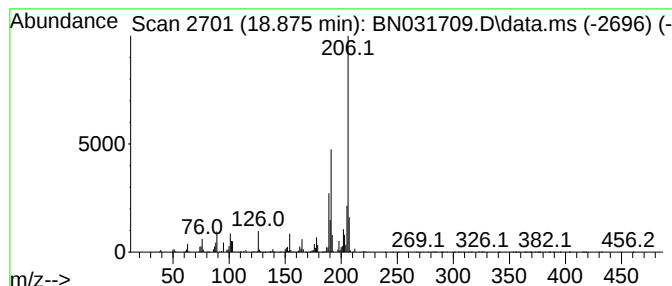
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	4.52 ng/ul	1489060	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



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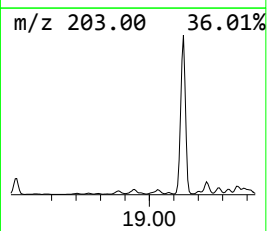
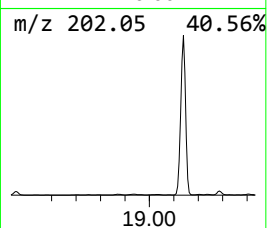
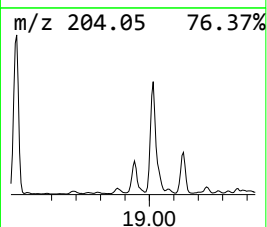
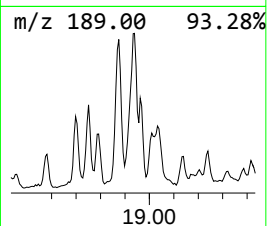
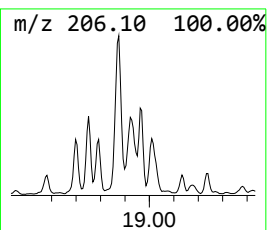
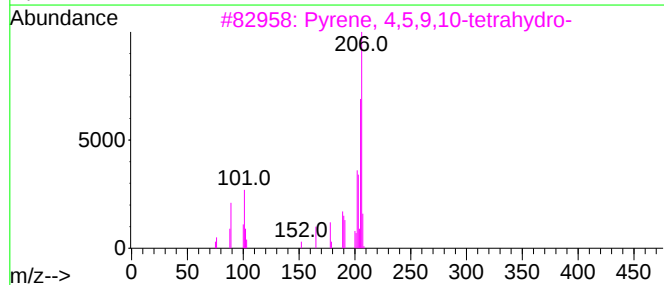
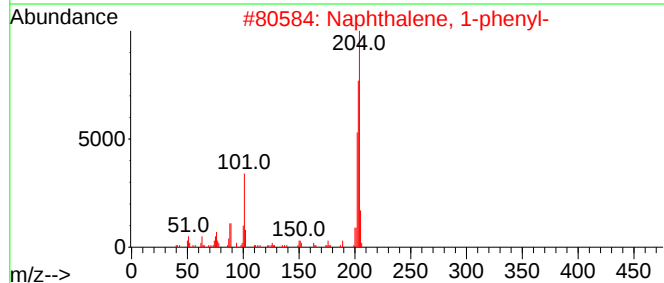
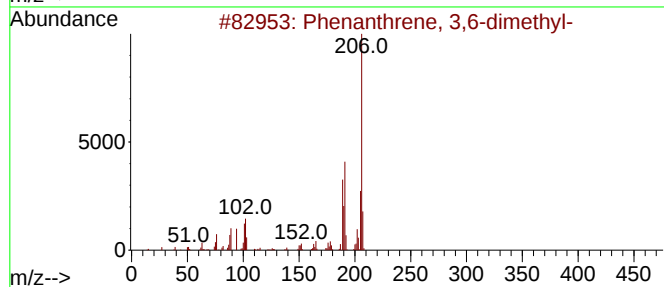
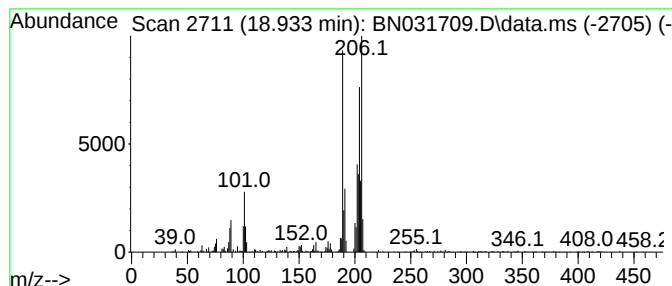
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	3.19 ng/ul	1051650	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
3			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
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ALS Vial : 20 Sample Multiplier: 1

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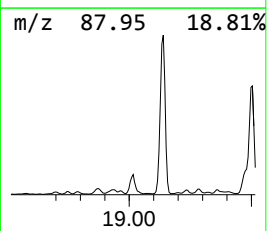
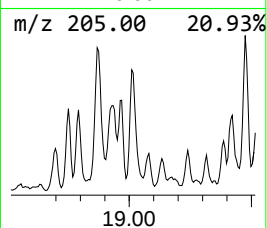
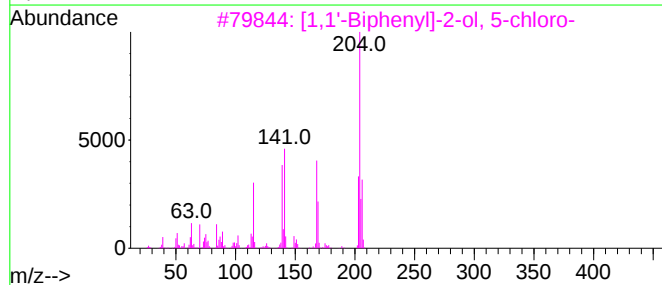
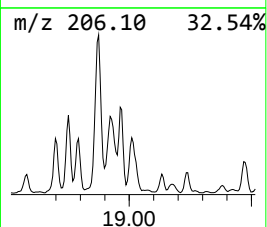
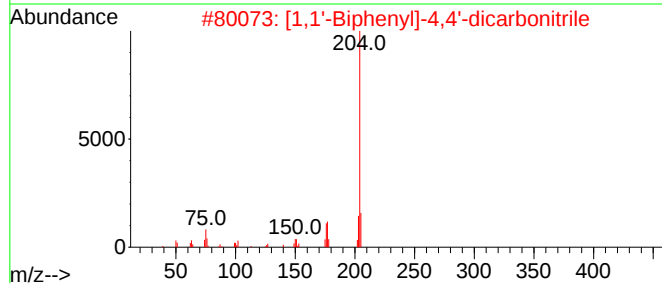
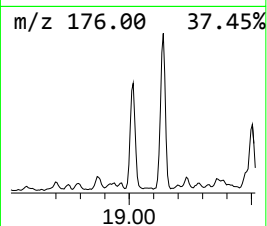
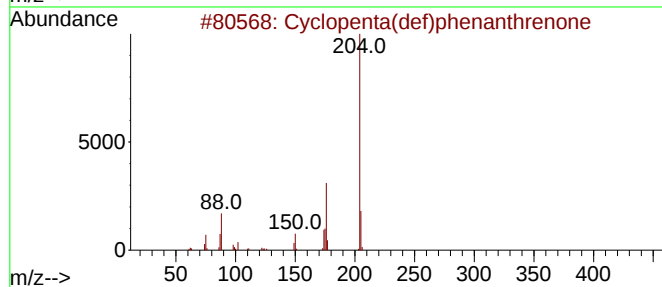
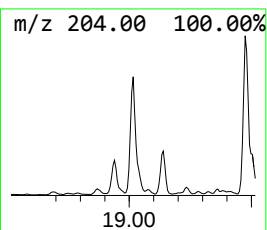
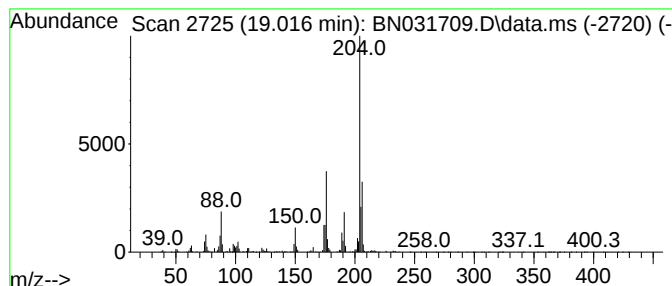
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	4.53 ng/ul	1490800	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
4			L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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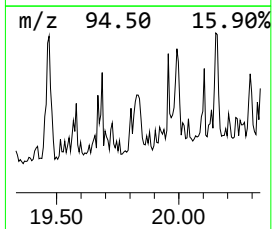
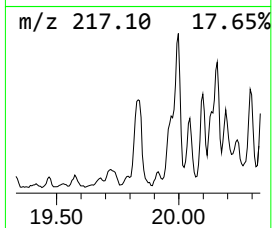
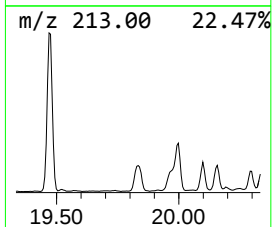
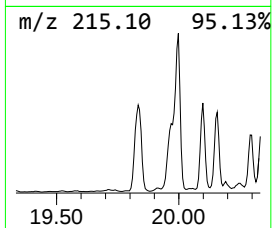
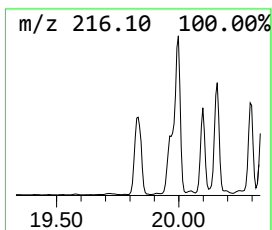
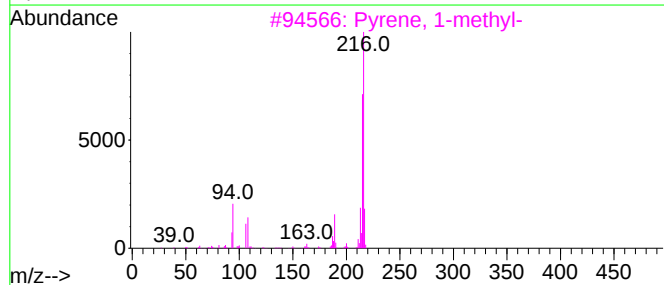
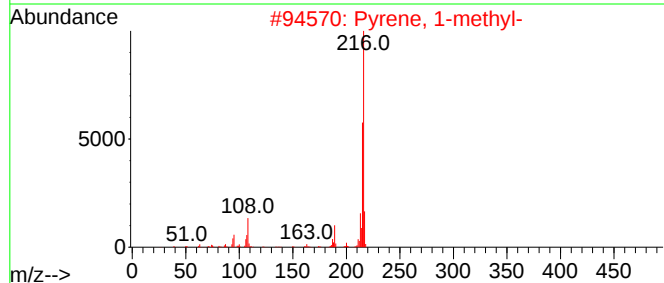
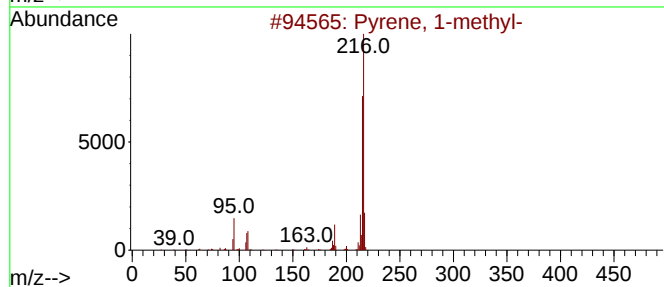
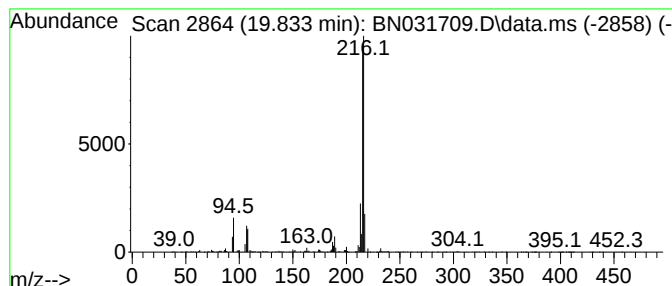
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.833	2.92 ng/ul	1947350	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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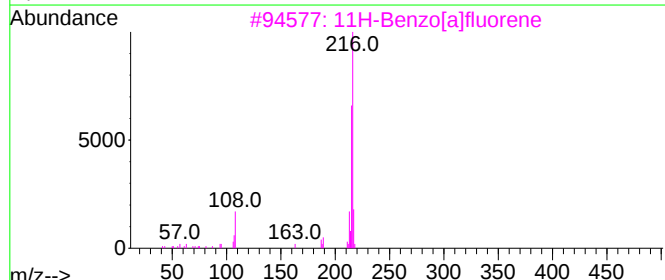
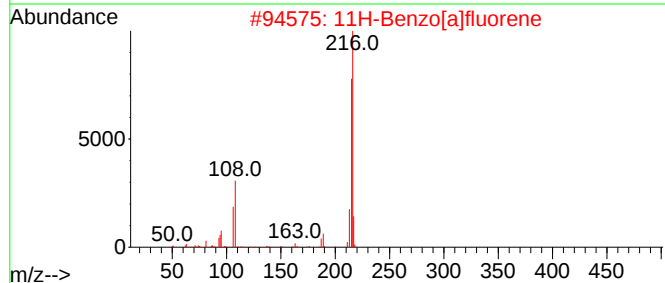
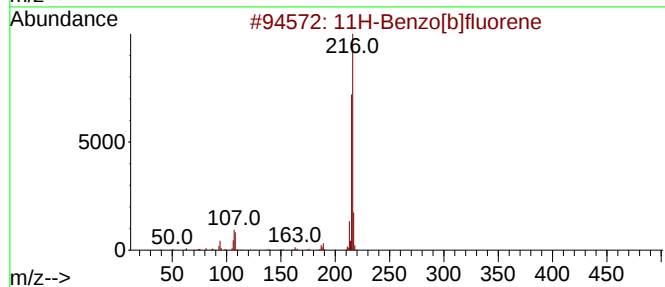
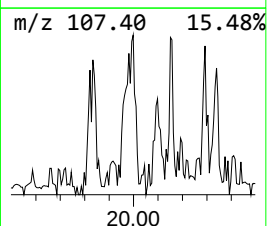
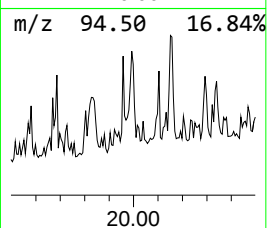
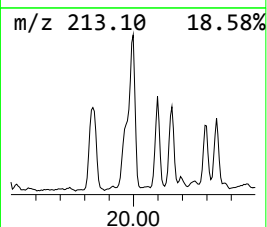
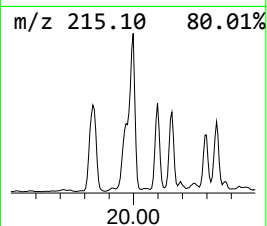
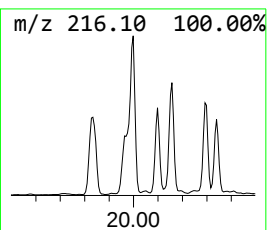
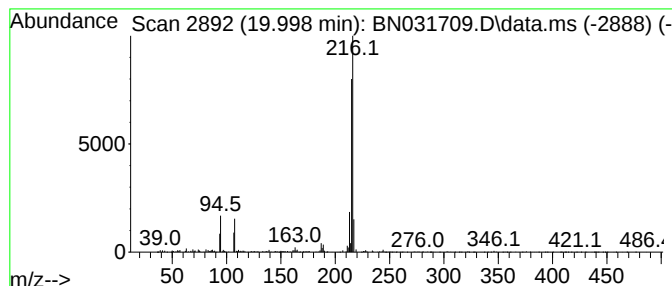
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	2.83 ng/ul	1887210	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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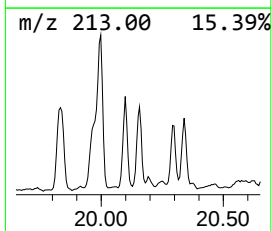
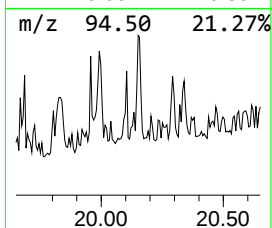
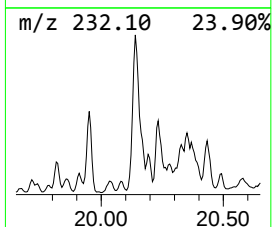
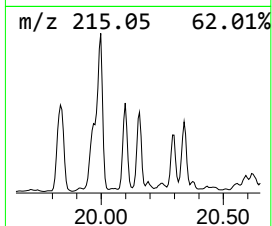
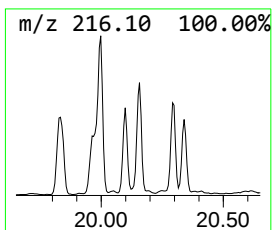
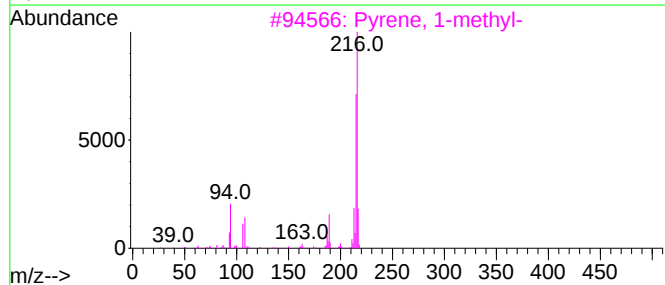
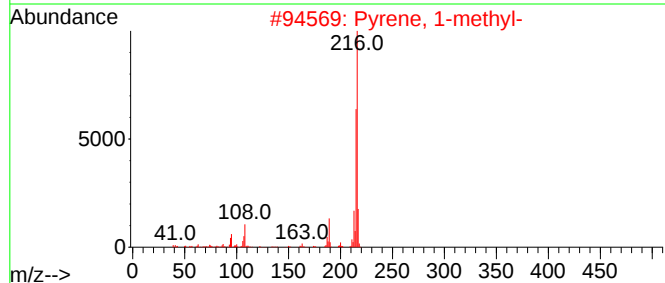
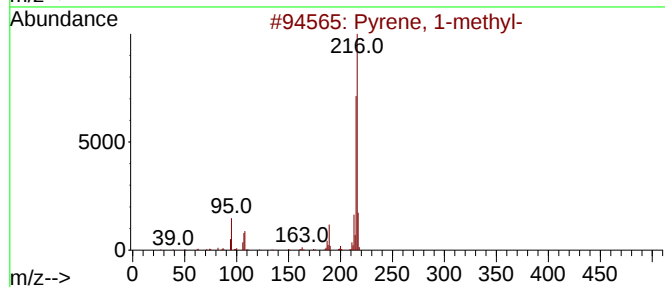
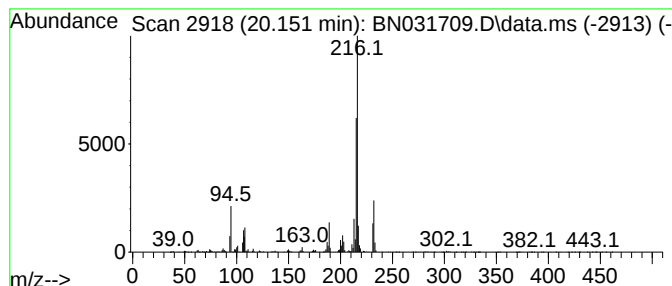
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.68 ng/ul	1783910	Chrysene-d12	21.310

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	92
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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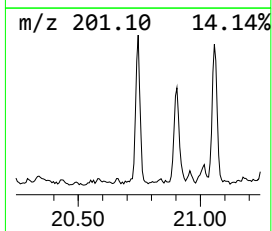
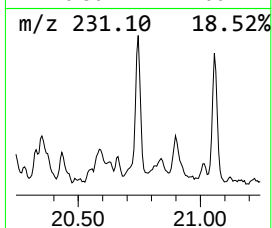
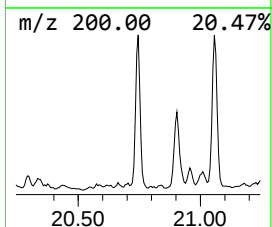
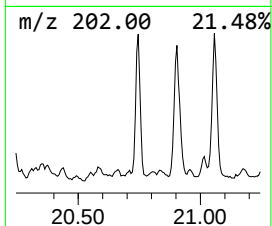
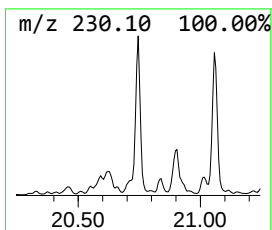
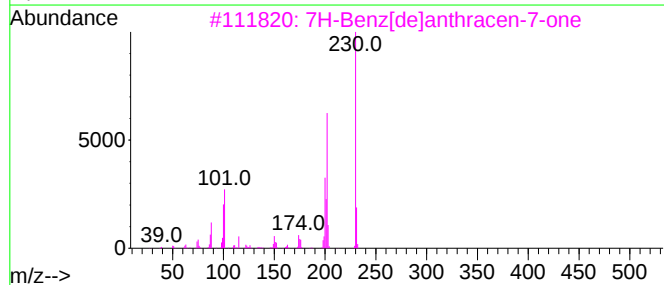
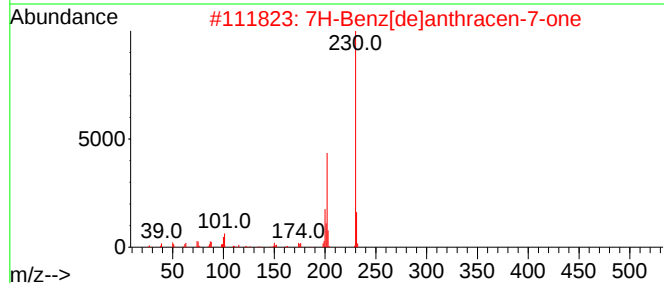
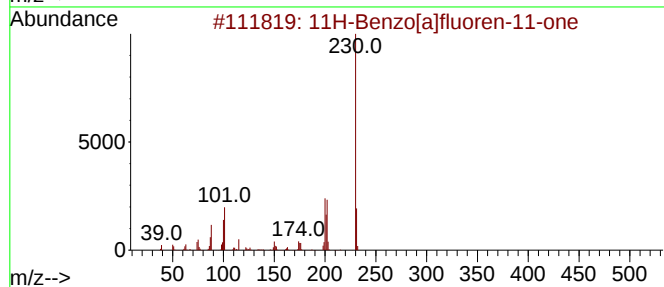
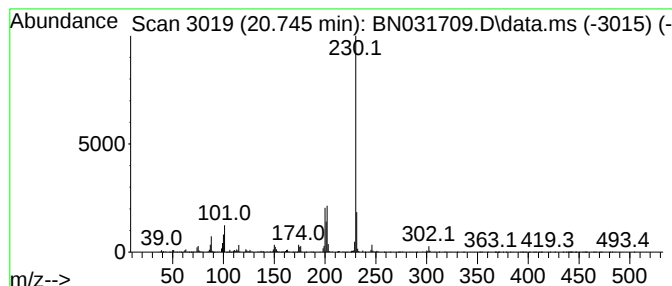
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	2.51 ng/ul	1671680	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
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	90
5		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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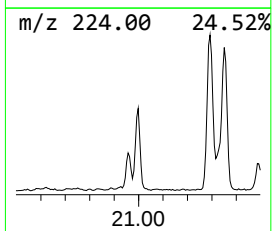
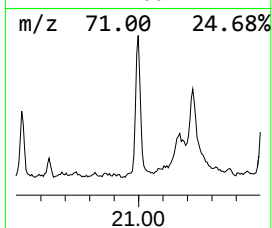
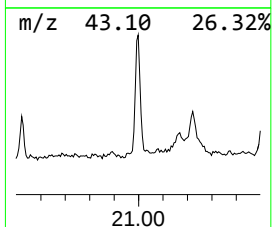
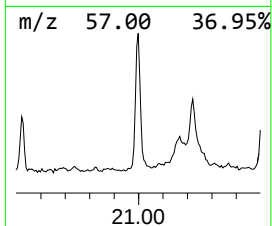
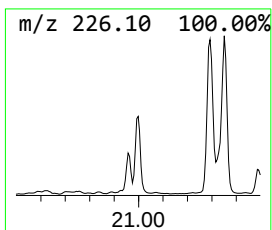
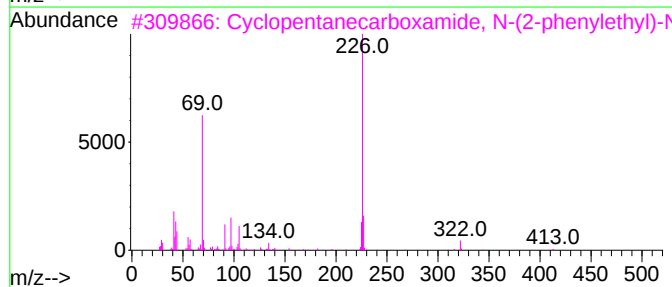
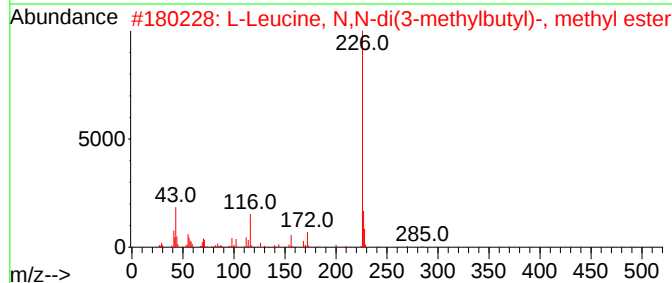
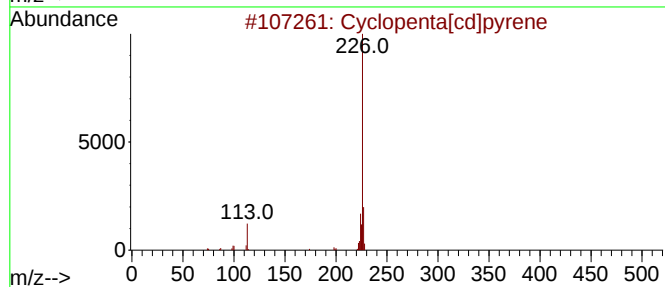
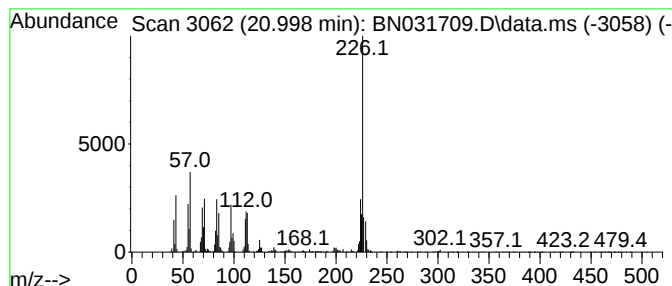
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	3.85 ng/ul	2564260	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2			L-Leucine, N,N-di(3-methylbutyl)...	285	C17H35NO2	1000452-94-0	43
3			Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	42
4			2,7-Diamino-9H-xanthen-9-one	226	C13H10N2O2	019706-54-8	38
5			5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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Misc :
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ClientSampleId :
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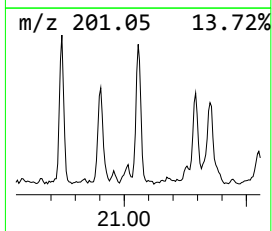
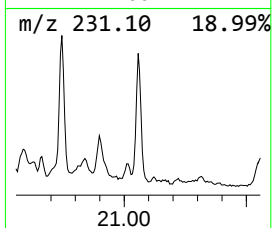
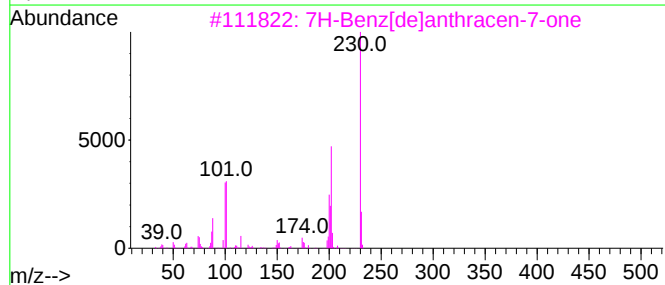
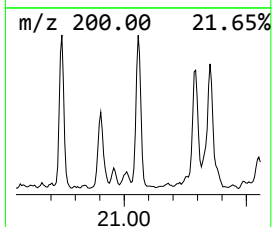
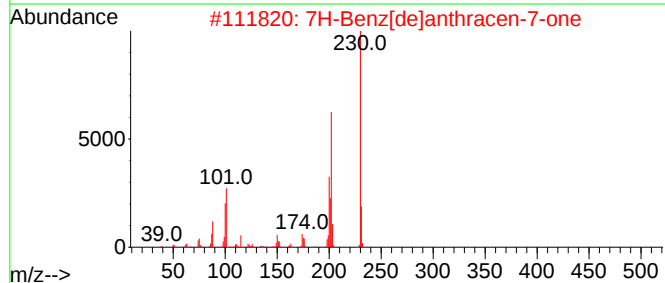
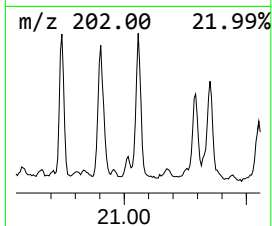
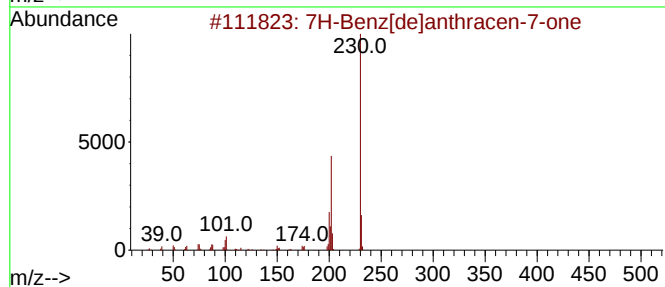
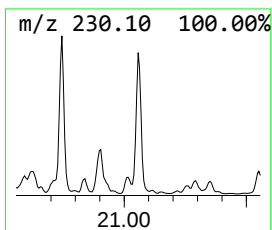
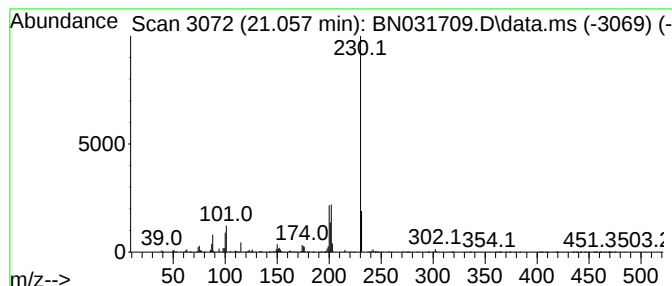
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.83 ng/ul	1884600	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
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		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH645

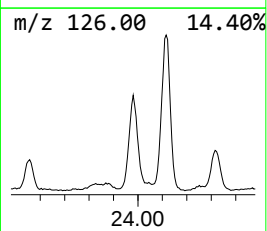
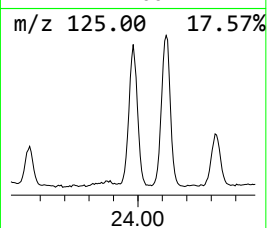
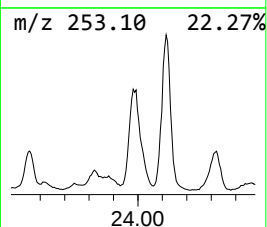
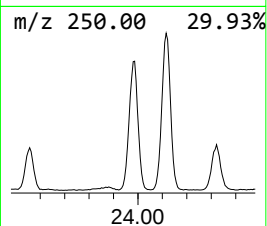
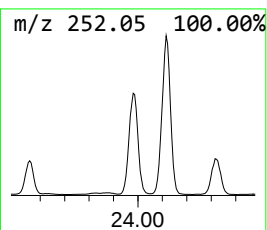
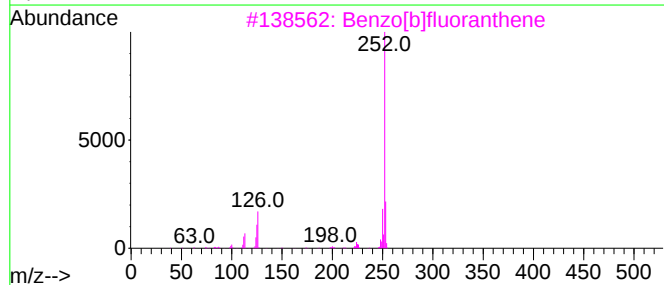
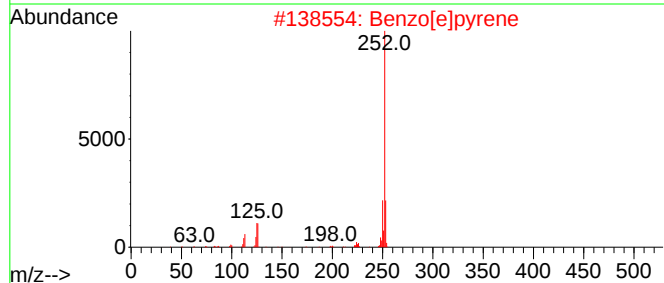
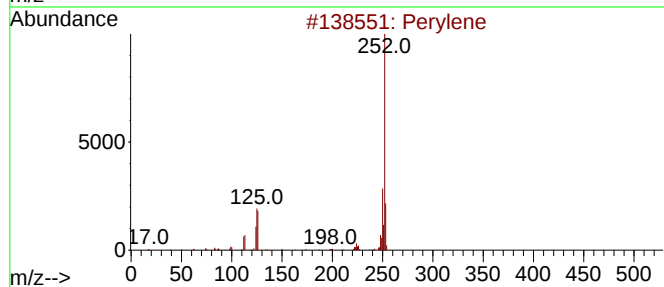
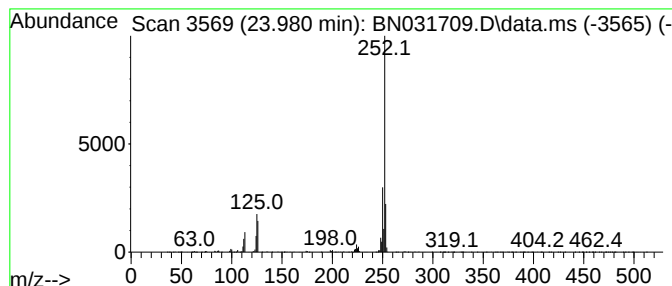
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	14.02 ng/ul	2430810	Perylene-d12	24.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031709.D
Acq On : 30 May 2024 05:47
Operator : MA/JU
Sample : P2569-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH645

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.711	5.2	ng/ul	780956	1	7.687	2982050	20.0
Phenanthrene, 1...	17.951	5.8	ng/ul	1928170	4	17.075	6588840	20.0
Phenanthrene, 2...	17.998	12.3	ng/ul	4038390	4	17.075	6588840	20.0
4H-Cyclopenta[d...	18.145	9.7	ng/ul	3201480	4	17.075	6588840	20.0
Anthracene, 9-m...	18.180	4.3	ng/ul	1406600	4	17.075	6588840	20.0
Naphthalene, 2-...	18.451	3.5	ng/ul	1149380	4	17.075	6588840	20.0
9,10-Anthracene...	18.492	3.1	ng/ul	1029790	4	17.075	6588840	20.0
Phenanthrene, 2...	18.875	4.5	ng/ul	1489060	4	17.075	6588840	20.0
Phenanthrene, 3...	18.933	3.2	ng/ul	1051650	4	17.075	6588840	20.0
Cyclopenta(def)...	19.016	4.5	ng/ul	1490800	4	17.075	6588840	20.0
Pyrene, 1-methyl-	19.833	2.9	ng/ul	1947350	5	21.310	13337300	20.0
11H-Benzo[b]flu...	19.998	2.8	ng/ul	1887210	5	21.310	13337300	20.0
Fluoranthene, 2...	20.151	2.7	ng/ul	1783910	5	21.310	13337300	20.0
11H-Benzo[a]flu...	20.745	2.5	ng/ul	1671680	5	21.310	13337300	20.0
unknown-02	20.998	3.9	ng/ul	2564260	5	21.310	13337300	20.0
7H-Benz[de]anth...	21.057	2.8	ng/ul	1884600	5	21.310	13337300	20.0
Perylene	23.980	14.0	ng/ul	2430810	6	24.257	3466920	20.0