

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031786.D
 Acq On : 04 Jun 2024 21:30
 Operator : MA/JU
 Sample : P2591-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ1

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: BN031786.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.852	647	657	671	rVB	1602665	2669227	5.72%	0.455%
2	7.022	679	686	698	rBV	1286189	2039688	4.37%	0.348%
3	7.211	710	718	727	rBV	1615378	2602700	5.57%	0.444%
4	7.681	789	798	805	rBV	1860020	3010232	6.45%	0.513%
5	8.387	911	918	924	rBV	1931584	3191956	6.84%	0.544%
6	8.834	987	994	1001	rBV	1533698	2508201	5.37%	0.428%
7	9.552	1108	1116	1127	rBV	1229612	2043793	4.38%	0.349%
8	10.087	1198	1207	1216	rVV	1997581	3389911	7.26%	0.578%
9	10.463	1262	1271	1275	rBV	2700989	4538347	9.72%	0.774%
10	10.510	1275	1279	1287	rVV	1306242	2216798	4.75%	0.378%
11	10.605	1287	1295	1314	rVB	956471	1808698	3.87%	0.308%
12	12.128	1548	1554	1562	rVB	837122	1373739	2.94%	0.234%
13	12.352	1584	1592	1601	rVB	721747	1185134	2.54%	0.202%
14	13.640	1800	1811	1816	rBV	662462	1178668	2.52%	0.201%
15	13.693	1816	1820	1823	rVV	401605	607407	1.30%	0.104%
16	13.740	1823	1828	1837	rVB	3082554	4553644	9.75%	0.777%
17	14.016	1868	1875	1888	rVB	3742813	6633566	14.21%	1.131%
18	14.322	1917	1927	1932	rVV	3727638	6000886	12.85%	1.023%
19	14.387	1932	1938	1946	rVV	2698923	4055503	8.69%	0.692%
20	14.534	1956	1963	1971	rBV	1235871	2065376	4.42%	0.352%
21	14.722	1990	1995	2003	rVV	2742432	4162030	8.92%	0.710%
22	15.316	2089	2096	2101	rVV	4679255	6970617	14.93%	1.189%
23	15.375	2101	2106	2114	rVV	2447309	3798717	8.14%	0.648%
24	15.451	2114	2119	2123	rVV2	536493	913838	1.96%	0.156%
25	15.534	2130	2133	2138	rVV	429578	650393	1.39%	0.111%
26	15.663	2151	2155	2163	rVB	1199878	1780890	3.81%	0.304%
27	15.810	2175	2180	2189	rVB	1271008	2538567	5.44%	0.433%
28	16.045	2213	2220	2227	rVB3	550956	1052606	2.25%	0.180%
29	16.351	2265	2272	2274	rBV3	409693	774626	1.66%	0.132%
30	16.381	2274	2277	2281	rVV2	499828	731168	1.57%	0.125%
31	16.604	2306	2315	2318	rBV2	627155	1125875	2.41%	0.192%
32	16.645	2318	2322	2325	rVV2	672761	1023369	2.19%	0.175%
33	16.728	2330	2336	2343	rVB	4548667	6719436	14.39%	1.146%
34	16.804	2343	2349	2358	rBV	639621	1650483	3.54%	0.281%
35	16.887	2358	2363	2373	rVB	2413981	3662306	7.84%	0.625%
36	17.075	2389	2395	2397	rVV	3346955	5219376	11.18%	0.890%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	17.122	2397	2403	2408	rVV2	23040602	43348049	92.85%	7.393%
38	17.175	2408	2412	2414	rVV	4802449	6765239	14.49%	1.154%
39	17.204	2414	2417	2422	rVV	7243823	9921654	21.25%	1.692%
40	17.263	2422	2427	2432	rVB2	680926	1130733	2.42%	0.193%
41	17.475	2453	2463	2476	rBV2	4580386	8897036	19.06%	1.517%
42	17.592	2478	2483	2488	rVV2	811591	1432472	3.07%	0.244%
43	17.651	2488	2493	2501	rVB4	1014712	1914951	4.10%	0.327%
44	17.945	2534	2543	2546	rBV	4106942	6203825	13.29%	1.058%
45	17.992	2546	2551	2557	rVB	5865980	9577559	20.52%	1.633%
46	18.075	2560	2565	2570	rVB	1539481	2157911	4.62%	0.368%
47	18.139	2570	2576	2580	rBV2	4577444	8445399	18.09%	1.440%
48	18.181	2580	2583	2589	rVB	2393641	3177525	6.81%	0.542%
49	18.257	2591	2596	2599	rBV3	502913	837396	1.79%	0.143%
50	18.298	2599	2603	2607	rVV2	647919	838147	1.80%	0.143%
51	18.451	2624	2629	2633	rBV	3287881	4599625	9.85%	0.784%
52	18.498	2633	2637	2642	rVB	4883406	6650840	14.25%	1.134%
53	18.698	2667	2671	2675	rVV3	730691	983829	2.11%	0.168%
54	18.745	2675	2679	2683	rVV	912411	1121036	2.40%	0.191%
55	18.786	2683	2686	2690	rVB	869741	1078458	2.31%	0.184%
56	18.869	2695	2700	2707	rBV2	1600331	3991666	8.55%	0.681%
57	18.963	2714	2716	2720	rVB2	633895	673063	1.44%	0.115%
58	19.016	2720	2725	2731	rBV2	3846969	5783121	12.39%	0.986%
59	19.151	2739	2748	2752	rVB2	24371104	46685287	100.00%	7.962%
60	19.204	2752	2757	2759	rBV	660107	853568	1.83%	0.146%
61	19.234	2759	2762	2768	rVV2	974144	1433744	3.07%	0.245%
62	19.339	2774	2780	2783	rBV2	987252	1975772	4.23%	0.337%
63	19.381	2783	2787	2791	rVB	1035732	1745344	3.74%	0.298%
64	19.475	2797	2803	2805	rBV2	9854847	16536326	35.42%	2.820%
65	19.510	2805	2809	2815	rVV	21037855	33863623	72.54%	5.775%
66	19.569	2815	2819	2826	rVB2	2137249	3134663	6.71%	0.535%
67	19.681	2832	2838	2843	rBV	2679717	3700339	7.93%	0.631%
68	19.739	2843	2848	2854	rVB	2222014	3318610	7.11%	0.566%
69	19.822	2856	2862	2863	rBV2	2512177	4026191	8.62%	0.687%
70	19.957	2879	2885	2888	rBV4	2235215	4397011	9.42%	0.750%
71	19.992	2888	2891	2896	rVB	2363735	3329857	7.13%	0.568%
72	20.092	2905	2908	2911	rBV2	705930	874559	1.87%	0.149%
73	20.151	2911	2918	2922	rBV2	3363916	6108117	13.08%	1.042%
74	20.192	2922	2925	2928	rVB	892177	1006419	2.16%	0.172%
75	20.233	2928	2932	2937	rBV2	904787	1541466	3.30%	0.263%
76	20.292	2939	2942	2945	rVV	1312317	1601408	3.43%	0.273%

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77	20.339	2946	2950	2954	rVV3	1487345	2194191	4.70%	0.374%
78	20.745	3014	3019	3025	rBV	7347457	10289938	22.04%	1.755%
79	20.910	3042	3047	3052	rBV2	4387091	8871600	19.00%	1.513%
80	20.957	3052	3055	3058	rVV	3529495	4815794	10.32%	0.821%
81	20.998	3058	3062	3067	rVV2	3508020	7111932	15.23%	1.213%
82	21.063	3068	3073	3083	rVB	6186131	9957702	21.33%	1.698%
83	21.298	3103	3113	3118	rBV3	16334119	36076711	77.28%	6.152%
84	21.357	3119	3123	3134	rVB	14716961	25903320	55.48%	4.418%
85	21.492	3142	3146	3153	rBV2	1179750	2605371	5.58%	0.444%
86	21.557	3154	3157	3162	rVV4	681515	1302824	2.79%	0.222%
87	21.680	3173	3178	3184	rBV2	1383716	2821941	6.04%	0.481%
88	21.745	3185	3189	3193	rVB3	948854	1453251	3.11%	0.248%
89	21.980	3225	3229	3235	rVB	2642175	4649365	9.96%	0.793%
90	22.051	3236	3241	3249	rVV2	1777876	3630929	7.78%	0.619%
91	22.233	3267	3272	3275	rBV	1251430	2008856	4.30%	0.343%
92	22.604	3331	3335	3340	rVB2	881511	1486359	3.18%	0.253%
93	22.975	3392	3398	3416	rVB4	1635902	5811537	12.45%	0.991%
94	23.345	3450	3461	3466	rBV2	11642488	37502380	80.33%	6.396%
95	23.563	3492	3498	3506	rVB	2348371	4818396	10.32%	0.822%
96	23.751	3524	3530	3533	rBV3	919788	2129719	4.56%	0.363%
97	23.986	3564	3570	3577	rBV	2435586	5748620	12.31%	0.980%
98	24.122	3586	3593	3605	rVB	6231874	16232781	34.77%	2.768%
99	24.257	3609	3616	3622	rBV	1719988	4558934	9.77%	0.777%
100	27.592	4173	4183	4203	rVB2	3634225	18284987	39.17%	3.118%

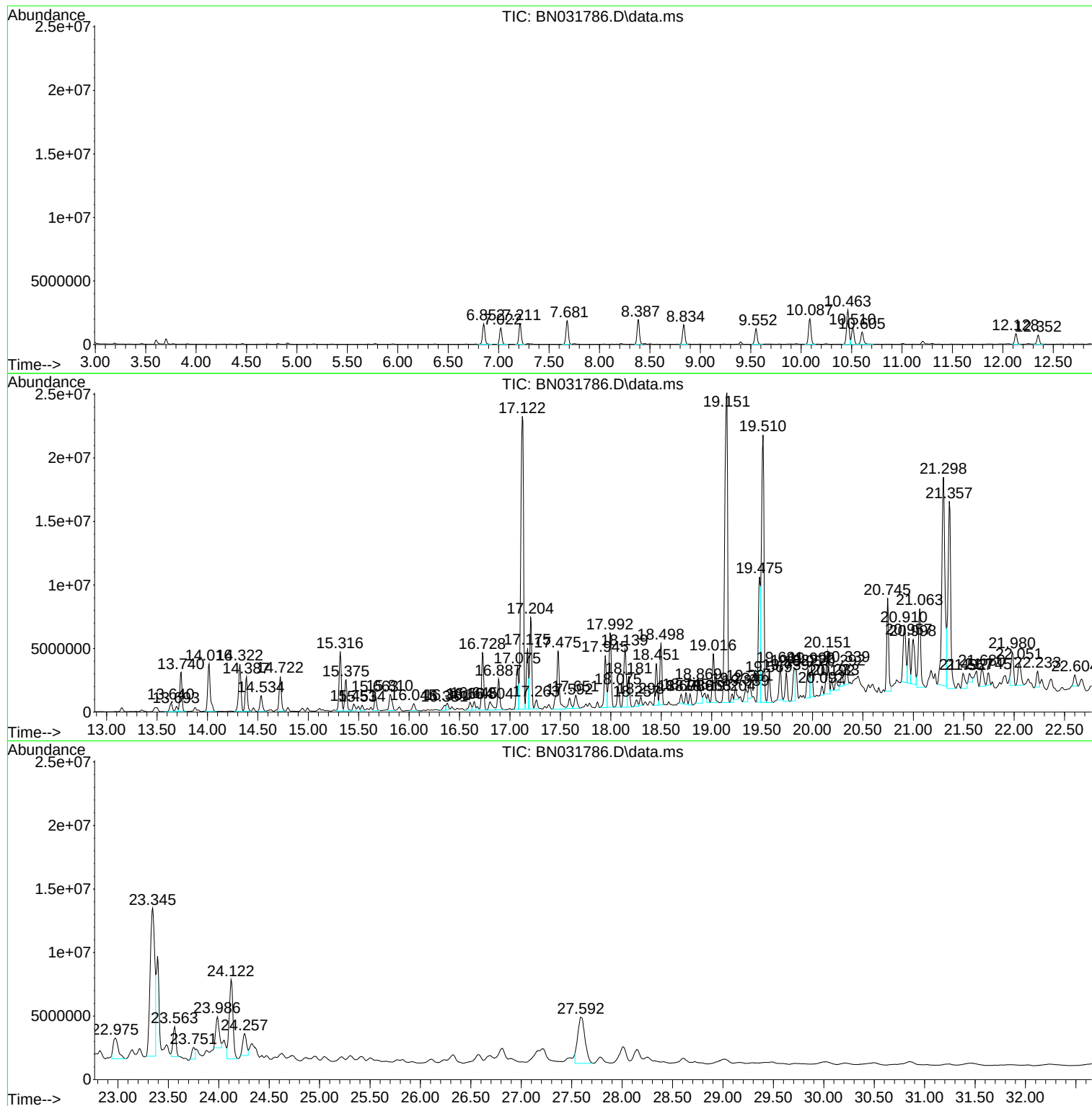
Sum of corrected areas: 586377047

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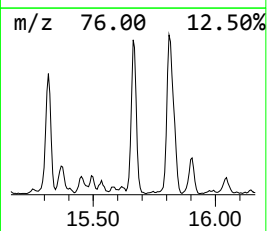
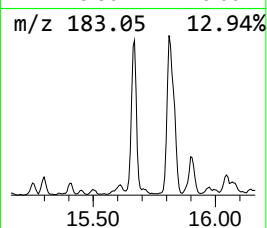
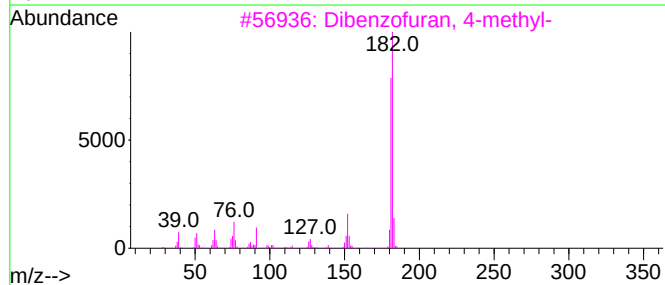
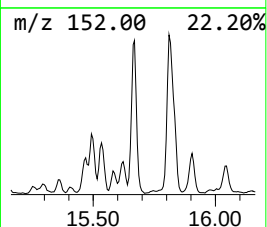
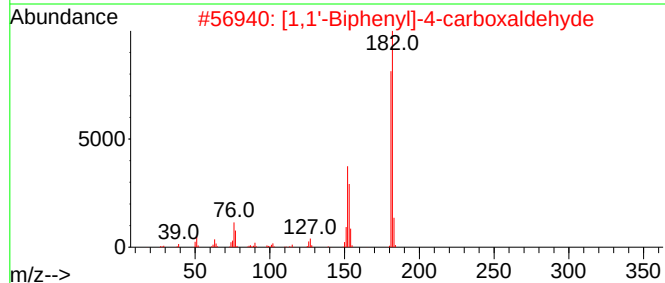
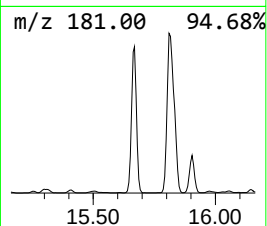
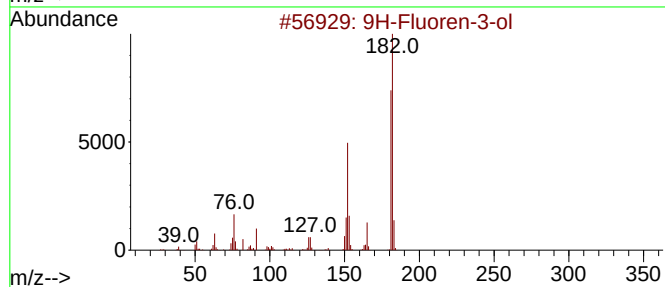
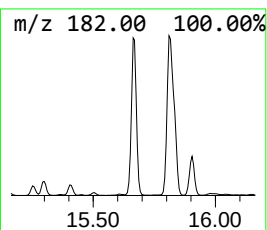
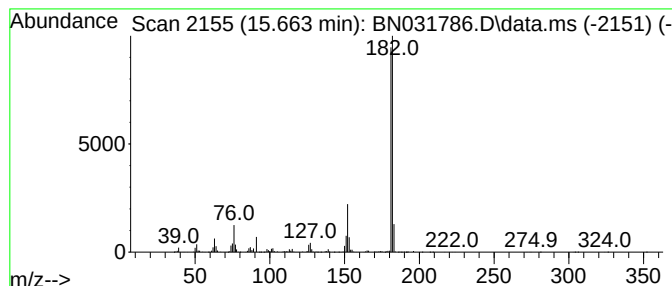
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-3-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	5.94 ng/ul	1780890	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78



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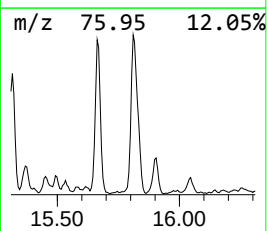
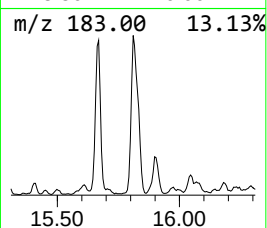
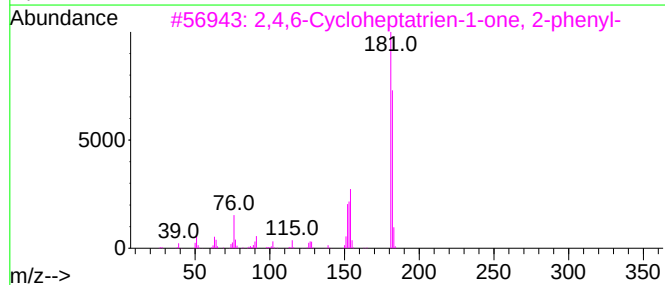
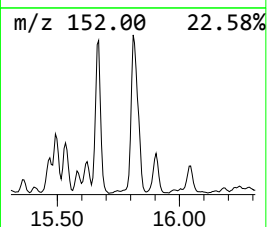
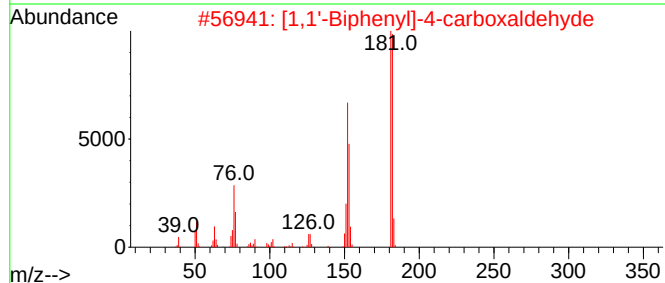
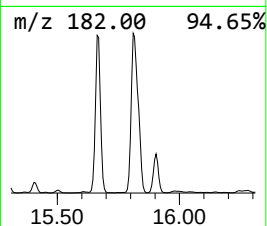
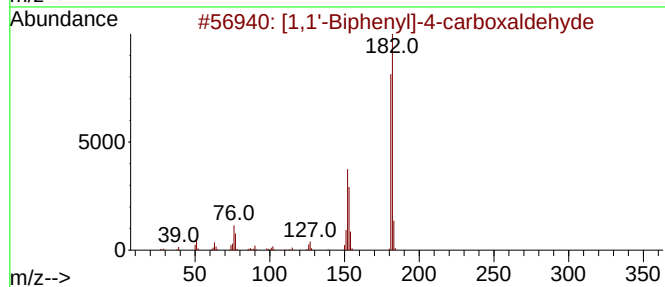
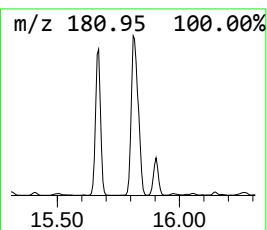
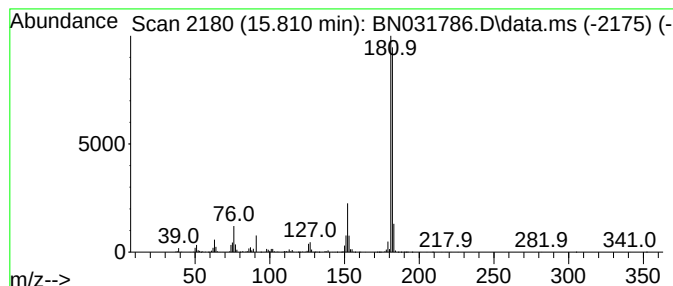
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	9.73 ng/ul	2538570	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



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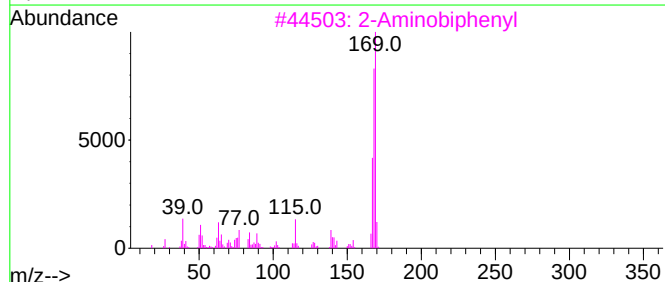
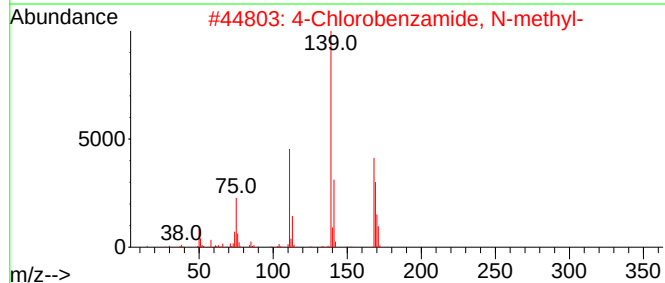
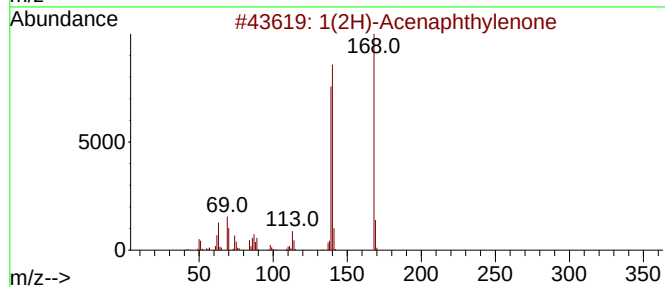
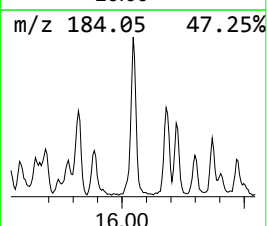
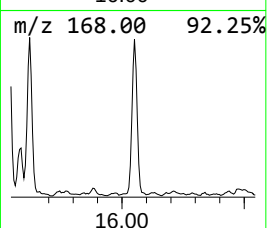
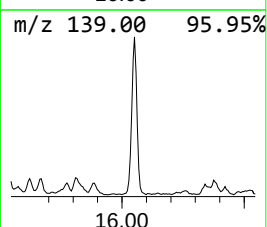
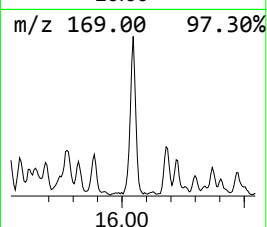
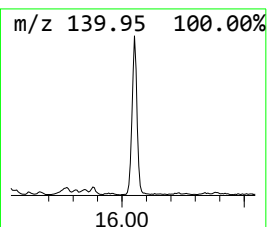
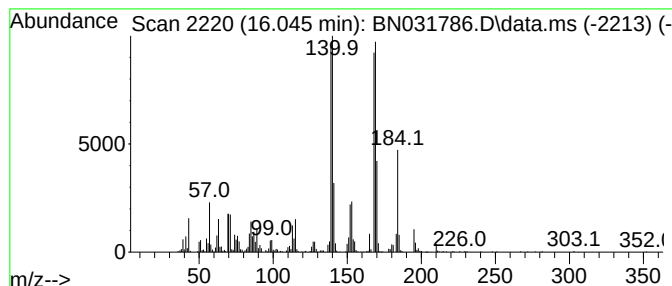
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1(2H)-Acenaphthylenone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.046	4.03 ng/ul	1052610	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2			4-Chlorobenzamide, N-methyl-	169	C8H8ClNO	1000407-04-7	52
3			2-Aminobiphenyl	169	C12H11N	000090-41-5	30
4			1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	30
5			Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

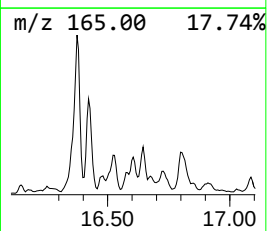
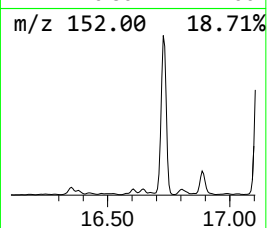
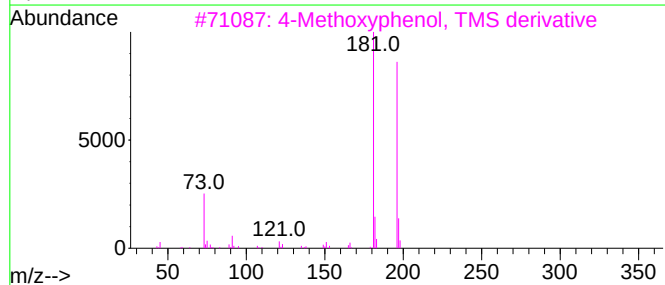
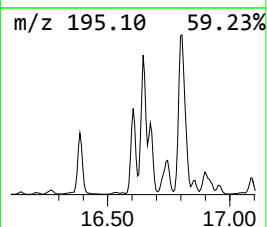
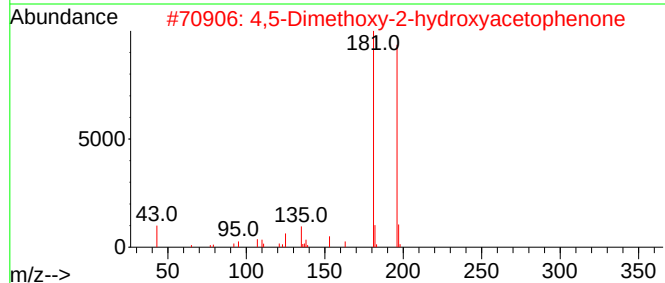
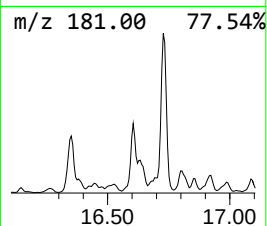
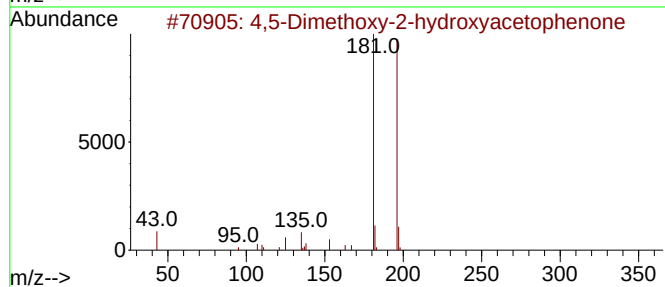
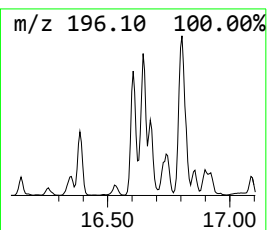
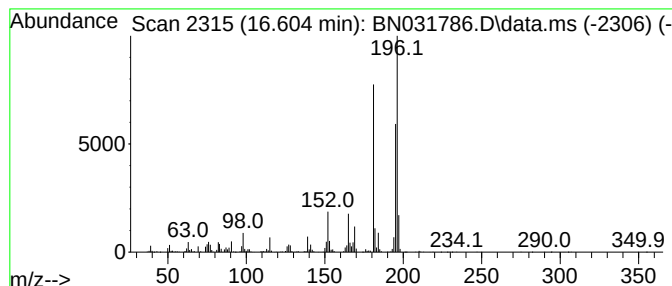
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 4,5-Dimethoxy-2-hydroxyacet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.604	4.31 ng/ul	1125880	Phenanthrene-d10		17.075	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4,5-Dimethoxy-2-hydroxyacetophenone		196	C10H12O4	020628-06-2	62
2	4,5-Dimethoxy-2-hydroxyacetophenone		196	C10H12O4	020628-06-2	58
3	4-Methoxyphenol, TMS derivative		196	C10H16O2Si	006689-38-9	58
4	2'-Hydroxy-3',4'-dimethoxyacetop...		196	C10H12O4	1000433-07-2	58
5	4-(4-Methylphenyl)benzaldehyde		196	C14H12O	036393-42-7	55



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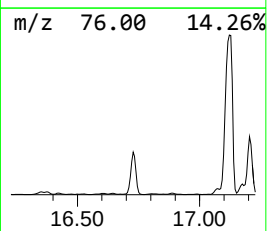
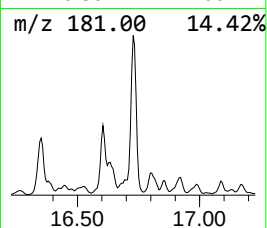
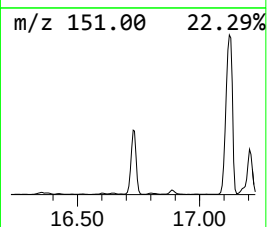
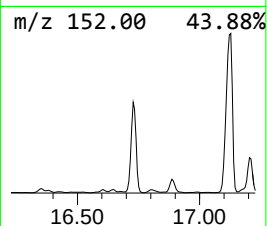
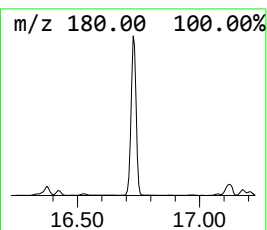
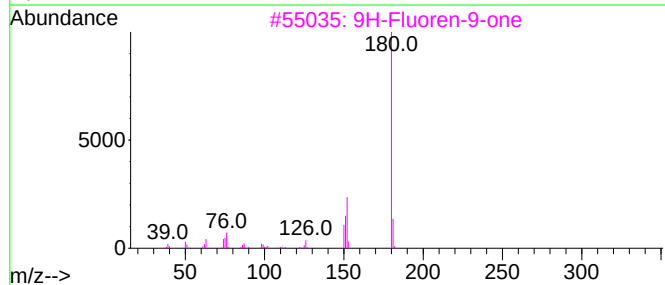
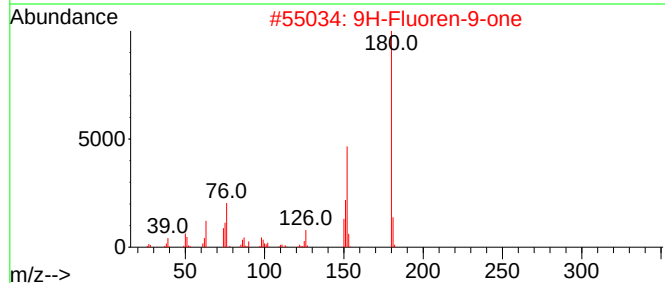
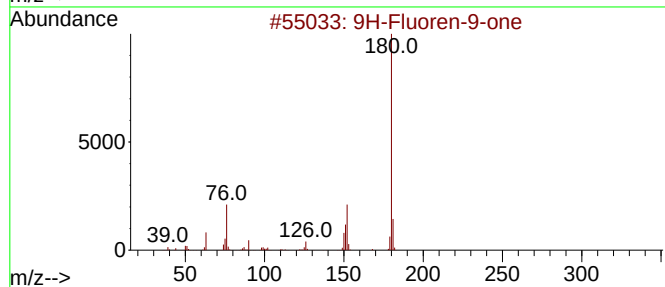
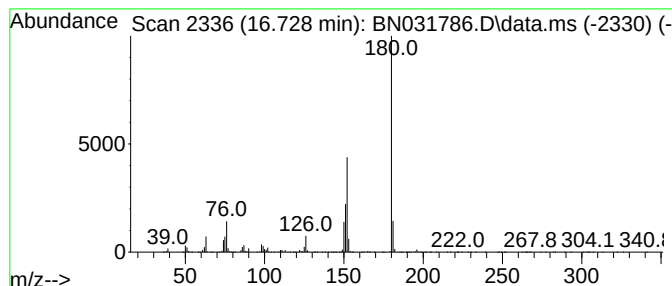
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluoren-9-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	25.75 ng/ul	6719440	Phenanthrene-d10	17.075

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	95
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
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Sample : P2591-10
Misc :
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Instrument :
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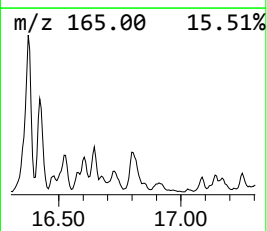
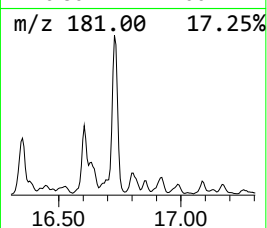
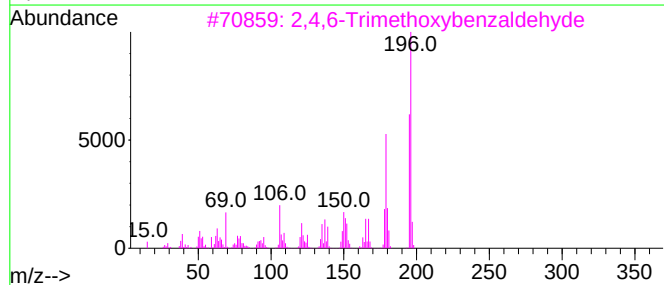
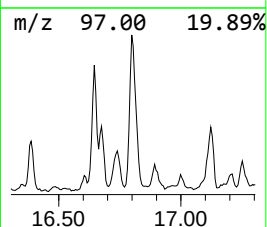
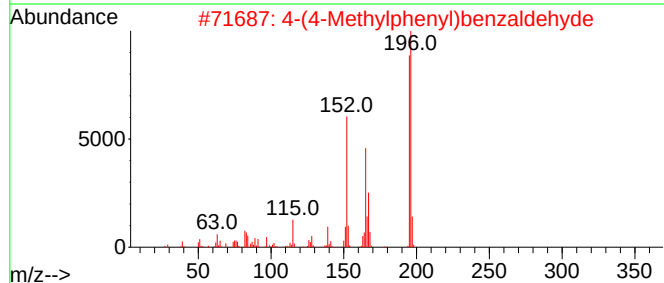
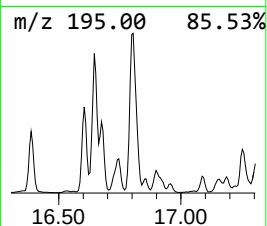
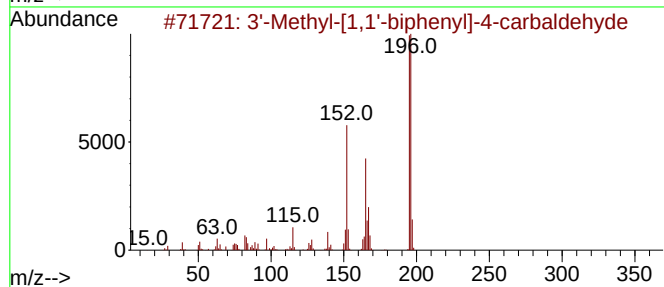
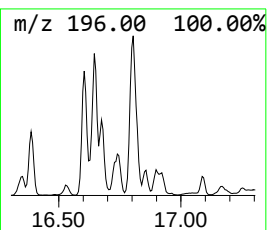
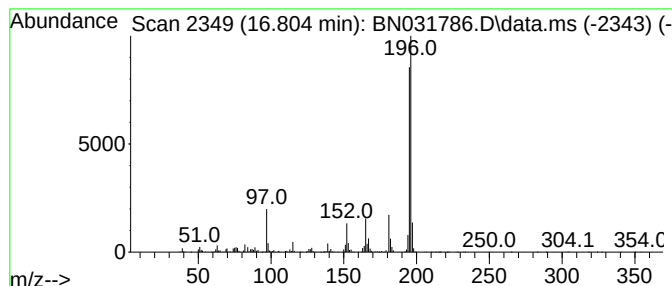
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	6.32 ng/ul	1650480	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	93
2			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
3			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
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Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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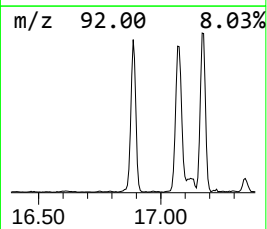
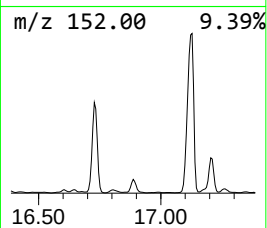
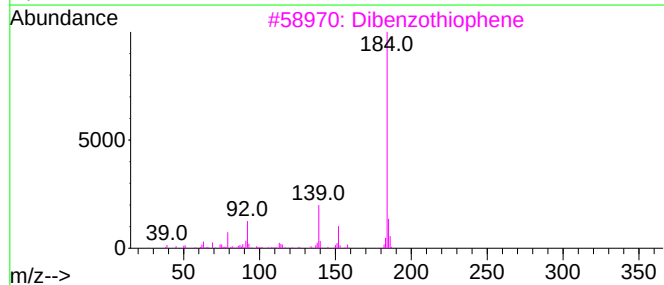
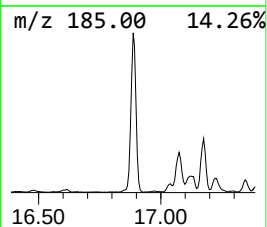
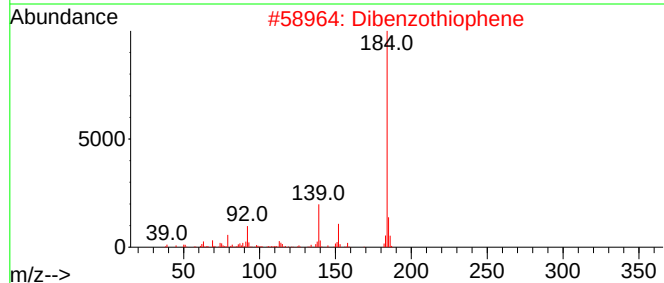
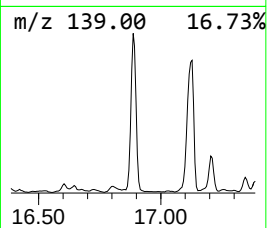
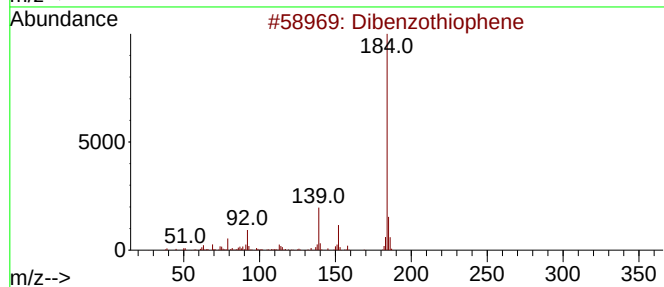
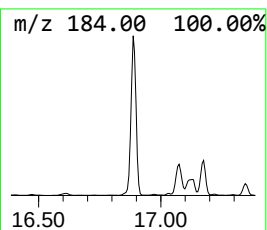
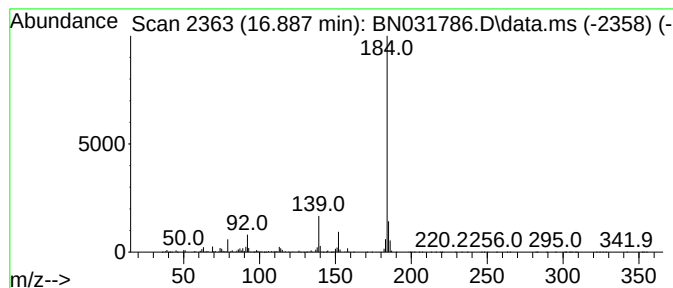
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	14.03 ng/ul	3662310	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	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 : BN031786.D
Acq On : 04 Jun 2024 21:30
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Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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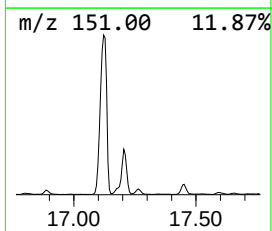
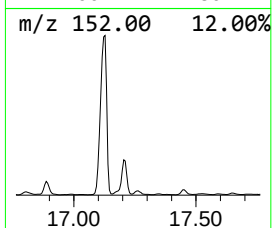
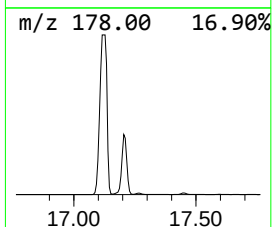
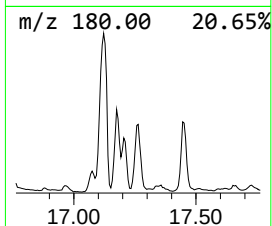
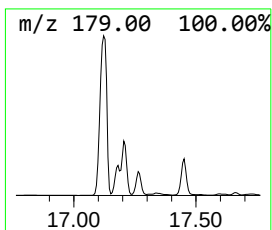
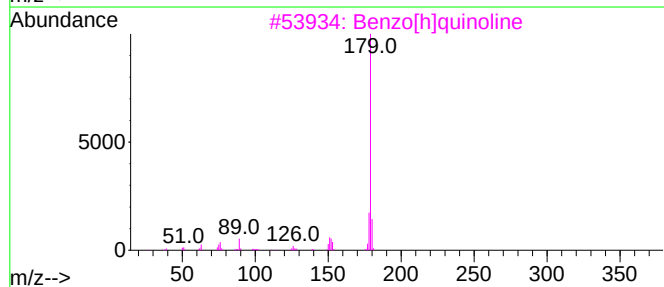
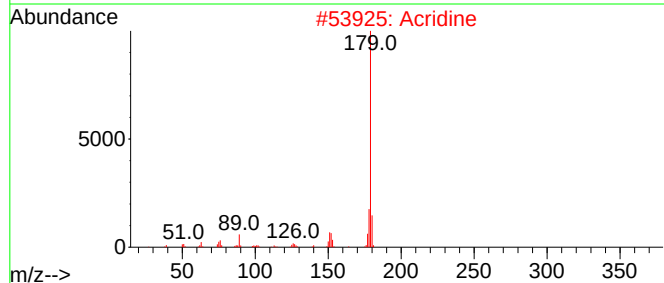
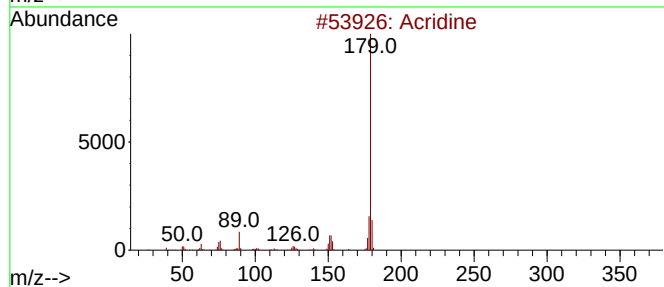
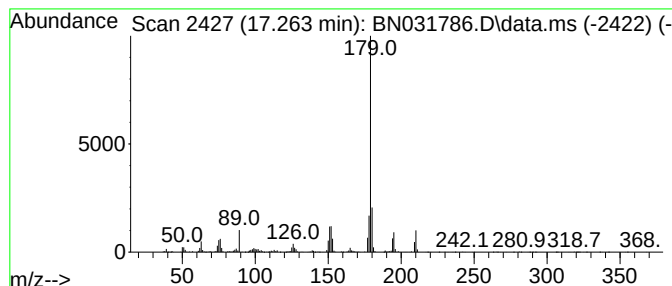
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Acridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.263	4.33 ng/ul	1130730	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	96
2			Acridine	179	C13H9N	000260-94-6	93
3			Benzo[h]quinoline	179	C13H9N	000230-27-3	93
4			Phenanthridine	179	C13H9N	000229-87-8	93
5			Phenanthridine	179	C13H9N	000229-87-8	89



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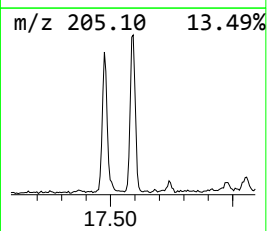
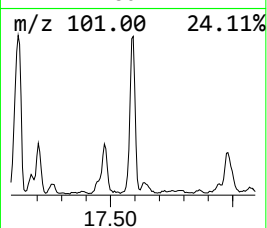
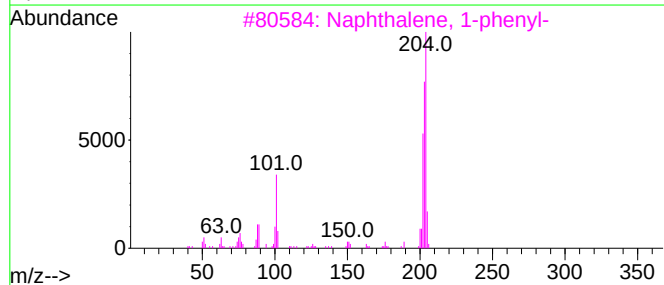
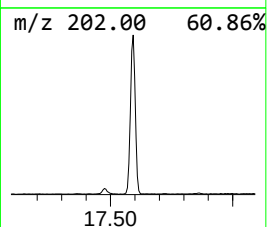
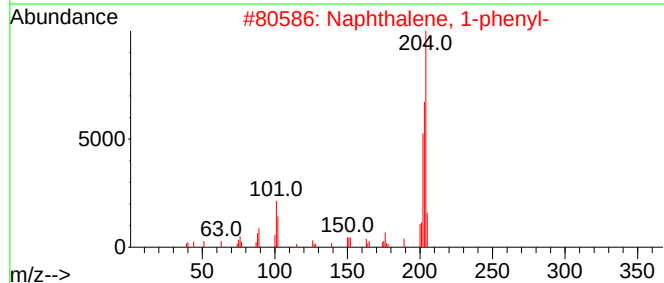
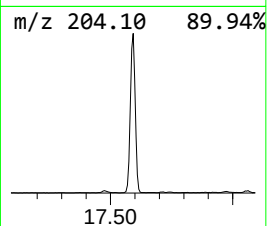
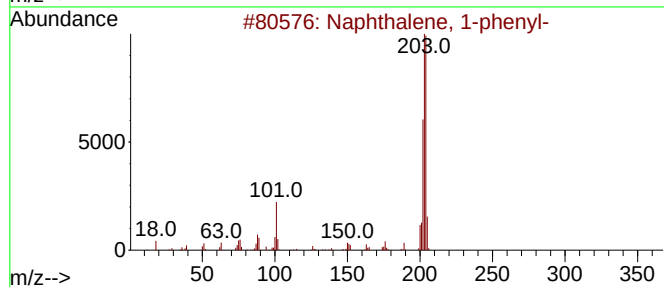
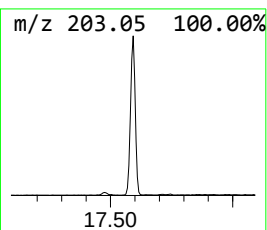
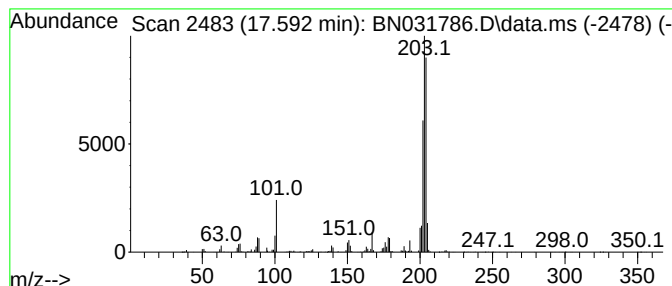
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	5.49 ng/ul	1432470	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	76



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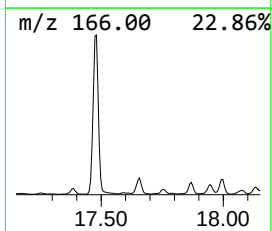
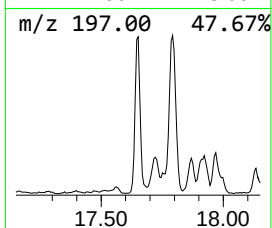
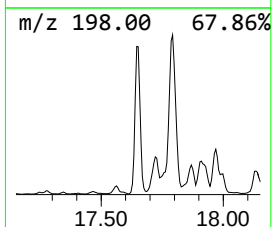
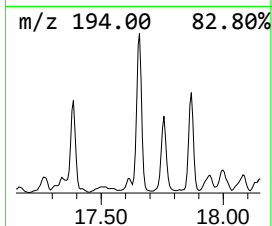
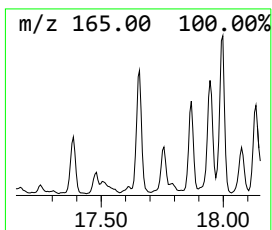
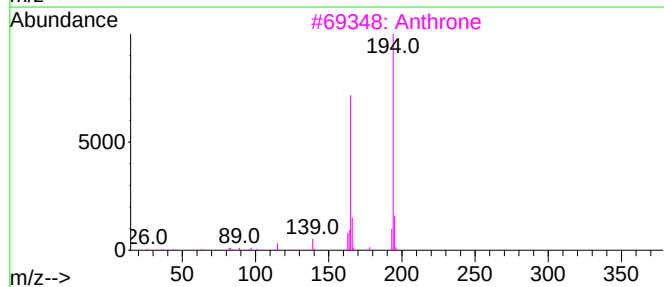
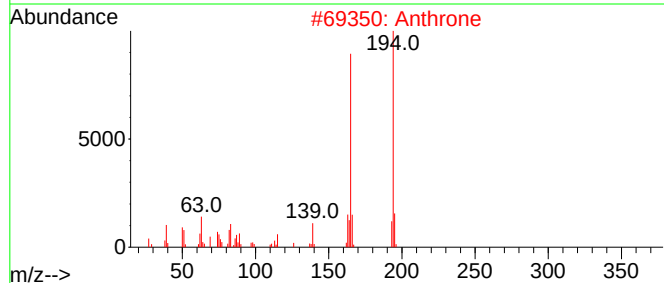
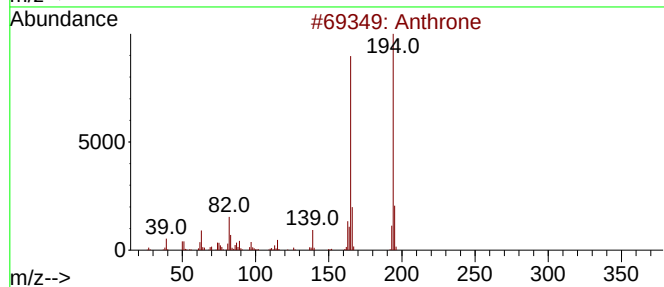
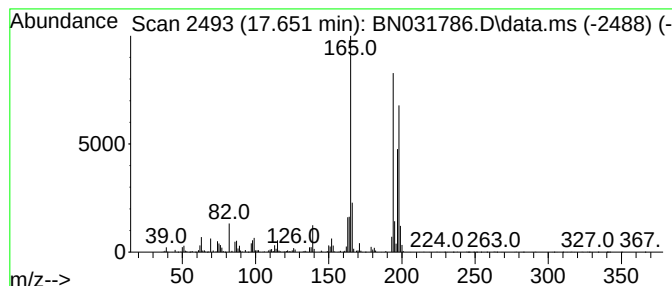
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Anthrone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	7.34 ng/ul	1914950	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	83
2			Anthrone	194	C14H10O	000090-44-8	70
3			Anthrone	194	C14H10O	000090-44-8	64
4			Anthrone	194	C14H10O	000090-44-8	64
5			3-Phenanthrol	194	C14H10O	000605-87-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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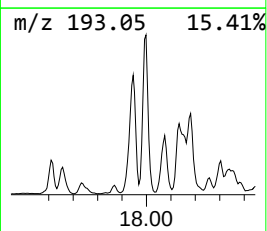
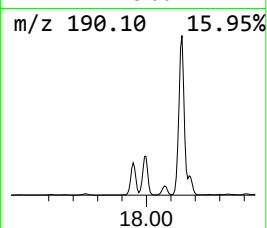
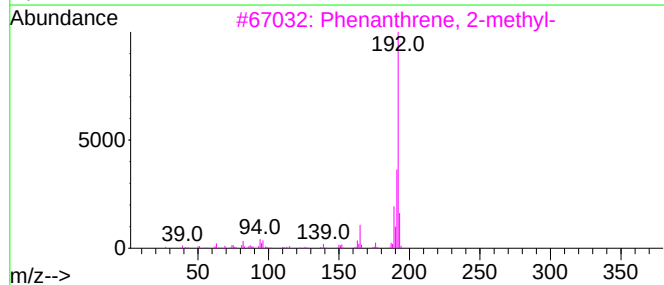
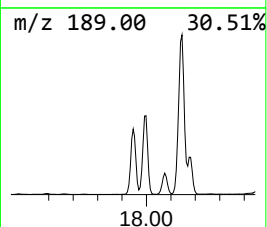
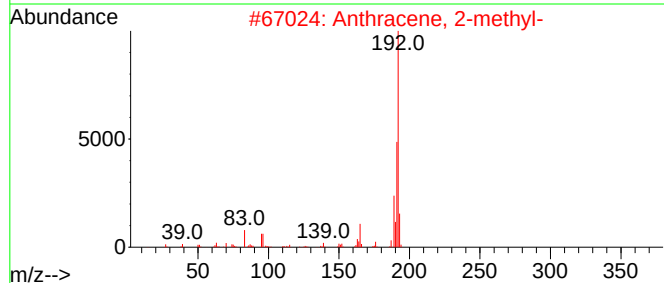
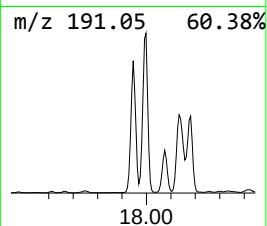
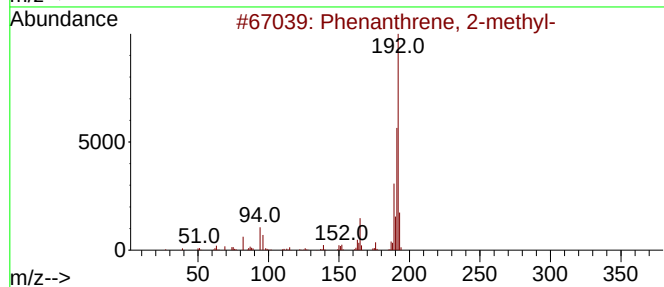
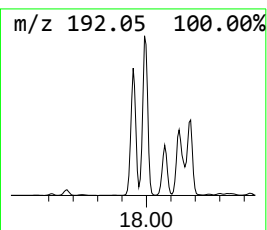
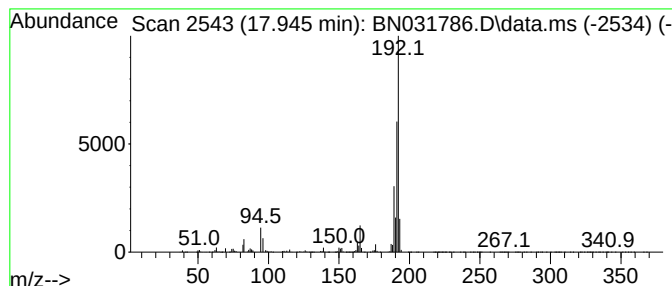
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	23.77 ng/ul	6203830	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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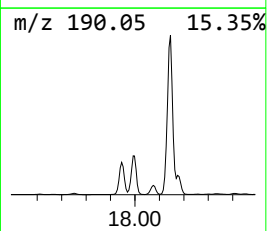
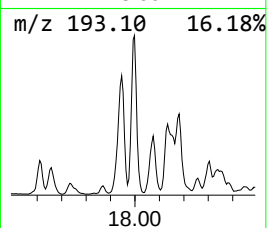
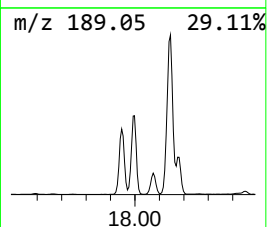
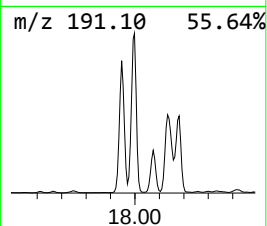
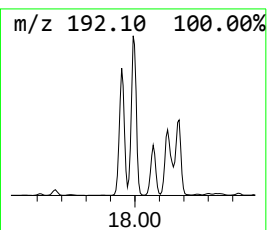
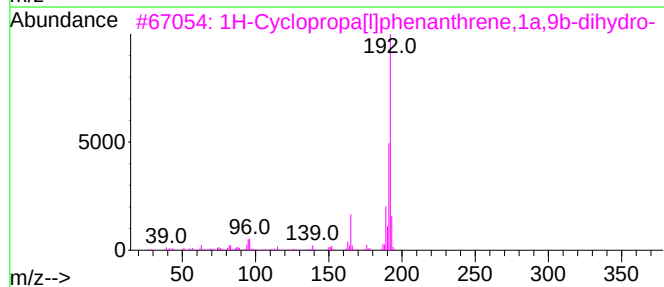
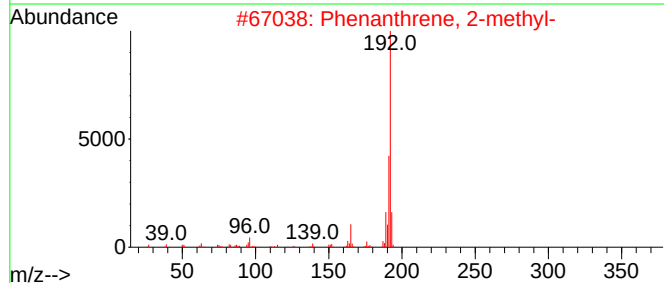
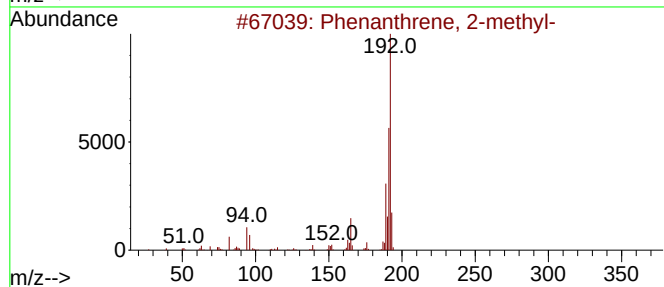
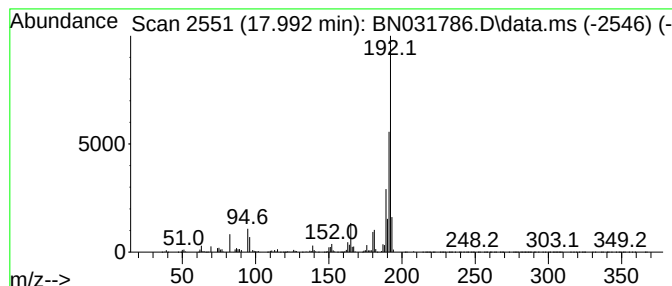
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	36.70 ng/ul	9577560	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			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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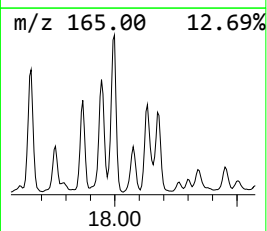
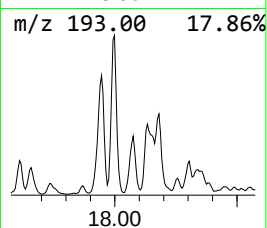
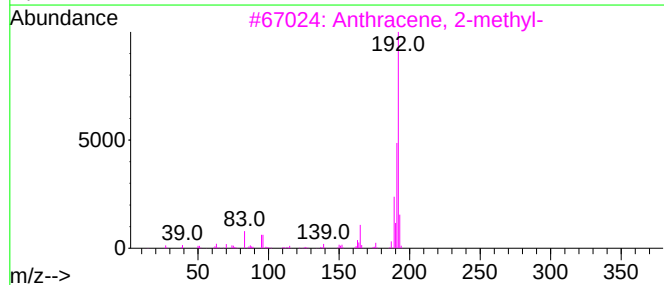
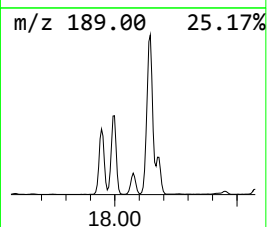
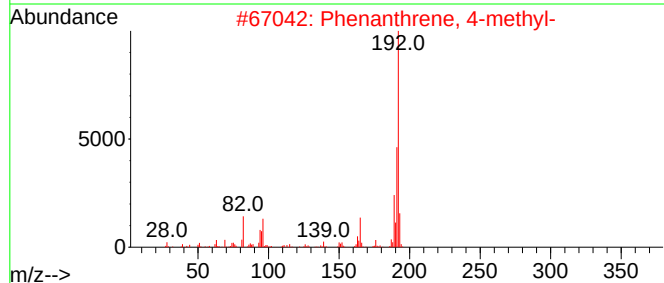
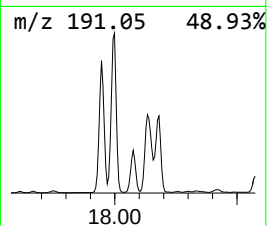
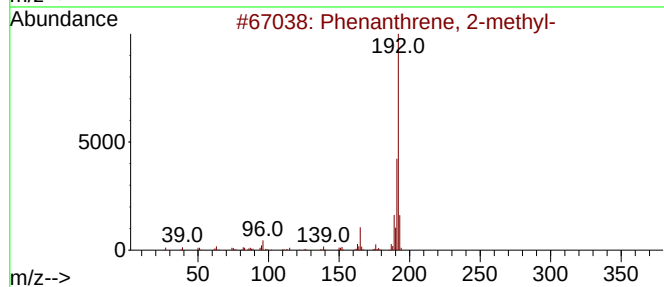
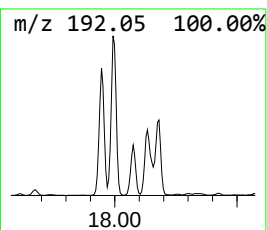
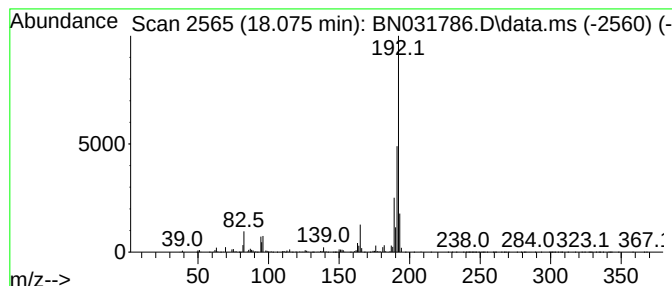
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	8.27 ng/ul	2157910	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Sample : P2591-10
Misc :
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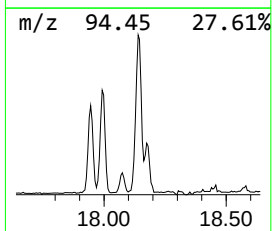
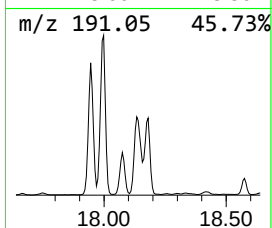
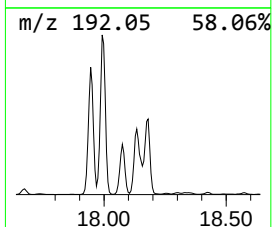
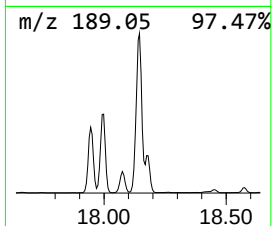
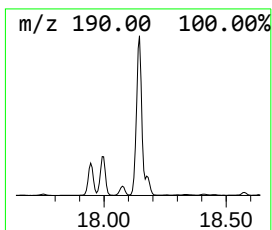
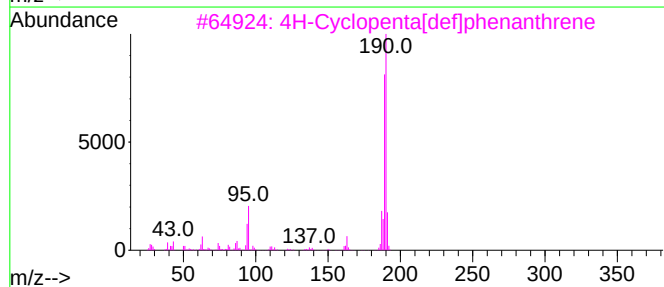
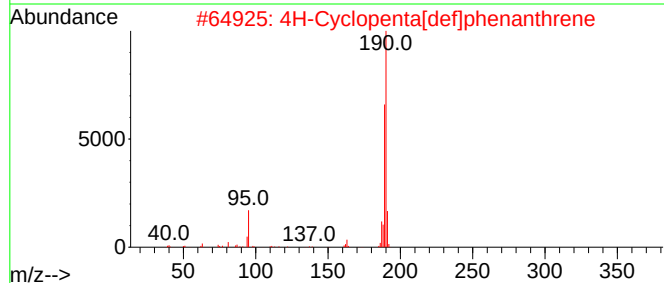
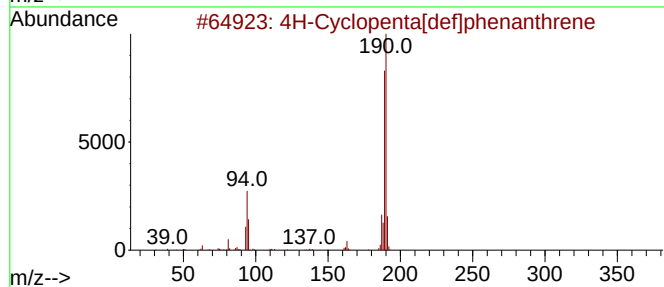
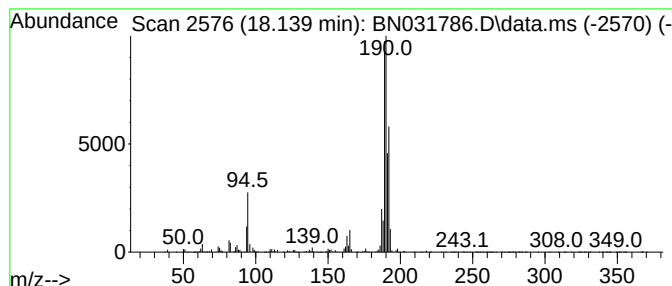
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.140	32.36 ng/ul	8445400	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	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	49
4	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	35
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
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Sample : P2591-10
Misc :
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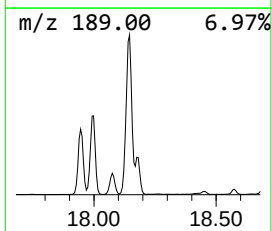
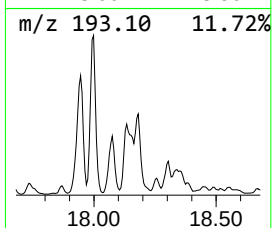
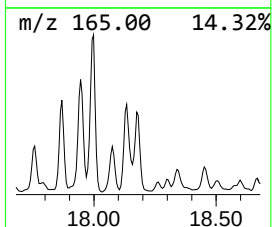
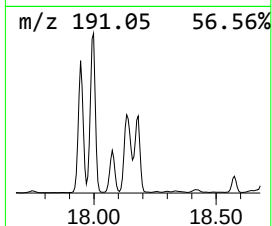
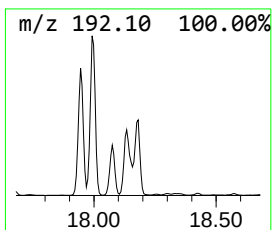
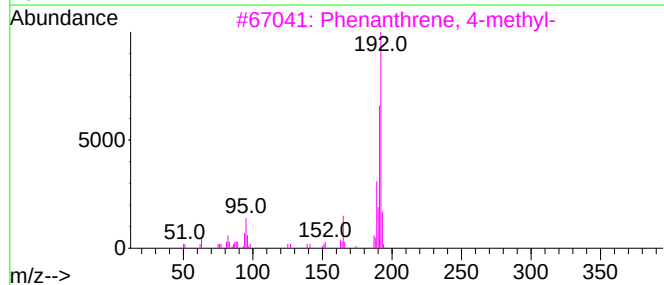
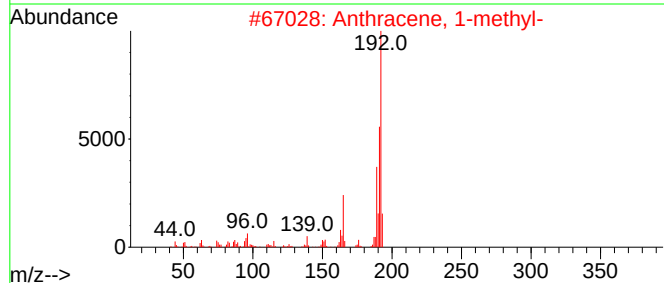
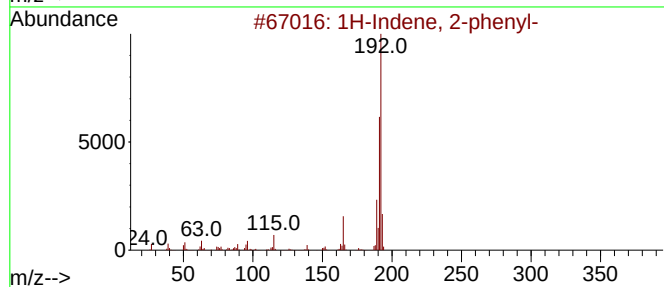
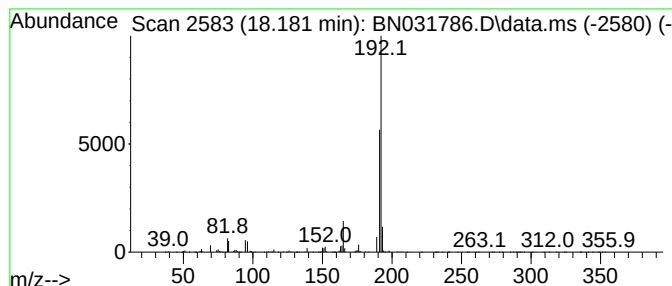
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.181	12.18 ng/ul	3177530	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 04 Jun 2024 21:30
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Misc :
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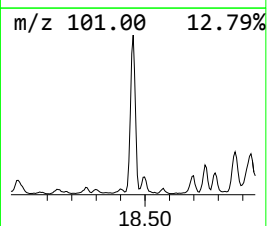
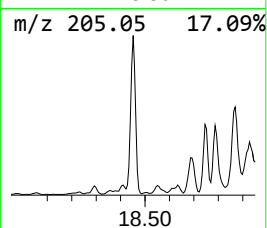
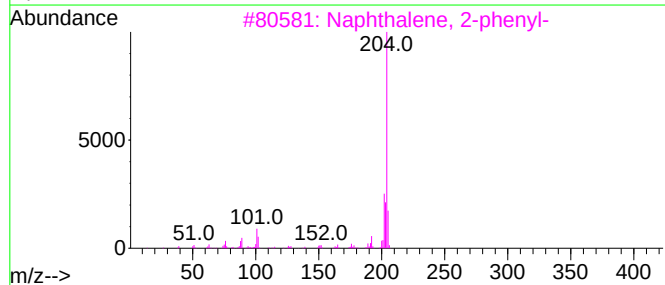
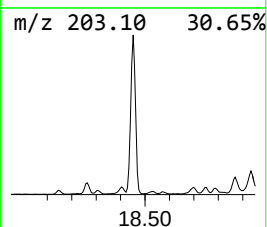
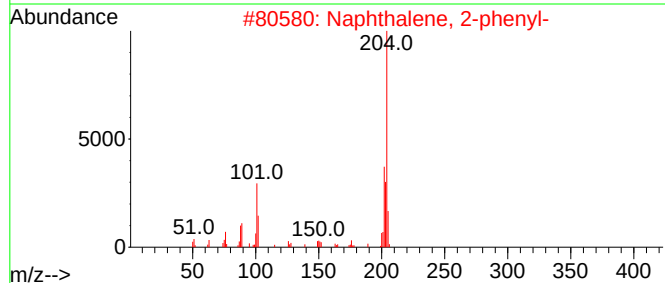
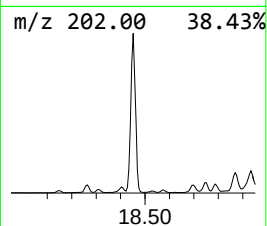
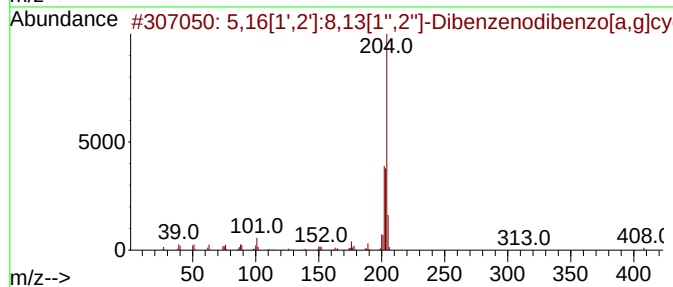
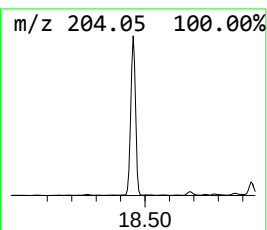
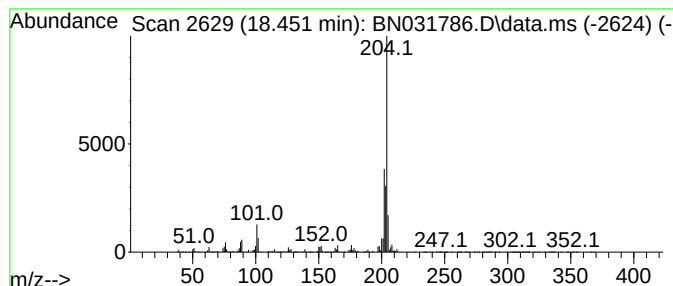
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	17.63 ng/ul	4599630	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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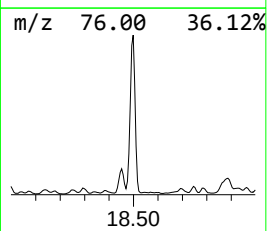
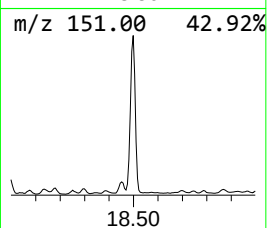
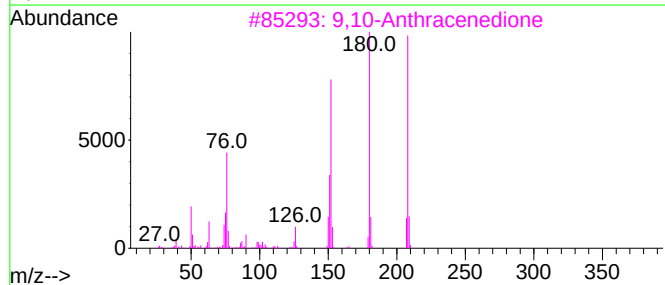
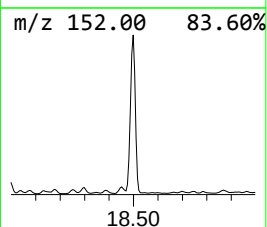
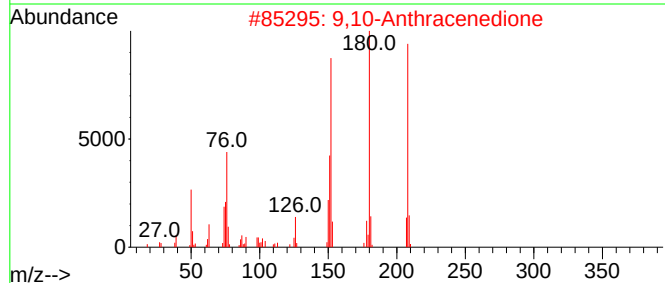
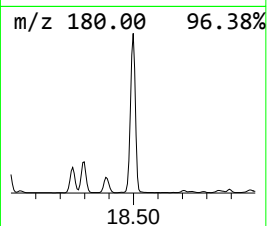
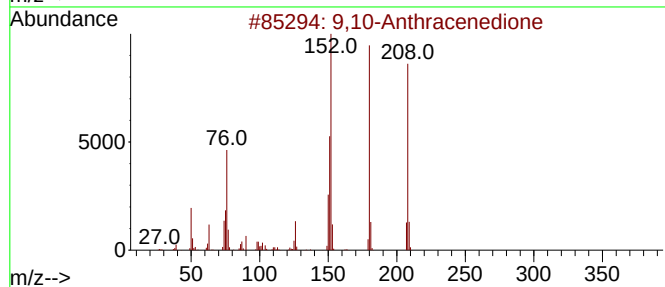
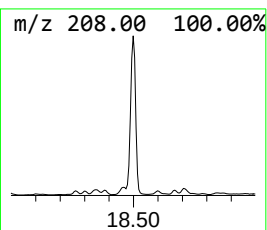
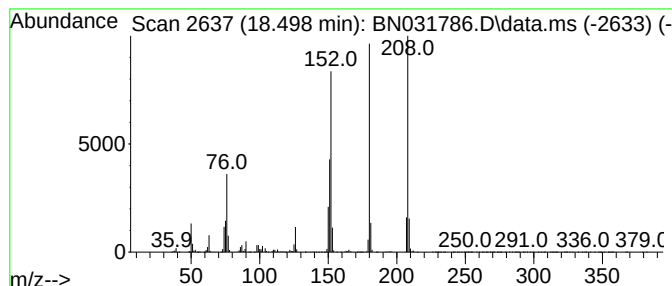
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	25.49 ng/ul	6650840	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	95
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

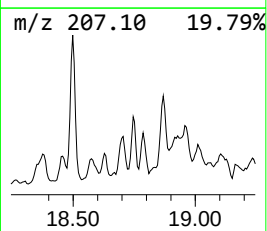
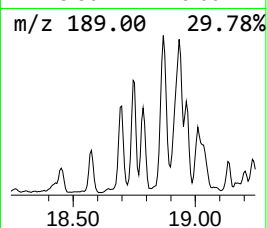
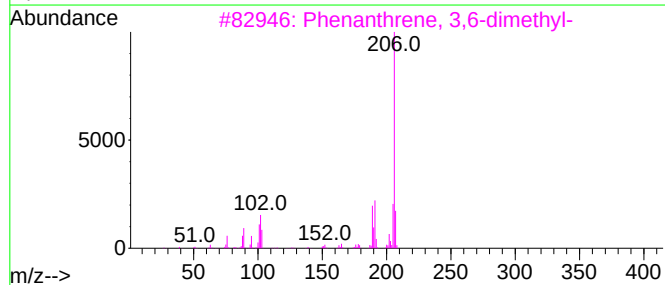
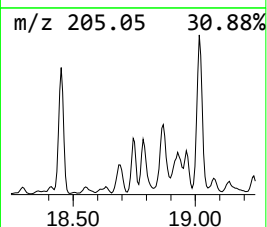
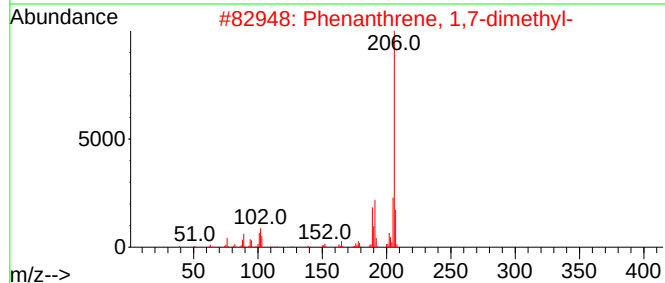
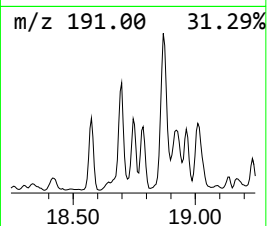
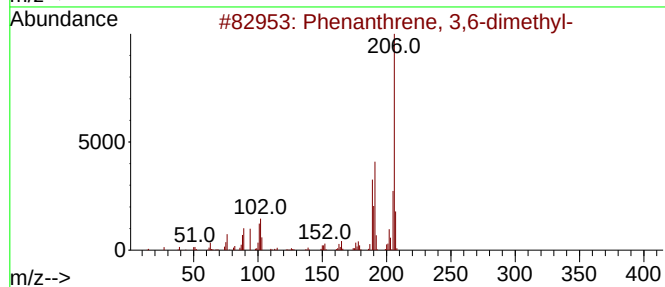
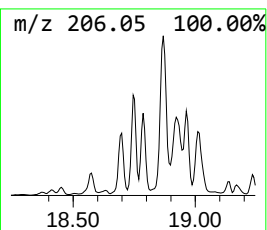
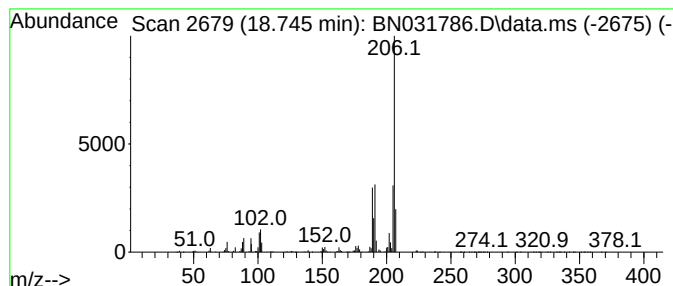
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.745	4.30 ng/ul	1121040	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	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

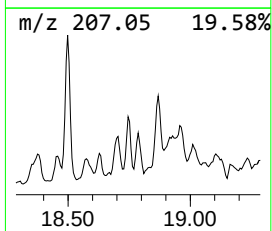
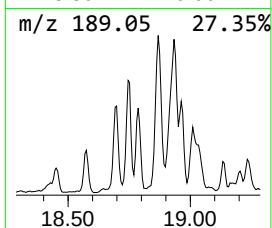
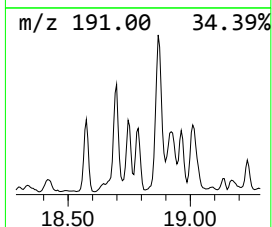
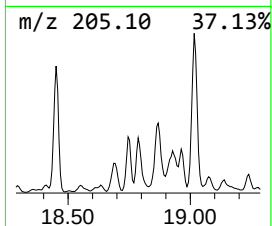
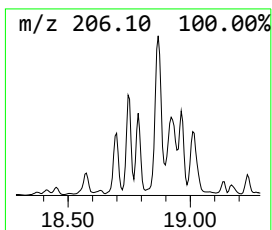
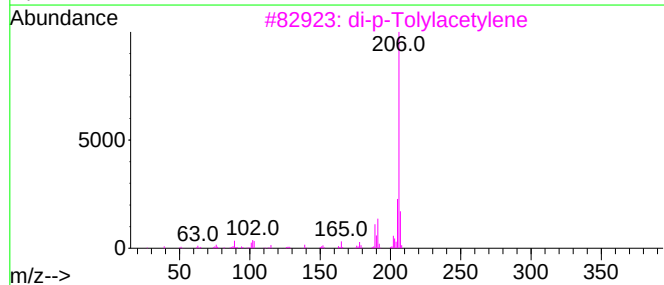
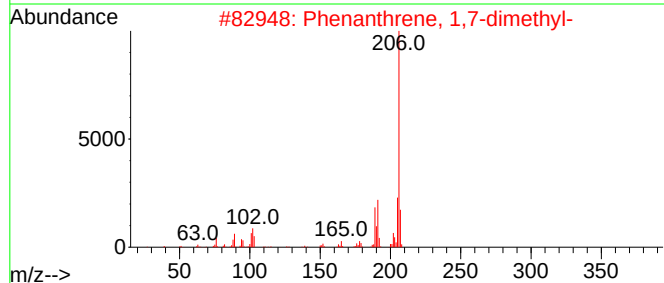
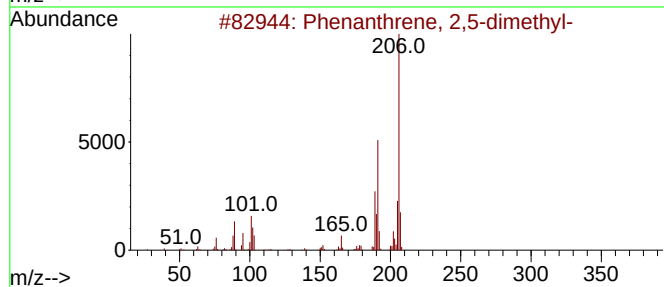
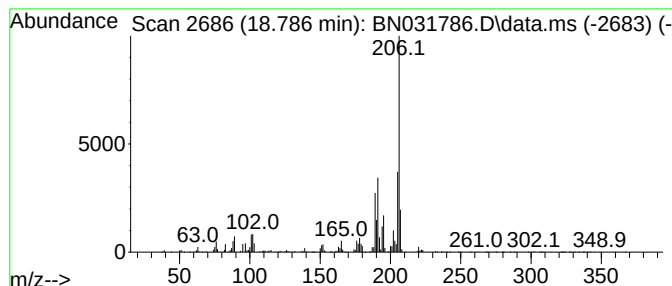
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.787	4.13 ng/ul	1078460	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

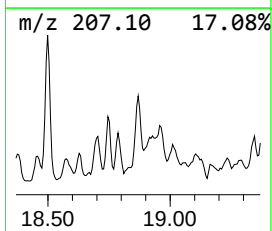
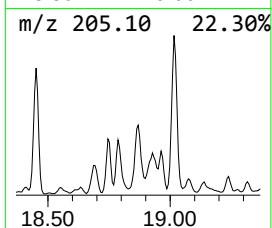
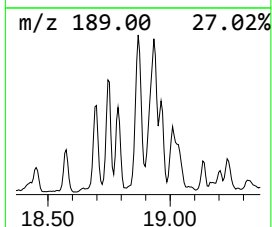
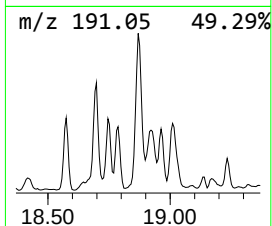
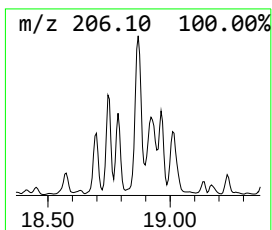
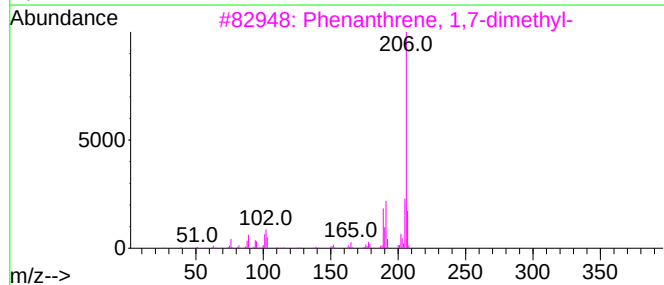
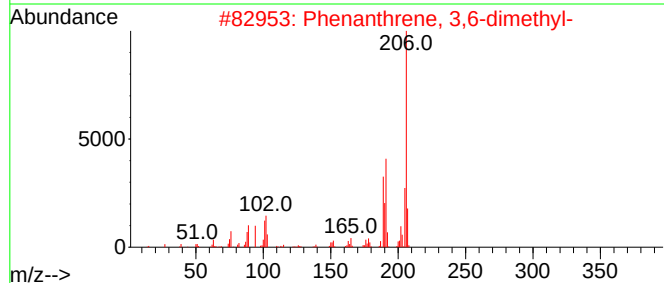
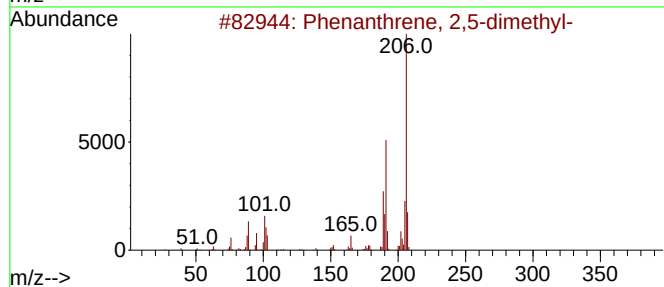
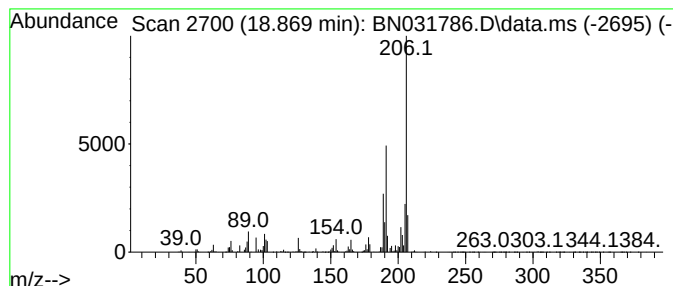
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.869	15.30 ng/ul	3991670	Phenanthrene-d10			17.075
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	94
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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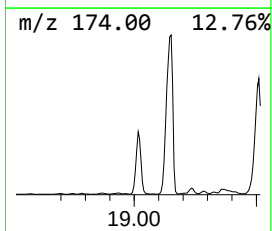
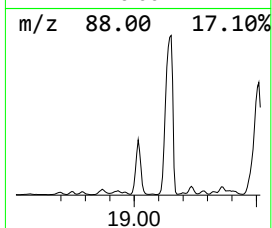
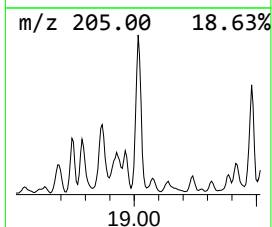
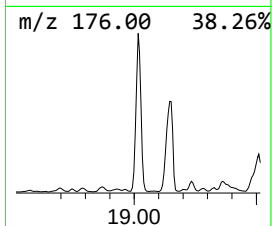
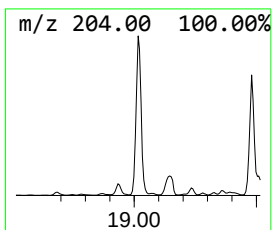
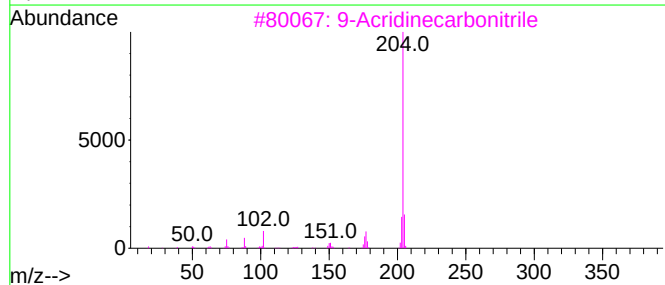
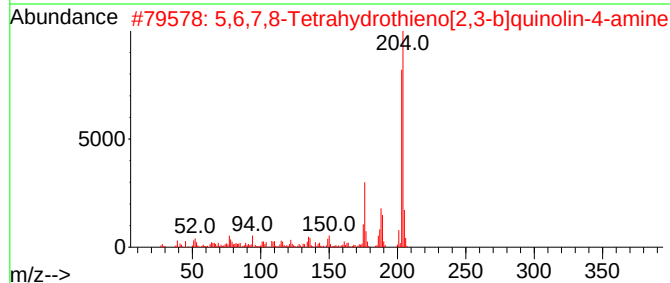
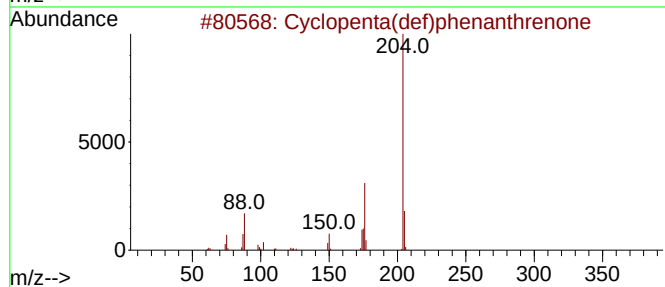
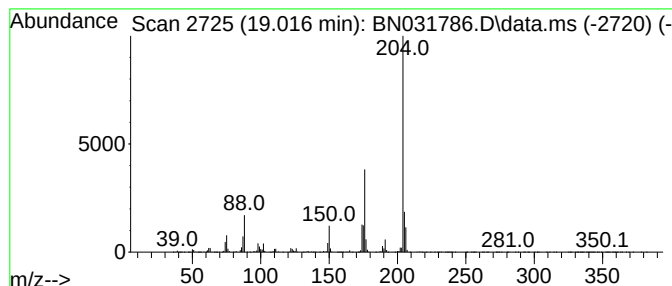
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Cyclopenta(def)phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	22.16 ng/ul	5783120	Phenanthrene-d10	17.075

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	53
3			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
5			Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

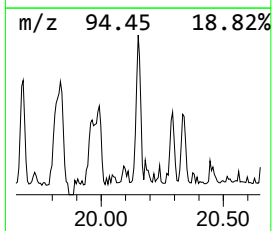
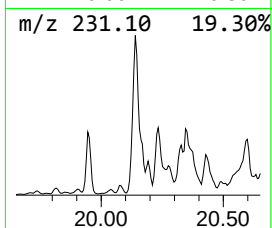
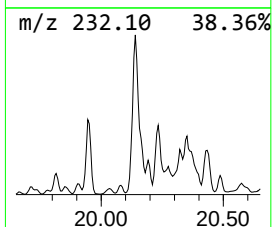
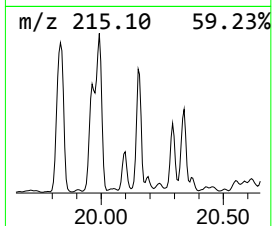
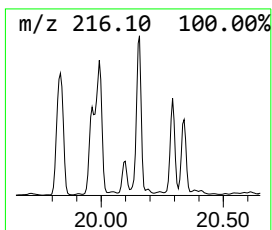
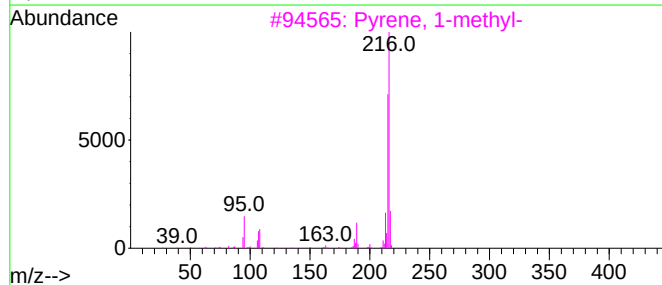
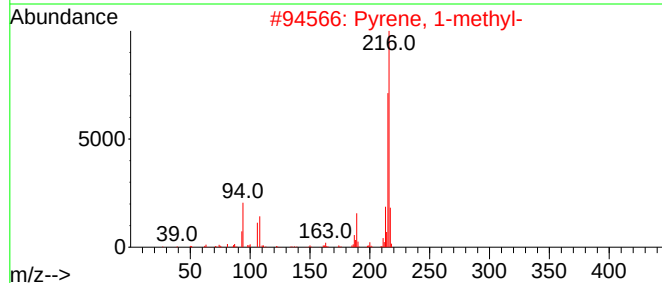
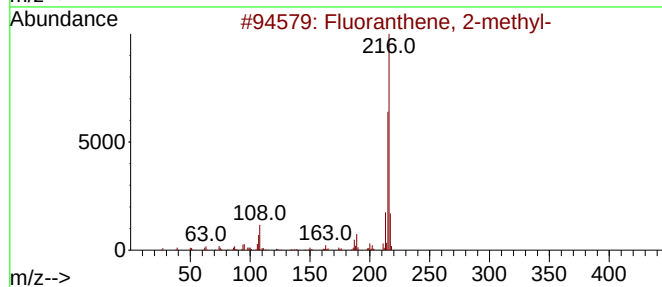
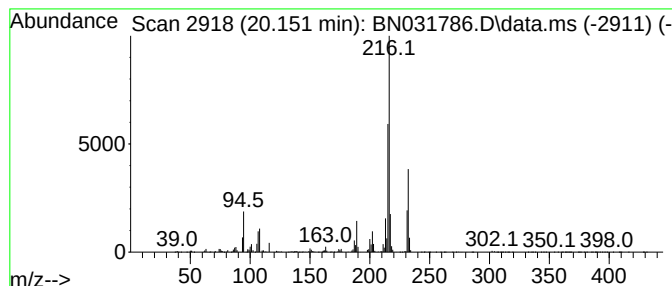
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Fluoranthene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	3.39 ng/ul	6108120	Chrysene-d12	21.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

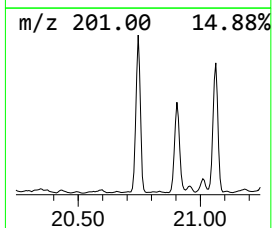
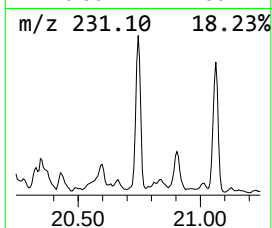
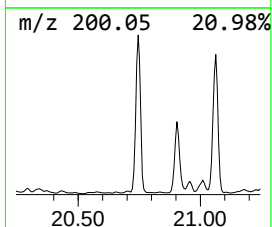
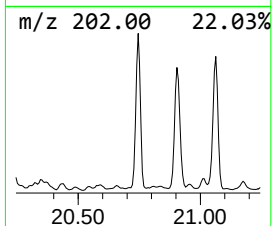
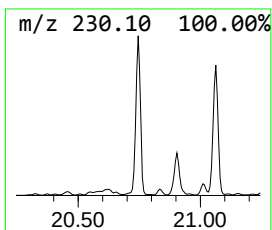
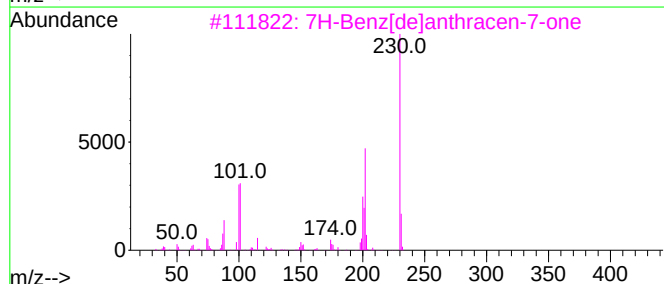
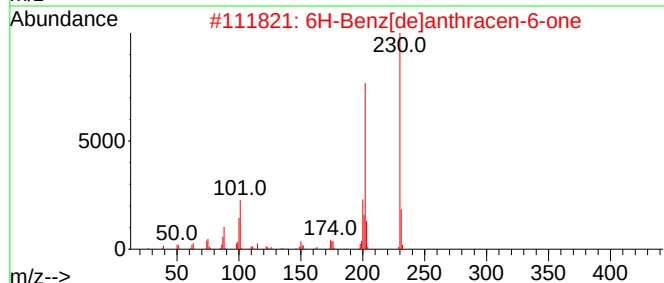
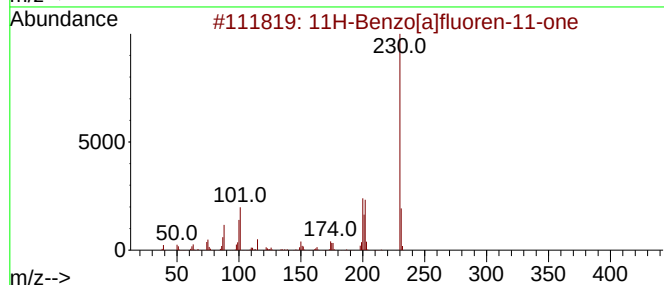
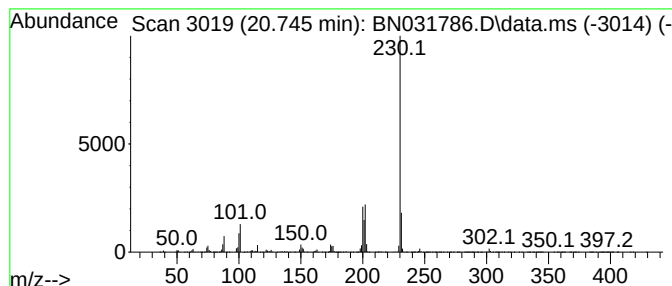
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	5.70 ng/ul	10289900	Chrysene-d12	21.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

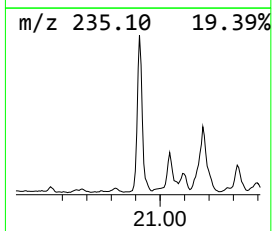
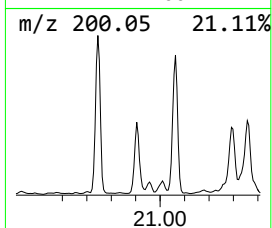
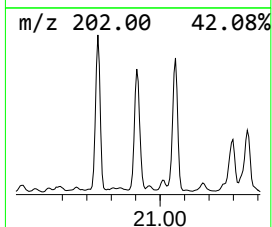
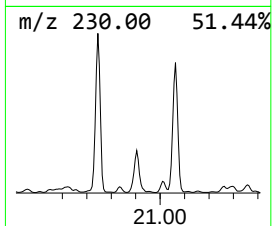
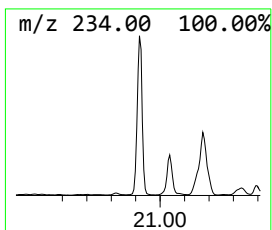
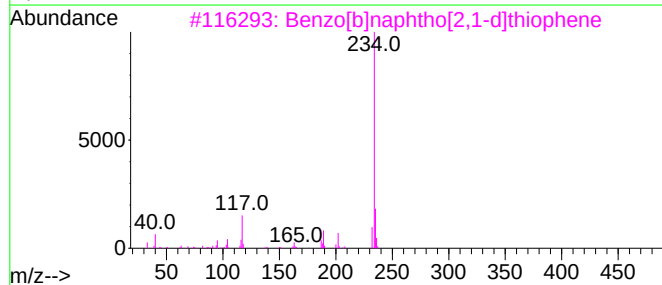
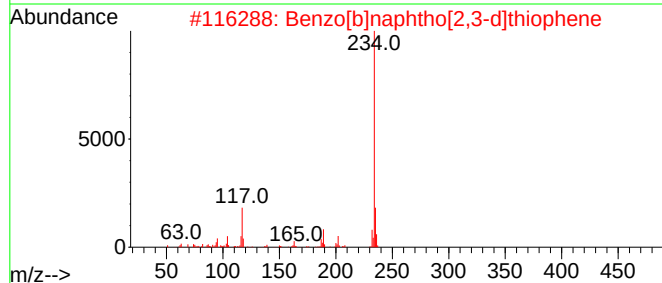
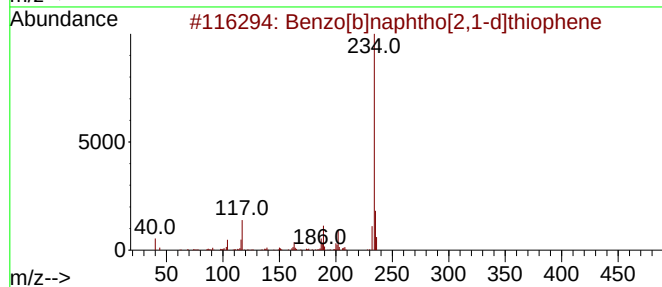
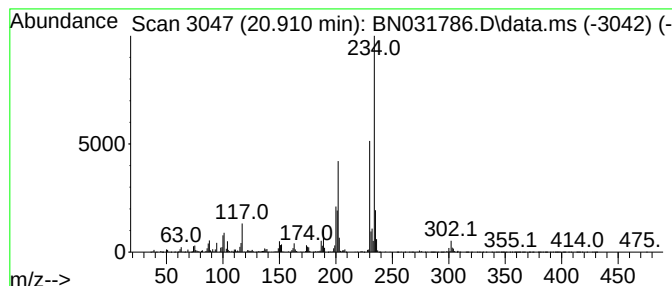
Instrument :
BNA_N
ClientSampleId :
BHBQ1

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 36 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.910	4.92 ng/ul	8871600	Chrysene-d12	21.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	84
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

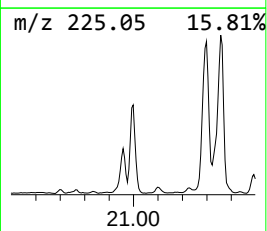
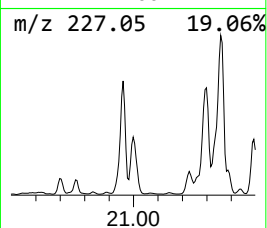
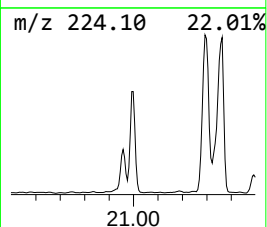
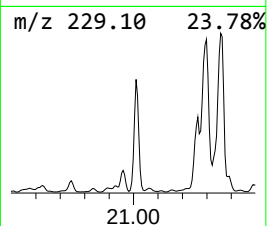
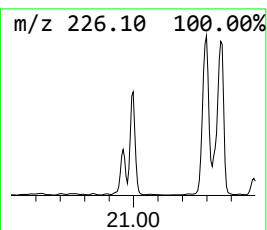
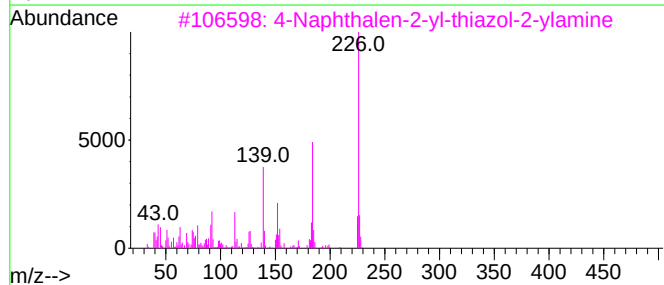
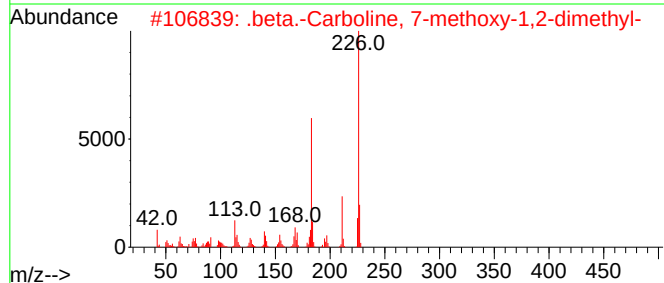
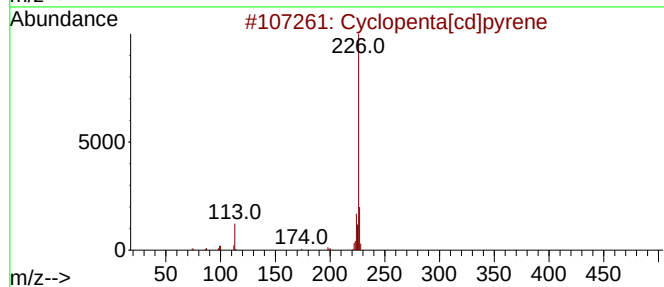
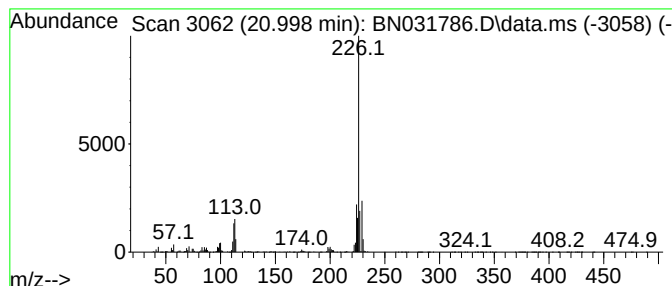
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Cyclopenta[cd]pyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	3.94 ng/ul	7111930	Chrysene-d12	21.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	50
4			3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50
5			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

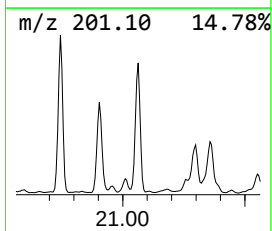
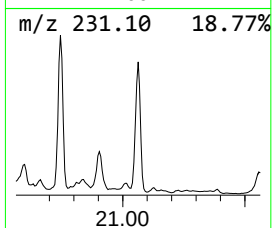
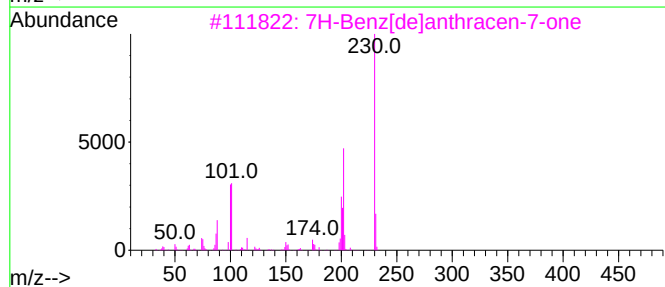
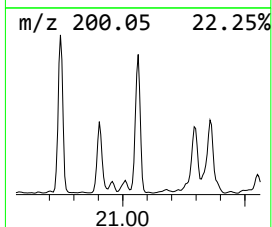
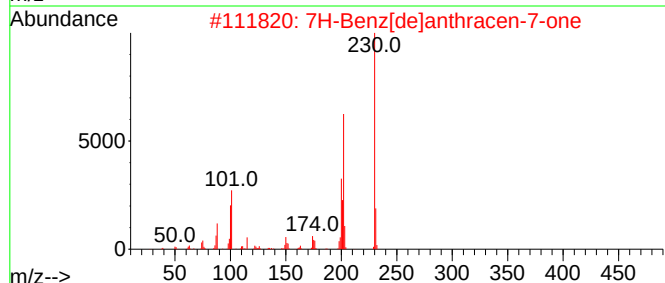
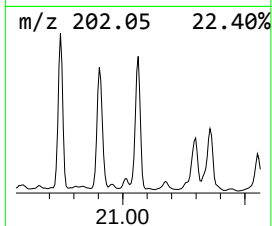
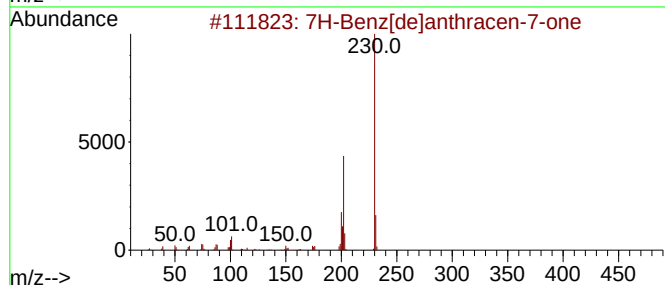
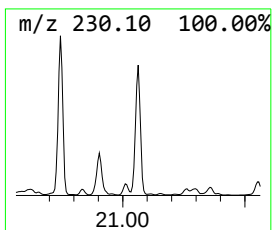
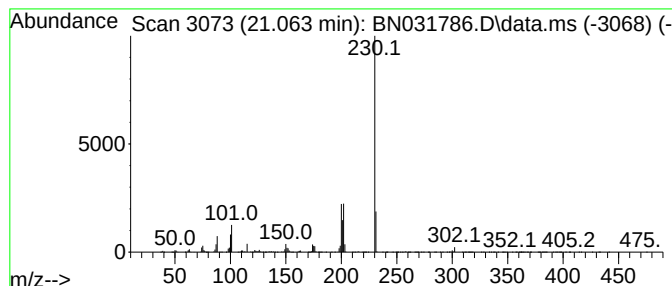
Instrument :
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ClientSampleId :
BHBQ1

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 39 7H-Benz[de]anthracen-7-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.063	5.52 ng/ul	9957700	Chrysene-d12	21.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	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 : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

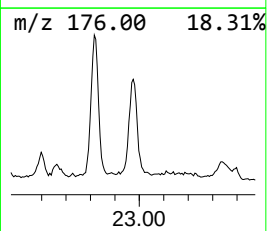
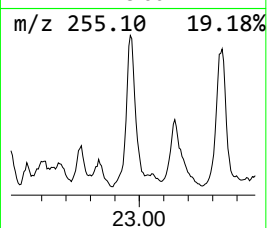
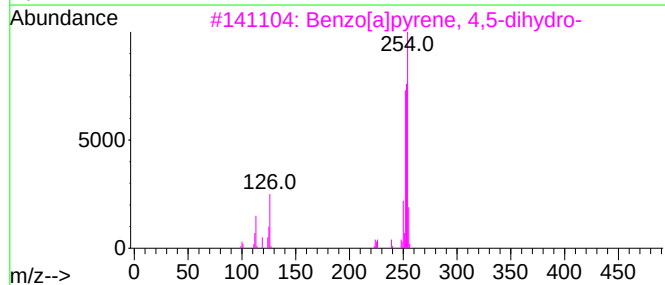
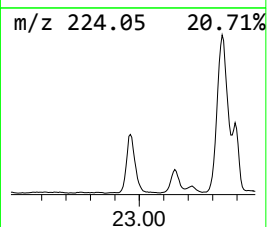
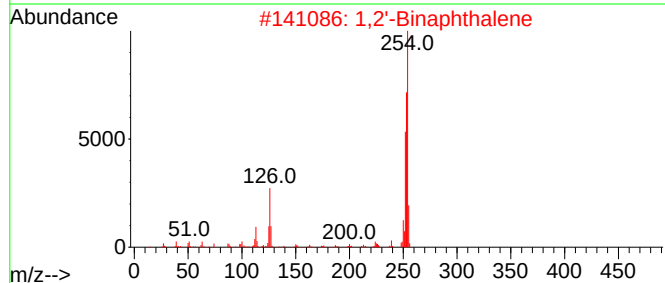
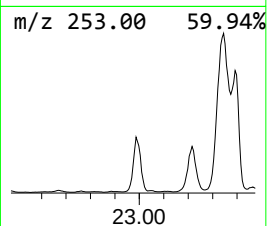
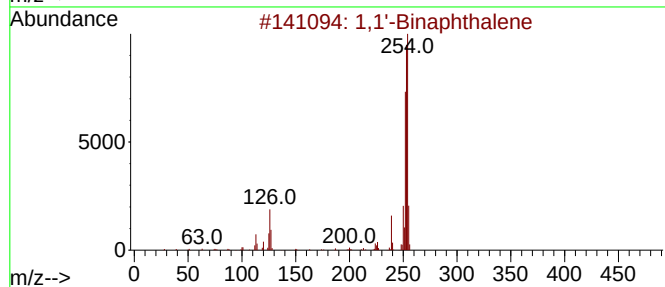
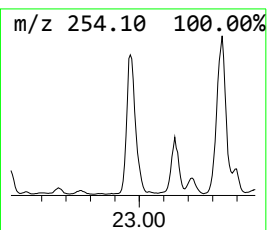
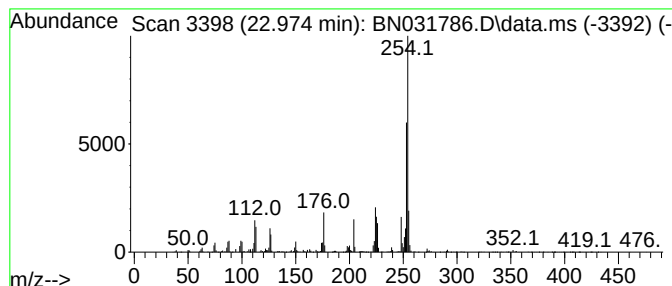
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 1,1'-Binaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.974	25.50 ng/ul	5811540	Perylene-d12	24.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2			1,2'-Binaphthalene	254	C20H14	004325-74-0	68
3			Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	68
4			Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	64
5			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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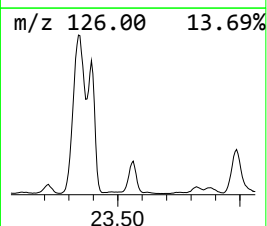
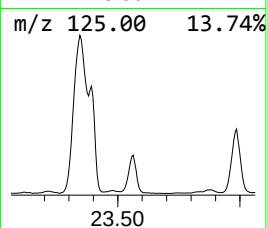
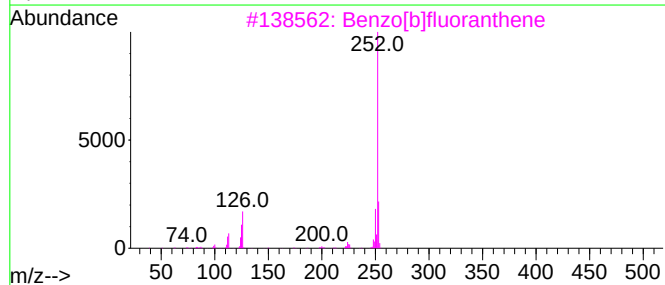
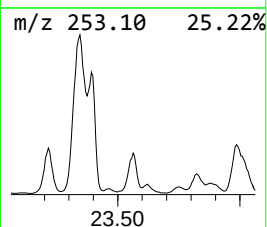
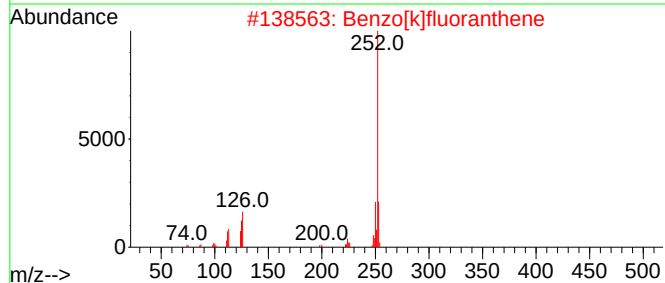
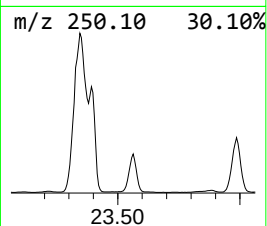
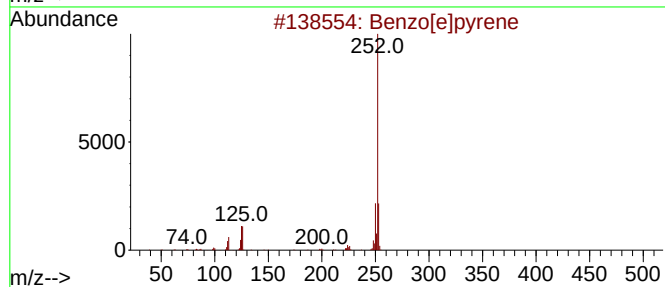
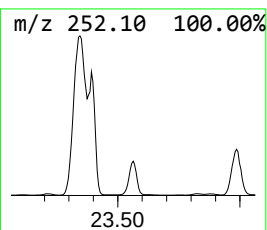
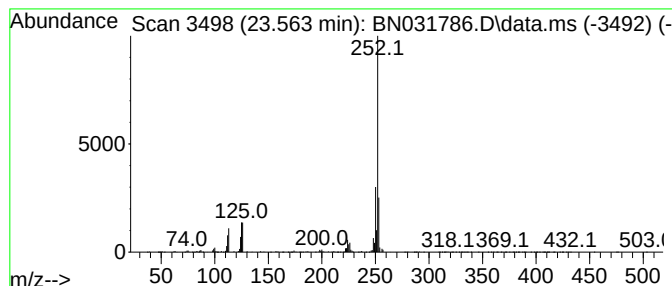
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	21.14 ng/ul	4818400	Perylene-d12	24.257

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	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ1

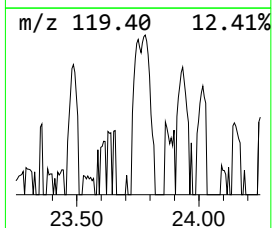
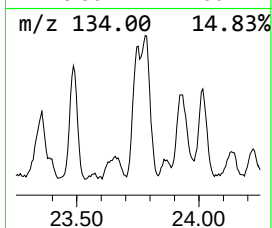
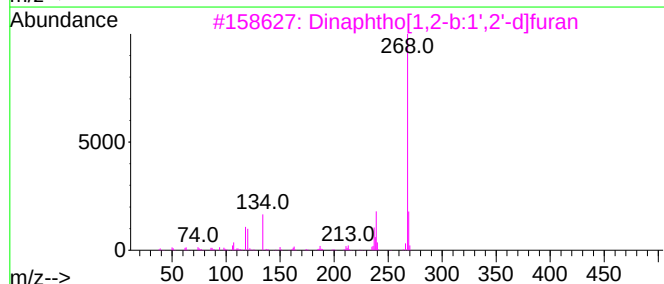
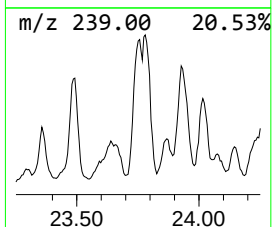
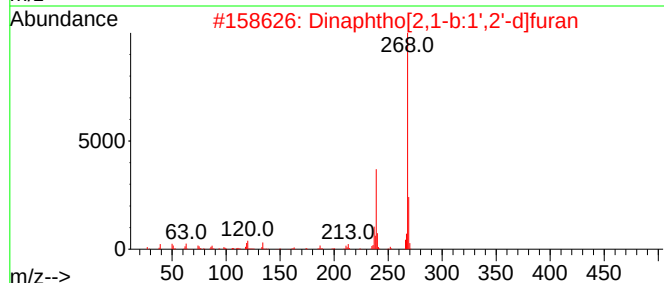
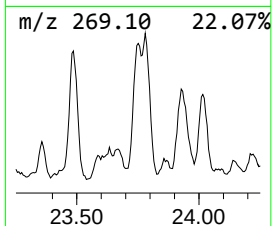
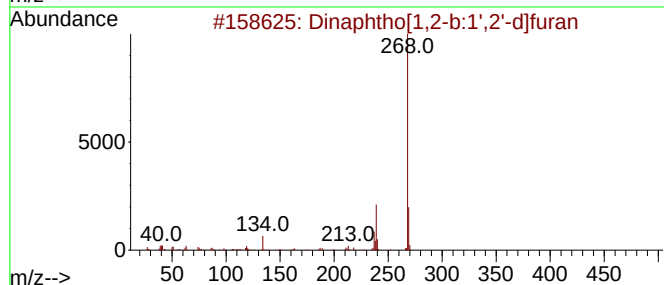
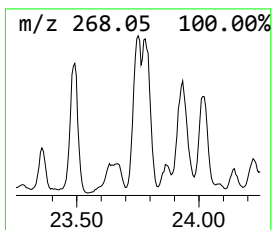
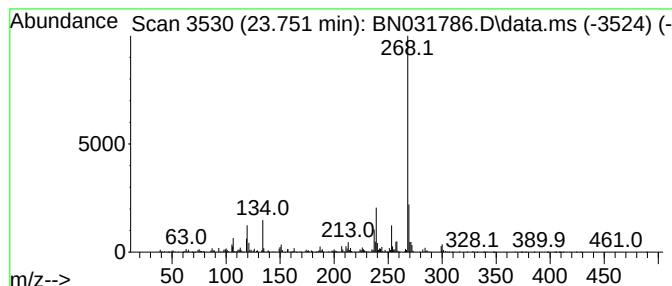
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.751	9.34 ng/ul	2129720	Perylene-d12	24.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
3			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
4			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
5			Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031786.D
Acq On : 04 Jun 2024 21:30
Operator : MA/JU
Sample : P2591-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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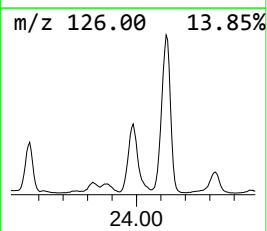
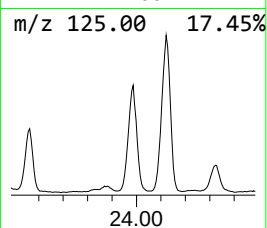
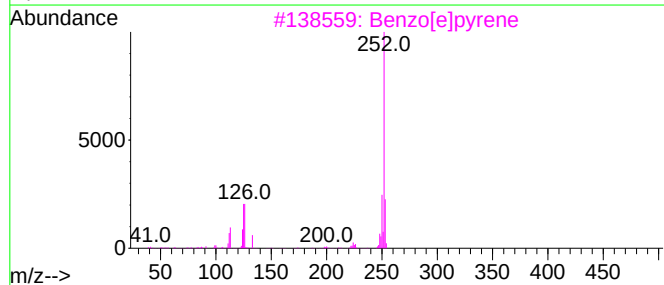
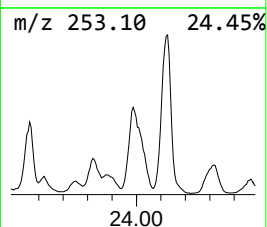
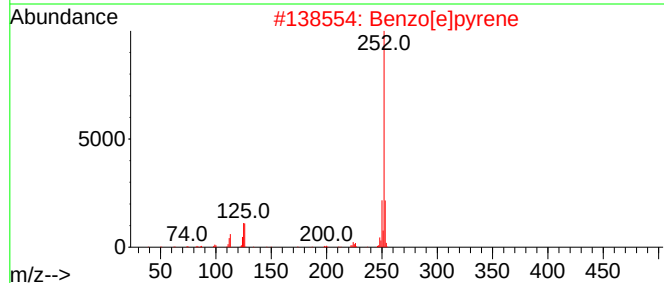
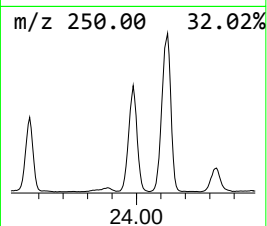
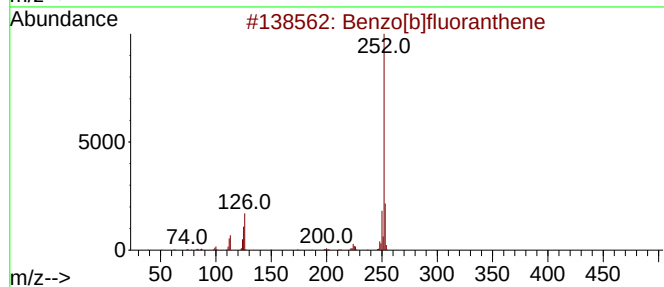
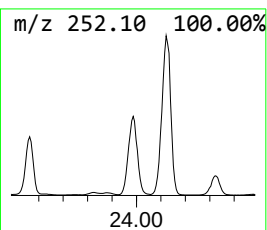
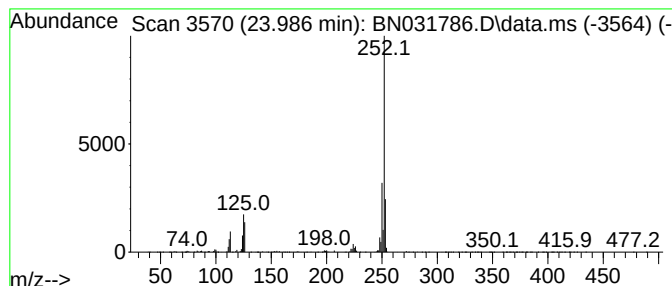
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	25.22 ng/ul	5748620	Perylene-d12	24.257

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031786.D
 Acq On : 04 Jun 2024 21:30
 Operator : MA/JU
 Sample : P2591-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ1

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
9H-Fluoren-3-ol	15.663	5.9	ng/ul	1780890	3	14.322	6000890	20.0
[1,1'-Biphenyl]...	15.810	9.7	ng/ul	2538570	4	17.075	5219380	20.0
1(2H)-Acenaphth...	16.046	4.0	ng/ul	1052610	4	17.075	5219380	20.0
4,5-Dimethoxy-2...	16.604	4.3	ng/ul	1125880	4	17.075	5219380	20.0
9H-Fluoren-9-one	16.728	25.8	ng/ul	6719440	4	17.075	5219380	20.0
3'-Methyl-[1,1'...	16.804	6.3	ng/ul	1650480	4	17.075	5219380	20.0
Dibenzothiophene	16.887	14.0	ng/ul	3662310	4	17.075	5219380	20.0
Acridine	17.263	4.3	ng/ul	1130730	4	17.075	5219380	20.0
Naphthalene, 1-...	17.592	5.5	ng/ul	1432470	4	17.075	5219380	20.0
Anthrone	17.651	7.3	ng/ul	1914950	4	17.075	5219380	20.0
Phenanthrene, 2...	17.945	23.8	ng/ul	6203830	4	17.075	5219380	20.0
1H-Cyclopropa[1...	17.992	36.7	ng/ul	9577560	4	17.075	5219380	20.0
Phenanthrene, 4...	18.075	8.3	ng/ul	2157910	4	17.075	5219380	20.0
4H-Cyclopenta[d...	18.140	32.4	ng/ul	8445400	4	17.075	5219380	20.0
1H-Indene, 2-ph...	18.181	12.2	ng/ul	3177530	4	17.075	5219380	20.0
5,16[1',2']:8,1...	18.451	17.6	ng/ul	4599630	4	17.075	5219380	20.0
9,10-Anthracene...	18.498	25.5	ng/ul	6650840	4	17.075	5219380	20.0
Phenanthrene, 3...	18.745	4.3	ng/ul	1121040	4	17.075	5219380	20.0
Phenanthrene, 2...	18.787	4.1	ng/ul	1078460	4	17.075	5219380	20.0
Phenanthrene, 1...	18.869	15.3	ng/ul	3991670	4	17.075	5219380	20.0
Cyclopenta(def)...	19.016	22.2	ng/ul	5783120	4	17.075	5219380	20.0
Fluoranthene, 2...	20.151	3.4	ng/ul	6108120	5	21.316	36076700	20.0
11H-Benzo[a]flu...	20.745	5.7	ng/ul	10289900	5	21.316	36076700	20.0
Benzo[b]naphtho...	20.910	4.9	ng/ul	8871600	5	21.316	36076700	20.0
Cyclopenta[cd]p...	20.998	3.9	ng/ul	7111930	5	21.316	36076700	20.0
7H-Benz[de]anth...	21.063	5.5	ng/ul	9957700	5	21.316	36076700	20.0
1,1'-Binaphthalene	22.974	25.5	ng/ul	5811540	6	24.257	4558930	20.0
Benzo[e]pyrene	23.563	21.1	ng/ul	4818400	6	24.257	4558930	20.0
Dinaphtho[1,2-b...	23.751	9.3	ng/ul	2129720	6	24.257	4558930	20.0
unknown-01	23.986	25.2	ng/ul	5748620	6	24.257	4558930	20.0