

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031781.D
 Acq On : 04 Jun 2024 18:12
 Operator : MA/JU
 Sample : P2591-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ2

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: BN031781.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.081	1199	1206	1216	rVB	2133363	3606003	2.30%	0.161%
2	10.463	1261	1271	1275	rBV	2713537	5068276	3.23%	0.226%
3	10.516	1275	1280	1287	rVV	8709997	14949662	9.52%	0.666%
4	12.128	1547	1554	1561	rVB	5411786	8925964	5.68%	0.398%
5	12.351	1582	1592	1602	rVB	4831633	7939967	5.06%	0.354%
6	13.640	1803	1811	1816	rVV	4106504	7515205	4.78%	0.335%
7	13.693	1816	1820	1824	rVV	2723411	3867829	2.46%	0.172%
8	13.734	1824	1827	1833	rVB	2926819	4154710	2.65%	0.185%
9	13.875	1842	1851	1855	rBV	2196860	3718106	2.37%	0.166%
10	14.016	1869	1875	1877	rVV	3742754	6090995	3.88%	0.271%
11	14.045	1877	1880	1894	rVB	3458144	5160515	3.29%	0.230%
12	14.322	1918	1927	1932	rVV2	3869174	8286552	5.28%	0.369%
13	14.387	1932	1938	1946	rVV	14399105	24414398	15.54%	1.088%
14	14.540	1956	1964	1971	rBV3	1352572	3615249	2.30%	0.161%
15	14.728	1989	1996	2003	rVV	14700687	24105198	15.35%	1.074%
16	15.316	2089	2096	2100	rVV2	4514486	7775149	4.95%	0.346%
17	15.375	2100	2106	2117	rVB	14751463	24724381	15.74%	1.102%
18	15.534	2130	2133	2138	rVV	2708436	4112246	2.62%	0.183%
19	15.669	2151	2156	2166	rVB	7145693	10816019	6.89%	0.482%
20	15.816	2171	2181	2189	rVV	7911365	16722884	10.65%	0.745%
21	16.045	2213	2220	2227	rVB4	2459275	5128786	3.27%	0.229%
22	16.357	2265	2273	2274	rVV	2761841	4720897	3.01%	0.210%
23	16.375	2274	2276	2281	rVV2	3810387	6148800	3.91%	0.274%
24	16.604	2311	2315	2319	rBV	2766013	3767186	2.40%	0.168%
25	16.751	2332	2340	2345	rVB	16547171	30380886	19.34%	1.354%
26	16.804	2345	2349	2356	rVV	3726875	7247093	4.61%	0.323%
27	16.892	2356	2364	2375	rVB	12504995	22069791	14.05%	0.983%
28	17.163	2388	2410	2413	rBV2	35374827	129502308	82.45%	5.770%
29	17.192	2413	2415	2417	rVV2	7642670	9662111	6.15%	0.430%
30	17.234	2417	2422	2425	rVV2	24424048	44020369	28.03%	1.961%
31	17.275	2425	2429	2433	rVB	4468138	6910180	4.40%	0.308%
32	17.492	2454	2466	2478	rBV2	19780441	47084157	29.98%	2.098%
33	17.592	2478	2483	2489	rVV3	4777978	8847660	5.63%	0.394%
34	17.663	2489	2495	2502	rVB5	5366791	11171746	7.11%	0.498%
35	17.957	2535	2545	2548	rBV2	16948679	30205686	19.23%	1.346%
36	18.004	2548	2553	2559	rVB	20844009	37752379	24.04%	1.682%

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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

37	18.086	2559	2567	2572	rBV	9292840	15343933	9.77%	0.684%
38	18.151	2572	2578	2582	rBV2	19725723	42110774	26.81%	1.876%
39	18.186	2582	2584	2590	rVB	13094977	15977071	10.17%	0.712%
40	18.257	2590	2596	2600	rBV3	3750890	6483061	4.13%	0.289%
41	18.304	2600	2604	2608	rVV2	3654121	5143338	3.27%	0.229%
42	18.457	2625	2630	2635	rVV	14793935	22475704	14.31%	1.001%
43	18.522	2635	2641	2646	rVV	16106807	28007118	17.83%	1.248%
44	18.698	2664	2671	2675	rBV3	4857905	8466062	5.39%	0.377%
45	18.751	2676	2680	2683	rVB	5217994	6297944	4.01%	0.281%
46	18.792	2683	2687	2694	rVB2	4396685	6570496	4.18%	0.293%
47	18.875	2695	2701	2706	rBV	8452423	16242301	10.34%	0.724%
48	18.939	2706	2712	2721	rVB3	7266438	17678248	11.26%	0.788%
49	19.057	2722	2732	2740	rVB	14293554	32337593	20.59%	1.441%
50	19.198	2740	2756	2759	rBV3	34883122	137657931	87.65%	6.133%
51	19.251	2762	2765	2771	rVB2	5661220	8649508	5.51%	0.385%
52	19.392	2779	2789	2793	rBV3	10780291	22693954	14.45%	1.011%
53	19.533	2802	2813	2814	rBV3	30616637	79888297	50.87%	3.559%
54	19.586	2820	2822	2828	rVB2	12225543	13822569	8.80%	0.616%
55	19.698	2834	2841	2845	rBV	12568236	20850834	13.28%	0.929%
56	19.763	2845	2852	2856	rVB	13955879	23368599	14.88%	1.041%
57	19.833	2857	2864	2865	rBV2	12791898	21462221	13.67%	0.956%
58	19.969	2881	2887	2891	rBV3	11984893	27455276	17.48%	1.223%
59	20.010	2891	2894	2898	rVB	13448547	17972884	11.44%	0.801%
60	20.051	2898	2901	2906	rBV2	3031124	4925449	3.14%	0.219%
61	20.104	2906	2910	2914	rBV	5266347	7186949	4.58%	0.320%
62	20.163	2914	2920	2924	rBV2	14104914	30084240	19.15%	1.340%
63	20.204	2924	2927	2930	rVB	5853945	6908317	4.40%	0.308%
64	20.245	2930	2934	2939	rVB2	4667202	6340020	4.04%	0.282%
65	20.304	2939	2944	2947	rBV	8510487	11968359	7.62%	0.533%
66	20.351	2947	2952	2955	rVV2	8120549	10684281	6.80%	0.476%
67	20.557	2983	2987	2989	rBV3	2352516	4063096	2.59%	0.181%
68	20.775	3016	3024	3030	rVB	19444722	37892168	24.13%	1.688%
69	20.933	3043	3051	3054	rBV	19304300	37726256	24.02%	1.681%
70	20.975	3054	3058	3061	rVV	14462241	25291164	16.10%	1.127%
71	21.022	3061	3066	3070	rVV2	14653323	30198625	19.23%	1.345%
72	21.104	3073	3080	3087	rVB	18607629	41842809	26.64%	1.864%
73	21.192	3087	3095	3099	rBV	6342536	15494255	9.87%	0.690%
74	21.339	3106	3120	3126	rBV3	28213631	127299258	81.05%	5.672%
75	21.474	3139	3143	3147	rVB5	3143683	4528863	2.88%	0.202%
76	21.522	3147	3151	3157	rBV2	8879049	15796928	10.06%	0.704%

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Integration Parameters: LSCINT.P

Integrator: RTE
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77	21.586	3157	3162	3166	rVV3	6496127	14274229	9.09%	0.636%
78	21.651	3170	3173	3178	rVV	7657166	12441340	7.92%	0.554%
79	21.710	3178	3183	3189	rVB3	9718727	18313286	11.66%	0.816%
80	21.769	3189	3193	3197	rBV3	5479837	8821674	5.62%	0.393%
81	21.874	3207	3211	3216	rVB4	3158406	5223462	3.33%	0.233%
82	21.939	3216	3222	3226	rBV3	6834990	16467280	10.48%	0.734%
83	22.010	3228	3234	3239	rVV	13166070	29113670	18.54%	1.297%
84	22.074	3239	3245	3252	rVB2	8419393	18457811	11.75%	0.822%
85	22.257	3271	3276	3280	rBV2	7759567	15181731	9.67%	0.676%
86	22.380	3291	3297	3303	rBV3	5662289	11879930	7.56%	0.529%
87	22.645	3335	3342	3360	rVV8	6514720	24384650	15.53%	1.086%
88	22.933	3386	3391	3398	rBV5	1825222	4125560	2.63%	0.184%
89	23.033	3399	3408	3414	rBV2	9254965	24583072	15.65%	1.095%
90	23.251	3439	3445	3454	rVB5	2637434	8092447	5.15%	0.361%
91	23.445	3455	3478	3483	rBV4	24550411	157058837	100.00%	6.997%
92	23.533	3489	3493	3500	rVB2	4686938	9608242	6.12%	0.428%
93	23.627	3500	3509	3514	rBV	12537131	28691617	18.27%	1.278%
94	23.792	3530	3537	3539	rBV	4729056	10304399	6.56%	0.459%
95	24.063	3571	3583	3595	rVV3	12894718	56328811	35.86%	2.510%
96	24.227	3596	3611	3619	rVB3	19086644	78475710	49.97%	3.496%
97	24.392	3632	3639	3651	rVB4	7806657	28126786	17.91%	1.253%
98	25.092	3754	3758	3773	rVB4	2613445	8908564	5.67%	0.397%
99	27.892	4227	4234	4253	rVB	3994343	14370199	9.15%	0.640%
100	28.127	4260	4274	4284	rBV3	5654017	25927168	16.51%	1.155%

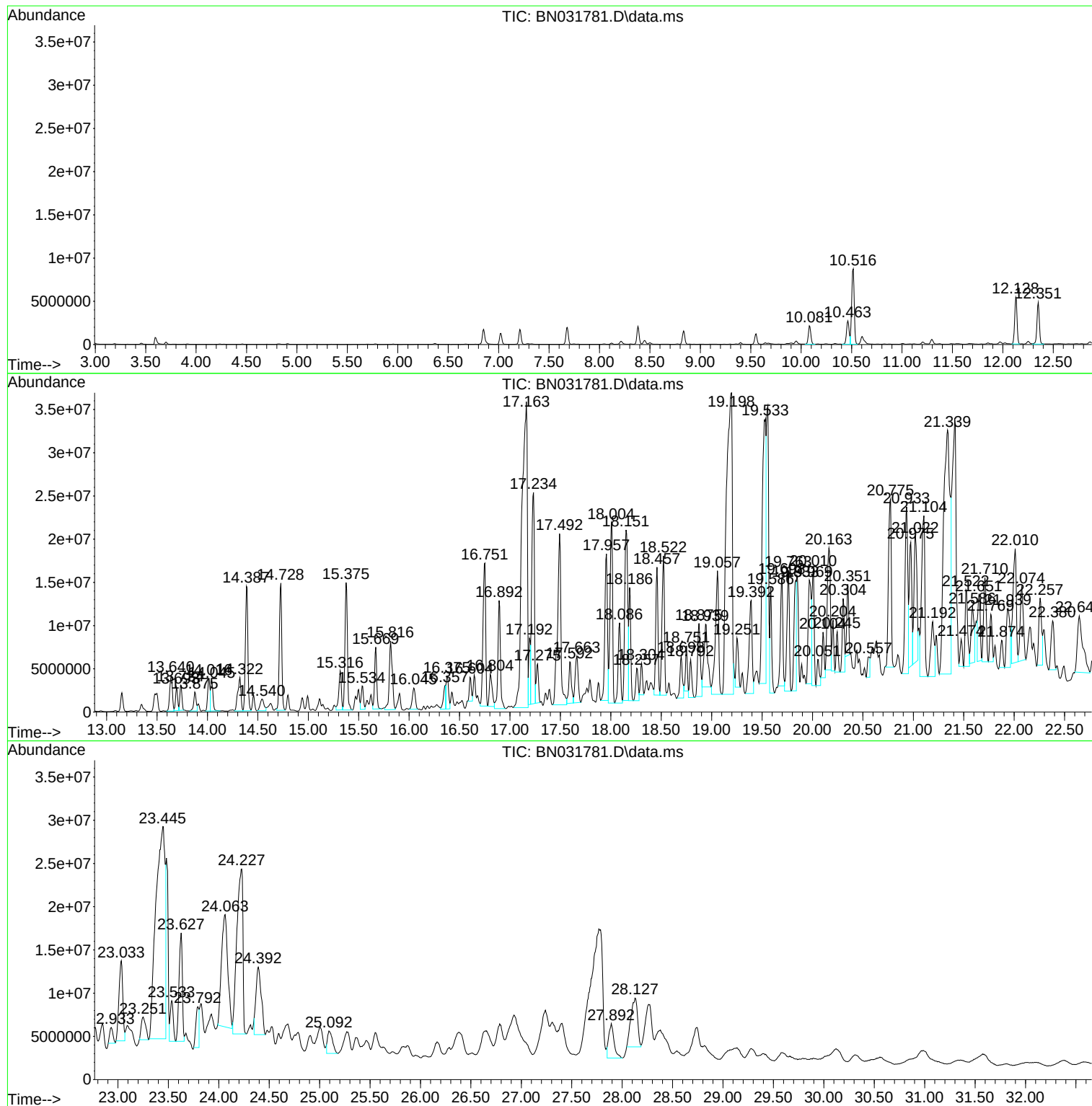
Sum of corrected areas: 2244536571

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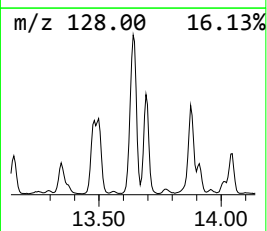
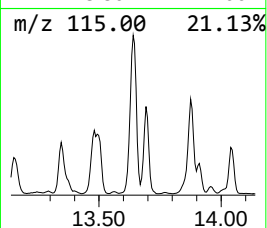
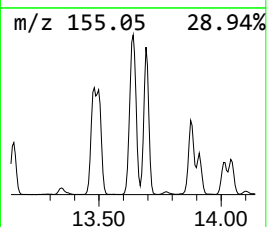
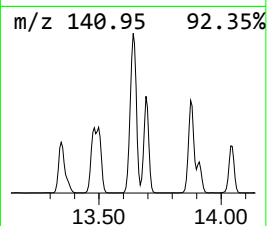
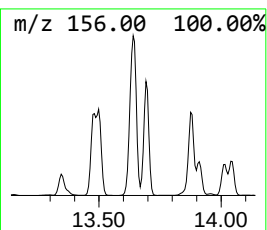
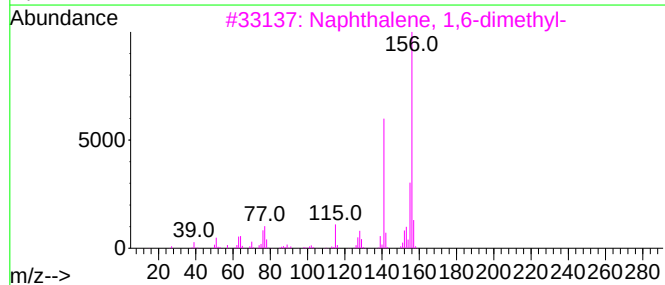
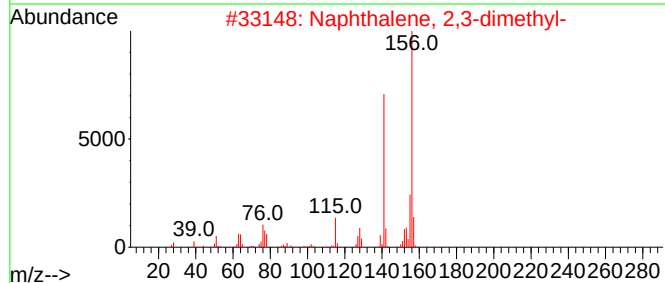
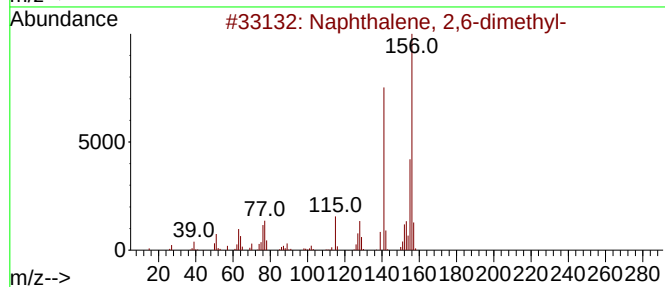
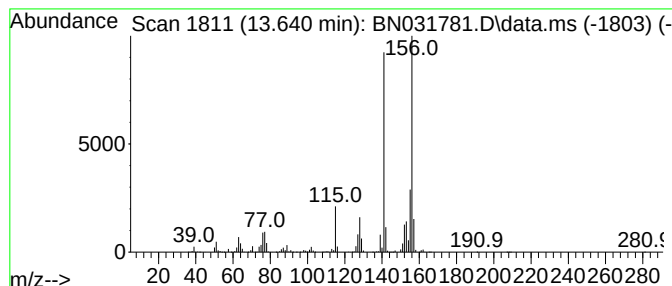
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	18.14 ng/ul	7515210	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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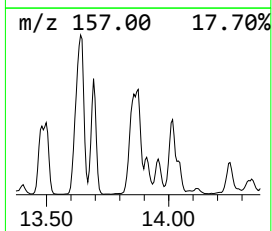
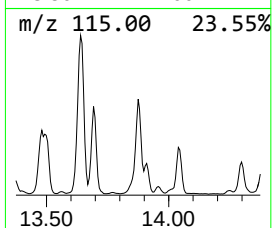
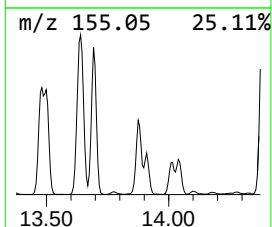
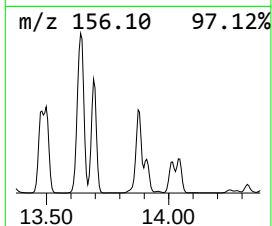
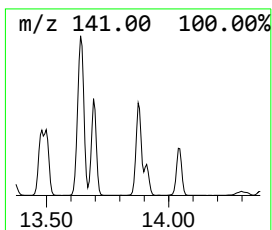
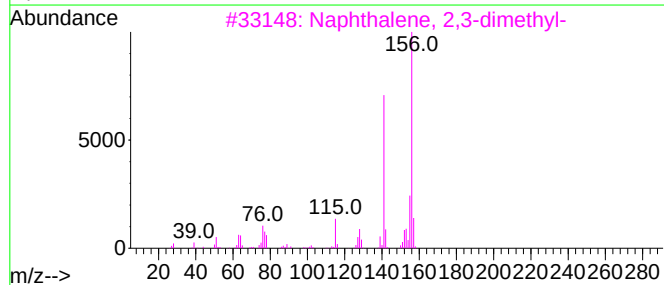
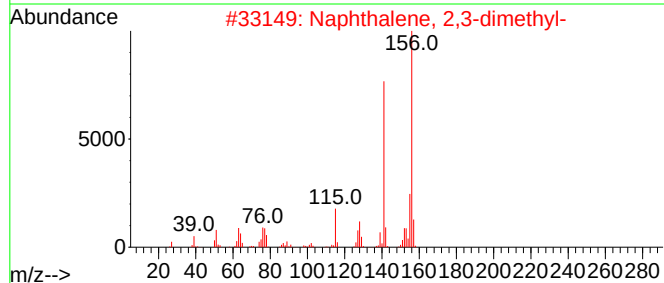
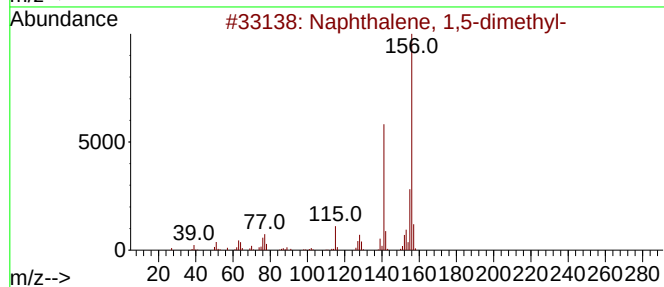
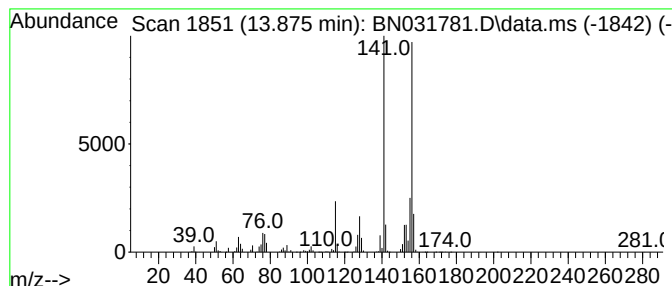
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.875	8.97 ng/ul	3718110	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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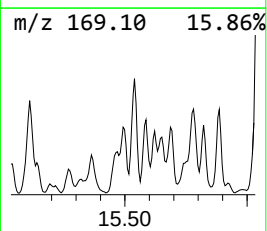
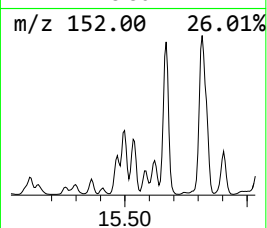
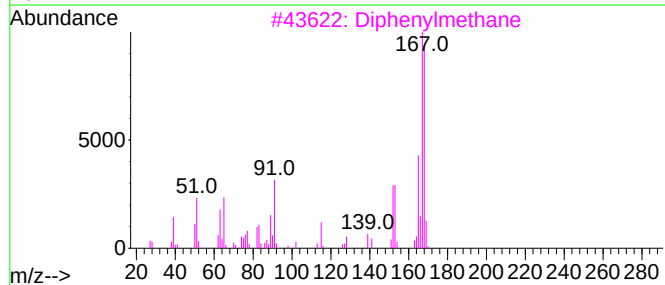
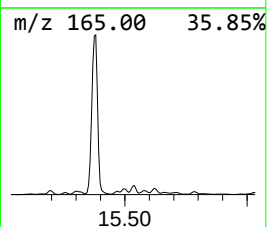
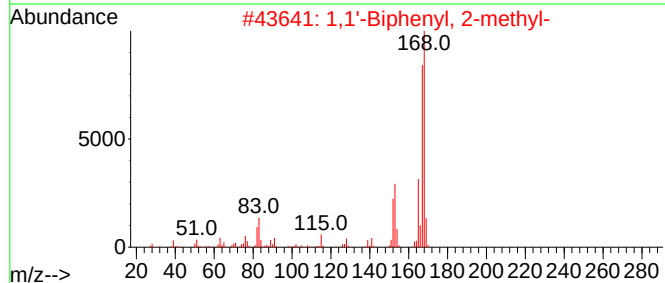
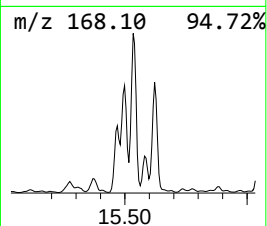
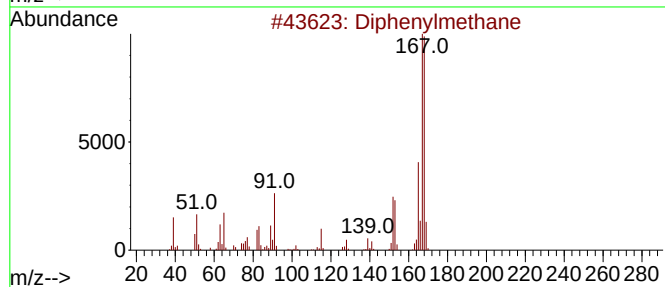
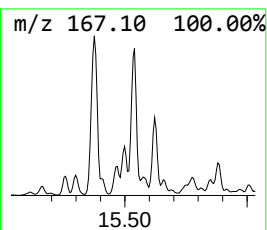
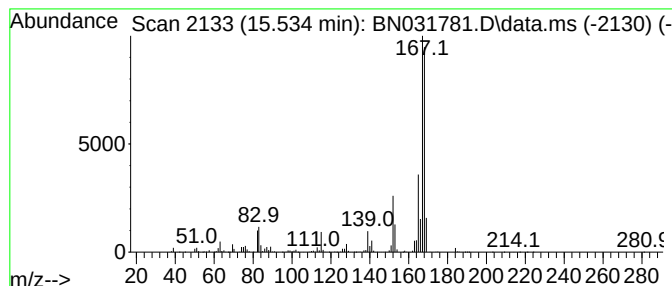
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Diphenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.534	9.93 ng/ul	4112250	Acenaphthene-d10	14.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenylmethane	168	C13H12	000101-81-5	91
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
3		Diphenylmethane	168	C13H12	000101-81-5	87
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87
5		Nordiphenamid	225	C15H15NO	000954-21-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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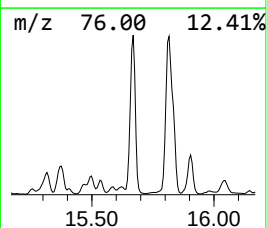
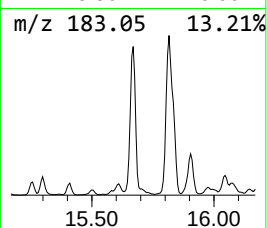
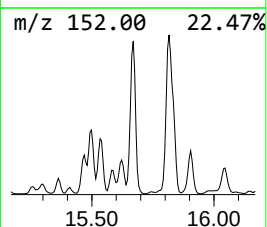
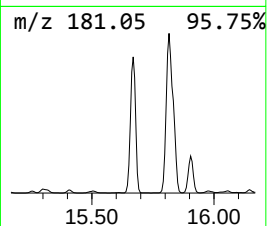
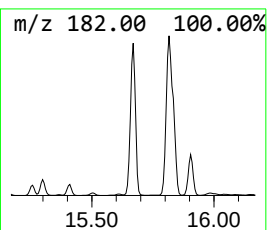
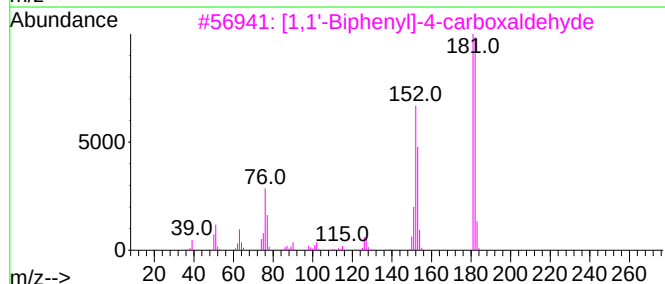
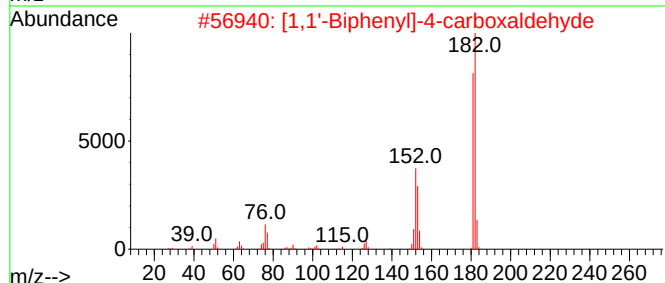
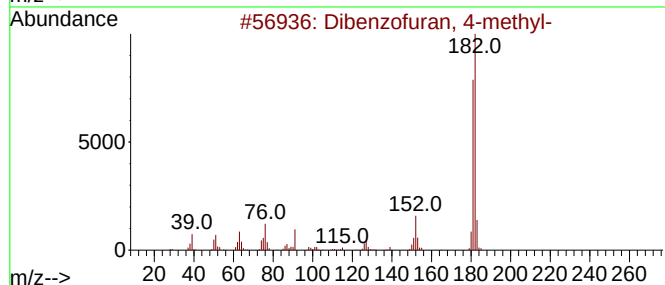
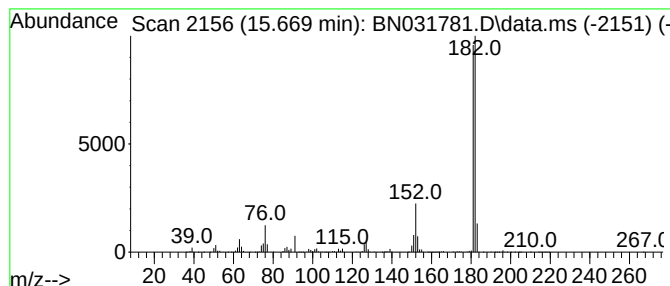
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	26.11 ng/ul	10816000	Acenaphthene-d10	14.322

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
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Sample : P2591-11
Misc :
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Instrument :
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ClientSampleId :
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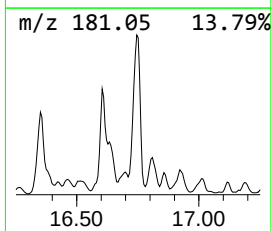
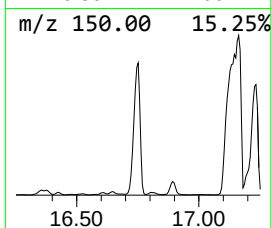
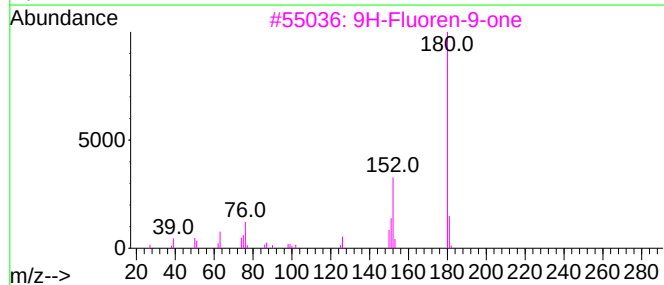
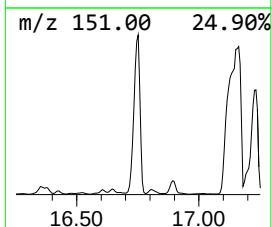
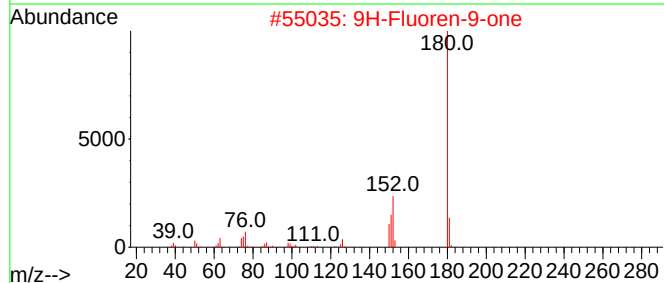
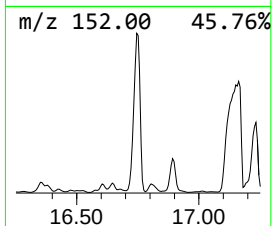
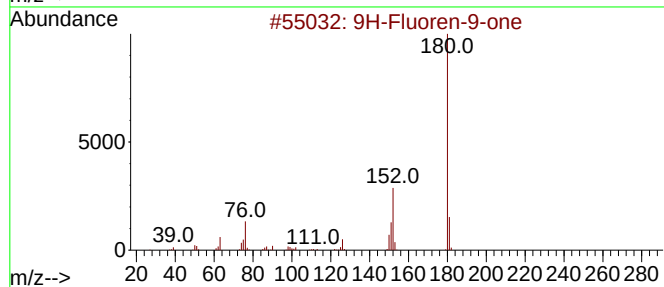
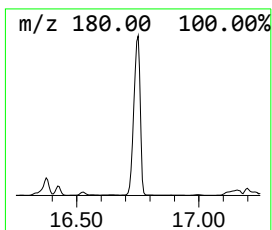
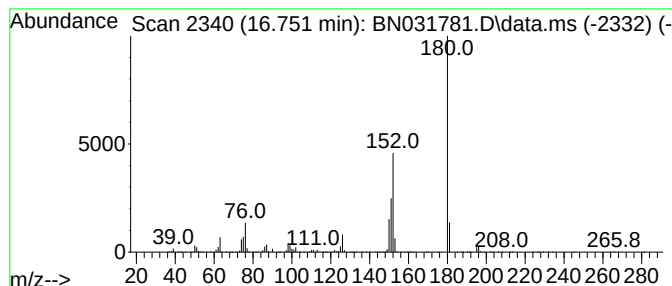
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	4.69 ng/ul	30380900	Phenanthrene-d10	17.087

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	96
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	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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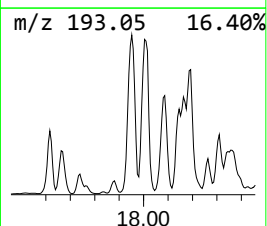
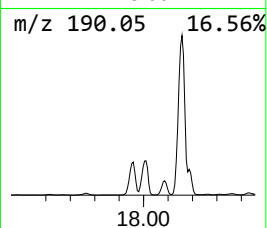
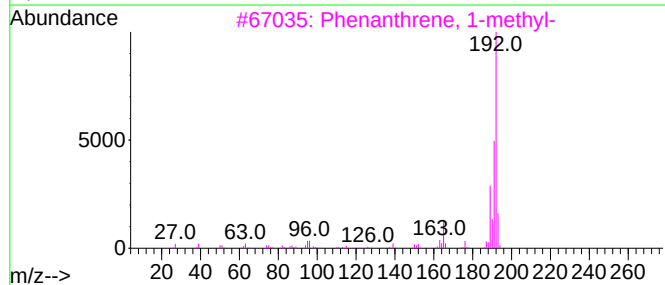
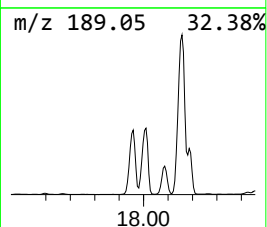
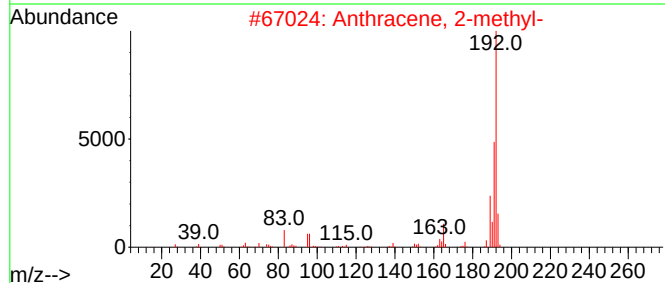
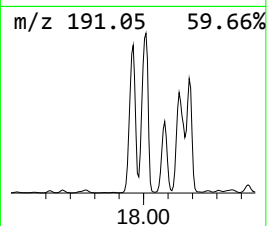
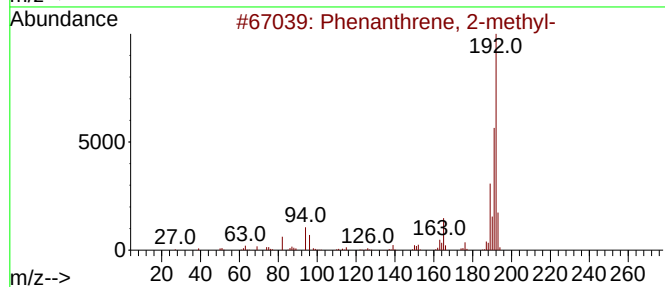
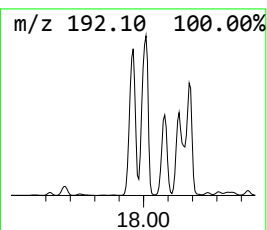
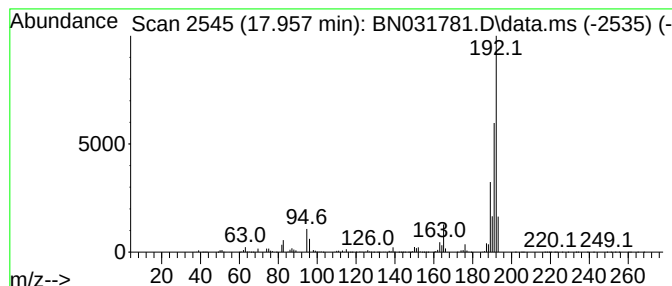
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	4.66 ng/ul	30205700	Phenanthrene-d10	17.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
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Sample : P2591-11
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Instrument :
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ClientSampleId :
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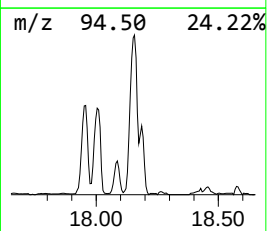
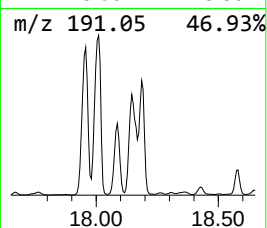
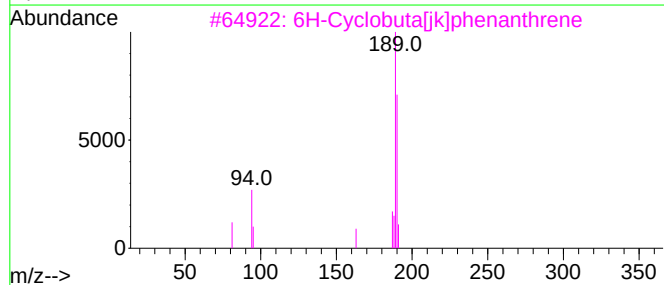
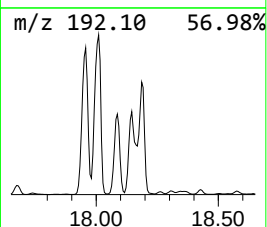
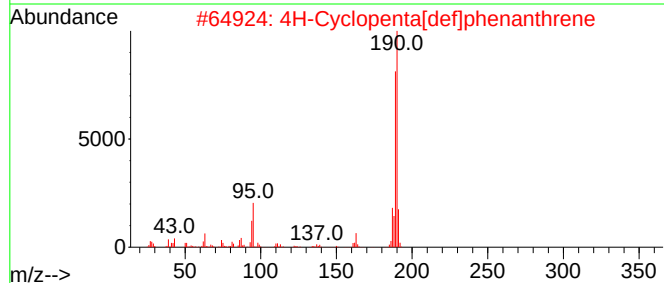
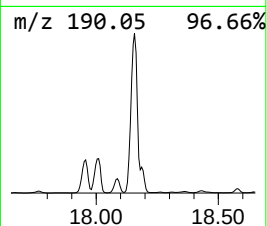
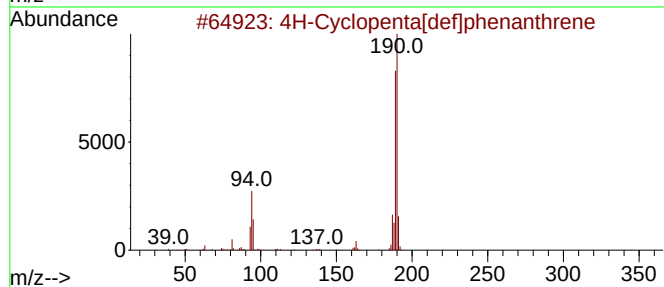
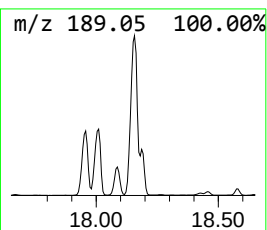
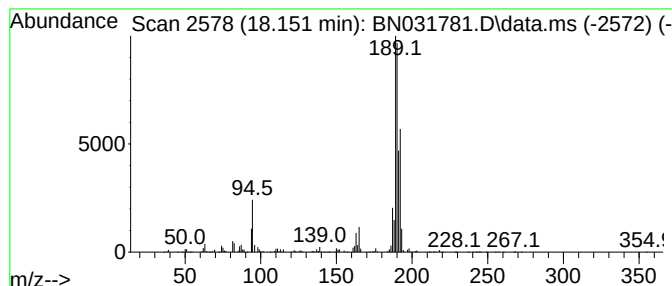
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	6.50 ng/ul	42110800	Phenanthrene-d10	17.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
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Sample : P2591-11
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Instrument :
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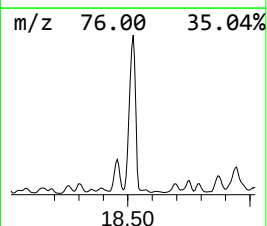
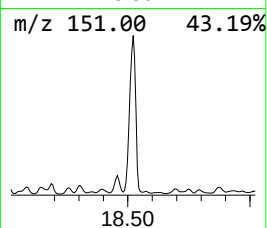
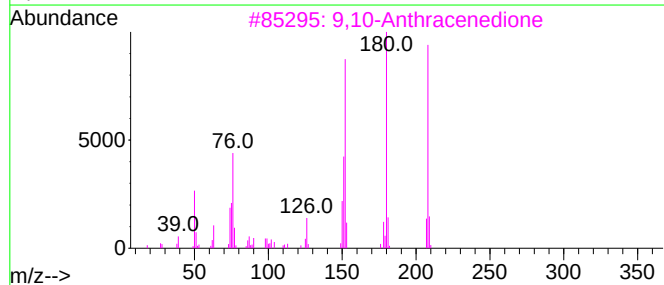
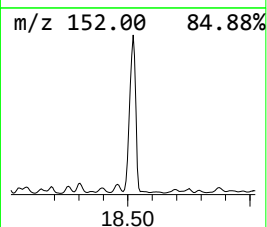
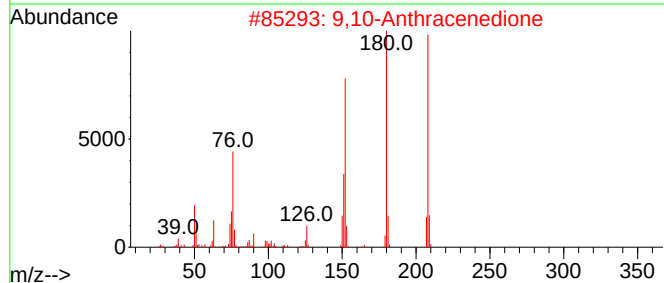
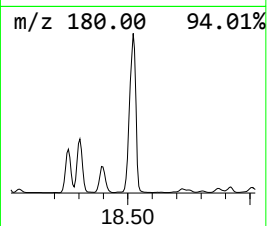
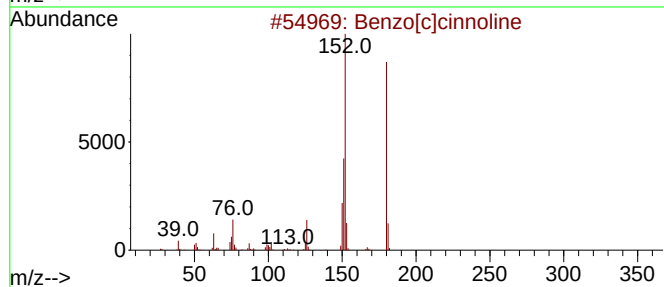
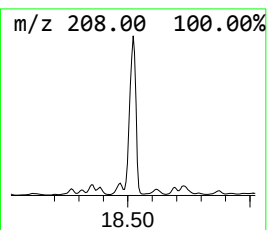
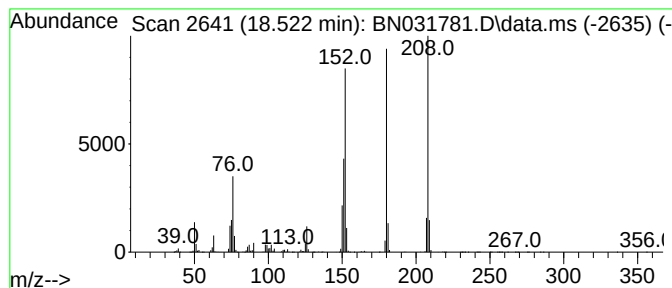
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzo[c]cinnoline Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	4.33 ng/ul	28007100	Phenanthrene-d10	17.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5			9,10-Anthracenedione	208	C14H8O2	000084-65-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
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ClientSampleId :
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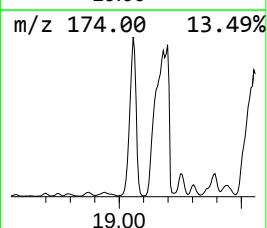
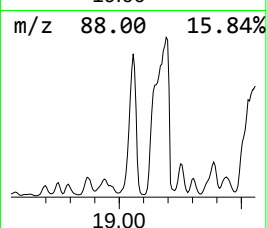
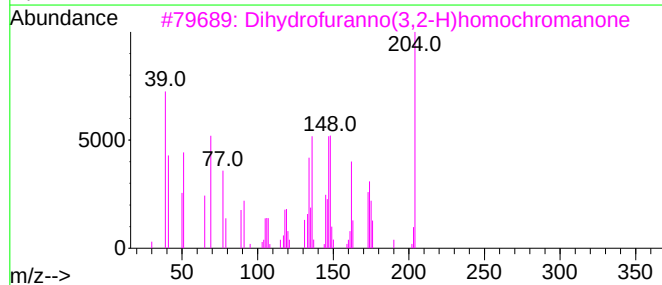
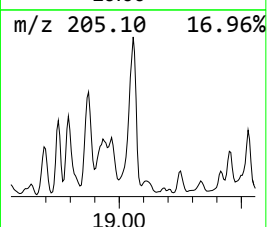
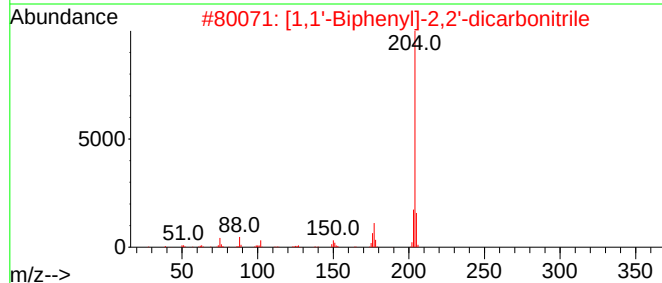
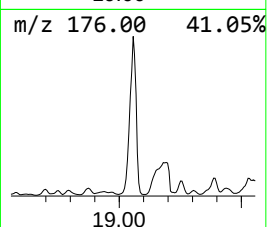
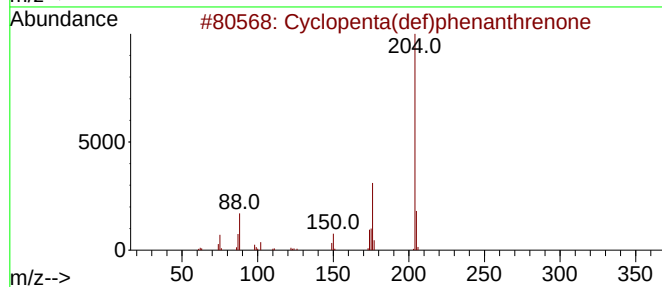
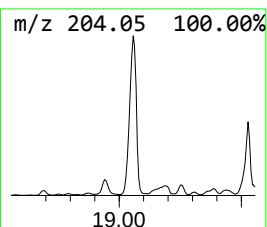
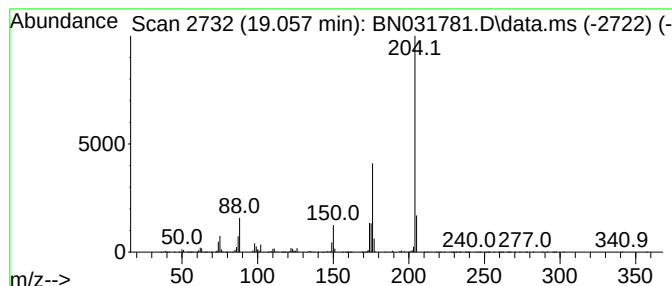
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	4.99 ng/ul	32337600	Phenanthrene-d10	17.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	97
2			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3			Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5			(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	39



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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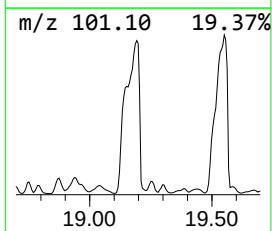
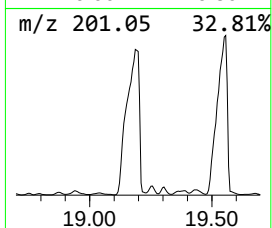
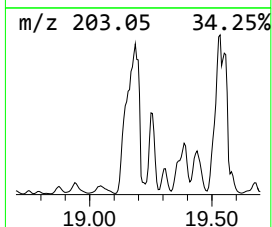
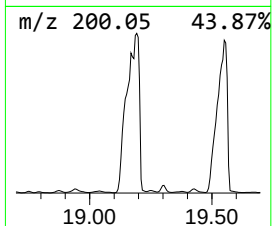
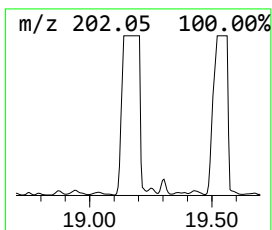
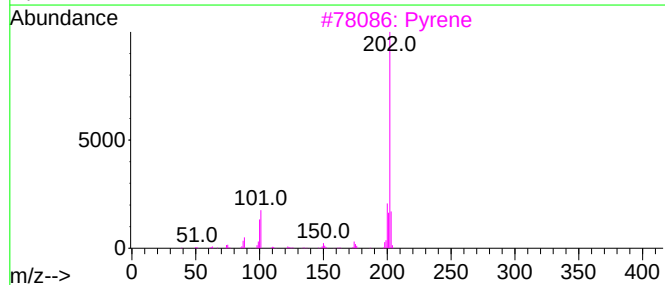
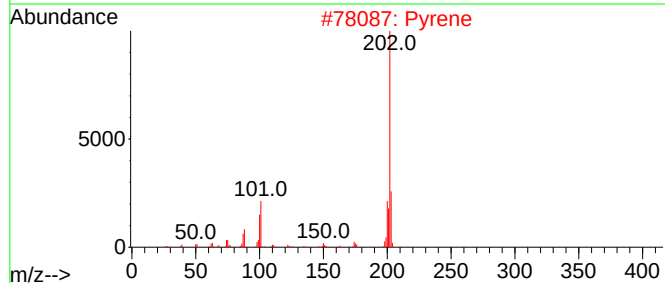
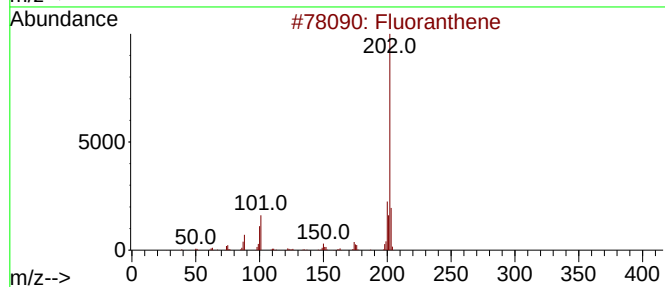
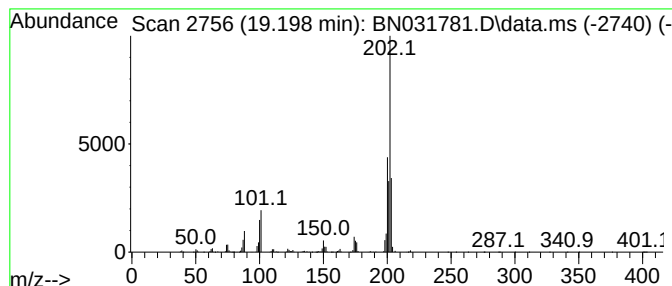
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	21.26 ng/ul	137658000	Phenanthrene-d10	17.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene	202	C16H10	000206-44-0	96
2			Pyrene	202	C16H10	000129-00-0	89
3			Pyrene	202	C16H10	000129-00-0	70
4			Fluoranthene	202	C16H10	000206-44-0	70
5			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

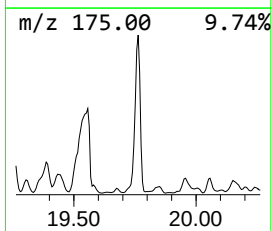
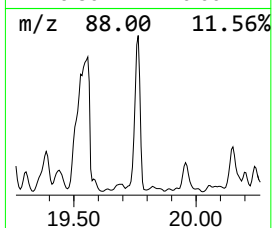
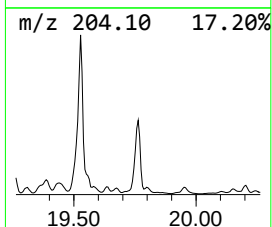
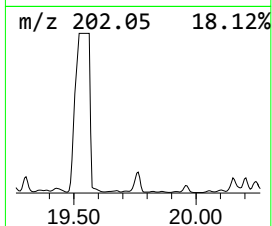
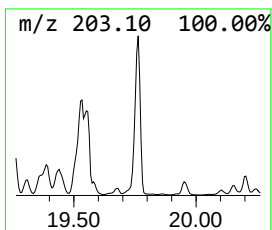
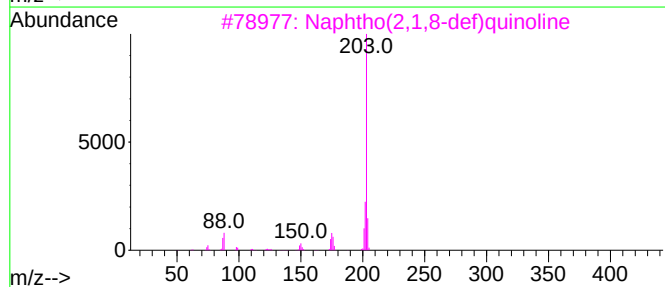
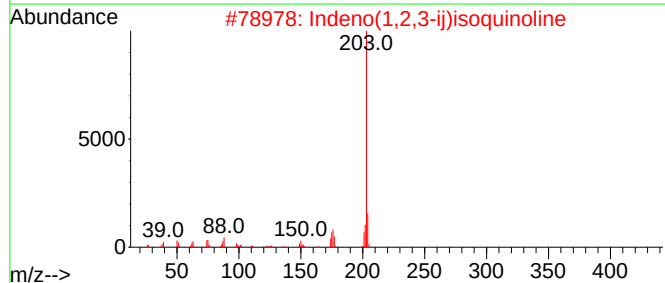
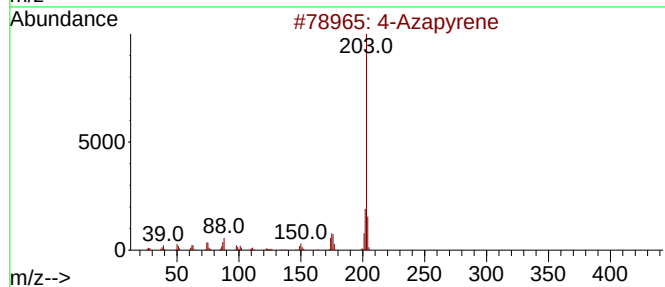
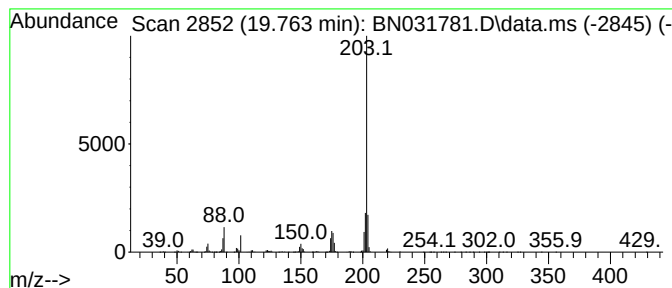
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 4-Azapyrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.763	3.67 ng/ul	23368600	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Azapyrene	203	C15H9N	000194-03-6	97
2			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
3			Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
4			Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96
5			Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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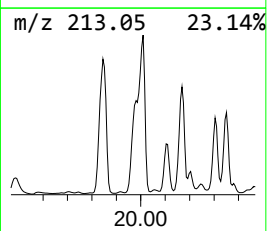
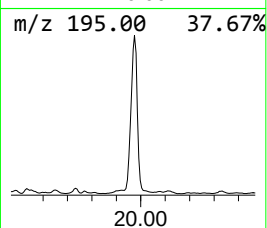
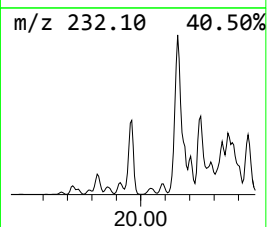
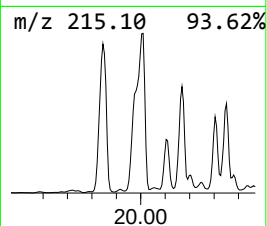
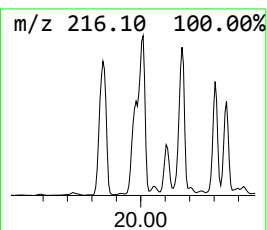
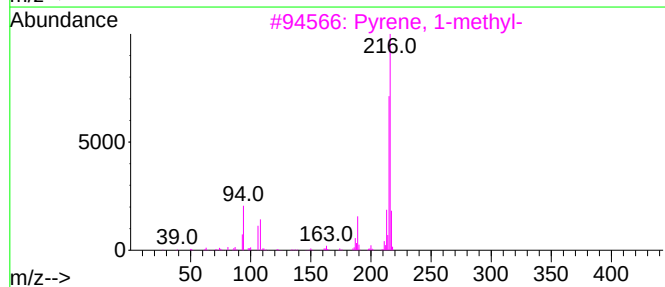
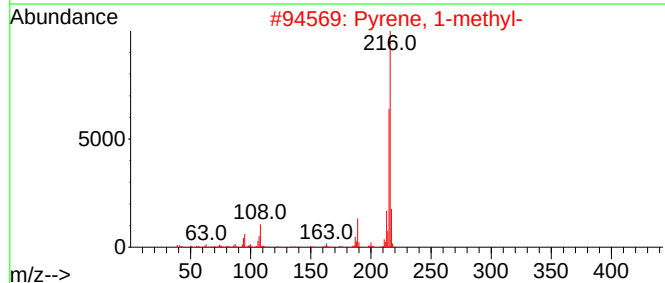
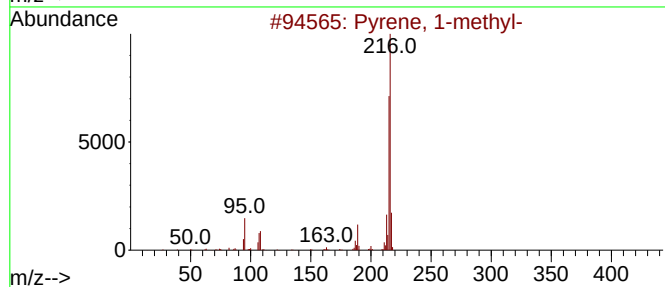
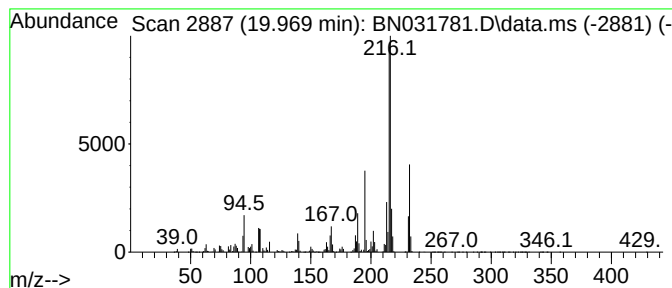
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.969	4.31 ng/ul	27455300	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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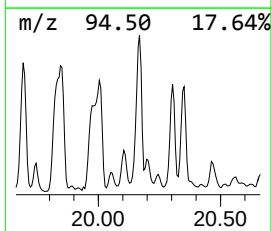
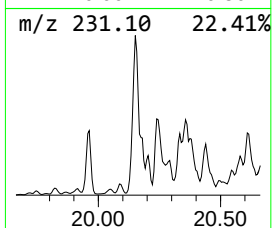
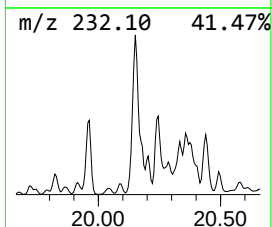
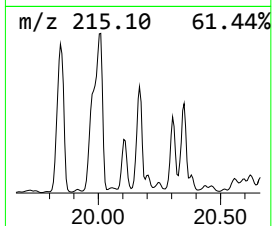
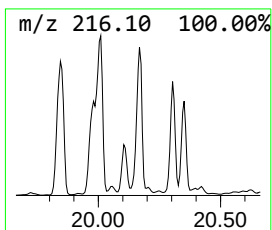
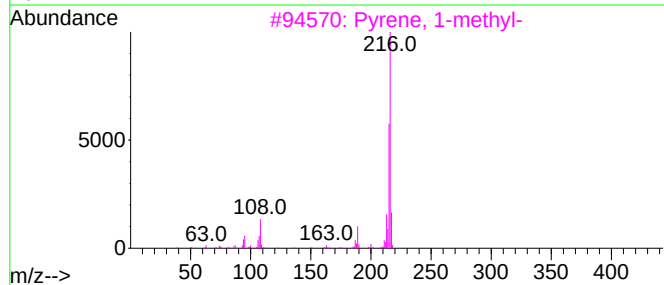
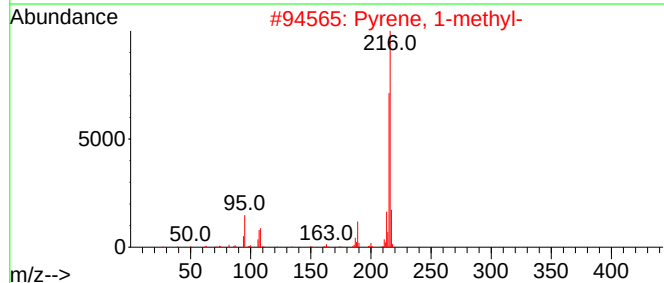
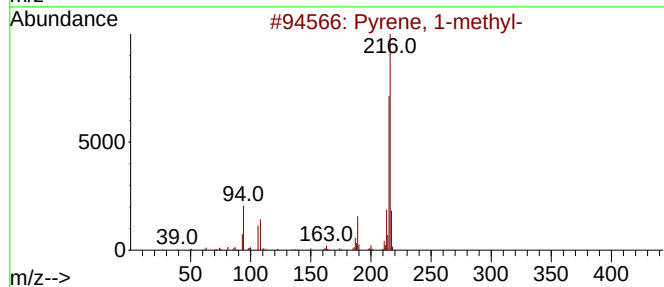
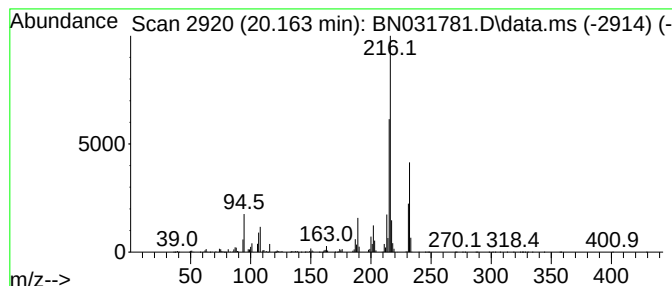
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Pyrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.163	4.73 ng/ul	30084200	Chrysene-d12	21.357

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	92
3	Pyrene, 1-methyl-		216	C17H12		002381-21-7	91
4	Pyrene, 1-methyl-		216	C17H12		002381-21-7	91
5	Pyrene, 2-methyl-		216	C17H12		003442-78-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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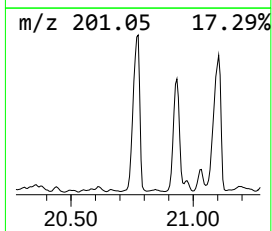
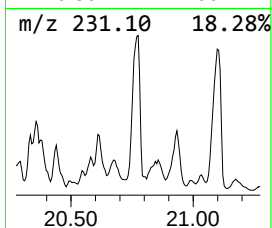
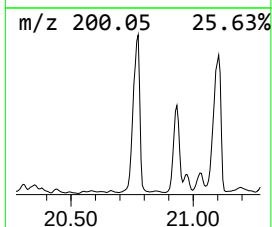
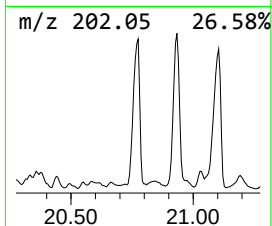
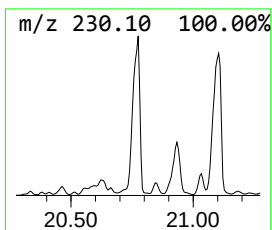
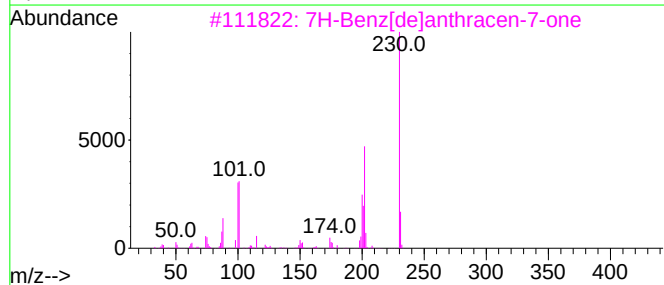
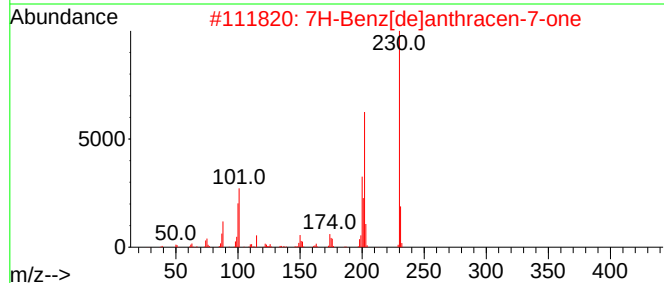
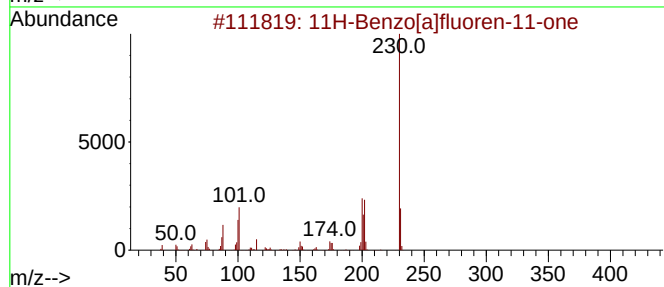
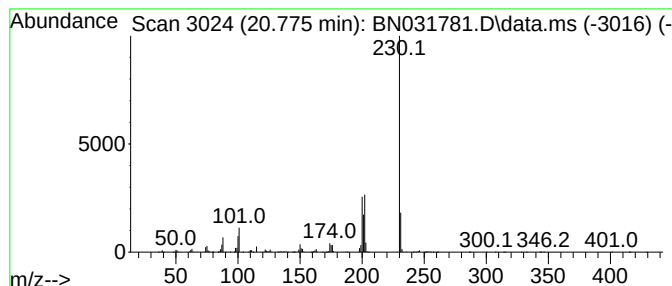
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.775	5.95 ng/ul	37892200	Chrysene-d12	21.357

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	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
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Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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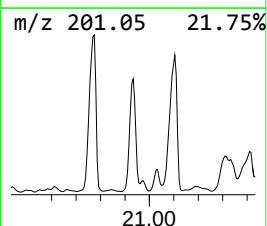
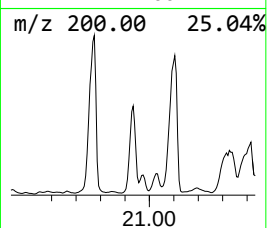
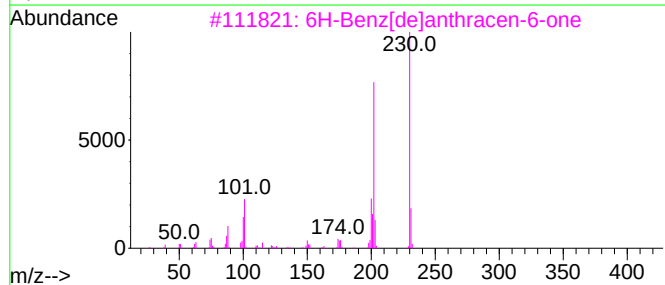
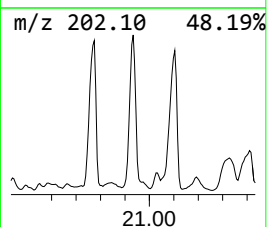
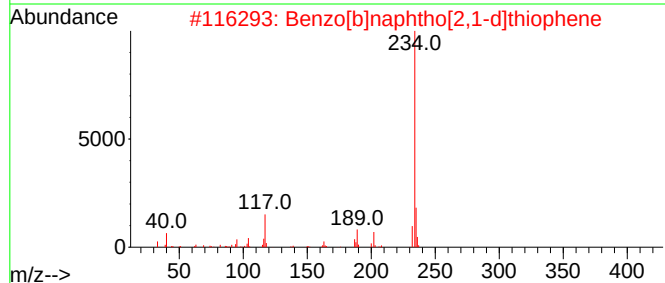
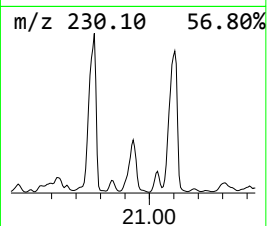
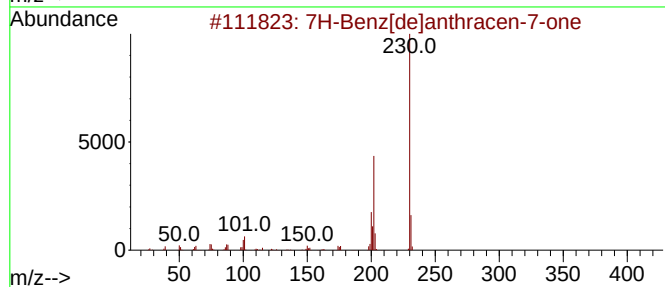
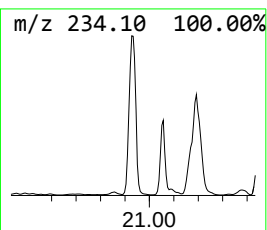
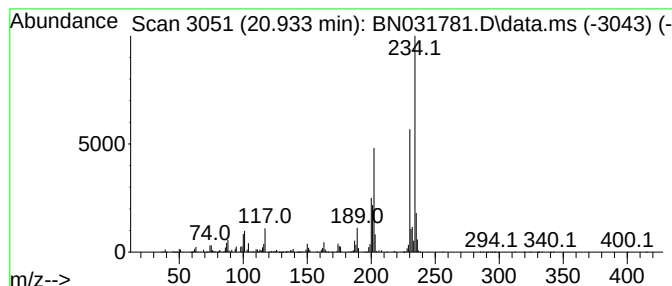
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	5.93 ng/ul	37726300	Chrysene-d12	21.357

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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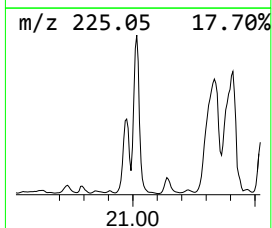
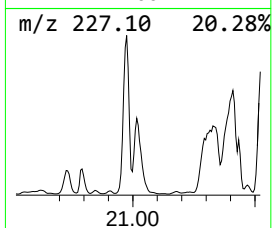
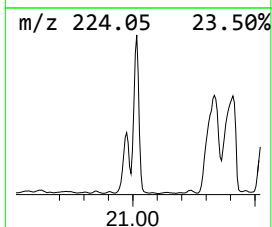
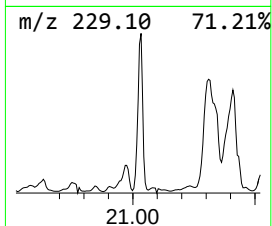
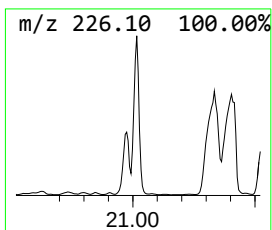
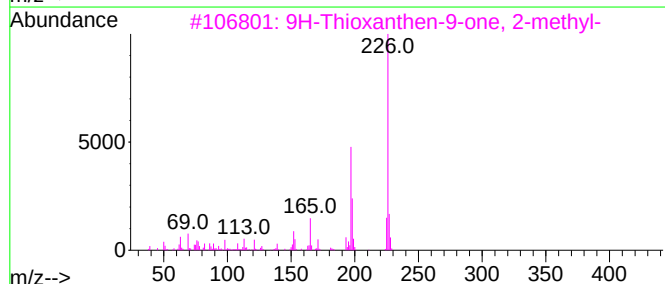
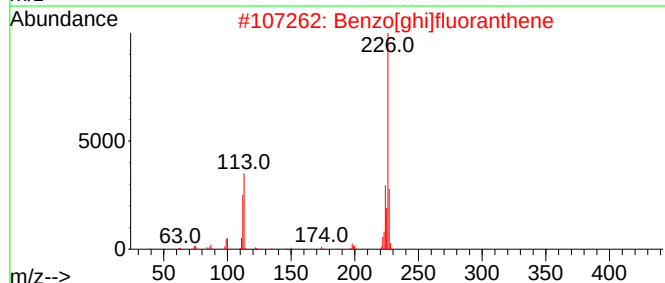
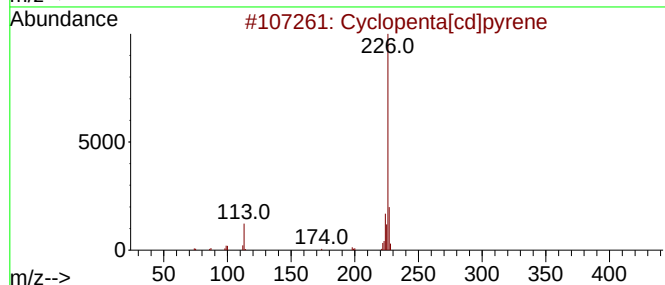
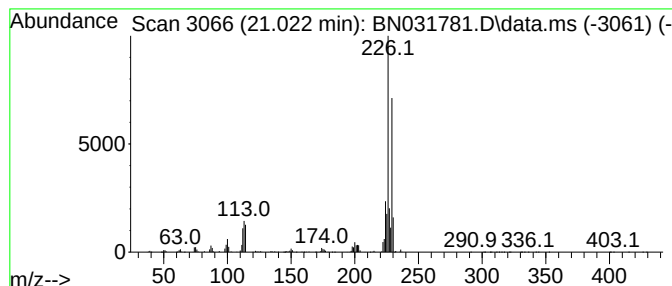
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Cyclopenta[cd]pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	4.74 ng/ul	30198600	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
3			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	46
4			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	43
5			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

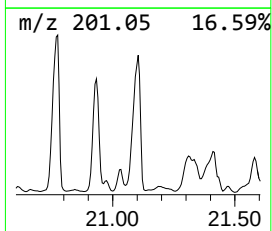
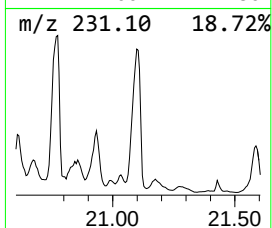
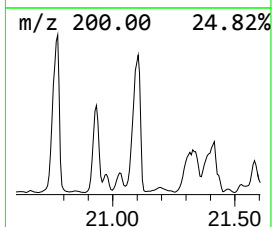
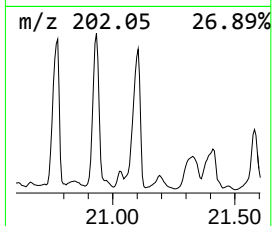
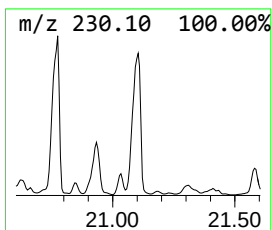
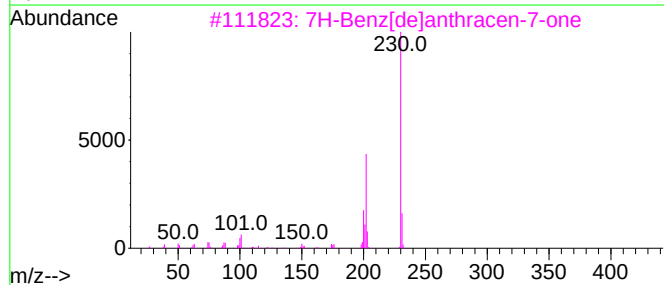
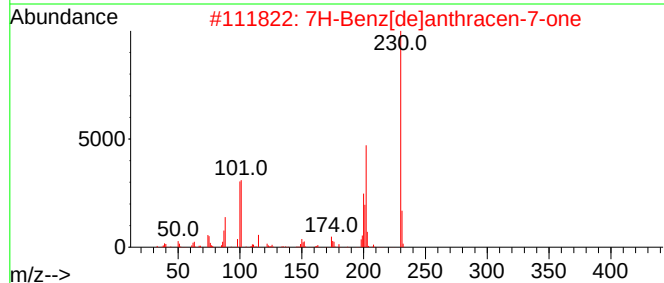
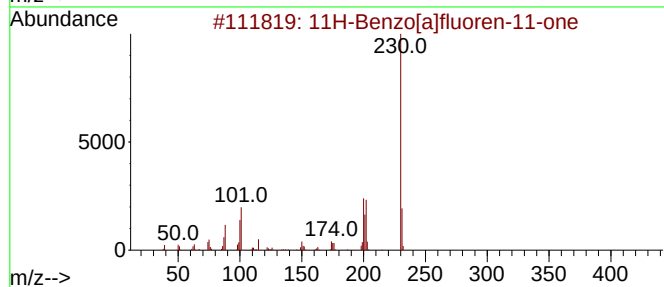
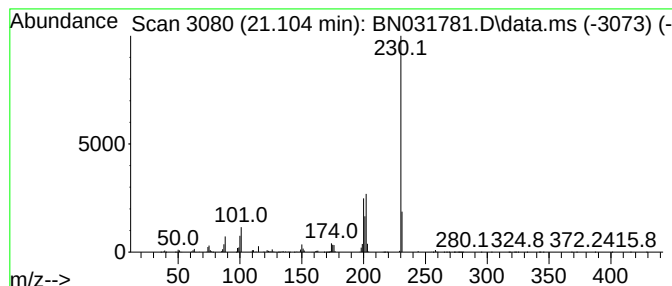
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1-Pyrenecarboxaldehyde Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	6.57 ng/ul	41842800	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	96	
2	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	90	
3	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	83	
4	1-Pyrenecarboxaldehyde		230	C17H10O	003029-19-4	78	
5	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	74	



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

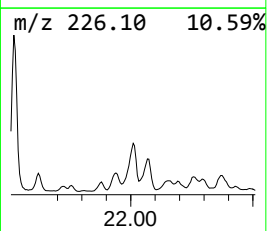
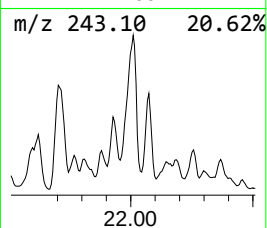
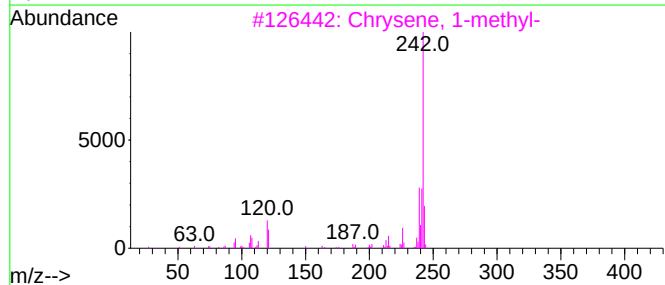
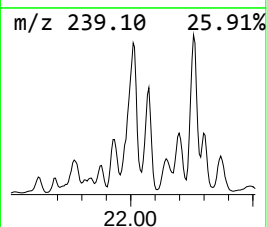
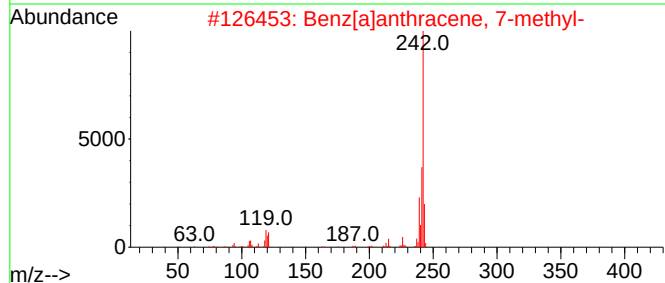
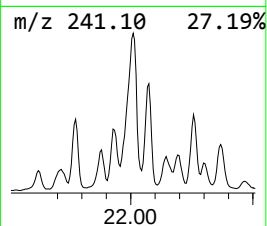
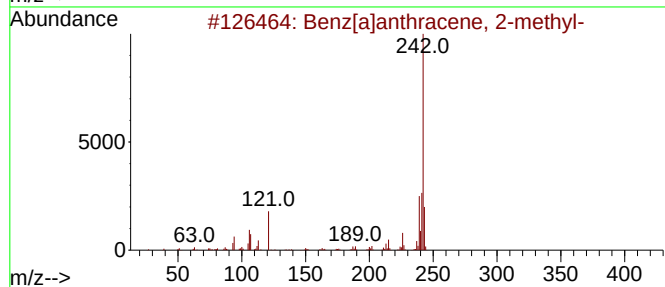
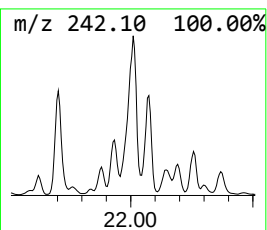
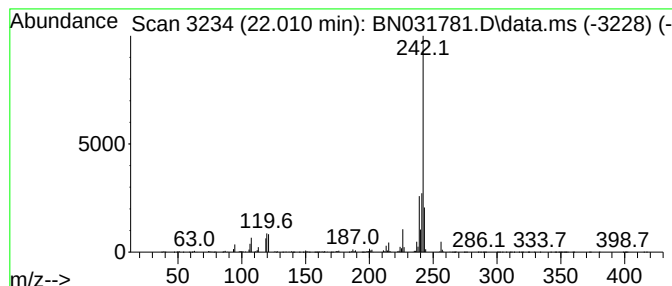
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Benz[a]anthracene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.010	4.57 ng/ul	29113700	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4			2-Methylchrysene	242	C19H14	003351-32-4	89
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

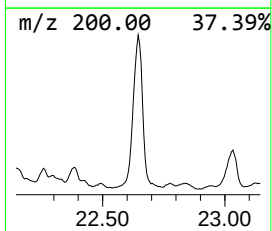
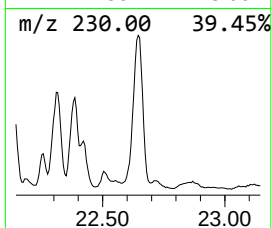
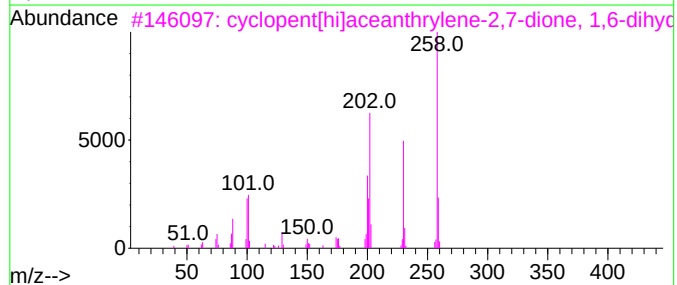
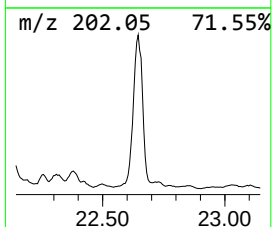
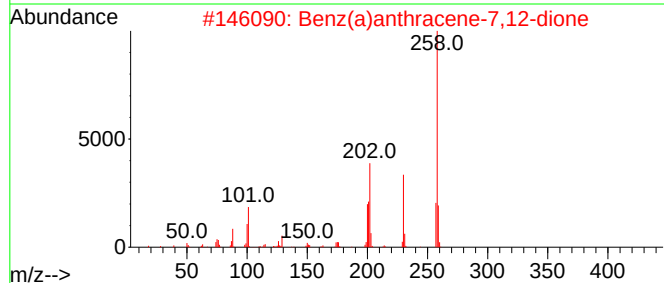
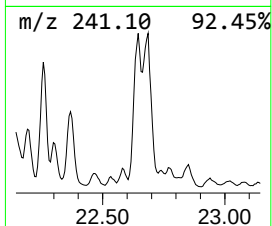
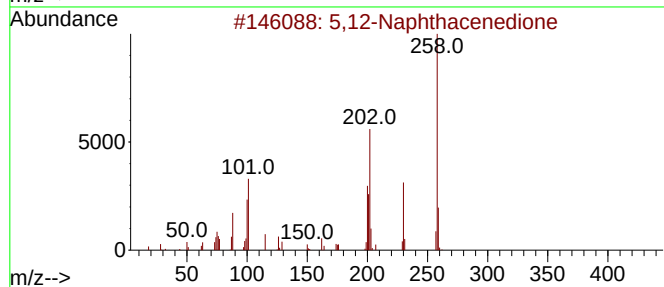
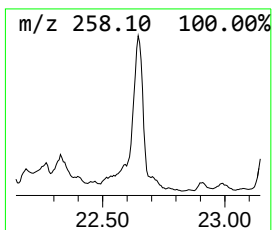
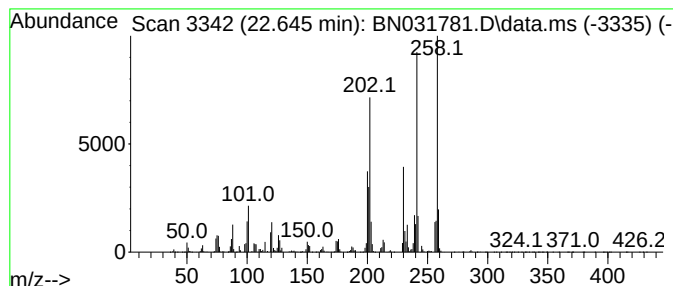
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 5,12-Naphthacenedione Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.645	3.83 ng/ul	24384700	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
2			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	91
3			cyclopent[hi]aceanthrylene-2,7-d...	258	C18H10O2	1000396-75-6	83
4			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	70
5			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

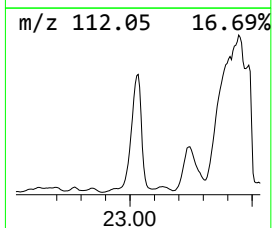
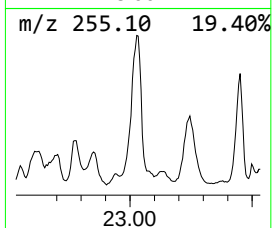
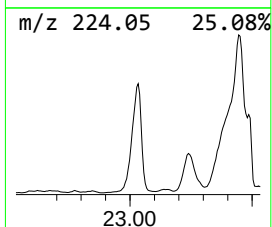
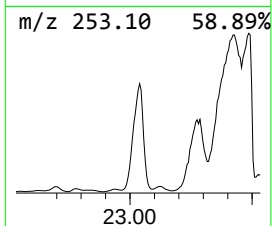
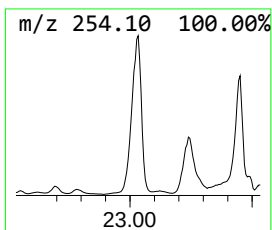
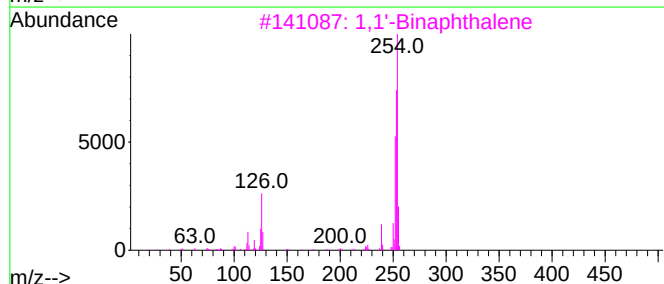
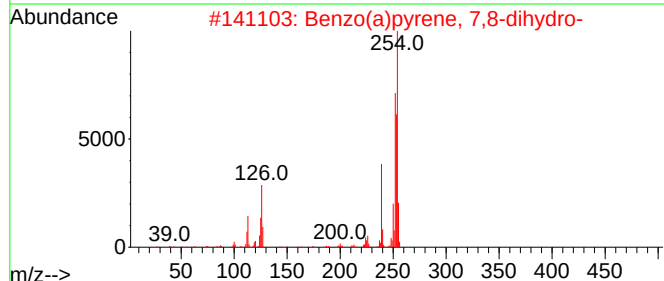
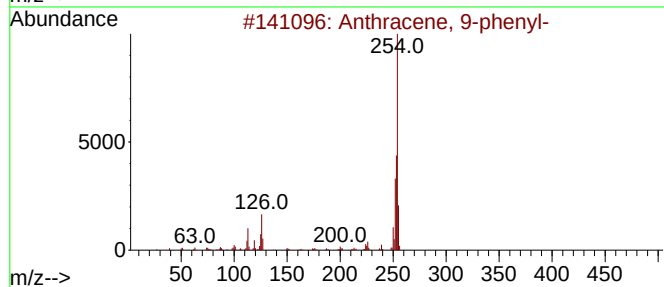
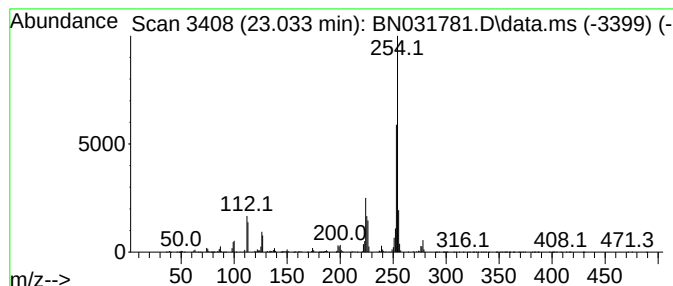
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 Anthracene, 9-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.033	17.48 ng/ul	24583100	Perylene-d12	24.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	76
2	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	64
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

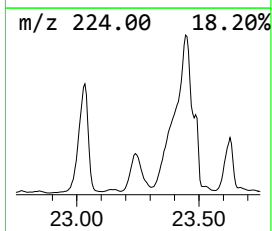
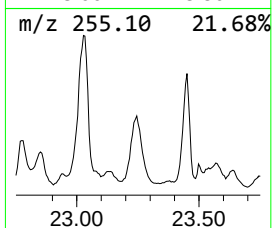
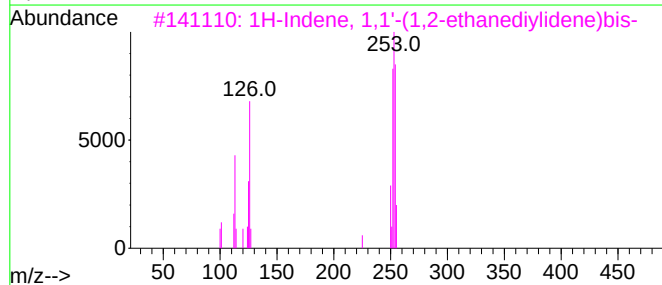
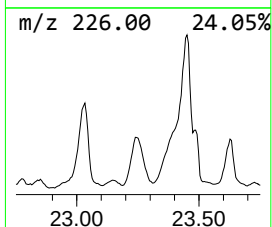
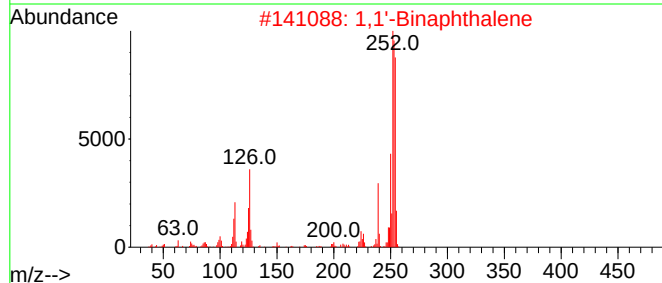
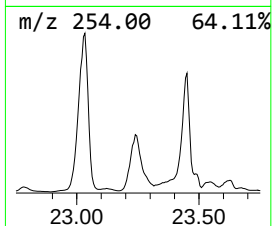
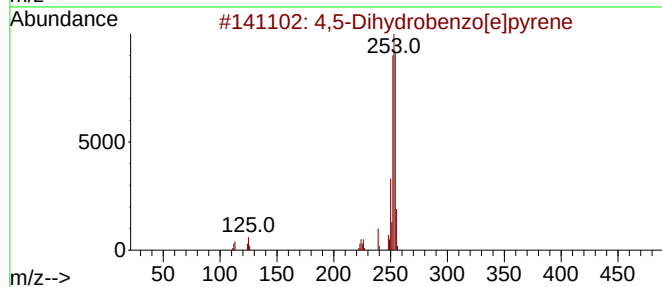
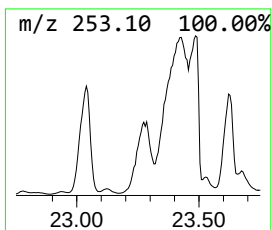
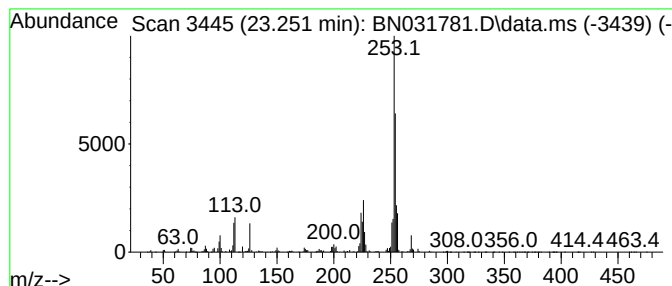
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 4,5-Dihydrobenzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.251	5.75 ng/ul	8092450	Perylene-d12	24.316	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene		254 C20H14	095676-42-9	59
2	1,1'-Binaphthalene		254 C20H14	000604-53-5	58
3	1H-Indene, 1,1'-(1,2-ethanediyl...		254 C20H14	072088-04-1	58
4	4,4'-Biazulenyl		254 C20H14	094053-54-0	50
5	Bis(trimethylsilyl) propylphosph...		268 C9H25O3PSi2	1000193-07-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

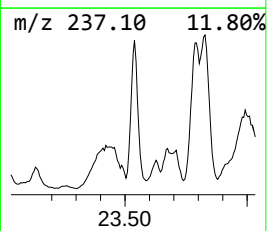
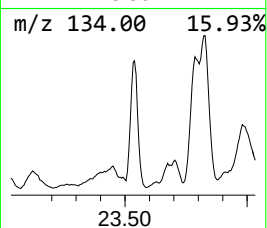
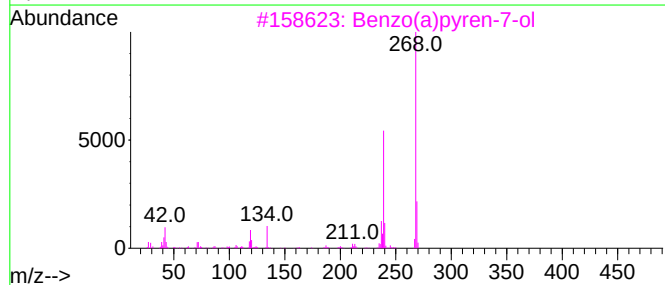
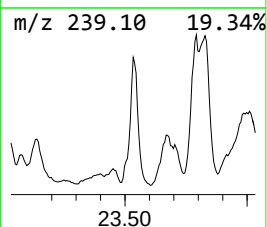
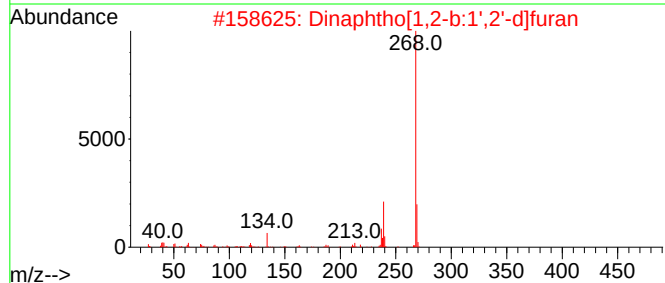
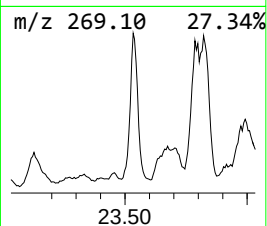
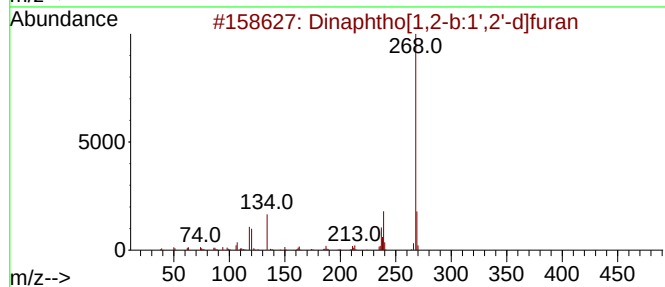
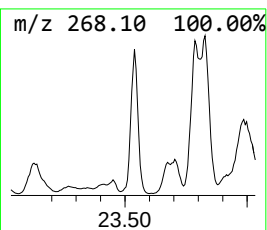
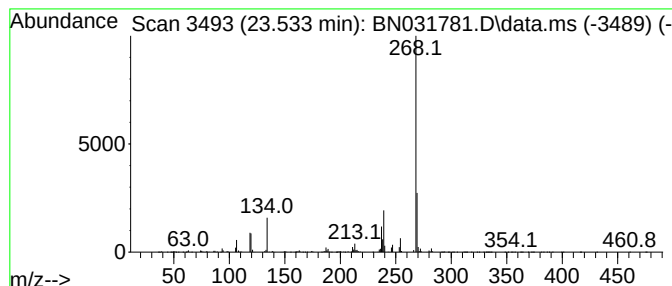
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	6.83 ng/ul	9608240	Perylene-d12	24.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
3			Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	62
4			2-Amino-4-(4-fluorophenyl)-6-met...	268	C14H9FN4O	153816-49-0	59
5			2-(4-Ethoxyphenyl)-6-methyl-2H-1...	268	C15H16N4O	355818-00-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
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Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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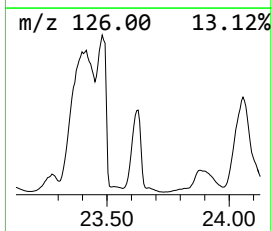
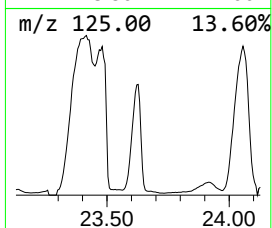
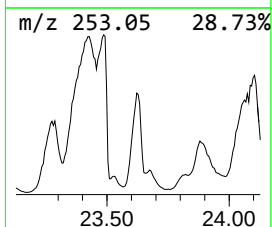
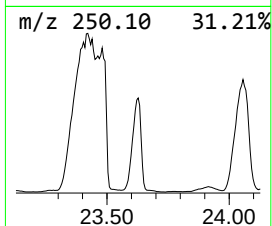
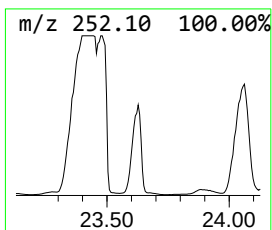
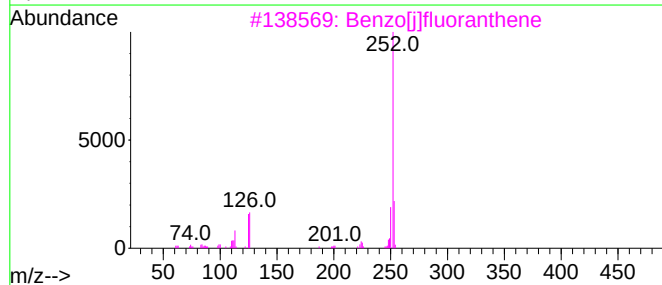
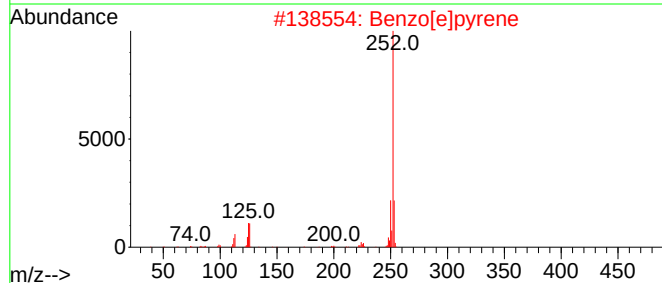
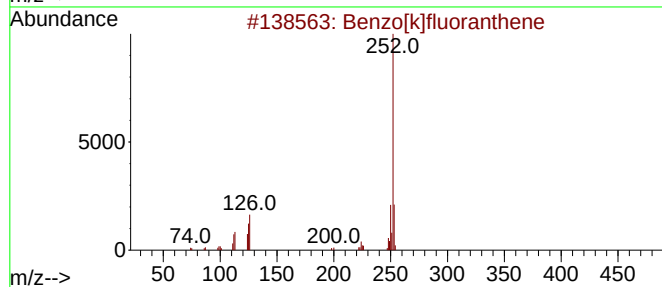
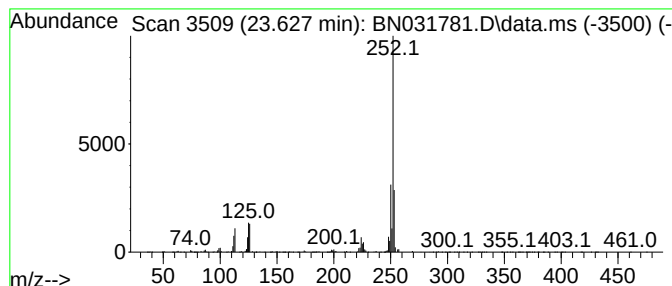
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.627	20.40 ng/ul	28691600	Perylene-d12	24.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	96
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

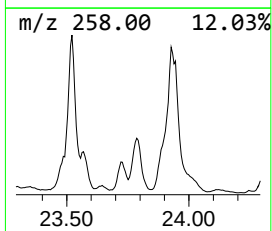
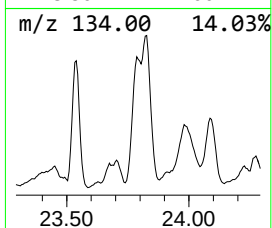
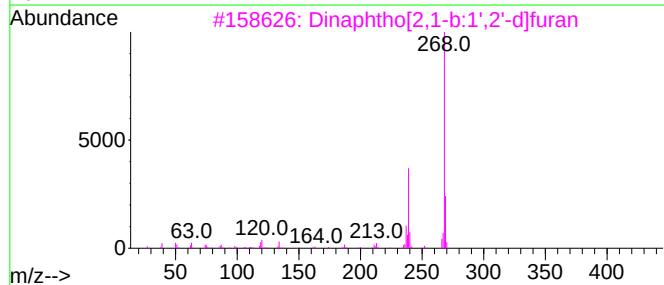
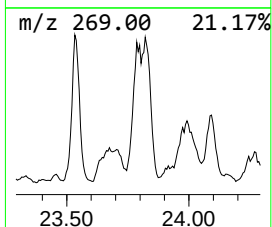
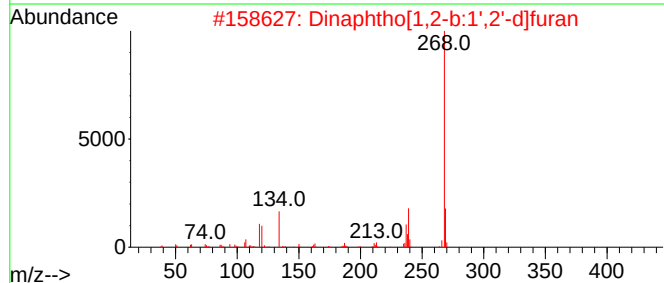
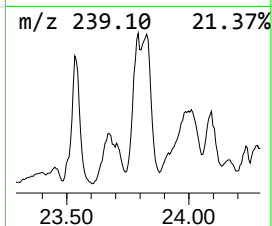
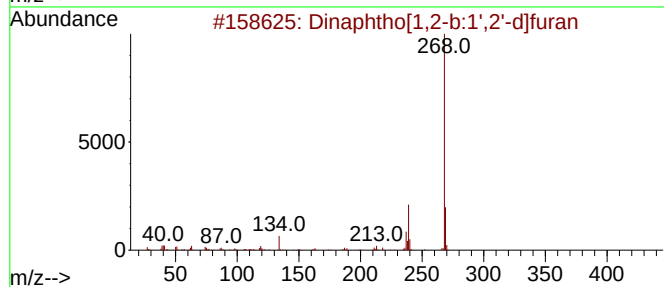
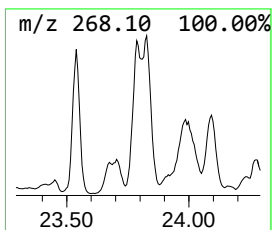
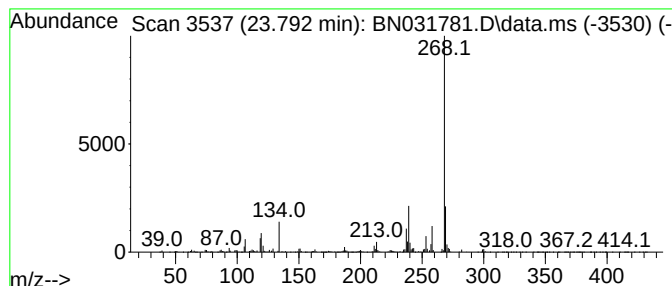
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.792	7.33 ng/ul	10304400	Perylene-d12	24.316

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[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
3			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	87
4			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
5			Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

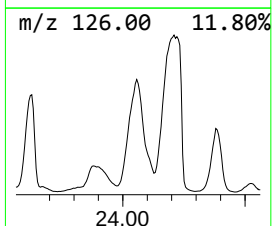
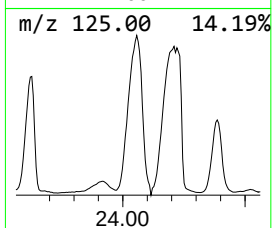
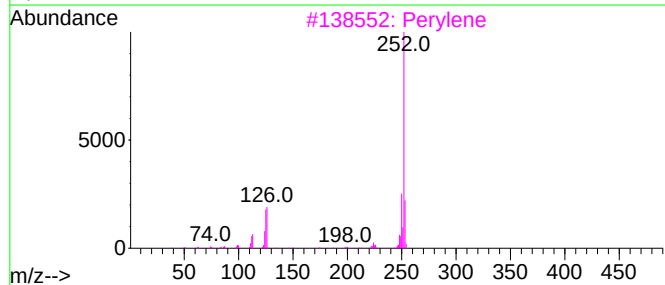
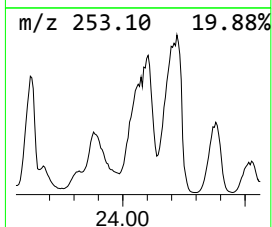
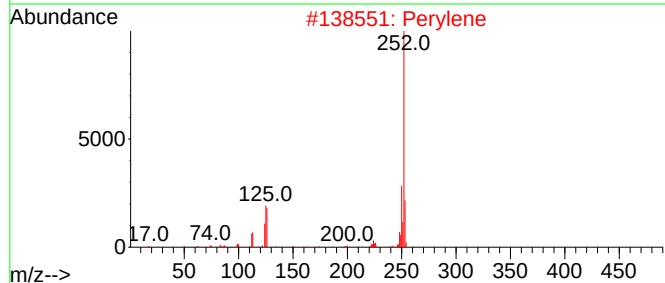
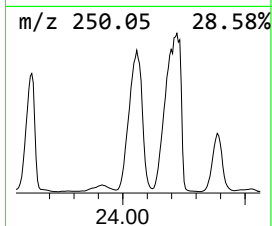
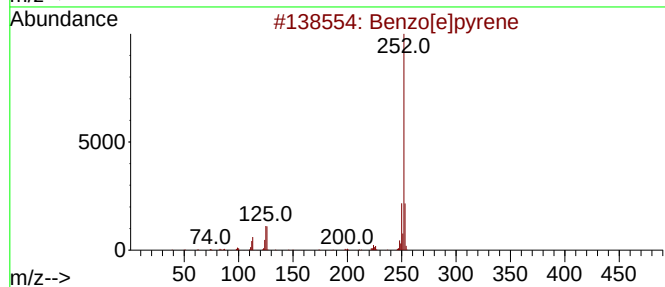
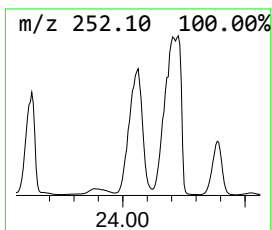
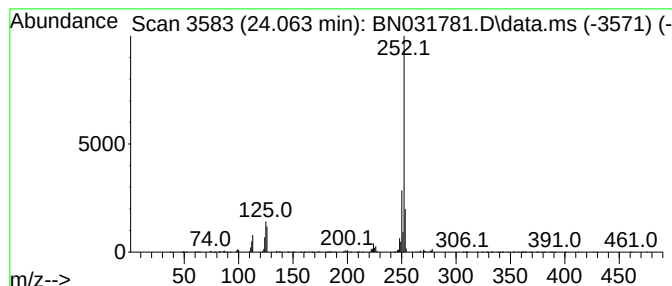
Instrument :
BNA_N
ClientSampleId :
BHBQ2

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 44 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.063	40.05 ng/ul	56328800	Perylene-d12	24.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

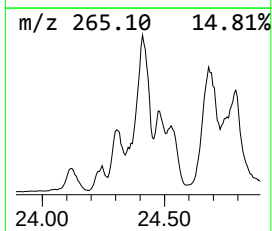
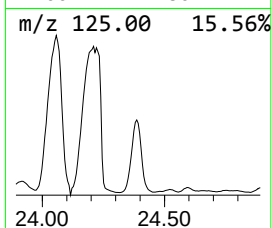
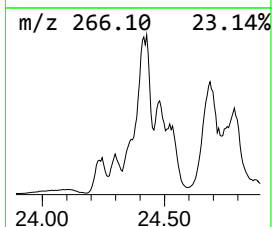
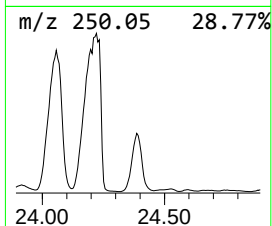
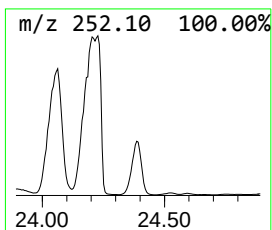
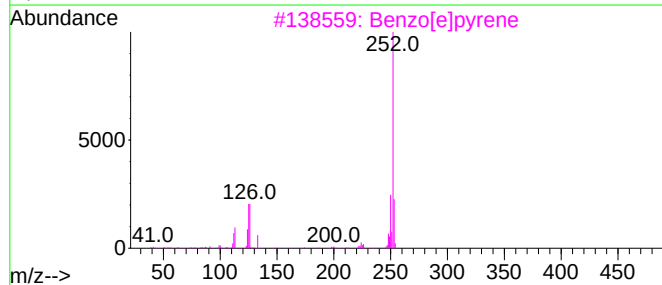
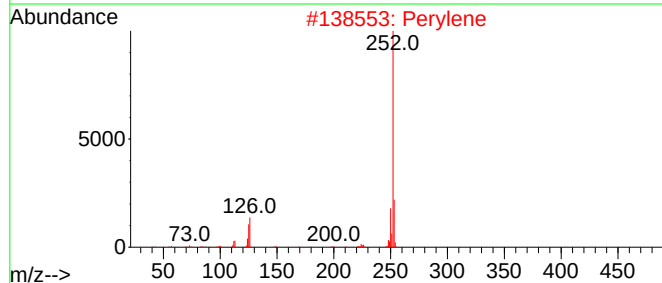
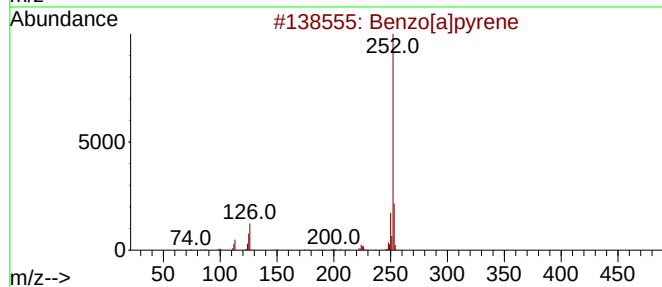
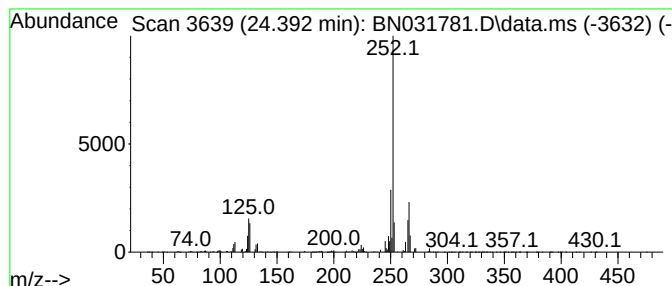
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.392	20.00 ng/ul	28126800	Perylene-d12	24.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	70
2	Perylene	252	C20H12	000198-55-0	55
3	Benzo[e]pyrene	252	C20H12	000192-97-2	49
4	Benzo[e]pyrene	252	C20H12	000192-97-2	49
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

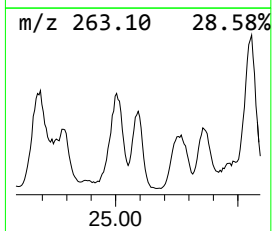
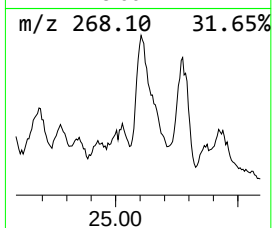
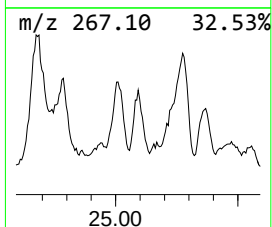
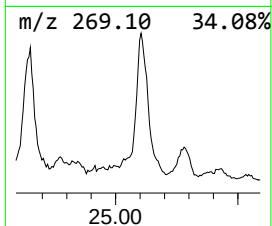
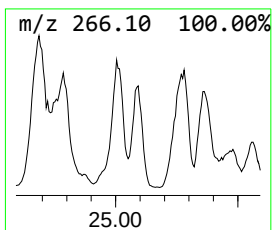
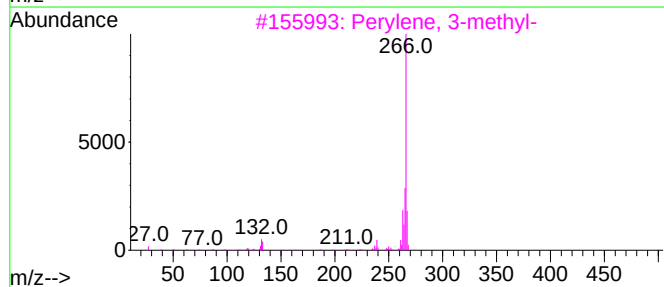
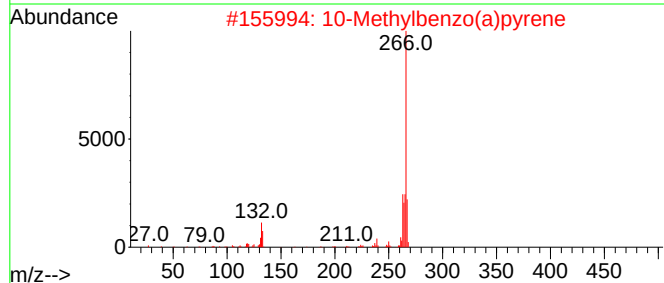
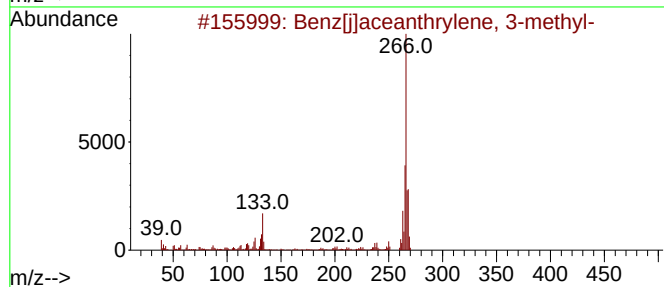
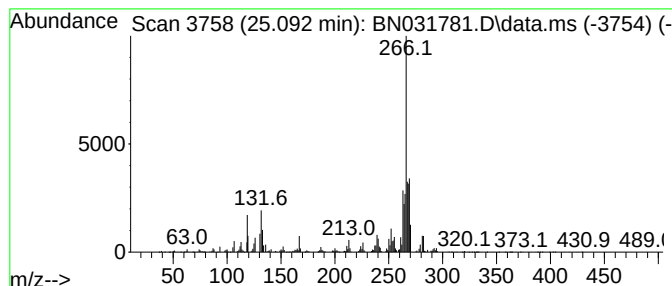
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 Benz[j]aceanthrylene, 3-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.092	6.33 ng/ul	8908560	Perylene-d12	24.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	64
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	50
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	50
4	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	47
5	3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

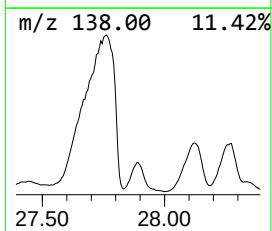
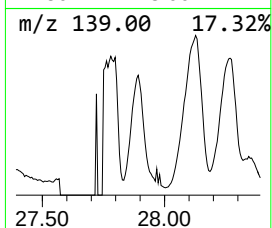
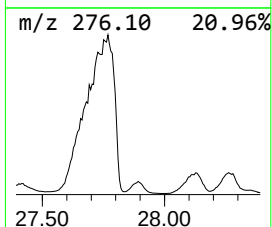
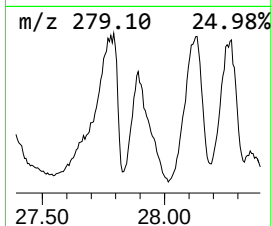
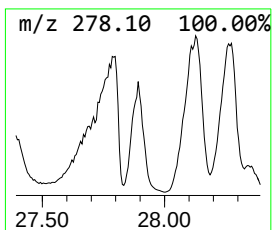
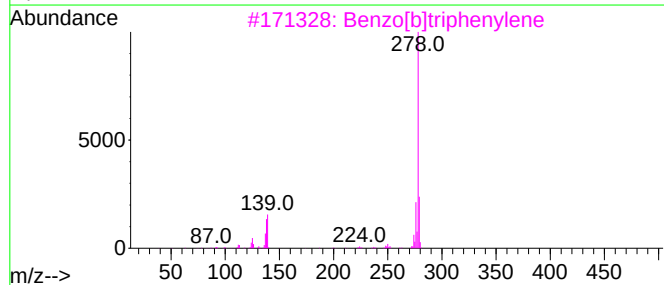
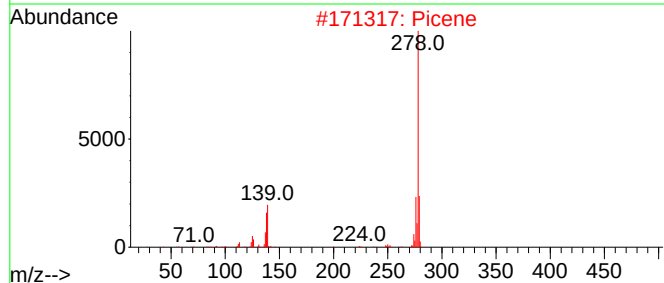
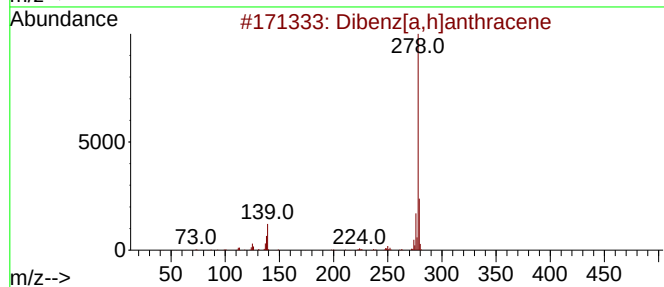
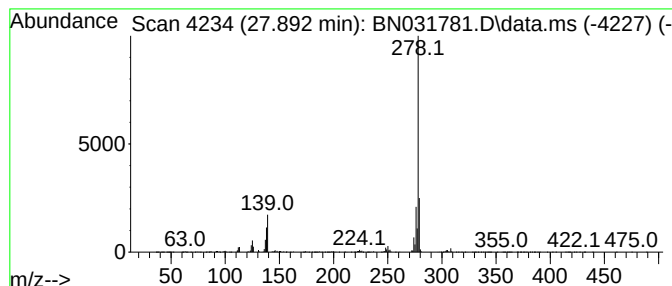
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Picene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.892	10.22 ng/ul	14370200	Perylene-d12	24.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
2		Picene	278	C22H14	000213-46-7	94
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	94
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5		Picene	278	C22H14	000213-46-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031781.D
Acq On : 04 Jun 2024 18:12
Operator : MA/JU
Sample : P2591-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ2

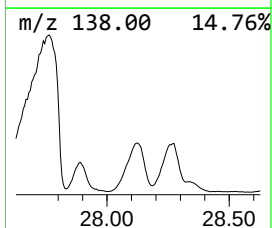
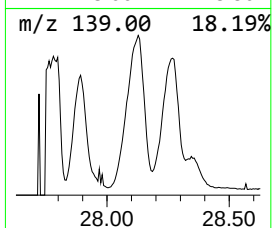
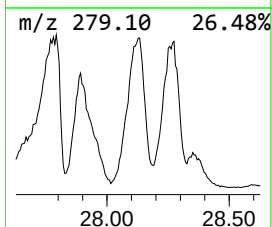
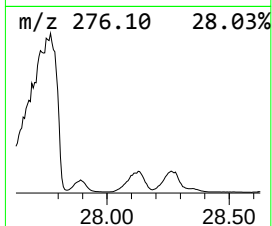
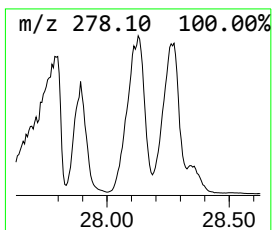
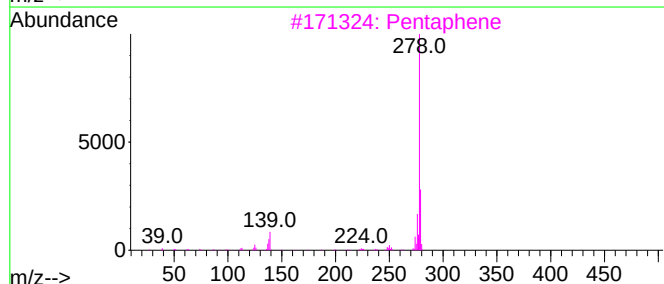
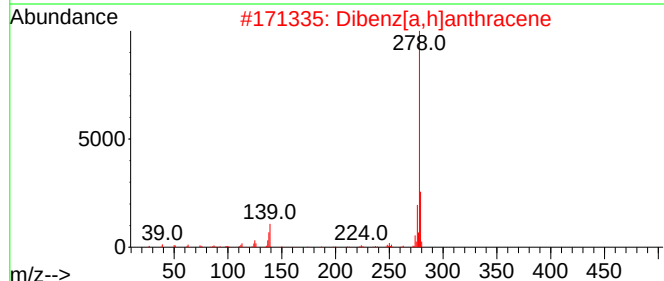
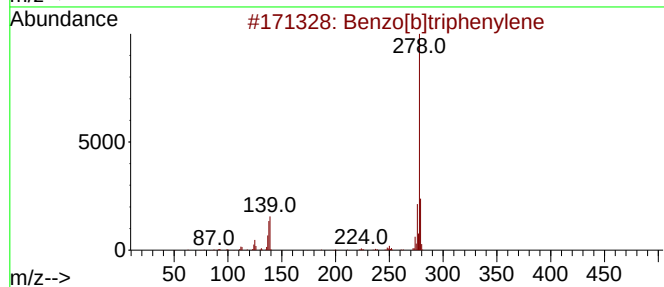
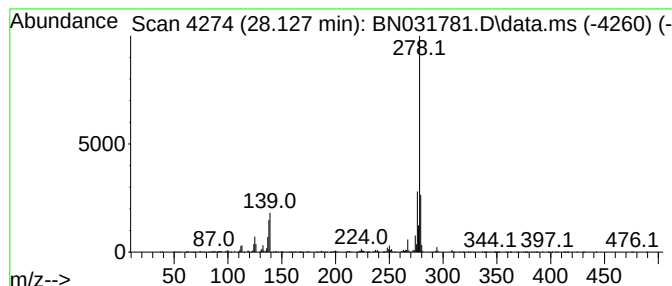
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.127	18.44 ng/ul	25927200	Perylene-d12	24.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3			Pentaphene	278	C22H14	000222-93-5	98
4			Picene	278	C22H14	000213-46-7	98
5			Benzo[b]chrysene	278	C22H14	000214-17-5	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031781.D
 Acq On : 04 Jun 2024 18:12
 Operator : MA/JU
 Sample : P2591-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ2

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
Naphthalene, 2,...	13.640	18.1	ng/ul	7515210	3	14.322	8286550	20.0
Naphthalene, 1,...	13.875	9.0	ng/ul	3718110	3	14.322	8286550	20.0
Diphenylmethane	15.534	9.9	ng/ul	4112250	3	14.322	8286550	20.0
Dibenzofuran, 4...	15.669	26.1	ng/ul	10816000	3	14.322	8286550	20.0
9H-Fluoren-9-one	16.751	4.7	ng/ul	30380900	4	17.087	129502000	20.0
Phenanthrene, 2...	17.957	4.7	ng/ul	30205700	4	17.087	129502000	20.0
4H-Cyclopenta[d...	18.151	6.5	ng/ul	42110800	4	17.087	129502000	20.0
Benzo[c]cinnoline	18.522	4.3	ng/ul	28007100	4	17.087	129502000	20.0
Cyclopenta(def)...	19.057	5.0	ng/ul	32337600	4	17.087	129502000	20.0
Benzene, 1,1'-(...	19.198	21.3	ng/ul	137658000	4	17.087	129502000	20.0
4-Azapyrene	19.763	3.7	ng/ul	23368600	5	21.357	127299000	20.0
Pyrene, 1-methyl-	19.969	4.3	ng/ul	27455300	5	21.357	127299000	20.0
Pyrene, 2-methyl-	20.163	4.7	ng/ul	30084200	5	21.357	127299000	20.0
11H-Benzo[a]flu...	20.775	6.0	ng/ul	37892200	5	21.357	127299000	20.0
7H-Benz[de]anth...	20.933	5.9	ng/ul	37726300	5	21.357	127299000	20.0
Cyclopenta(cd)p...	20.974	4.0	ng/ul	25291200	5	21.357	127299000	20.0
Cyclopenta[cd]p...	21.022	4.7	ng/ul	30198600	5	21.357	127299000	20.0
1-Pyrenecarboxa...	21.104	6.6	ng/ul	41842800	5	21.357	127299000	20.0
Benzo[a]anthrace...	22.010	4.6	ng/ul	29113700	5	21.357	127299000	20.0
5,12-Naphthacen...	22.645	3.8	ng/ul	24384700	5	21.357	127299000	20.0
Anthracene, 9-p...	23.033	17.5	ng/ul	24583100	6	24.316	28126800	20.0
4,5-Dihydrobenz...	23.251	5.8	ng/ul	8092450	6	24.316	28126800	20.0
Dinaphtho[1,2-b...	23.533	6.8	ng/ul	9608240	6	24.316	28126800	20.0
Benzo[e]pyrene	23.627	20.4	ng/ul	28691600	6	24.316	28126800	20.0
Dinaphtho[2,1-b...	23.792	7.3	ng/ul	10304400	6	24.316	28126800	20.0
Perylene	24.063	40.0	ng/ul	56328800	6	24.316	28126800	20.0
unknown-01	24.392	20.0	ng/ul	28126800	6	24.316	28126800	20.0
Benzo[j]aceanthr...	25.092	6.3	ng/ul	8908560	6	24.316	28126800	20.0
Picene	27.892	10.2	ng/ul	14370200	6	24.316	28126800	20.0
Benzo[b]triphen...	28.127	18.4	ng/ul	25927200	6	24.316	28126800	20.0