

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031731.D
 Acq On : 31 May 2024 00:52
 Operator : MA/JU
 Sample : P2549-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBM8

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: BN031731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.452	75	79	93	rBV	216843	298599	1.70%	0.122%
2	3.599	100	104	117	rBV	474139	775325	4.43%	0.318%
3	3.705	117	122	129	rVB	262077	364496	2.08%	0.149%
4	6.852	647	657	670	rVB2	1547851	3015884	17.22%	1.235%
5	7.022	680	686	698	rVB	1182286	1885244	10.76%	0.772%
6	7.216	712	719	726	rBV	1478878	2344968	13.39%	0.960%
7	7.287	726	731	737	rVV	162208	281485	1.61%	0.115%
8	7.687	790	799	805	rBV	1557585	2506997	14.31%	1.027%
9	8.387	910	918	925	rBV	1737850	2759790	15.75%	1.130%
10	8.840	988	995	1003	rBV	1447012	2375314	13.56%	0.973%
11	9.405	1085	1091	1103	rVB	143444	228376	1.30%	0.094%
12	9.558	1110	1117	1125	rBV	1116116	1849081	10.56%	0.757%
13	10.087	1200	1207	1217	rBV	1903359	3164615	18.07%	1.296%
14	10.469	1263	1272	1278	rBV	2354647	4013063	22.91%	1.644%
15	10.610	1286	1296	1312	rVV	957409	1768506	10.10%	0.724%
16	11.210	1391	1398	1405	rBV	600445	1027596	5.87%	0.421%
17	12.175	1557	1562	1570	rVB	785214	1236547	7.06%	0.506%
18	13.740	1823	1828	1839	rVB	3398370	4763747	27.19%	1.951%
19	14.016	1869	1875	1894	rVB	3889214	6386752	36.46%	2.616%
20	14.328	1917	1928	1934	rBV	3700330	5566529	31.78%	2.280%
21	14.387	1934	1938	1947	rVB	279551	422669	2.41%	0.173%
22	14.540	1956	1964	1965	rBV2	6968425	9355378	53.41%	3.832%
23	14.728	1992	1996	2004	rVV	148175	307478	1.76%	0.126%
24	15.322	2090	2097	2102	rVV	5157126	7292988	41.63%	2.987%
25	15.381	2102	2107	2112	rVV2	294702	512139	2.92%	0.210%
26	15.445	2112	2118	2124	rVV	1252327	1748895	9.98%	0.716%
27	15.669	2151	2156	2163	rVB	115915	197230	1.13%	0.081%
28	15.816	2173	2181	2188	rVB3	103806	226913	1.30%	0.093%
29	16.051	2215	2221	2228	rVB4	178318	319541	1.82%	0.131%
30	16.381	2274	2277	2281	rVV2	119753	189941	1.08%	0.078%
31	16.610	2308	2316	2319	rBV3	102964	192709	1.10%	0.079%
32	16.728	2331	2336	2343	rVB	362306	553739	3.16%	0.227%
33	16.839	2352	2355	2359	rVV4	104781	180503	1.03%	0.074%
34	16.892	2359	2364	2371	rVB	281126	443626	2.53%	0.182%
35	16.987	2376	2380	2386	rBV4	118131	218826	1.25%	0.090%
36	17.075	2388	2395	2398	rBV	4372325	6344574	36.22%	2.599%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	17.116	2398	2402	2407	rVV	5688570	7924829	45.24%	3.246%
38	17.175	2407	2412	2416	rVV	5249555	7854423	44.84%	3.217%
39	17.204	2416	2417	2422	rVV	949159	929113	5.30%	0.381%
40	17.263	2422	2427	2432	rVV3	168556	279065	1.59%	0.114%
41	17.475	2454	2463	2468	rBV2	588898	1131812	6.46%	0.464%
42	17.592	2478	2483	2489	rBV3	159970	289655	1.65%	0.119%
43	17.651	2489	2493	2502	rVB3	230584	400219	2.28%	0.164%
44	17.792	2514	2517	2523	rVB	109586	186018	1.06%	0.076%
45	17.869	2525	2530	2535	rBV2	219675	353494	2.02%	0.145%
46	17.951	2538	2544	2546	rVV	1006525	1490180	8.51%	0.610%
47	17.986	2546	2550	2557	rVV2	2390072	4783830	27.31%	1.959%
48	18.045	2557	2560	2563	rVV	339575	542823	3.10%	0.222%
49	18.075	2563	2565	2570	rVV	350857	479955	2.74%	0.197%
50	18.139	2570	2576	2580	rVV2	1509236	2705415	15.44%	1.108%
51	18.181	2580	2583	2589	rVB	745403	1012494	5.78%	0.415%
52	18.269	2594	2598	2600	rVV3	105952	181887	1.04%	0.075%
53	18.298	2600	2603	2607	rVV4	167782	254536	1.45%	0.104%
54	18.451	2625	2629	2633	rBV	715799	992793	5.67%	0.407%
55	18.492	2633	2636	2643	rVB	1153044	1532401	8.75%	0.628%
56	18.698	2668	2671	2675	rVV	305314	391306	2.23%	0.160%
57	18.751	2676	2680	2683	rVV	334178	407443	2.33%	0.167%
58	18.786	2683	2686	2691	rVB	286698	373082	2.13%	0.153%
59	18.875	2691	2701	2705	rBV2	926918	1872464	10.69%	0.767%
60	18.933	2705	2711	2714	rVV4	532543	952014	5.43%	0.390%
61	18.963	2714	2716	2720	rVB	277983	301172	1.72%	0.123%
62	19.010	2720	2724	2731	rBV	734158	1358220	7.75%	0.556%
63	19.139	2740	2746	2753	rVB	12717352	17517623	100.00%	7.175%
64	19.233	2759	2762	2764	rBV	231153	255870	1.46%	0.105%
65	19.269	2764	2768	2775	rVV2	845370	1423240	8.12%	0.583%
66	19.339	2776	2780	2783	rVV2	208157	296845	1.69%	0.122%
67	19.381	2783	2787	2791	rVV	380805	479994	2.74%	0.197%
68	19.475	2797	2803	2805	rBV3	7332488	11602618	66.23%	4.752%
69	19.504	2805	2808	2815	rVV	10577580	14393604	82.17%	5.896%
70	19.575	2815	2820	2825	rVB2	602342	957466	5.47%	0.392%
71	19.681	2834	2838	2843	rVB	549451	771914	4.41%	0.316%
72	19.739	2844	2848	2854	rVB2	482226	787960	4.50%	0.323%
73	19.828	2857	2863	2869	rBV3	831744	2096104	11.97%	0.859%
74	19.963	2880	2886	2888	rBV5	712562	1295101	7.39%	0.530%
75	19.998	2888	2892	2895	rVV2	1455456	2194303	12.53%	0.899%
76	20.028	2895	2897	2901	rVB3	216163	216604	1.24%	0.089%

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 Title : SVOA CALIBRATION

77	20.098	2905	2909	2912	rVV2	989135	1248396	7.13%	0.511%
78	20.151	2913	2918	2922	rVV2	1182691	1980694	11.31%	0.811%
79	20.192	2922	2925	2929	rVV	399419	516173	2.95%	0.211%
80	20.233	2930	2932	2938	rVV3	215315	386267	2.21%	0.158%
81	20.292	2939	2942	2946	rVV	761352	1005063	5.74%	0.412%
82	20.339	2946	2950	2955	rVV	747388	1187935	6.78%	0.487%
83	20.410	2959	2962	2966	rVB2	537590	607085	3.47%	0.249%
84	20.745	3015	3019	3026	rVB	1112757	1569877	8.96%	0.643%
85	20.916	3042	3048	3052	rVB3	908211	1674830	9.56%	0.686%
86	20.957	3052	3055	3058	rVV	922422	1161608	6.63%	0.476%
87	20.998	3058	3062	3068	rVV2	2202418	3568678	20.37%	1.462%
88	21.057	3068	3072	3079	rVB2	1031566	1681426	9.60%	0.689%
89	21.222	3096	3100	3104	rBV	2823378	3422347	19.54%	1.402%
90	21.292	3107	3112	3119	rVV3	5712542	13846298	79.04%	5.671%
91	21.351	3119	3122	3134	rVB	4948247	7403475	42.26%	3.032%
92	21.492	3142	3146	3152	rBV2	773490	1413078	8.07%	0.579%
93	22.063	3237	3243	3250	rVB3	996113	2024030	11.55%	0.829%
94	23.327	3450	3458	3464	rBV	3308938	9502508	54.25%	3.892%
95	23.427	3472	3475	3482	rVB2	1180439	2128347	12.15%	0.872%
96	23.980	3563	3569	3575	rBV	1591777	3623975	20.69%	1.484%
97	24.051	3575	3581	3586	rVV2	1827931	4001705	22.84%	1.639%
98	24.116	3586	3592	3604	rVB	2551118	6465323	36.91%	2.648%
99	24.251	3608	3615	3622	rBV	1599922	4319491	24.66%	1.769%
100	27.557	4172	4177	4178	rBV	675259	1011906	5.78%	0.414%

Sum of corrected areas: 244140467

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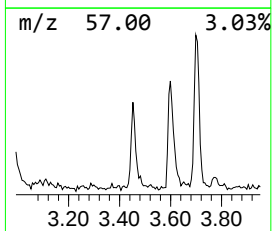
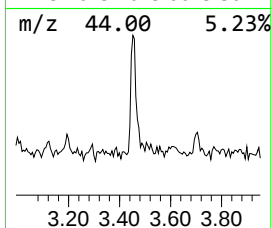
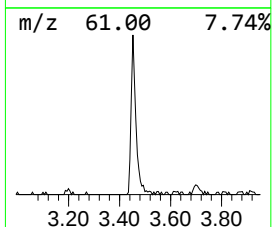
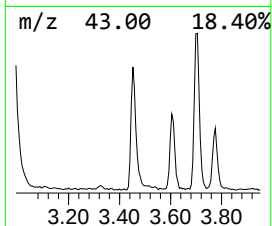
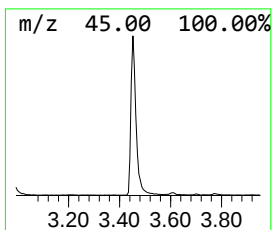
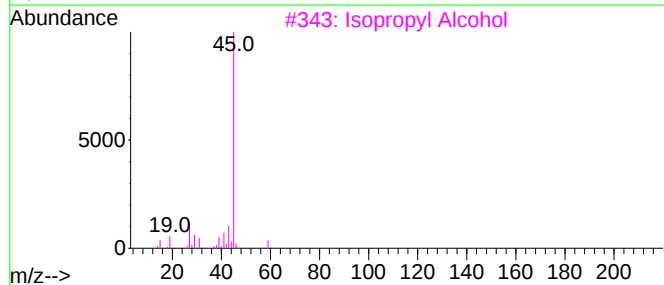
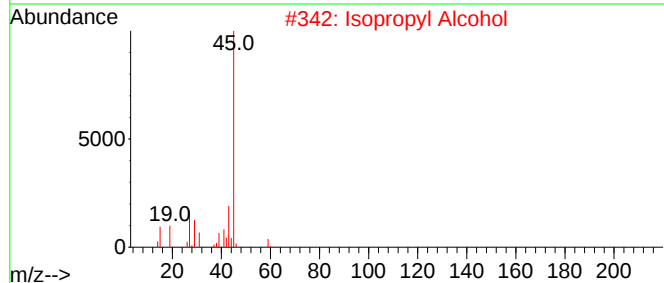
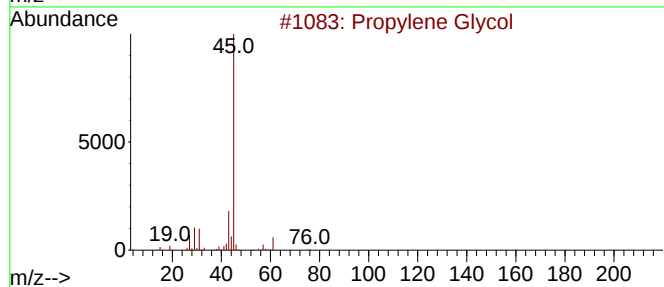
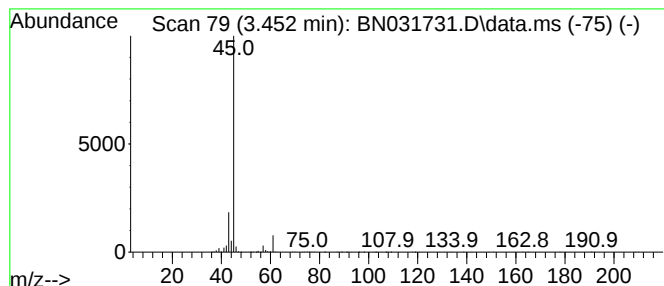
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.452	2.38 ng/ul	298599	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	74
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9



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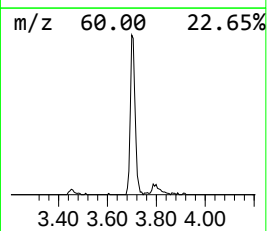
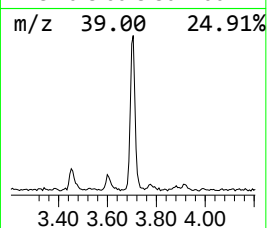
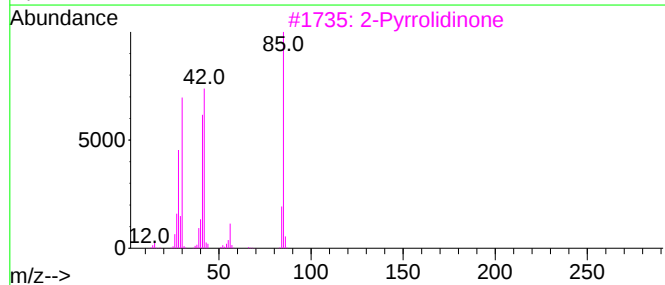
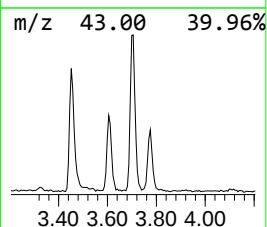
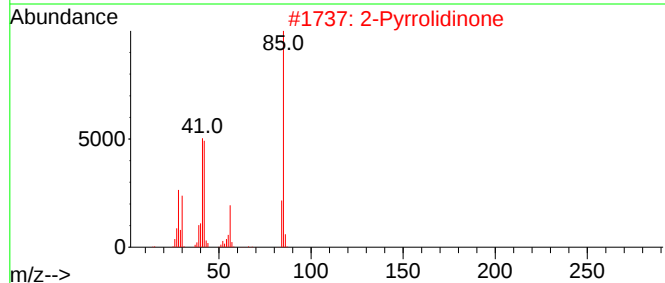
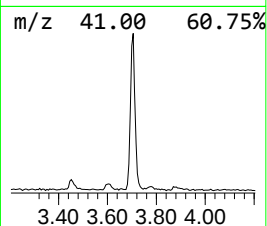
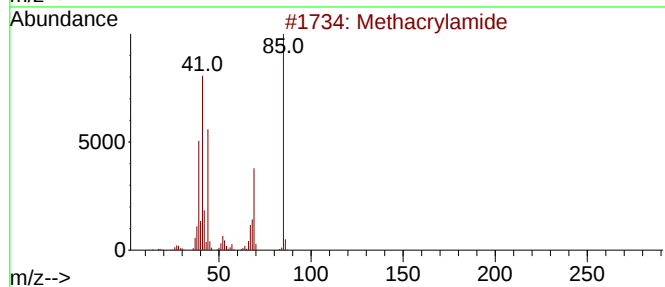
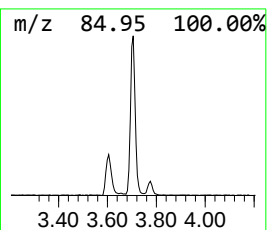
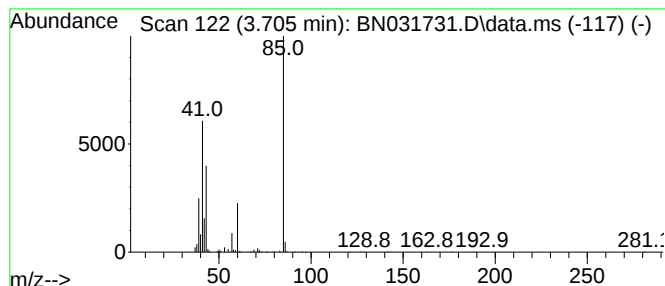
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.705	2.91 ng/ul	364496	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylamide	85	C4H7NO	000079-39-0	36
2			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4			Valeric acid, 3-tridecyl ester	284	C18H36O2	1000281-98-9	9
5			2(3H)-Furanone, 5-ethylidihydro-	114	C6H10O2	000695-06-7	9



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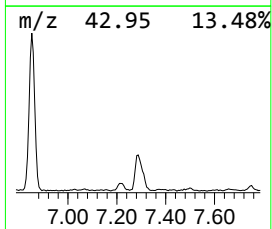
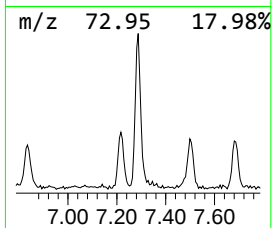
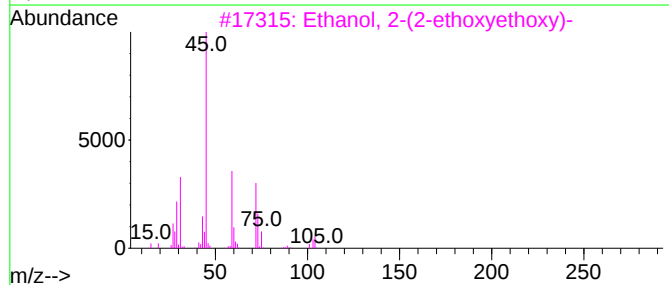
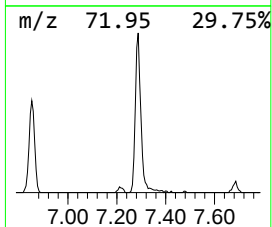
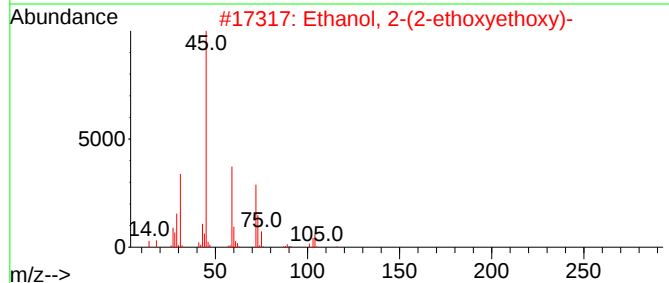
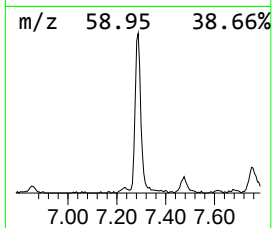
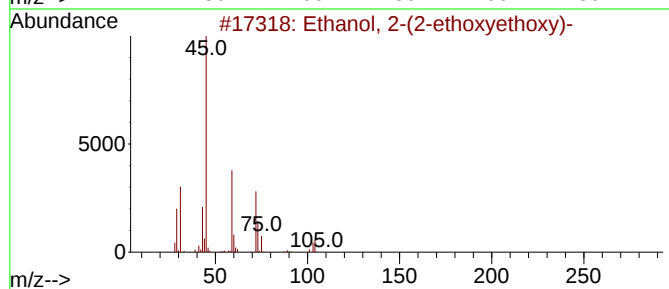
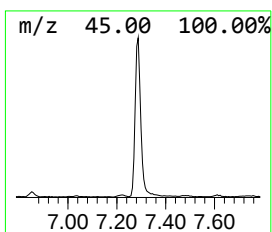
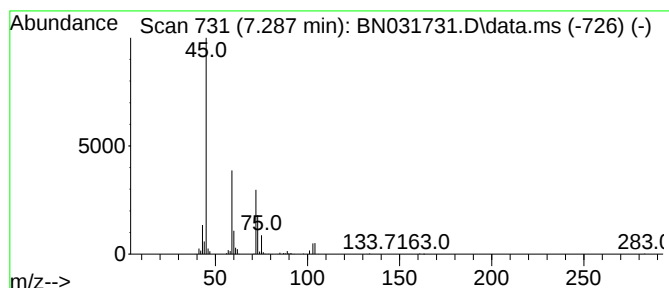
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.287	2.25 ng/ul	281485	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
4			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
5			Diethyl carbitol	162	C8H18O3	000112-36-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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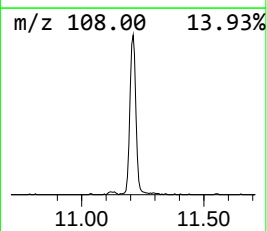
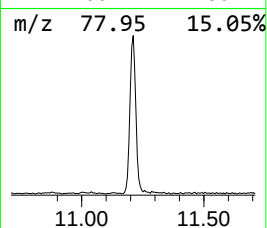
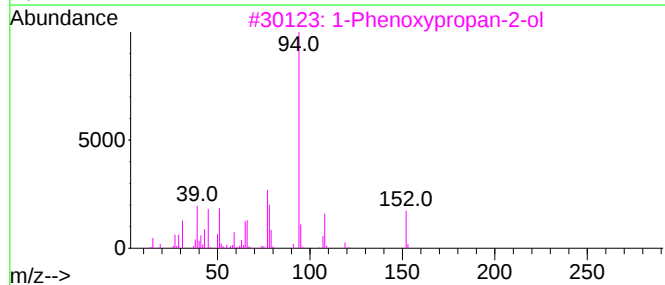
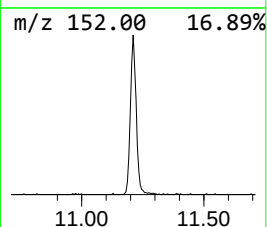
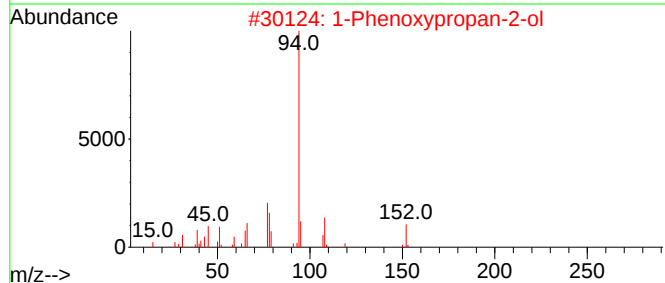
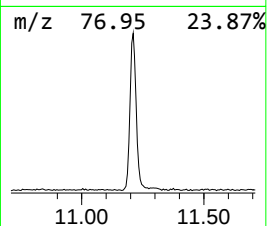
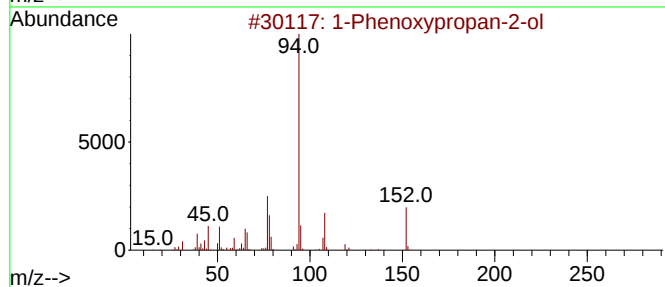
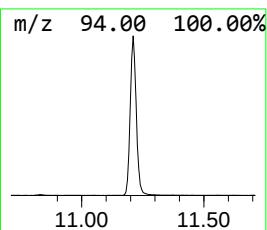
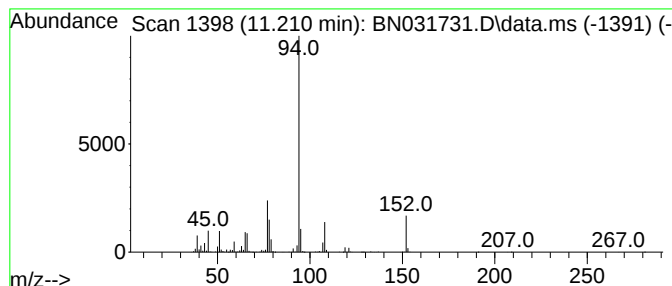
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	5.12 ng/ul	1027600	Naphthalene-d8	10.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
5			Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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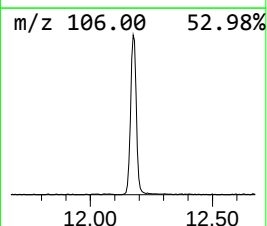
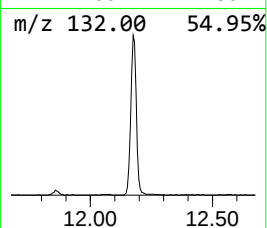
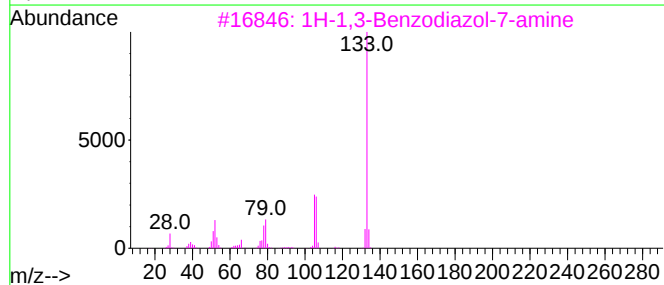
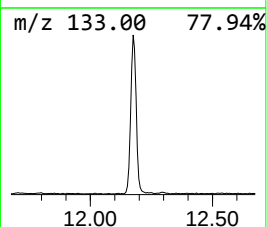
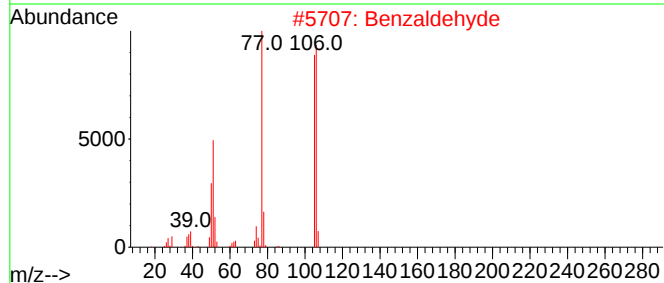
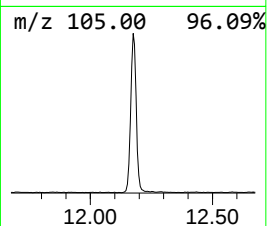
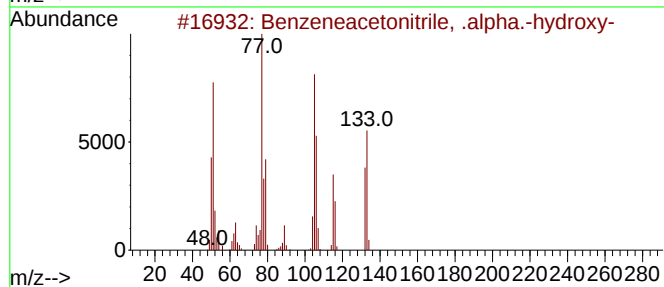
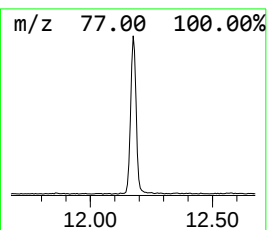
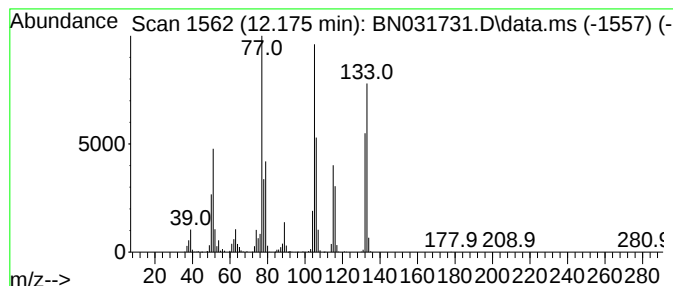
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzeneacetonitrile, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	6.16 ng/ul	1236550	Naphthalene-d8	10.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	97
2			Benzaldehyde	106	C7H6O	000100-52-7	42
3			1H-1,3-Benzodiazol-7-amine	133	C7H7N3	004331-29-7	42
4			Benzaldehyde	106	C7H6O	000100-52-7	38
5			2-Propen-1-one, 1-phenyl-	132	C9H8O	000768-03-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

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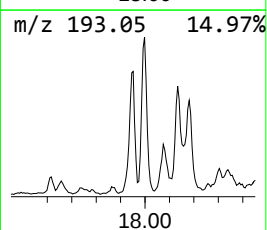
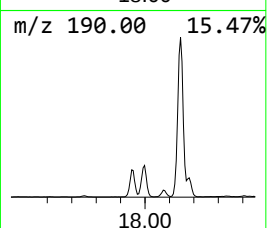
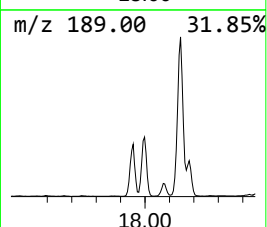
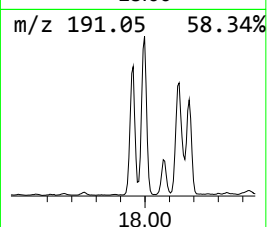
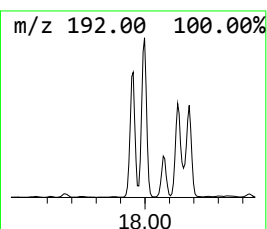
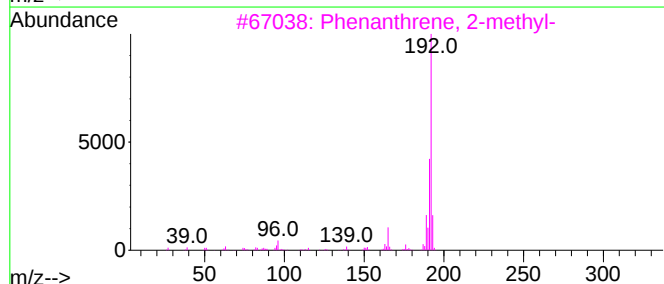
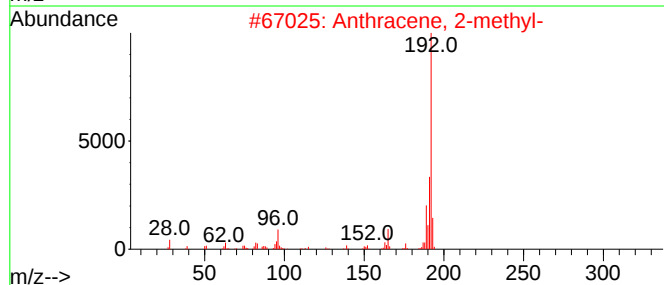
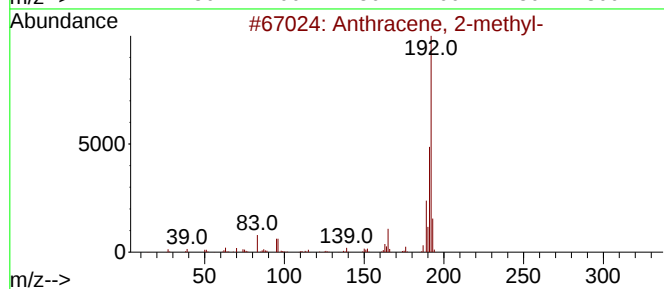
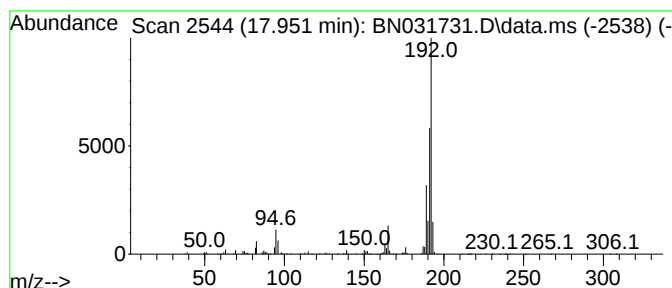
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.951	4.70 ng/ul	1490180	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
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Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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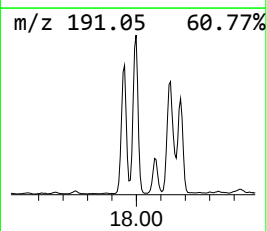
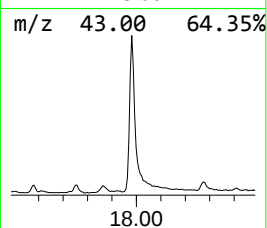
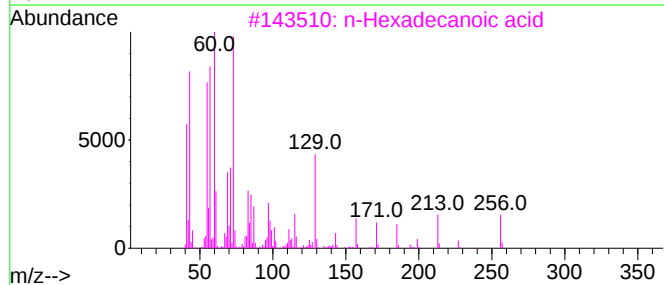
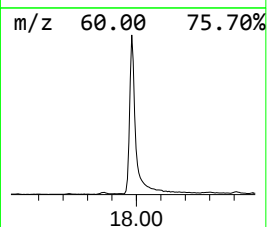
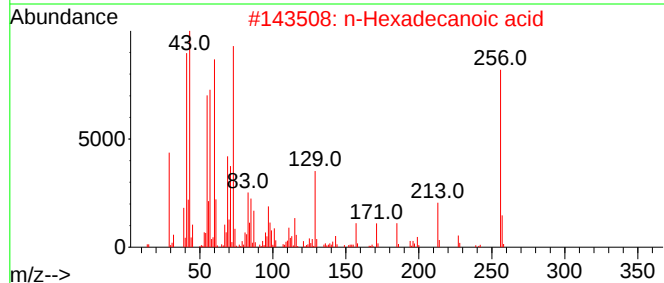
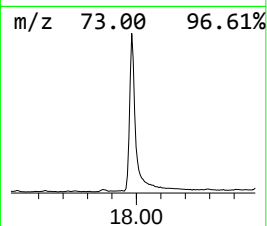
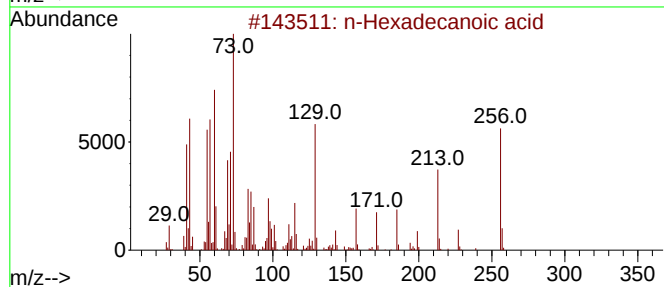
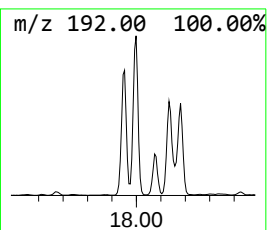
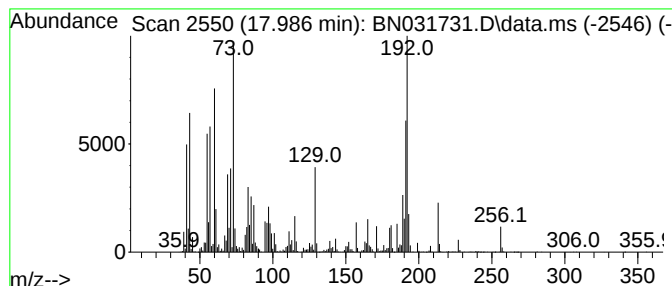
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	15.08 ng/ul	4783830	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
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Sample : P2549-20
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ClientSampleId :
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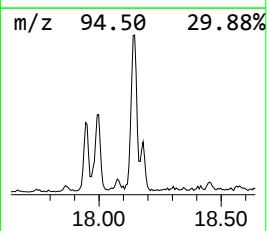
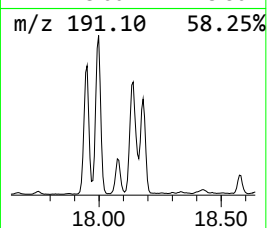
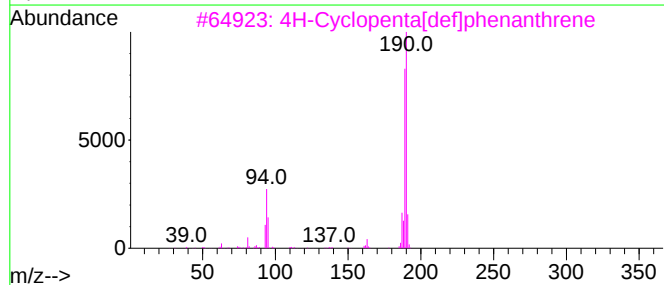
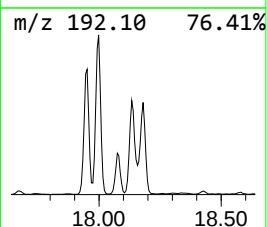
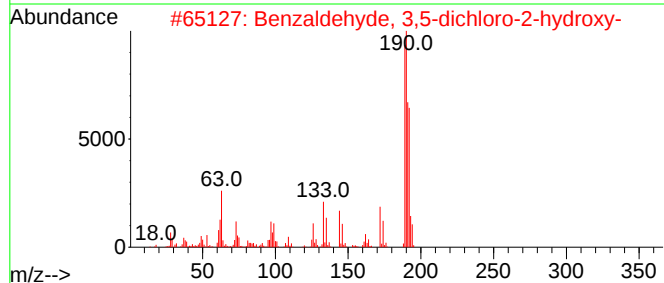
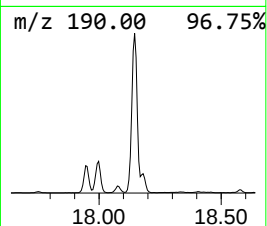
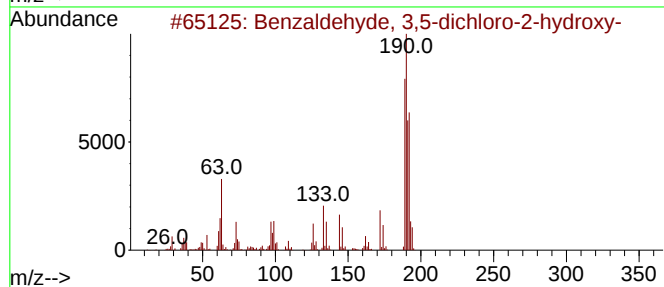
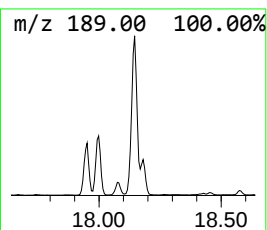
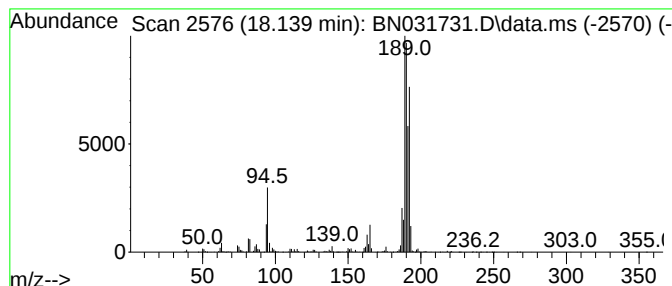
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	8.53 ng/ul	2705420	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
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Misc :
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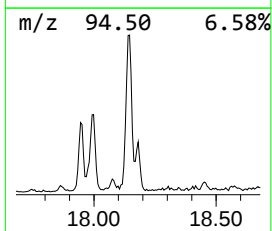
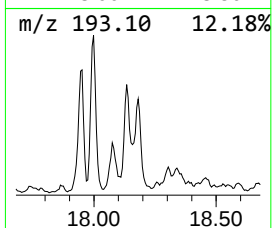
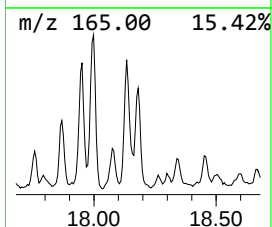
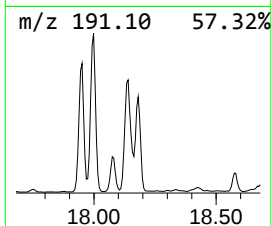
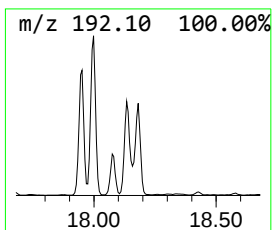
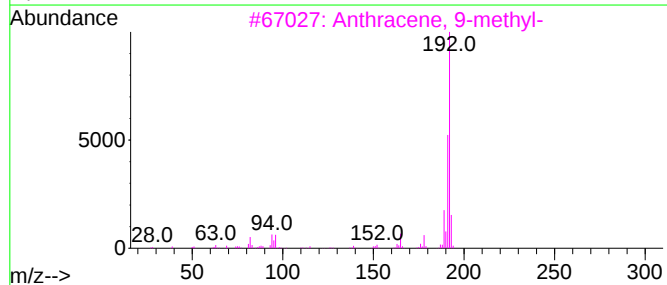
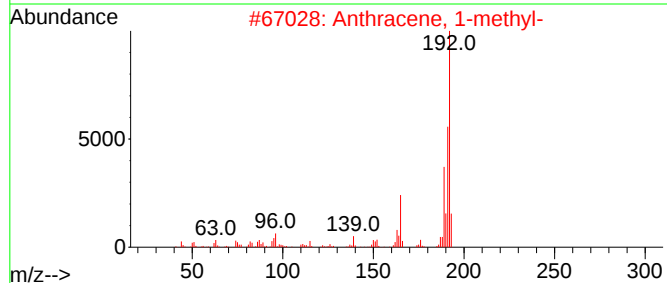
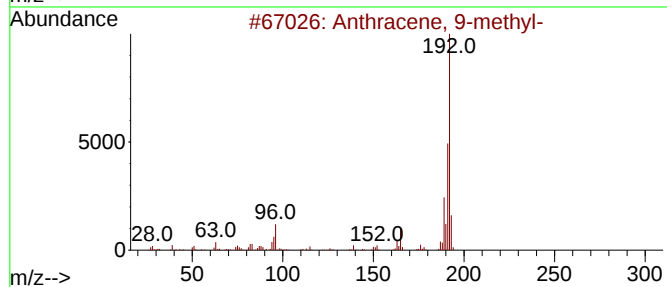
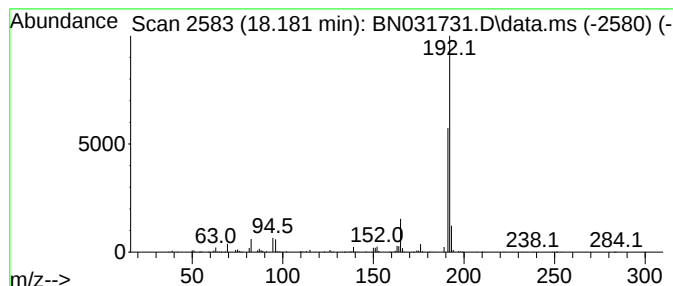
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	3.19 ng/ul	1012490	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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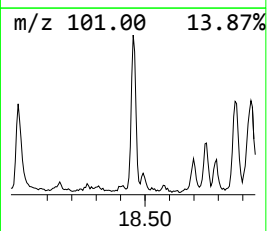
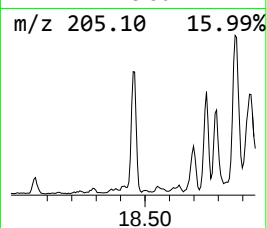
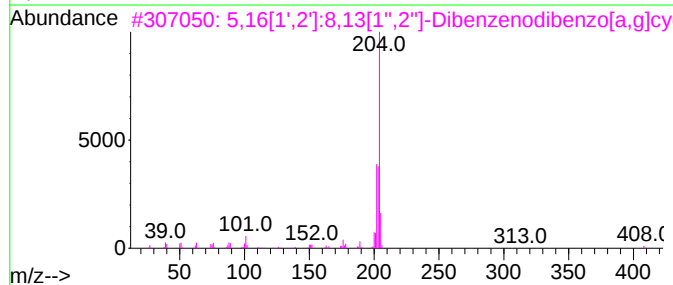
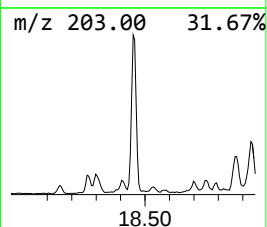
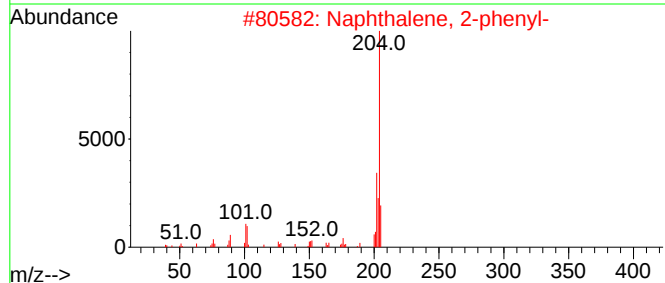
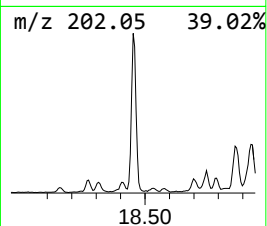
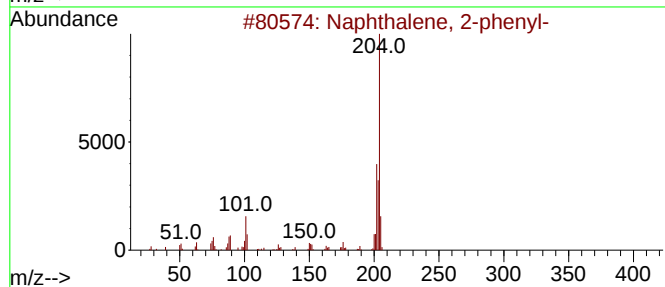
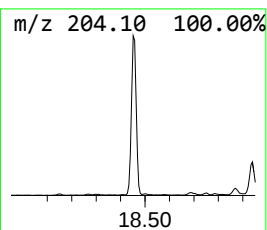
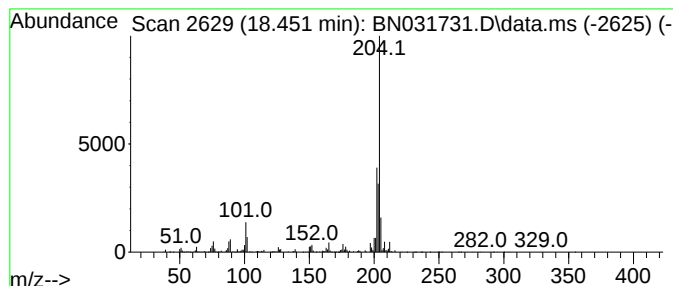
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.13 ng/ul	992793	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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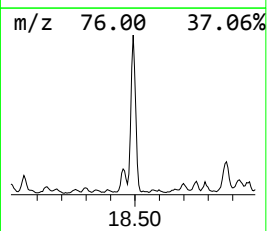
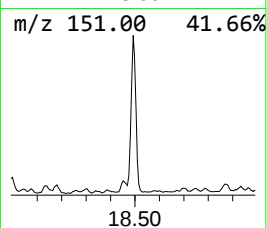
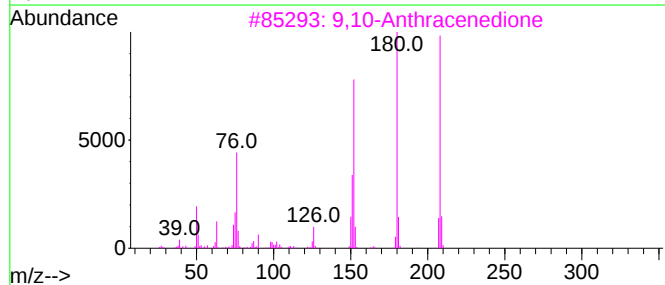
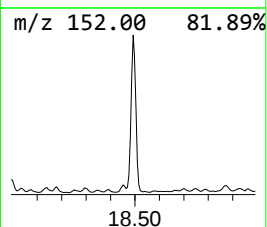
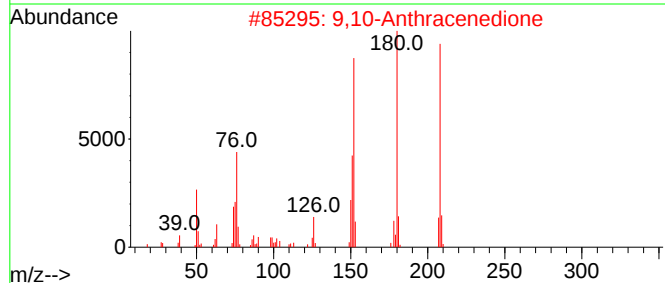
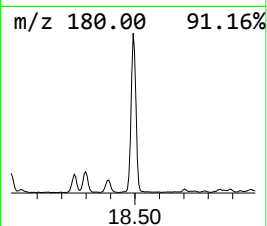
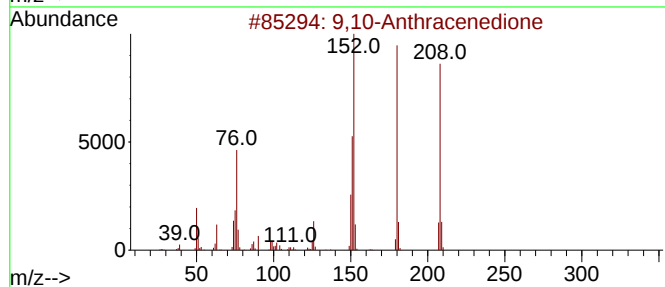
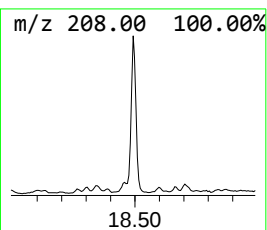
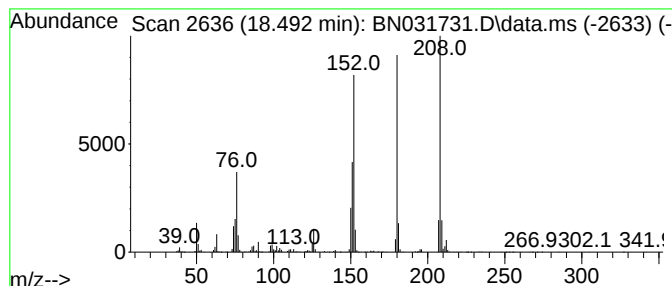
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	4.83 ng/ul	1532400	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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Sample : P2549-20
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ClientSampleId :
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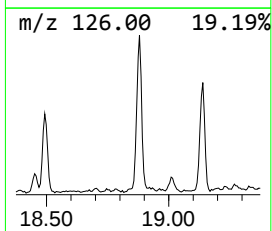
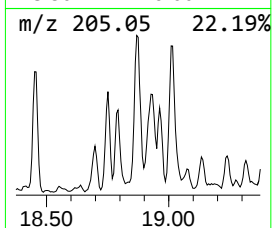
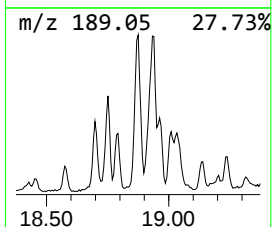
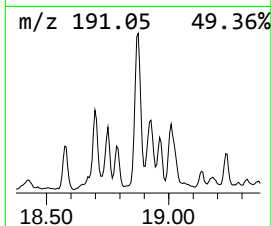
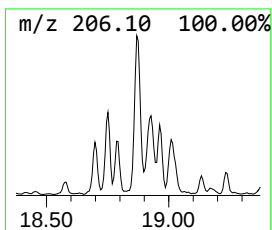
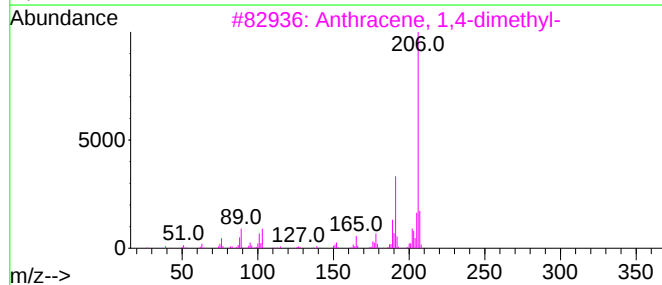
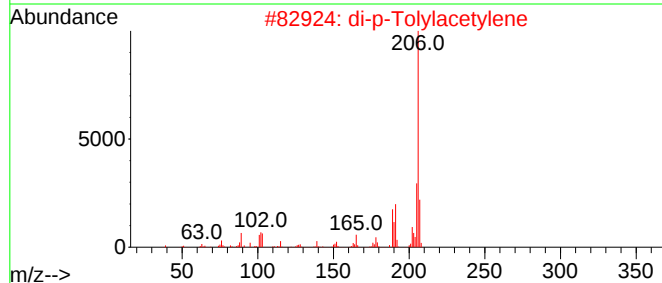
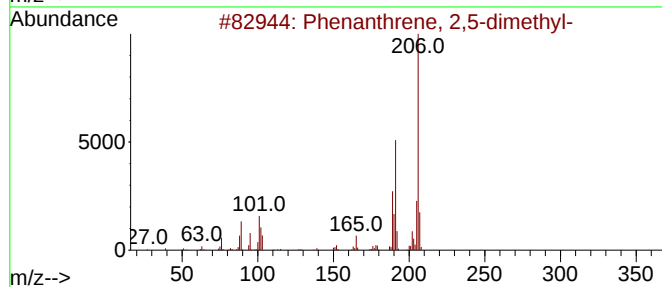
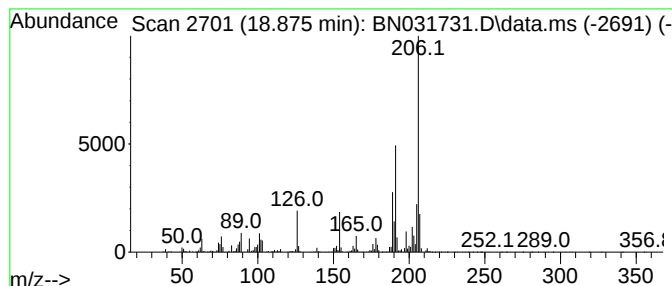
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	5.90 ng/ul	1872460	Phenanthrene-d10	17.075

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	89
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83



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Data File : BN031731.D
Acq On : 31 May 2024 00:52
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Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

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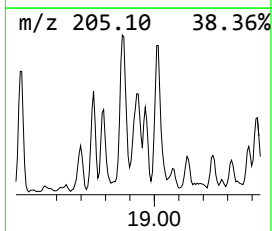
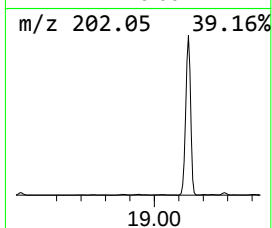
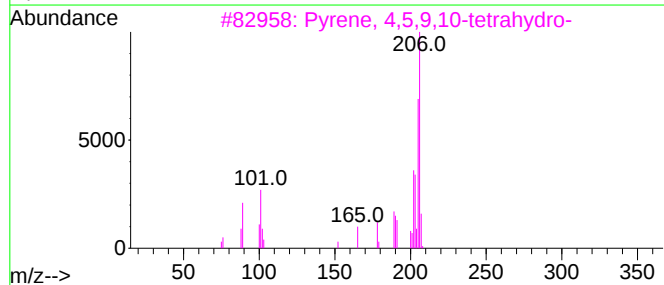
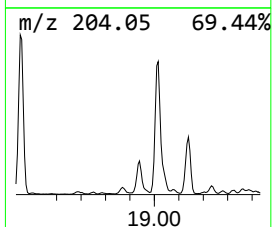
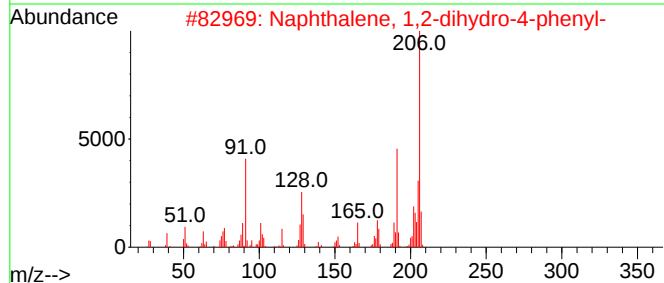
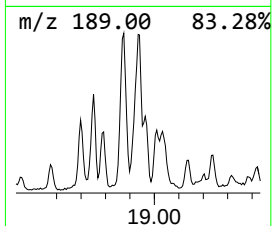
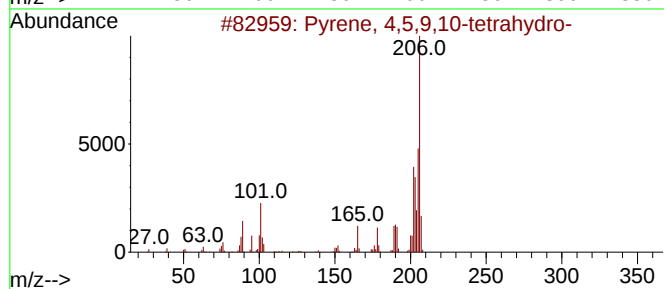
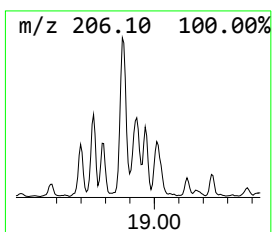
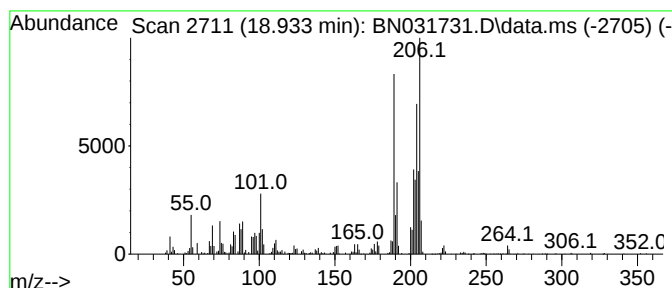
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	3.00 ng/ul	952014	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	41
3			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4			1,3-Butadiene, 1,4-diphenyl-, (E...)	206	C16H14	000538-81-8	38
5			1,3-Butadiene, 1,4-diphenyl-, (E...)	206	C16H14	000538-81-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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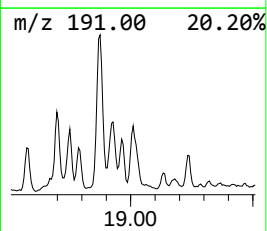
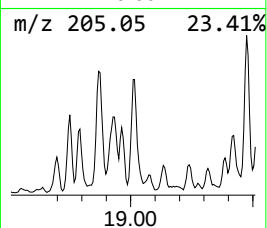
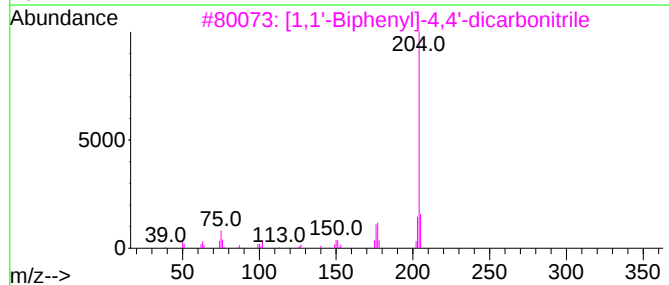
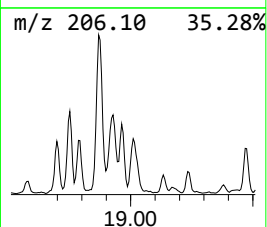
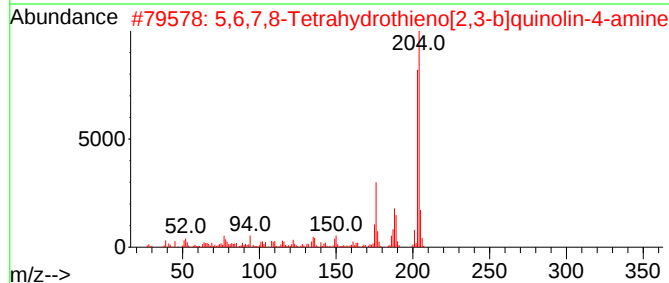
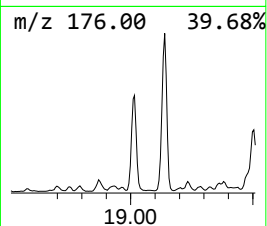
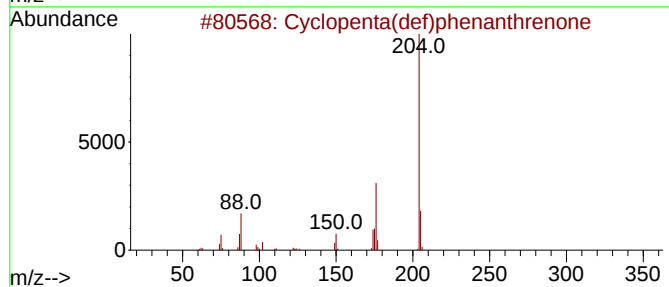
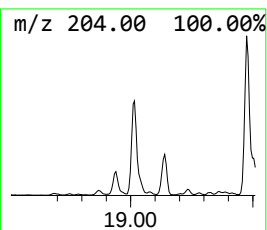
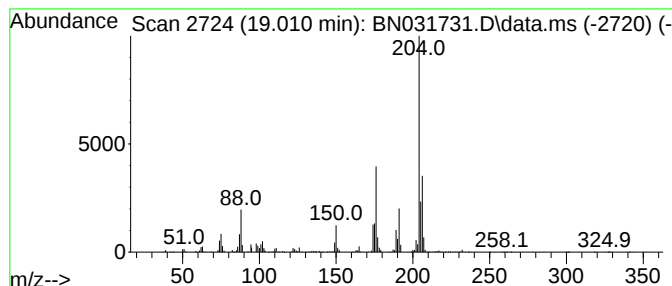
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	4.28 ng/ul	1358220	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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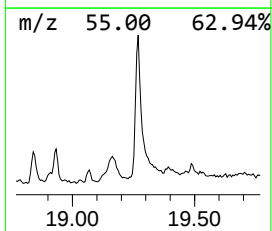
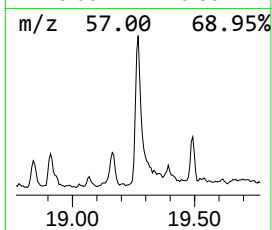
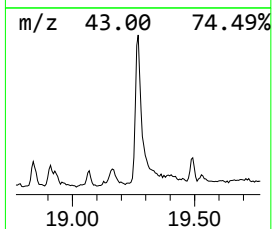
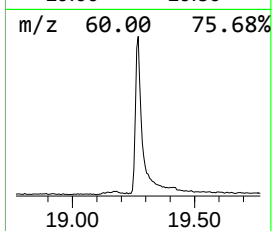
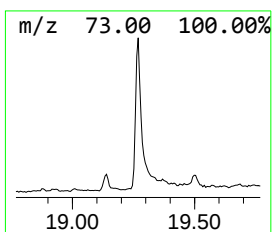
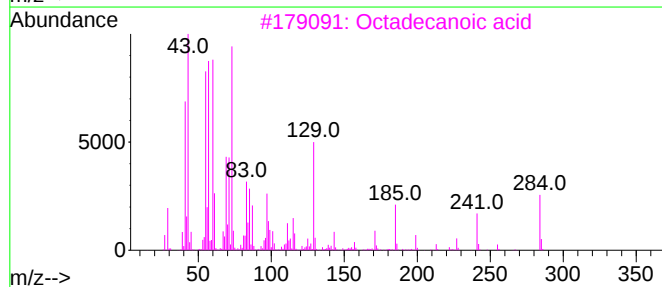
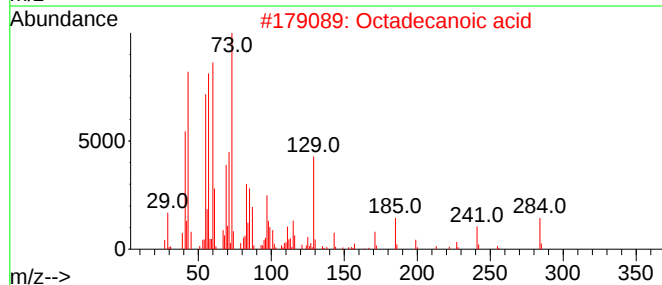
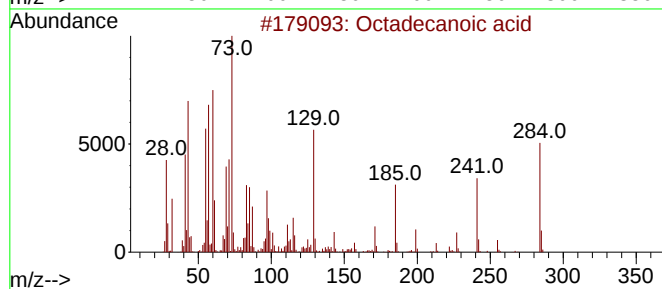
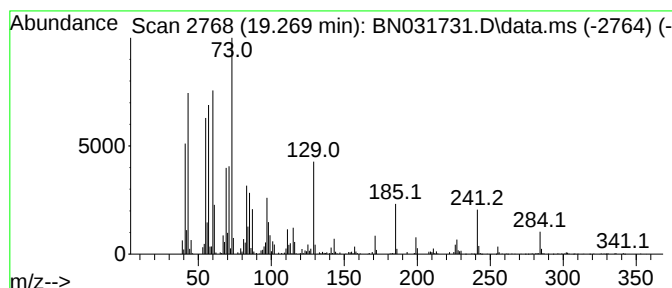
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	2.06 ng/ul	1423240	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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Misc :
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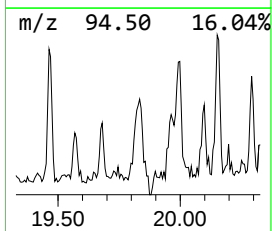
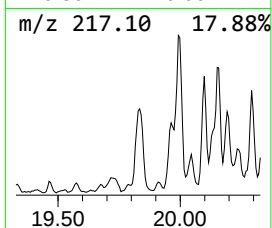
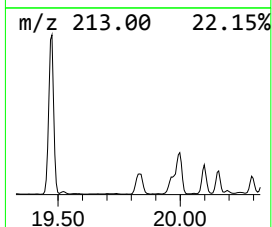
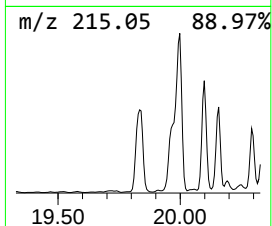
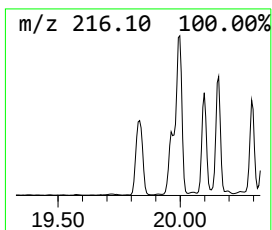
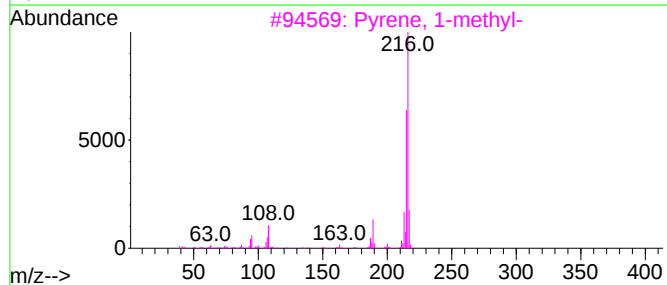
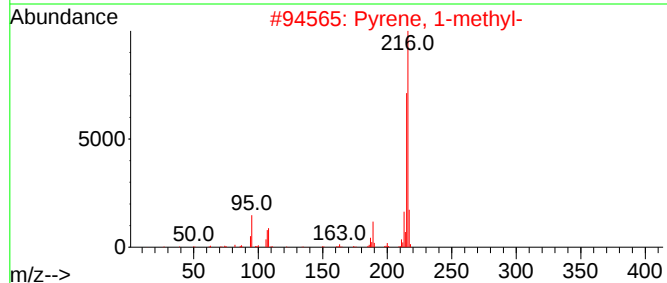
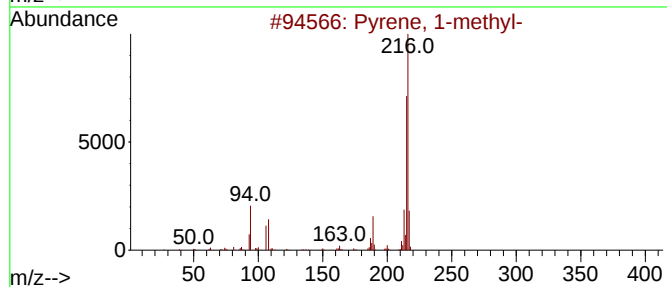
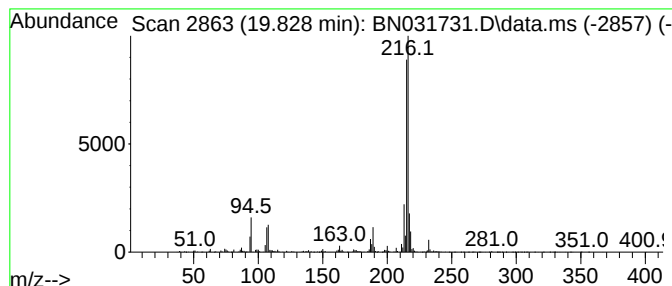
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.828	3.03 ng/ul	2096100	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

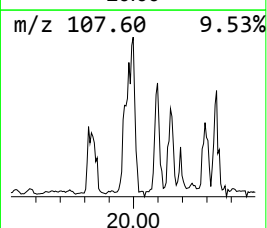
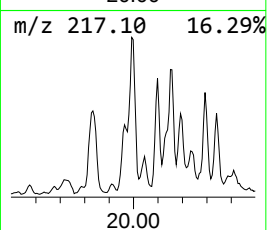
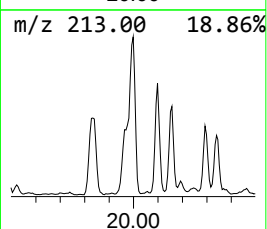
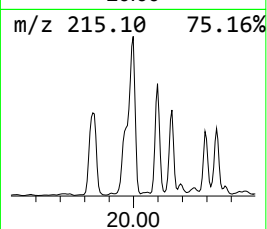
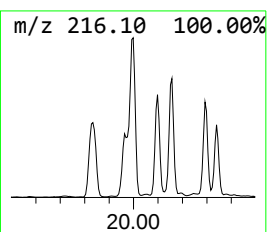
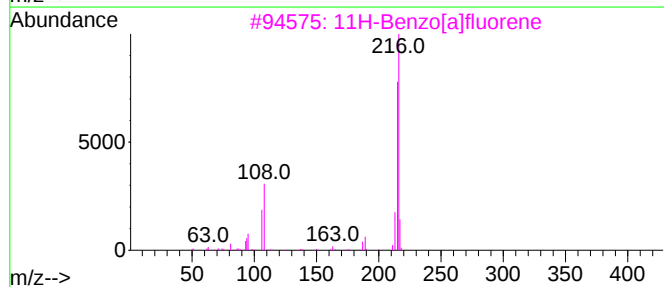
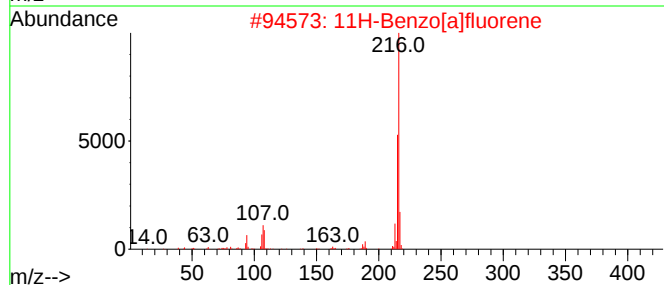
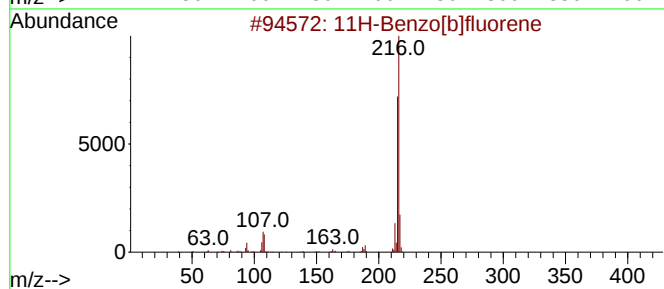
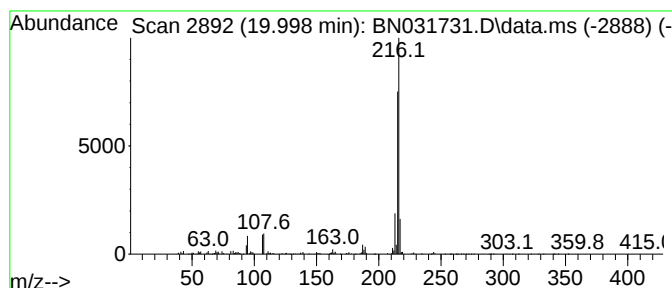
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.998	3.17 ng/ul	2194300	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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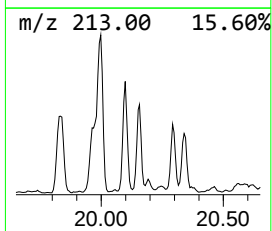
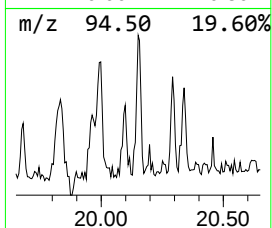
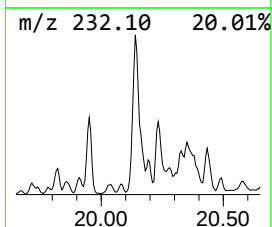
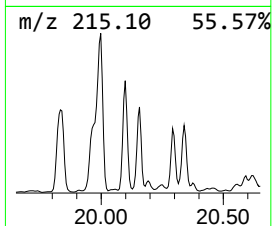
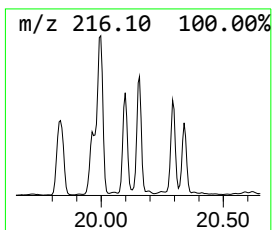
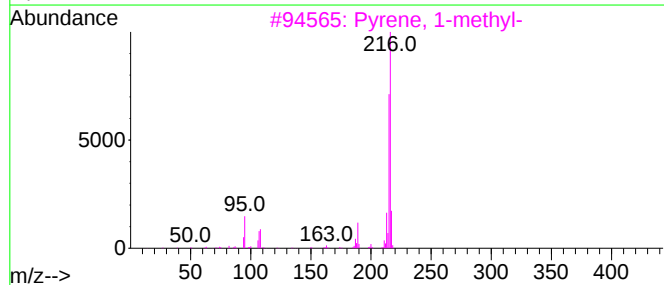
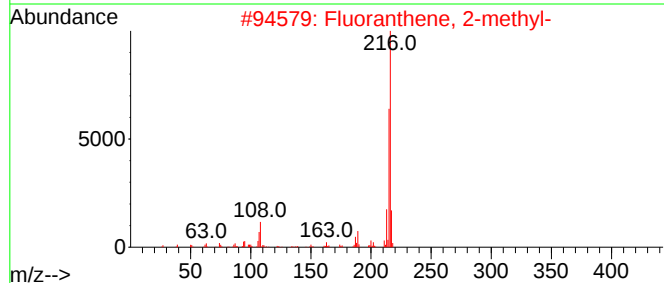
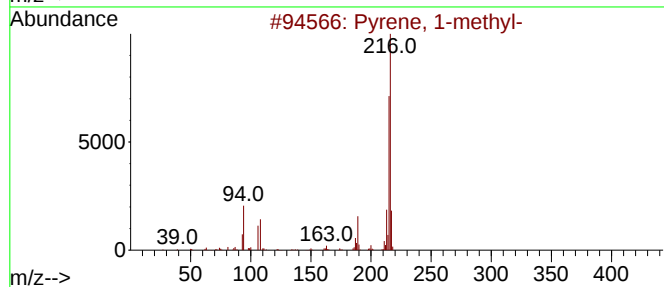
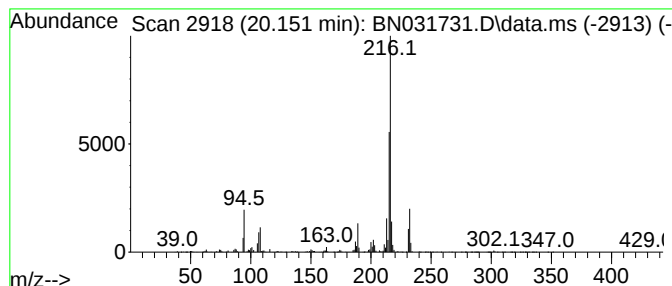
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.86 ng/ul	1980690	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

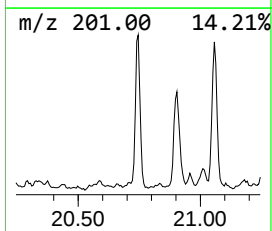
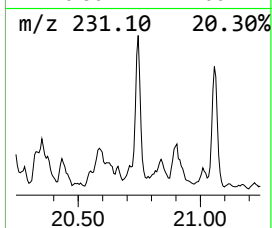
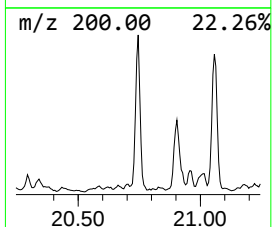
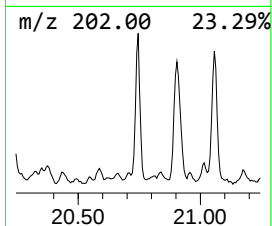
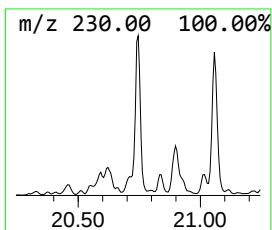
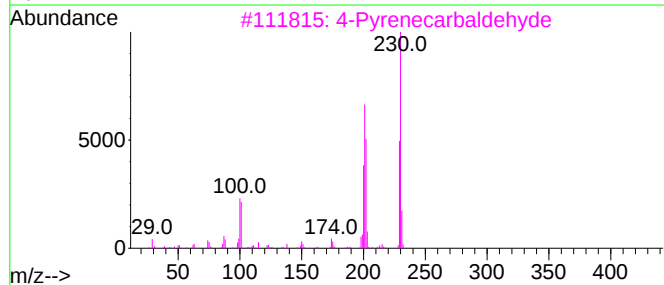
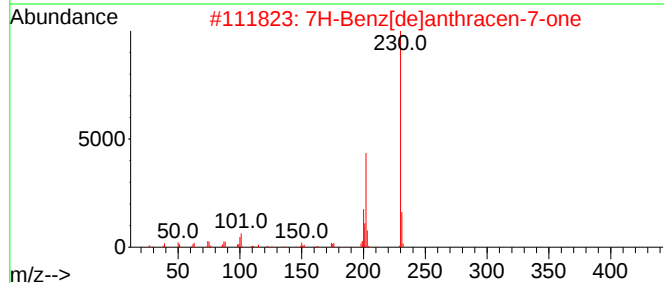
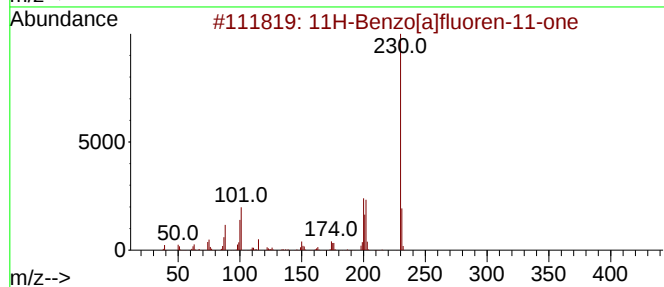
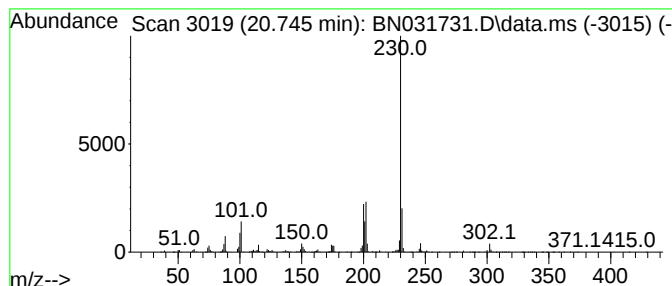
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.745	2.27 ng/ul	1569880	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
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\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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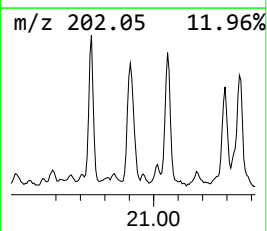
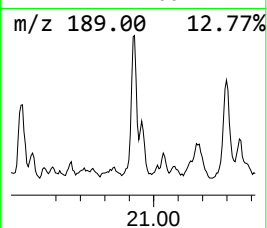
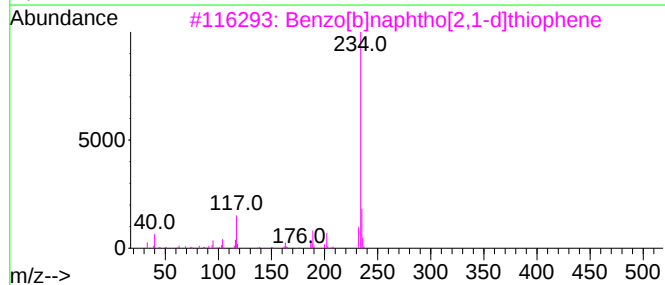
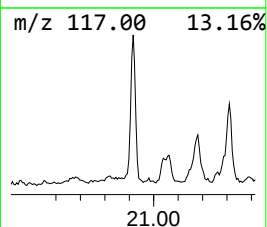
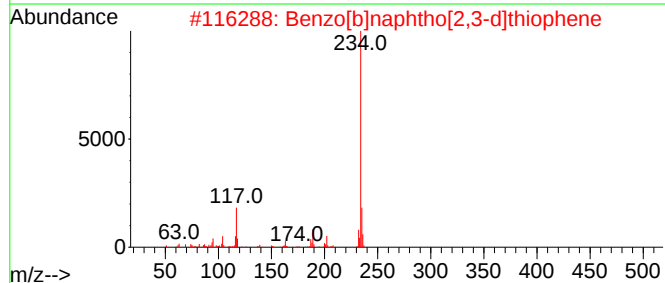
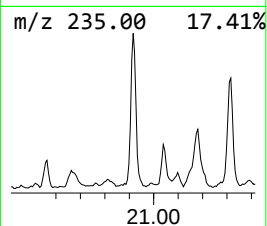
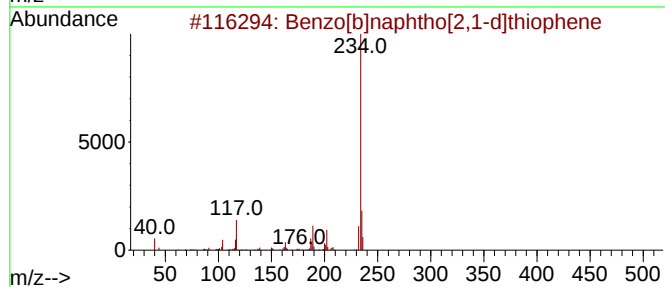
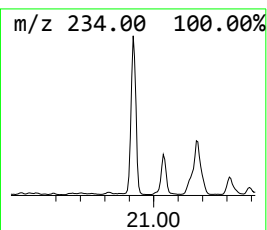
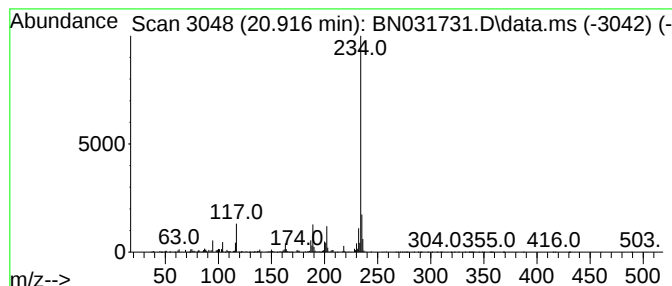
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.916	2.42 ng/ul	1674830	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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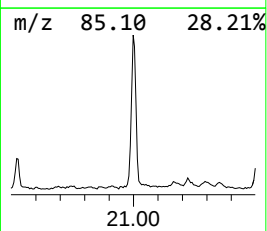
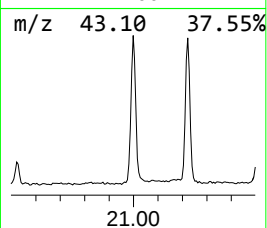
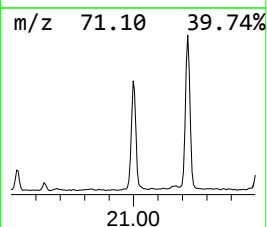
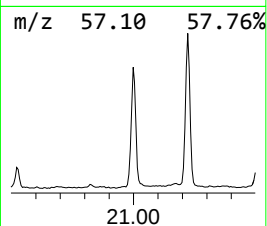
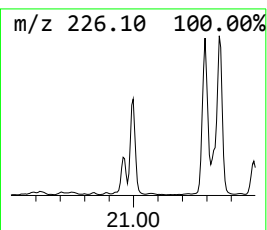
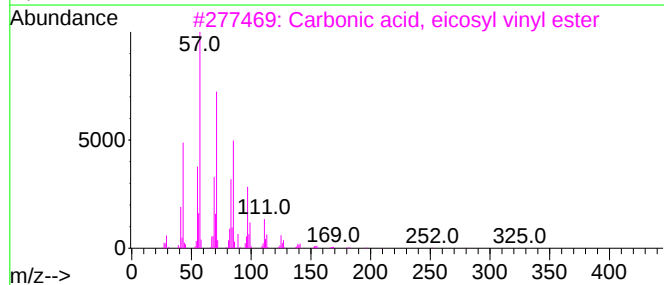
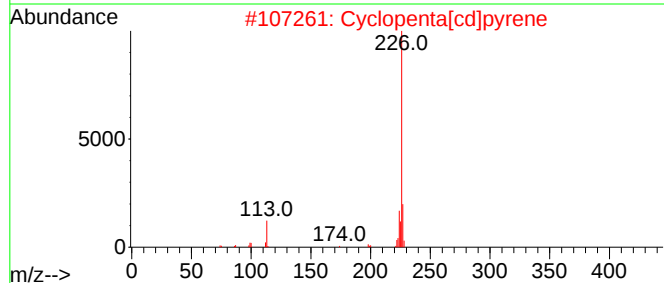
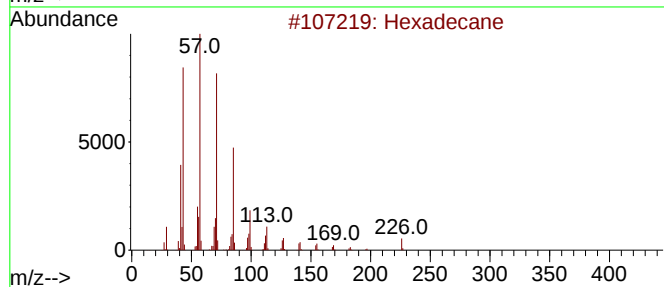
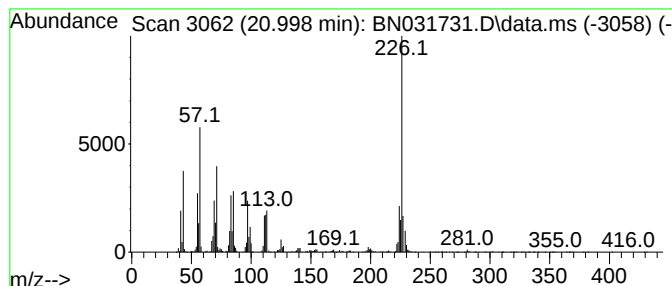
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	5.15 ng/ul	3568680	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	62
2			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	35
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	30
5			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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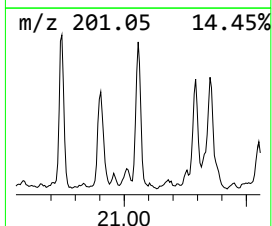
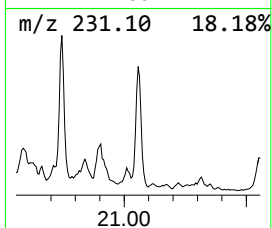
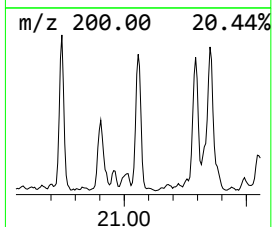
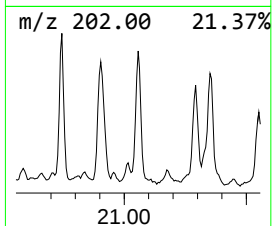
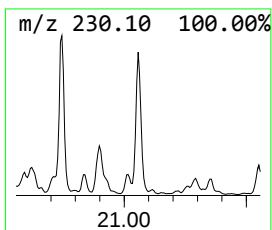
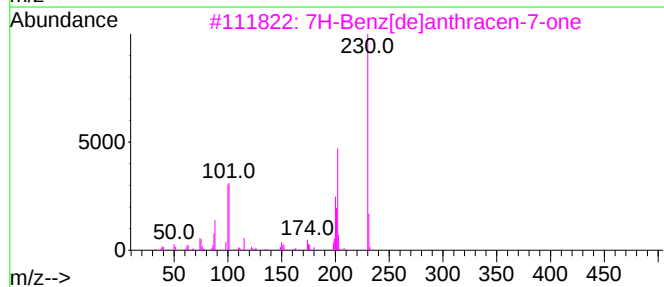
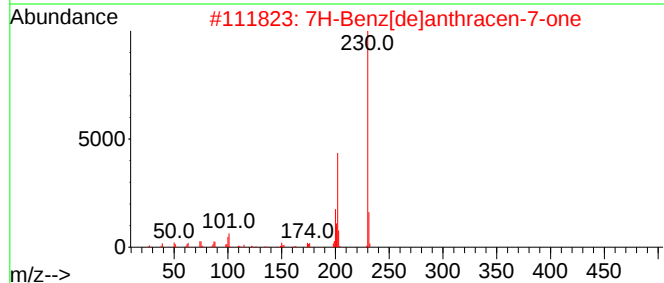
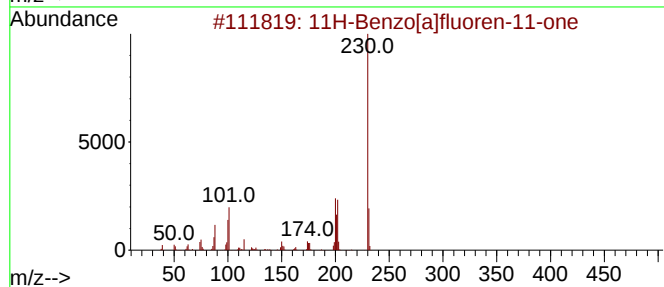
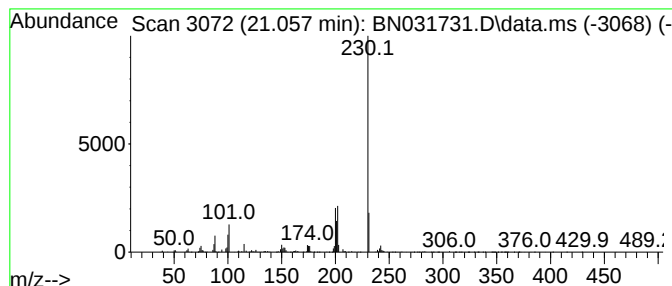
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.43 ng/ul	1681430	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	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
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Acq On : 31 May 2024 00:52
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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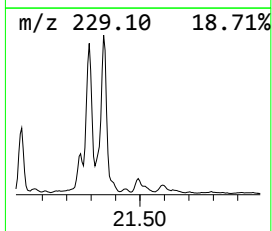
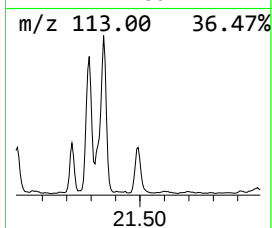
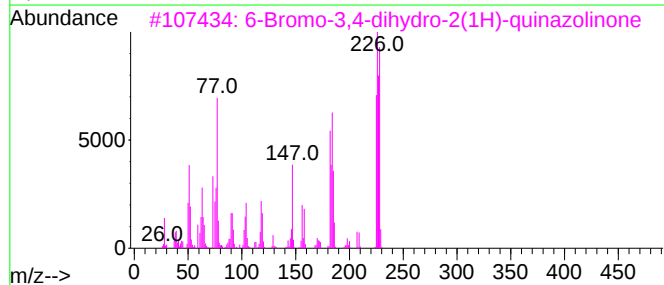
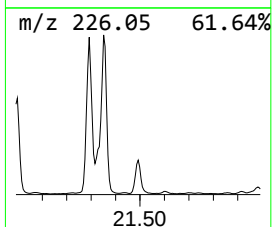
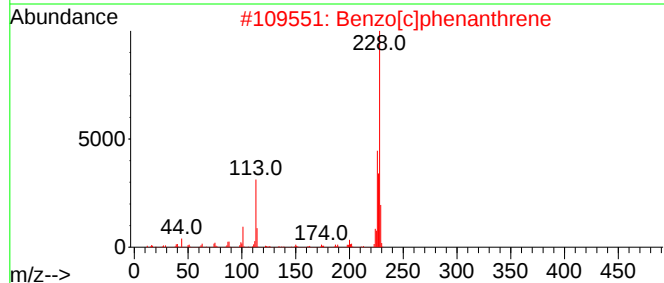
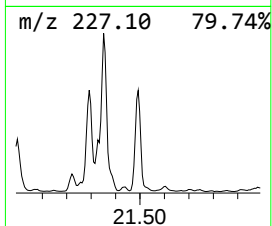
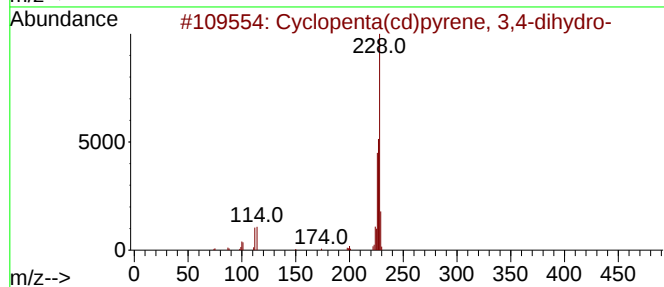
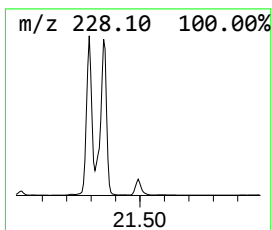
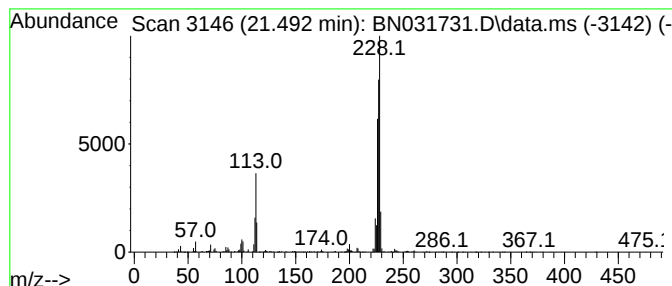
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.492	2.04 ng/ul	1413080	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3			6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	53
4			Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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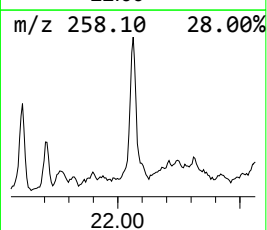
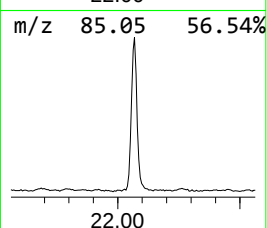
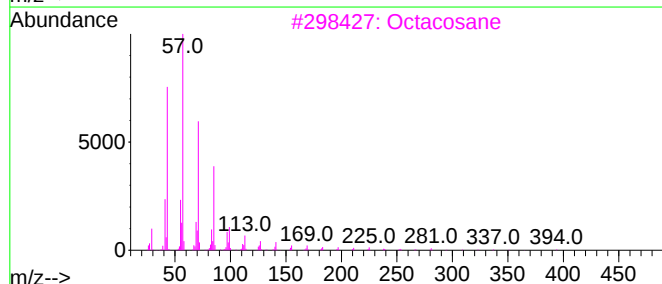
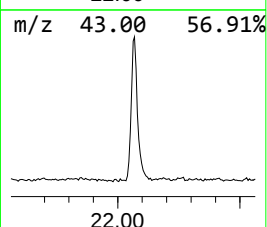
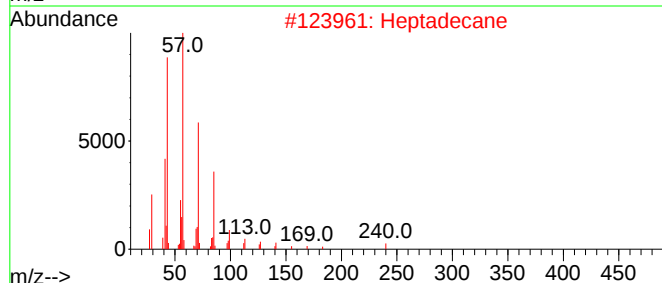
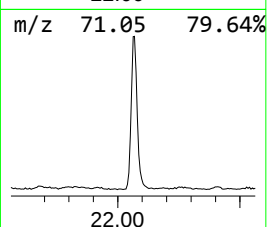
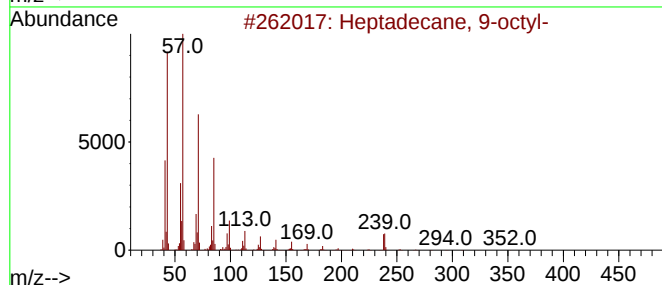
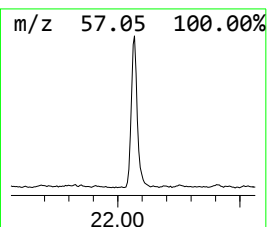
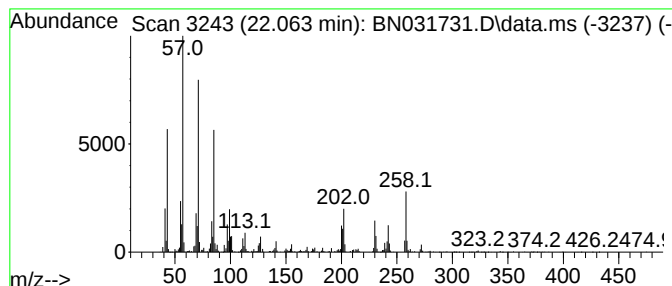
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.063	2.92 ng/ul	2024030	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Octacosane	394	C28H58	000630-02-4	55
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	55
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031731.D
Acq On : 31 May 2024 00:52
Operator : MA/JU
Sample : P2549-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBM8

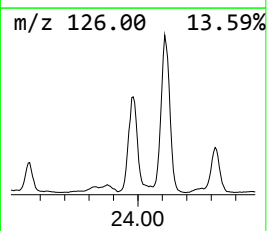
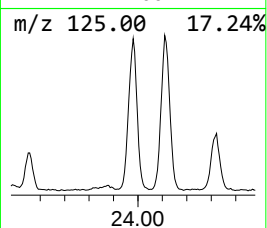
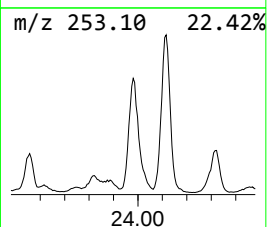
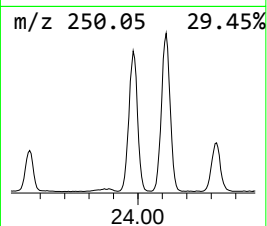
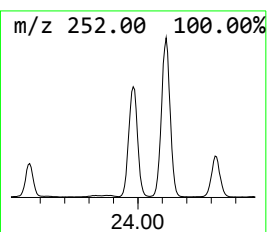
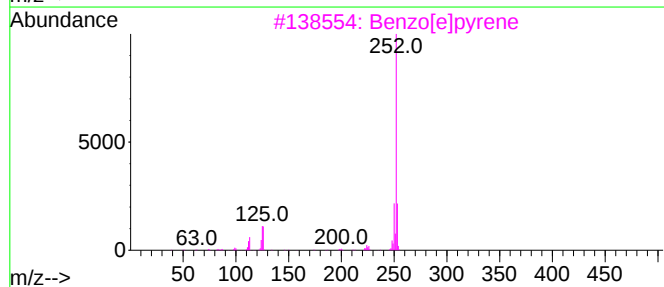
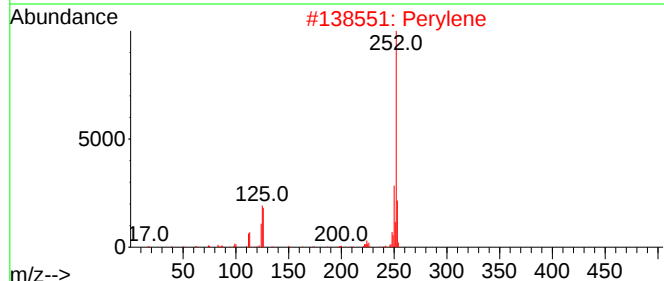
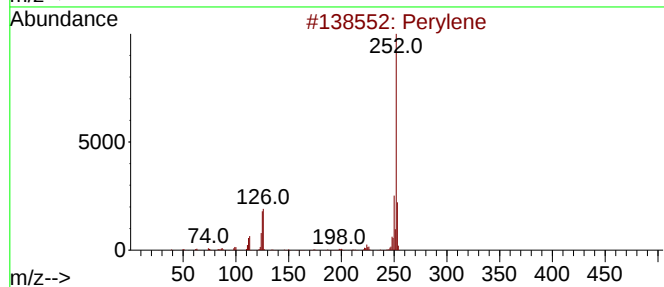
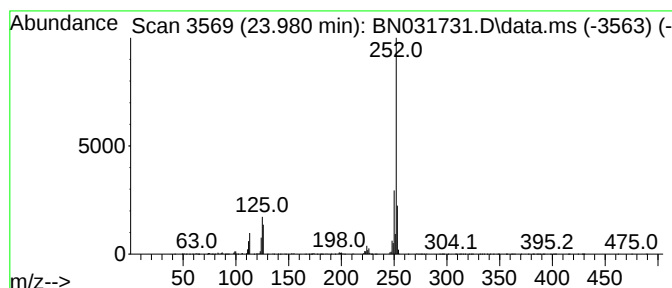
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	16.78 ng/ul	3623980	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Perylene	252	C20H12	000198-55-0	99
3			Benzo[e]pyrene	252	C20H12	000192-97-2	98
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
5			Benzo[e]pyrene	252	C20H12	000192-97-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031731.D
 Acq On : 31 May 2024 00:52
 Operator : MA/JU
 Sample : P2549-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBM8

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
Propylene Glycol	3.452	2.4	ng/ul	298599	1	7.687	2507000	20.0
unknown-01	3.705	2.9	ng/ul	364496	1	7.687	2507000	20.0
Ethanol, 2-(2-e...	7.287	2.3	ng/ul	281485	1	7.687	2507000	20.0
1-Phenoxypropan...	11.210	5.1	ng/ul	1027600	2	10.469	4013060	20.0
Benzeneacetone...	12.175	6.2	ng/ul	1236550	2	10.469	4013060	20.0
Anthracene, 2-m...	17.951	4.7	ng/ul	1490180	4	17.075	6344570	20.0
n-Hexadecanoic ...	17.986	15.1	ng/ul	4783830	4	17.075	6344570	20.0
Benzaldehyde, 3...	18.139	8.5	ng/ul	2705420	4	17.075	6344570	20.0
Anthracene, 9-m...	18.181	3.2	ng/ul	1012490	4	17.075	6344570	20.0
Naphthalene, 2-...	18.451	3.1	ng/ul	992793	4	17.075	6344570	20.0
9,10-Anthracene...	18.492	4.8	ng/ul	1532400	4	17.075	6344570	20.0
Phenanthrene, 2...	18.875	5.9	ng/ul	1872460	4	17.075	6344570	20.0
unknown-02	18.933	3.0	ng/ul	952014	4	17.075	6344570	20.0
Cyclopenta(def)...	19.010	4.3	ng/ul	1358220	4	17.075	6344570	20.0
Octadecanoic acid	19.269	2.1	ng/ul	1423240	5	21.310	13846300	20.0
Pyrene, 1-methyl-	19.828	3.0	ng/ul	2096100	5	21.310	13846300	20.0
11H-Benzo[b]flu...	19.998	3.2	ng/ul	2194300	5	21.310	13846300	20.0
Fluoranthene, 2...	20.151	2.9	ng/ul	1980690	5	21.310	13846300	20.0
11H-Benzo[a]flu...	20.745	2.3	ng/ul	1569880	5	21.310	13846300	20.0
Benzo[b]naphtho...	20.916	2.4	ng/ul	1674830	5	21.310	13846300	20.0
(DEL) Alkane: S...	20.998	5.2	ng/ul	3568680	5	21.310	13846300	20.0
7H-Benz[de]anth...	21.057	2.4	ng/ul	1681430	5	21.310	13846300	20.0
Cyclopenta(cd)p...	21.492	2.0	ng/ul	1413080	5	21.310	13846300	20.0
(DEL) Alkane: S...	22.063	2.9	ng/ul	2024030	5	21.310	13846300	20.0
Perylene	23.980	16.8	ng/ul	3623980	6	24.251	4319490	20.0