

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031765.D
 Acq On : 03 Jun 2024 18:36
 Operator : MA/JU
 Sample : P2549-13DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH629DL

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: BN031765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	100	104	117	rBV	548467	863914	7.07%	0.590%
2	3.699	117	121	130	rVV	190954	274789	2.25%	0.188%
3	6.852	646	657	670	rVB	1004402	1664625	13.63%	1.137%
4	7.022	679	686	694	rBV	824198	1288554	10.55%	0.880%
5	7.216	710	719	726	rBV	1009628	1627859	13.33%	1.112%
6	7.681	790	798	806	rBV	962882	1547126	12.66%	1.057%
7	8.387	910	918	925	rBV	1218019	1987774	16.27%	1.357%
8	8.834	987	994	1003	rBV	937867	1588566	13.00%	1.085%
9	9.551	1103	1116	1127	rBV	737273	1296750	10.61%	0.886%
10	10.087	1200	1207	1216	rBV	1274326	2136319	17.49%	1.459%
11	10.463	1262	1271	1277	rBV	1420556	2438619	19.96%	1.665%
12	10.510	1277	1279	1286	rVB	95936	145020	1.19%	0.099%
13	10.604	1288	1295	1310	rBV	838954	1486398	12.17%	1.015%
14	12.134	1548	1555	1561	rVB	76892	128494	1.05%	0.088%
15	12.351	1584	1592	1599	rBV	81727	135386	1.11%	0.092%
16	13.504	1775	1788	1794	rBV4	44411	134060	1.10%	0.092%
17	13.639	1805	1811	1816	rBV	101651	175880	1.44%	0.120%
18	13.739	1823	1828	1834	rVB	2110136	2876789	23.55%	1.965%
19	14.016	1868	1875	1888	rVB2	2527880	3992944	32.68%	2.727%
20	14.322	1918	1927	1933	rVV	2151967	3171643	25.96%	2.166%
21	14.386	1933	1938	1946	rVV	527460	801864	6.56%	0.548%
22	14.528	1956	1962	1972	rBV	805586	1236752	10.12%	0.845%
23	14.722	1991	1995	2004	rVV	317051	540221	4.42%	0.369%
24	14.945	2025	2033	2037	rBV3	64344	132458	1.08%	0.090%
25	15.116	2054	2062	2065	rBV3	53026	112256	0.92%	0.077%
26	15.316	2090	2096	2102	rVV	3065293	4496424	36.81%	3.071%
27	15.375	2102	2106	2113	rVV	511481	778949	6.38%	0.532%
28	15.445	2113	2118	2124	rVV2	309703	515421	4.22%	0.352%
29	15.498	2124	2127	2130	rVV	93221	129673	1.06%	0.089%
30	15.533	2130	2133	2138	rVV2	89822	151085	1.24%	0.103%
31	15.669	2151	2156	2163	rVB	173134	278164	2.28%	0.190%
32	15.816	2176	2181	2189	rVB	174617	344515	2.82%	0.235%
33	15.904	2189	2196	2202	rVB2	52525	118702	0.97%	0.081%
34	16.045	2215	2220	2228	rVB3	121482	210110	1.72%	0.143%
35	16.351	2265	2272	2274	rBV3	96777	188715	1.54%	0.129%
36	16.375	2274	2276	2281	rVV2	132419	200425	1.64%	0.137%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	16.422	2281	2284	2290	rVB2	80929	123090	1.01%	0.084%
38	16.604	2307	2315	2318	rBV4	106824	213145	1.74%	0.146%
39	16.728	2331	2336	2343	rVB	340178	513766	4.21%	0.351%
40	16.804	2343	2349	2351	rBV2	122813	227413	1.86%	0.155%
41	16.886	2359	2363	2372	rVB	342854	537720	4.40%	0.367%
42	17.069	2388	2394	2397	rBV	2126173	3167691	25.93%	2.163%
43	17.116	2397	2402	2407	rVV	6557976	9722422	79.58%	6.639%
44	17.169	2407	2411	2414	rVV	3053426	4232675	34.65%	2.890%
45	17.204	2414	2417	2422	rVV	1420726	1862867	15.25%	1.272%
46	17.263	2422	2427	2432	rVB3	165514	272739	2.23%	0.186%
47	17.475	2454	2463	2468	rBV2	629768	1114747	9.12%	0.761%
48	17.592	2479	2483	2488	rVB2	120624	169897	1.39%	0.116%
49	17.651	2489	2493	2502	rVB3	136289	241130	1.97%	0.165%
50	17.792	2513	2517	2525	rVB	63212	114022	0.93%	0.078%
51	17.945	2537	2543	2546	rBV	782751	1199657	9.82%	0.819%
52	17.992	2546	2551	2557	rVB	1188919	1962143	16.06%	1.340%
53	18.075	2558	2565	2569	rVB2	317047	477795	3.91%	0.326%
54	18.139	2570	2576	2580	rBV2	1101979	2001124	16.38%	1.367%
55	18.175	2580	2582	2589	rVB	566495	689033	5.64%	0.471%
56	18.263	2592	2597	2599	rBV4	66080	107557	0.88%	0.073%
57	18.298	2600	2603	2607	rVB3	101255	127289	1.04%	0.087%
58	18.392	2615	2619	2624	rBV5	55693	115114	0.94%	0.079%
59	18.451	2624	2629	2632	rVV	605043	815448	6.67%	0.557%
60	18.492	2632	2636	2642	rVB	551886	766318	6.27%	0.523%
61	18.698	2667	2671	2675	rBV2	254795	328665	2.69%	0.224%
62	18.745	2675	2679	2682	rVV	188946	244145	2.00%	0.167%
63	18.786	2682	2686	2690	rVB	191892	245271	2.01%	0.167%
64	18.869	2695	2700	2704	rBV	481149	809492	6.63%	0.553%
65	18.933	2705	2711	2713	rBV3	185232	323993	2.65%	0.221%
66	19.010	2719	2724	2732	rBV	435874	765197	6.26%	0.523%
67	19.133	2739	2745	2752	rVB	8810964	12216574	100.00%	8.342%
68	19.198	2753	2756	2759	rBV	127278	165234	1.35%	0.113%
69	19.233	2759	2762	2765	rBV	165359	192459	1.58%	0.131%
70	19.374	2783	2786	2790	rVB	243872	294938	2.41%	0.201%
71	19.469	2796	2802	2804	rBV2	4059054	6051842	49.54%	4.133%
72	19.498	2804	2807	2815	rVB	7160131	9754898	79.85%	6.661%
73	19.569	2815	2819	2823	rBV2	383188	569650	4.66%	0.389%
74	19.610	2823	2826	2830	rVB	816556	940589	7.70%	0.642%
75	19.680	2833	2838	2842	rBV	373287	519304	4.25%	0.355%
76	19.739	2844	2848	2853	rVB	384118	557200	4.56%	0.381%

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 Title : SVOA CALIBRATION

77	19.822	2856	2862	2869	rBV3	509249	1349024	11.04%	0.921%
78	19.880	2869	2872	2875	rBV	114806	129036	1.06%	0.088%
79	19.957	2880	2885	2887	rBV4	378523	625360	5.12%	0.427%
80	19.992	2888	2891	2895	rVB	851367	1123002	9.19%	0.767%
81	20.092	2905	2908	2911	rBV	472392	623314	5.10%	0.426%
82	20.151	2915	2918	2922	rVB2	561963	828570	6.78%	0.566%
83	20.233	2929	2932	2937	rBV4	164564	297544	2.44%	0.203%
84	20.292	2939	2942	2945	rVV	416762	530661	4.34%	0.362%
85	20.339	2946	2950	2954	rVV	394218	659914	5.40%	0.451%
86	20.404	2958	2961	2965	rVV2	238955	272873	2.23%	0.186%
87	20.557	2983	2987	2991	rBV	437518	694741	5.69%	0.474%
88	20.745	3015	3019	3027	rBV	683656	1084465	8.88%	0.741%
89	20.957	3051	3055	3058	rBV	497208	576284	4.72%	0.394%
90	20.998	3058	3062	3067	rVV2	798014	1412175	11.56%	0.964%
91	21.057	3068	3072	3082	rVB2	718569	1176598	9.63%	0.803%
92	21.216	3096	3099	3103	rVV	492193	588759	4.82%	0.402%
93	21.292	3107	3112	3118	rVV3	3843258	8094515	66.26%	5.528%
94	21.351	3118	3122	3133	rVB	3058060	4574186	37.44%	3.124%
95	21.492	3142	3146	3152	rBV2	390206	679273	5.56%	0.464%
96	23.321	3450	3457	3463	rBV	2008939	5695313	46.62%	3.889%
97	23.974	3562	3568	3574	rBV2	1010853	2417454	19.79%	1.651%
98	24.045	3575	3580	3585	rVV2	1157420	2666229	21.82%	1.821%
99	24.110	3585	3591	3602	rVB	1770355	4300279	35.20%	2.937%
100	24.245	3608	3614	3621	rBV	829132	2087150	17.08%	1.425%

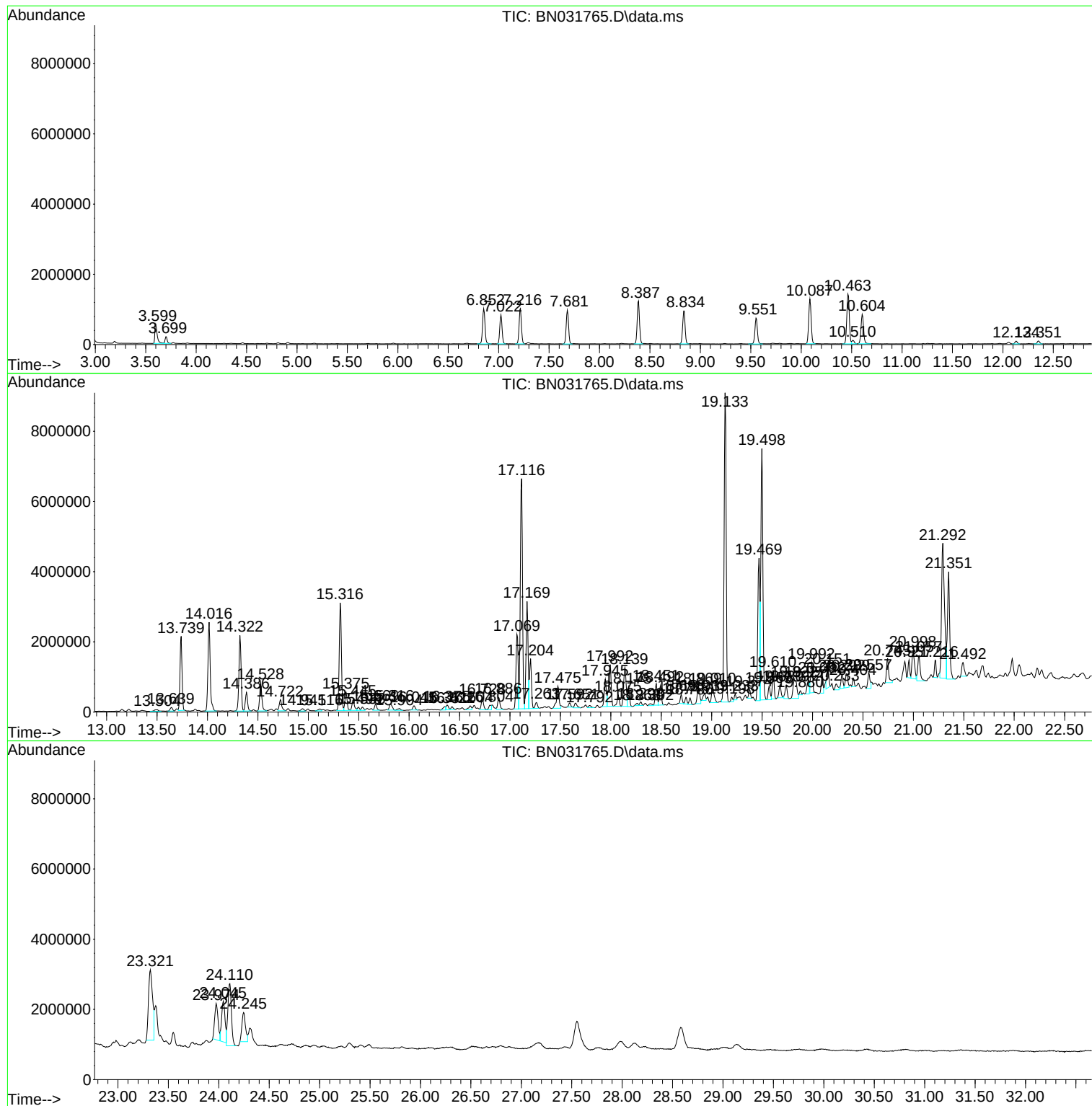
Sum of corrected areas: 146438215

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

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



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Instrument :
BNA_N
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BH629DL

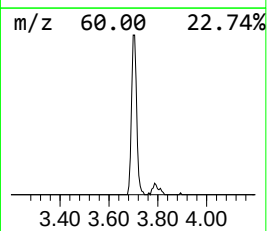
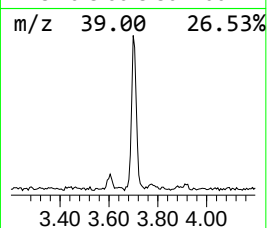
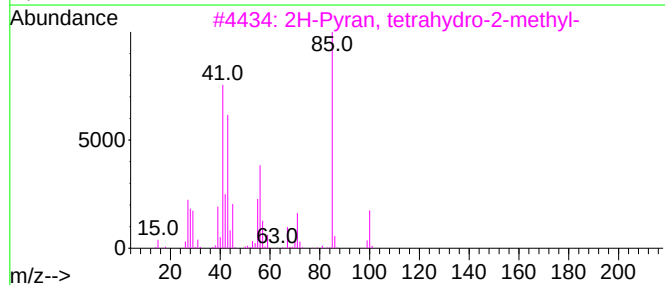
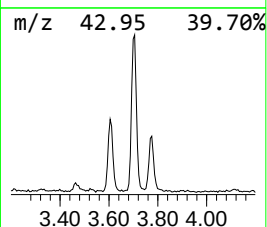
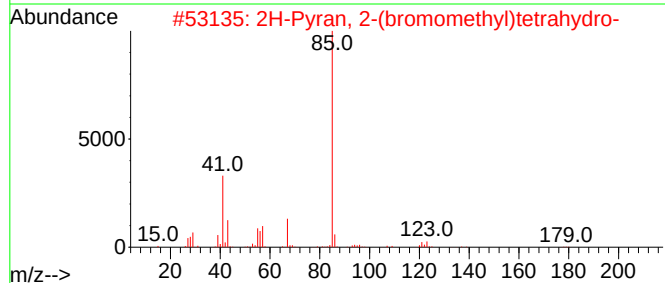
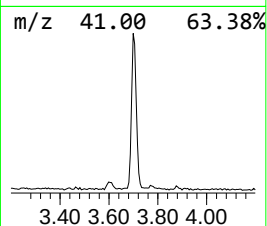
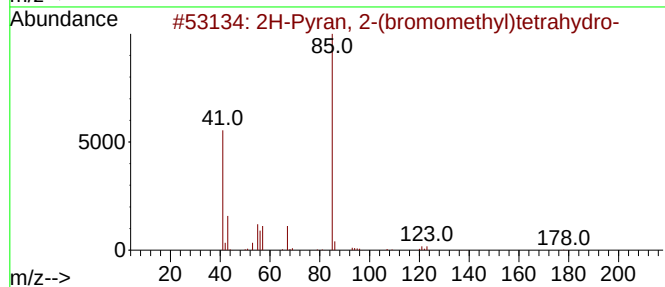
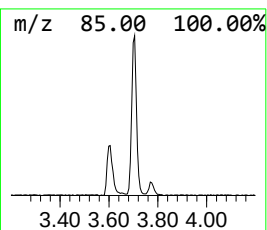
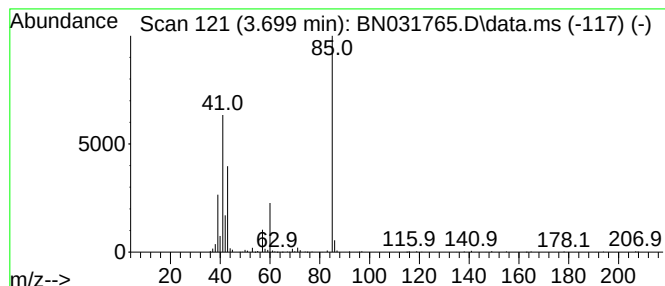
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.699	3.55 ng/ul	274789	1,4-Dichlorobenzene-d4	7.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	42		
2	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	40		
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38		
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38		
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28		



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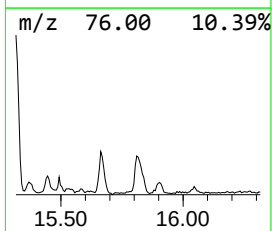
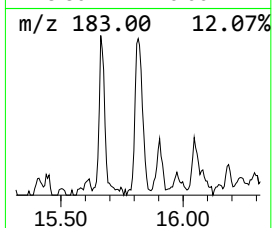
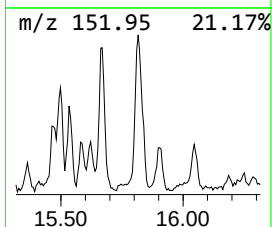
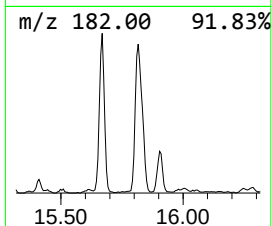
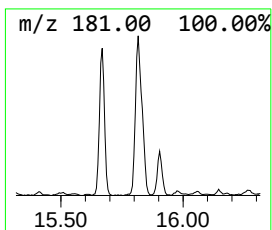
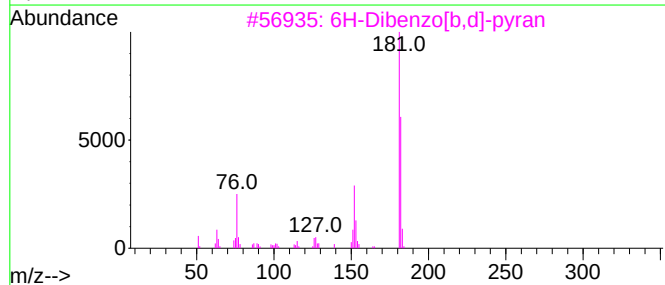
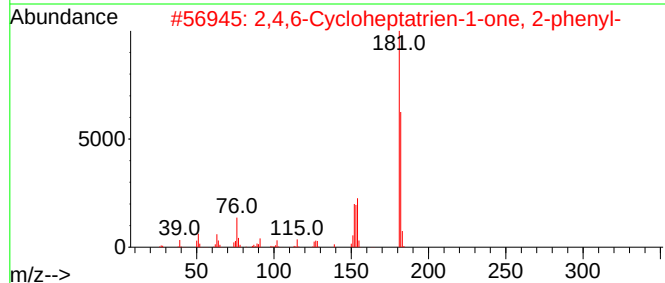
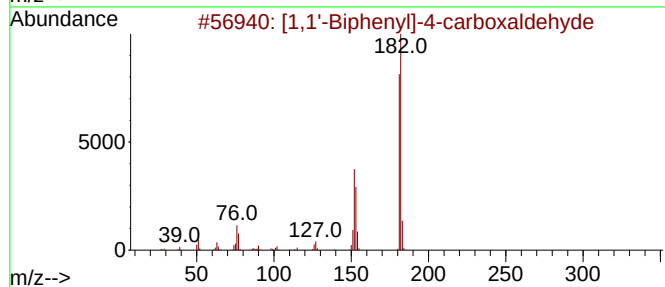
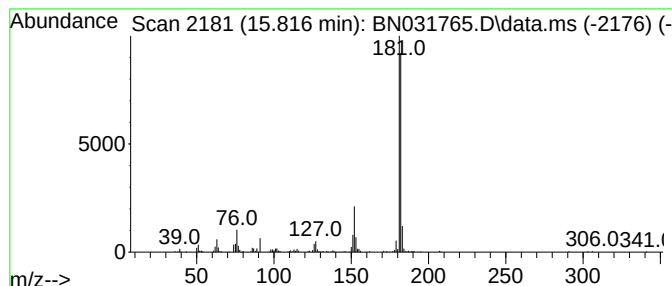
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.816	2.18 ng/ul	344515	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81



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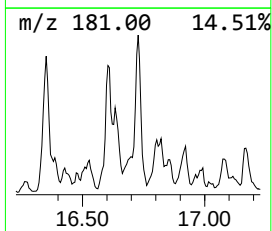
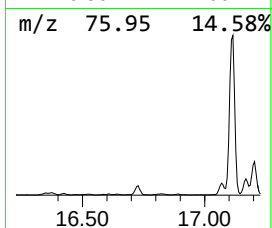
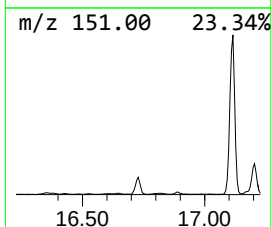
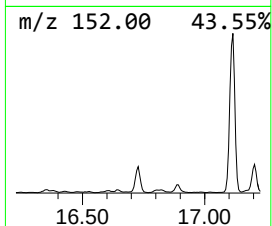
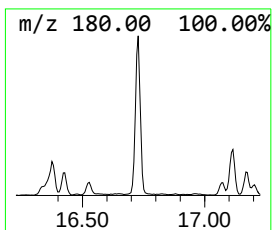
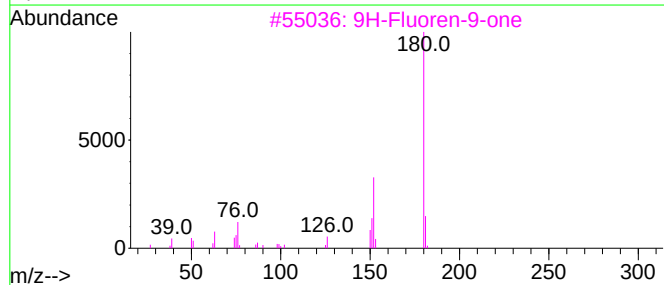
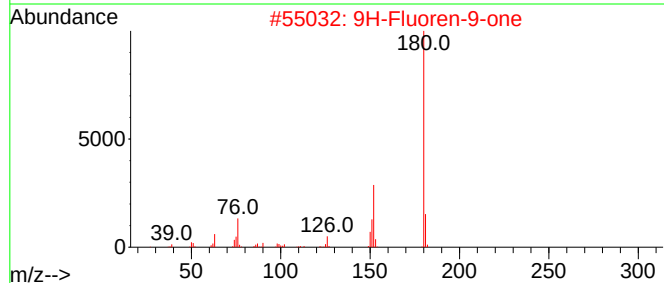
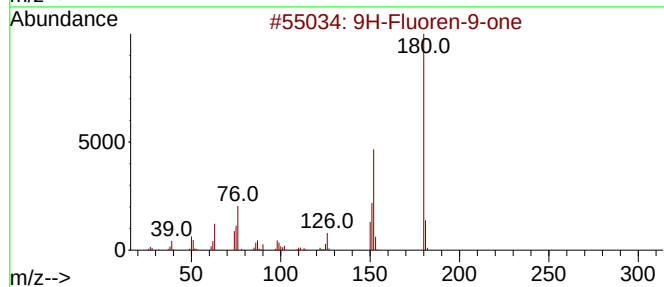
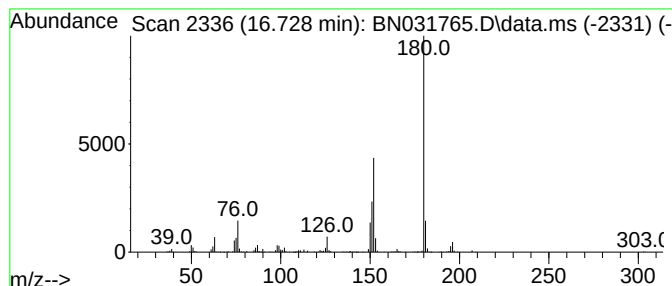
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	3.24 ng/ul	513766	Phenanthrene-d10	17.075

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	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	83



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Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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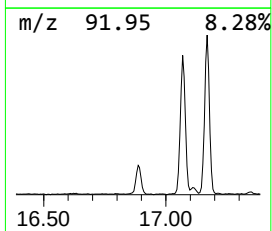
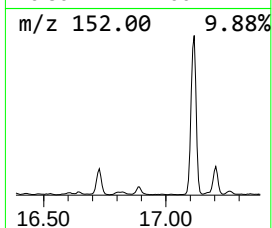
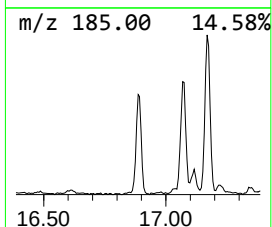
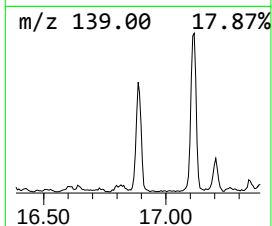
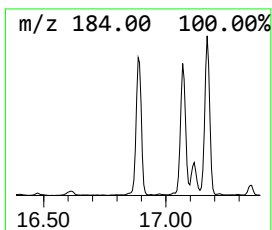
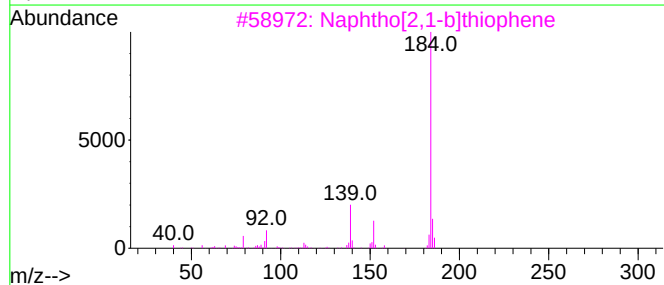
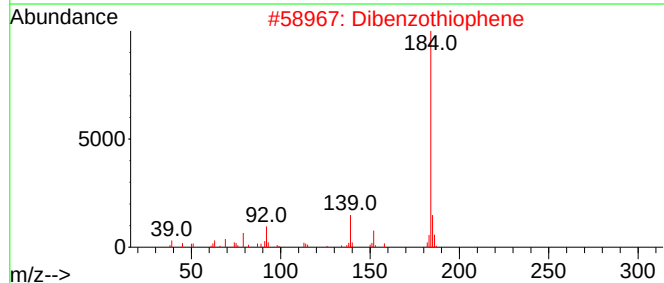
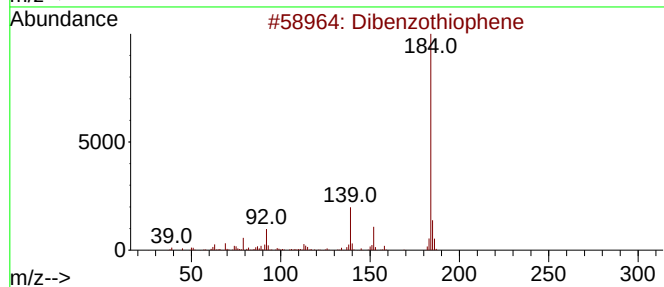
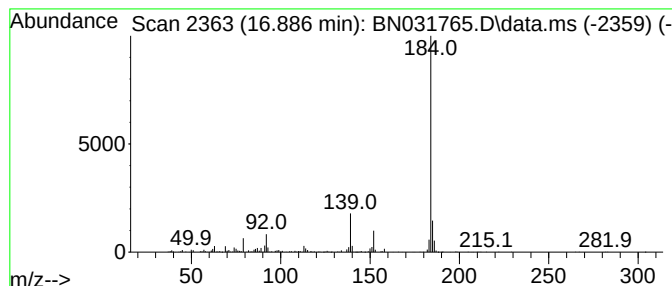
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	3.40 ng/ul	537720	Phenanthrene-d10	17.075

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
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Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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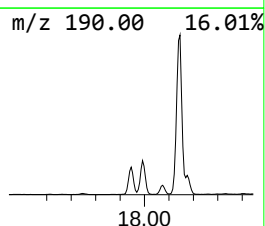
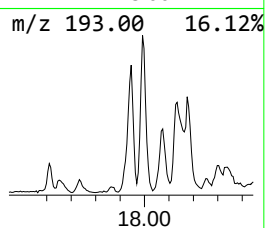
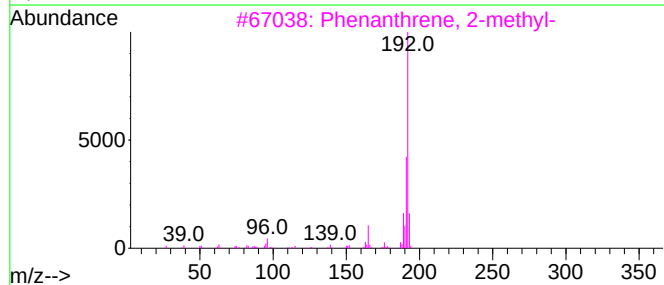
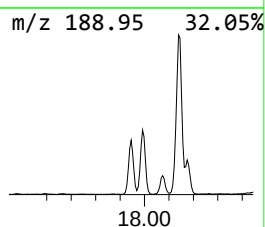
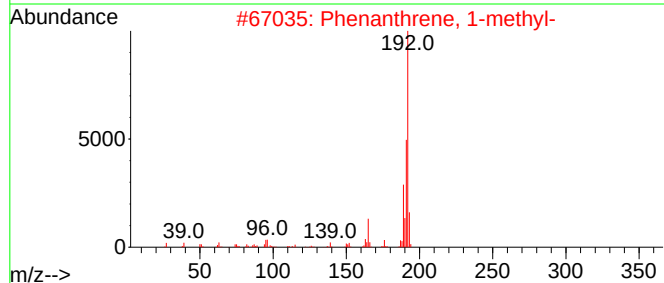
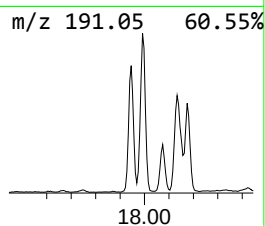
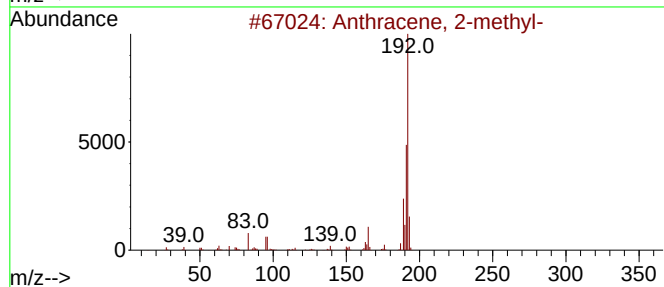
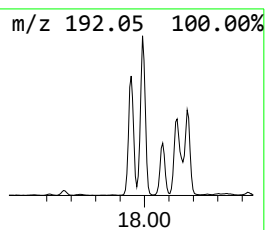
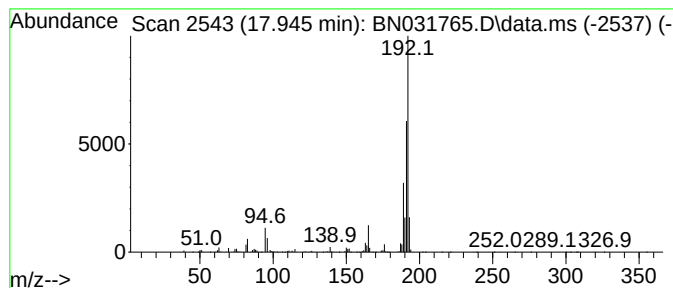
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	7.57 ng/ul	1199660	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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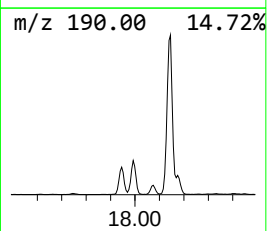
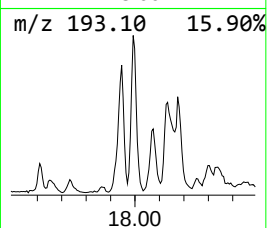
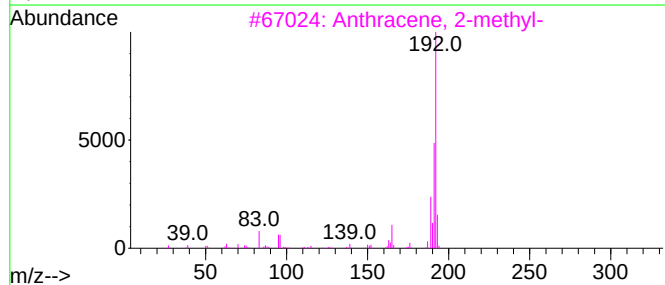
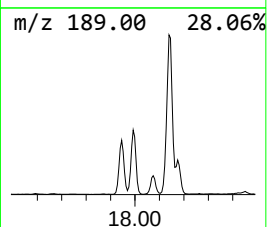
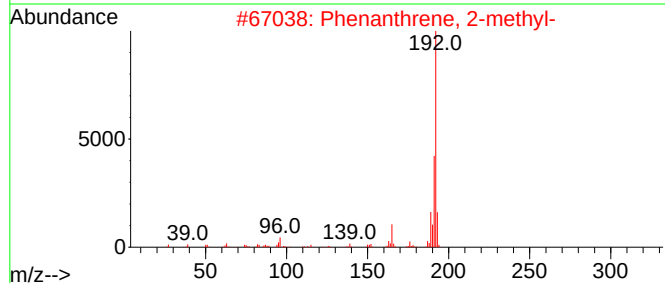
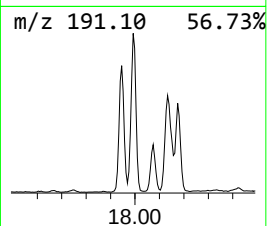
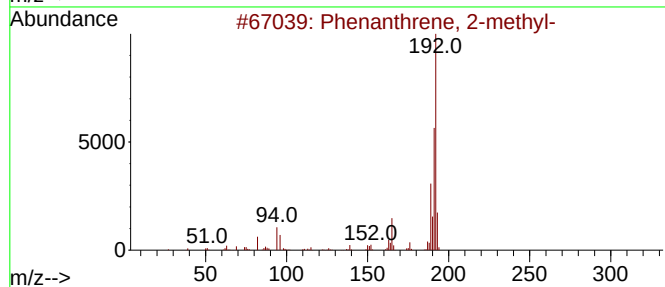
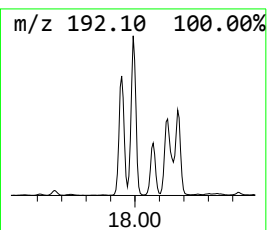
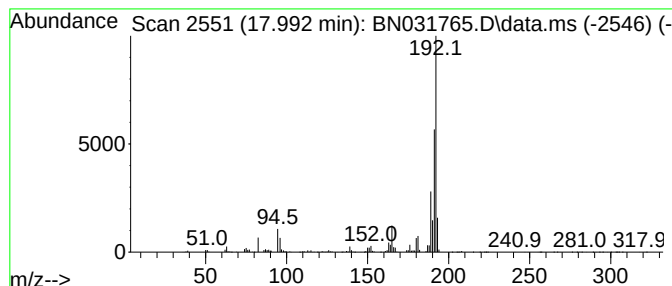
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	12.39 ng/ul	1962140	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

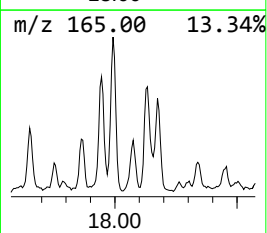
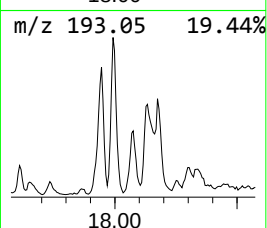
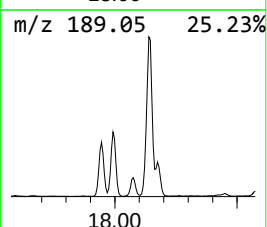
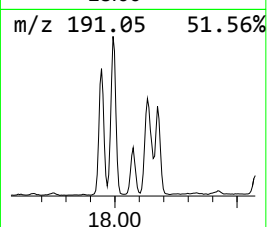
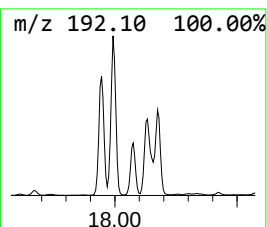
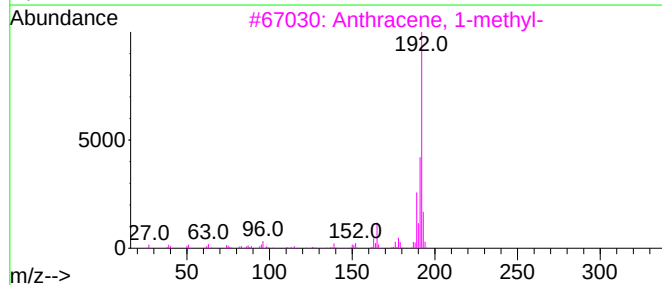
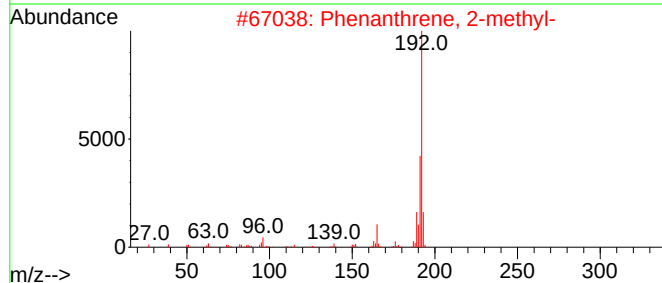
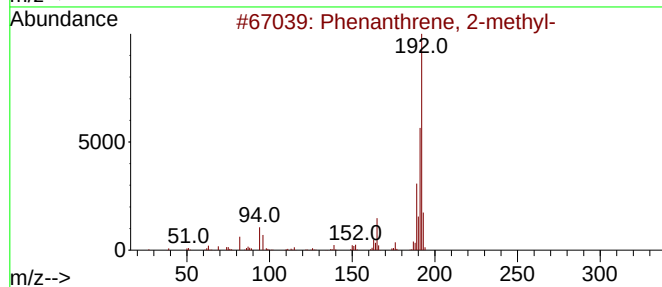
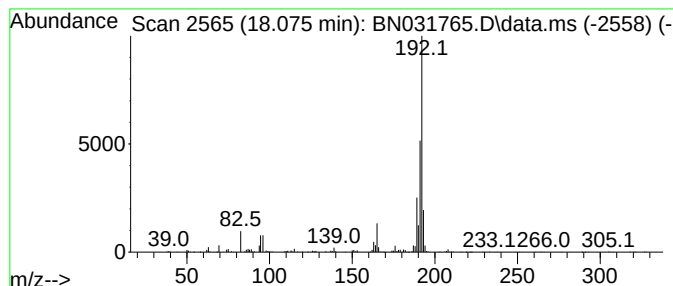
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.075	3.02 ng/ul	477795	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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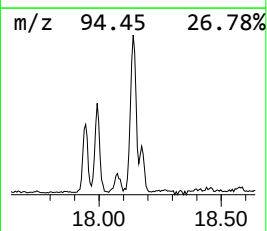
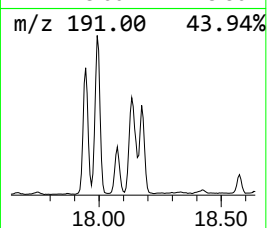
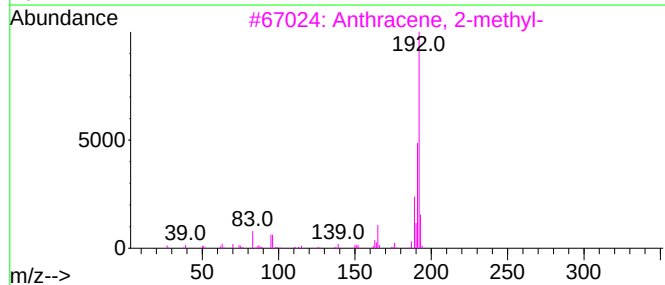
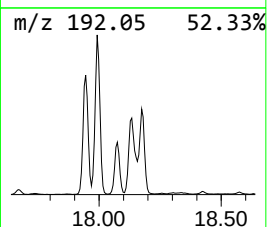
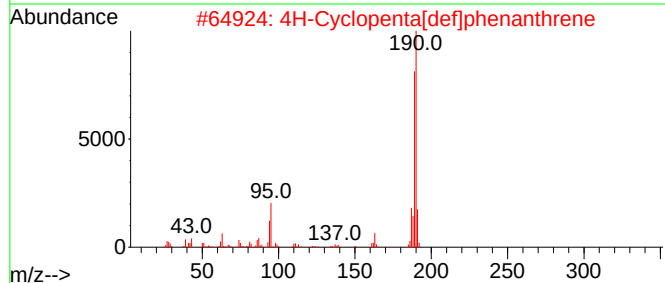
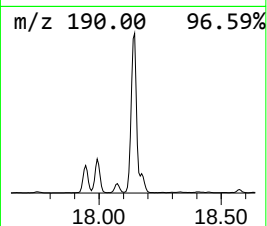
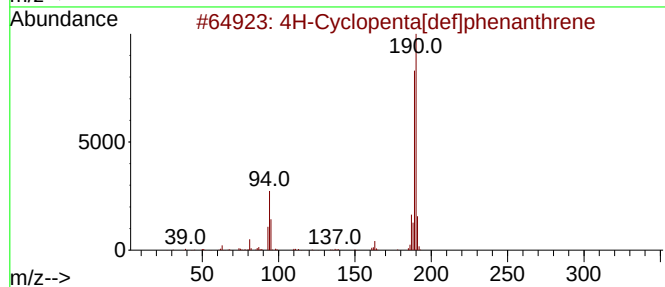
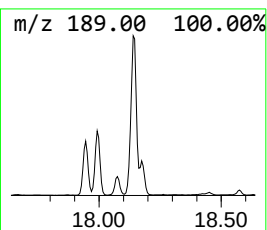
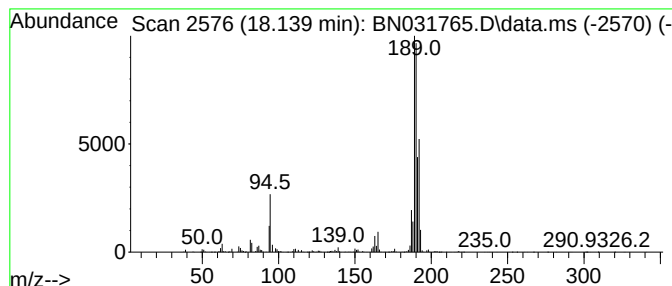
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	12.63 ng/ul	2001120	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
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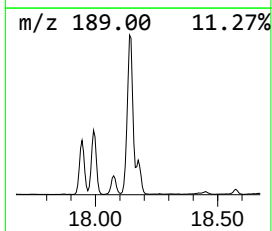
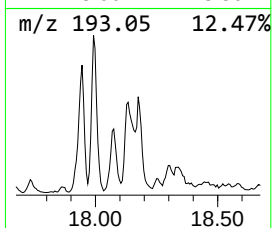
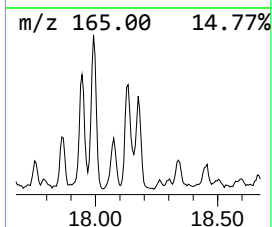
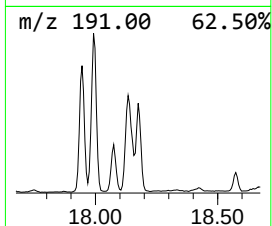
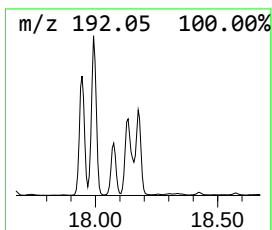
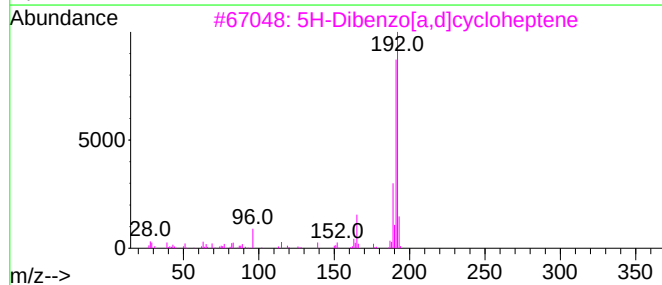
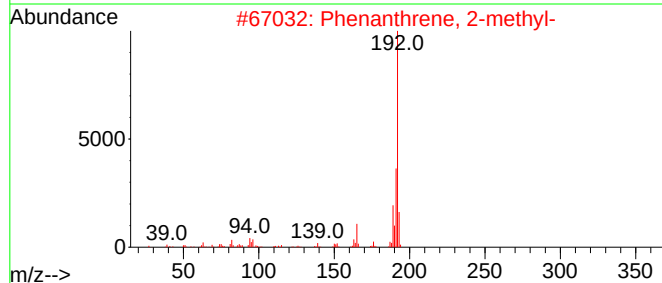
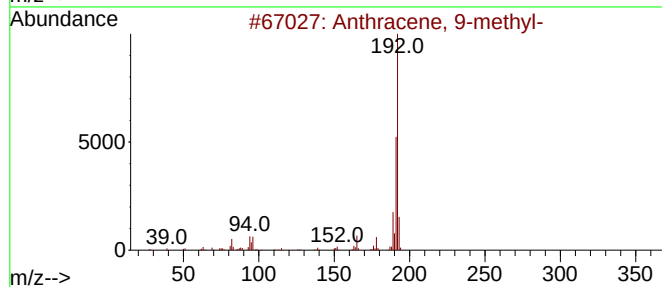
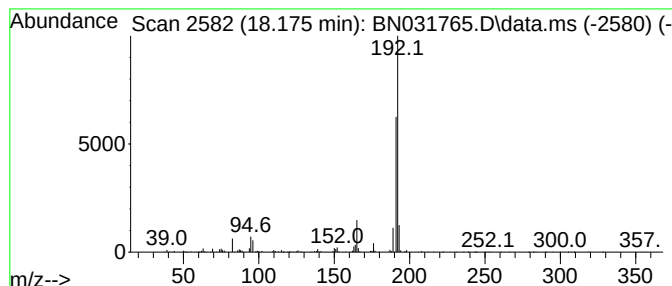
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	4.35 ng/ul	689033	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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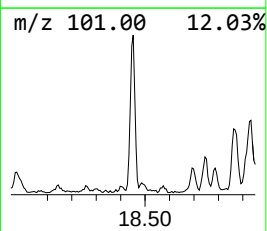
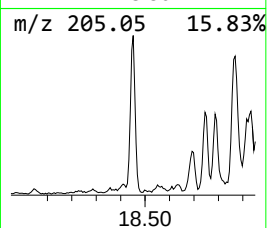
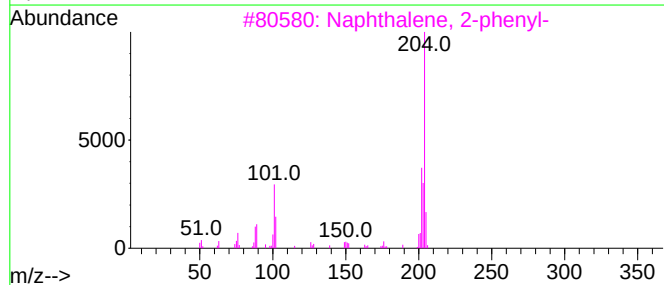
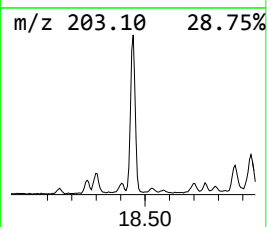
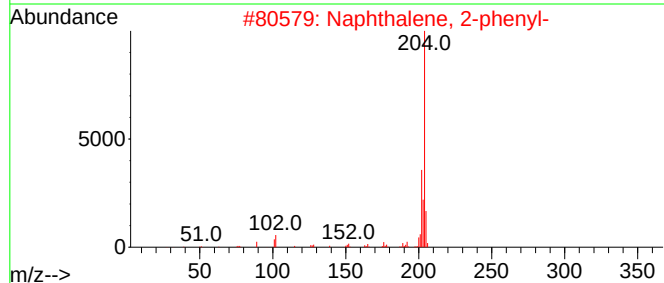
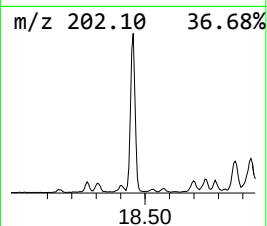
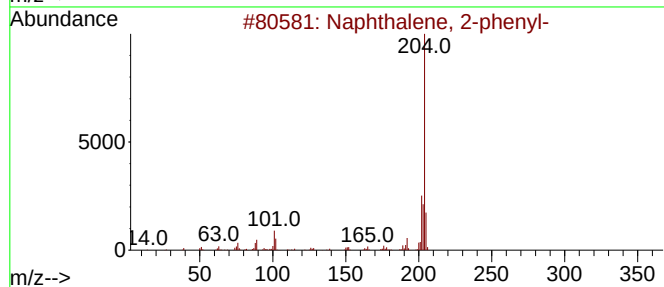
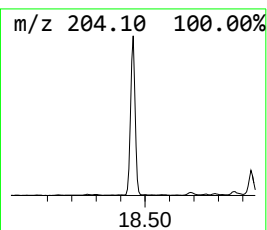
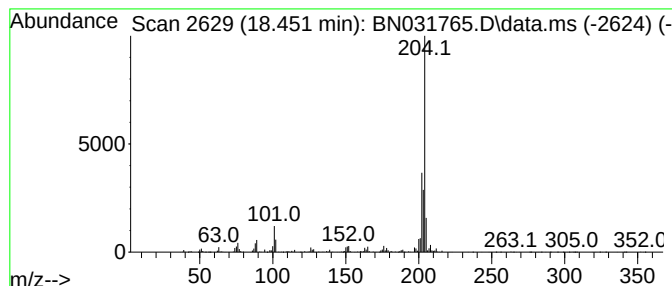
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	5.15 ng/ul	815448	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH629DL

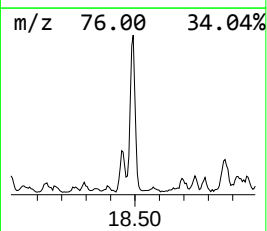
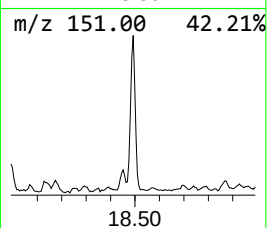
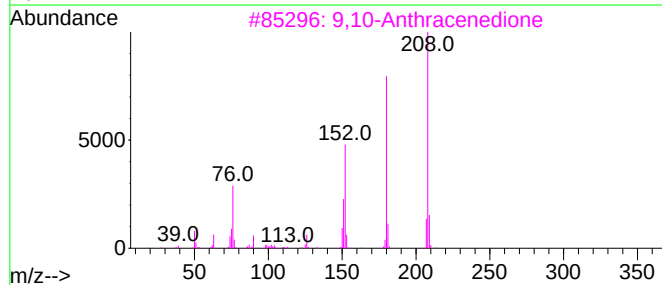
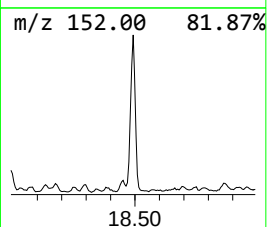
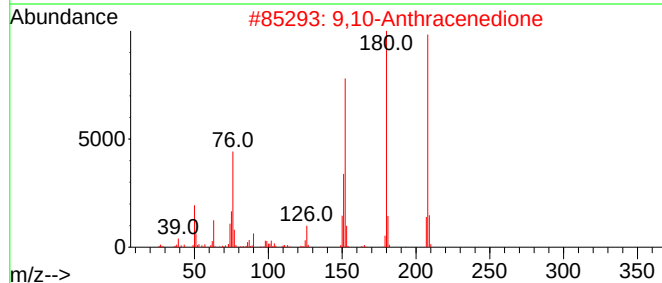
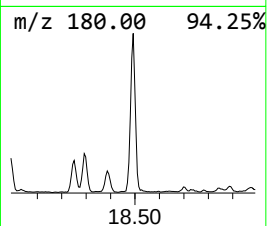
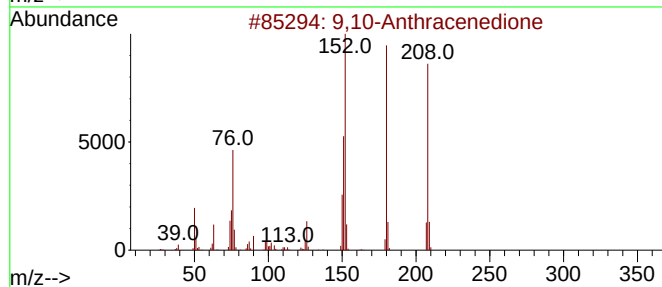
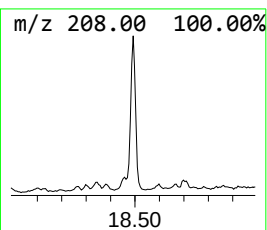
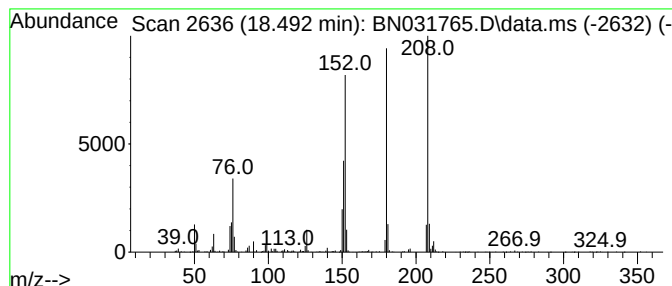
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	4.84 ng/ul	766318	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	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	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
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Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

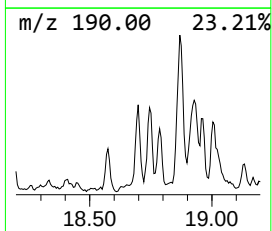
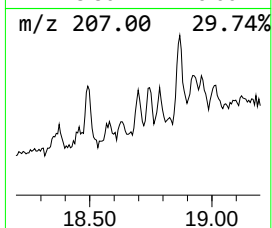
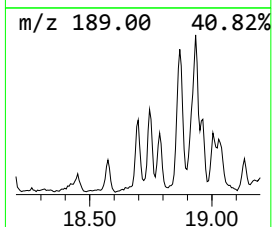
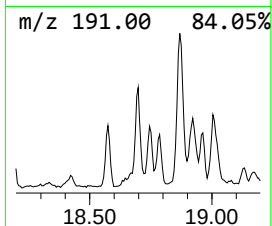
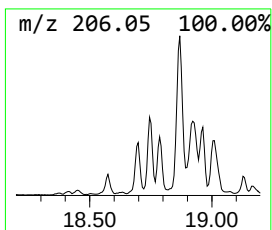
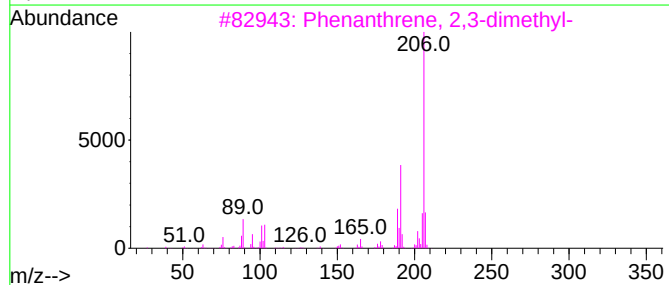
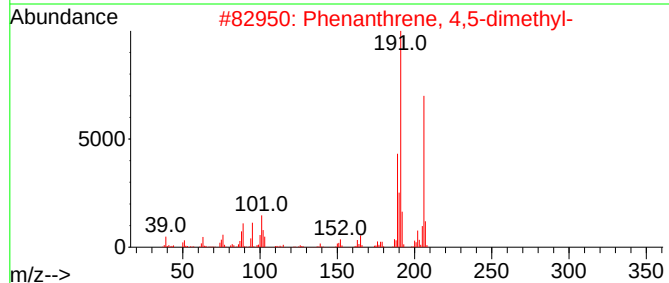
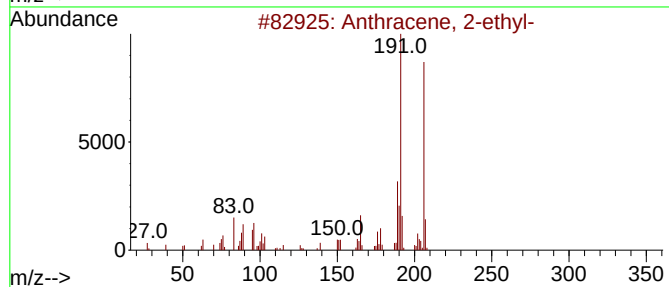
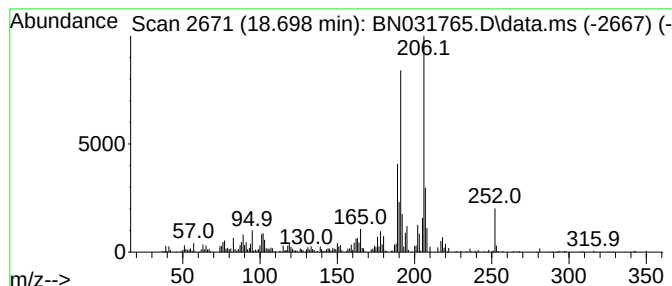
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.698	2.08 ng/ul	328665	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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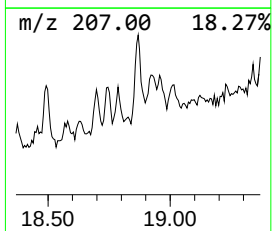
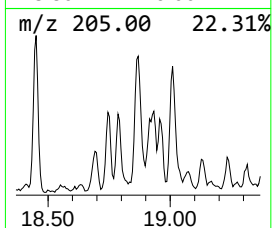
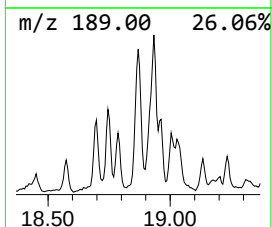
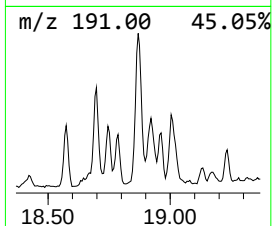
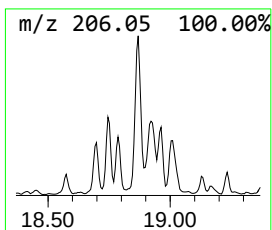
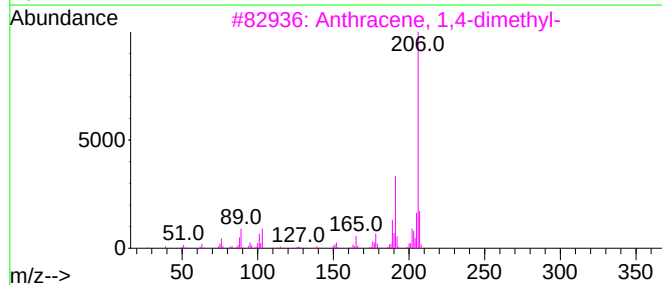
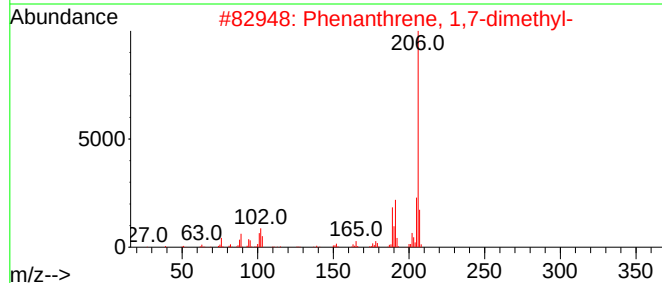
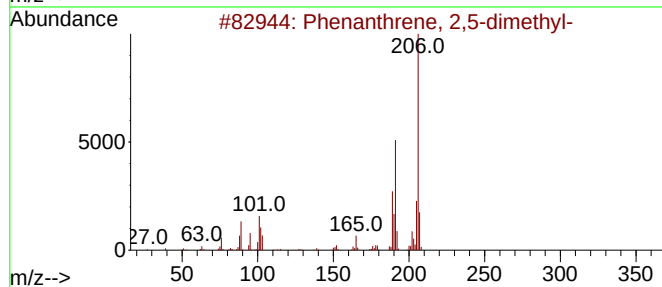
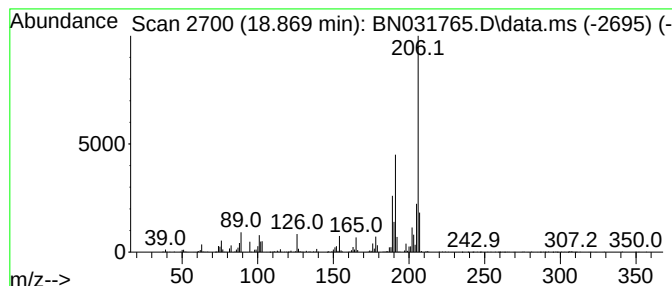
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	5.11 ng/ul	809492	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



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Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
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Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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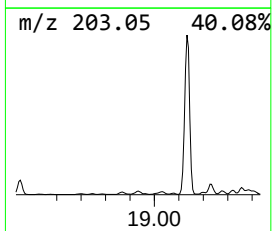
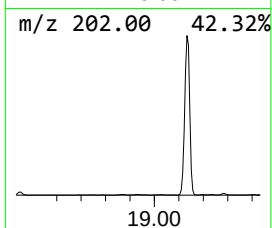
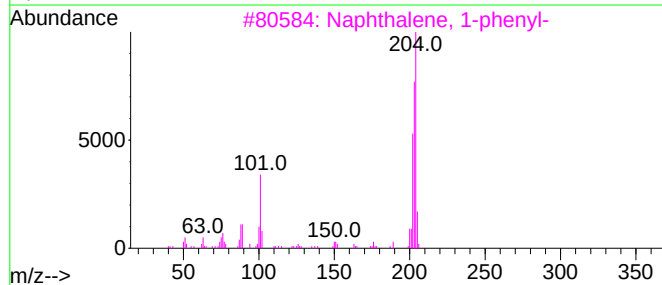
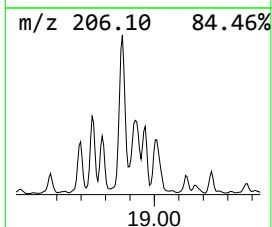
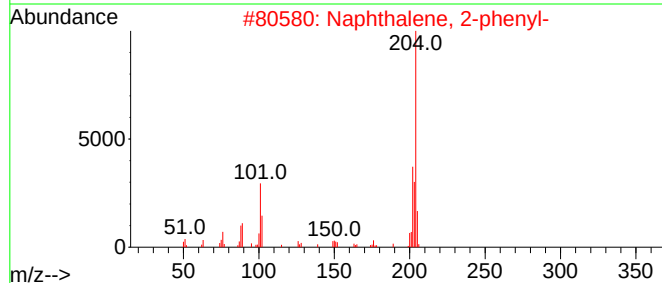
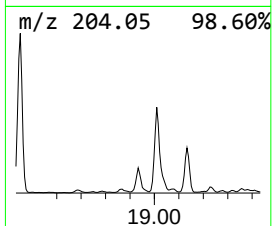
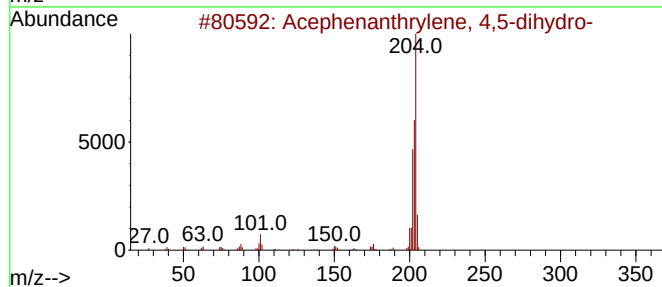
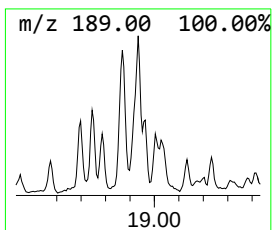
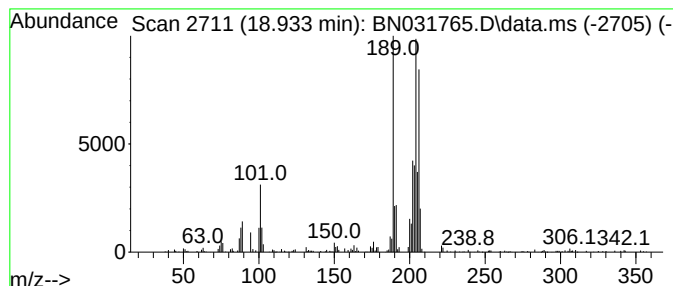
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Acephenanthrylene, 4,5-dihy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	2.05 ng/ul	323993	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	72
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	51
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
4			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
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Misc :
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Instrument :
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ClientSampleId :
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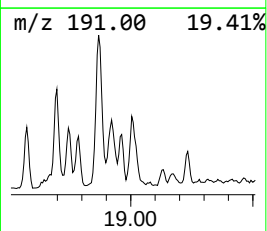
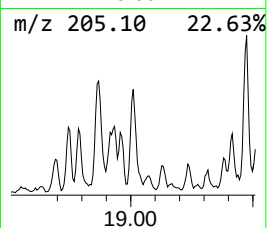
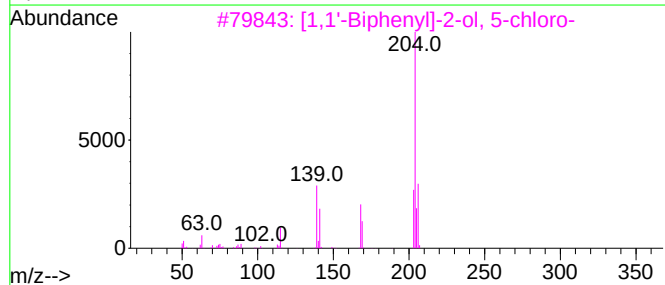
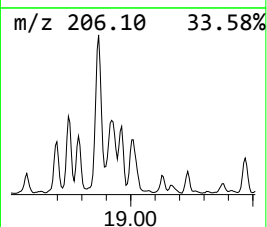
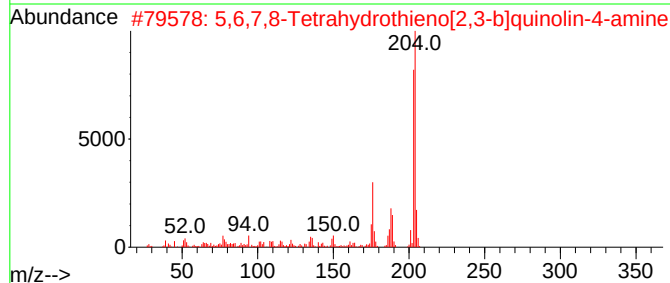
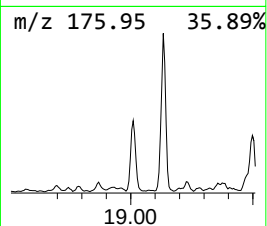
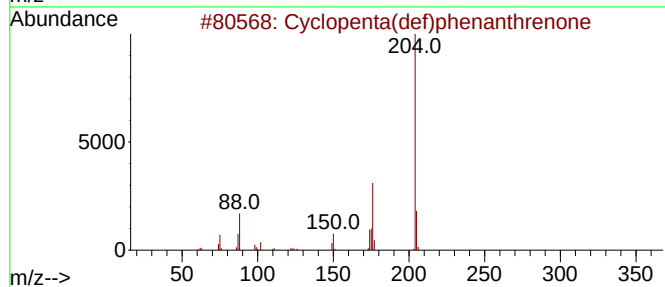
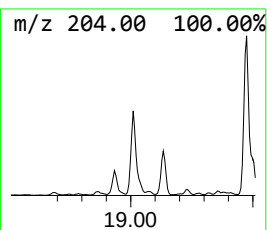
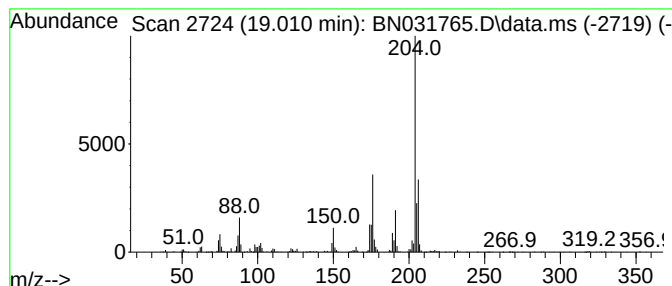
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	4.83 ng/ul	765197	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4			Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	46
5			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
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ALS Vial : 14 Sample Multiplier: 1

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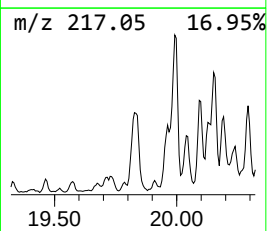
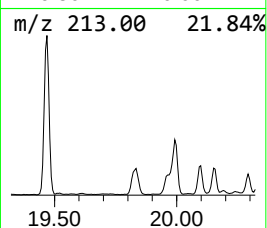
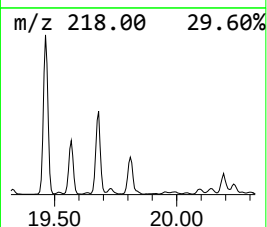
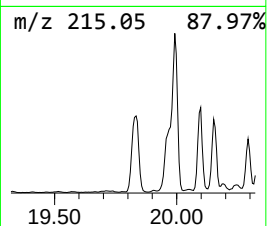
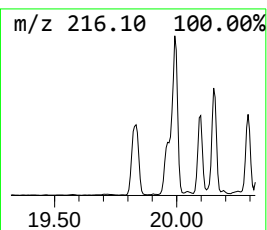
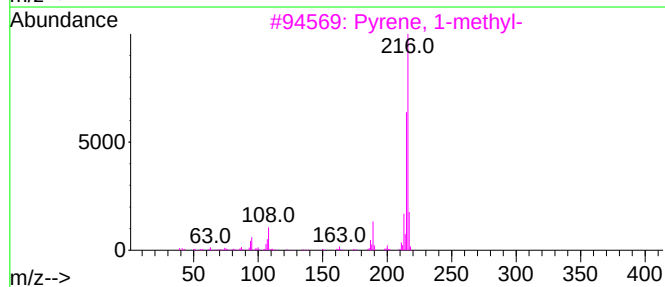
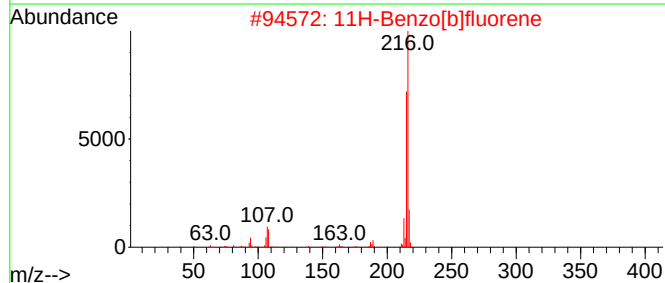
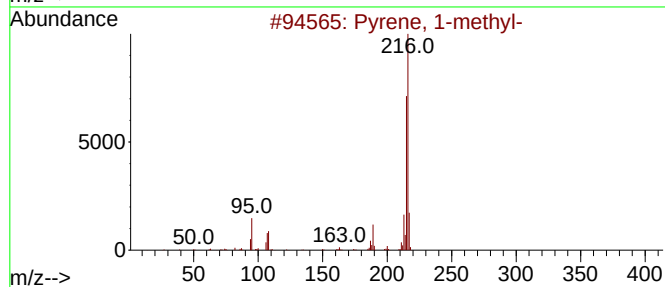
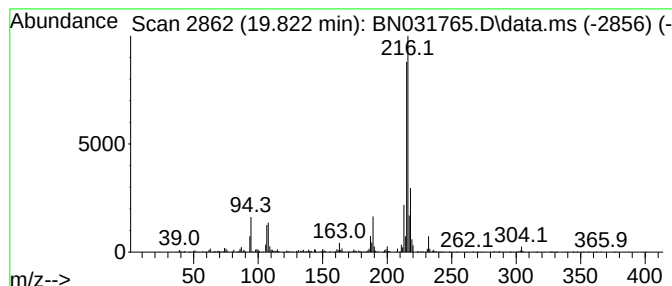
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	3.33 ng/ul	1349020	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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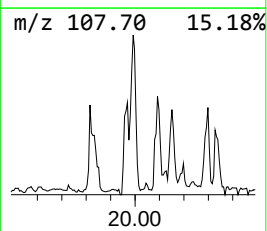
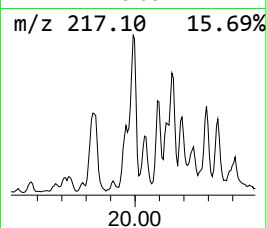
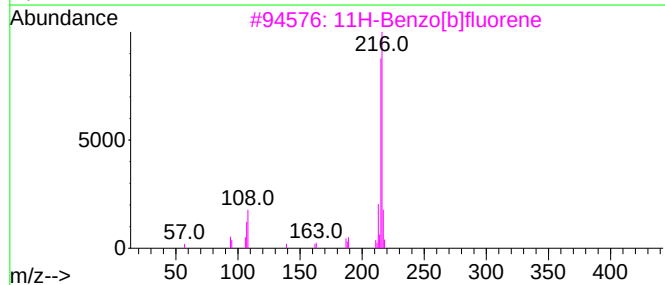
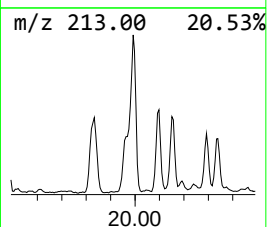
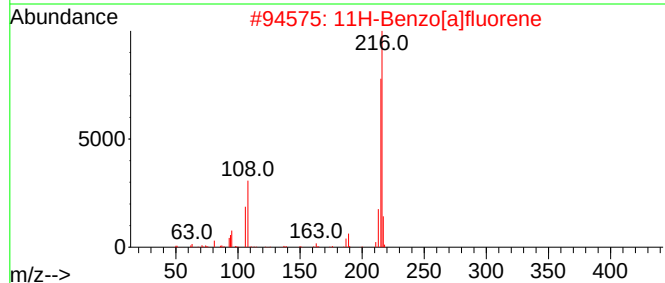
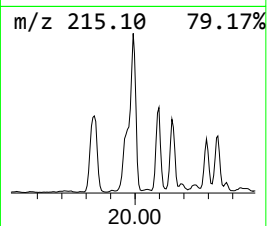
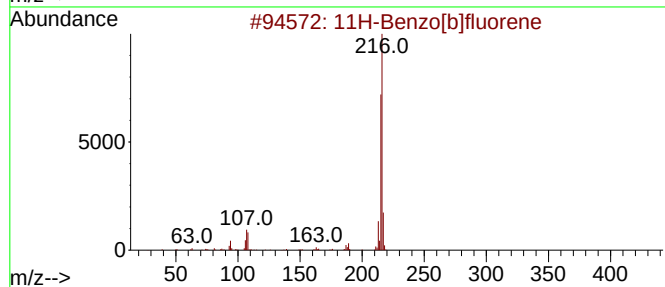
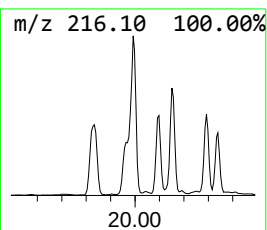
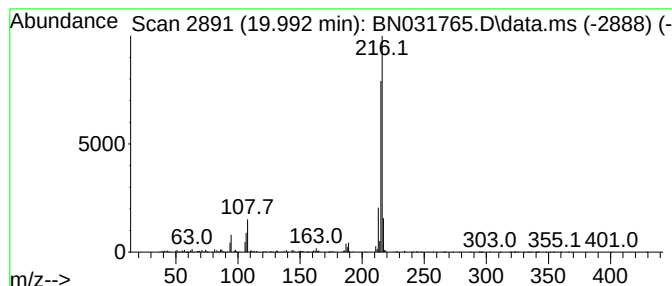
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.77 ng/ul	1123000	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

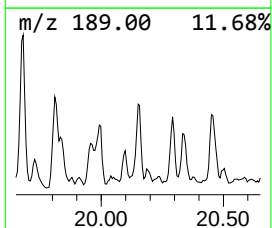
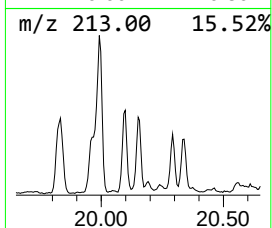
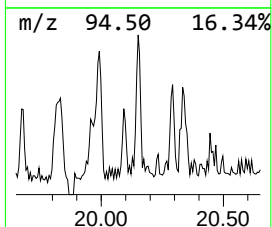
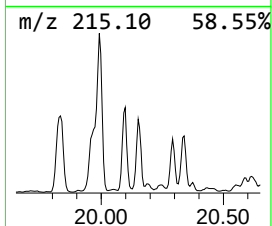
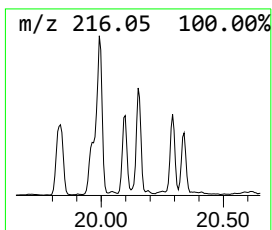
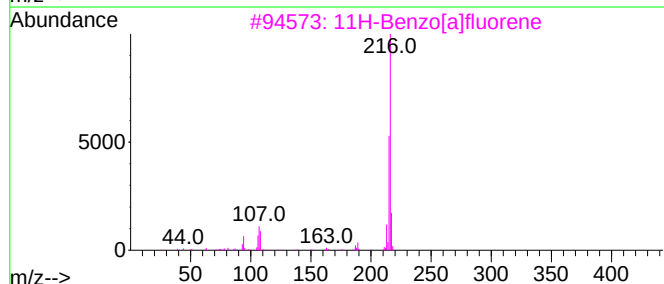
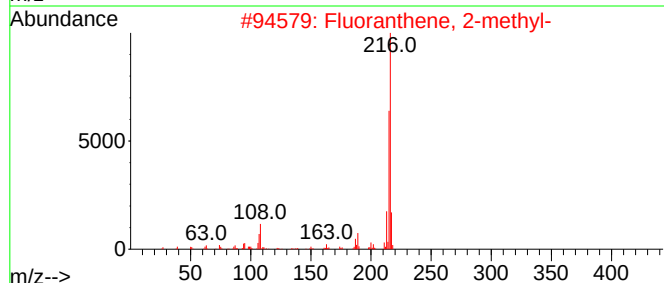
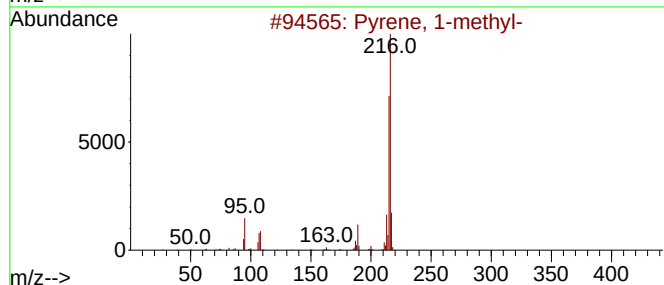
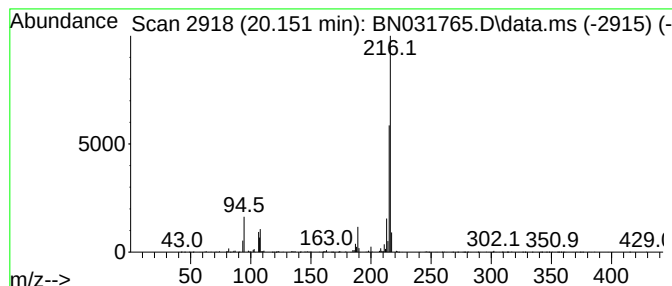
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.151	2.05 ng/ul	828570	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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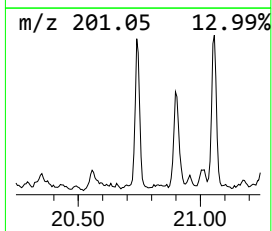
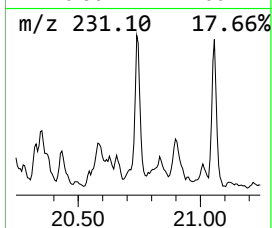
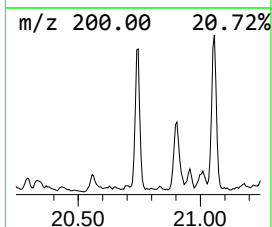
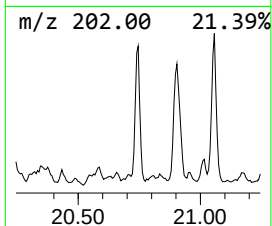
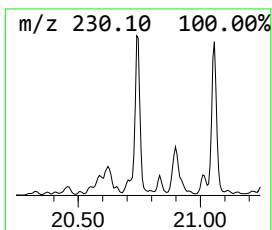
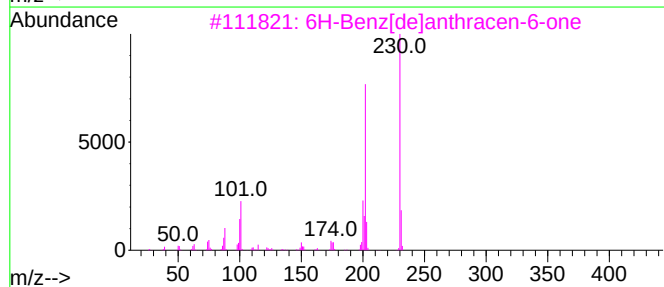
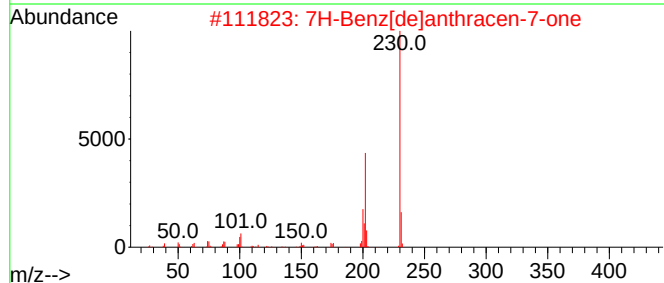
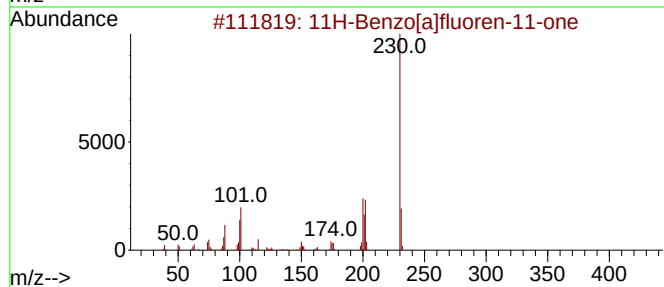
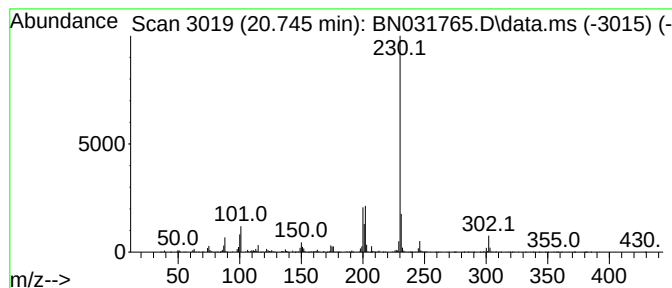
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	2.68 ng/ul	1084470	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
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\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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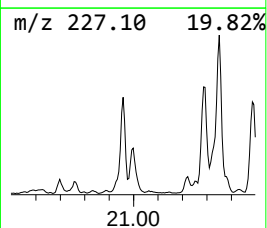
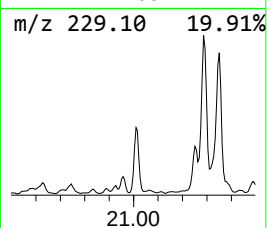
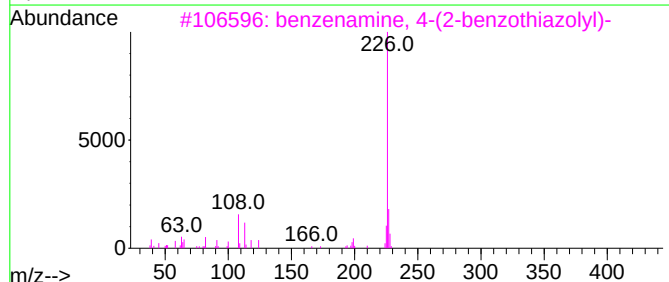
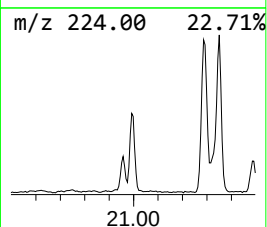
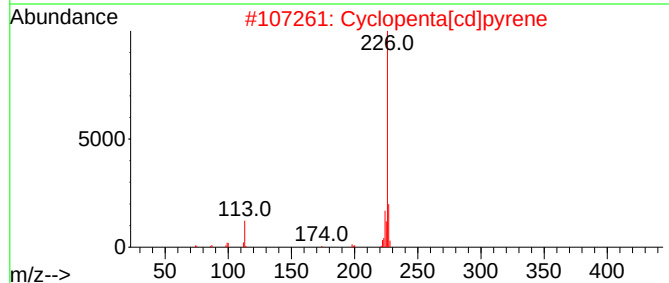
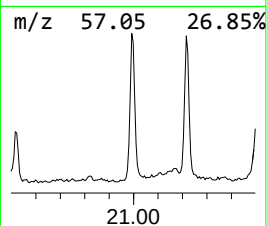
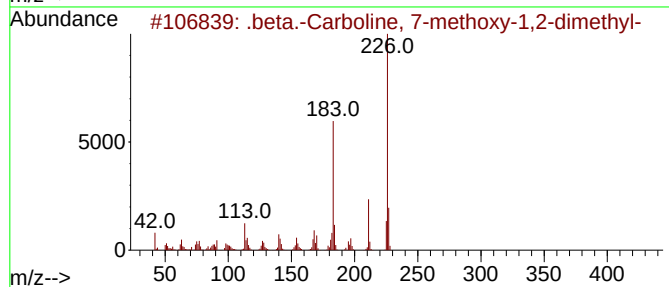
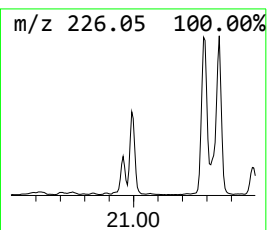
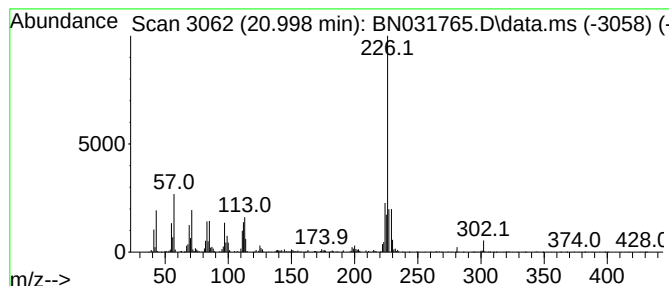
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 .beta.-Carboline, 7-methoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	3.49 ng/ul	1412180	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
2			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
3			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
4			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	50
5			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

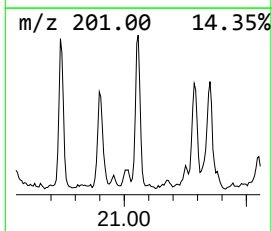
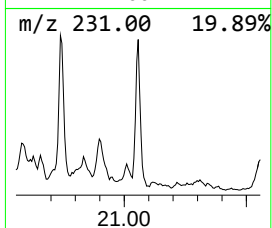
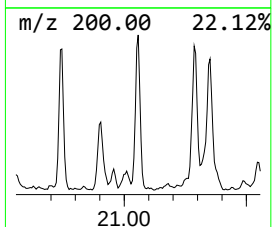
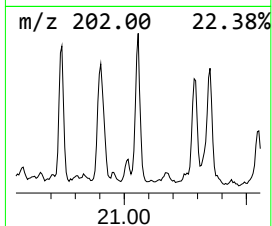
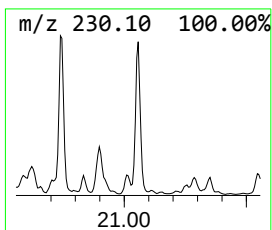
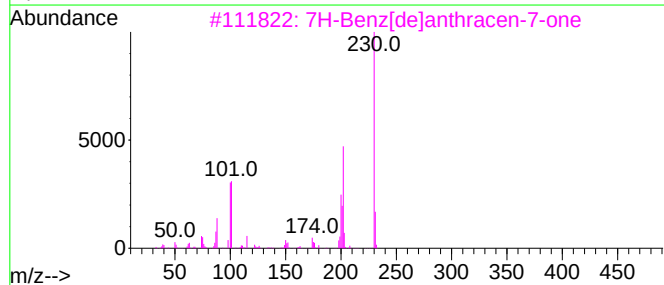
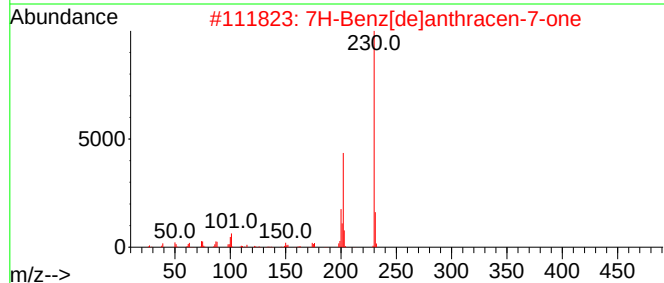
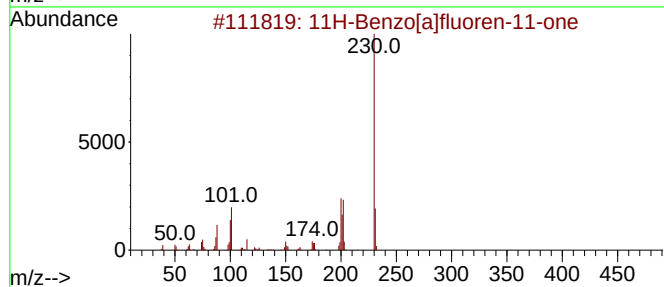
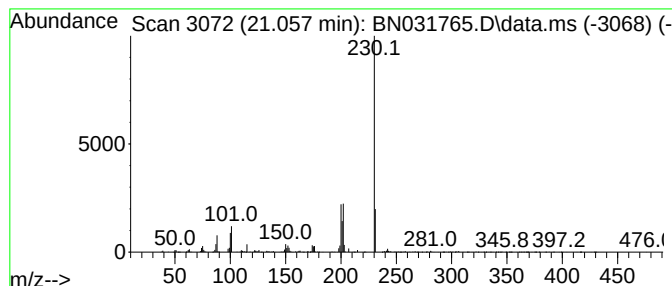
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.057	2.91 ng/ul	1176600	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031765.D
Acq On : 03 Jun 2024 18:36
Operator : MA/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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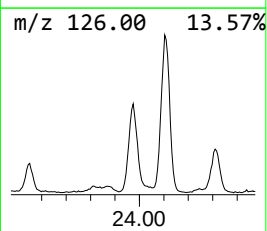
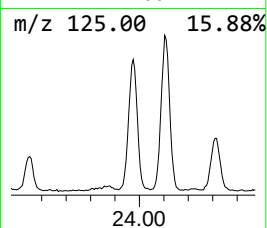
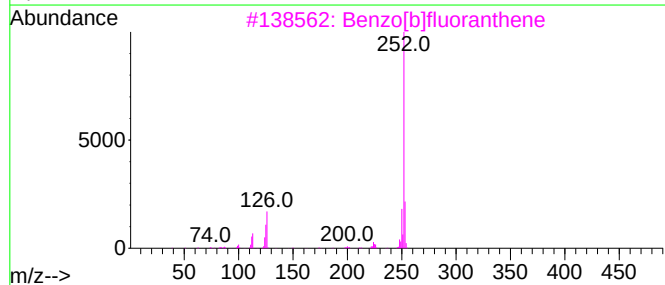
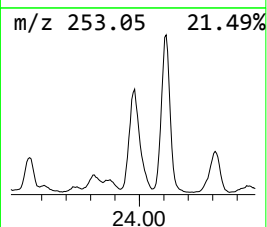
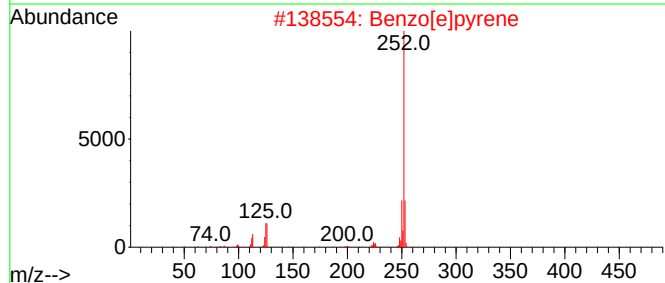
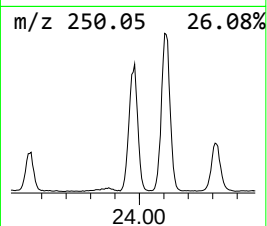
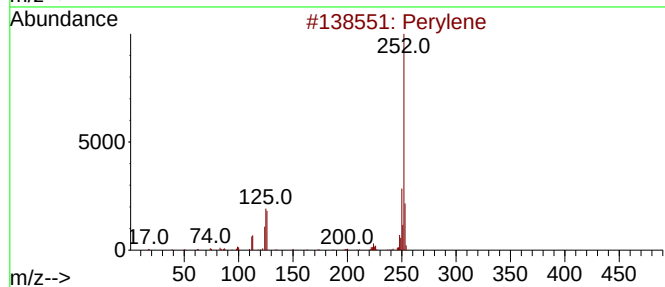
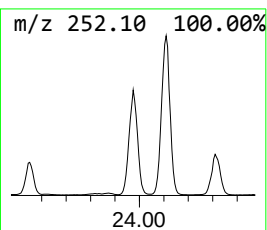
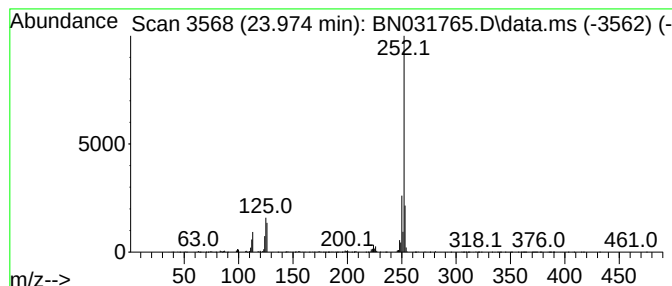
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	23.17 ng/ul	2417450	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	99
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4			Benzo[a]pyrene	252	C20H12	000050-32-8	95
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031765.D
 Acq On : 03 Jun 2024 18:36
 Operator : MA/JU
 Sample : P2549-13DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH629DL

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
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[1,1'-Biphenyl]...	15.816	2.2	ng/ul	344515	4	17.075	3167690	20.0
9H-Fluoren-9-one	16.727	3.2	ng/ul	513766	4	17.075	3167690	20.0
Dibenzothiophene	16.886	3.4	ng/ul	537720	4	17.075	3167690	20.0
Anthracene, 2-m...	17.945	7.6	ng/ul	1199660	4	17.075	3167690	20.0
Phenanthrene, 2...	17.992	12.4	ng/ul	1962140	4	17.075	3167690	20.0
Anthracene, 1-m...	18.075	3.0	ng/ul	477795	4	17.075	3167690	20.0
4H-Cyclopenta[d...	18.139	12.6	ng/ul	2001120	4	17.075	3167690	20.0
Anthracene, 9-m...	18.174	4.3	ng/ul	689033	4	17.075	3167690	20.0
Naphthalene, 2-...	18.451	5.2	ng/ul	815448	4	17.075	3167690	20.0
9,10-Anthracene...	18.492	4.8	ng/ul	766318	4	17.075	3167690	20.0
Anthracene, 2-e...	18.698	2.1	ng/ul	328665	4	17.075	3167690	20.0
Phenanthrene, 2...	18.869	5.1	ng/ul	809492	4	17.075	3167690	20.0
Acephenanthryle...	18.933	2.0	ng/ul	323993	4	17.075	3167690	20.0
Cyclopenta(def)...	19.010	4.8	ng/ul	765197	4	17.075	3167690	20.0
Pyrene, 1-methyl-	19.822	3.3	ng/ul	1349020	5	21.310	8094520	20.0
11H-Benzo[b]flu...	19.992	2.8	ng/ul	1123000	5	21.310	8094520	20.0
Fluoranthene, 2...	20.151	2.0	ng/ul	828570	5	21.310	8094520	20.0
11H-Benzo[a]flu...	20.745	2.7	ng/ul	1084470	5	21.310	8094520	20.0
.beta.-Carbolin...	20.998	3.5	ng/ul	1412180	5	21.310	8094520	20.0
7H-Benz[de]anth...	21.057	2.9	ng/ul	1176600	5	21.310	8094520	20.0
Perylene	23.974	23.2	ng/ul	2417450	6	24.245	2087150	20.0