

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031789.D
 Acq On : 04 Jun 2024 23:28
 Operator : MA/JU
 Sample : P2591-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ5

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: BN031789.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	101	104	117	rBV	790762	1283838	5.29%	0.430%
2	3.699	117	121	130	rVV	182733	267550	1.10%	0.090%
3	6.852	646	657	671	rVB	1908651	3130930	12.90%	1.048%
4	7.022	679	686	699	rVB	1538405	2405060	9.91%	0.805%
5	7.211	711	718	726	rBV	1910544	3094468	12.75%	1.036%
6	7.681	789	798	805	rBV	1771006	2852096	11.75%	0.955%
7	8.387	910	918	925	rBV	2335169	3825329	15.76%	1.281%
8	8.834	986	994	1003	rBV	1784545	2947069	12.14%	0.987%
9	9.399	1084	1090	1097	rVB	235232	362355	1.49%	0.121%
10	9.552	1101	1116	1127	rBV	1435035	2430019	10.01%	0.814%
11	10.087	1198	1207	1219	rBV	2323254	3960731	16.32%	1.326%
12	10.463	1262	1271	1276	rBV	2533509	4347953	17.92%	1.456%
13	10.510	1276	1279	1287	rVV	549083	860901	3.55%	0.288%
14	10.605	1287	1295	1314	rVB	1864556	3205607	13.21%	1.073%
15	11.205	1389	1397	1409	rBV	280301	546917	2.25%	0.183%
16	12.128	1548	1554	1563	rVB	301457	490860	2.02%	0.164%
17	12.352	1583	1592	1602	rVB	262488	430432	1.77%	0.144%
18	13.640	1800	1811	1816	rBV	226141	422016	1.74%	0.141%
19	13.740	1822	1828	1837	rVV	3656237	5319860	21.92%	1.781%
20	14.016	1862	1875	1888	rBV2	4251391	7083483	29.19%	2.372%
21	14.322	1918	1927	1933	rVV	3601002	5470067	22.54%	1.831%
22	14.387	1933	1938	1946	rVV	973437	1505242	6.20%	0.504%
23	14.528	1956	1962	1971	rVV	1517185	2431317	10.02%	0.814%
24	14.722	1990	1995	2004	rVV	1041347	1636981	6.75%	0.548%
25	15.316	2089	2096	2101	rVV	5564852	7958819	32.80%	2.665%
26	15.375	2101	2106	2113	rVV	1010774	1574380	6.49%	0.527%
27	15.445	2113	2118	2124	rVV	698136	1065066	4.39%	0.357%
28	15.534	2130	2133	2138	rVV2	160996	266149	1.10%	0.089%
29	15.669	2151	2156	2165	rVB	424827	651489	2.68%	0.218%
30	15.810	2175	2180	2189	rVB	447650	902164	3.72%	0.302%
31	15.904	2189	2196	2204	rVB2	110232	218929	0.90%	0.073%
32	16.045	2213	2220	2226	rVB4	184706	352164	1.45%	0.118%
33	16.351	2265	2272	2274	rBV2	152800	307188	1.27%	0.103%
34	16.375	2274	2276	2281	rVV2	184095	278036	1.15%	0.093%
35	16.604	2307	2315	2318	rBV2	216059	370500	1.53%	0.124%
36	16.645	2318	2322	2325	rVV2	226330	354911	1.46%	0.119%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	16.728	2330	2336	2343	rVB	1655305	2422259	9.98%	0.811%
38	16.798	2343	2348	2356	rBV3	229837	559892	2.31%	0.187%
39	16.887	2358	2363	2372	rVB	883722	1353688	5.58%	0.453%
40	17.069	2388	2394	2397	rVV	3680489	5416279	22.32%	1.813%
41	17.116	2397	2402	2407	rVV	13988992	21133254	87.09%	7.075%
42	17.169	2407	2411	2414	rVV2	5542238	7854266	32.37%	2.630%
43	17.204	2414	2417	2422	rVV	3227077	4236915	17.46%	1.419%
44	17.263	2422	2427	2432	rVV3	297933	527147	2.17%	0.176%
45	17.340	2434	2440	2444	rVV2	121481	307382	1.27%	0.103%
46	17.475	2453	2463	2476	rBV2	2040790	3647647	15.03%	1.221%
47	17.592	2478	2483	2488	rVV2	276730	515060	2.12%	0.172%
48	17.651	2488	2493	2501	rVB4	369891	679732	2.80%	0.228%
49	17.945	2534	2543	2546	rBV	1570944	2449406	10.09%	0.820%
50	17.992	2546	2551	2558	rVB	2372888	3858293	15.90%	1.292%
51	18.075	2559	2565	2570	rVB	600433	870411	3.59%	0.291%
52	18.139	2570	2576	2580	rBV3	1909473	3419401	14.09%	1.145%
53	18.175	2580	2582	2588	rVB	895562	1095108	4.51%	0.367%
54	18.251	2591	2595	2599	rBV3	198469	320044	1.32%	0.107%
55	18.298	2599	2603	2606	rVV2	264084	350922	1.45%	0.117%
56	18.451	2624	2629	2632	rBV	1197894	1646741	6.79%	0.551%
57	18.492	2632	2636	2642	rVB	1455933	2029400	8.36%	0.679%
58	18.698	2667	2671	2675	rVB3	285623	370331	1.53%	0.124%
59	18.745	2675	2679	2682	rVB	308903	353945	1.46%	0.119%
60	18.786	2682	2686	2690	rVB	319652	424853	1.75%	0.142%
61	18.869	2694	2700	2705	rBV2	671791	1362629	5.62%	0.456%
62	18.963	2713	2716	2719	rVB	221012	268732	1.11%	0.090%
63	19.010	2719	2724	2730	rBV2	1330996	2060912	8.49%	0.690%
64	19.139	2738	2746	2752	rVB	16082248	24265852	100.00%	8.124%
65	19.198	2752	2756	2759	rBV	255700	359184	1.48%	0.120%
66	19.234	2759	2762	2768	rBV2	349456	536329	2.21%	0.180%
67	19.334	2774	2779	2782	rBV2	312662	581728	2.40%	0.195%
68	19.375	2783	2786	2790	rVB	416532	597241	2.46%	0.200%
69	19.469	2796	2802	2804	rBV3	7159184	10529200	43.39%	3.525%
70	19.498	2804	2807	2814	rVV	12134081	16932300	69.78%	5.669%
71	19.569	2814	2819	2825	rVB2	758211	1141259	4.70%	0.382%
72	19.675	2833	2837	2842	rVB	975327	1284201	5.29%	0.430%
73	19.739	2843	2848	2854	rVB	947775	1407562	5.80%	0.471%
74	19.822	2856	2862	2869	rBV5	961884	2545370	10.49%	0.852%
75	19.951	2879	2884	2888	rBV4	785483	1714242	7.06%	0.574%
76	19.992	2888	2891	2896	rVB	930063	1288708	5.31%	0.431%

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77	20.092	2905	2908	2911	rBV	345680	397675	1.64%	0.133%
78	20.151	2911	2918	2922	rBV2	1261899	2327914	9.59%	0.779%
79	20.192	2922	2925	2928	rVV	353509	388243	1.60%	0.130%
80	20.233	2928	2932	2935	rBV	338629	565949	2.33%	0.189%
81	20.292	2938	2942	2945	rVV	514645	681719	2.81%	0.228%
82	20.333	2945	2949	2954	rVV3	591541	941456	3.88%	0.315%
83	20.739	3014	3018	3023	rBV	2668278	3737426	15.40%	1.251%
84	20.910	3042	3047	3051	rBV2	1438648	2525770	10.41%	0.846%
85	20.951	3051	3054	3057	rVV	1132863	1373049	5.66%	0.460%
86	20.992	3057	3061	3067	rVV3	1648252	3050663	12.57%	1.021%
87	21.057	3067	3072	3083	rVB	2318534	3671518	15.13%	1.229%
88	21.292	3102	3112	3118	rBV3	8003596	18064265	74.44%	6.048%
89	21.351	3118	3122	3133	rVB	6256713	10092126	41.59%	3.379%
90	21.486	3142	3145	3152	rBV2	437462	812520	3.35%	0.272%
91	21.680	3173	3178	3184	rBV3	477009	957036	3.94%	0.320%
92	21.980	3225	3229	3234	rVB	971611	1538222	6.34%	0.515%
93	22.045	3237	3240	3250	rVB2	580630	1095370	4.51%	0.367%
94	23.322	3449	3457	3464	rBV3	4744157	14720017	60.66%	4.928%
95	23.551	3491	3496	3512	rVB	909583	2215619	9.13%	0.742%
96	23.974	3563	3568	3573	rBV	989453	2118043	8.73%	0.709%
97	24.045	3575	3580	3585	rVV2	1491550	3348083	13.80%	1.121%
98	24.110	3586	3591	3603	rVB	2647001	6197705	25.54%	2.075%
99	24.245	3607	3614	3621	rBV2	1603070	4164193	17.16%	1.394%
100	27.568	4171	4179	4200	rVB3	1451058	6371918	26.26%	2.133%

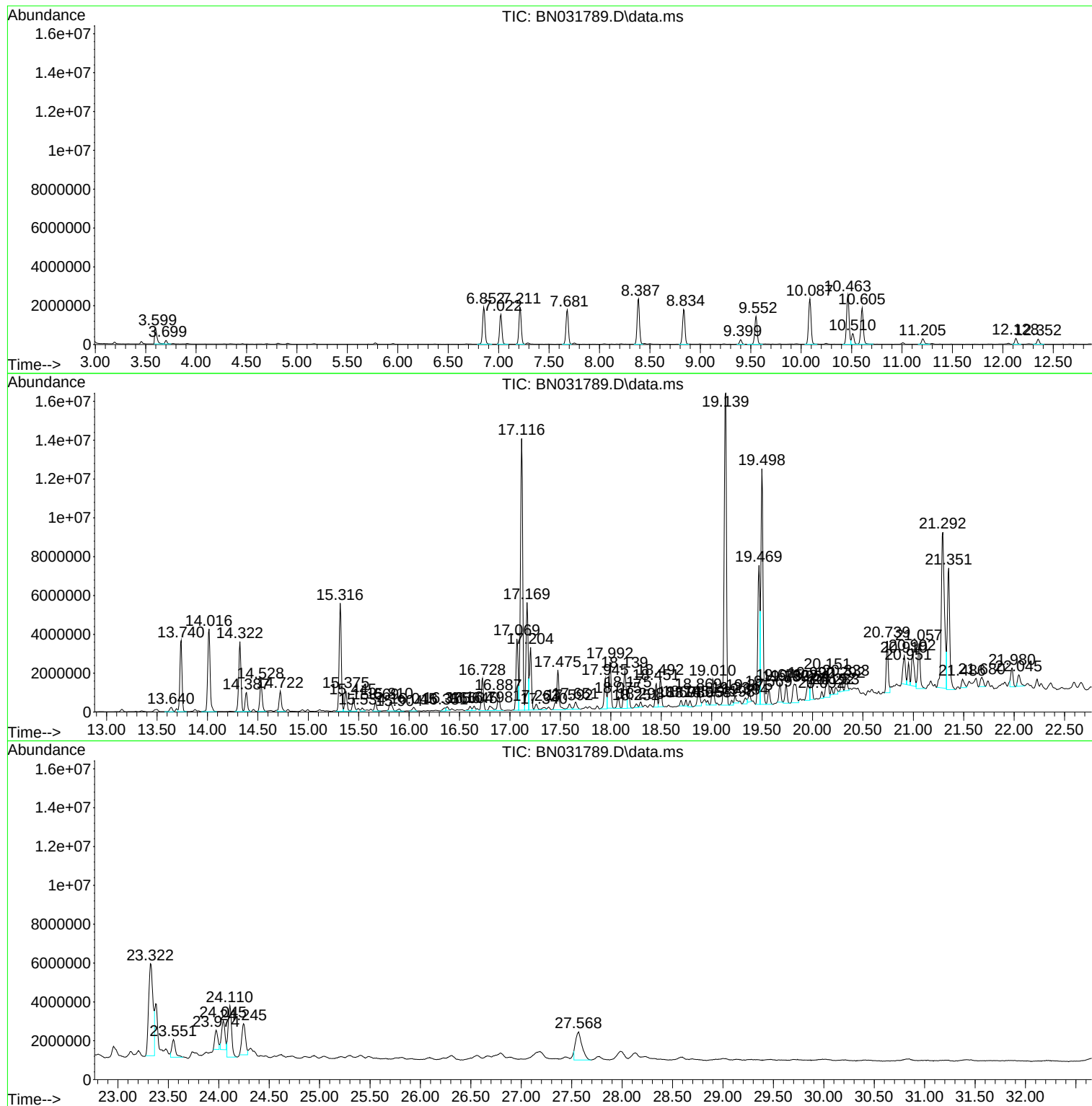
Sum of corrected areas: 298685200

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

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



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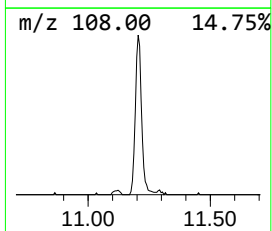
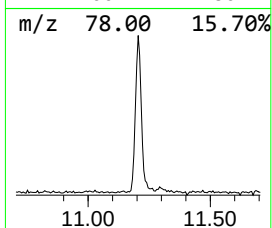
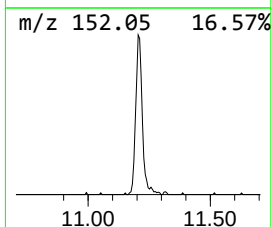
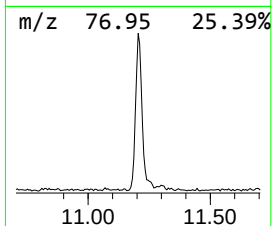
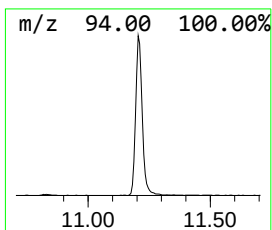
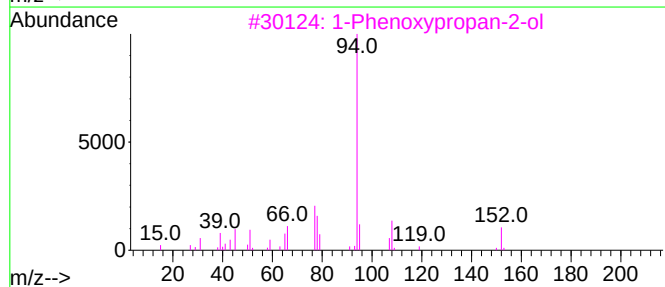
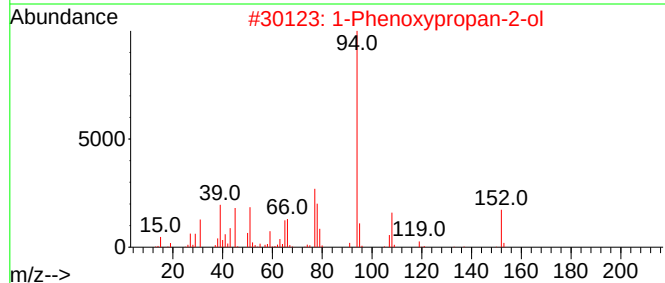
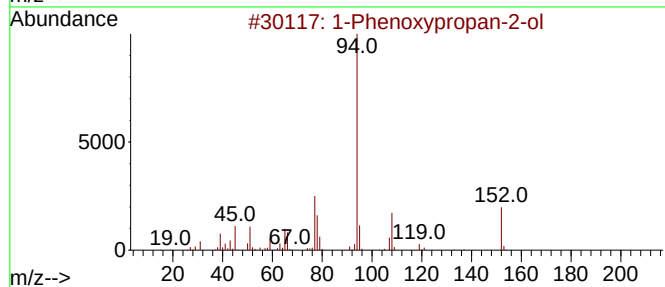
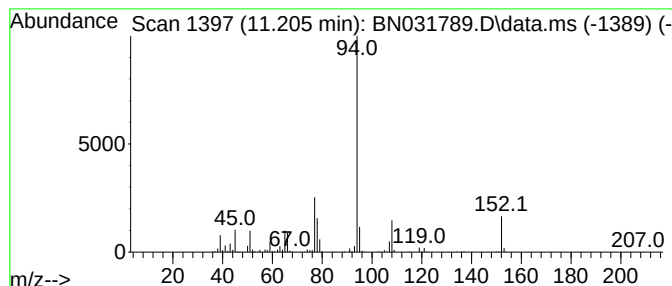
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.52 ng/ul	546917	Naphthalene-d8	10.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
4			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
5			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64



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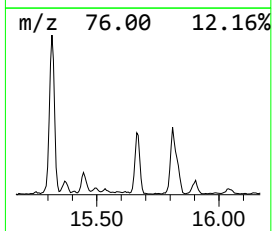
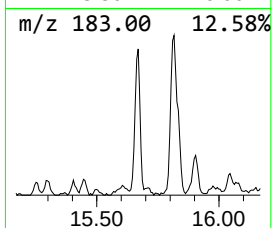
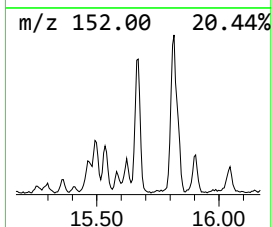
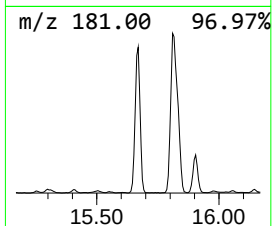
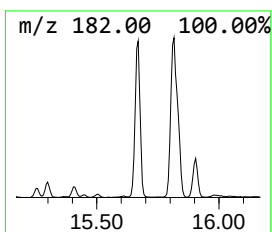
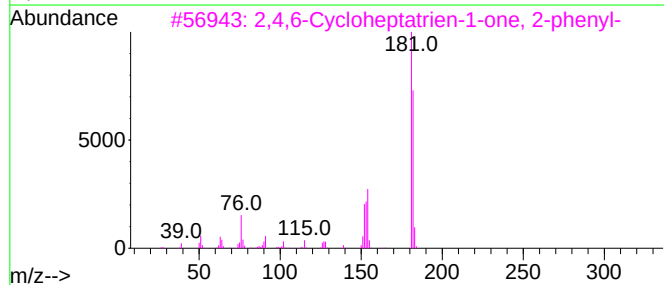
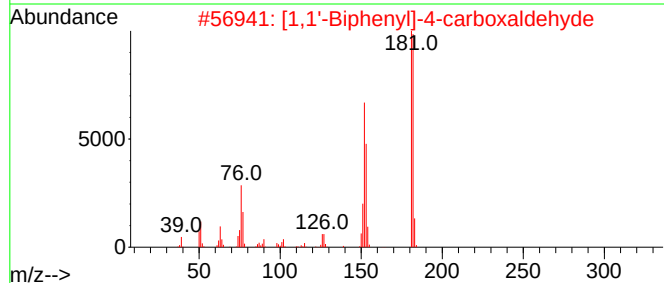
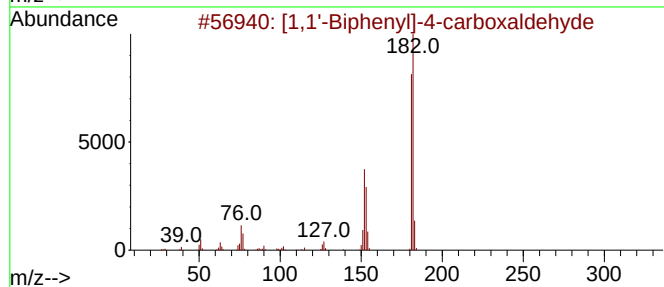
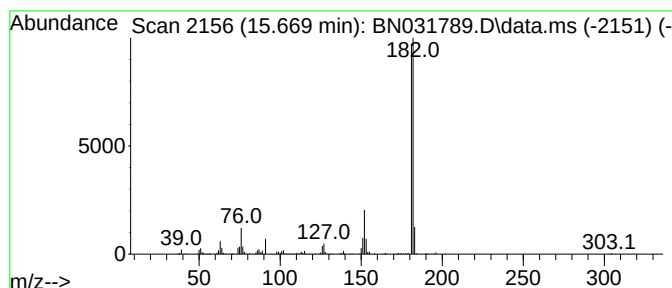
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.669	2.38 ng/ul	651489	Acenaphthene-d10	14.322	
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-Fluorene-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76



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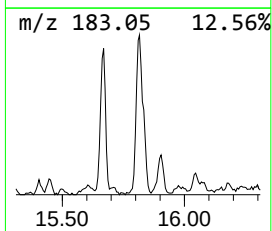
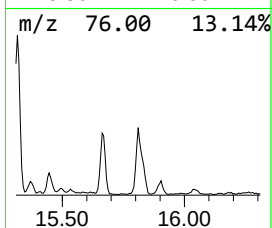
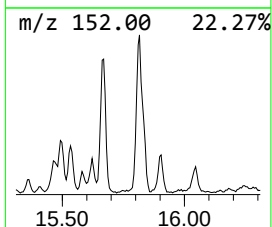
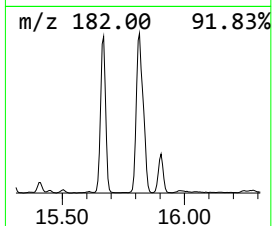
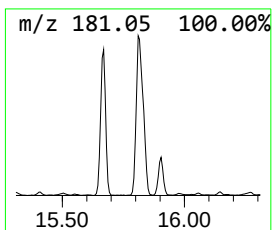
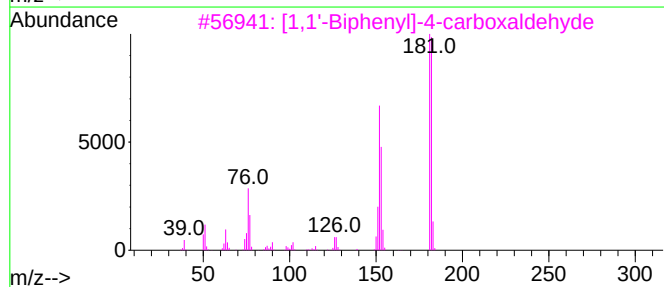
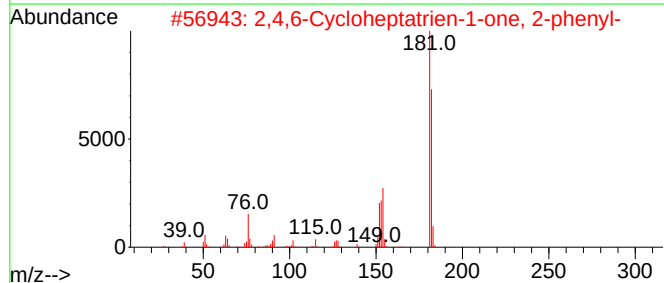
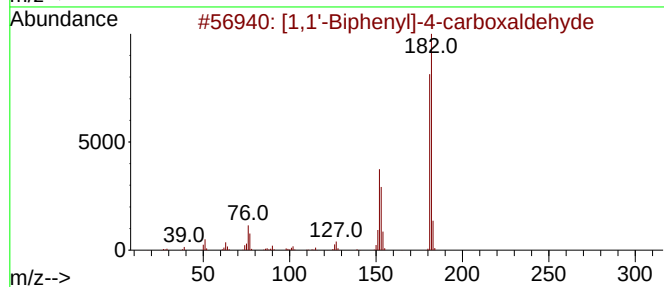
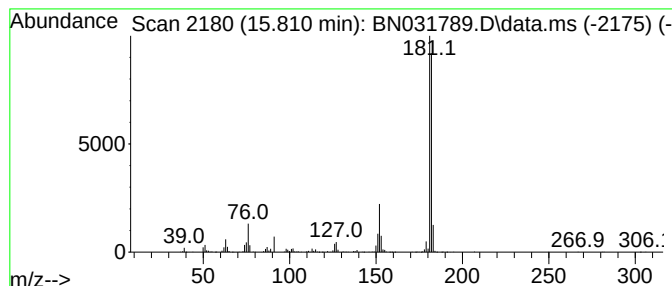
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2,4,6-Cycloheptatrien-1-one... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.810	3.33 ng/ul	902164	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
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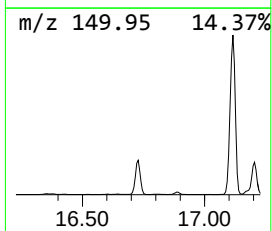
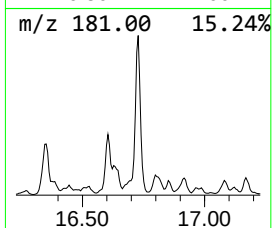
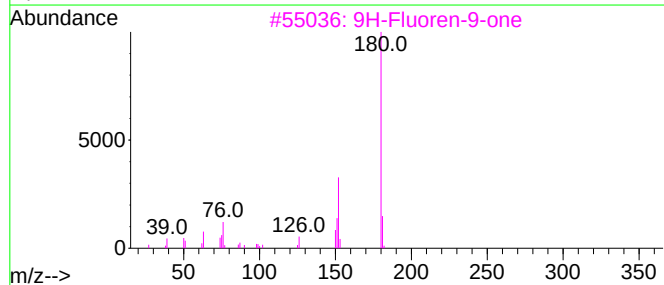
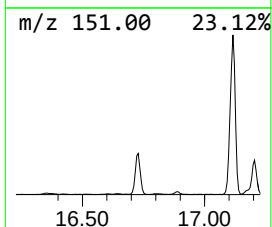
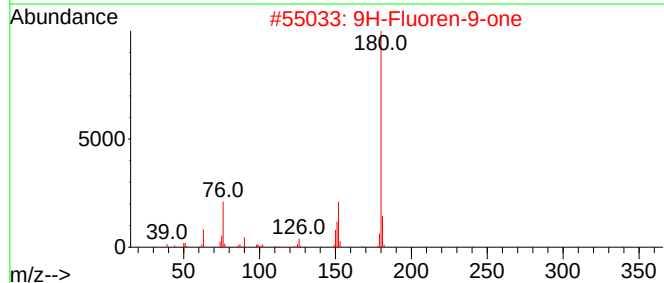
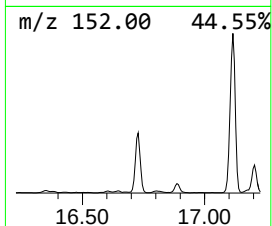
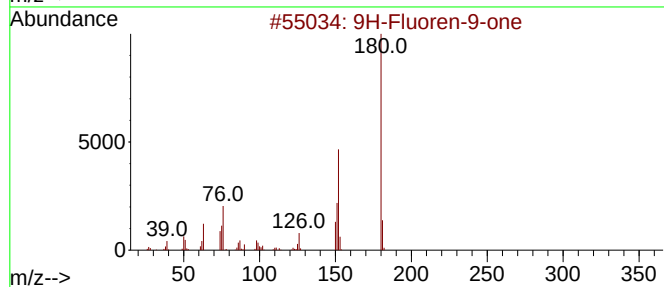
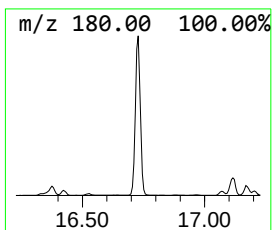
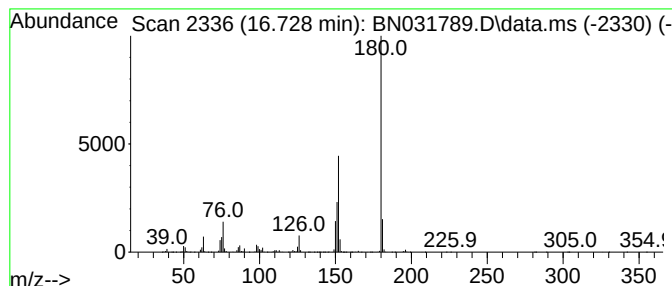
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.728	8.94 ng/ul	2422260	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93



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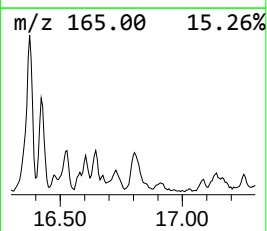
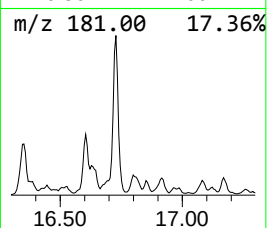
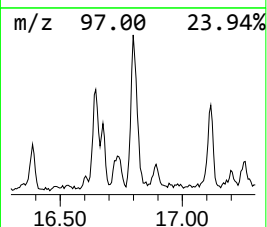
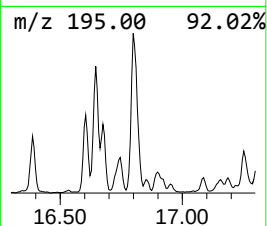
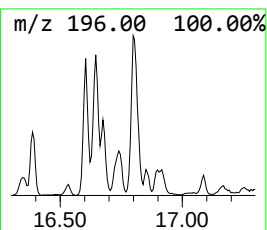
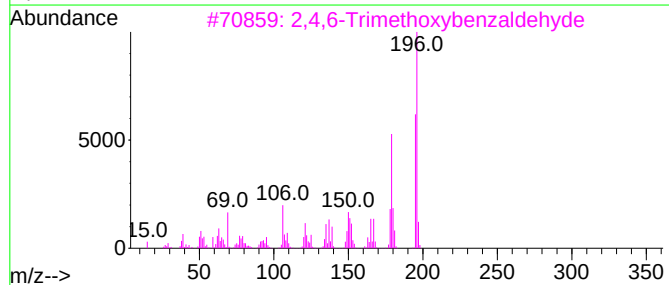
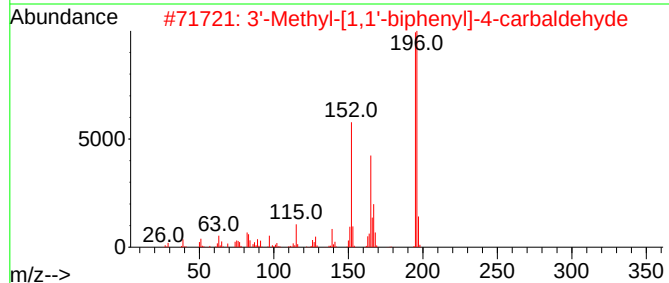
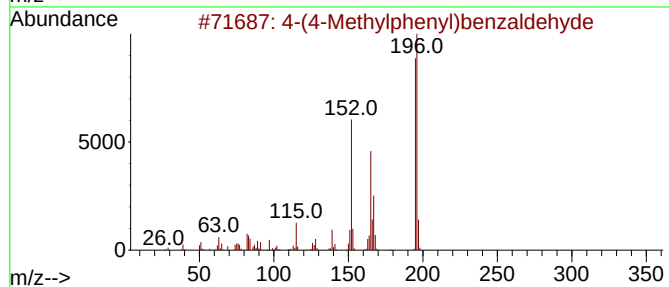
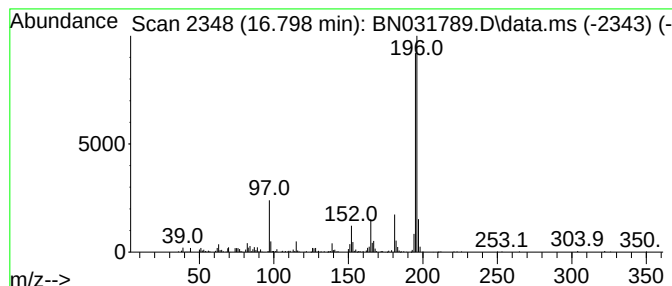
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4-(4-Methylphenyl)benzaldehyde Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.798	2.07 ng/ul	559892	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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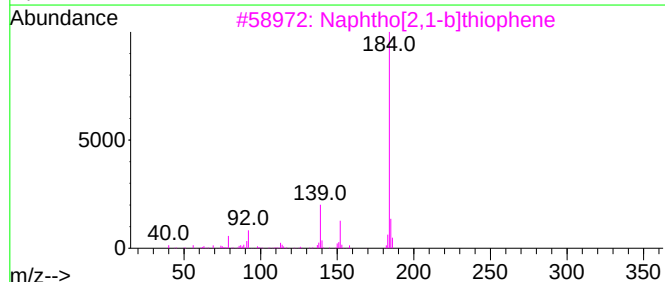
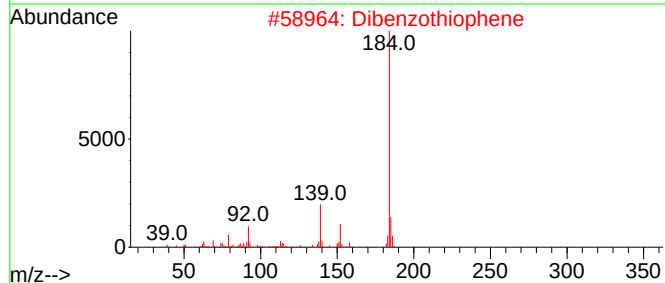
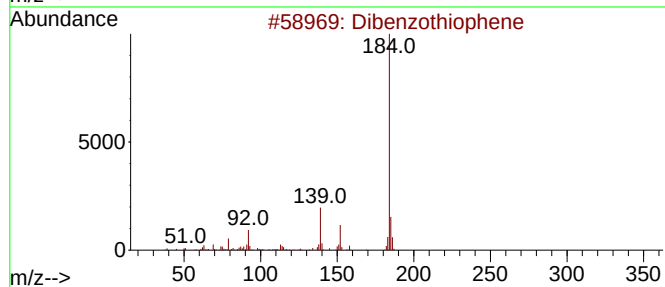
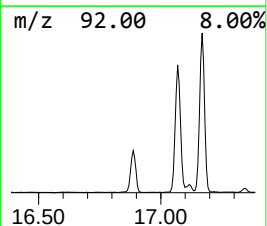
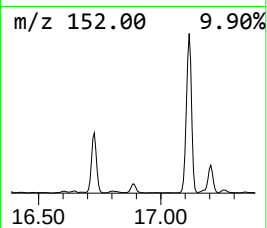
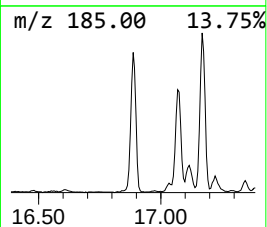
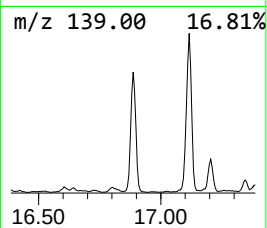
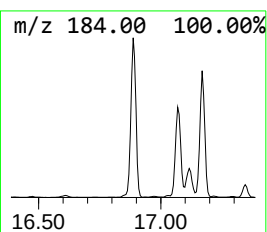
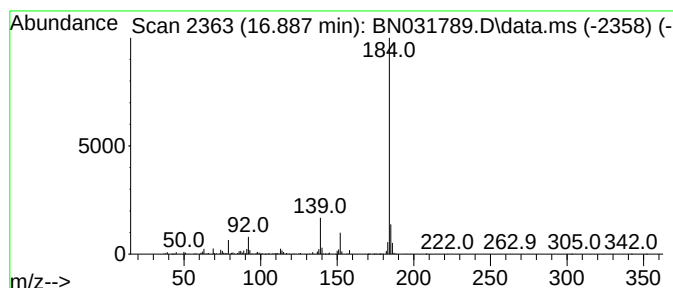
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	5.00 ng/ul	1353690	Phenanthrene-d10	17.069

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			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95



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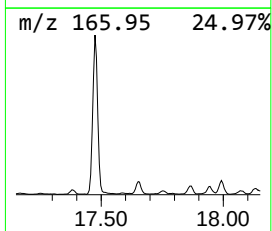
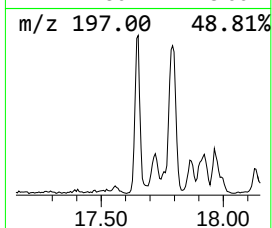
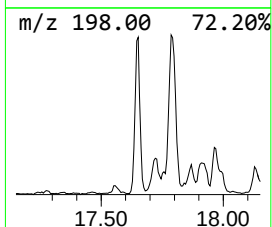
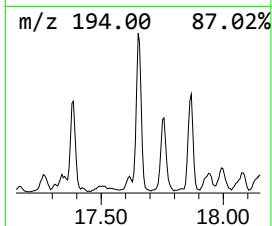
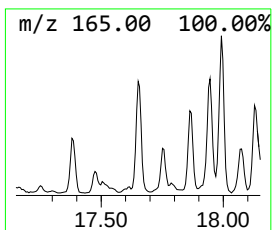
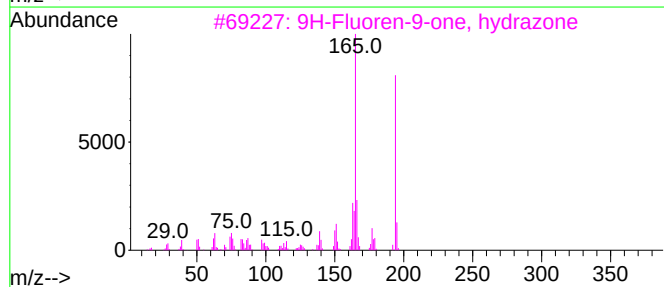
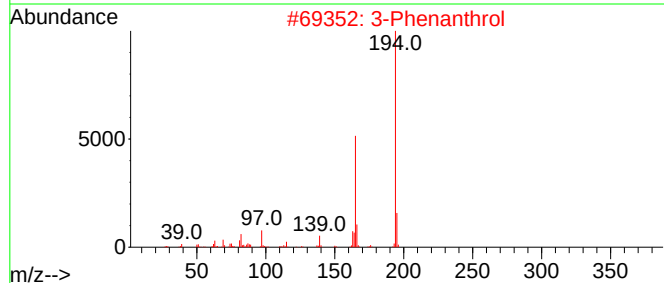
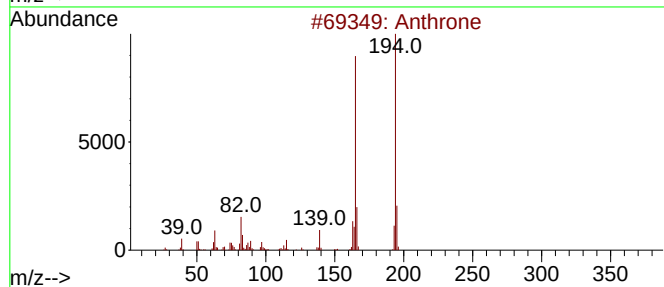
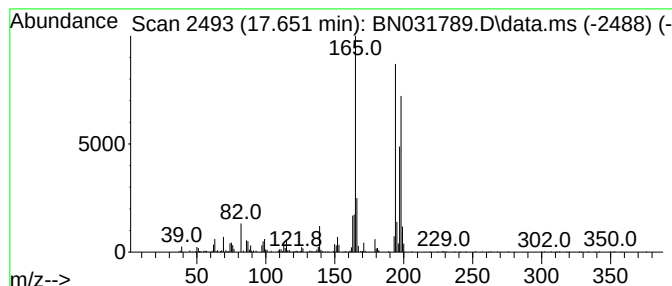
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthrone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.651	2.51 ng/ul	679732	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthrone		194	C14H10O	000090-44-8	91
2	3-Phenanthrol		194	C14H10O	000605-87-8	64
3	9H-Fluoren-9-one, hydrazone		194	C13H10N2	013629-22-6	64
4	Anthrone		194	C14H10O	000090-44-8	58
5	Anthrone		194	C14H10O	000090-44-8	58



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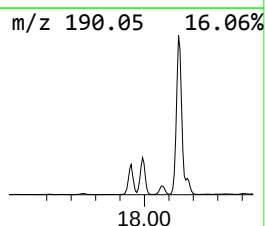
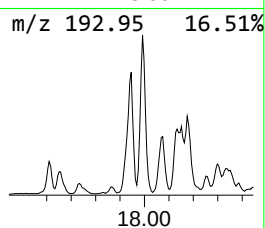
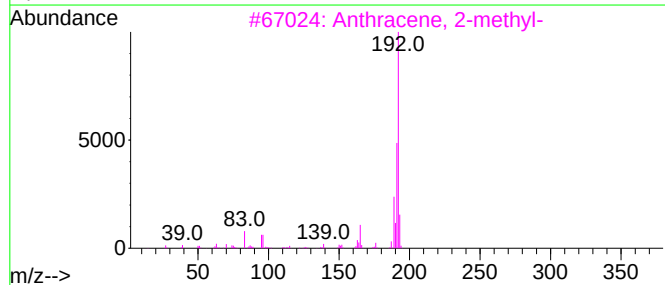
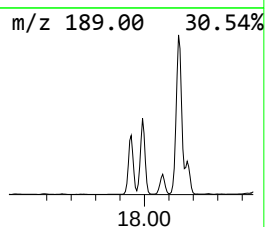
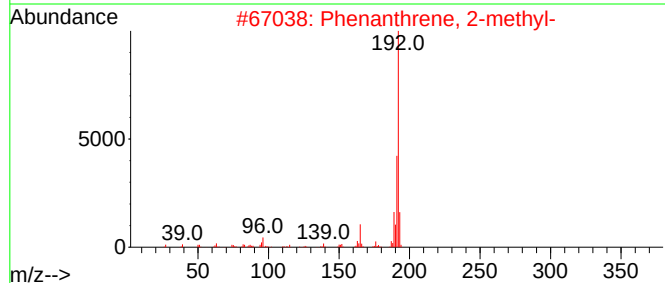
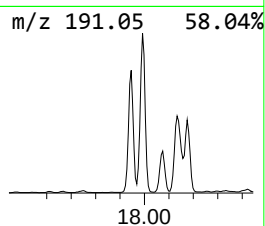
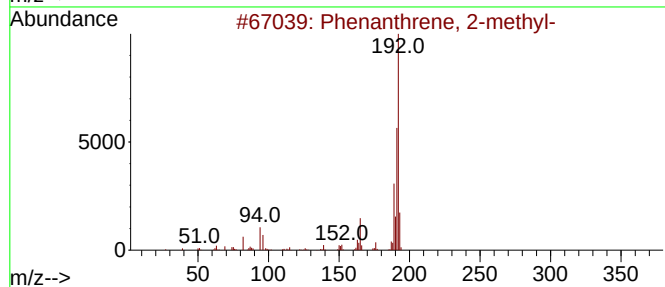
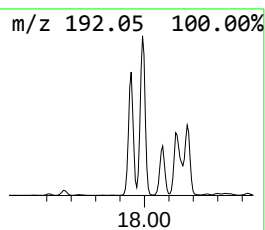
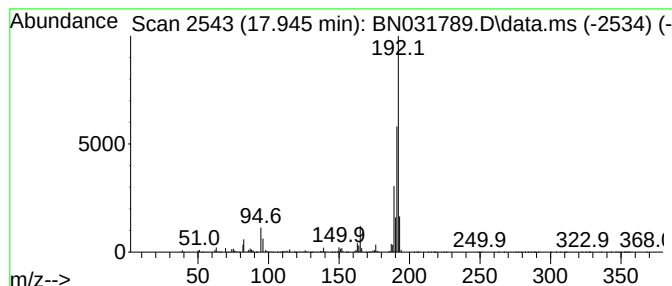
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	9.04 ng/ul	2449410	Phenanthrene-d10	17.069

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	93



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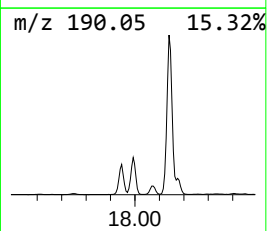
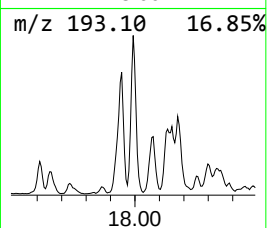
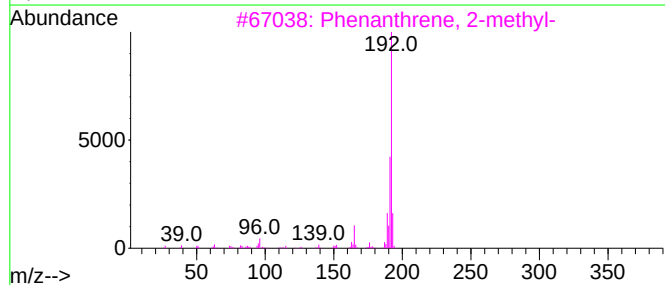
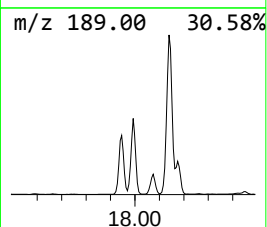
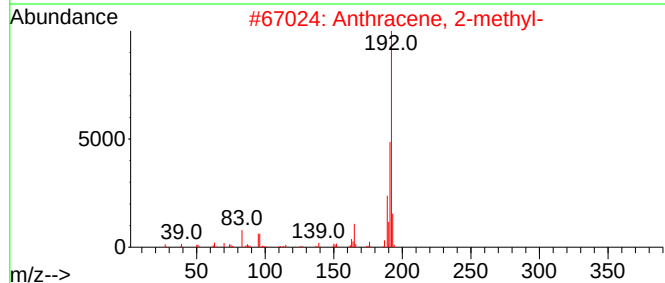
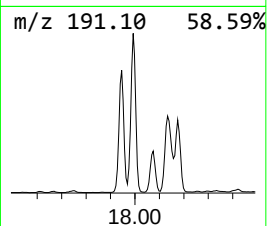
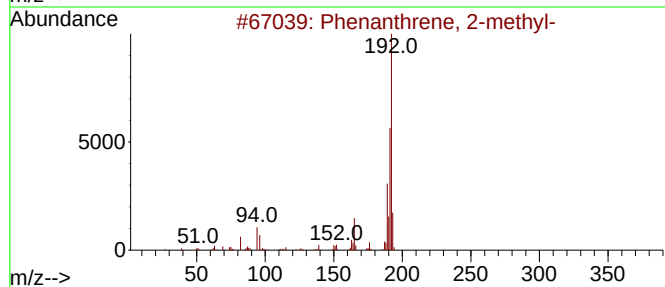
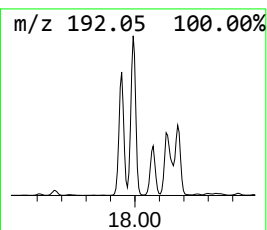
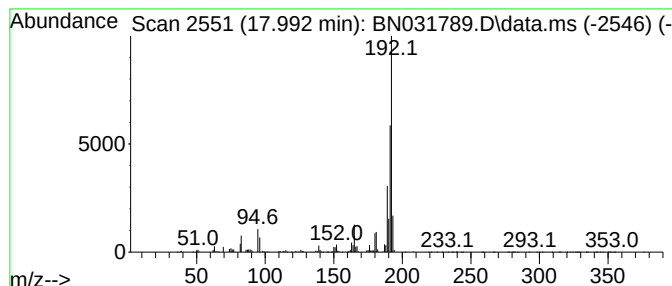
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	14.25 ng/ul	3858290	Phenanthrene-d10	17.069

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	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
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\
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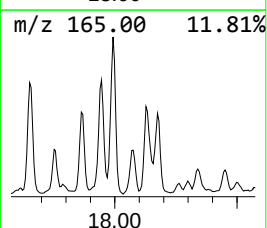
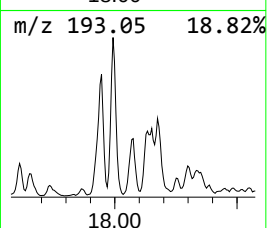
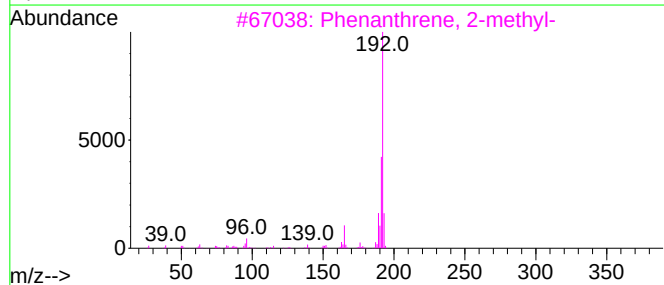
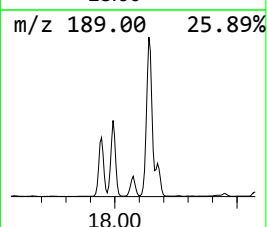
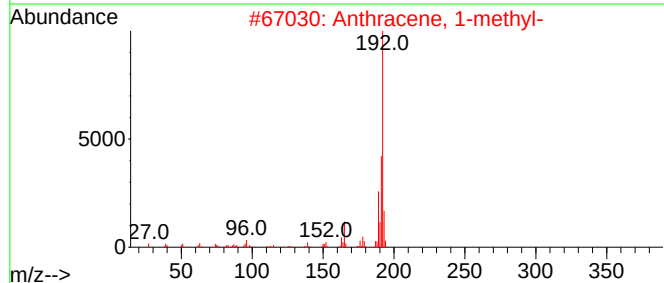
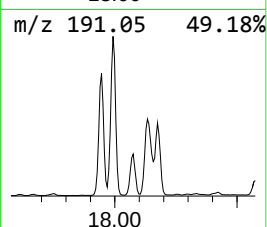
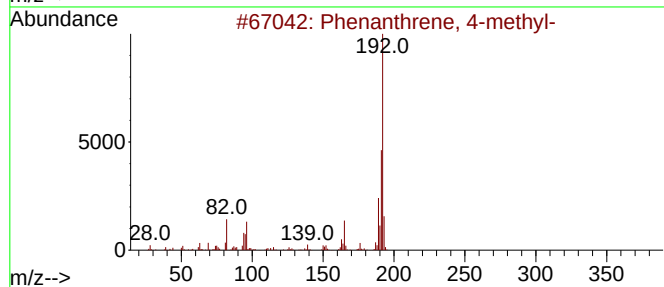
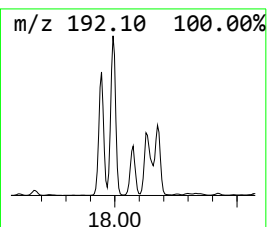
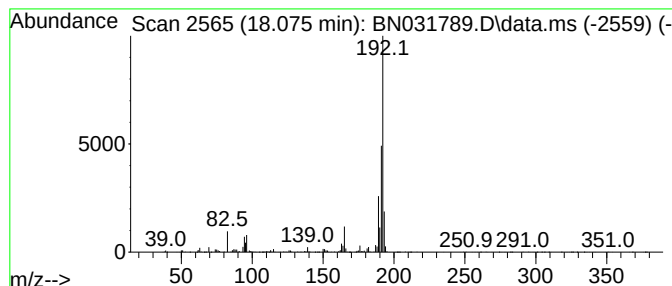
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	3.21 ng/ul	870411	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
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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Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

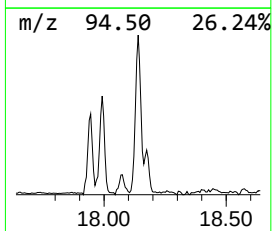
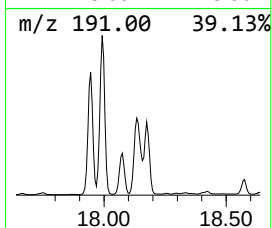
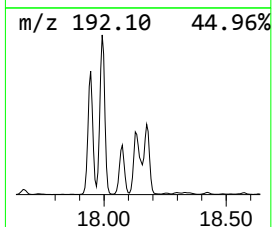
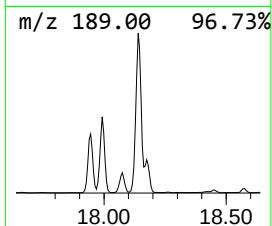
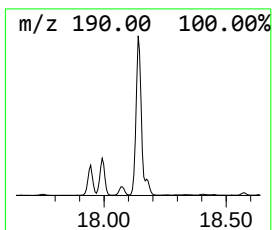
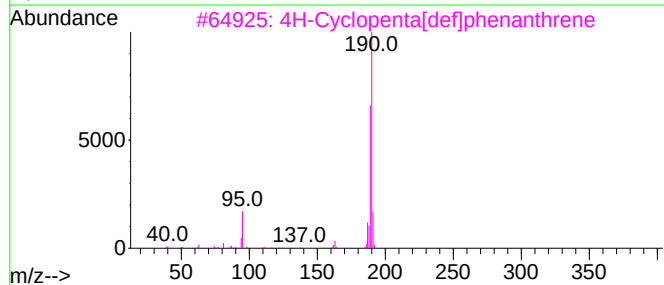
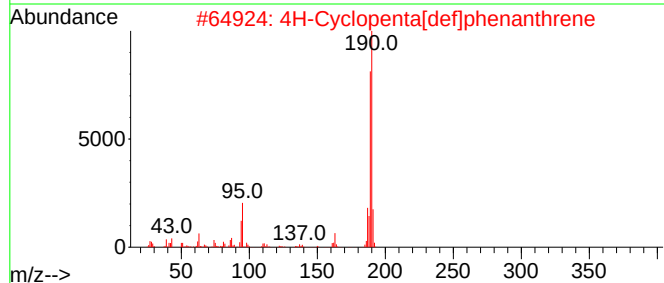
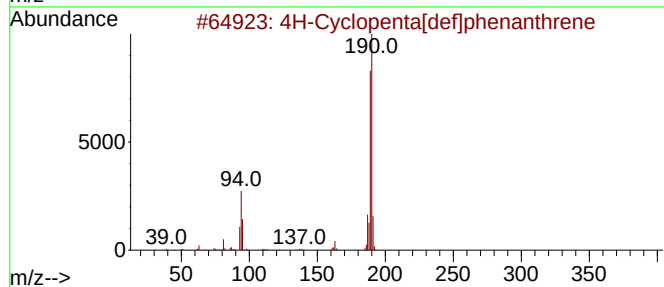
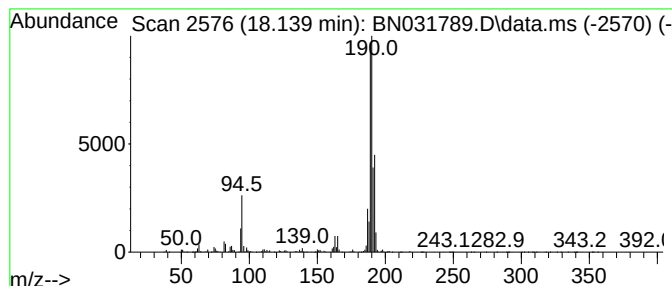
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.140	12.63 ng/ul	3419400	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	58
4	2,3,5,6-Tetramethylterephthald...		190	C12H14O2	007072-01-7	43
5	Methyl diselenide		190	C2H6Se2	007101-31-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
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Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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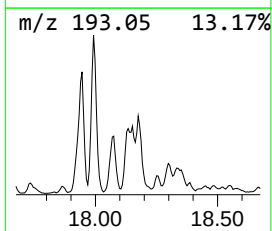
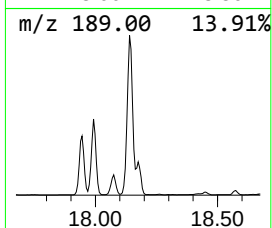
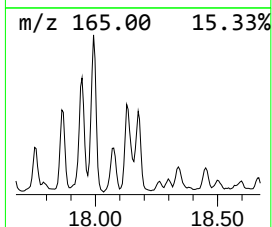
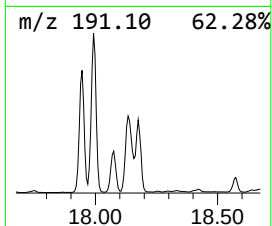
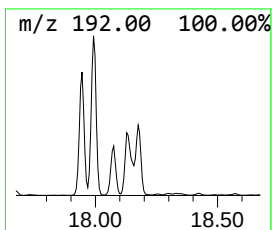
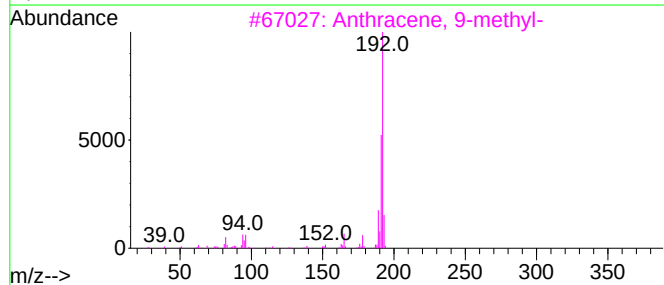
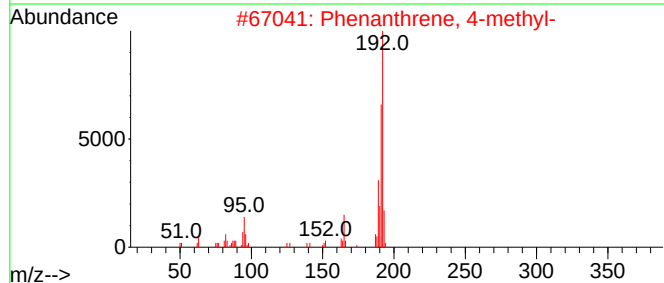
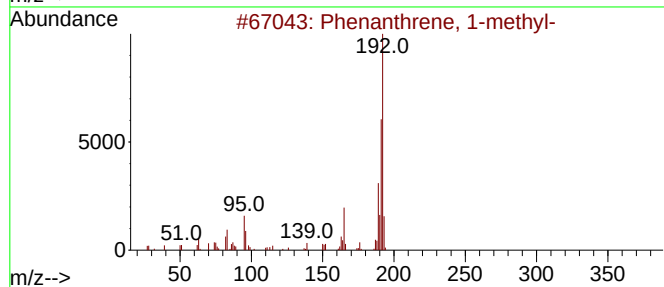
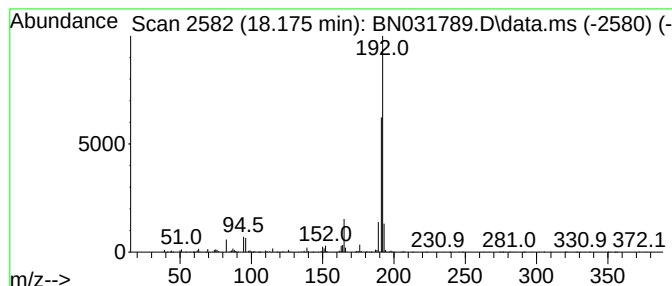
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	4.04 ng/ul	1095110	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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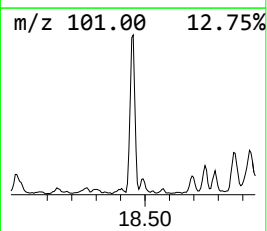
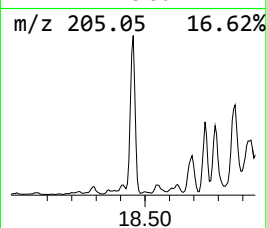
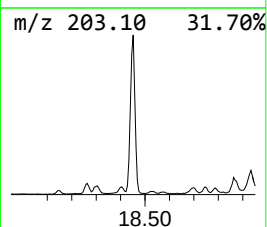
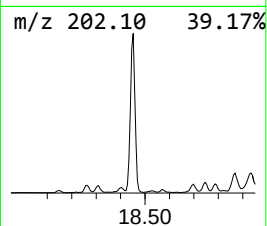
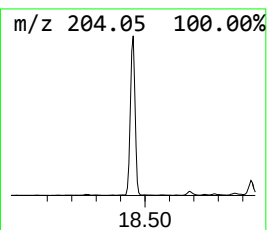
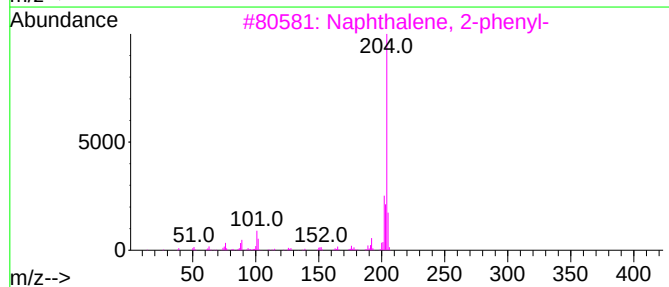
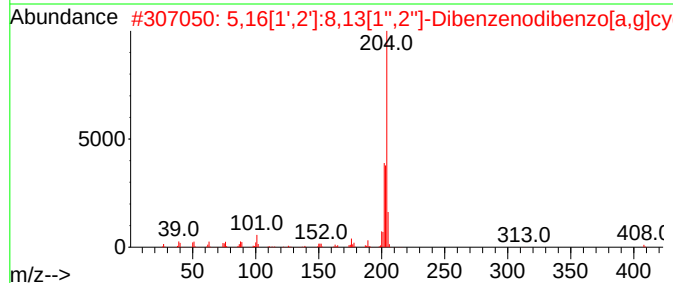
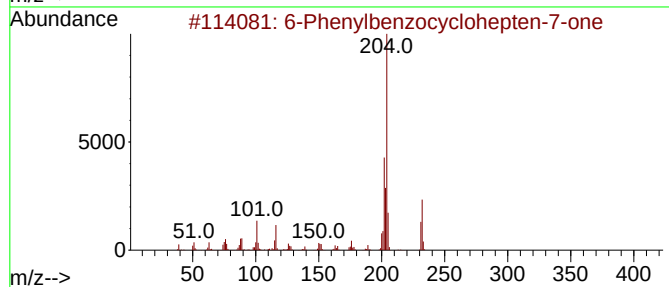
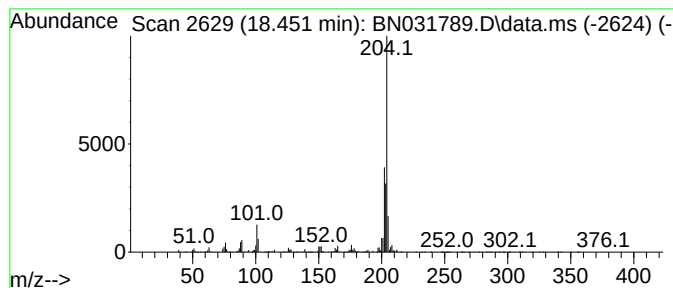
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 6-Phenylbenzocyclohepten-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	6.08 ng/ul	1646740	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
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Sample : P2591-14
Misc :
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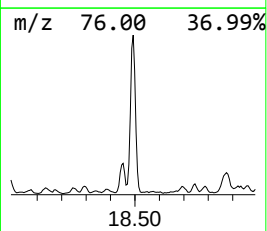
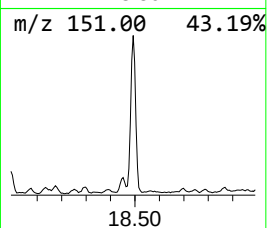
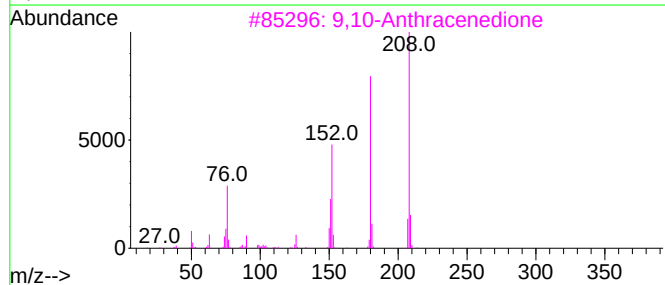
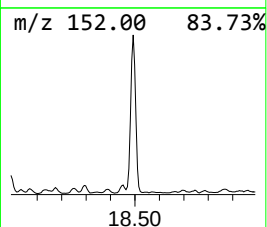
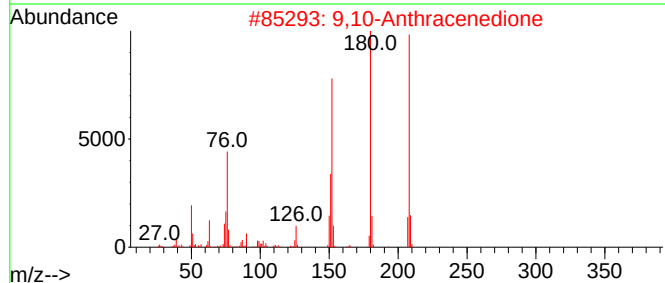
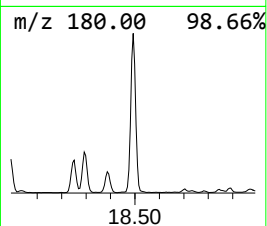
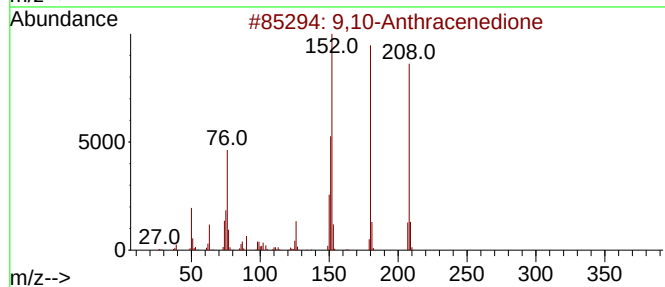
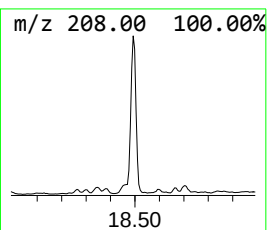
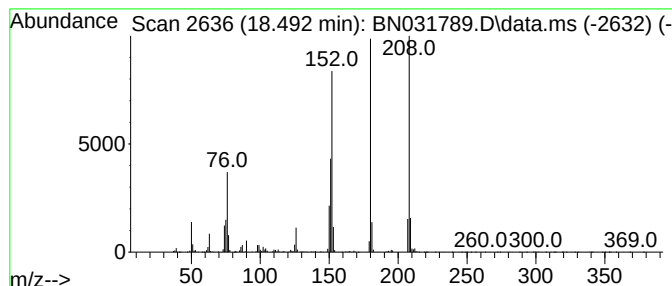
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	7.49 ng/ul	2029400	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
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Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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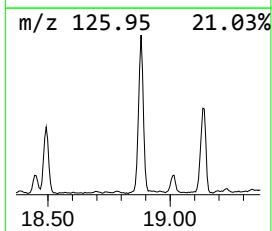
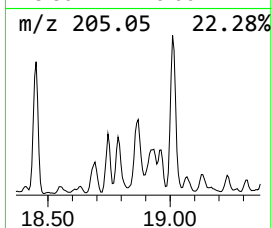
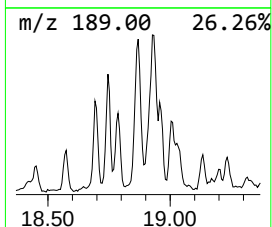
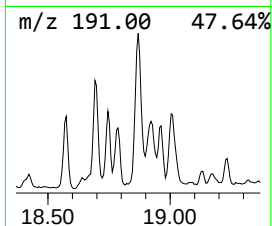
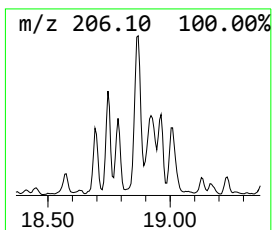
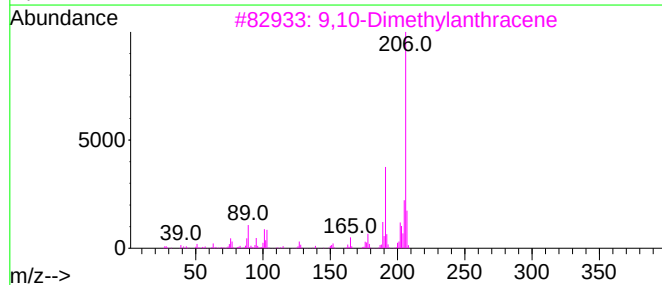
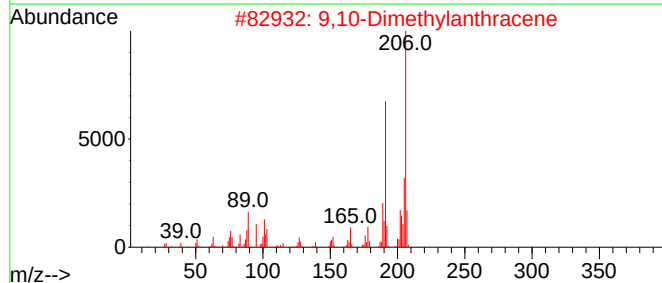
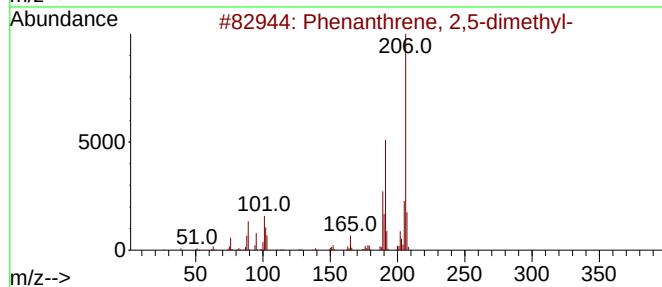
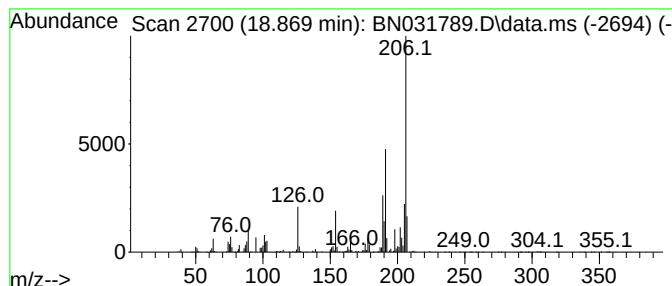
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	5.03 ng/ul	1362630	Phenanthrene-d10	17.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83



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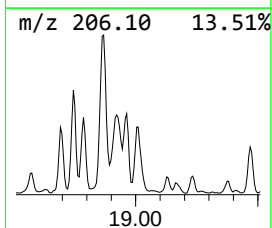
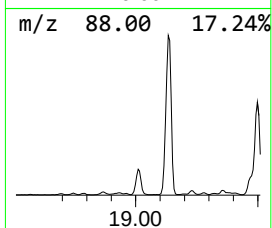
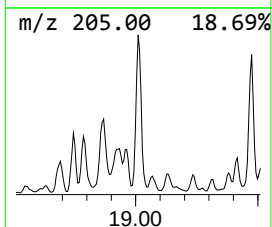
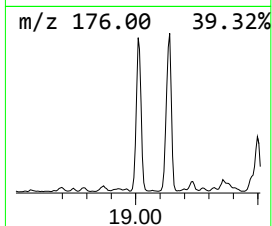
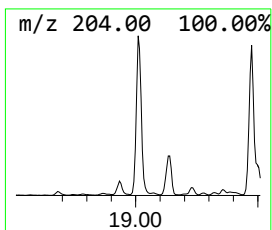
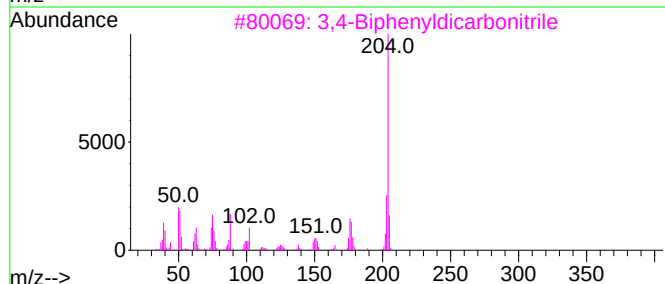
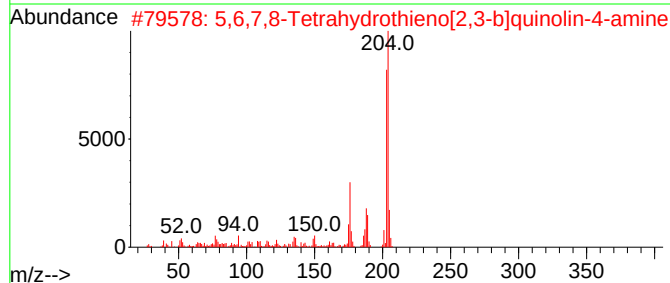
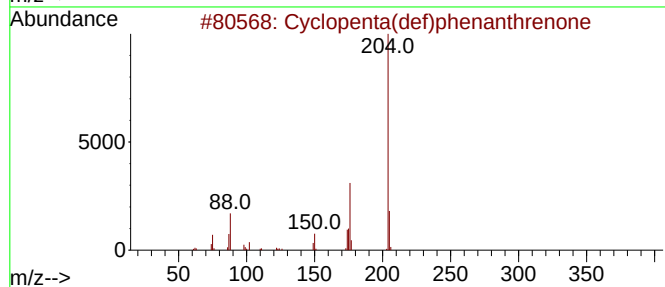
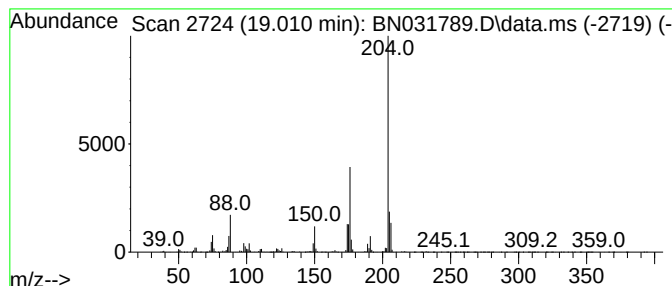
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	7.61 ng/ul	2060910	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42



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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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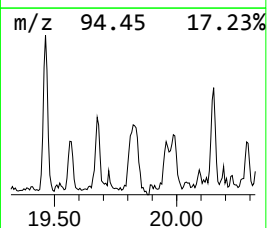
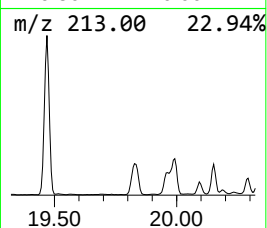
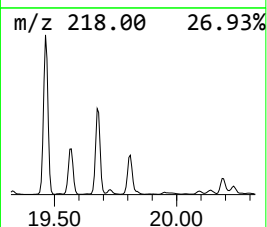
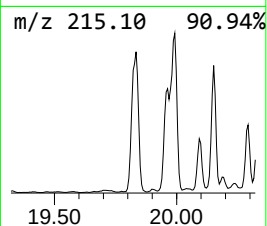
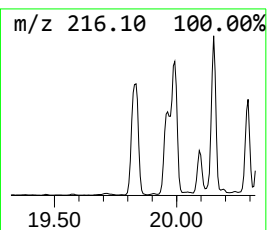
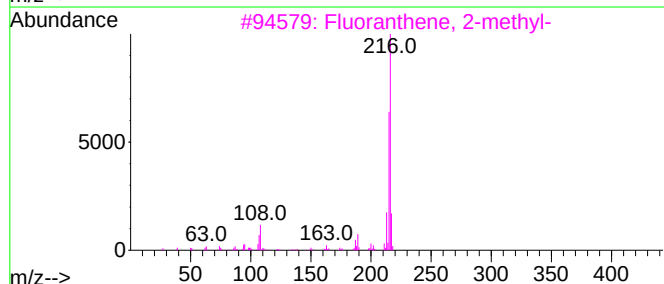
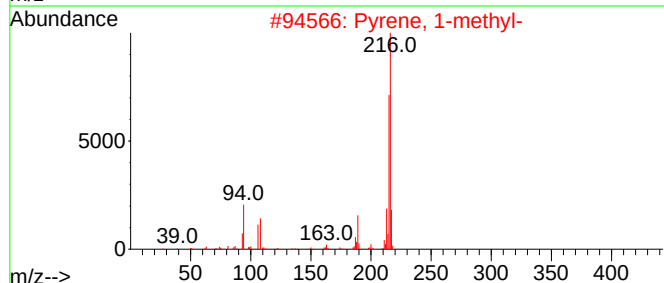
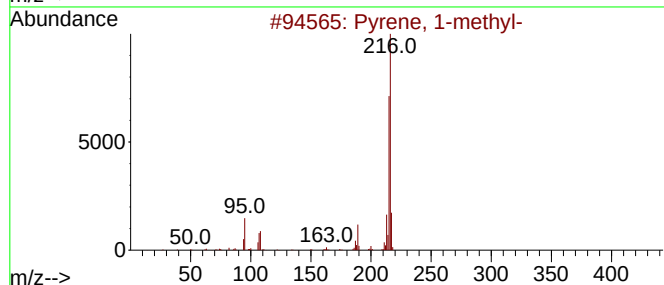
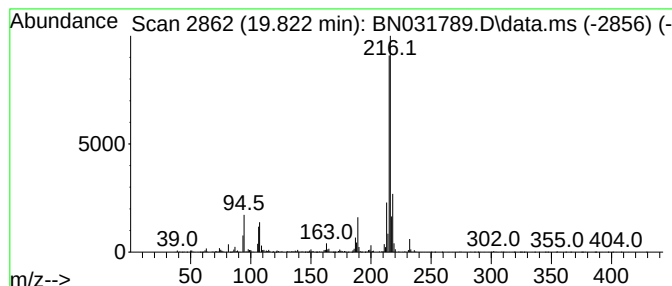
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	2.82 ng/ul	2545370	Chrysene-d12	21.304

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	95
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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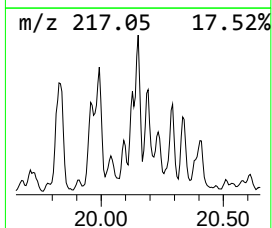
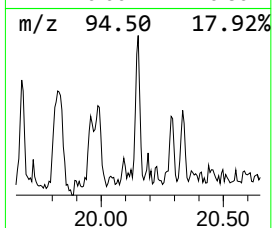
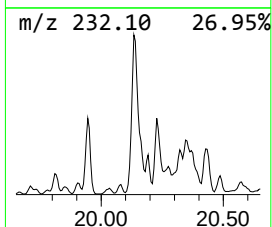
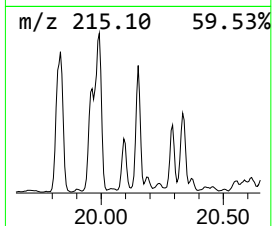
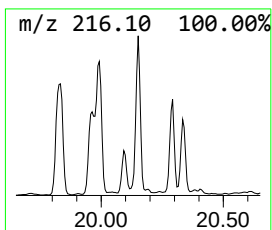
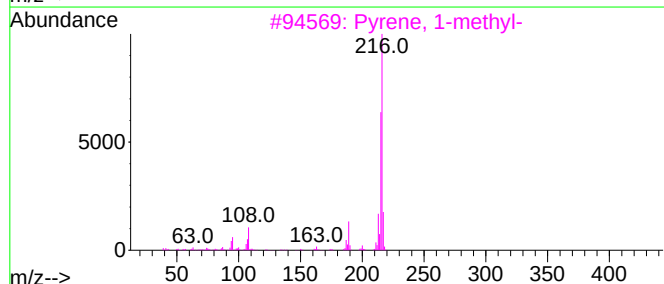
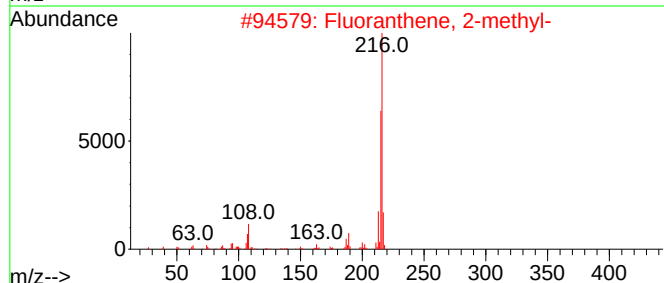
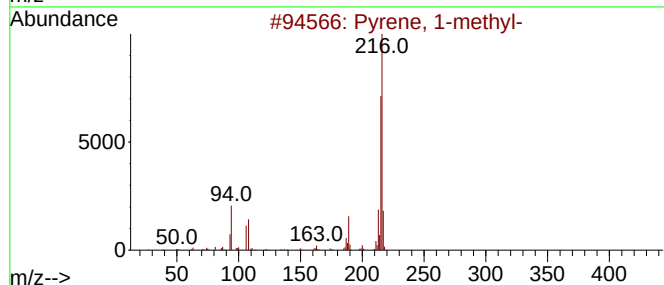
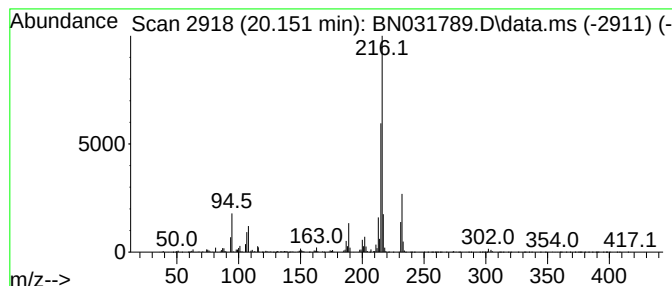
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.58 ng/ul	2327910	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ5

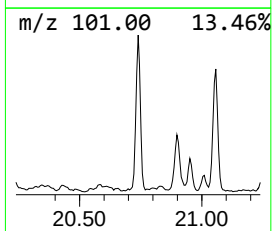
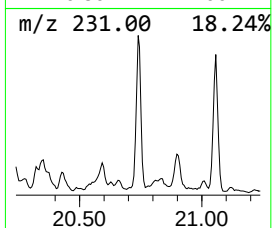
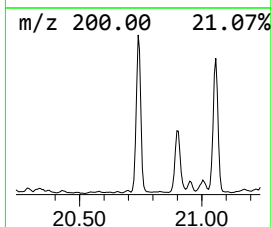
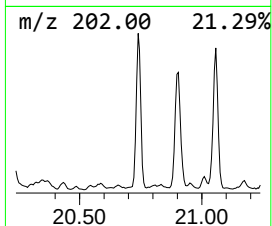
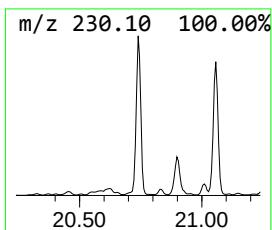
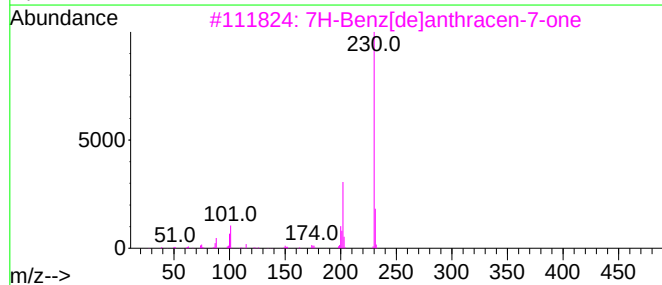
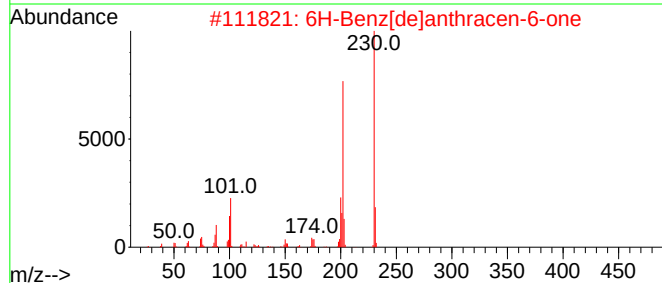
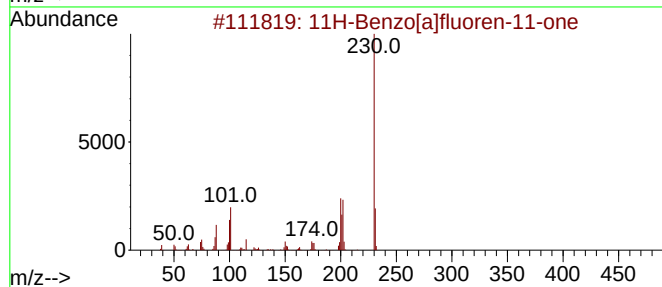
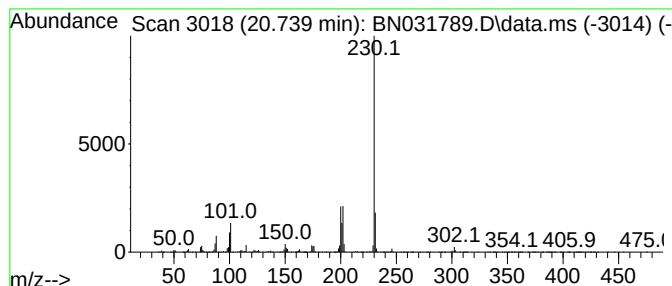
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	4.14 ng/ul	3737430	Chrysene-d12	21.304

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	91
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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 : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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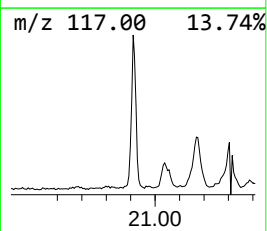
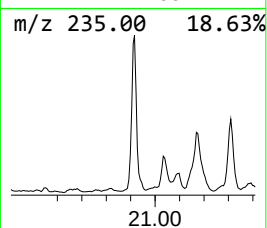
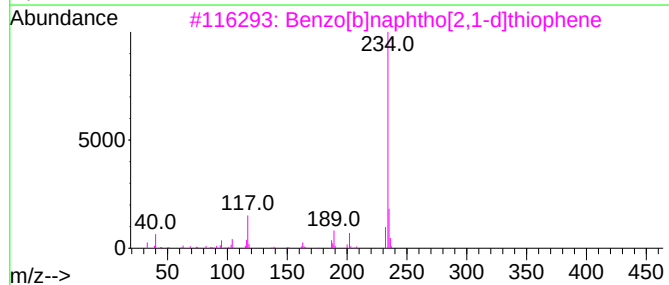
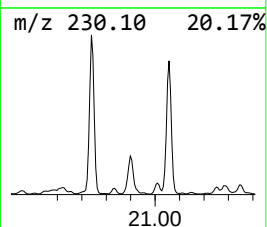
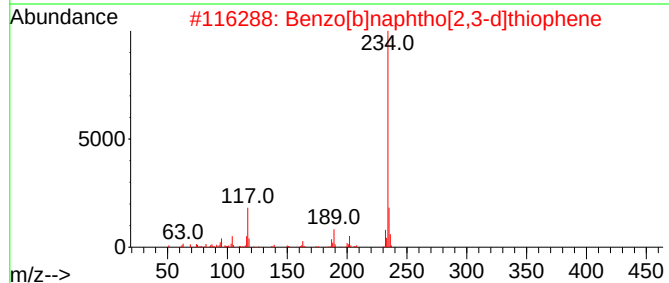
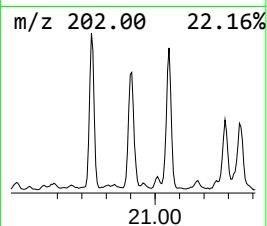
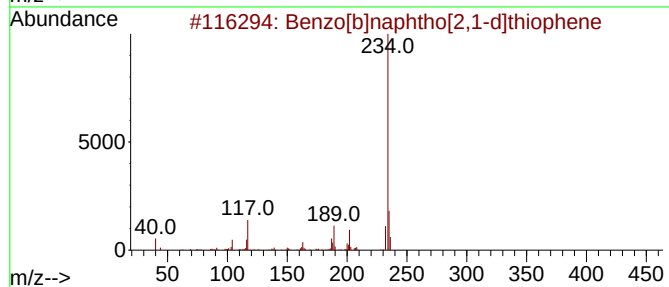
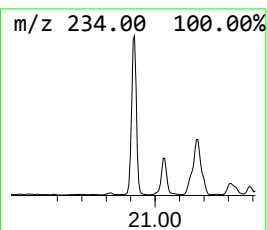
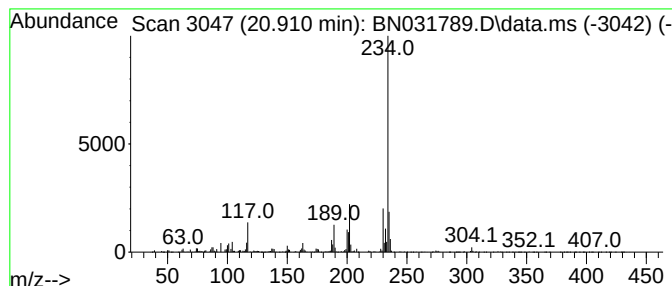
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.80 ng/ul	2525770	Chrysene-d12	21.304

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	93
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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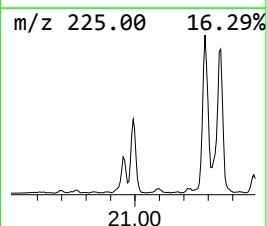
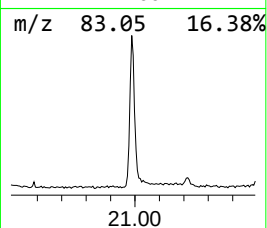
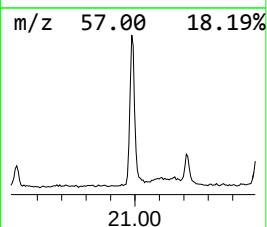
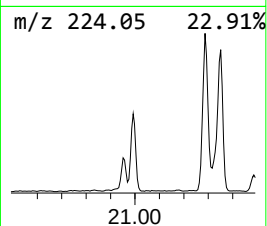
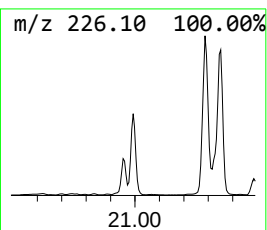
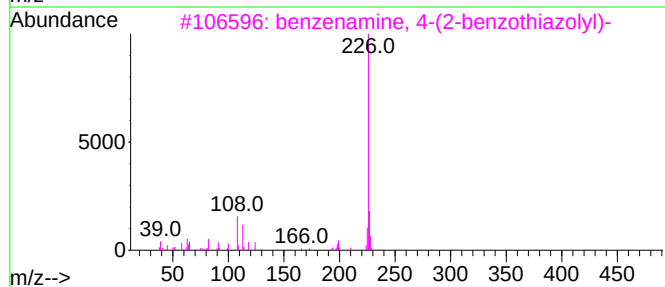
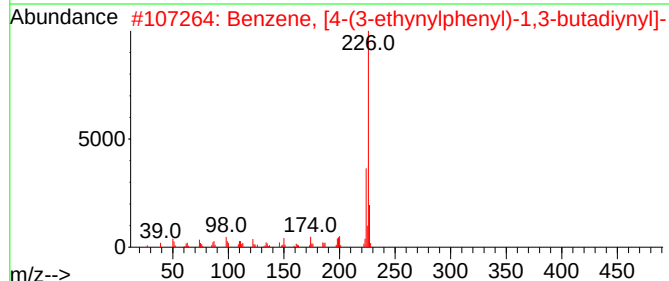
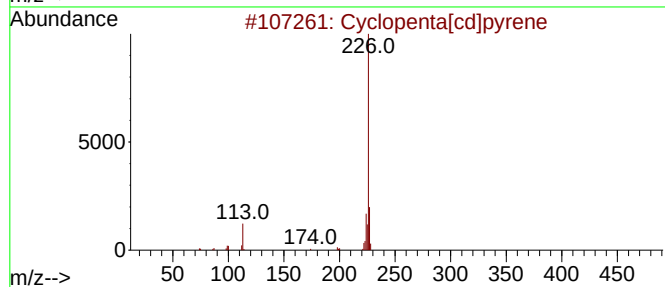
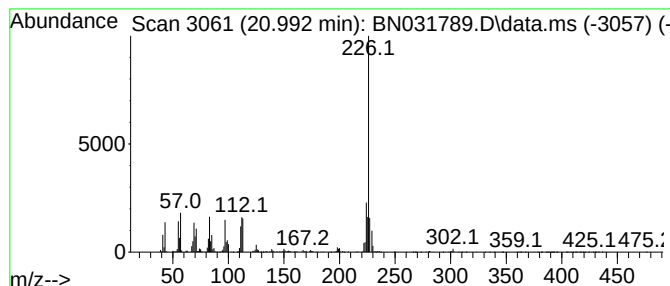
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	3.38 ng/ul	3050660	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
3			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40
4			3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	38
5			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

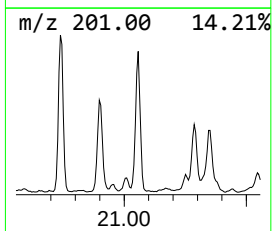
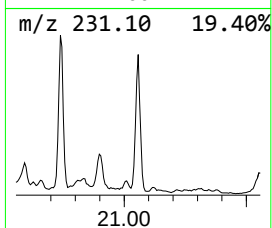
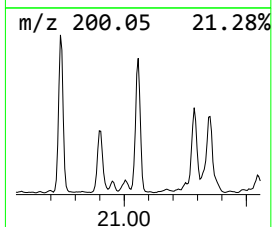
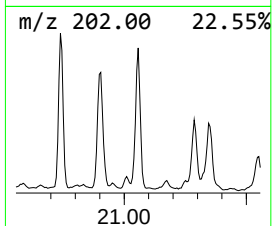
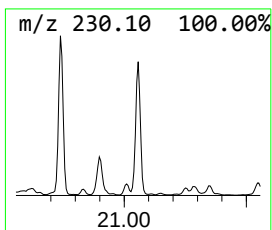
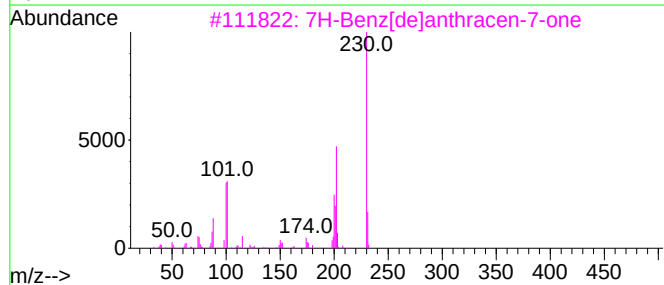
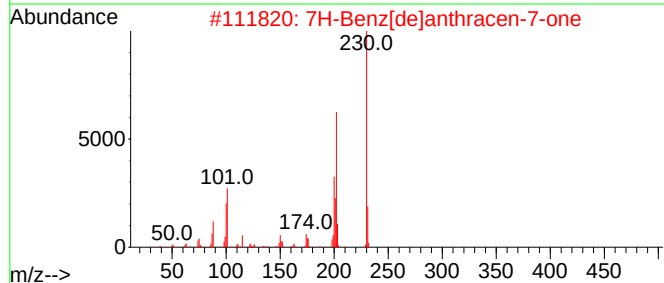
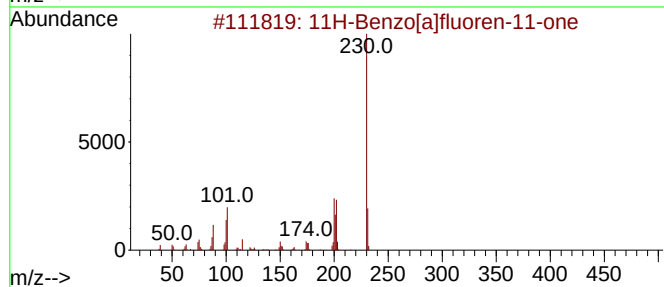
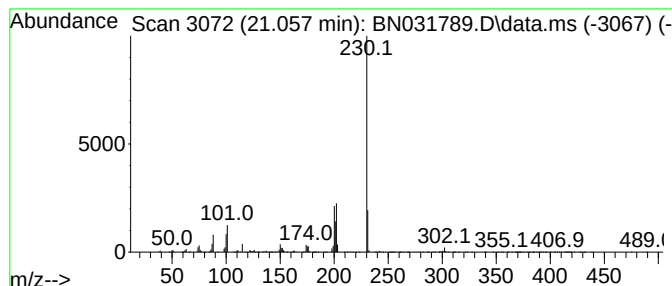
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.057	4.06 ng/ul	3671520	Chrysene-d12		21.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	97
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	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 04 Jun 2024 23:28
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Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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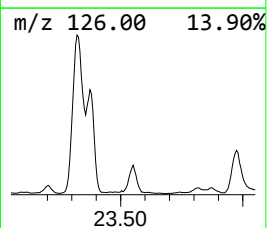
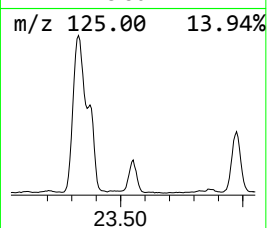
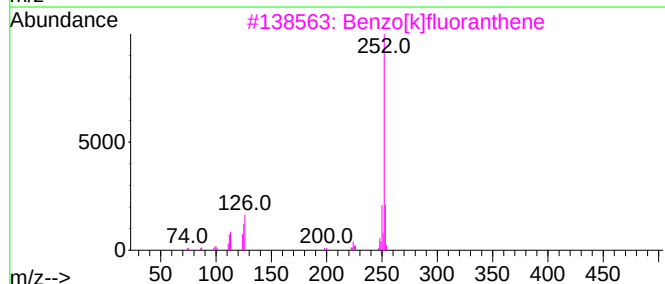
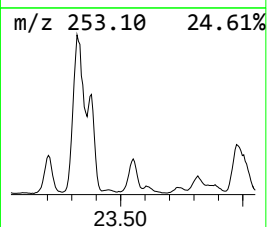
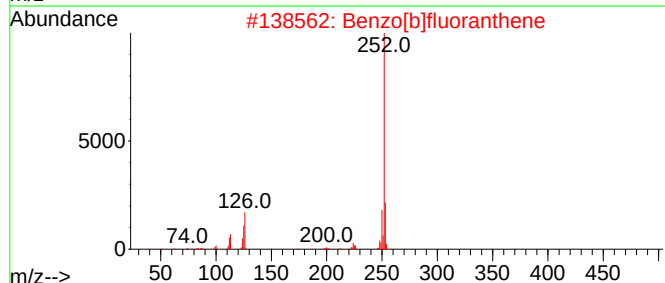
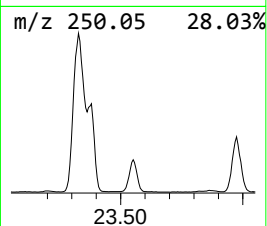
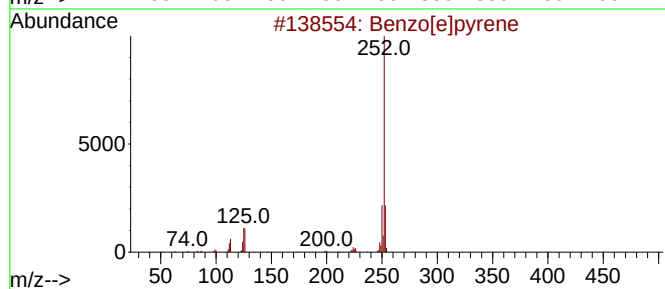
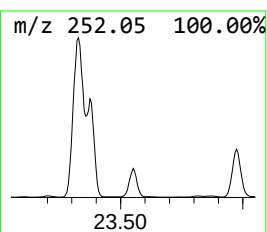
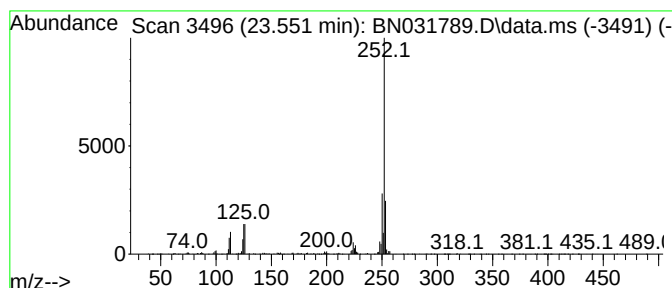
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	10.64 ng/ul	2215620	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4			Benzo[e]pyrene	252	C20H12	000192-97-2	96
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031789.D
Acq On : 04 Jun 2024 23:28
Operator : MA/JU
Sample : P2591-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ5

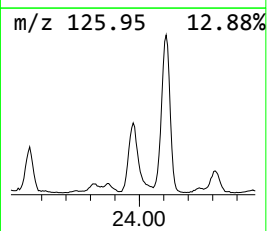
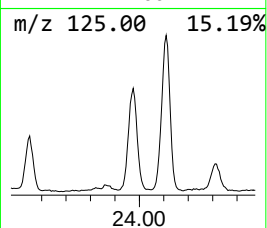
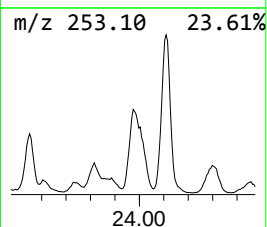
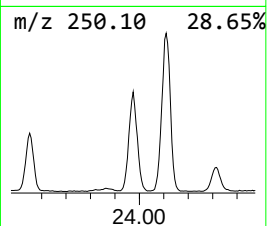
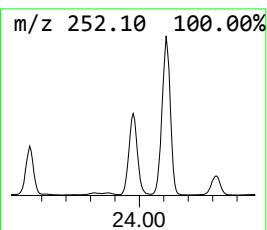
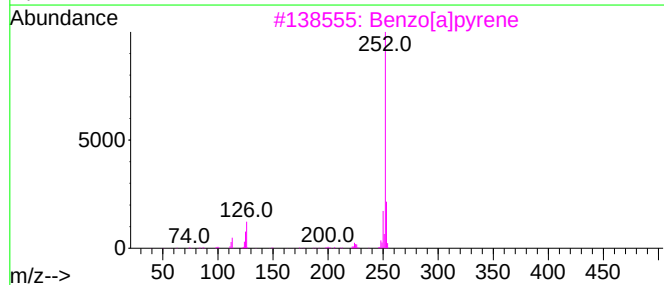
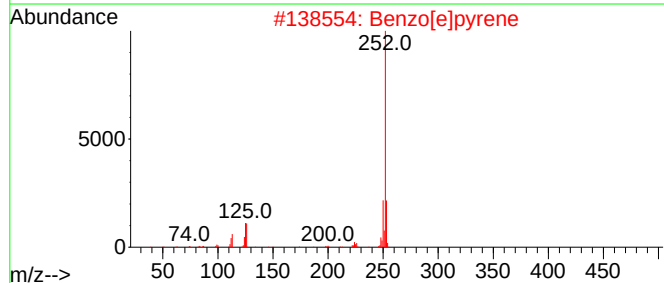
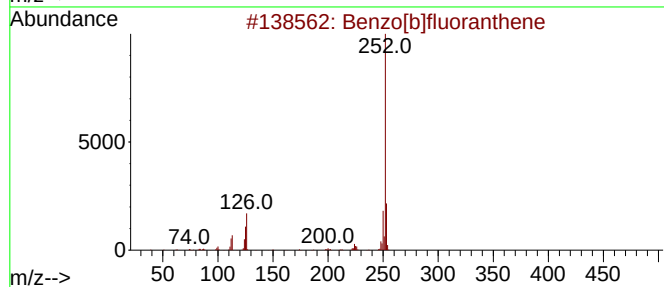
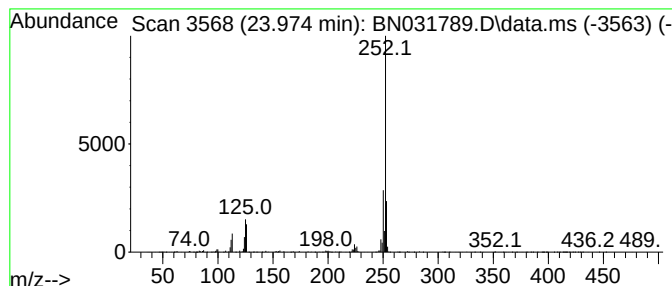
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	10.17 ng/ul	2118040	Perylene-d12	24.245

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ5

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
1-Phenoxypropan...	11.204	2.5	ng/ul	546917	2	10.463	4347950	20.0
[1,1'-Biphenyl]...	15.669	2.4	ng/ul	651489	3	14.322	5470070	20.0
2,4,6-Cyclohept...	15.810	3.3	ng/ul	902164	4	17.069	5416280	20.0
9H-Fluoren-9-one	16.728	8.9	ng/ul	2422260	4	17.069	5416280	20.0
4-(4-Methylphen...	16.798	2.1	ng/ul	559892	4	17.069	5416280	20.0
Dibenzothiophene	16.887	5.0	ng/ul	1353690	4	17.069	5416280	20.0
Anthrone	17.651	2.5	ng/ul	679732	4	17.069	5416280	20.0
Phenanthrene, 2...	17.945	9.0	ng/ul	2449410	4	17.069	5416280	20.0
Anthracene, 2-m...	17.992	14.3	ng/ul	3858290	4	17.069	5416280	20.0
Phenanthrene, 4...	18.075	3.2	ng/ul	870411	4	17.069	5416280	20.0
4H-Cyclopenta[d...	18.140	12.6	ng/ul	3419400	4	17.069	5416280	20.0
Phenanthrene, 1...	18.175	4.0	ng/ul	1095110	4	17.069	5416280	20.0
6-Phenylbenzocy...	18.451	6.1	ng/ul	1646740	4	17.069	5416280	20.0
9,10-Anthracene...	18.492	7.5	ng/ul	2029400	4	17.069	5416280	20.0
Phenanthrene, 2...	18.869	5.0	ng/ul	1362630	4	17.069	5416280	20.0
Cyclopenta(def)...	19.010	7.6	ng/ul	2060910	4	17.069	5416280	20.0
Pyrene, 1-methyl-	19.822	2.8	ng/ul	2545370	5	21.304	18064300	20.0
Fluoranthene, 2...	20.151	2.6	ng/ul	2327910	5	21.304	18064300	20.0
11H-Benzo[a]flu...	20.739	4.1	ng/ul	3737430	5	21.304	18064300	20.0
Benzo[b]naphtho...	20.910	2.8	ng/ul	2525770	5	21.304	18064300	20.0
Cyclopenta[cd]p...	20.992	3.4	ng/ul	3050660	5	21.304	18064300	20.0
7H-Benz[de]anth...	21.057	4.1	ng/ul	3671520	5	21.304	18064300	20.0
Benzo[e]pyrene	23.551	10.6	ng/ul	2215620	6	24.245	4164190	20.0
unknown-01	23.974	10.2	ng/ul	2118040	6	24.245	4164190	20.0