

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031791.D
 Acq On : 05 Jun 2024 00:47
 Operator : MA/JU
 Sample : P2591-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ7

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: BN031791.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	100	104	117	rBV	646425	1032120	2.45%	0.190%
2	6.852	646	657	673	rVB	1927112	3165984	7.51%	0.584%
3	7.022	679	686	697	rVB	1538911	2448749	5.81%	0.452%
4	7.211	711	718	726	rBV	1962414	3140765	7.45%	0.579%
5	7.681	789	798	805	rBV	1683969	2763985	6.56%	0.510%
6	8.387	910	918	925	rBV	2325060	3851341	9.14%	0.710%
7	8.834	987	994	1002	rBV	1803634	2999394	7.11%	0.553%
8	9.552	1107	1116	1128	rBV	1470462	2440647	5.79%	0.450%
9	10.087	1199	1207	1216	rVB	2349255	3952131	9.37%	0.729%
10	10.463	1261	1271	1275	rBV	2482228	4216558	10.00%	0.777%
11	10.510	1275	1279	1287	rVV	1128607	1887597	4.48%	0.348%
12	10.605	1287	1295	1314	rVB	1390598	2591464	6.15%	0.478%
13	12.128	1548	1554	1562	rVB	638573	1027773	2.44%	0.190%
14	12.352	1584	1592	1602	rVB	542417	909711	2.16%	0.168%
15	13.640	1800	1811	1816	rBV	497747	909177	2.16%	0.168%
16	13.740	1823	1828	1837	rVB	3553563	5240071	12.43%	0.966%
17	14.016	1868	1875	1893	rVB	4423629	7395704	17.54%	1.364%
18	14.322	1917	1927	1932	rVV	3492538	5526613	13.11%	1.019%
19	14.387	1932	1938	1945	rVV	2438472	3701054	8.78%	0.682%
20	14.534	1956	1963	1971	rBV2	1773412	3058325	7.25%	0.564%
21	14.722	1989	1995	2003	rVV	2326115	3606184	8.55%	0.665%
22	15.316	2088	2096	2101	rVV	5400526	8057139	19.11%	1.486%
23	15.375	2101	2106	2114	rVV	2403317	3716226	8.82%	0.685%
24	15.451	2114	2119	2124	rVV2	656088	1117770	2.65%	0.206%
25	15.534	2130	2133	2138	rVV	389603	604054	1.43%	0.111%
26	15.663	2151	2155	2165	rVB	978194	1494618	3.55%	0.276%
27	15.810	2175	2180	2188	rVB	1059123	2095733	4.97%	0.386%
28	15.904	2188	2196	2203	rVB2	262506	539285	1.28%	0.099%
29	16.045	2212	2220	2227	rVB4	433567	835057	1.98%	0.154%
30	16.351	2265	2272	2274	rBV2	356815	681799	1.62%	0.126%
31	16.375	2274	2276	2281	rVV2	466977	674399	1.60%	0.124%
32	16.604	2311	2315	2318	rBV	403654	528523	1.25%	0.097%
33	16.645	2318	2322	2325	rVV2	451256	622625	1.48%	0.115%
34	16.728	2330	2336	2343	rVB	3497262	5240439	12.43%	0.966%
35	16.804	2343	2349	2356	rBV	544099	1268169	3.01%	0.234%
36	16.887	2358	2363	2373	rVB	2193825	3290009	7.80%	0.607%

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Min Area: 0.1 % of largest Peak

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	17.075	2389	2395	2397	rVV	3283792	4992957	11.84%	0.921%
38	17.122	2397	2403	2408	rVV	22042262	40593537	96.29%	7.485%
39	17.175	2408	2412	2414	rVV2	5551824	7905946	18.75%	1.458%
40	17.204	2414	2417	2422	rVV	7019240	9646768	22.88%	1.779%
41	17.263	2422	2427	2432	rVB2	625280	1021456	2.42%	0.188%
42	17.481	2454	2464	2476	rBV2	3816528	7662285	18.18%	1.413%
43	17.592	2478	2483	2488	rVV2	671363	1225115	2.91%	0.226%
44	17.651	2488	2493	2501	rVB5	842390	1550626	3.68%	0.286%
45	17.787	2513	2516	2525	rVB	294289	492587	1.17%	0.091%
46	17.945	2534	2543	2546	rBV	3477610	5436559	12.90%	1.002%
47	17.992	2546	2551	2557	rVV	5229263	8461133	20.07%	1.560%
48	18.075	2557	2565	2570	rVB2	1438952	2118008	5.02%	0.391%
49	18.139	2570	2576	2580	rBV2	4178461	7665130	18.18%	1.413%
50	18.175	2580	2582	2589	rVB	2074212	2706047	6.42%	0.499%
51	18.251	2591	2595	2599	rBV3	396625	643975	1.53%	0.119%
52	18.298	2599	2603	2607	rVV2	575262	777729	1.84%	0.143%
53	18.451	2624	2629	2633	rBV	2778465	3949110	9.37%	0.728%
54	18.498	2633	2637	2642	rVB	3336848	4560351	10.82%	0.841%
55	18.698	2667	2671	2675	rVV3	630500	875622	2.08%	0.161%
56	18.745	2675	2679	2682	rVV	781253	973120	2.31%	0.179%
57	18.787	2682	2686	2690	rVB	738218	952823	2.26%	0.176%
58	18.869	2695	2700	2706	rBV2	1364384	3028780	7.18%	0.558%
59	18.928	2707	2710	2714	rVV3	664619	1145423	2.72%	0.211%
60	18.963	2714	2716	2719	rVB	528945	511353	1.21%	0.094%
61	19.016	2720	2725	2731	rBV2	2744069	4219991	10.01%	0.778%
62	19.145	2738	2747	2752	rVB	22857609	42156982	100.00%	7.773%
63	19.198	2753	2756	2759	rBV	465518	616205	1.46%	0.114%
64	19.234	2759	2762	2765	rBV	801819	996554	2.36%	0.184%
65	19.339	2774	2780	2782	rBV2	742351	1356676	3.22%	0.250%
66	19.381	2783	2787	2790	rVB	795694	1233201	2.93%	0.227%
67	19.475	2797	2803	2804	rBV	9624099	14266435	33.84%	2.631%
68	19.504	2804	2808	2815	rVV	18095168	32036719	75.99%	5.907%
69	19.569	2815	2819	2824	rVB2	1859430	3009517	7.14%	0.555%
70	19.681	2834	2838	2843	rVB	2197480	3225244	7.65%	0.595%
71	19.739	2844	2848	2856	rVB	2037767	3169241	7.52%	0.584%
72	19.828	2856	2863	2869	rBV2	2092476	5560543	13.19%	1.025%
73	19.957	2879	2885	2887	rBV3	1758510	3141283	7.45%	0.579%
74	19.992	2888	2891	2895	rVB2	1741211	2301814	5.46%	0.424%
75	20.104	2896	2910	2912	rBV3	4569803	13388635	31.76%	2.469%
76	20.151	2912	2918	2929	rVB4	5888937	22469259	53.30%	4.143%

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77	20.292	2939	2942	2945	rVB	1012580	1218803	2.89%	0.225%
78	20.339	2946	2950	2954	rVB3	1131139	1548229	3.67%	0.285%
79	20.745	3014	3019	3026	rBV	5052257	6933232	16.45%	1.278%
80	20.910	3041	3047	3051	rBV2	3376709	6345834	15.05%	1.170%
81	20.957	3051	3055	3058	rVV	2815317	4210028	9.99%	0.776%
82	20.992	3058	3061	3067	rVV2	3062481	6637981	15.75%	1.224%
83	21.057	3067	3072	3084	rVB	4708631	8405944	19.94%	1.550%
84	21.216	3095	3099	3102	rVB	1642518	2019368	4.79%	0.372%
85	21.292	3103	3112	3118	rVV3	14113847	30957244	73.43%	5.708%
86	21.357	3118	3123	3134	rVB	12613141	21700954	51.48%	4.001%
87	21.492	3142	3146	3152	rBV2	1062310	2024432	4.80%	0.373%
88	21.680	3173	3178	3184	rBV3	956129	2061719	4.89%	0.380%
89	21.739	3185	3188	3193	rVB2	642660	938641	2.23%	0.173%
90	21.980	3225	3229	3234	rVB	2227738	3643094	8.64%	0.672%
91	22.051	3236	3241	3250	rVB2	1324505	2609599	6.19%	0.481%
92	22.228	3267	3271	3275	rBV	930221	1458755	3.46%	0.269%
93	22.969	3391	3397	3415	rVB3	1179726	4323119	10.25%	0.797%
94	23.339	3450	3460	3465	rBV2	9047730	28292967	67.11%	5.217%
95	23.557	3491	3497	3504	rVB	1589892	3421227	8.12%	0.631%
96	23.745	3524	3529	3533	rBV4	572281	1409444	3.34%	0.260%
97	23.986	3563	3570	3576	rBV2	1842921	4880908	11.58%	0.900%
98	24.116	3586	3592	3605	rVB	4881669	11831895	28.07%	2.182%
99	24.251	3609	3615	3622	rBV	1531157	3856388	9.15%	0.711%
100	27.586	4172	4182	4202	rVB3	2604221	12927776	30.67%	2.384%

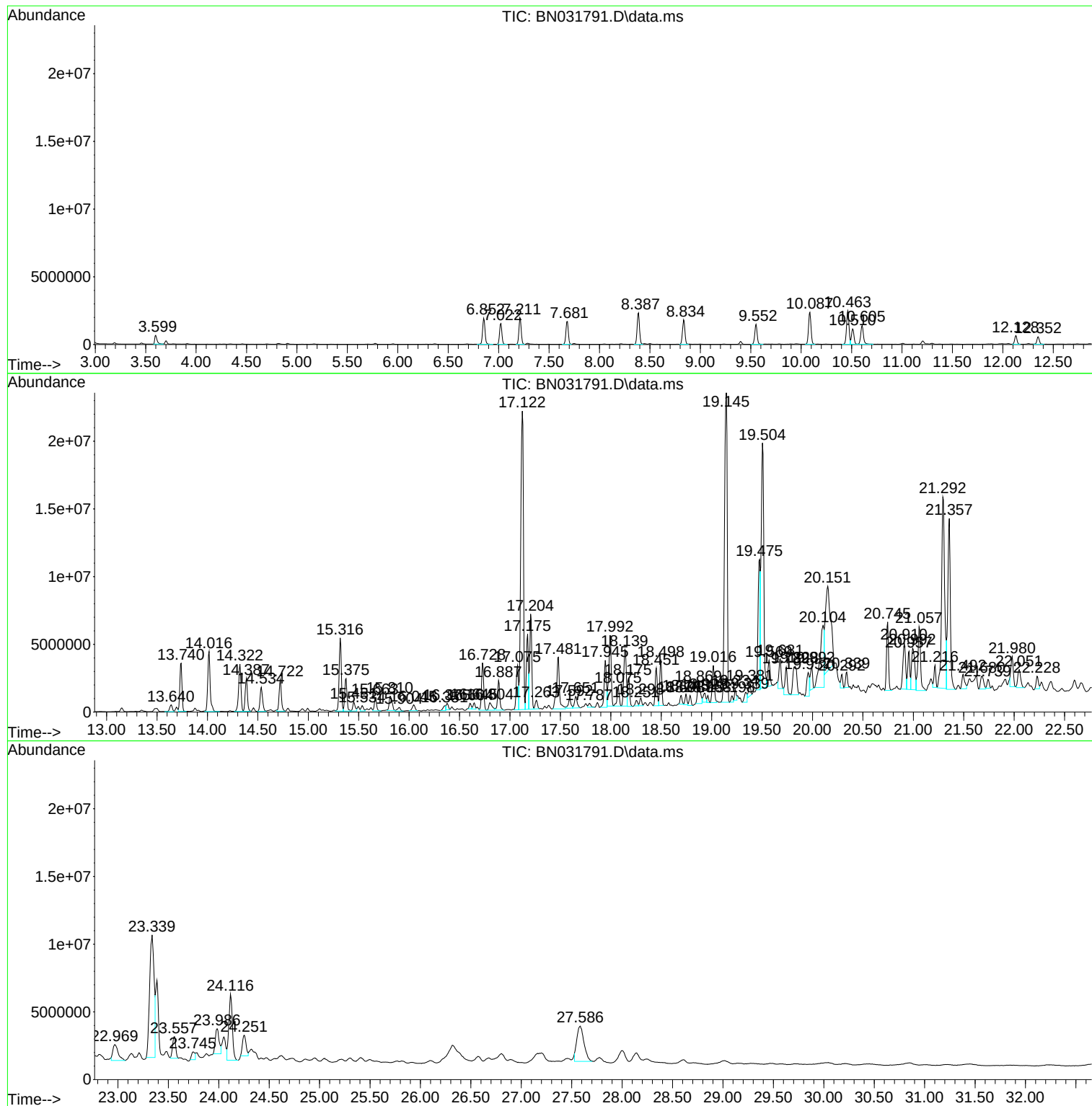
Sum of corrected areas: 542333512

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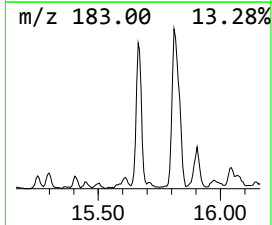
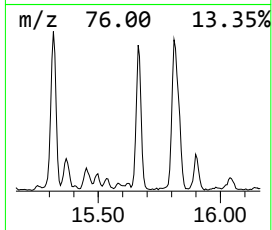
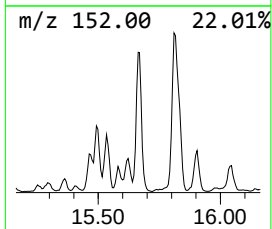
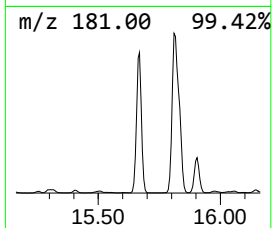
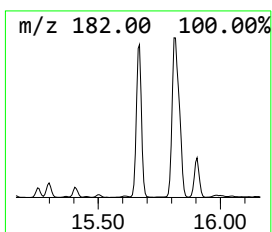
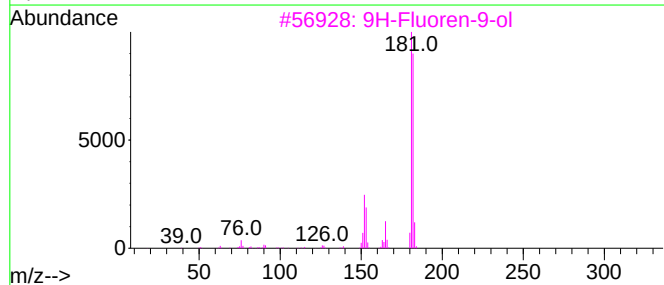
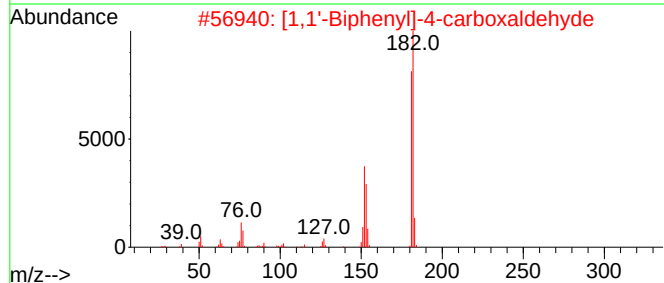
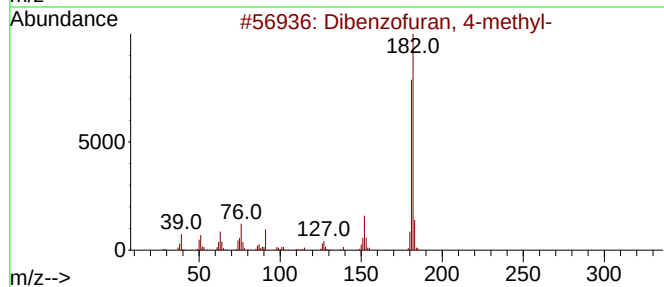
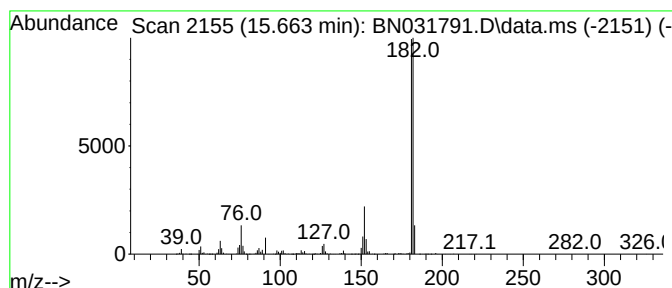
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	5.41 ng/ul	1494620	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



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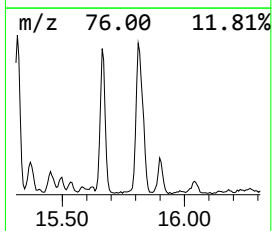
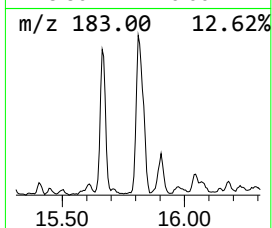
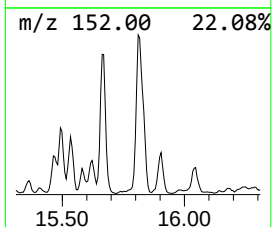
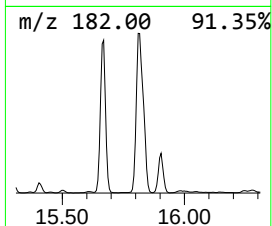
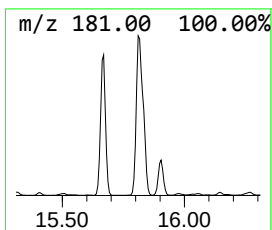
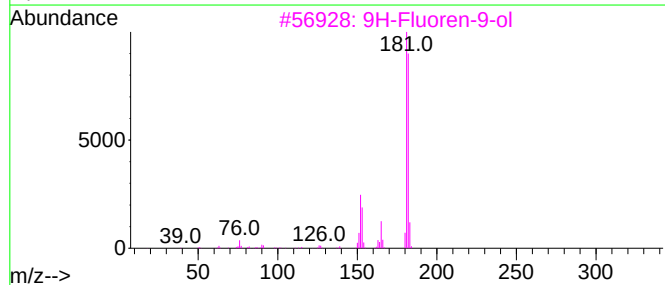
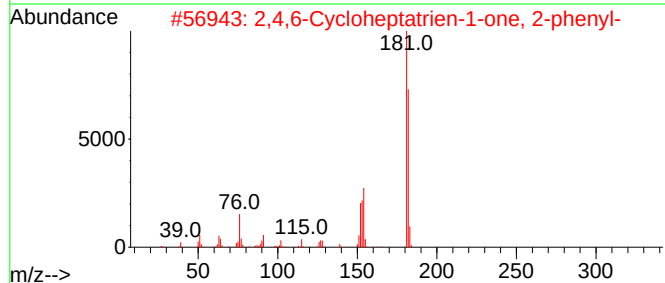
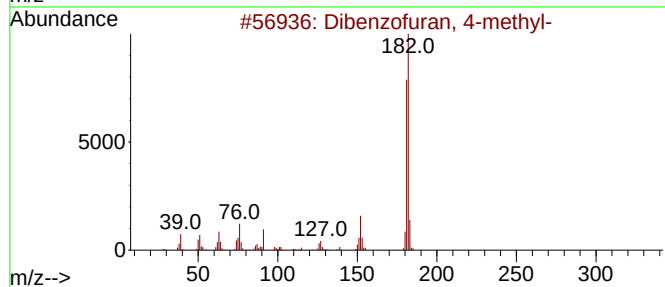
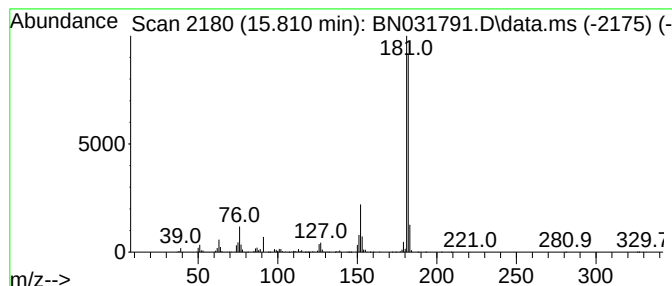
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	8.39 ng/ul	2095730	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5			9H-Xanthene	182	C13H10O	000092-83-1	64



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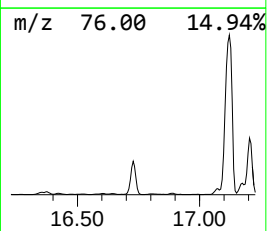
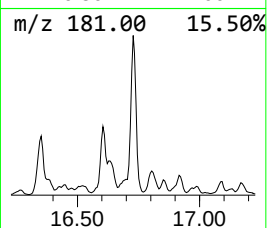
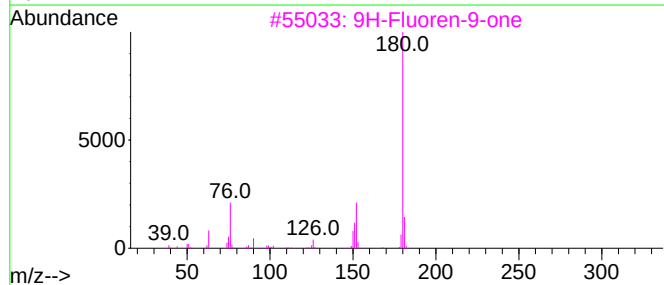
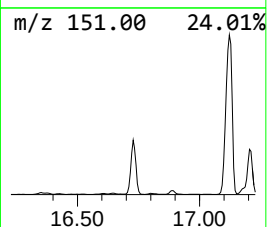
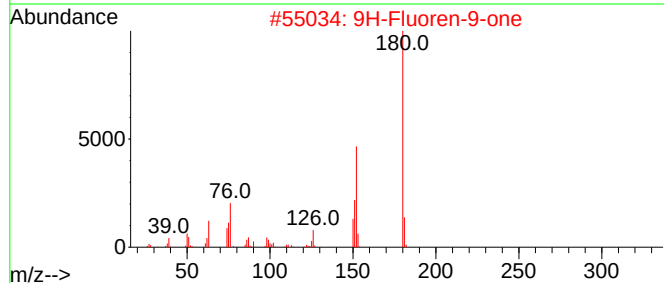
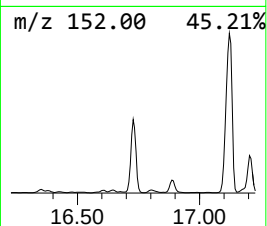
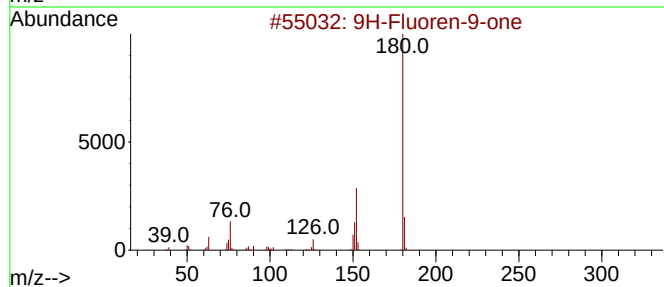
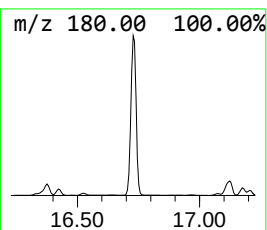
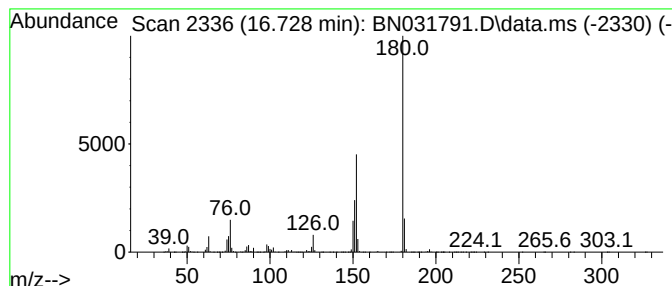
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	20.99 ng/ul	5240440	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
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Instrument :
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ClientSampleId :
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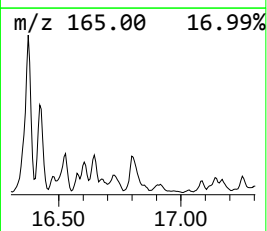
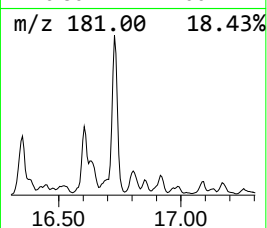
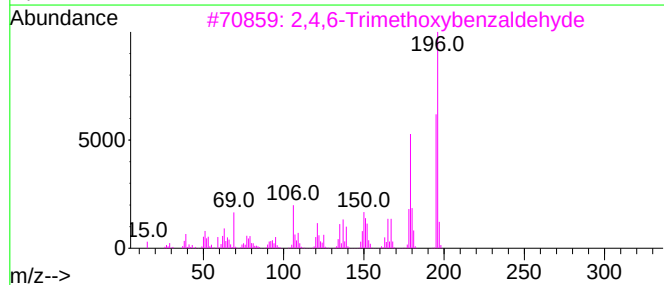
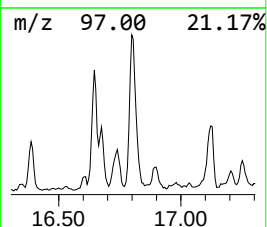
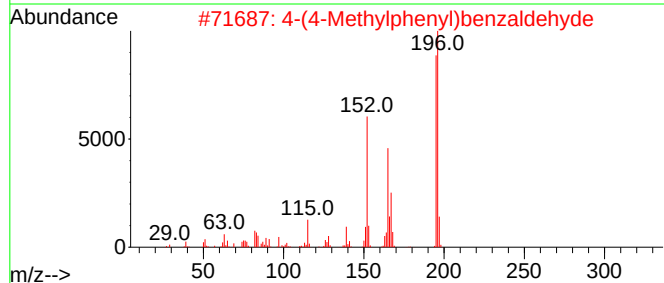
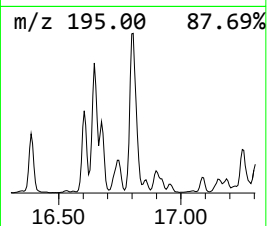
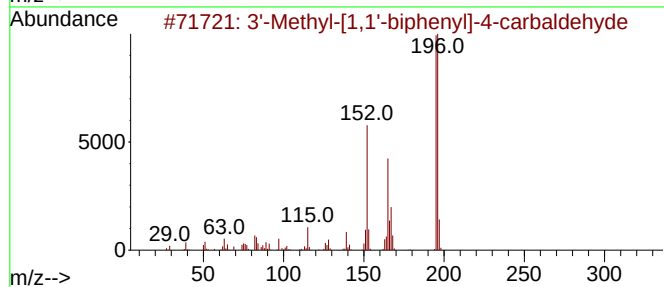
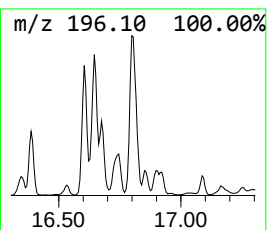
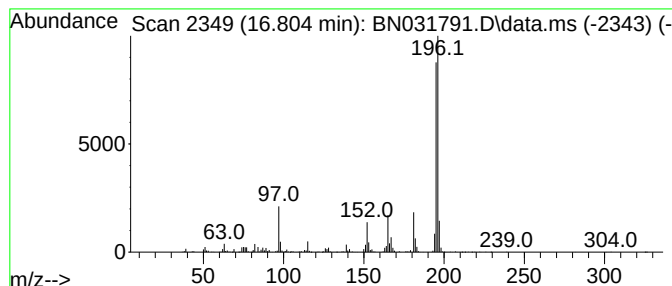
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	5.08 ng/ul	1268170	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	91
2			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
3			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4			Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	76
5			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
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Instrument :
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ClientSampleId :
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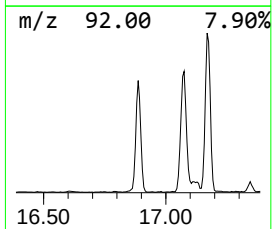
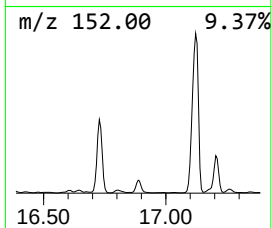
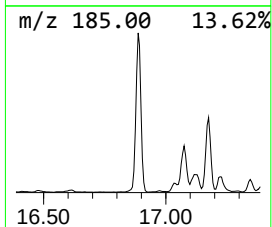
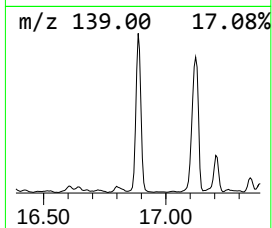
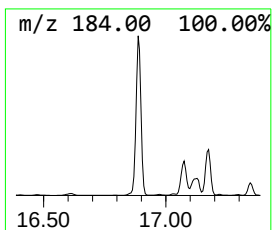
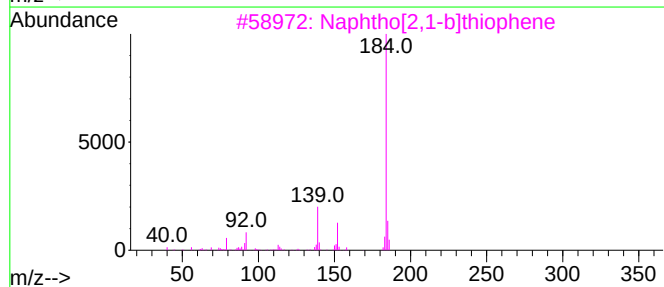
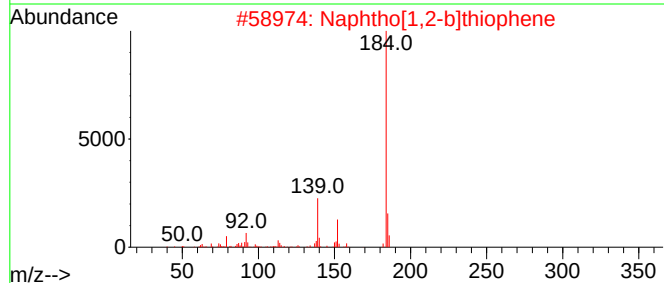
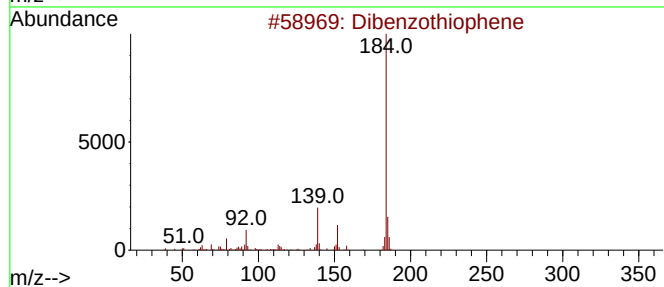
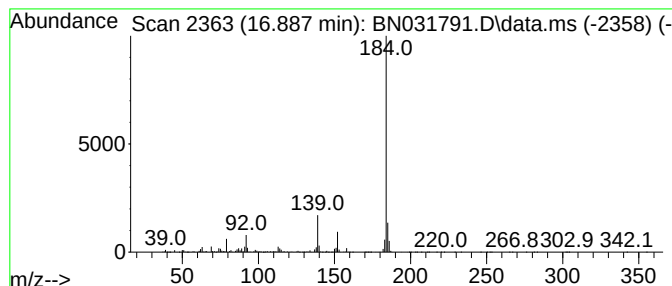
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	13.18 ng/ul	3290010	Phenanthrene-d10	17.075

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	97
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	97
5			Dibenzothiophene	184	C12H8S	000132-65-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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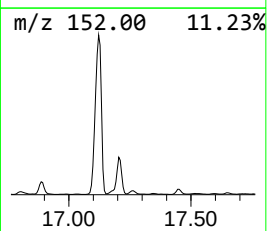
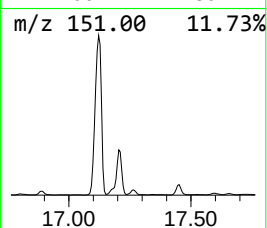
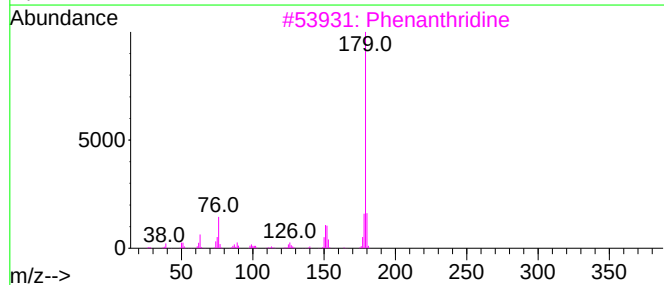
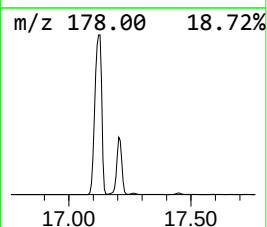
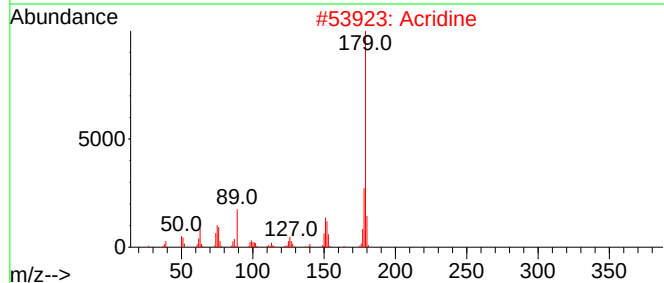
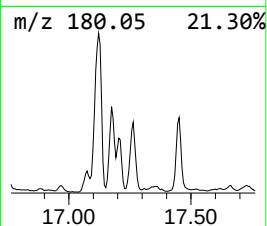
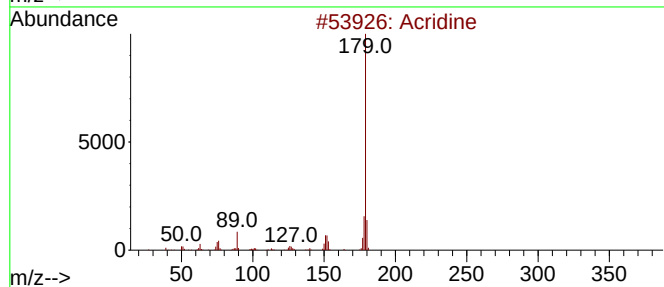
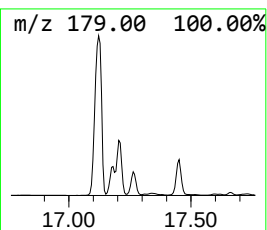
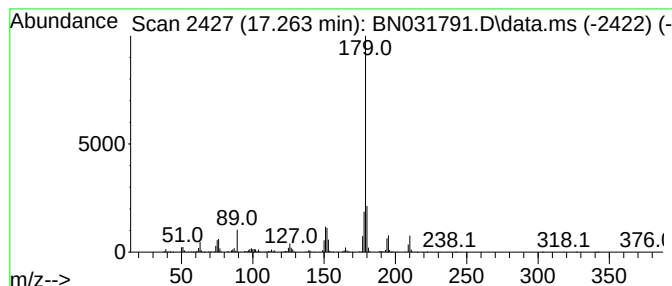
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Acridine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.263	4.09 ng/ul	1021460	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	94
2			Acridine	179	C13H9N	000260-94-6	93
3			Phenanthridine	179	C13H9N	000229-87-8	93
4			Acridine	179	C13H9N	000260-94-6	93
5			Acridine	179	C13H9N	000260-94-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

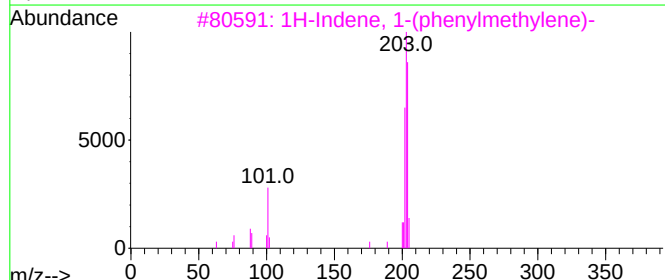
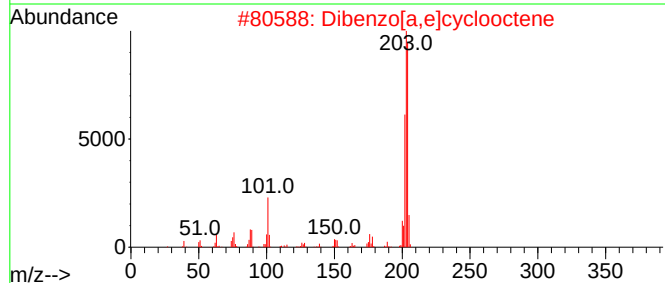
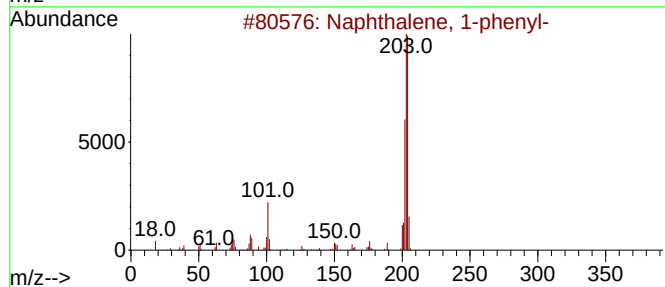
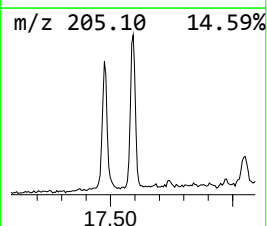
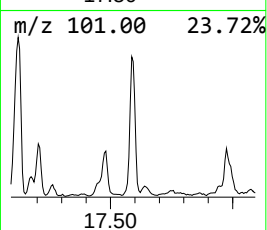
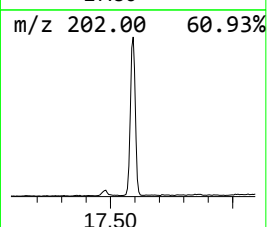
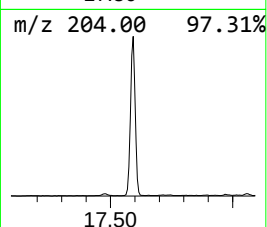
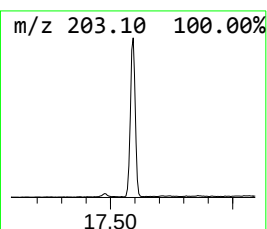
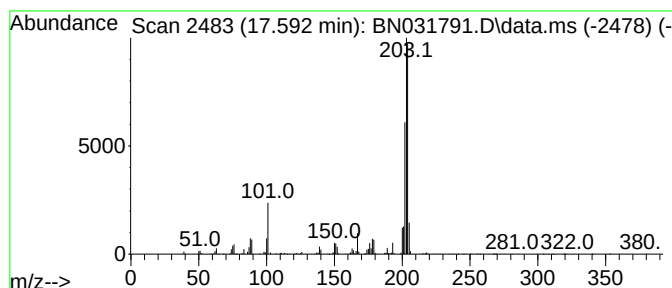
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.592	4.91 ng/ul	1225120	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	95
3	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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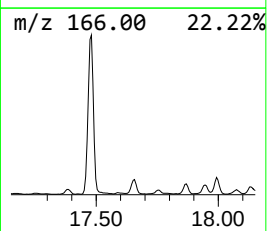
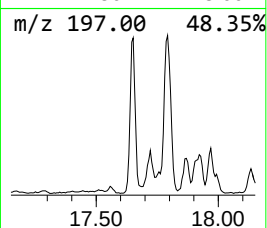
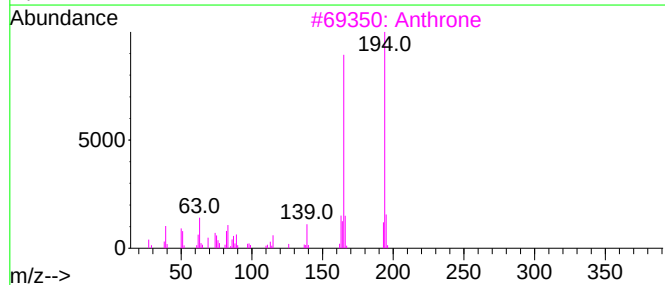
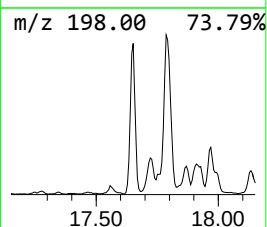
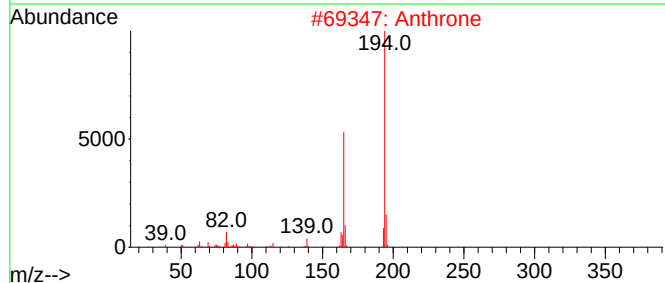
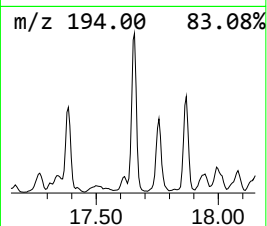
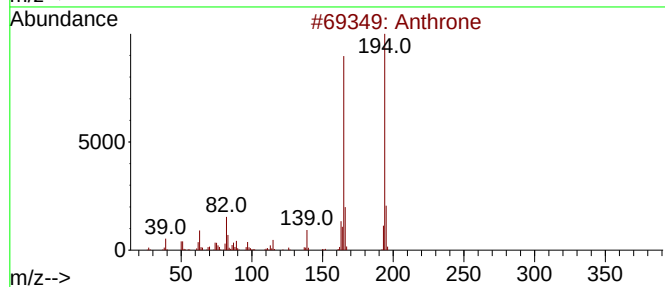
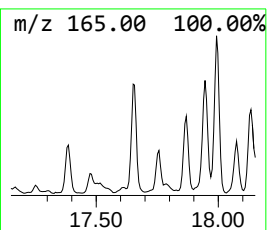
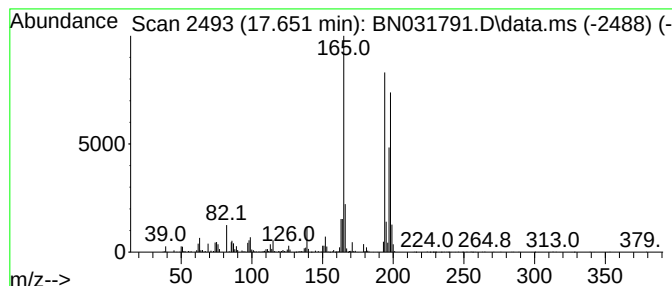
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthrone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	6.21 ng/ul	1550630	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	78
2			Anthrone	194	C14H10O	000090-44-8	78
3			Anthrone	194	C14H10O	000090-44-8	60
4			Anthrone	194	C14H10O	000090-44-8	60
5			9-Phenanthrenol	194	C14H10O	000484-17-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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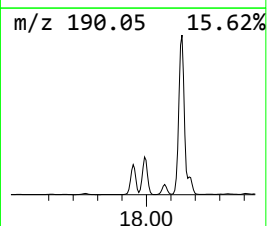
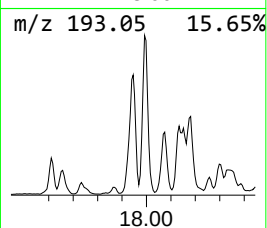
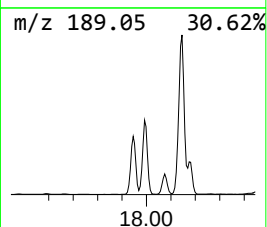
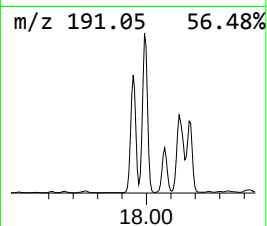
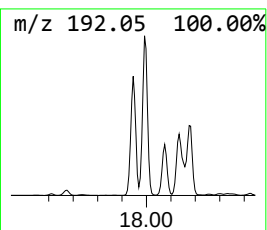
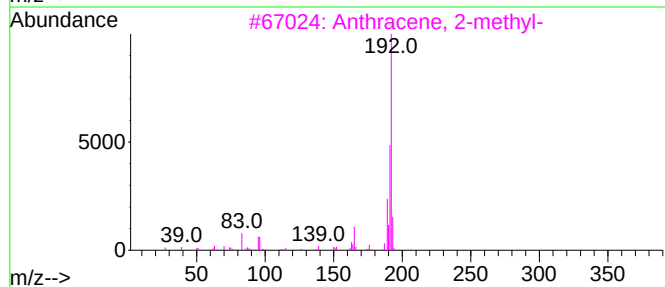
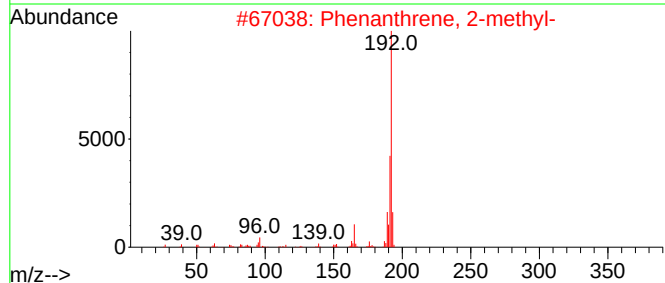
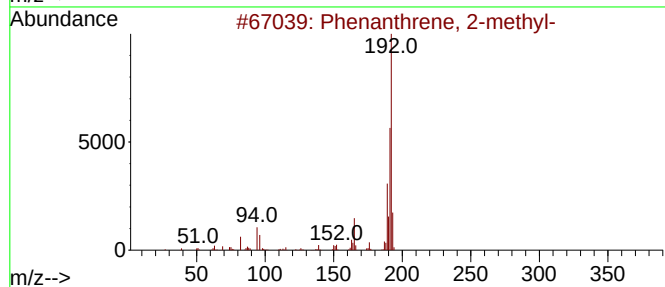
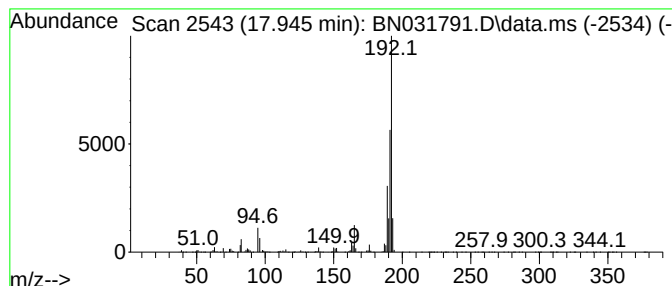
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.945	21.78 ng/ul	5436560	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, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
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ClientSampleId :
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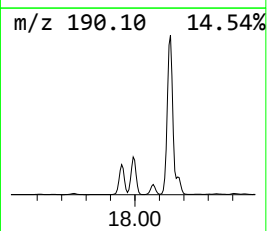
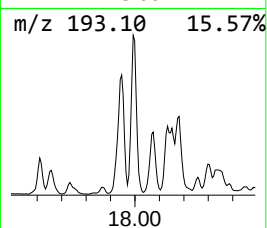
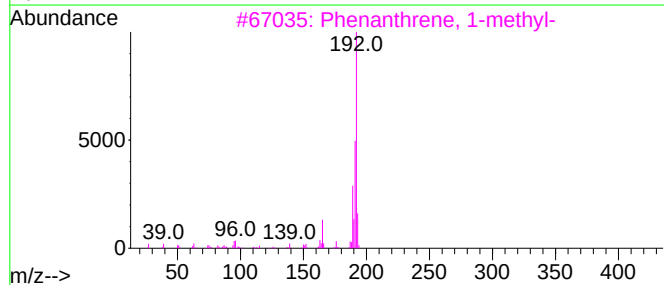
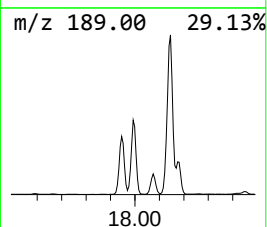
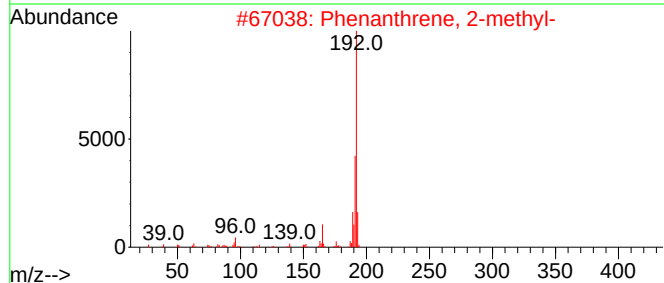
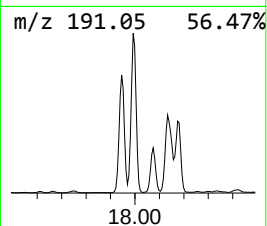
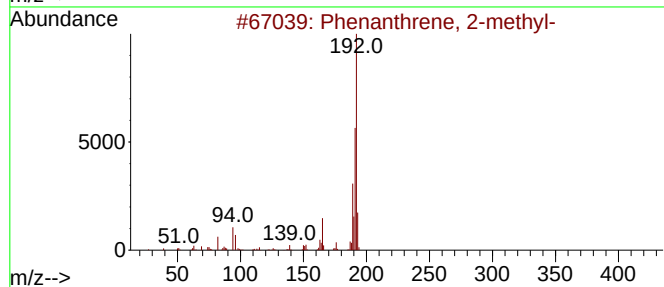
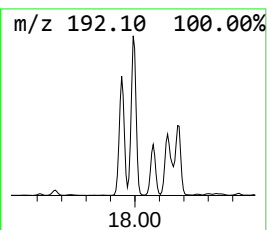
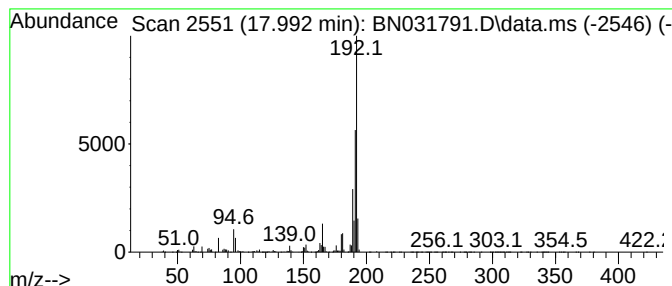
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	33.89 ng/ul	8461130	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, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ7

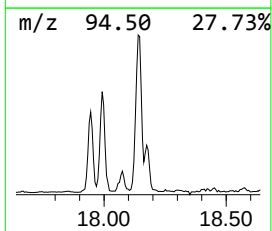
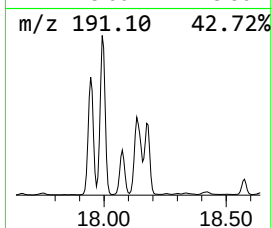
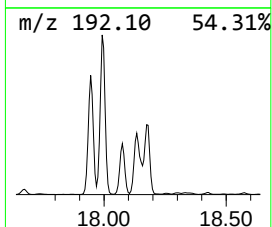
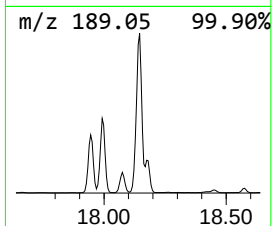
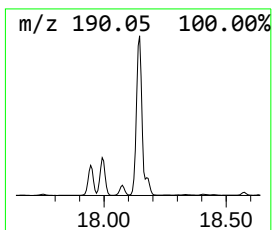
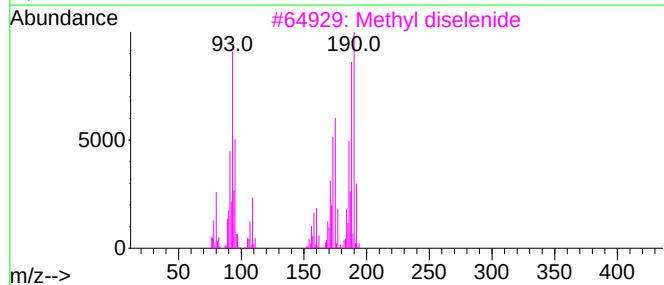
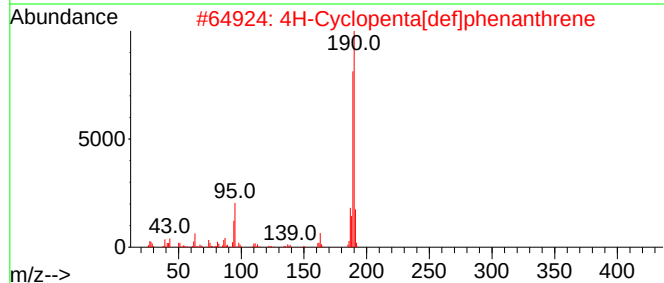
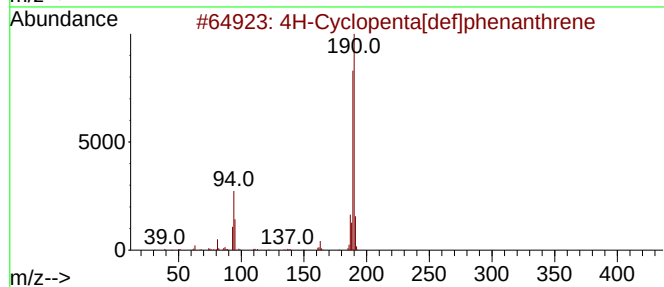
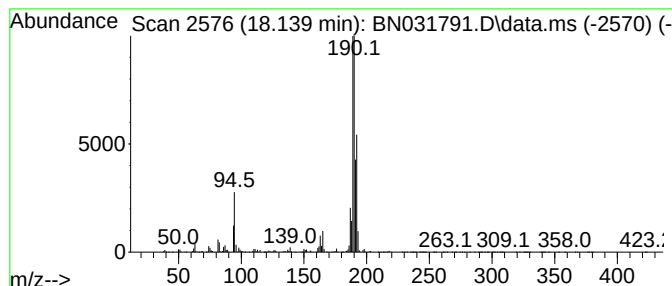
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	30.70 ng/ul	7665130	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	49
3			Methyl diselenide	190	C2H6Se2	007101-31-7	38
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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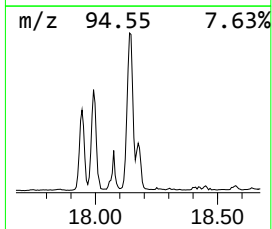
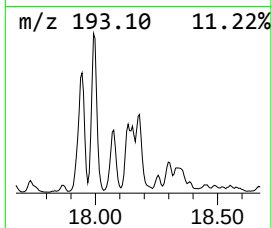
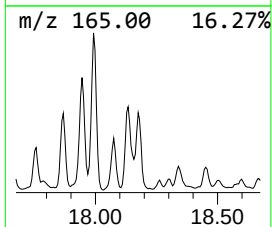
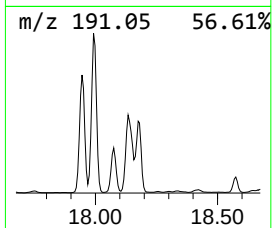
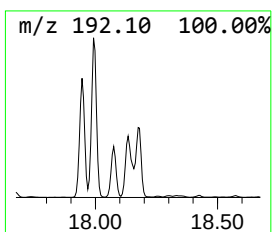
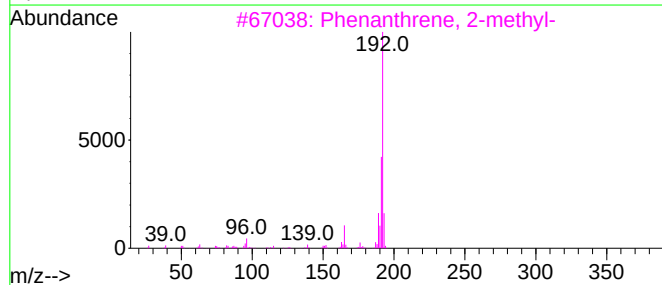
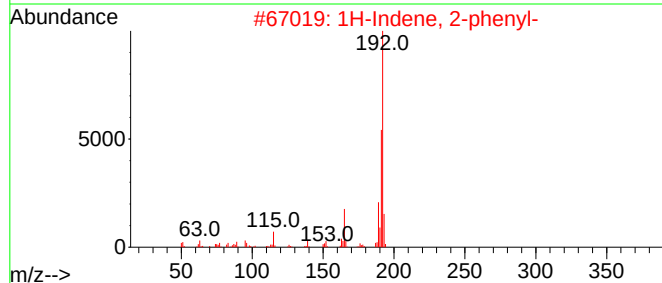
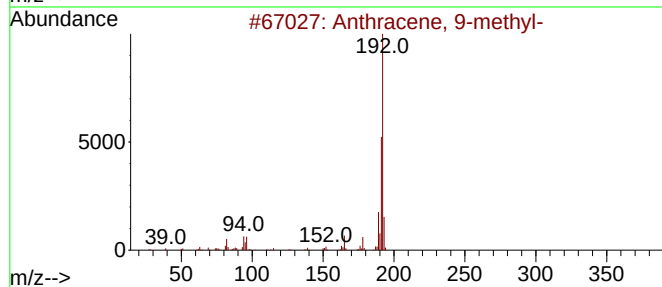
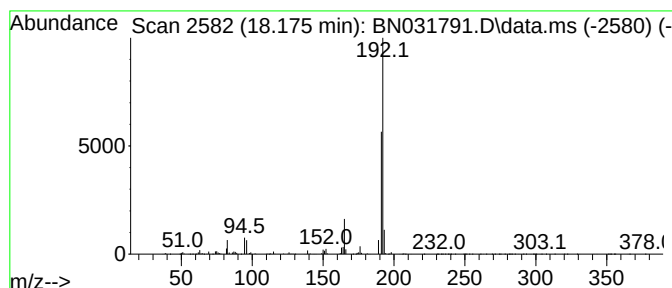
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	10.84 ng/ul	2706050	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	76
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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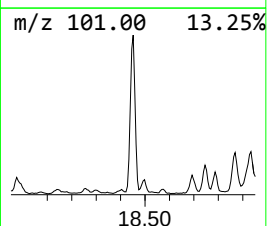
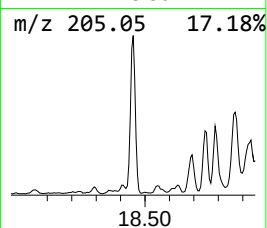
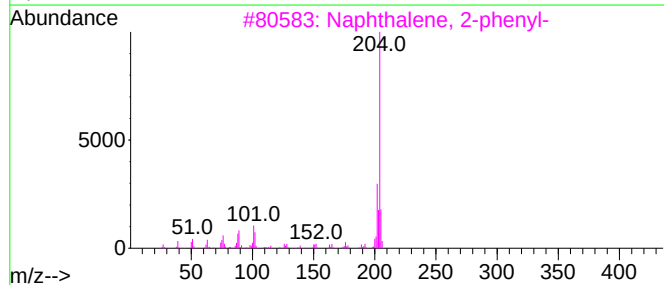
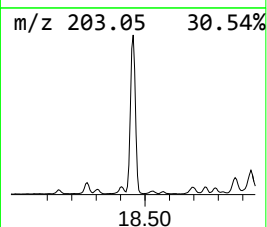
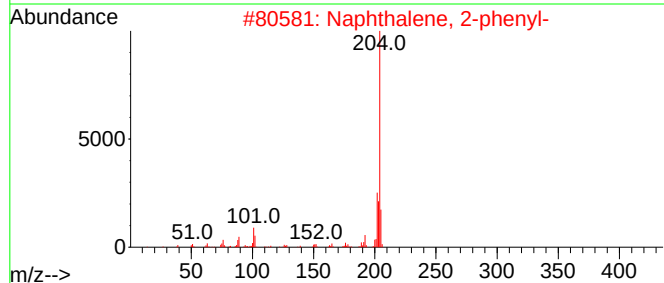
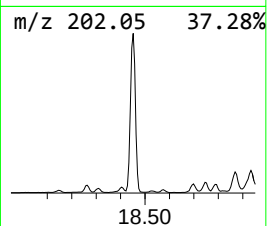
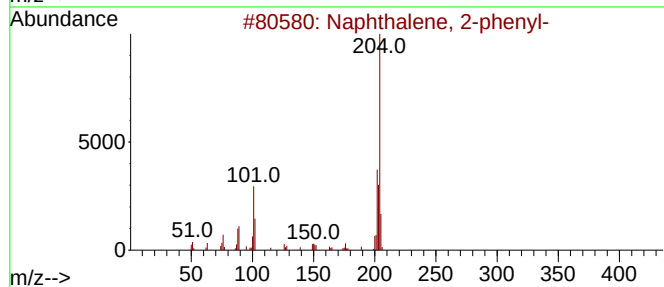
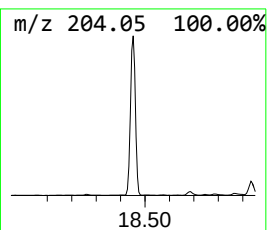
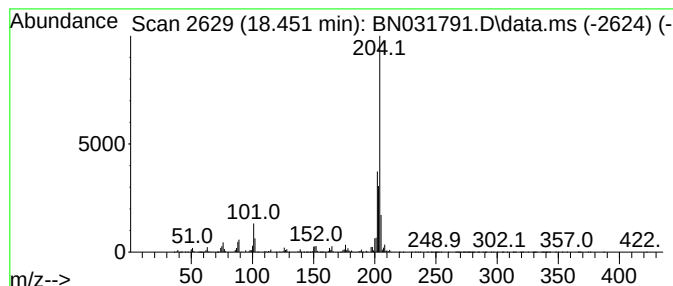
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	15.82 ng/ul	3949110	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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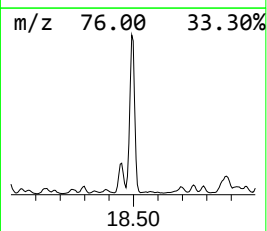
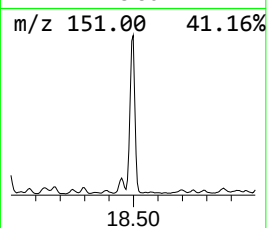
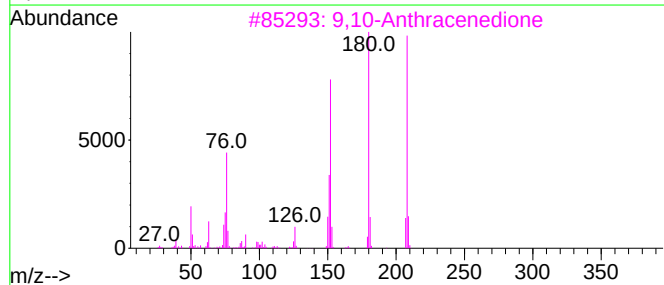
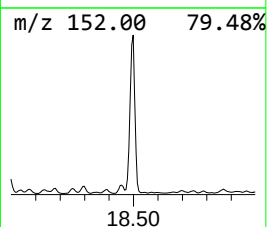
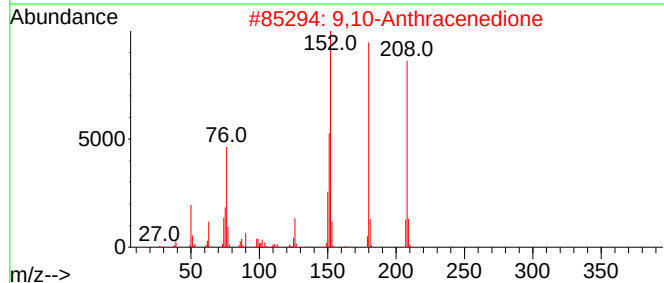
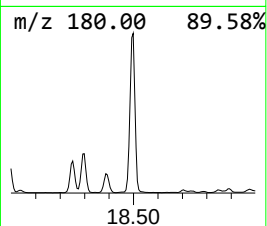
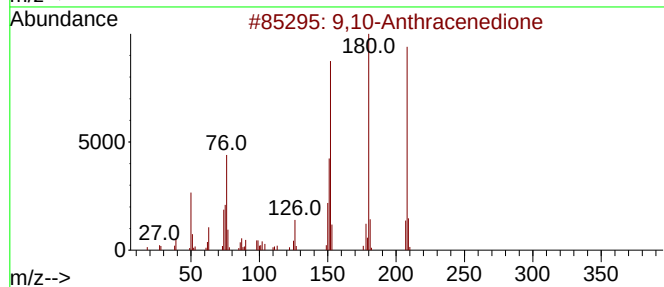
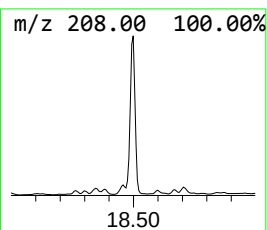
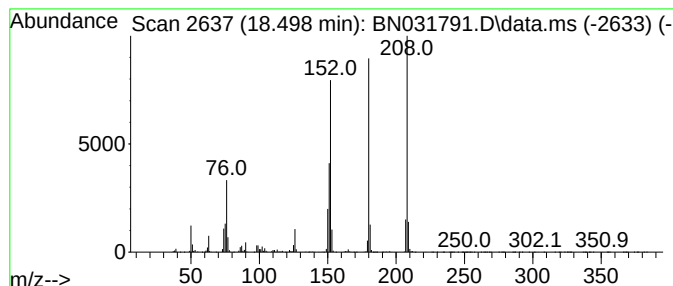
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	18.27 ng/ul	4560350	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	97
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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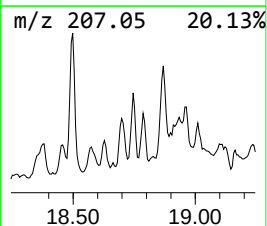
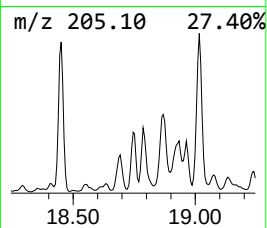
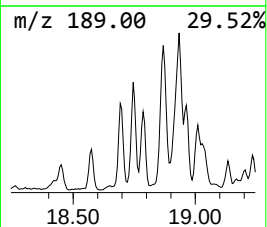
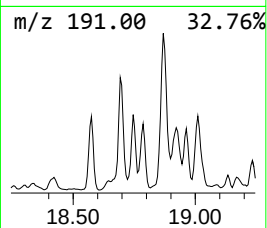
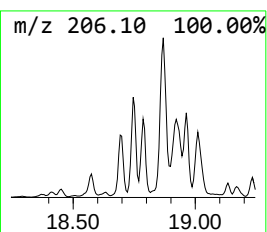
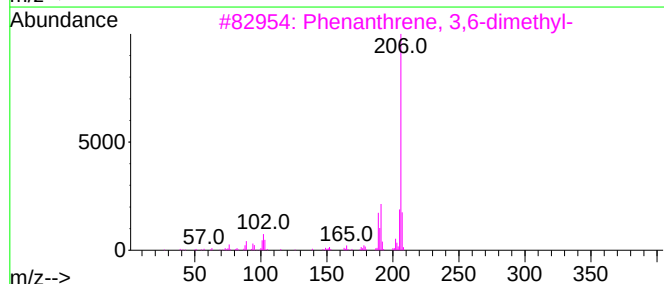
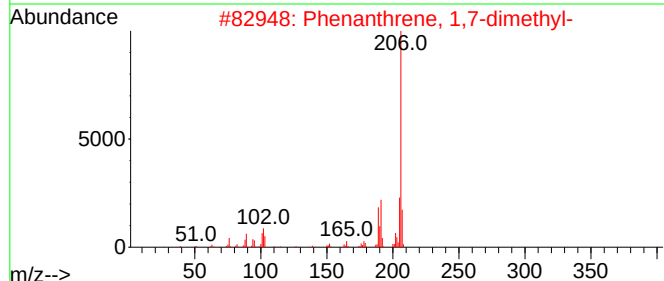
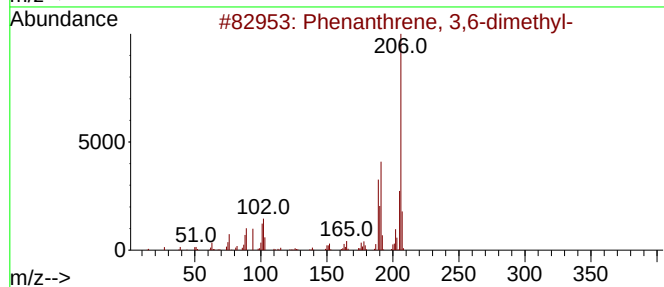
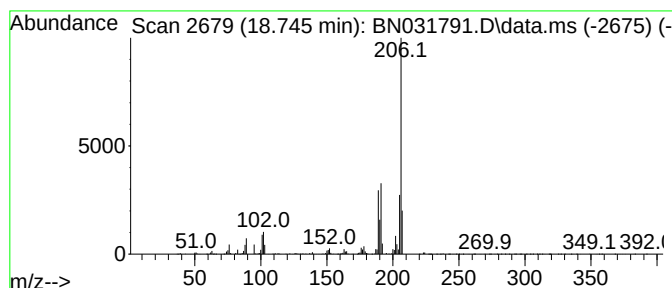
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	3.90 ng/ul	973120	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
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Instrument :
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ClientSampleId :
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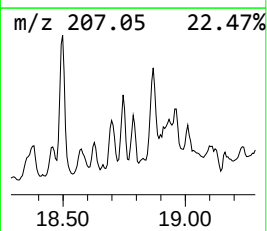
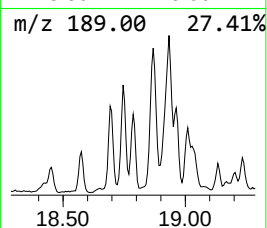
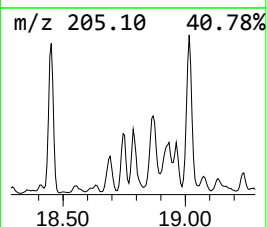
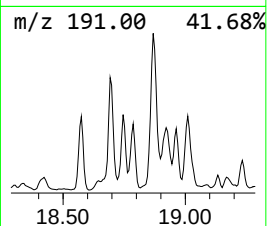
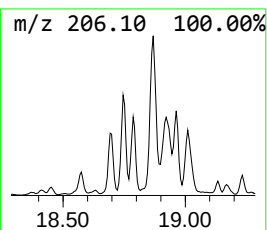
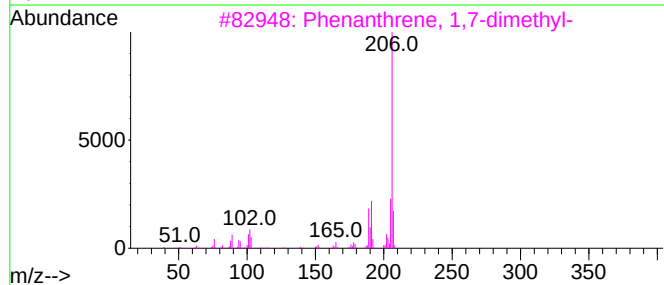
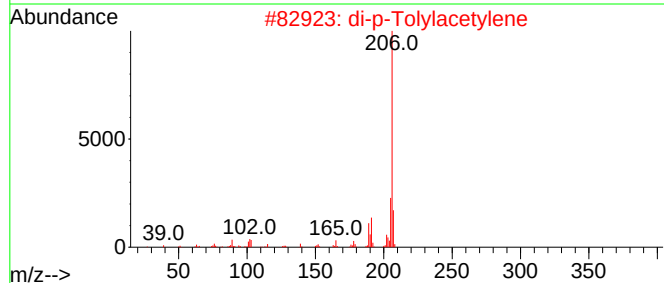
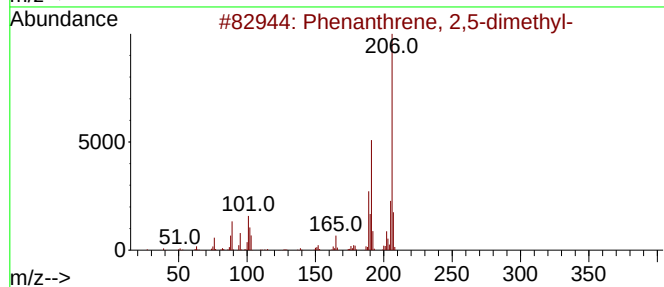
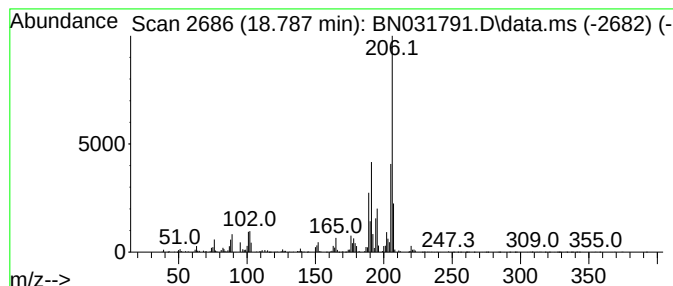
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.787	3.82 ng/ul	952823	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	89
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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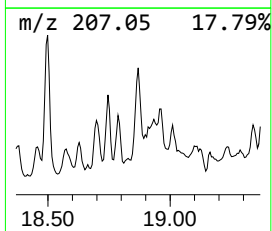
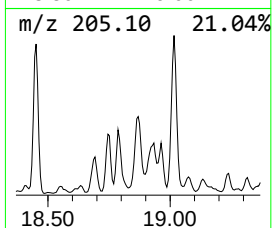
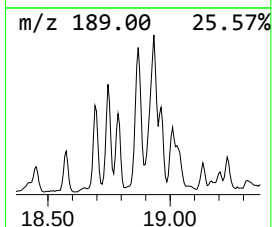
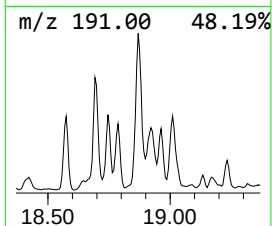
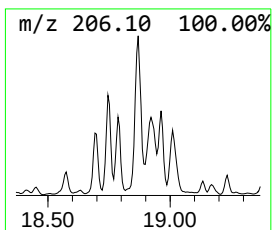
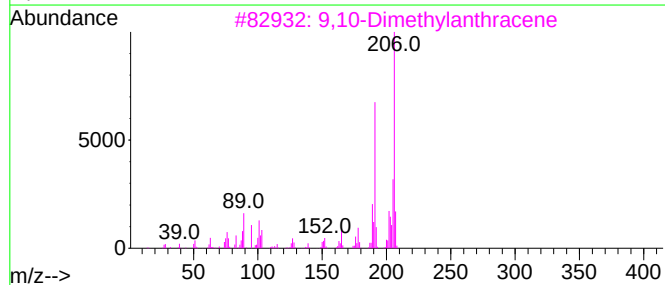
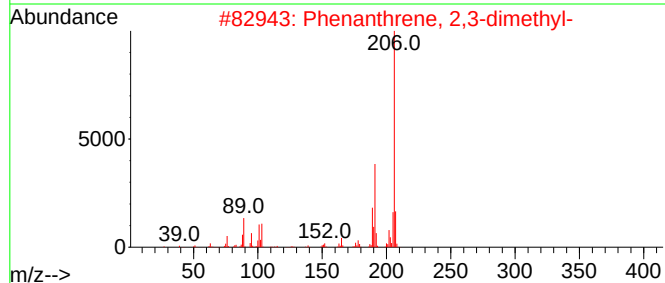
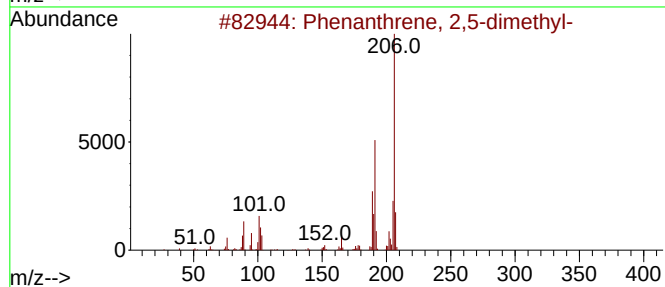
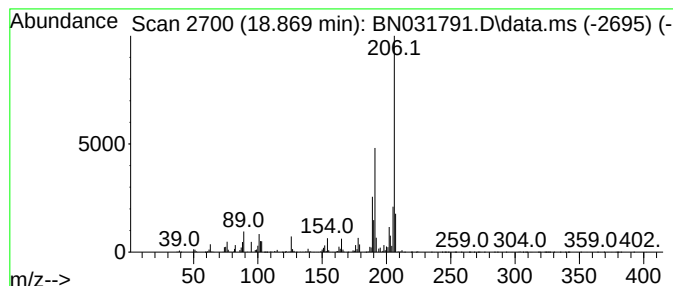
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	12.13 ng/ul	3028780	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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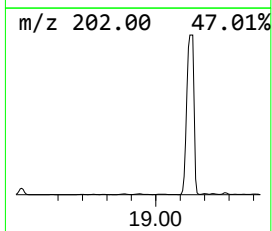
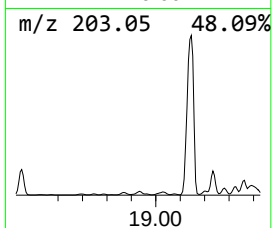
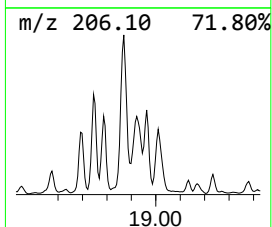
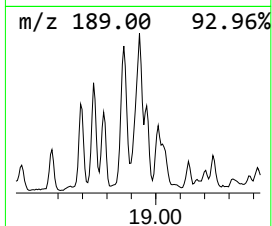
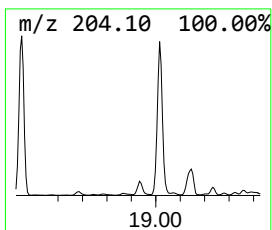
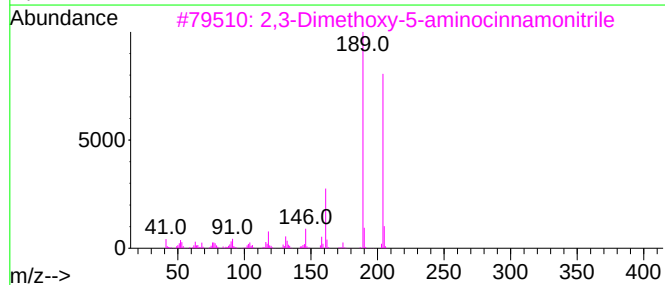
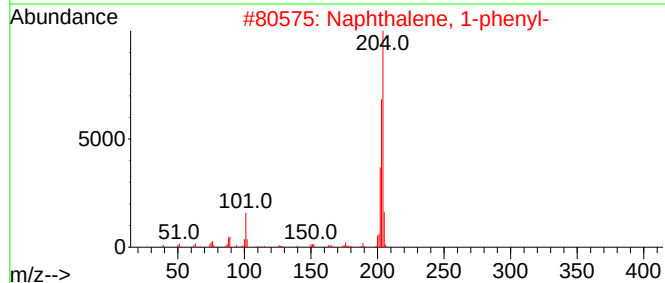
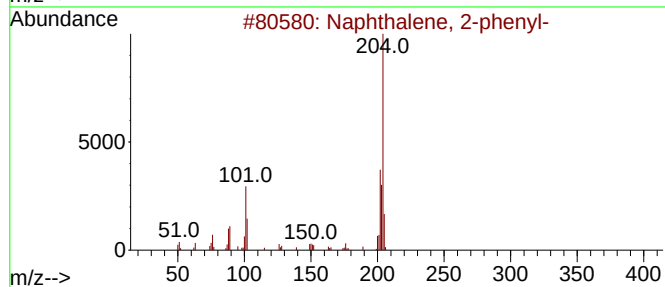
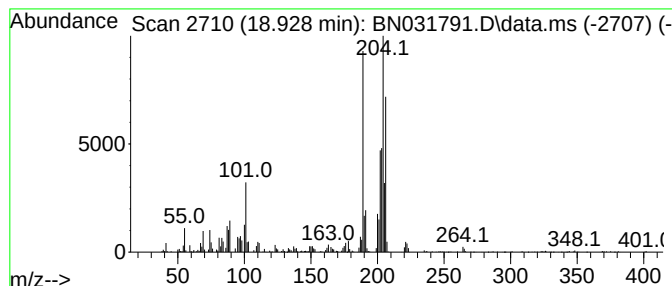
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	4.59 ng/ul	1145420	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
3			2,3-Dimethoxy-5-aminocinnamitrile	204	C11H12N2O2	1000214-46-5	35
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
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Instrument :
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ClientSampleId :
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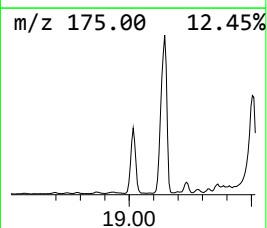
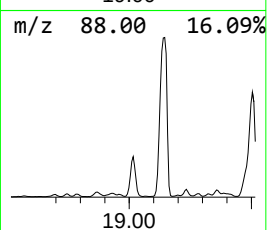
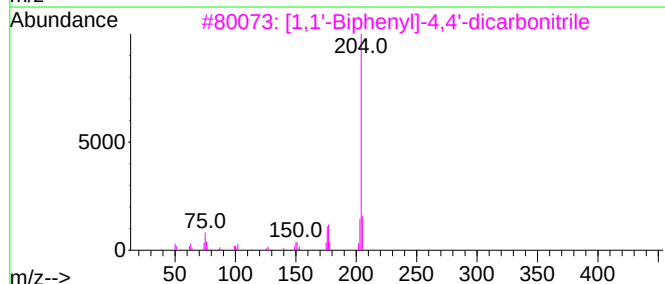
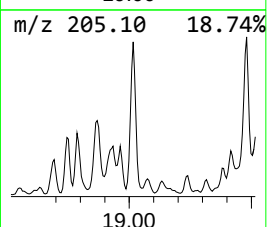
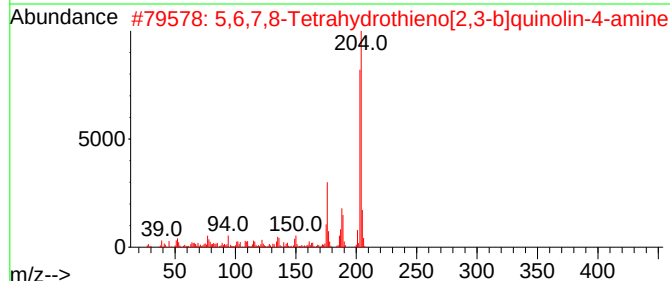
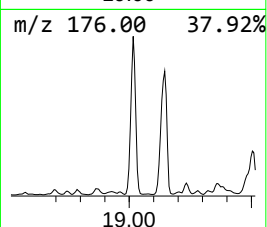
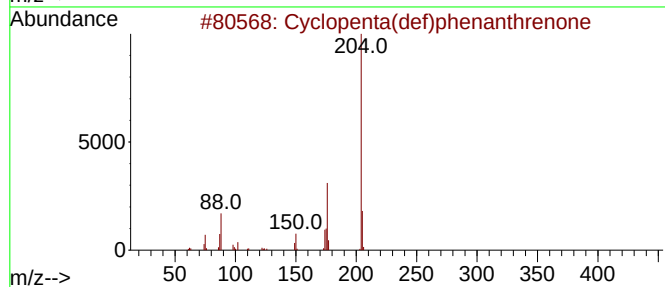
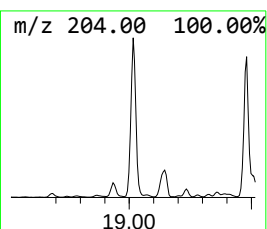
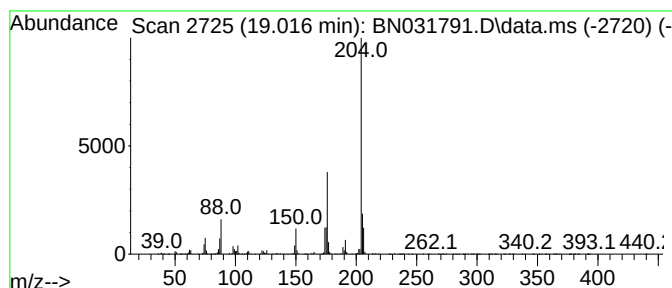
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	16.90 ng/ul	4219990	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

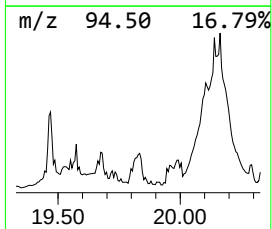
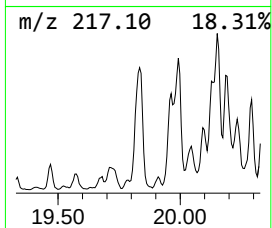
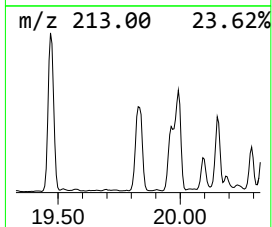
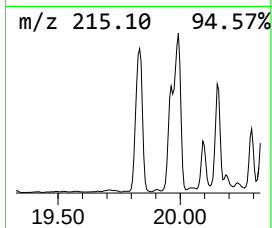
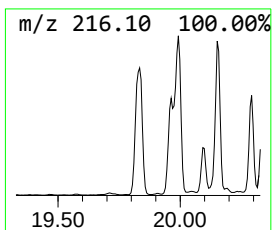
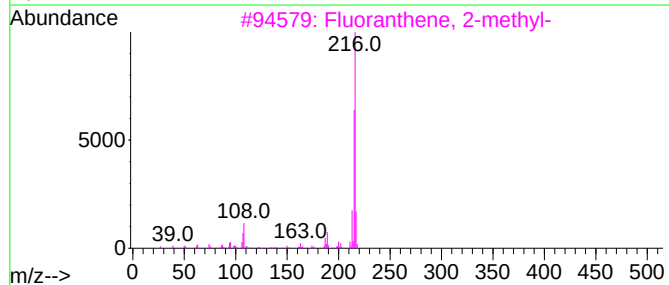
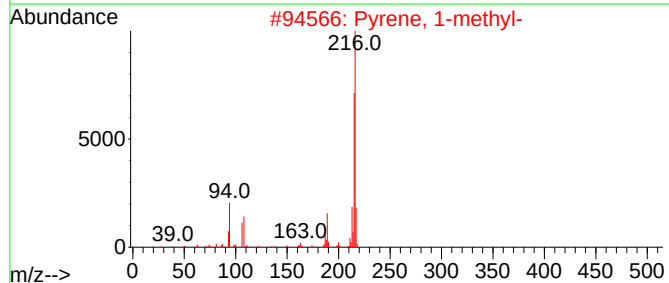
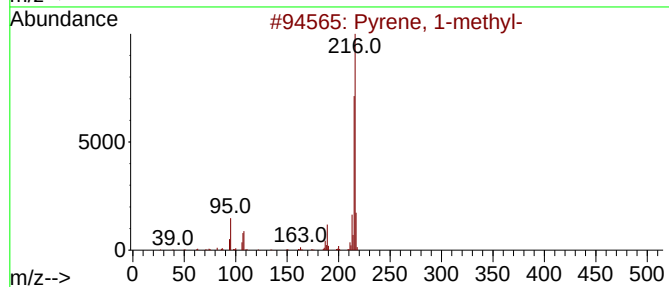
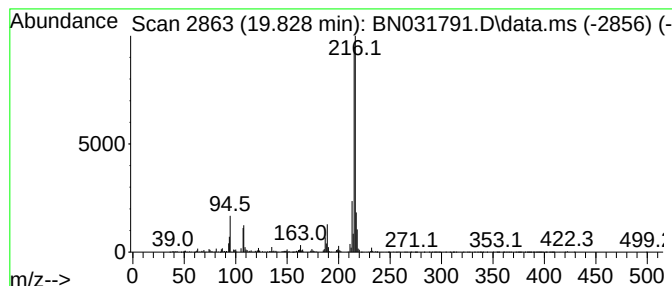
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Pyrene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.828	3.59 ng/ul	5560540	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	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	92
4	Pyrene, 1-methyl-		216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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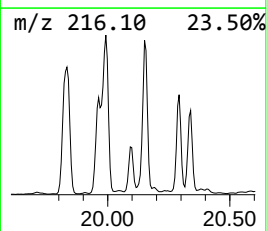
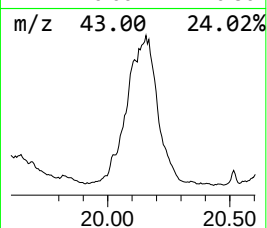
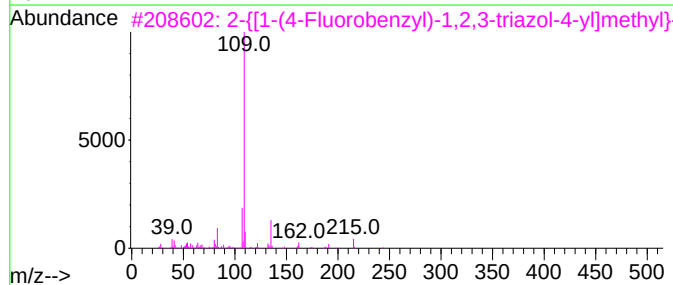
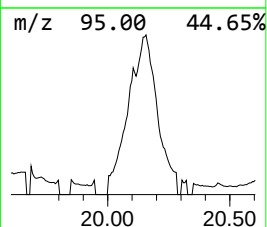
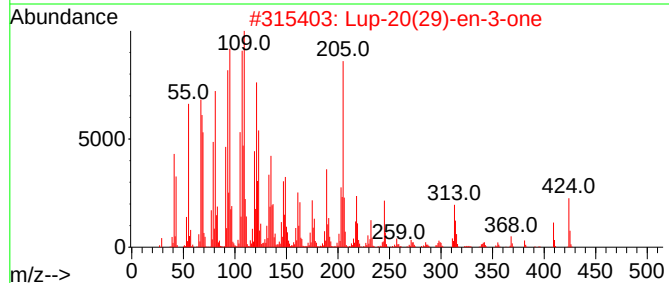
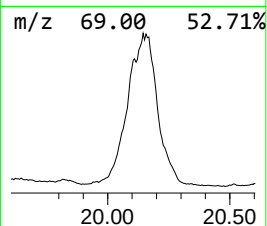
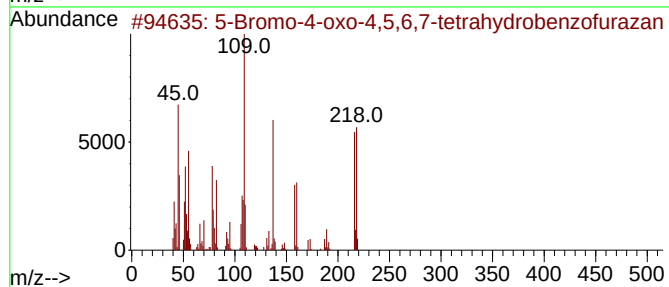
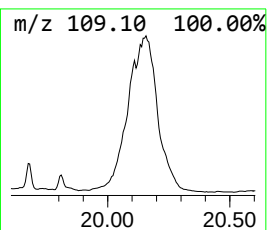
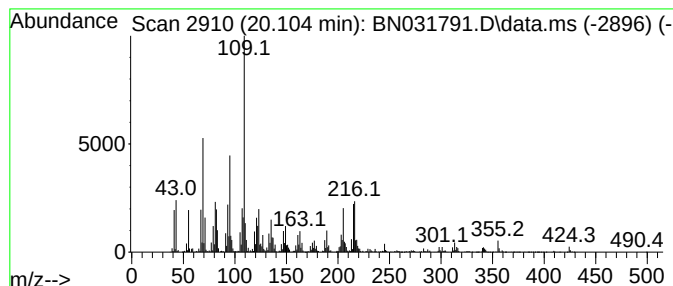
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.104	8.65 ng/ul	13388600	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	46
2			Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	38
3			2-([1-(4-Fluorobenzyl)-1,2,3-tri...	308	C13H13FN4O2S	1000481-48-9	35
4			7-(2,6-Dimethyl-hepta-1,5-dienyl...	272	C20H32	1000190-62-8	25
5			4-Methyl-4-(1H-pyrazol-5-yl)pipe...	165	C9H15N3	1000460-41-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

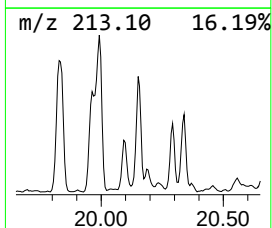
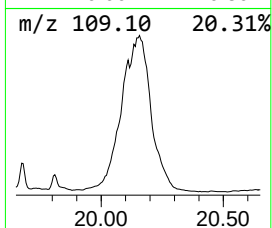
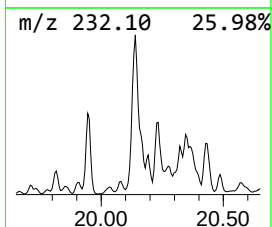
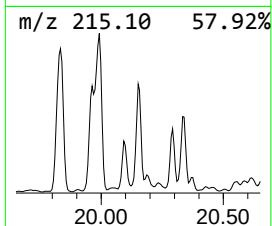
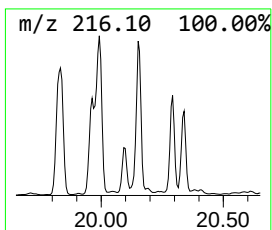
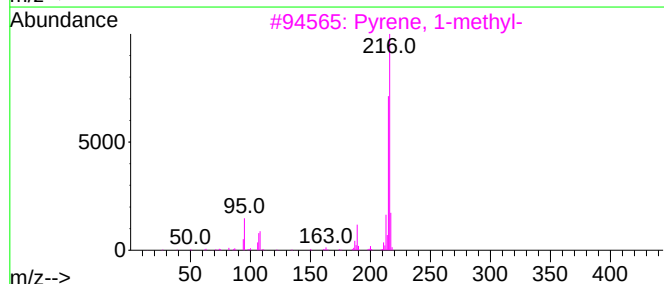
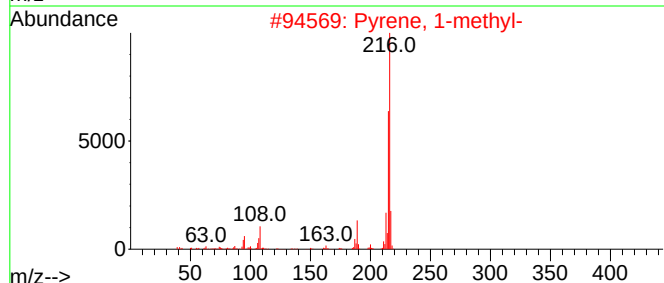
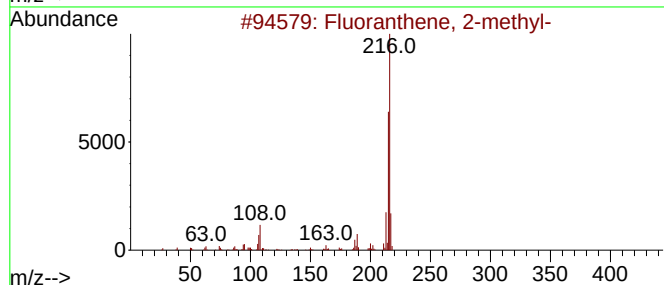
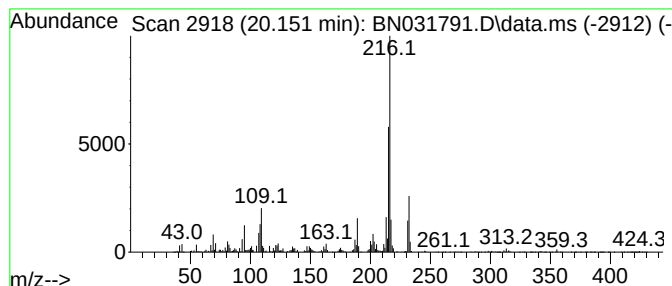
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.151	14.52 ng/ul	22469300	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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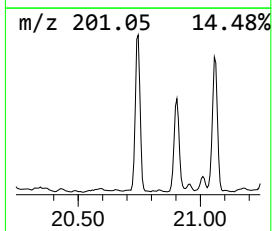
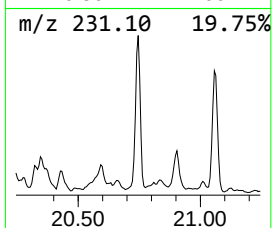
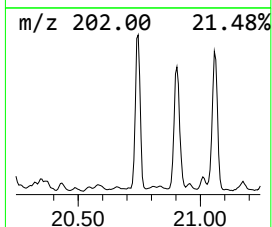
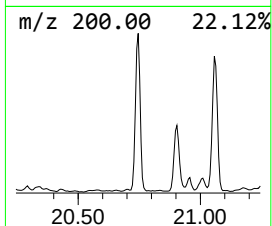
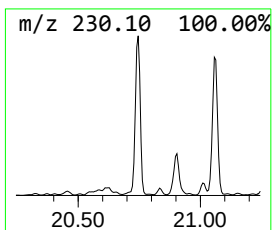
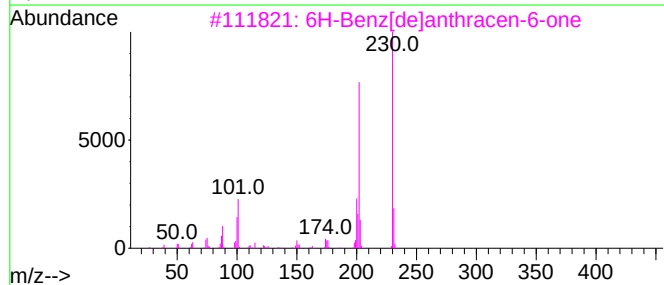
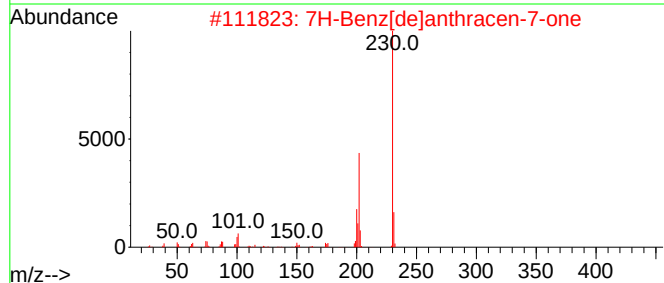
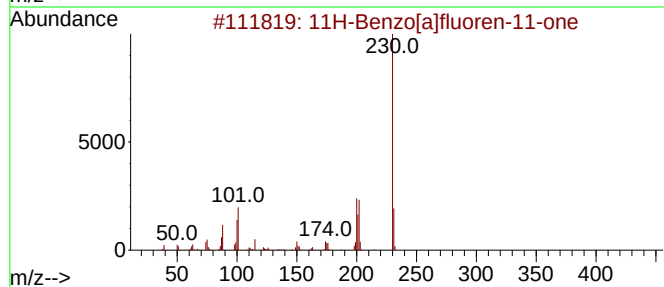
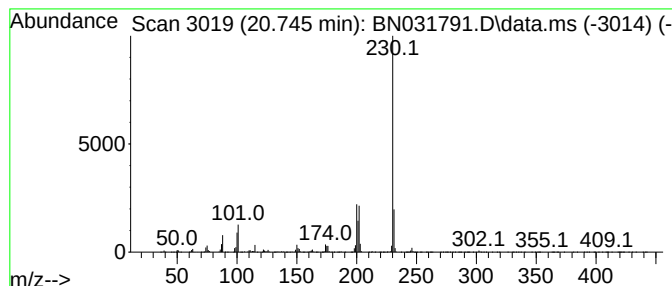
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	4.48 ng/ul	6933230	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	91
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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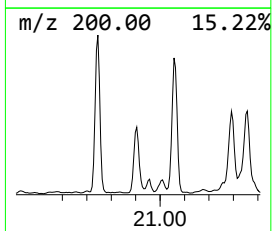
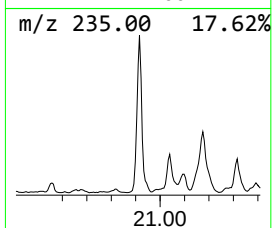
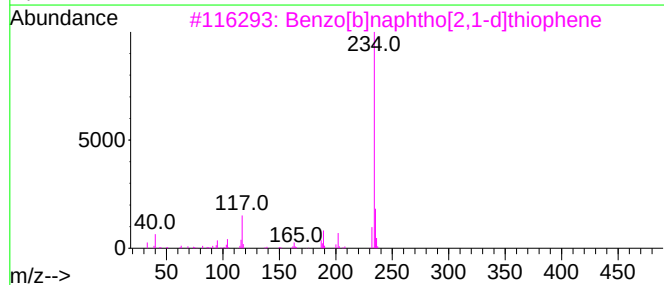
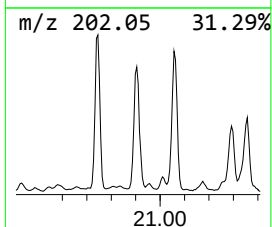
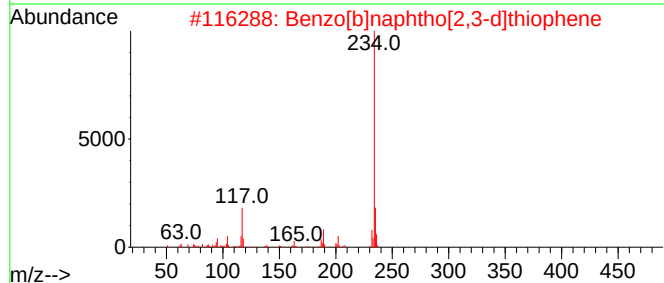
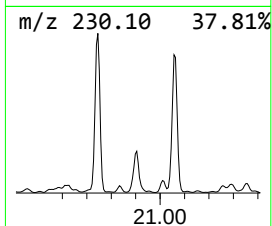
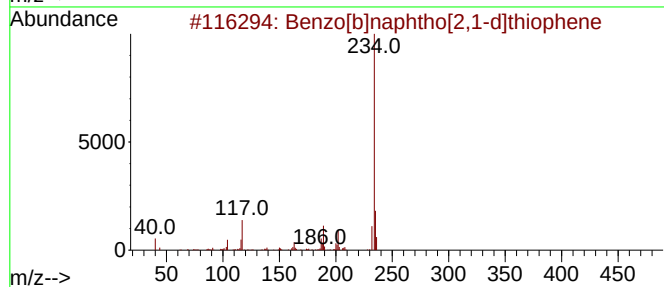
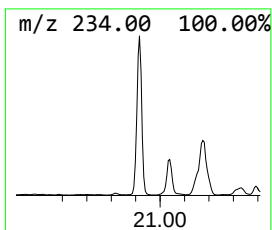
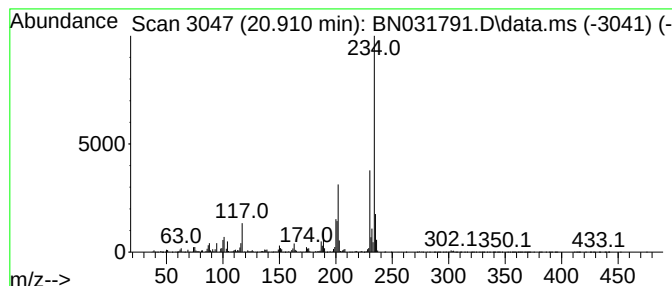
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	4.10 ng/ul	6345830	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

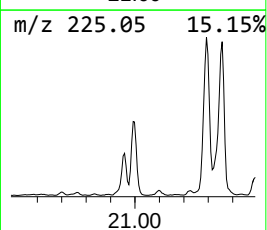
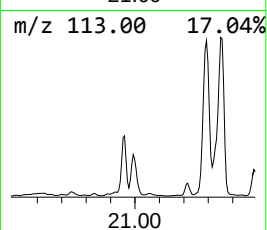
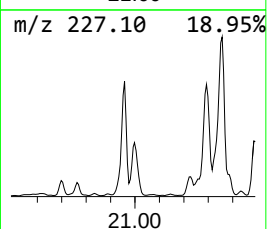
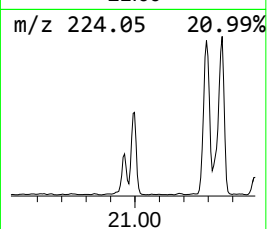
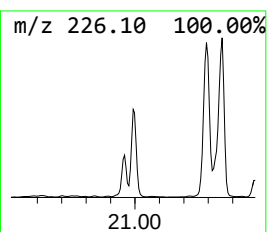
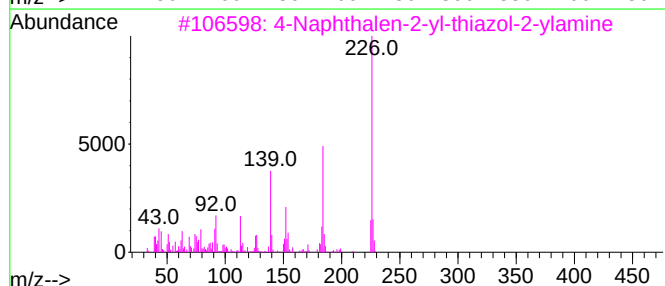
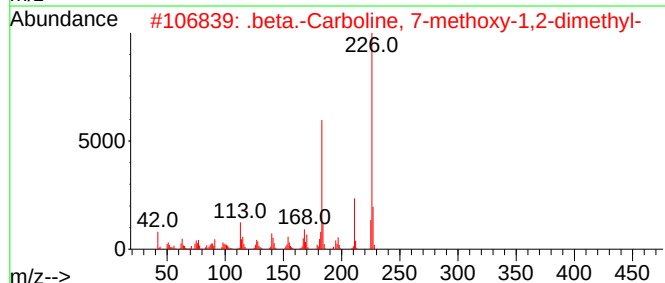
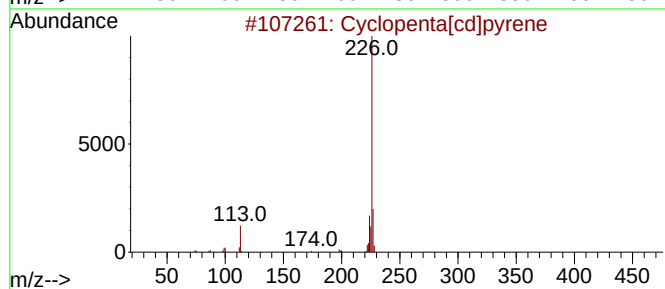
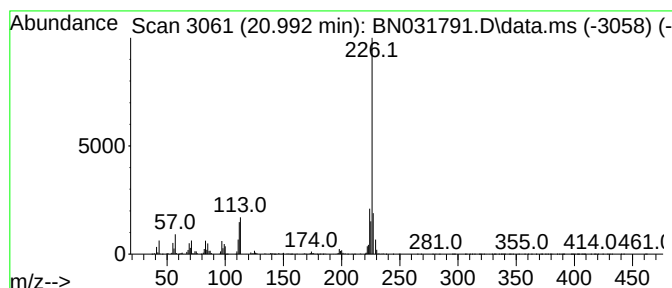
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 Cyclopenta[cd]pyrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.992	4.29 ng/ul	6637980	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	89
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7C1O2S	1010484-31-0	50
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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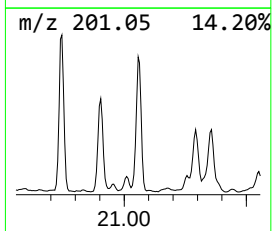
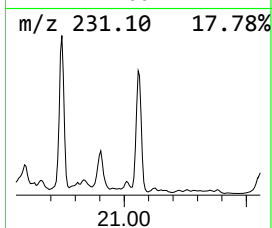
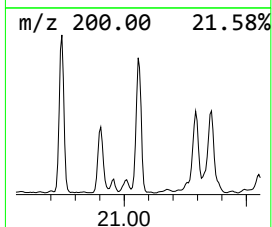
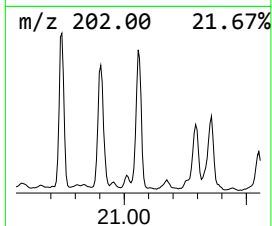
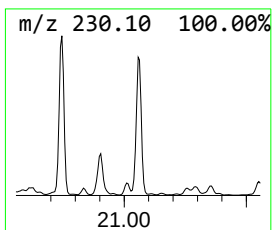
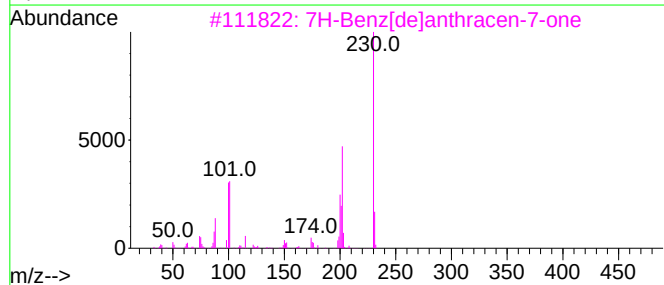
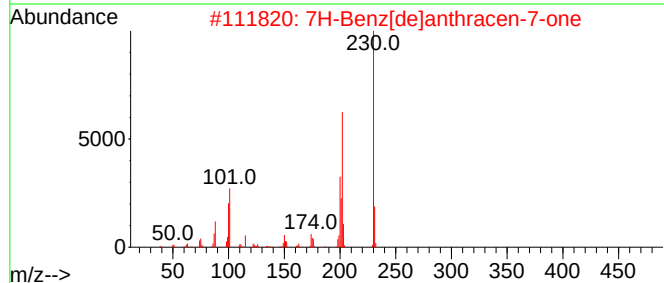
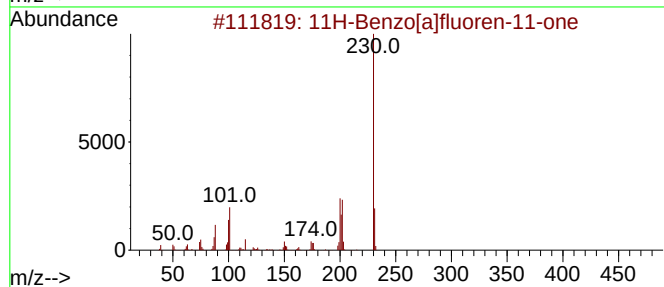
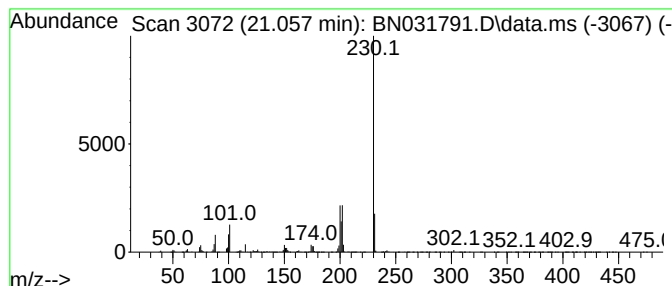
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	5.43 ng/ul	8405940	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	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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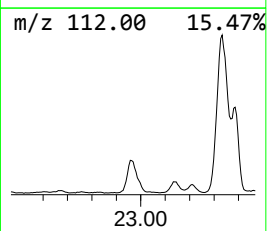
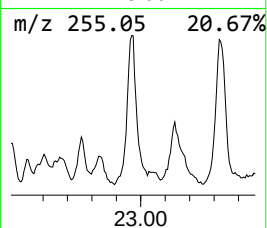
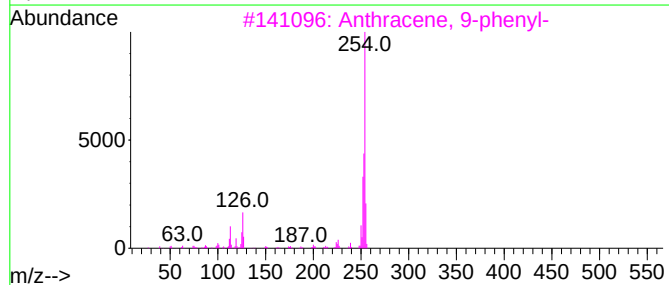
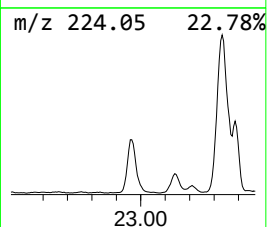
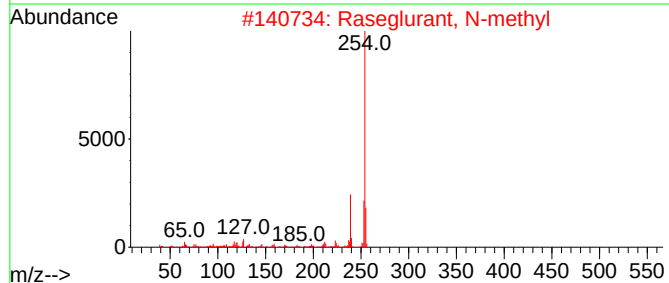
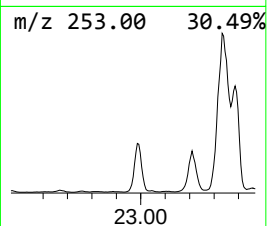
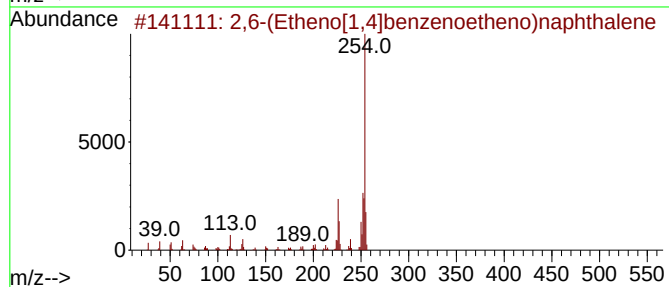
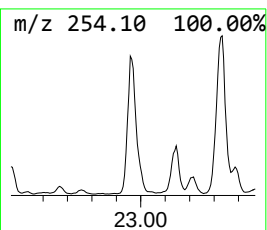
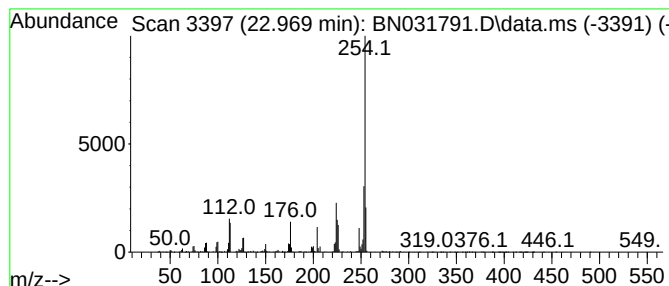
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.969	22.42 ng/ul	4323120	Perylene-d12	24.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	59
2		Raseglurant, N-methyl	254	C16H15FN2	1000498-91-9	58
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
4		5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	53
5		1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1010316-21-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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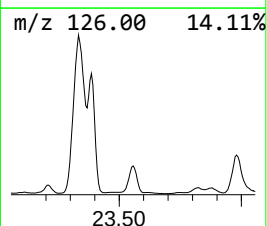
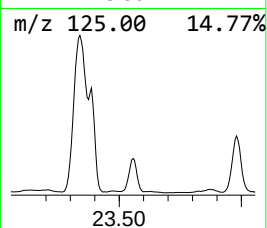
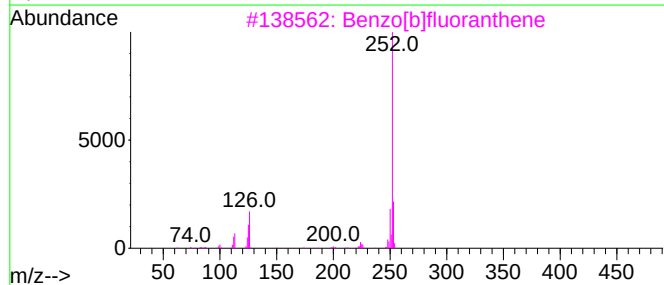
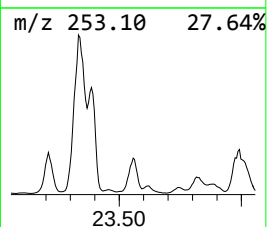
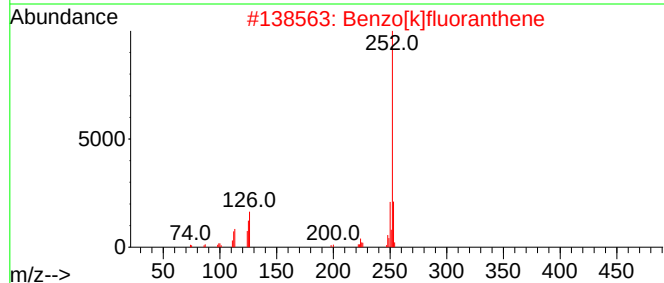
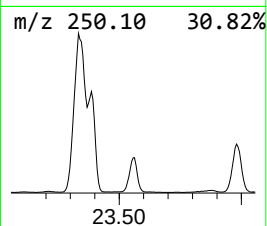
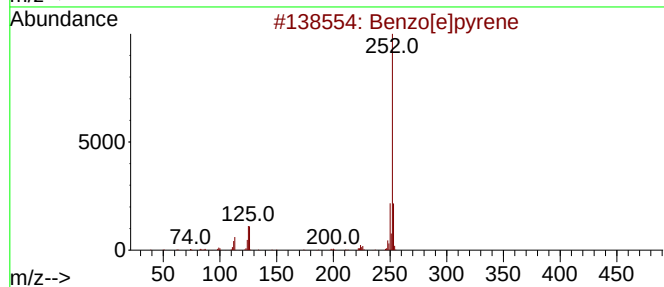
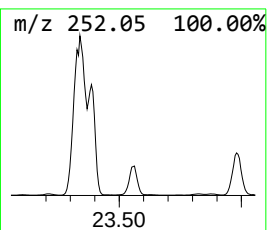
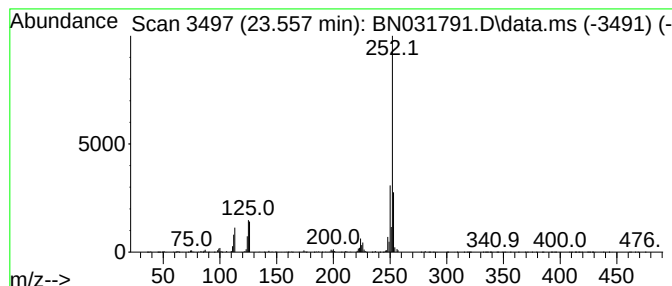
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	17.74 ng/ul	3421230	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ7

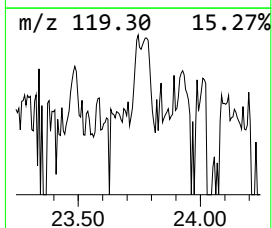
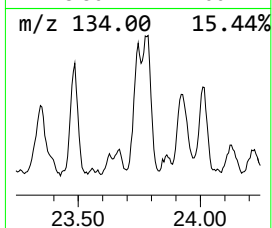
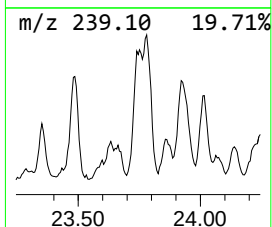
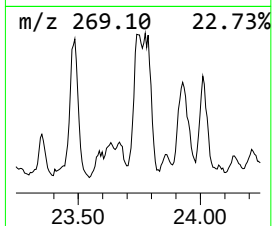
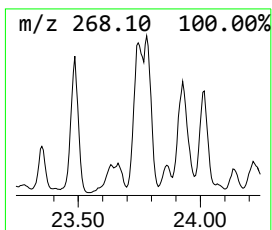
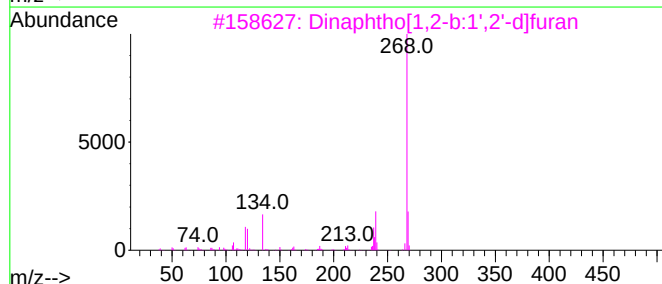
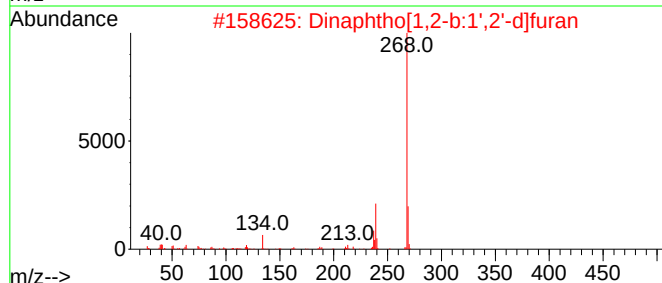
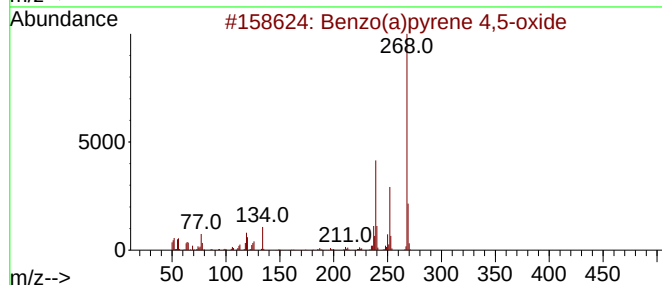
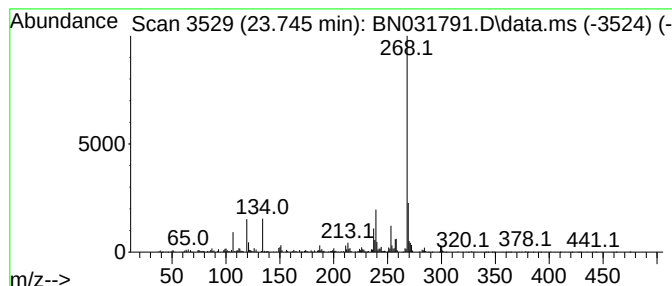
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 Benzo(a)pyrene 4,5-oxide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.745	7.31 ng/ul	1409440	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	90
2			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
3			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	83
4			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	80
5			(2E)-1,3-Bis(3-hydroxyphenyl)-2-...	268	C17H16O3	1000504-86-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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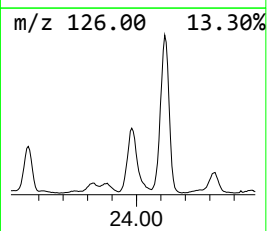
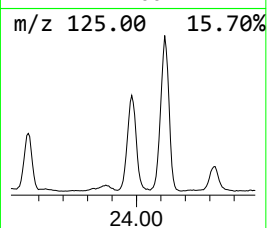
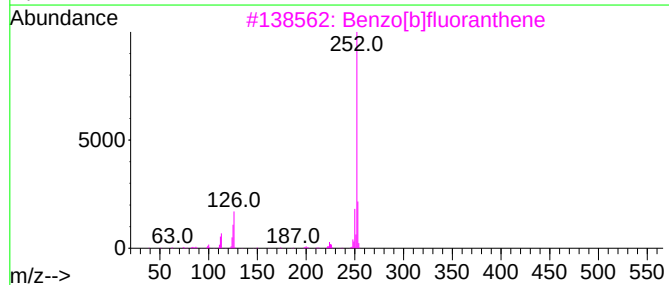
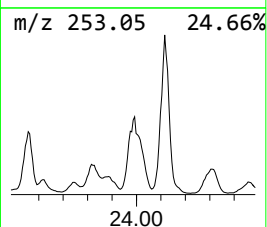
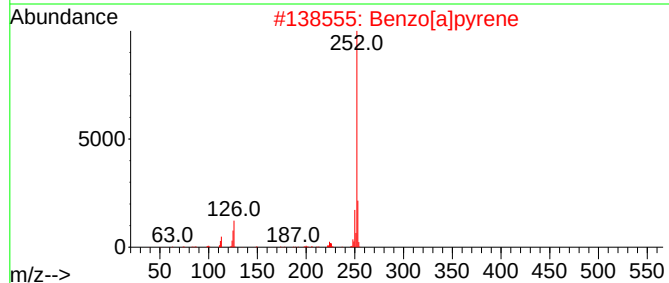
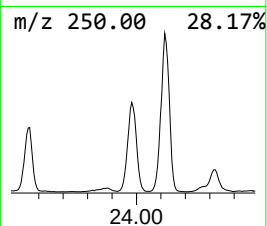
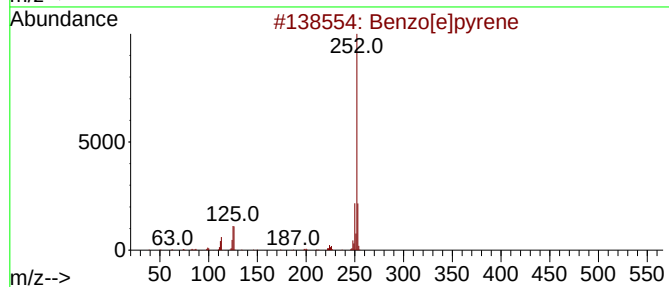
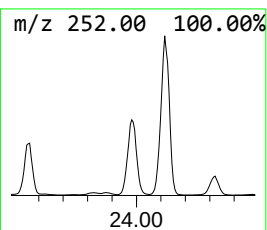
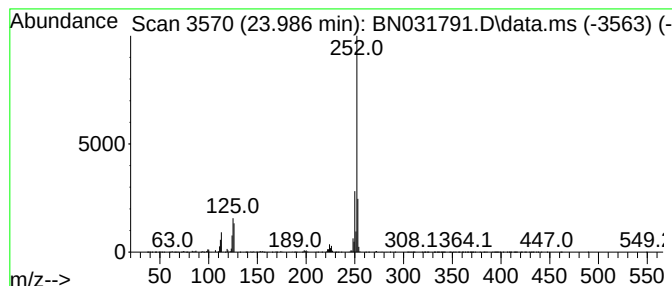
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	25.31 ng/ul	4880910	Perylene-d12	24.251

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	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[e]pyrene	252	C20H12	000192-97-2	94
5			Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031791.D
Acq On : 05 Jun 2024 00:47
Operator : MA/JU
Sample : P2591-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ7

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dibenzofuran, 4...	15.663	5.4	ng/ul	1494620	3	14.322	5526610	20.0
2,4,6-Cyclohept...	15.810	8.4	ng/ul	2095730	4	17.075	4992960	20.0
9H-Fluoren-9-one	16.728	21.0	ng/ul	5240440	4	17.075	4992960	20.0
3'-Methyl-[1,1'...	16.804	5.1	ng/ul	1268170	4	17.075	4992960	20.0
Dibenzothiophene	16.887	13.2	ng/ul	3290010	4	17.075	4992960	20.0
Acridine	17.263	4.1	ng/ul	1021460	4	17.075	4992960	20.0
Naphthalene, 1-...	17.592	4.9	ng/ul	1225120	4	17.075	4992960	20.0
Anthrone	17.651	6.2	ng/ul	1550630	4	17.075	4992960	20.0
Phenanthrene, 2...	17.945	21.8	ng/ul	5436560	4	17.075	4992960	20.0
Phenanthrene, 1...	17.992	33.9	ng/ul	8461130	4	17.075	4992960	20.0
4H-Cyclopenta[d...	18.140	30.7	ng/ul	7665130	4	17.075	4992960	20.0
Anthracene, 9-m...	18.175	10.8	ng/ul	2706050	4	17.075	4992960	20.0
Naphthalene, 2-...	18.451	15.8	ng/ul	3949110	4	17.075	4992960	20.0
9,10-Anthracene...	18.498	18.3	ng/ul	4560350	4	17.075	4992960	20.0
Phenanthrene, 3...	18.745	3.9	ng/ul	973120	4	17.075	4992960	20.0
Phenanthrene, 2...	18.787	3.8	ng/ul	952823	4	17.075	4992960	20.0
Phenanthrene, 2...	18.869	12.1	ng/ul	3028780	4	17.075	4992960	20.0
unknown-01	18.928	4.6	ng/ul	1145420	4	17.075	4992960	20.0
Cyclopenta(def)...	19.016	16.9	ng/ul	4219990	4	17.075	4992960	20.0
Pyrene, 1-methyl-	19.828	3.6	ng/ul	5560540	5	21.310	30957200	20.0
unknown-02	20.104	8.7	ng/ul	13388600	5	21.310	30957200	20.0
Fluoranthene, 2...	20.151	14.5	ng/ul	22469300	5	21.310	30957200	20.0
11H-Benzo[a]flu...	20.745	4.5	ng/ul	6933230	5	21.310	30957200	20.0
Benzo[b]naphtho...	20.910	4.1	ng/ul	6345830	5	21.310	30957200	20.0
Cyclopenta[cd]p...	20.992	4.3	ng/ul	6637980	5	21.310	30957200	20.0
7H-Benz[de]anth...	21.057	5.4	ng/ul	8405940	5	21.310	30957200	20.0
2,6-(Etheno[1,4...	22.969	22.4	ng/ul	4323120	6	24.251	3856390	20.0
Benzo[e]pyrene	23.557	17.7	ng/ul	3421230	6	24.251	3856390	20.0
Benzo(a)pyrene ...	23.745	7.3	ng/ul	1409440	6	24.251	3856390	20.0
Perylene	23.986	25.3	ng/ul	4880910	6	24.251	3856390	20.0