

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031807.D
 Acq On : 05 Jun 2024 19:45
 Operator : MA/JU
 Sample : P2591-06DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S9DL

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: BN031807.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	104	105	116	rVV	23523	41144	0.29%	0.029%
2	3.693	116	120	125	rVB	18574	27316	0.19%	0.019%
3	6.846	645	656	668	rBV	117699	213357	1.49%	0.152%
4	7.016	678	685	692	rBV	90316	152435	1.06%	0.108%
5	7.205	711	717	724	rBV	114437	186679	1.30%	0.133%
6	7.675	789	797	807	rBV	1106857	1852312	12.91%	1.318%
7	8.210	881	888	896	rBV3	13286	26905	0.19%	0.019%
8	8.381	911	917	924	rBV	133280	238716	1.66%	0.170%
9	8.828	986	993	1000	rBV	113964	196596	1.37%	0.140%
10	9.546	1108	1115	1125	rBV	84839	152025	1.06%	0.108%
11	10.081	1200	1206	1216	rBV	146381	259795	1.81%	0.185%
12	10.457	1260	1270	1275	rBV	1746923	3060412	21.33%	2.178%
13	10.504	1275	1278	1284	rVV	168506	277032	1.93%	0.197%
14	10.604	1288	1295	1304	rVV	73147	152756	1.06%	0.109%
15	11.199	1390	1396	1402	rBV3	16981	38192	0.27%	0.027%
16	12.122	1547	1553	1561	rVB	149735	248079	1.73%	0.177%
17	12.346	1584	1591	1602	rBV	95926	166772	1.16%	0.119%
18	13.087	1710	1717	1721	rBV7	11377	23007	0.16%	0.016%
19	13.145	1721	1727	1733	rVB2	54612	98710	0.69%	0.070%
20	13.340	1756	1760	1774	rVB2	24270	63450	0.44%	0.045%
21	13.475	1774	1783	1784	rBV2	65175	91953	0.64%	0.065%
22	13.634	1804	1810	1815	rBV	92488	159722	1.11%	0.114%
23	13.687	1815	1819	1822	rVV	58274	82328	0.57%	0.059%
24	13.728	1822	1826	1832	rVV	284584	398782	2.78%	0.284%
25	13.869	1846	1850	1854	rBV	36201	50000	0.35%	0.036%
26	14.010	1868	1874	1877	rBV	319137	513896	3.58%	0.366%
27	14.140	1893	1896	1904	rVB7	12471	24303	0.17%	0.017%
28	14.222	1906	1910	1914	rVB	23117	32686	0.23%	0.023%
29	14.316	1916	1926	1932	rBV	2911114	4379786	30.53%	3.117%
30	14.381	1932	1937	1945	rVB	312183	472514	3.29%	0.336%
31	14.451	1945	1949	1954	rBV	33974	51848	0.36%	0.037%
32	14.528	1956	1962	1966	rBV	126585	226871	1.58%	0.161%
33	14.575	1966	1970	1983	rVB	152865	355449	2.48%	0.253%
34	14.716	1989	1994	2002	rVB	334844	533174	3.72%	0.379%
35	14.792	2003	2007	2011	rVB	44506	60102	0.42%	0.043%
36	14.939	2027	2032	2036	rBV2	39133	69146	0.48%	0.049%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	14.992	2037	2041	2044	rVB2	38316	51942	0.36%	0.037%
38	15.104	2056	2060	2064	rBV4	32149	49620	0.35%	0.035%
39	15.310	2089	2095	2100	rBV	439355	641639	4.47%	0.457%
40	15.369	2100	2105	2110	rVV	311514	457190	3.19%	0.325%
41	15.439	2113	2117	2122	rBV2	72045	116768	0.81%	0.083%
42	15.492	2123	2126	2129	rVB2	40608	49186	0.34%	0.035%
43	15.528	2129	2132	2137	rVB2	40994	52382	0.37%	0.037%
44	15.581	2138	2141	2144	rBV3	32050	38999	0.27%	0.028%
45	15.663	2150	2155	2164	rVB	152604	226210	1.58%	0.161%
46	15.810	2175	2180	2188	rBV	164824	321840	2.24%	0.229%
47	16.045	2215	2220	2226	rVB6	90862	185240	1.29%	0.132%
48	16.422	2281	2284	2289	rVB4	46041	70375	0.49%	0.050%
49	16.598	2312	2314	2318	rVB2	47176	46350	0.32%	0.033%
50	16.639	2319	2321	2324	rVB	68020	69447	0.48%	0.049%
51	16.722	2330	2335	2342	rVB	636839	897323	6.25%	0.639%
52	16.798	2344	2348	2356	rVV3	91537	230294	1.61%	0.164%
53	16.881	2358	2362	2370	rVB	348481	552666	3.85%	0.393%
54	17.063	2387	2393	2397	rBV	3526189	5404717	37.67%	3.846%
55	17.110	2397	2401	2406	rVV	6353785	8852357	61.70%	6.300%
56	17.163	2406	2410	2412	rVV2	582197	780551	5.44%	0.555%
57	17.198	2412	2416	2421	rVV	1308105	1791299	12.49%	1.275%
58	17.257	2422	2426	2432	rVB3	121301	208610	1.45%	0.148%
59	17.469	2455	2462	2467	rBV2	809989	1260271	8.78%	0.897%
60	17.645	2489	2492	2502	rVB4	170077	267654	1.87%	0.190%
61	17.939	2537	2542	2546	rBV	635996	952139	6.64%	0.678%
62	17.986	2546	2550	2556	rVB	996637	1459582	10.17%	1.039%
63	18.069	2560	2564	2569	rVB	286979	397689	2.77%	0.283%
64	18.133	2569	2575	2579	rBV2	799017	1474444	10.28%	1.049%
65	18.169	2579	2581	2588	rVB	411340	519629	3.62%	0.370%
66	18.286	2599	2601	2605	rVB2	110063	128113	0.89%	0.091%
67	18.445	2624	2628	2631	rBV	544347	711158	4.96%	0.506%
68	18.486	2631	2635	2640	rVB	726803	989698	6.90%	0.704%
69	18.739	2676	2678	2682	rVB	131309	144203	1.01%	0.103%
70	18.780	2682	2685	2689	rVB	157831	212371	1.48%	0.151%
71	18.869	2695	2700	2705	rBV2	354054	655240	4.57%	0.466%
72	19.004	2719	2723	2729	rVB	757542	1039273	7.24%	0.740%
73	19.127	2738	2744	2750	rVB	9541785	13606928	94.84%	9.684%
74	19.227	2758	2761	2764	rBV2	194799	232759	1.62%	0.166%
75	19.463	2796	2801	2803	rBV2	2306511	3731252	26.01%	2.655%
76	19.492	2803	2806	2814	rVV	7208993	10216240	71.21%	7.271%

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77	19.563	2815	2818	2826	rVB2	556644	868477	6.05%	0.618%
78	19.669	2833	2836	2842	rVB	526761	743654	5.18%	0.529%
79	19.733	2843	2847	2853	rVB	578195	861741	6.01%	0.613%
80	19.816	2856	2861	2868	rBV4	502607	1286878	8.97%	0.916%
81	19.951	2879	2884	2887	rBV5	550454	1104679	7.70%	0.786%
82	19.986	2888	2890	2893	rBV	284664	276983	1.93%	0.197%
83	20.069	2896	2904	2905	rBV2	1211639	2434070	16.97%	1.732%
84	20.286	2938	2941	2945	rVB	273454	322577	2.25%	0.230%
85	20.333	2945	2949	2953	rBV3	322073	466512	3.25%	0.332%
86	20.739	3013	3018	3024	rBV	1696777	2389555	16.66%	1.701%
87	20.904	3041	3046	3050	rBV2	922484	1740129	12.13%	1.238%
88	20.951	3050	3054	3057	rVV	796461	1125600	7.85%	0.801%
89	20.992	3057	3061	3066	rVV2	871969	1813976	12.64%	1.291%
90	21.051	3066	3071	3083	rVB	1647964	2718258	18.95%	1.935%
91	21.292	3105	3112	3117	rBV3	6401131	14346768	100.00%	10.210%
92	21.345	3117	3121	3133	rVB	4253004	6903785	48.12%	4.913%
93	21.480	3141	3144	3151	rBV2	254780	490166	3.42%	0.349%
94	21.969	3224	3227	3233	rVB	688680	1130607	7.88%	0.805%
95	22.039	3235	3239	3247	rVB2	431657	803053	5.60%	0.572%
96	23.316	3447	3456	3463	rBV2	3423444	10665984	74.34%	7.591%
97	23.545	3490	3495	3502	rVB	534954	1084041	7.56%	0.771%
98	23.963	3561	3566	3575	rBV2	664266	1660760	11.58%	1.182%
99	24.098	3583	3589	3601	rVB	1620689	3968153	27.66%	2.824%
100	24.239	3604	3613	3622	rBV	2674425	7236206	50.44%	5.150%

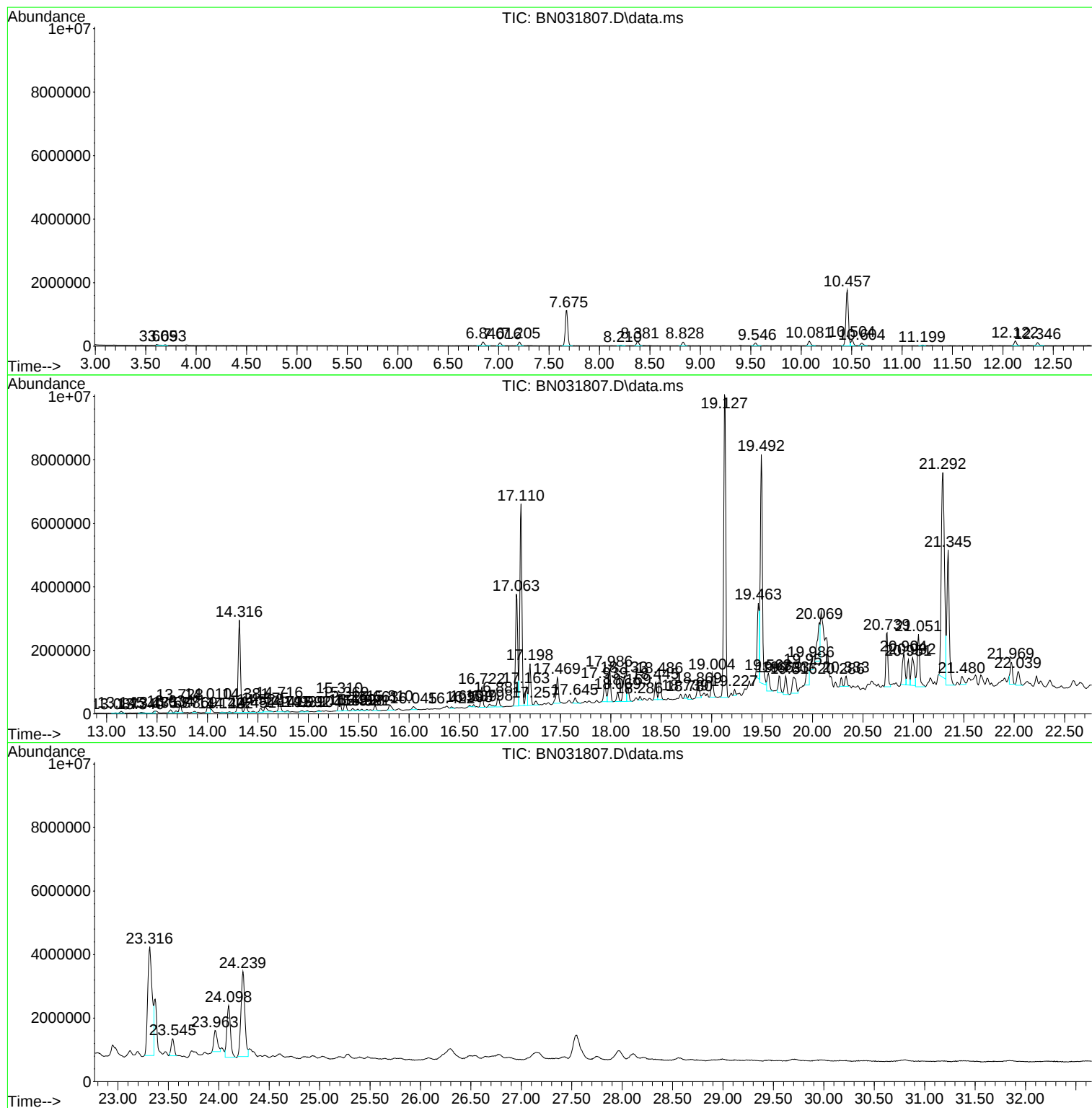
Sum of corrected areas: 140514510

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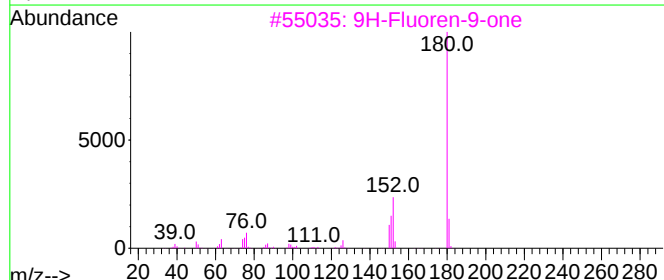
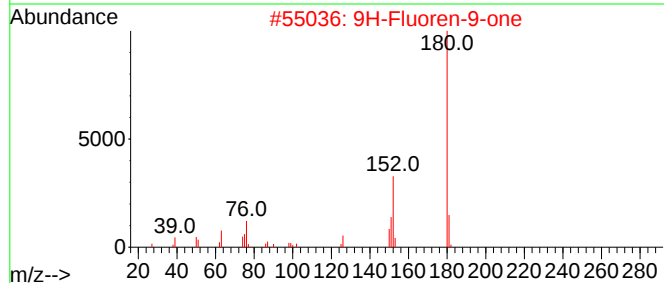
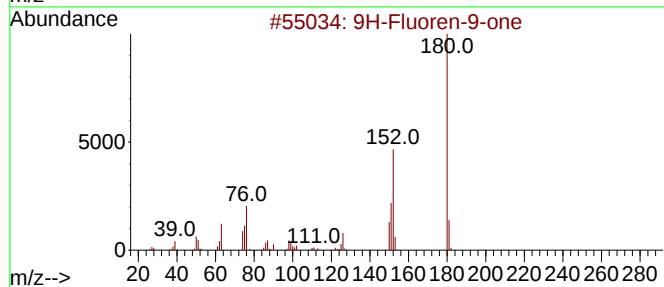
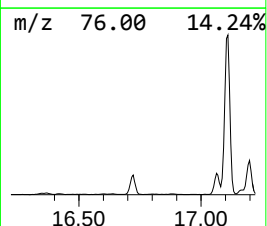
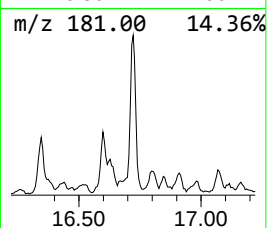
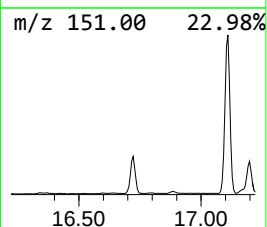
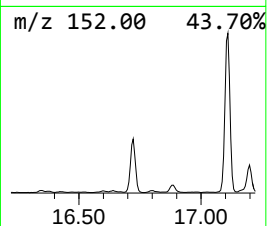
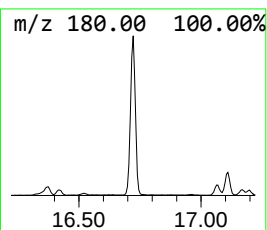
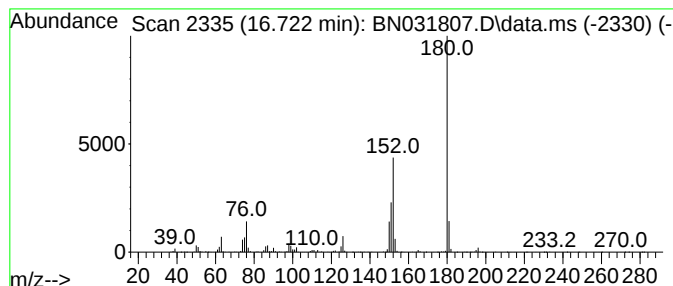
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	3.32 ng/ul	897323	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
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	87



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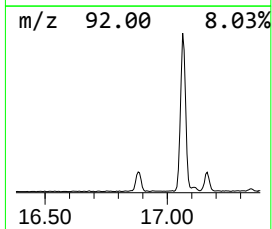
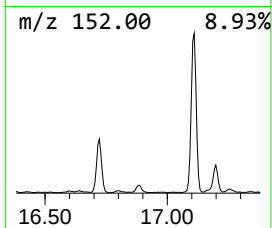
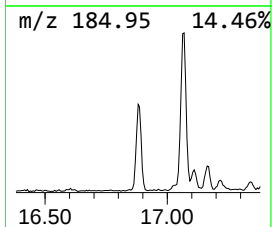
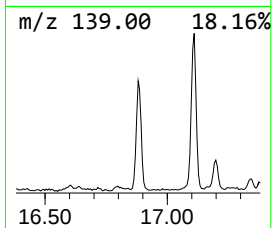
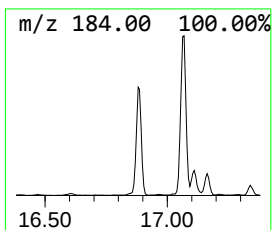
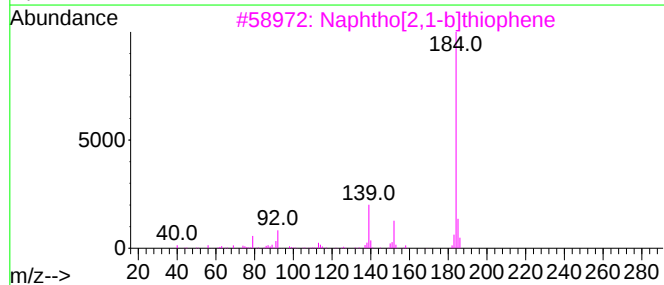
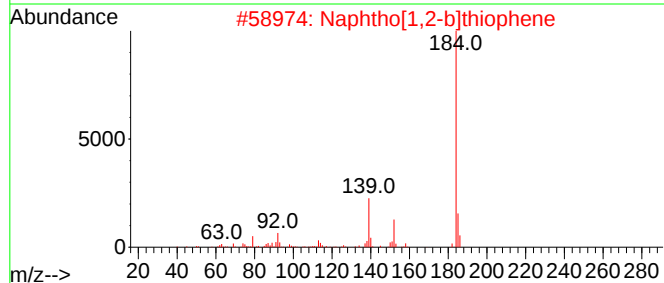
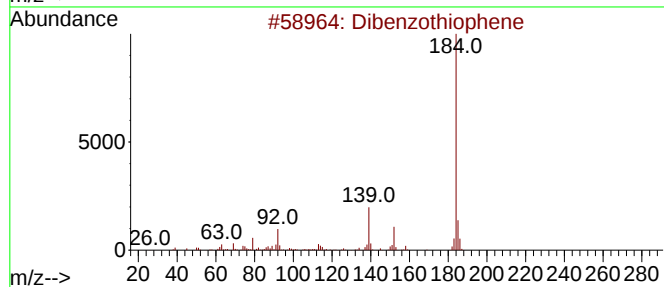
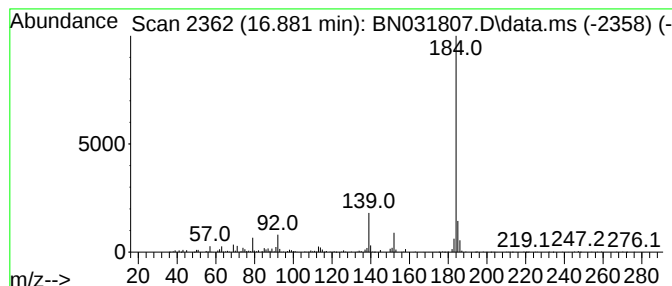
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	2.05 ng/ul	552666	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95



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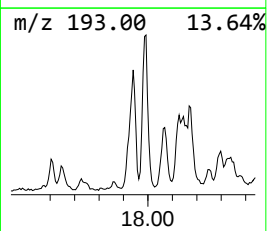
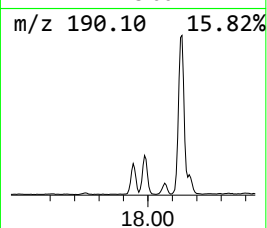
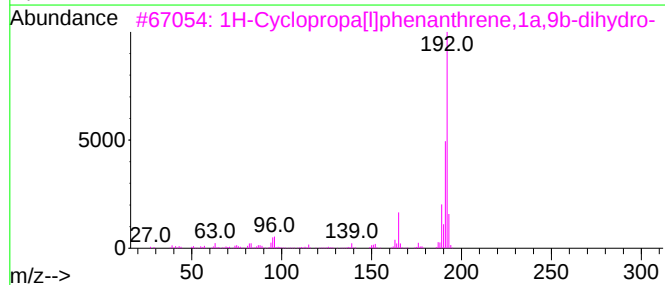
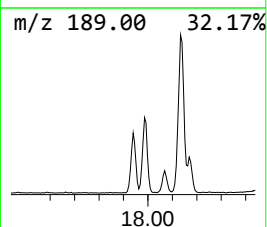
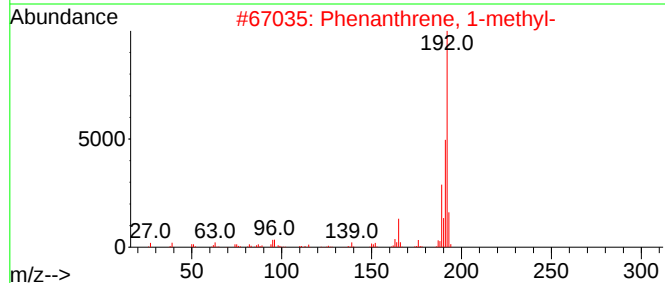
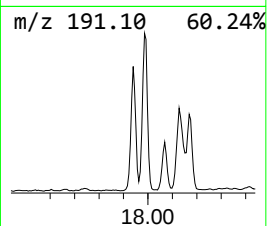
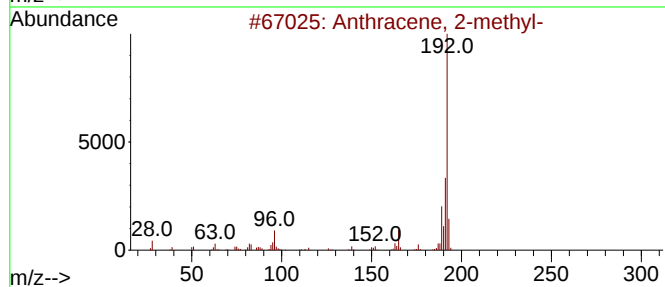
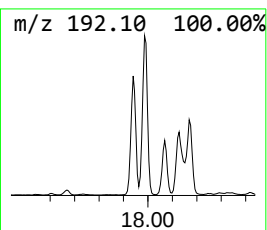
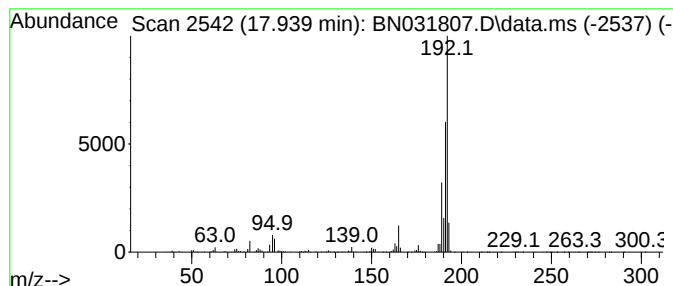
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	3.52 ng/ul	952139	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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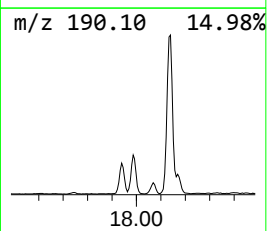
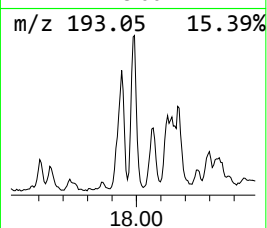
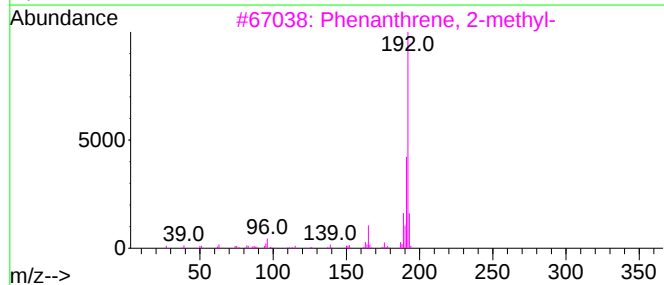
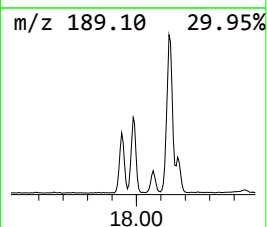
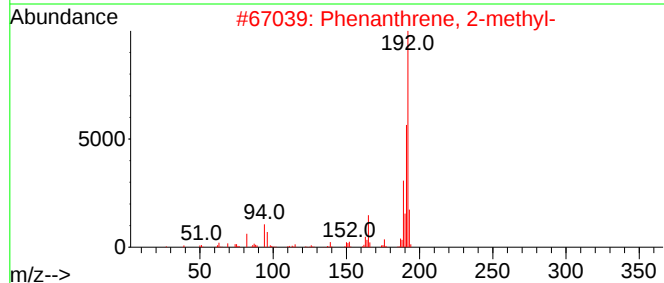
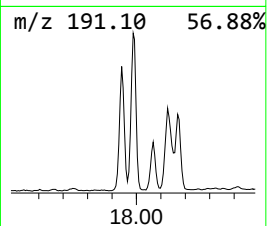
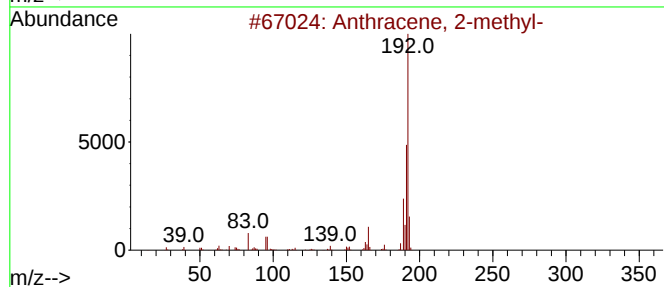
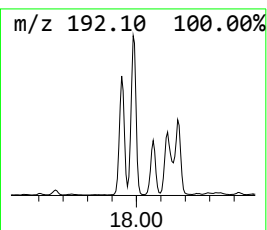
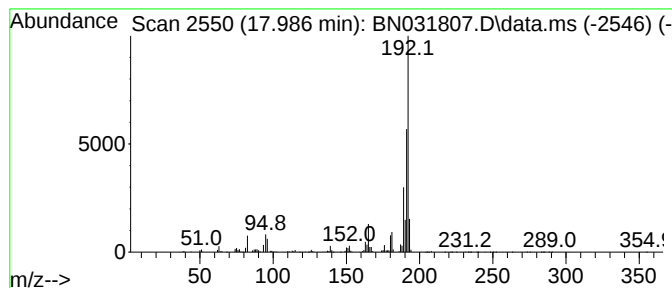
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	5.40 ng/ul	1459580	Phenanthrene-d10	17.063

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



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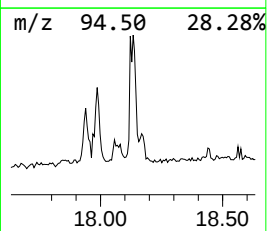
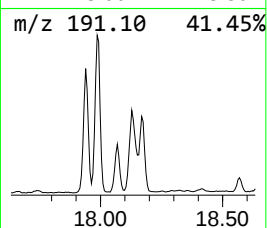
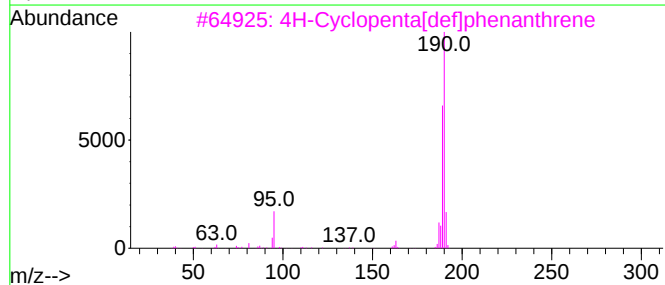
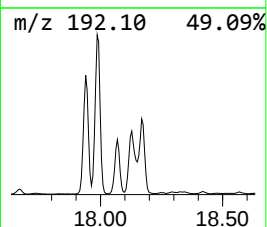
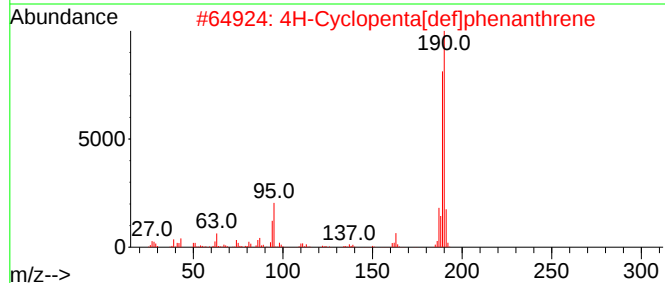
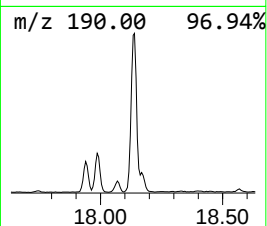
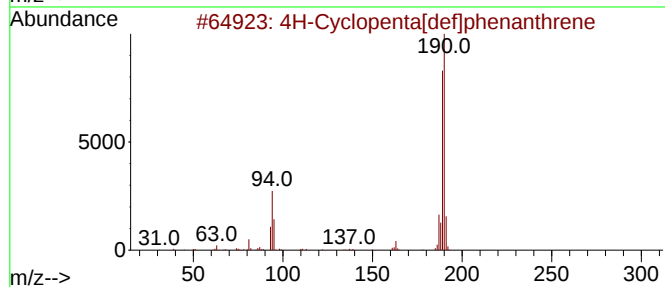
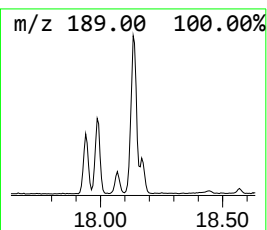
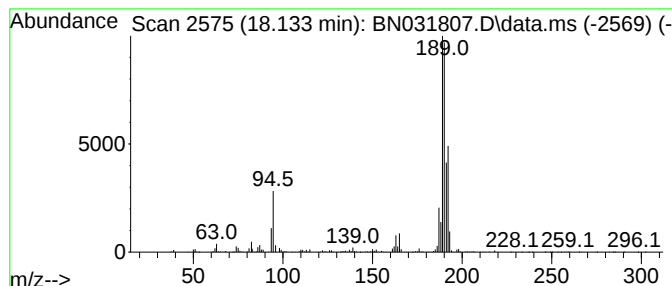
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	5.46 ng/ul	1474440	Phenanthrene-d10	17.063

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	53
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
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Sample : P2591-06DL 10X
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ALS Vial : 13 Sample Multiplier: 1

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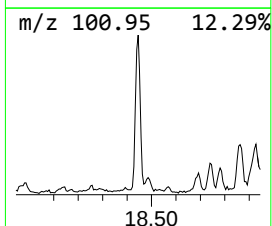
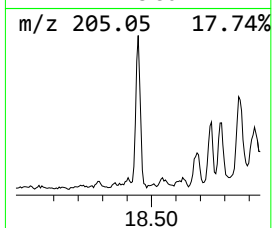
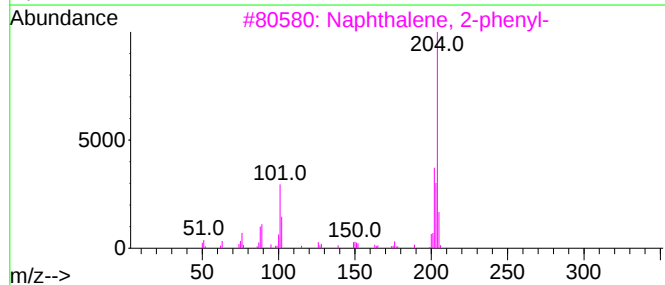
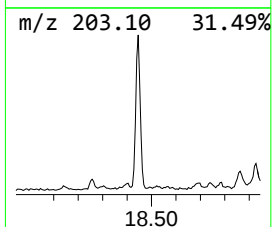
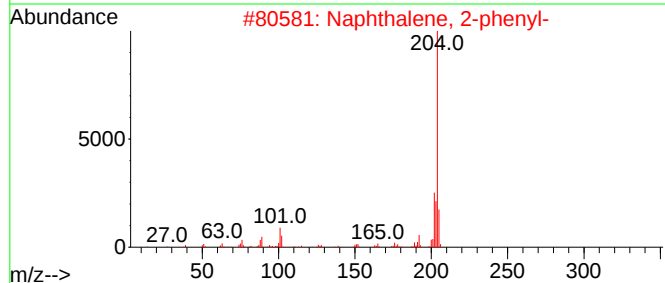
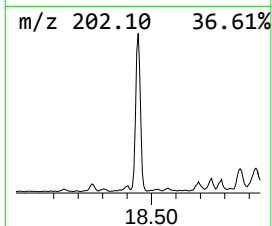
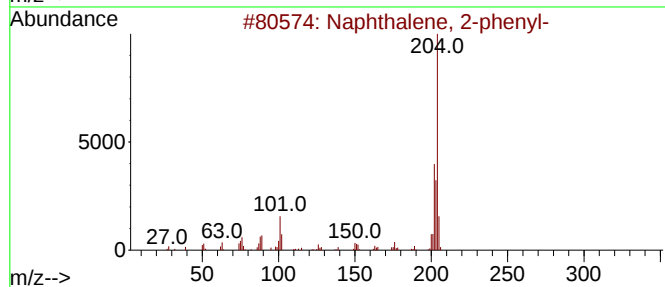
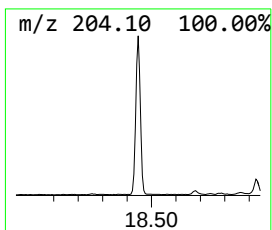
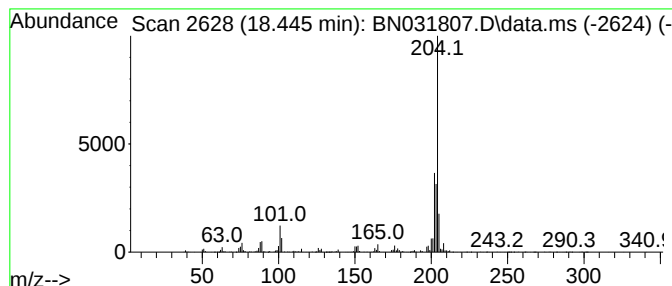
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	2.63 ng/ul	711158	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
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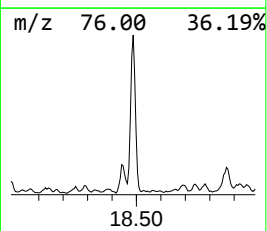
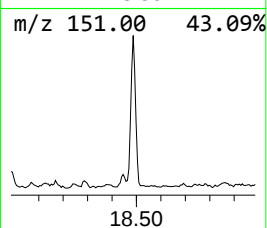
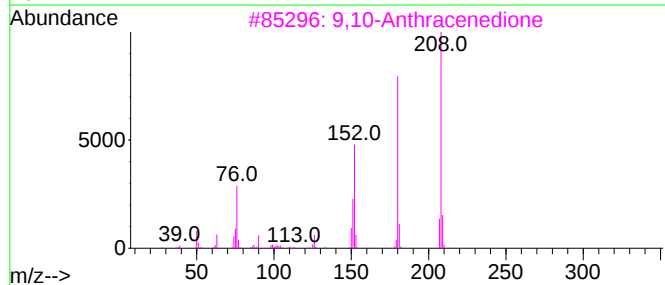
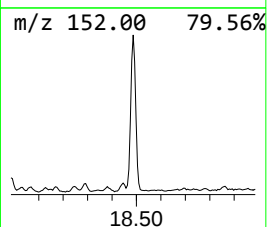
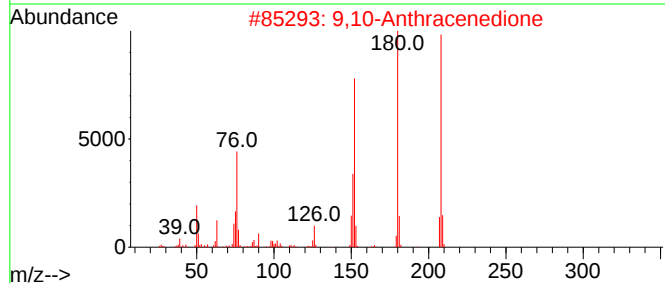
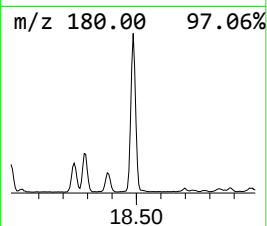
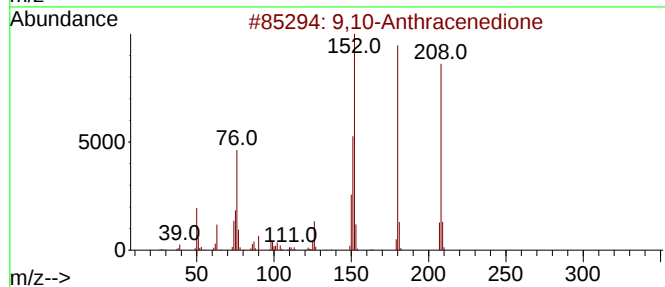
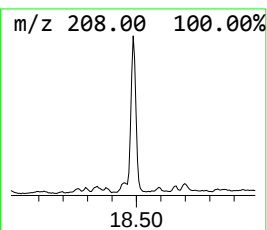
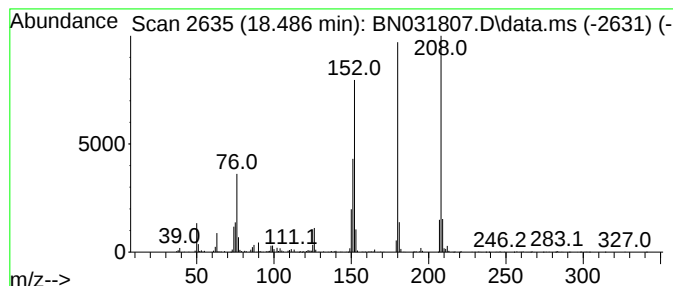
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	3.66 ng/ul	989698	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	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	1H-Phenalen-1-one			180	C13H8O	000548-39-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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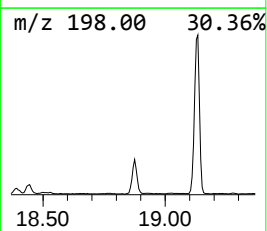
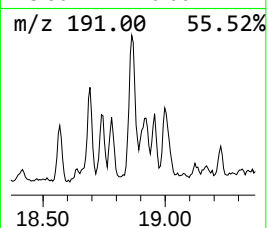
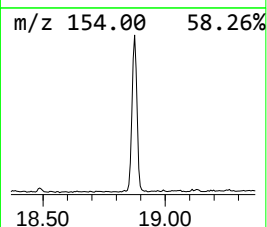
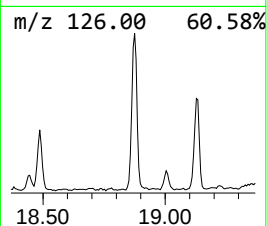
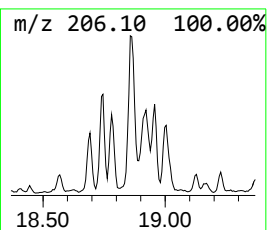
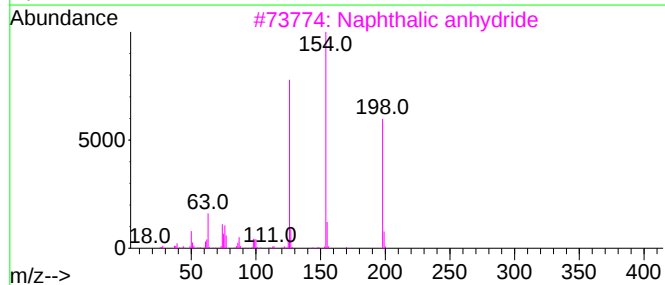
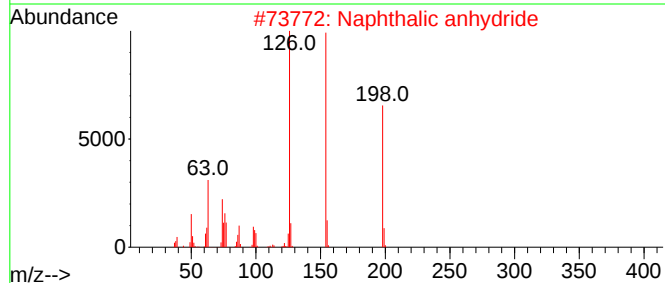
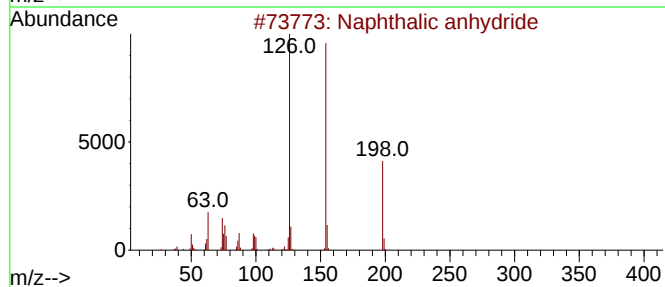
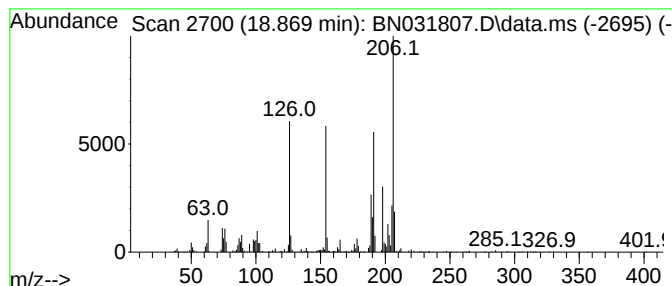
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalic anhydride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.42 ng/ul	655240	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalic anhydride	198	C12H6O3	000081-84-5	93
2			Naphthalic anhydride	198	C12H6O3	000081-84-5	93
3			Naphthalic anhydride	198	C12H6O3	000081-84-5	78
4			Naphthalic anhydride	198	C12H6O3	000081-84-5	78
5			Naphthalic anhydride	198	C12H6O3	000081-84-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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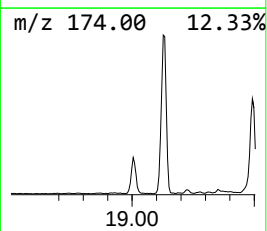
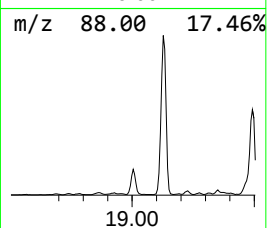
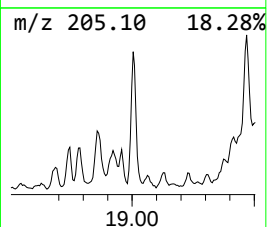
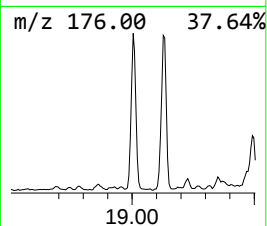
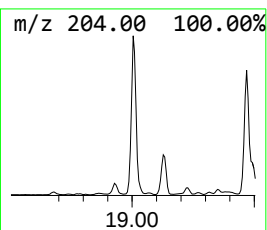
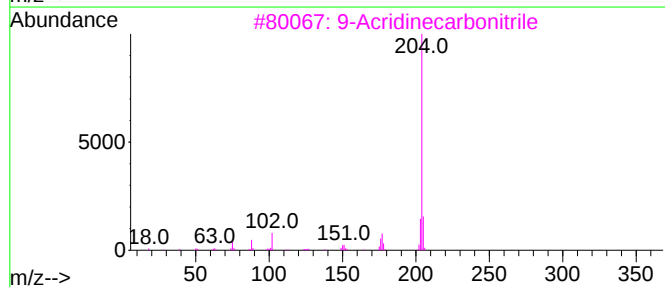
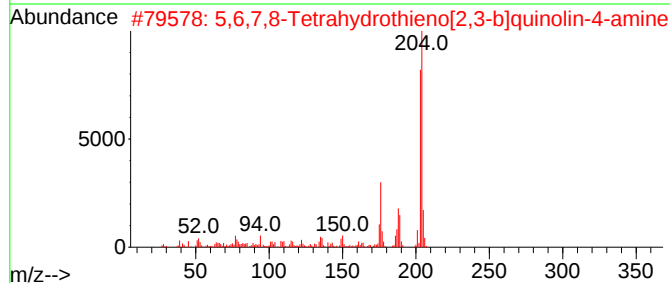
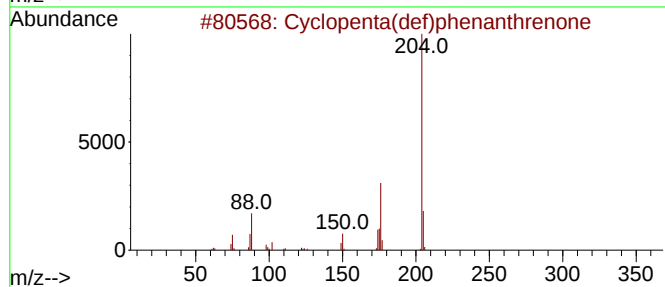
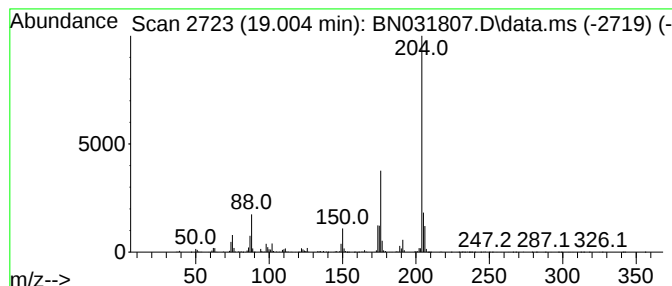
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	3.85 ng/ul	1039270	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	64
3			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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ALS Vial : 13 Sample Multiplier: 1

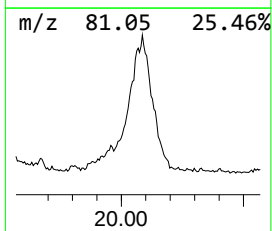
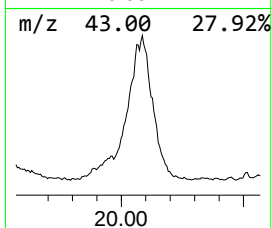
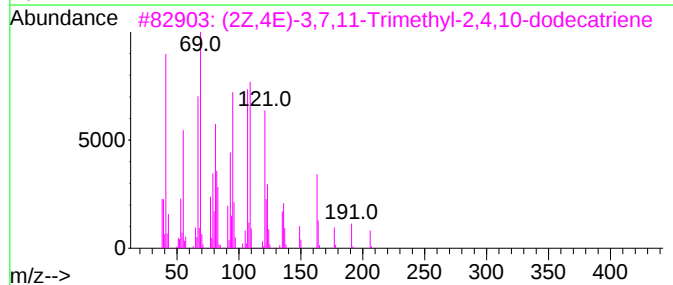
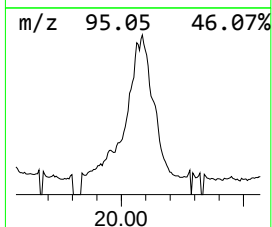
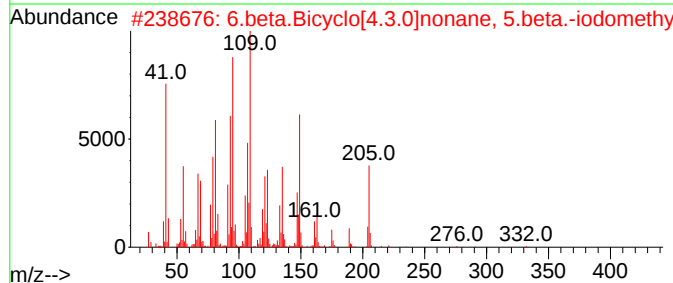
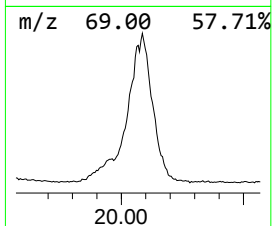
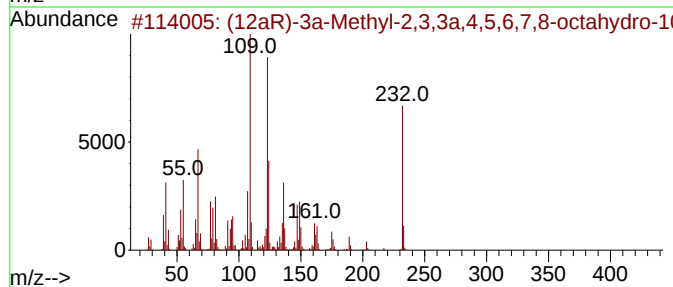
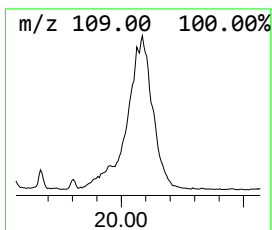
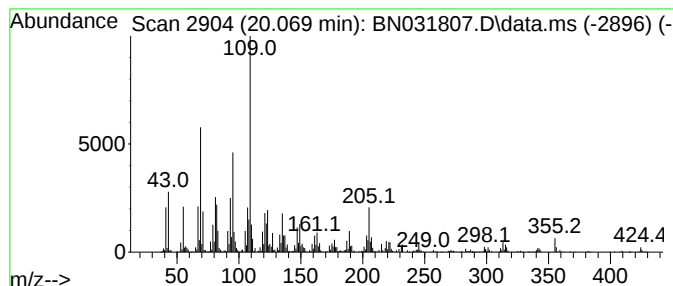
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BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (12aR)-3a-Methyl-2,3,3a,4,5... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.069	3.39 ng/ul	2434070	Chrysene-d12	21.298	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(12aR)-3a-Methyl-2,3,3a,4,5,6,7,...	232	C15H20O2	1000482-60-8	55
2	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	53
3	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	43
4	1,4-Cyclohexanedimethanol bis(te...	372	C20H44O2Si2	221313-58-2	41
5	2-{[1-(4-Fluorobenzyl)-1,2,3-tri...	308	C13H13FN4O2S	1000481-48-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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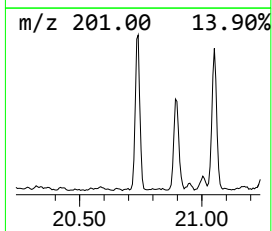
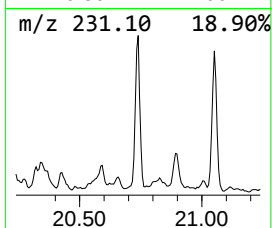
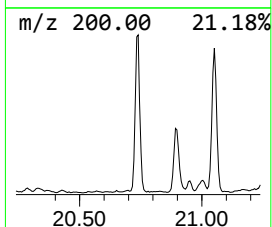
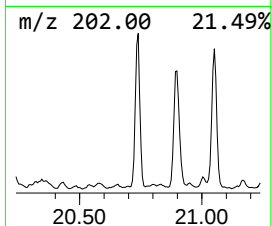
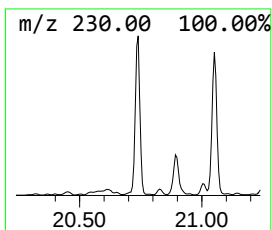
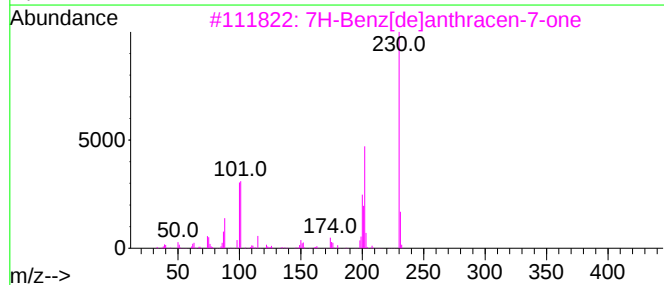
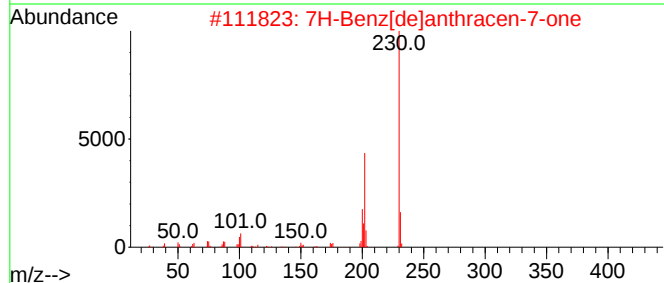
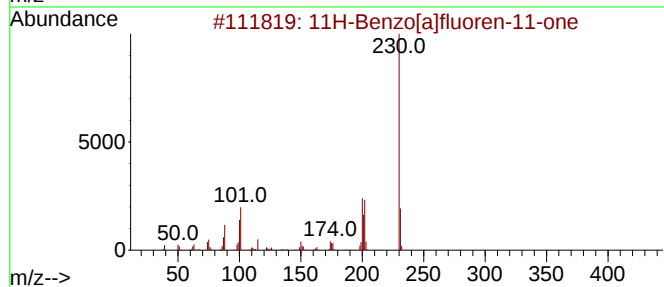
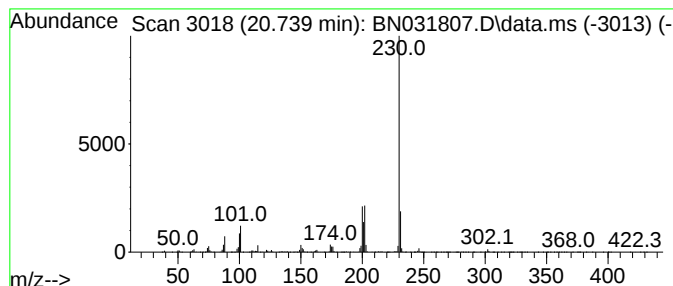
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.33 ng/ul	2389560	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	98
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	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
5			o-Terphenyl	230	C18H14	000084-15-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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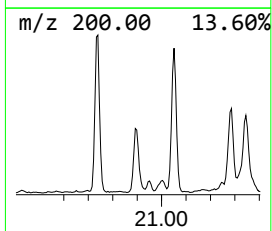
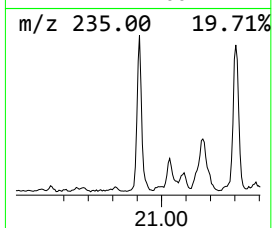
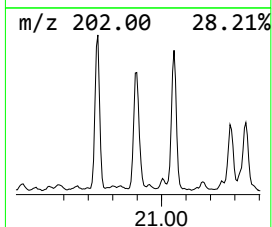
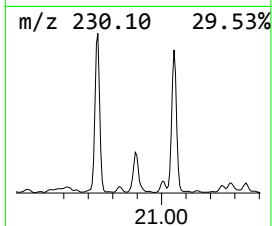
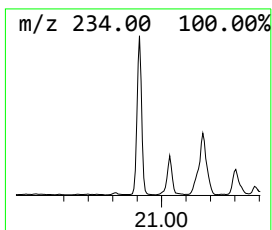
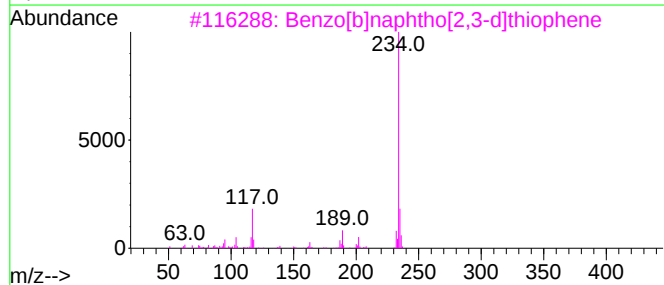
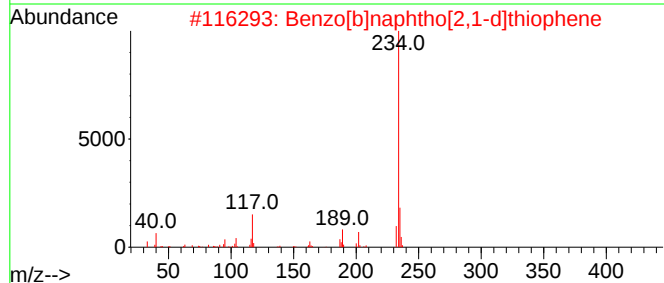
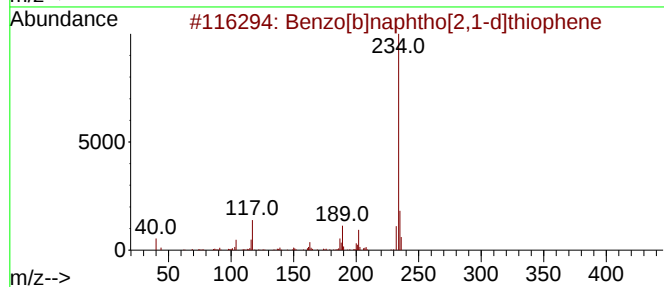
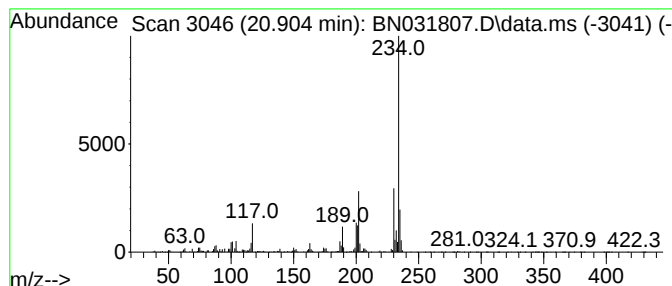
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	2.43 ng/ul	1740130	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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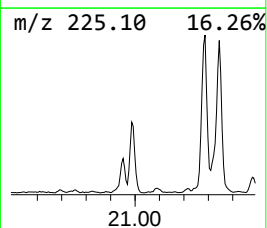
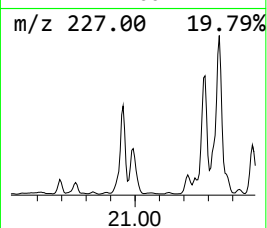
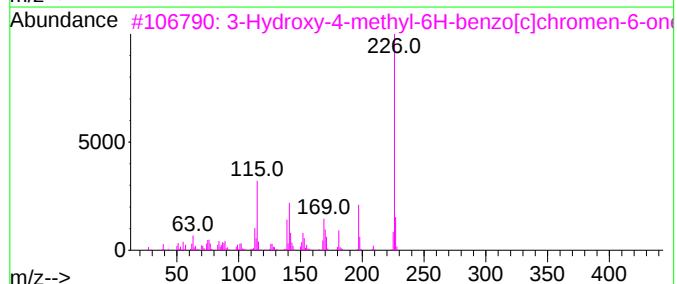
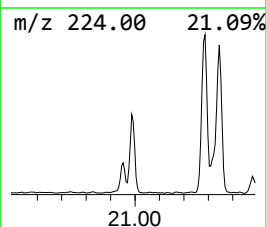
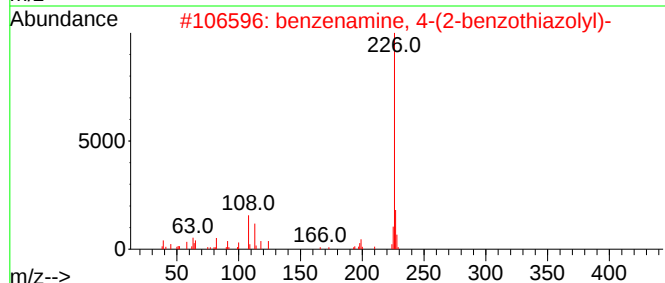
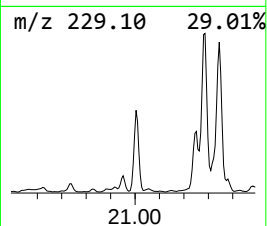
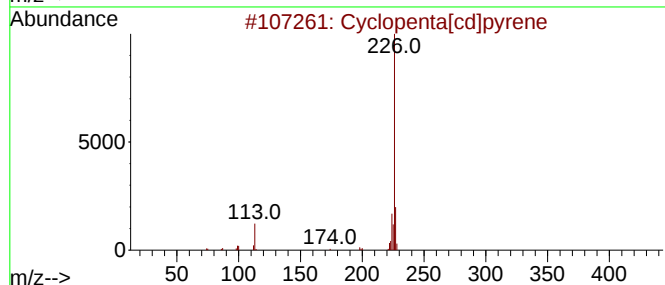
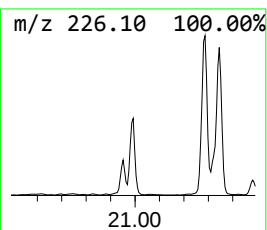
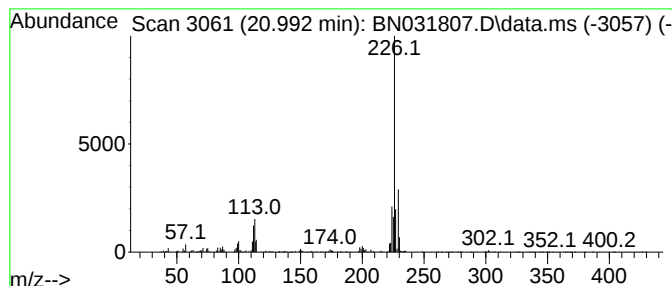
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.53 ng/ul	1813980	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3			3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50
4			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
5			1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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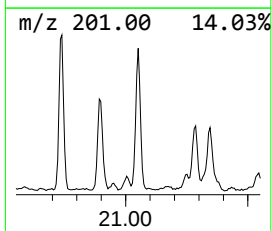
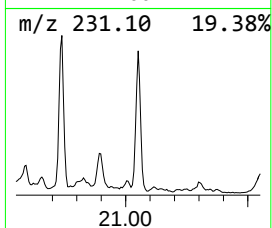
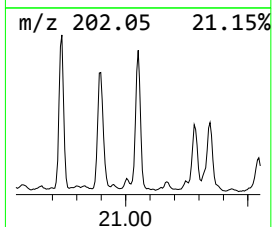
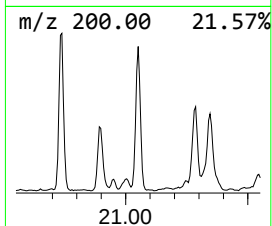
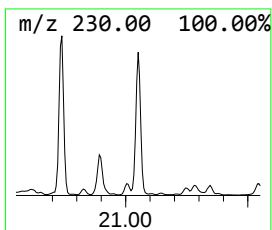
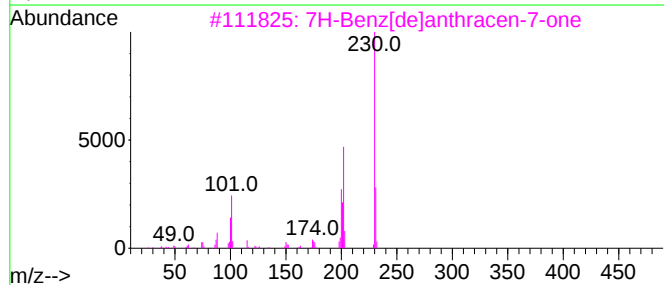
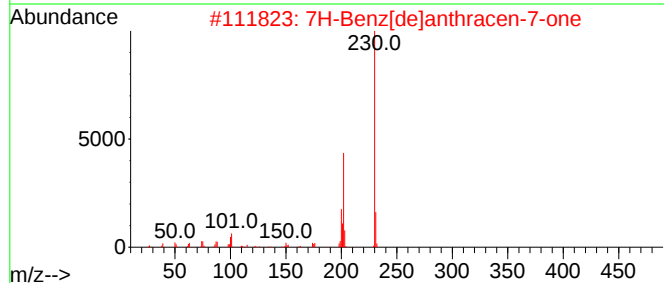
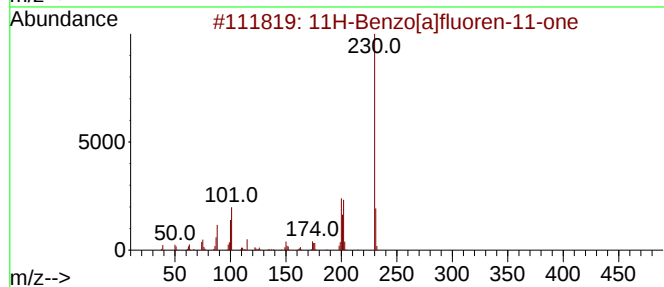
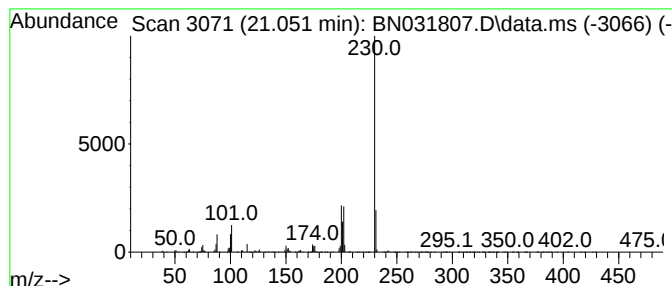
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.79 ng/ul	2718260	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	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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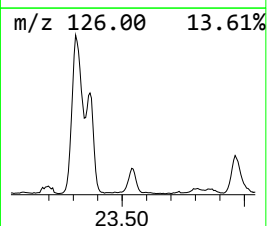
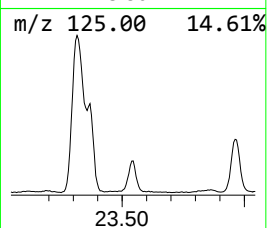
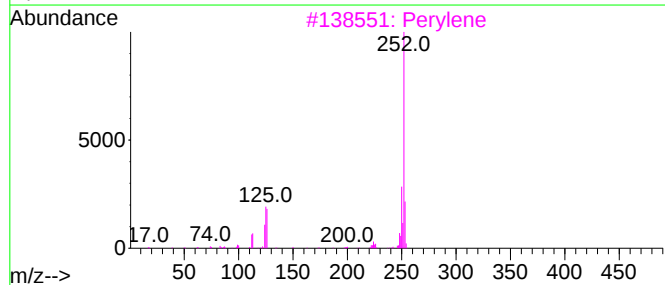
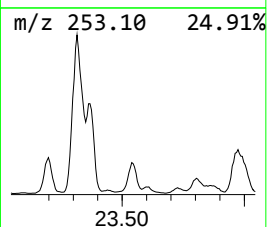
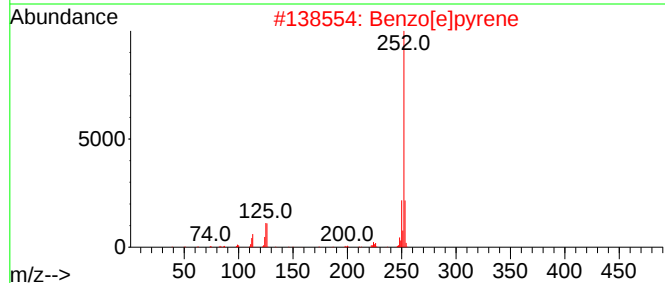
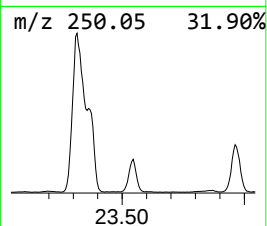
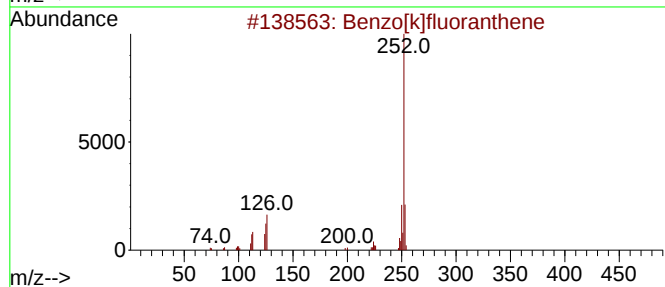
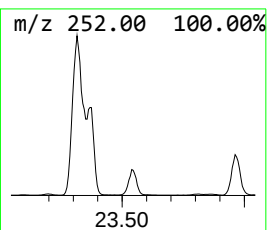
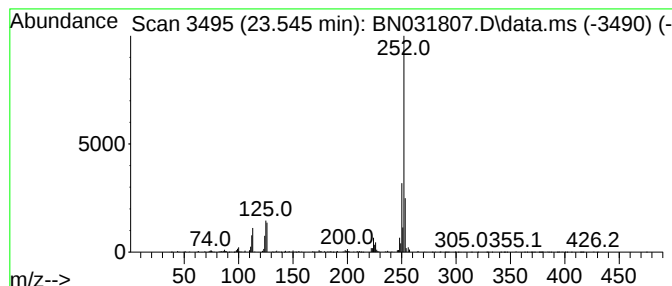
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.545	3.00 ng/ul	1084040	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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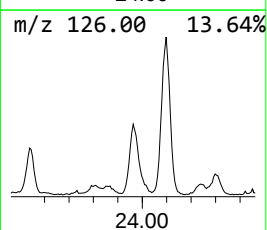
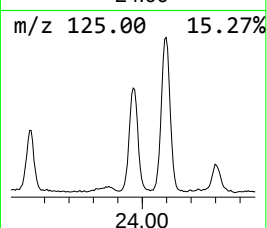
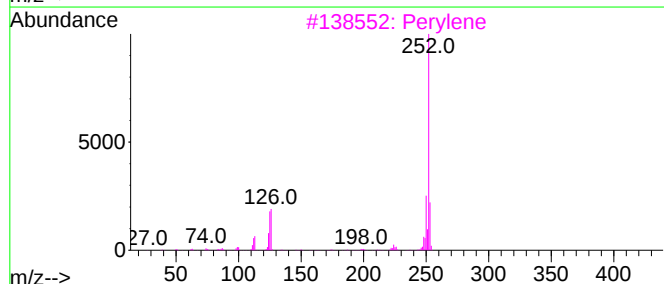
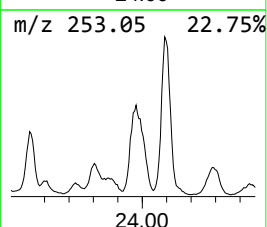
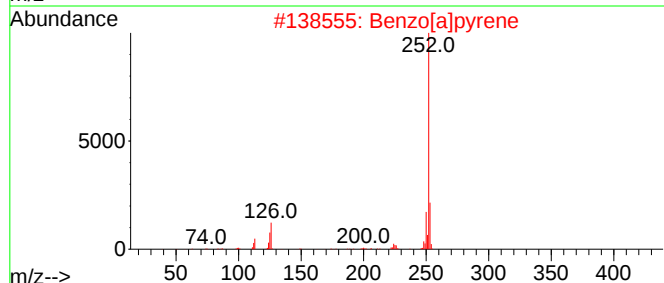
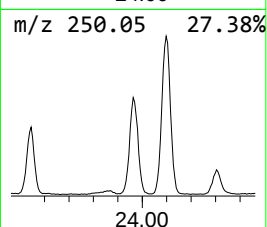
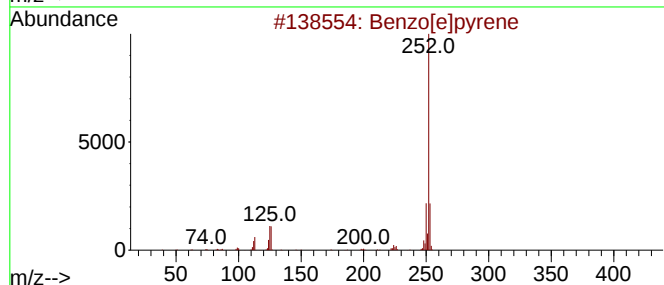
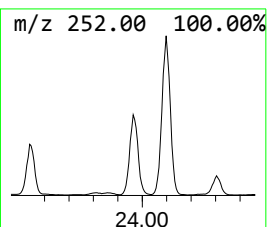
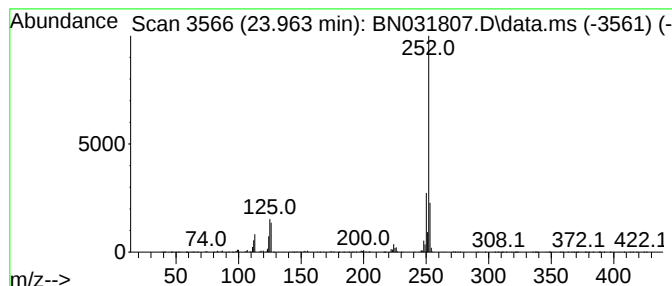
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	4.59 ng/ul	1660760	Perylene-d12	24.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Perylene	252	C20H12	000198-55-0	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031807.D
Acq On : 05 Jun 2024 19:45
Operator : MA/JU
Sample : P2591-06DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S9DL

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
9H-Fluoren-9-one	16.722	3.3	ng/ul	897323	4	17.063	5404720	20.0
Dibenzothiophene	16.881	2.0	ng/ul	552666	4	17.063	5404720	20.0
Anthracene, 2-m...	17.939	3.5	ng/ul	952139	4	17.063	5404720	20.0
Phenanthrene, 2...	17.986	5.4	ng/ul	1459580	4	17.063	5404720	20.0
4H-Cyclopenta[d...	18.133	5.5	ng/ul	1474440	4	17.063	5404720	20.0
Naphthalene, 2-...	18.445	2.6	ng/ul	711158	4	17.063	5404720	20.0
9,10-Anthracene...	18.486	3.7	ng/ul	989698	4	17.063	5404720	20.0
Naphthalic anhy...	18.869	2.4	ng/ul	655240	4	17.063	5404720	20.0
Cyclopenta(def)...	19.004	3.9	ng/ul	1039270	4	17.063	5404720	20.0
(12aR)-3a-Methy...	20.069	3.4	ng/ul	2434070	5	21.298	14346800	20.0
11H-Benzo[a]flu...	20.739	3.3	ng/ul	2389560	5	21.298	14346800	20.0
Benzo[b]naphtho...	20.904	2.4	ng/ul	1740130	5	21.298	14346800	20.0
Cyclopenta[cd]p...	20.992	2.5	ng/ul	1813980	5	21.298	14346800	20.0
7H-Benz[de]anth...	21.051	3.8	ng/ul	2718260	5	21.298	14346800	20.0
Benzo[e]pyrene	23.545	3.0	ng/ul	1084040	6	24.239	7236210	20.0
Perylene	23.962	4.6	ng/ul	1660760	6	24.239	7236210	20.0