

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022112.D
 Acq On : 14 Oct 2022 06:46
 Operator : CG/JU
 Sample : N5049-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BJ5

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-BN101222.M
 Title : SVOA CALIBRATION

Signal : TIC: BN022112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.111	691	701	716	rBV	645912	1121869	10.82%	0.864%
2	7.281	724	730	742	rVB	601322	948129	9.14%	0.730%
3	7.475	756	763	773	rBV	689292	1104599	10.65%	0.851%
4	7.952	835	844	852	rBV	679910	1078033	10.40%	0.830%
5	8.669	960	966	977	rBV	750107	1235449	11.91%	0.952%
6	9.134	1038	1045	1051	rVV	697363	1145741	11.05%	0.883%
7	9.857	1161	1168	1180	rBV	556987	961022	9.27%	0.740%
8	10.399	1250	1260	1271	rBV	848066	1442164	13.91%	1.111%
9	10.557	1281	1287	1298	rBV	59590	114166	1.10%	0.088%
10	10.781	1314	1325	1331	rBV	1003620	1739344	16.77%	1.340%
11	10.928	1341	1350	1365	rBV	553399	998257	9.63%	0.769%
12	12.451	1602	1609	1616	rVB	66000	105267	1.02%	0.081%
13	13.945	1857	1863	1868	rBV	65035	111067	1.07%	0.086%
14	14.040	1874	1879	1885	rVV	1481952	2062502	19.89%	1.589%
15	14.322	1920	1927	1944	rVB3	1730493	3054997	29.46%	2.353%
16	14.628	1968	1979	1985	rBV	1610685	2345444	22.62%	1.807%
17	14.693	1985	1990	1997	rVB	201440	310536	2.99%	0.239%
18	14.828	2007	2013	2023	rBV	446494	674837	6.51%	0.520%
19	15.028	2042	2047	2055	rVV	255470	451059	4.35%	0.347%
20	15.622	2139	2148	2153	rBV	2240908	3224201	31.09%	2.484%
21	15.675	2153	2157	2164	rVB	443666	623810	6.02%	0.481%
22	15.745	2164	2169	2175	rBV	531083	733909	7.08%	0.565%
23	15.969	2202	2207	2213	rVB	140701	200251	1.93%	0.154%
24	16.116	2221	2232	2241	rBV	155210	318895	3.08%	0.246%
25	16.351	2264	2272	2278	rBV3	79386	164196	1.58%	0.126%
26	16.681	2317	2328	2333	rBV3	94840	215633	2.08%	0.166%
27	16.910	2360	2367	2371	rBV3	77081	134042	1.29%	0.103%
28	17.034	2383	2388	2395	rVB	314989	453203	4.37%	0.349%
29	17.110	2395	2401	2408	rBV2	78702	191683	1.85%	0.148%
30	17.198	2411	2416	2424	rVB	299957	447322	4.31%	0.345%
31	17.386	2441	2448	2451	rBV	1829036	2829179	27.28%	2.179%
32	17.428	2451	2455	2460	rVV	5477177	7863432	75.83%	6.057%
33	17.486	2460	2465	2468	rVV2	2327128	3540756	34.15%	2.727%
34	17.516	2468	2470	2476	rVV	1211754	1429649	13.79%	1.101%
35	17.792	2506	2517	2527	rBV	530200	938021	9.05%	0.723%
36	17.904	2533	2536	2542	rVB2	95575	131817	1.27%	0.102%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Title : SVOA CALIBRATION

37	17.969	2542	2547	2555	rVB5	84702	156596	1.51%	0.121%
38	18.263	2592	2597	2601	rBV	544828	893851	8.62%	0.689%
39	18.310	2601	2605	2610	rVB	757161	1021293	9.85%	0.787%
40	18.392	2614	2619	2624	rVB	211530	284242	2.74%	0.219%

41	18.463	2624	2631	2634	rBV3	917613	1540032	14.85%	1.186%
42	18.492	2634	2636	2643	rVB	319446	406972	3.92%	0.313%
43	18.569	2645	2649	2653	rBV2	90764	125047	1.21%	0.096%
44	18.610	2653	2656	2660	rBV2	77234	100945	0.97%	0.078%
45	18.763	2677	2682	2686	rBV	479538	644756	6.22%	0.497%

46	18.810	2686	2690	2695	rVV	468951	619171	5.97%	0.477%
47	19.010	2720	2724	2728	rBV3	85793	116226	1.12%	0.090%
48	19.057	2729	2732	2736	rVV	90226	123773	1.19%	0.095%
49	19.098	2736	2739	2743	rVB2	88308	108873	1.05%	0.084%
50	19.181	2748	2753	2759	rBV3	177438	397789	3.84%	0.306%

51	19.245	2759	2764	2767	rVV2	132816	255261	2.46%	0.197%
52	19.275	2767	2769	2772	rVV	100597	113615	1.10%	0.088%
53	19.328	2772	2778	2786	rVV	411537	748777	7.22%	0.577%
54	19.451	2790	2799	2805	rVV	6925833	10369306	100.00%	7.988%
55	19.510	2805	2809	2812	rVV	95875	135181	1.30%	0.104%

56	19.551	2812	2816	2820	rVV2	219621	326105	3.14%	0.251%
57	19.598	2820	2824	2828	rVV	278713	394497	3.80%	0.304%
58	19.645	2828	2832	2835	rVV3	110967	212816	2.05%	0.164%
59	19.692	2836	2840	2849	rVV2	276780	567975	5.48%	0.438%
60	19.786	2850	2856	2858	rVV2	3570512	5631812	54.31%	4.338%

61	19.816	2858	2861	2868	rVV	5713393	7679281	74.06%	5.915%
62	19.880	2868	2872	2879	rVB	307600	442534	4.27%	0.341%
63	19.992	2886	2891	2897	rBV	402160	579254	5.59%	0.446%
64	20.051	2897	2901	2909	rVB	146552	217215	2.09%	0.167%
65	20.133	2909	2915	2922	rBV5	384628	997920	9.62%	0.769%

66	20.192	2922	2925	2932	rVV2	158964	219686	2.12%	0.169%
67	20.269	2933	2938	2940	rVV4	291447	483476	4.66%	0.372%
68	20.310	2940	2945	2950	rVB	873071	1325540	12.78%	1.021%
69	20.404	2957	2961	2965	rBV	476317	641246	6.18%	0.494%
70	20.469	2965	2972	2975	rVV2	484823	856427	8.26%	0.660%

71	20.504	2975	2978	2981	rVB	140528	162838	1.57%	0.125%
72	20.545	2981	2985	2990	rBV3	110936	186344	1.80%	0.144%
73	20.604	2991	2995	2999	rBV	241787	308633	2.98%	0.238%
74	20.651	2999	3003	3008	rVB3	267602	356827	3.44%	0.275%
75	20.816	3028	3031	3034	rVB3	120908	137404	1.33%	0.106%

76	20.869	3035	3040	3041	rBV3	70330	116006	1.12%	0.089%
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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Title : SVOA CALIBRATION

77	21.057	3068	3072	3079	rVB	676550	905451	8.73%	0.697%
78	21.222	3094	3100	3104	rBV2	622170	1111363	10.72%	0.856%
79	21.357	3119	3123	3130	rVB	854100	1098928	10.60%	0.847%
80	21.463	3139	3141	3151	rVB3	181764	348357	3.36%	0.268%
81	21.575	3151	3160	3165	rBV3	4070818	8977748	86.58%	6.916%
82	21.622	3165	3168	3178	rVB	3132597	4280576	41.28%	3.297%
83	21.745	3184	3189	3194	rBV2	376523	557096	5.37%	0.429%
84	21.798	3195	3198	3205	rVV3	283456	406881	3.92%	0.313%
85	21.916	3213	3218	3223	rVV2	416446	706066	6.81%	0.544%
86	21.963	3223	3226	3230	rVB4	110285	136652	1.32%	0.105%
87	22.169	3258	3261	3264	rVB	304900	348688	3.36%	0.269%
88	22.222	3268	3270	3277	rVB2	396912	580475	5.60%	0.447%
89	22.380	3294	3297	3300	rBV	239034	307639	2.97%	0.237%
90	22.486	3312	3315	3325	rVB4	211658	438674	4.23%	0.338%
91	23.292	3445	3452	3457	rBV4	2222447	5816958	56.10%	4.481%
92	23.486	3480	3485	3492	rVB	457917	809689	7.81%	0.624%
93	23.833	3538	3544	3549	rBV	1032409	2166722	20.90%	1.669%
94	23.892	3549	3554	3558	rVV	1575306	3258945	31.43%	2.510%
95	23.939	3558	3562	3570	rVV	1880485	3818397	36.82%	2.941%
96	24.051	3574	3581	3586	rVV2	1180822	2640415	25.46%	2.034%
97	24.104	3587	3590	3600	rVB3	522520	1081731	10.43%	0.833%
98	24.680	3682	3688	3698	rVB2	491371	1131322	10.91%	0.871%
99	26.639	4011	4021	4035	rVB3	812978	3037879	29.30%	2.340%
100	27.439	4149	4157	4171	rVB2	417103	1401346	13.51%	1.079%

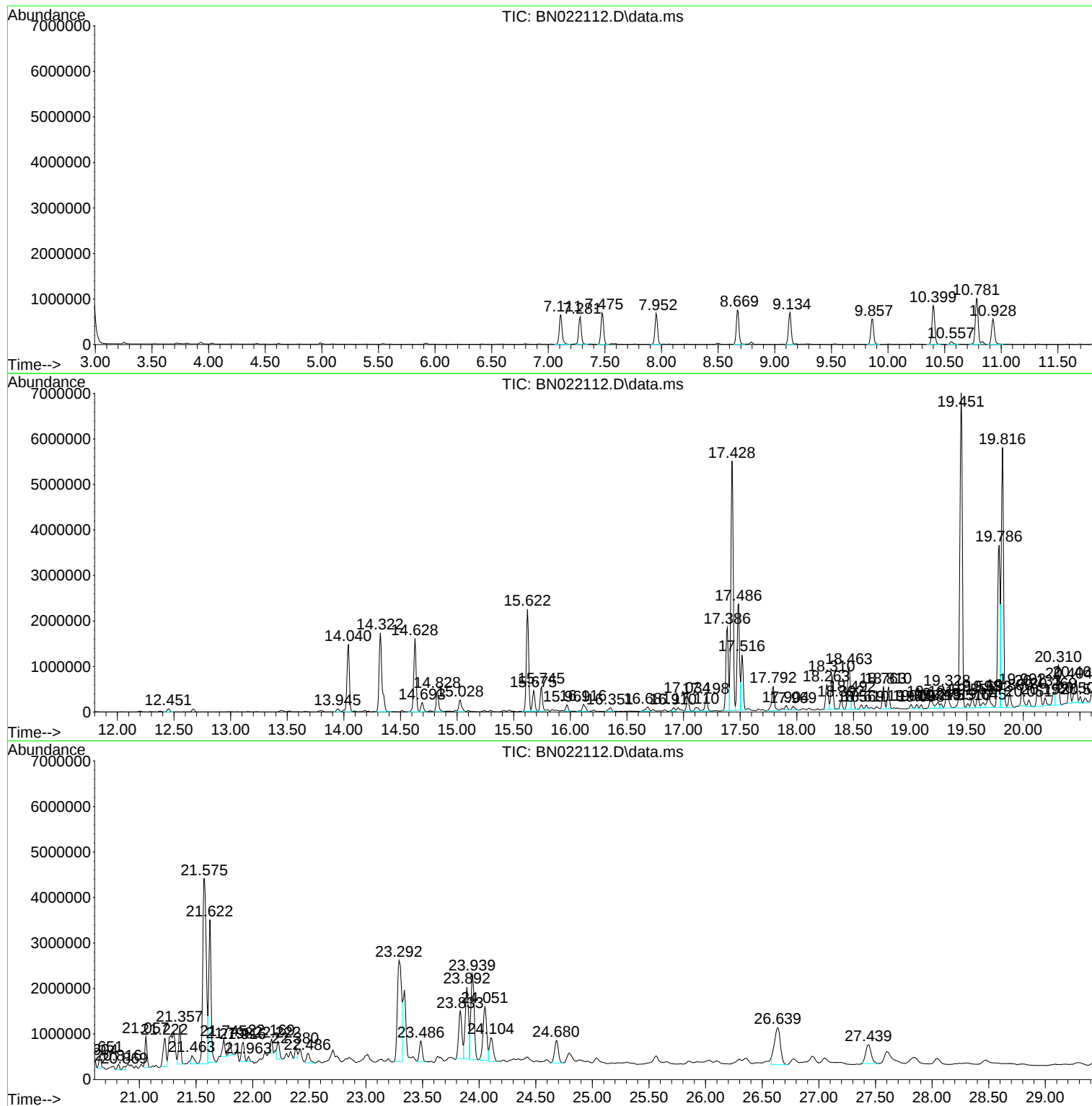
Sum of corrected areas: 129818021

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



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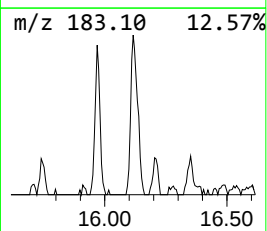
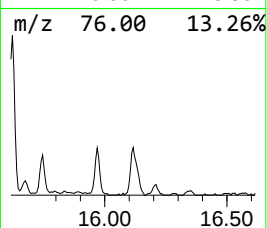
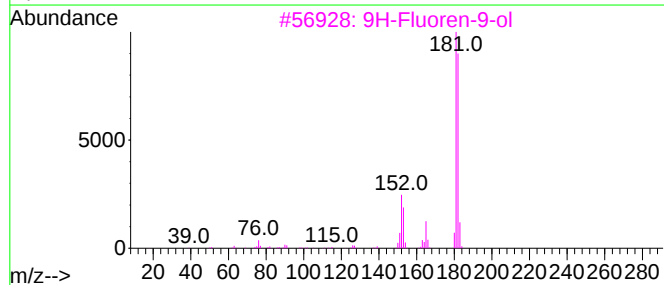
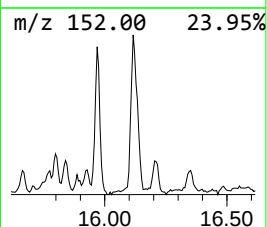
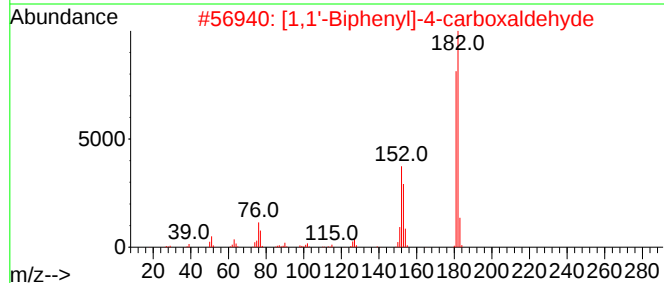
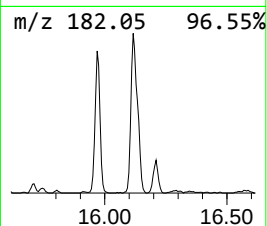
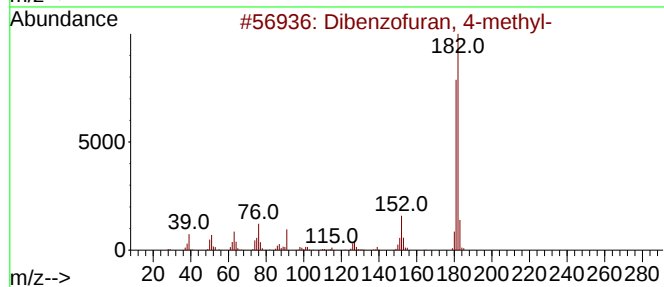
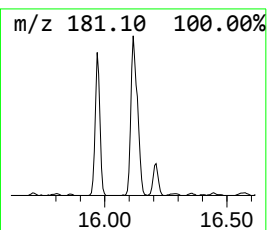
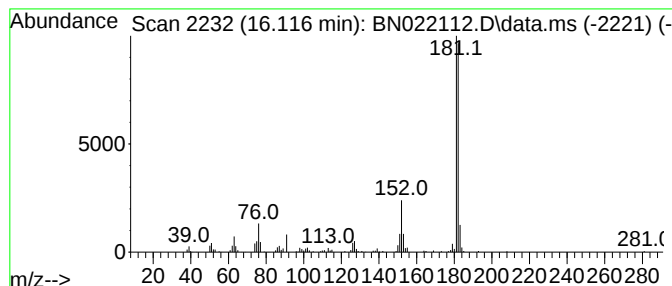
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	2.25 ng/ul	318895	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



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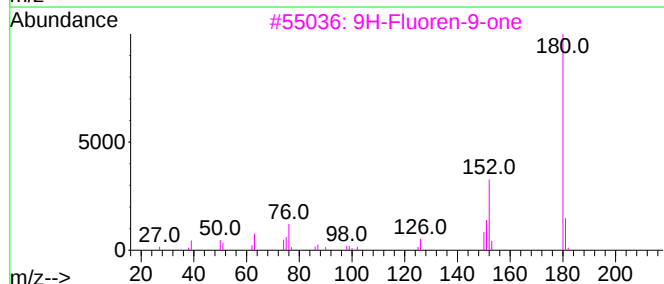
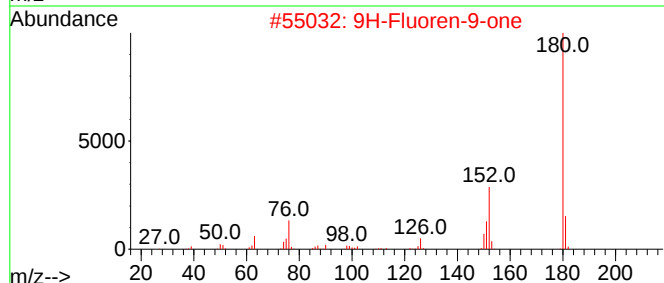
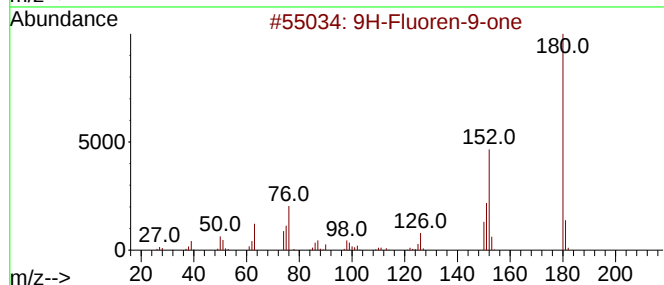
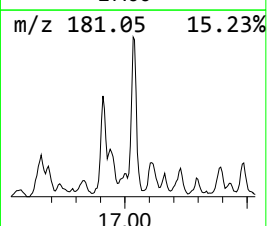
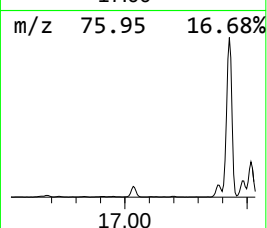
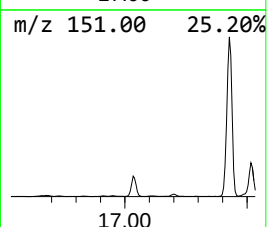
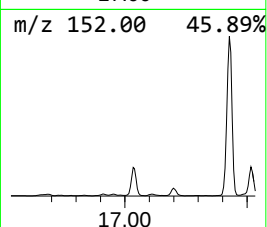
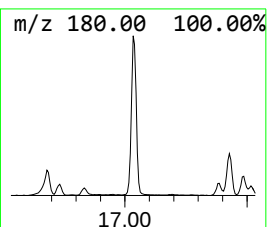
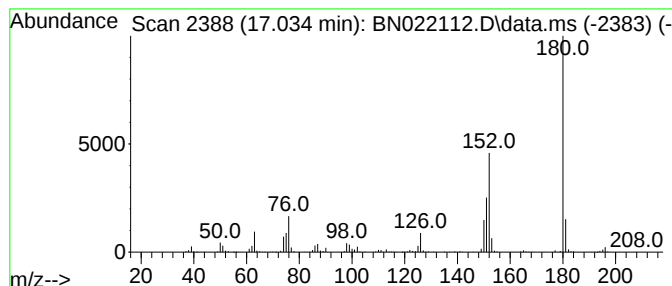
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.034	3.20 ng/ul	453203	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93



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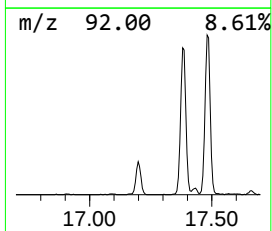
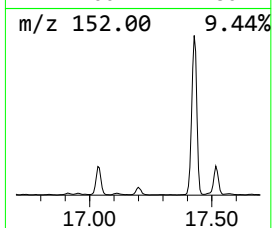
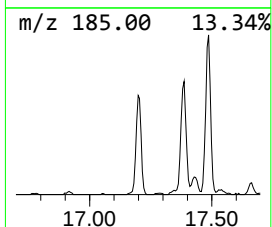
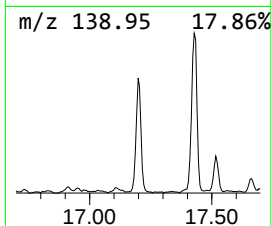
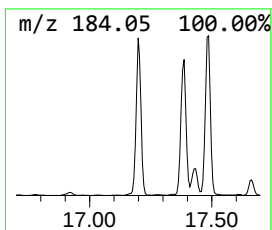
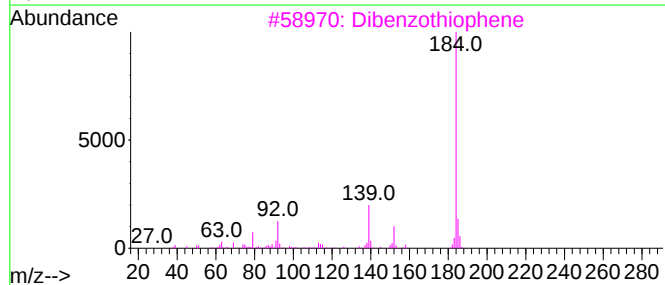
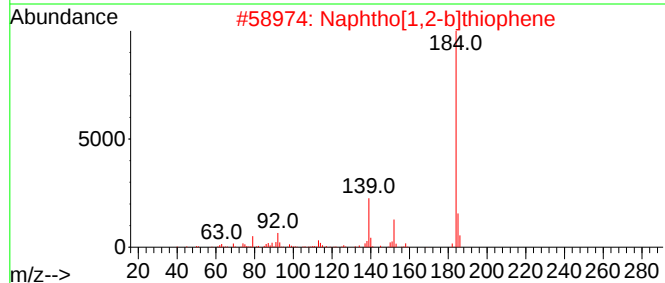
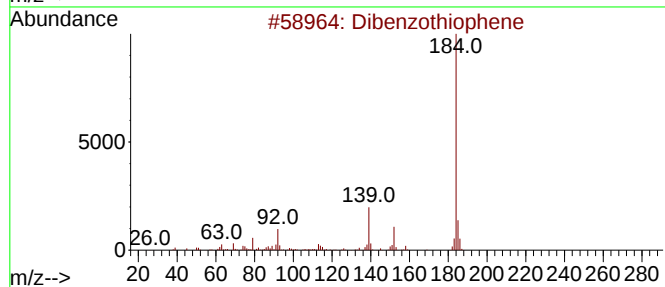
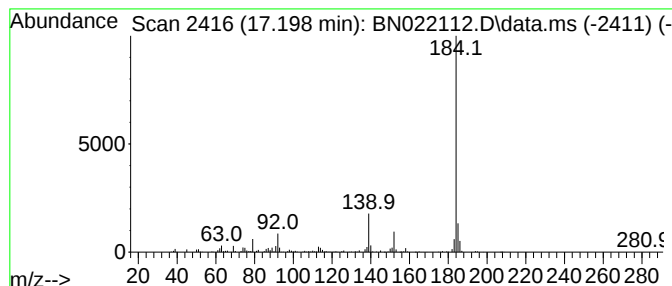
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	3.16 ng/ul	447322	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
5			Dibenzothiophene	184	C12H8S	000132-65-0	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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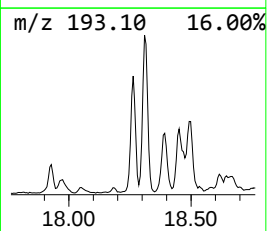
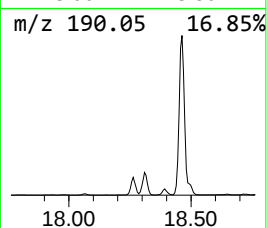
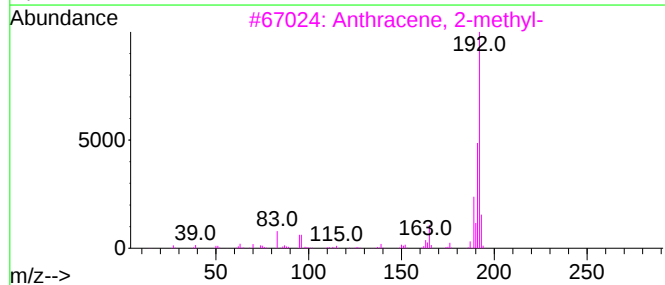
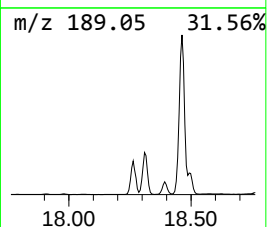
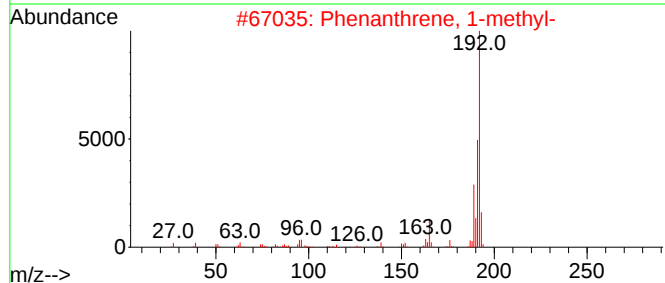
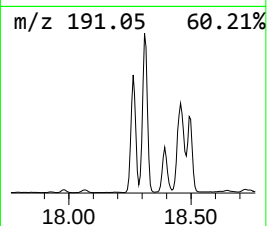
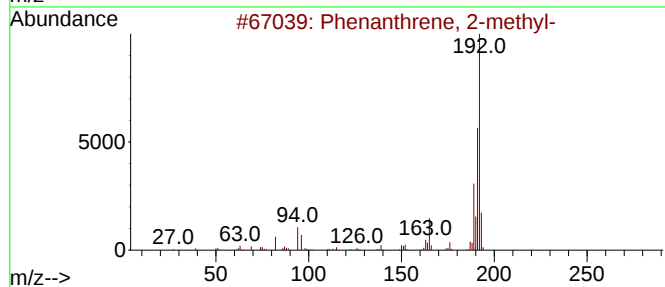
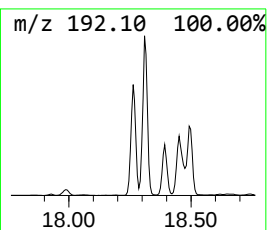
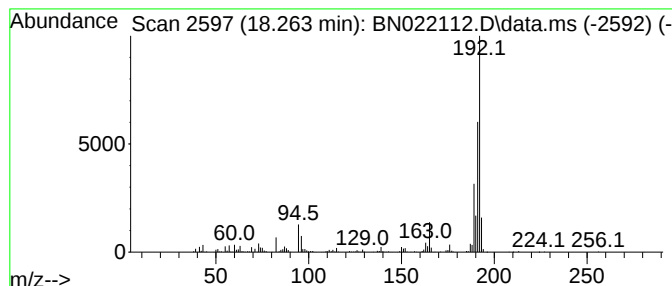
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	6.32 ng/ul	893851	Phenanthrene-d10	17.387

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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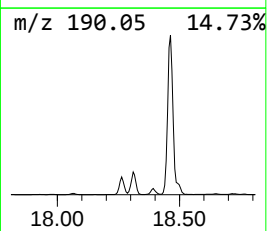
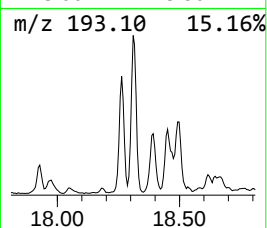
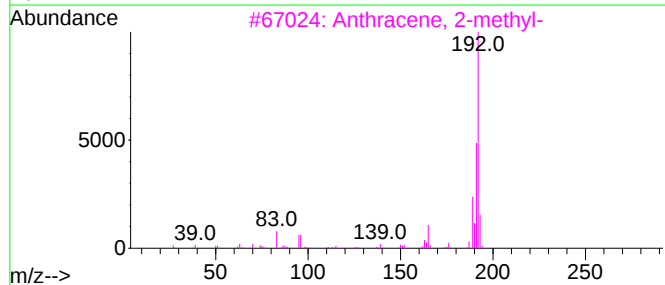
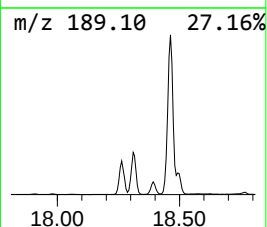
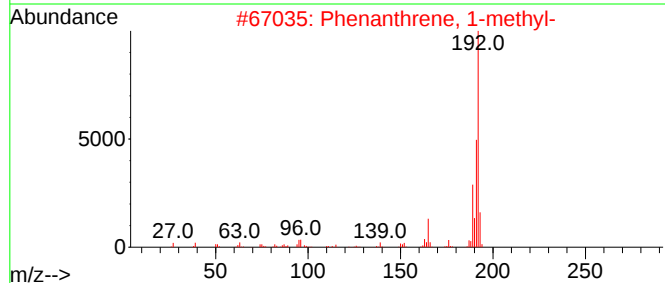
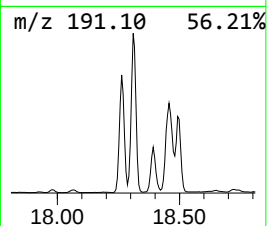
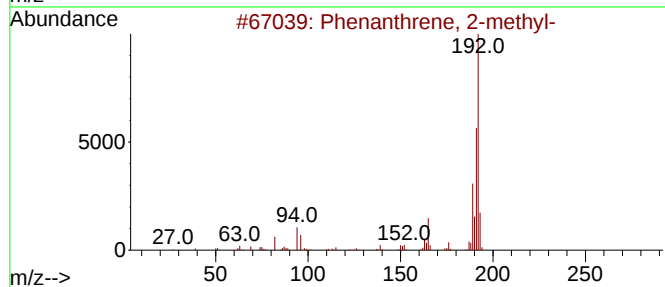
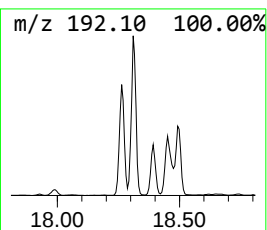
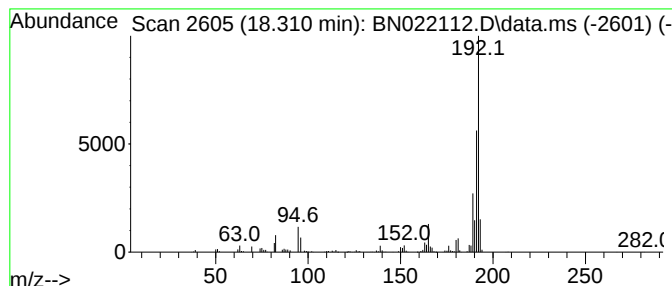
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	7.22 ng/ul	1021290	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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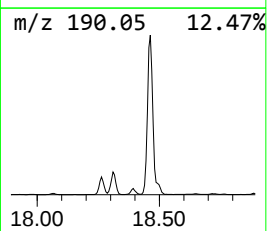
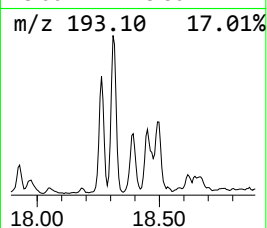
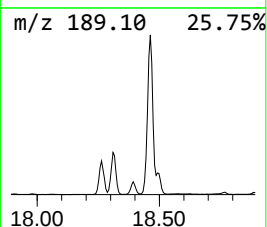
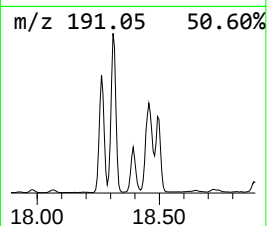
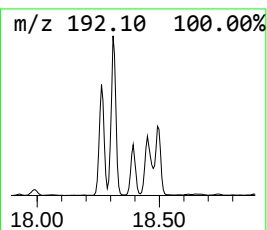
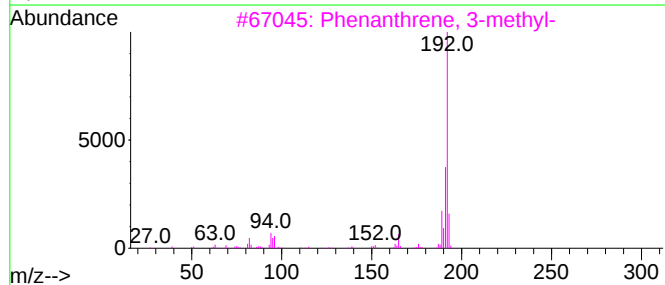
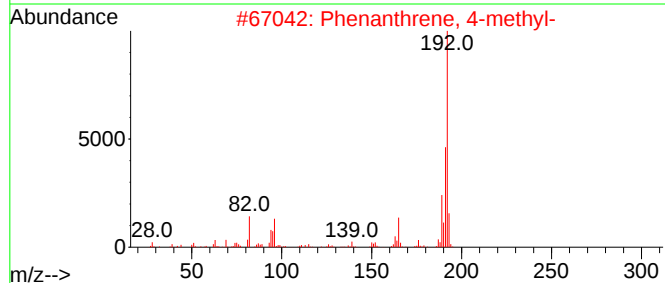
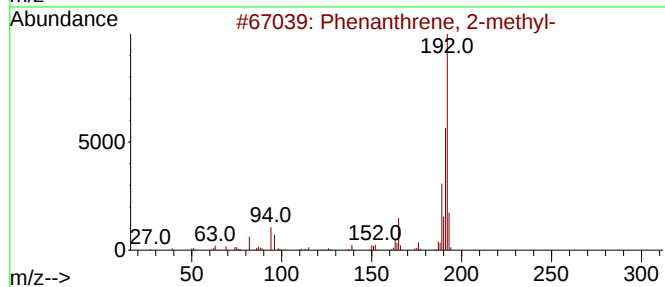
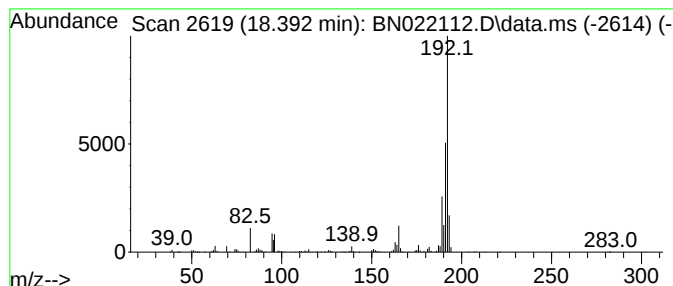
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	2.01 ng/ul	284242	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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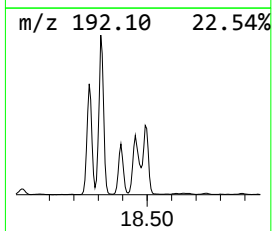
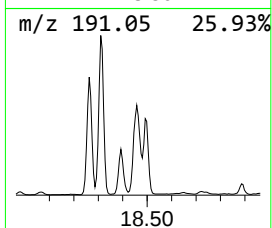
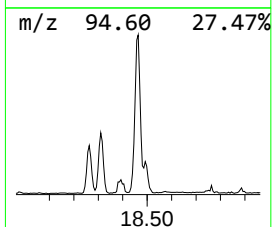
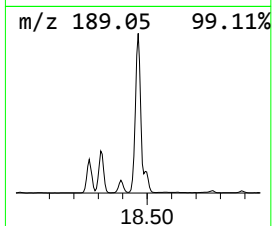
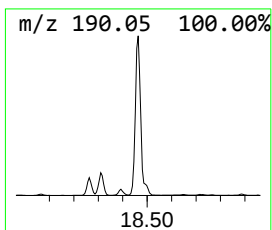
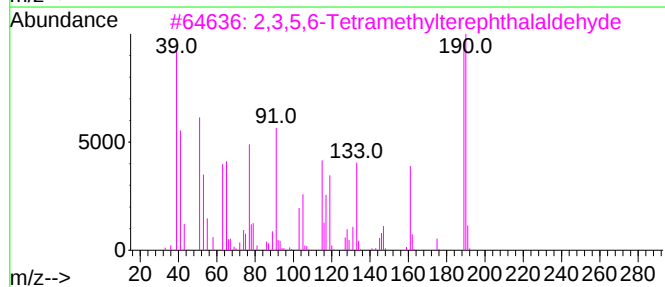
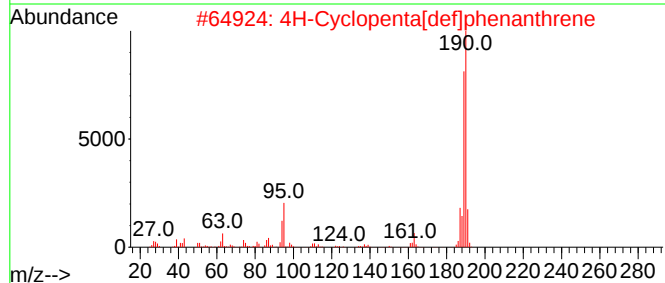
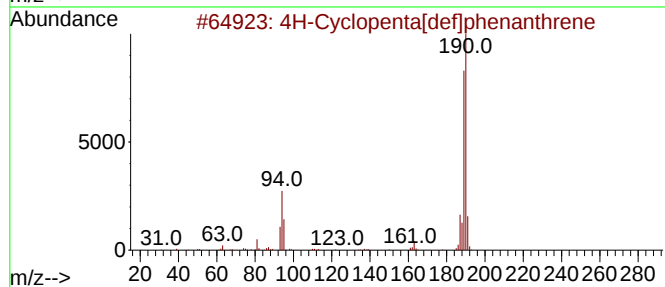
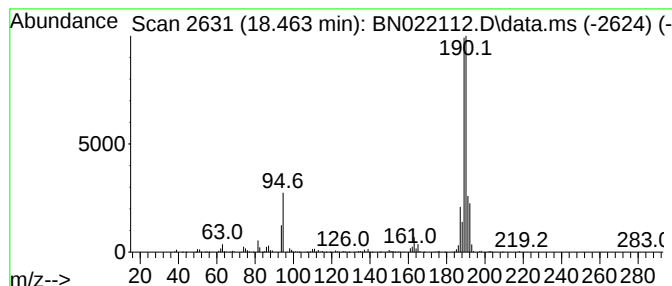
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.463	10.89 ng/ul	1540030	Phenanthrene-d10	17.387	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
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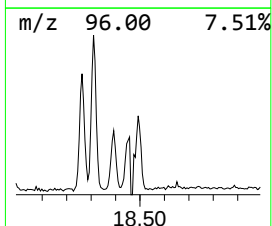
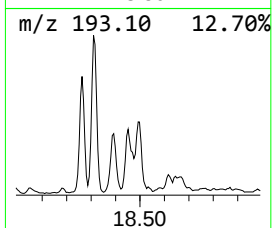
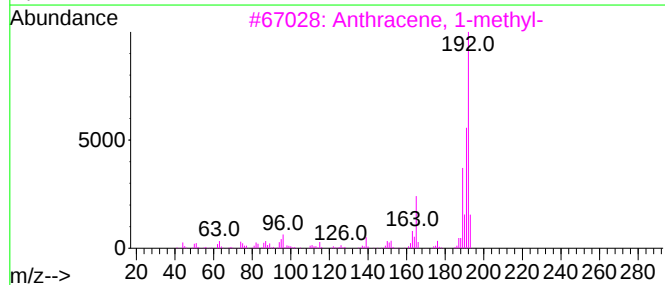
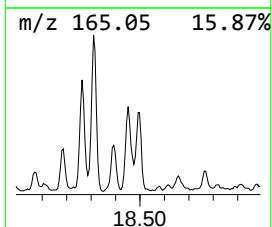
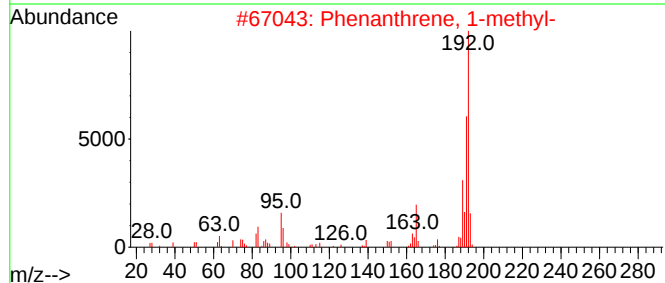
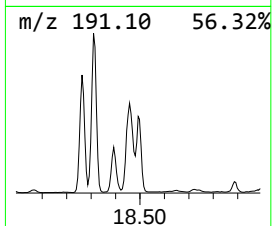
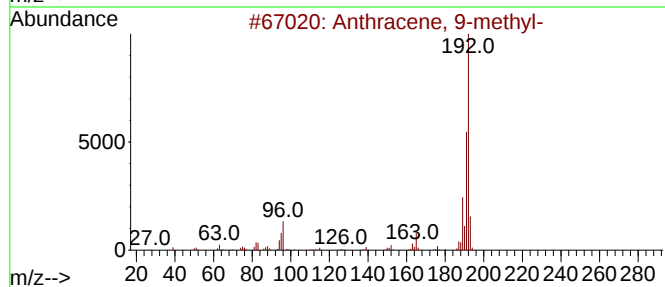
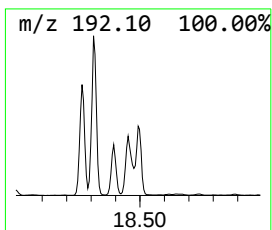
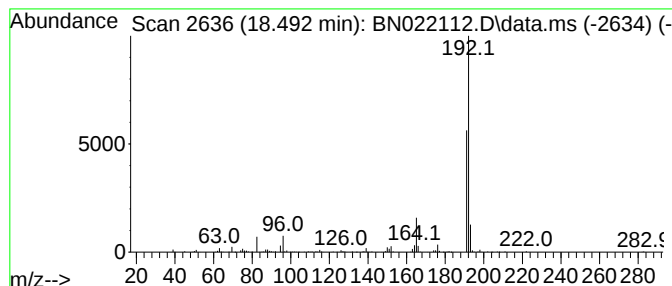
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.88 ng/ul	406972	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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ClientSampleId :
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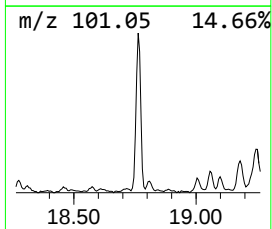
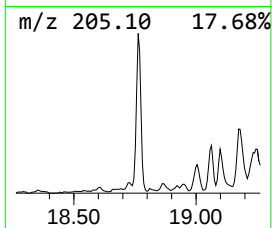
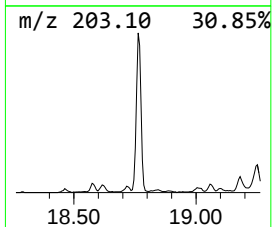
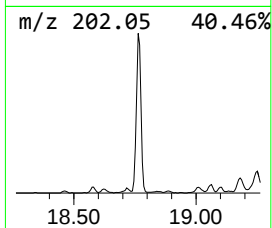
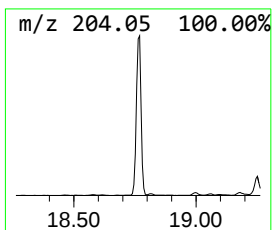
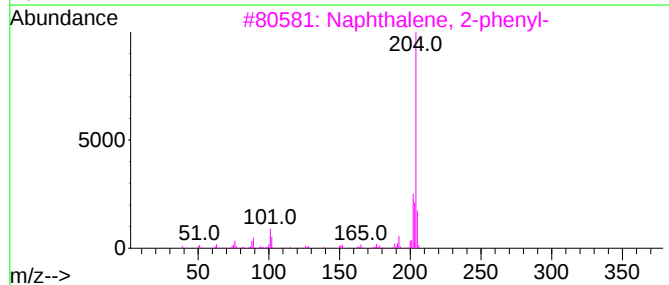
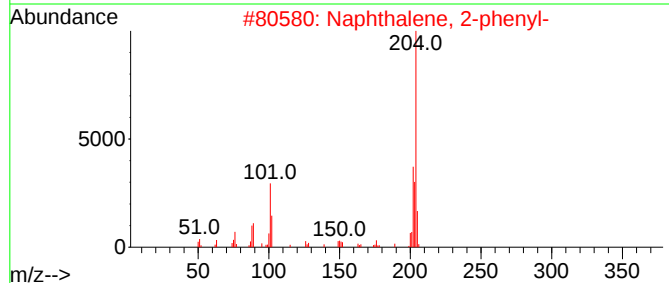
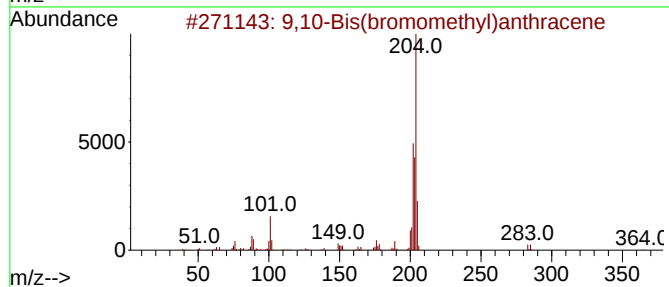
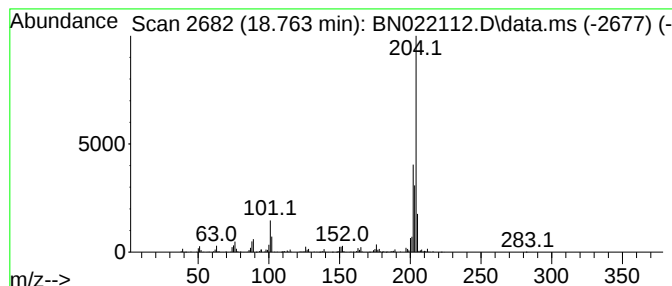
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Bis(bromomethyl)anthra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.763	4.56 ng/ul	644756	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
C0BJ5

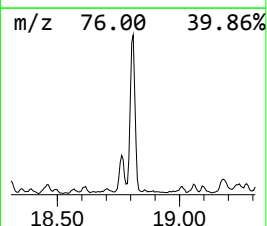
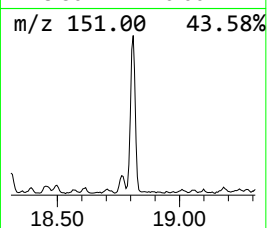
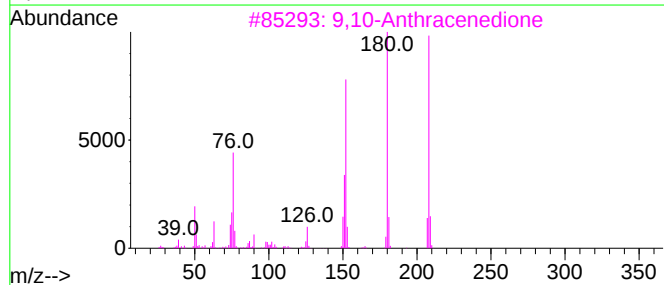
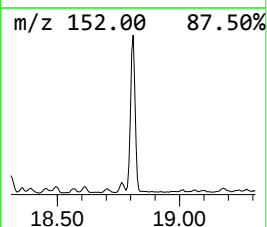
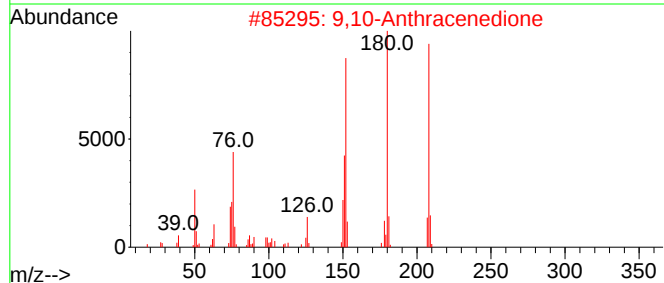
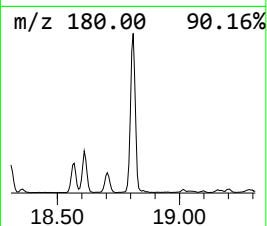
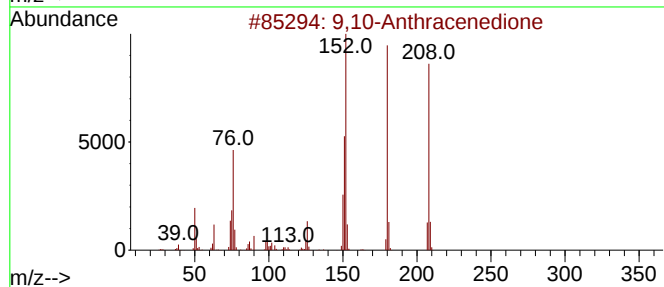
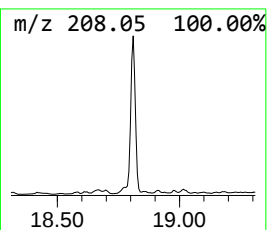
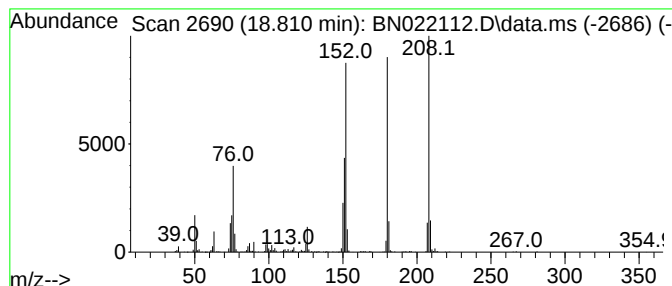
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	4.38 ng/ul	619171	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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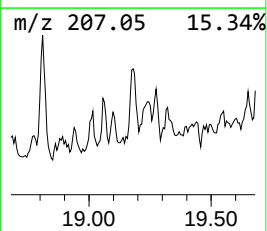
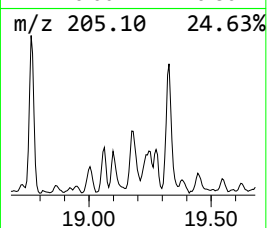
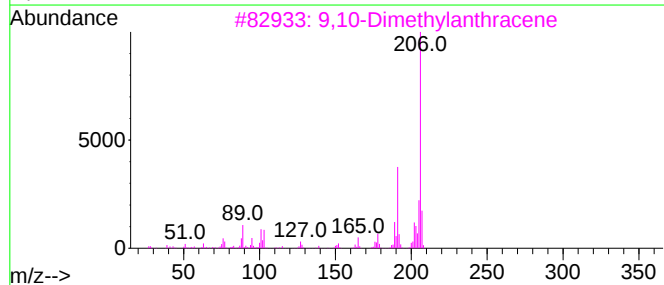
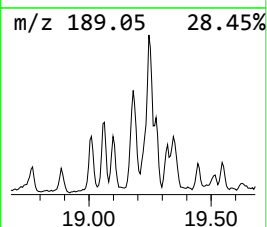
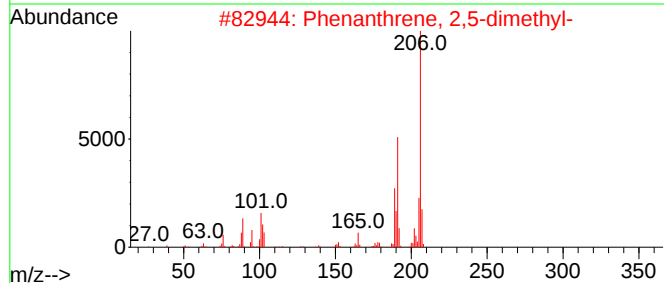
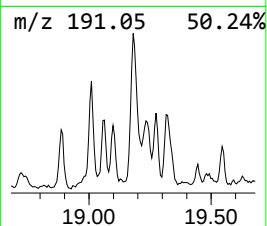
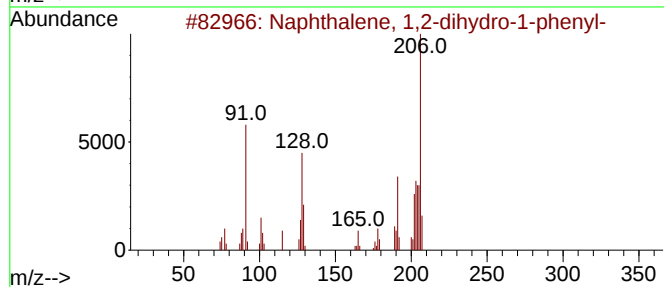
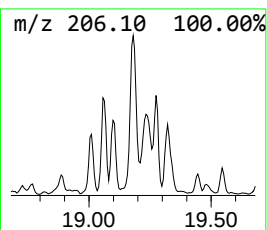
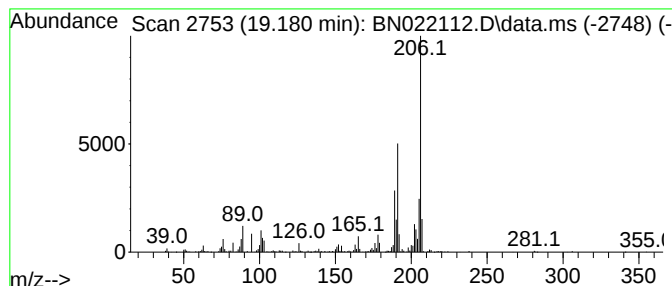
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1,2-dihydro-1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	2.81 ng/ul	397789	Phenanthrene-d10	17.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
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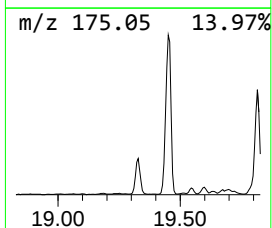
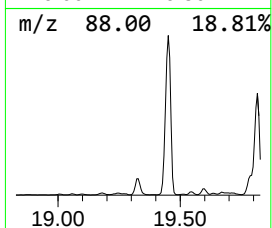
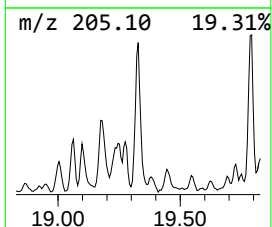
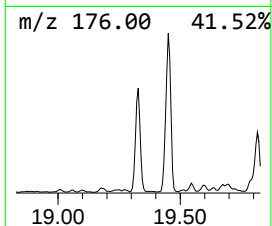
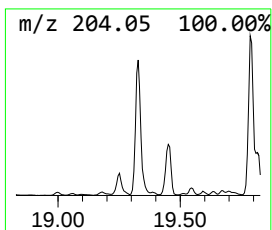
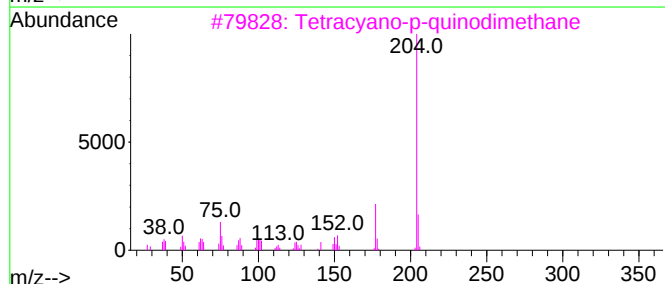
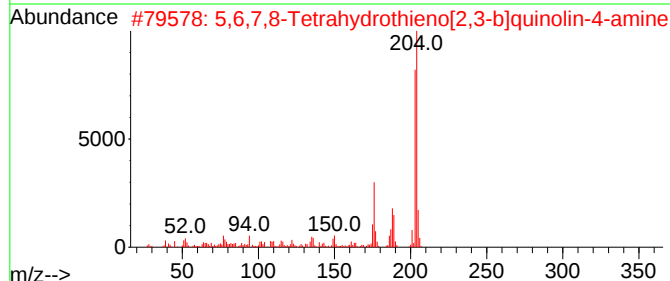
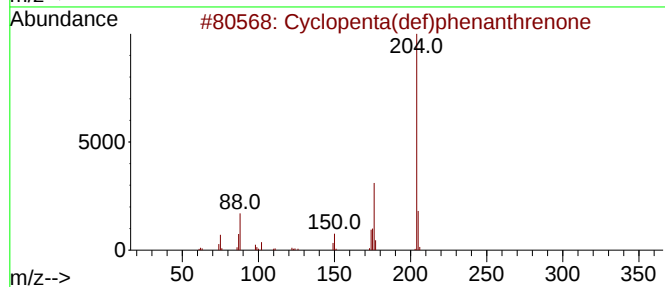
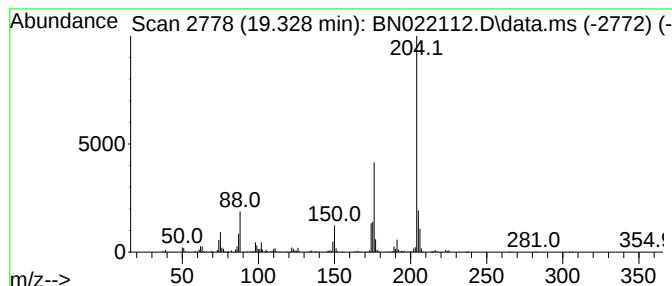
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.328	5.29 ng/ul	748777	Phenanthrene-d10	17.387

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			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
4			Butyl mannoside, 4TMS	524	C22H52O6Si4	146399-94-2	47
5			Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
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Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

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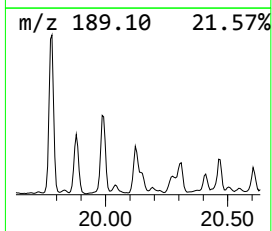
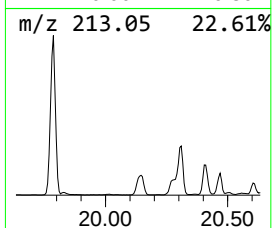
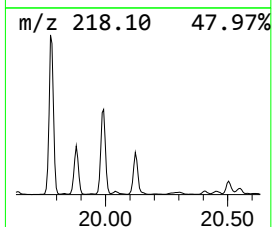
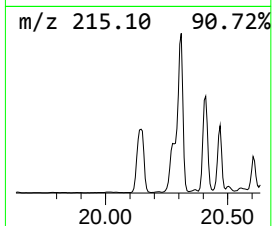
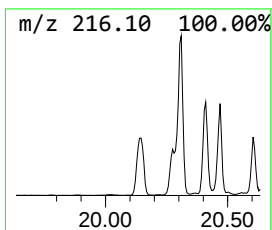
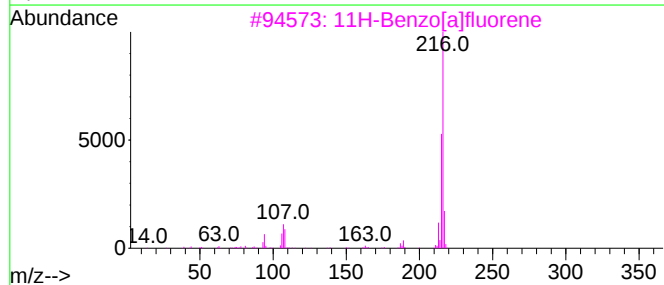
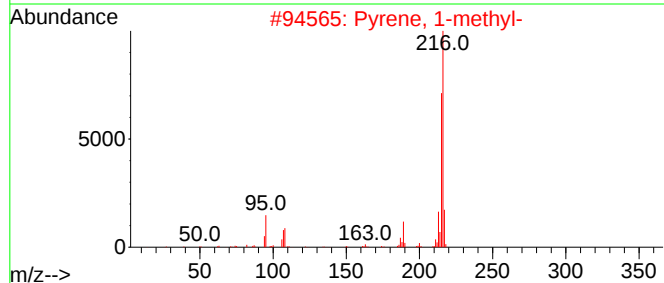
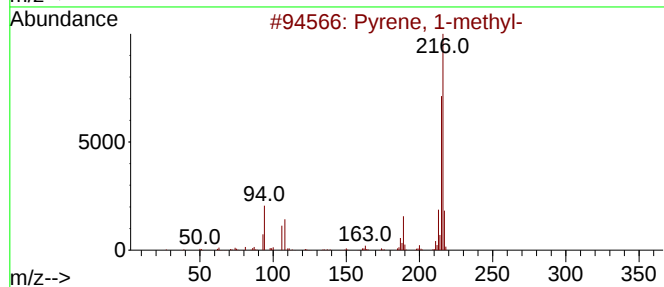
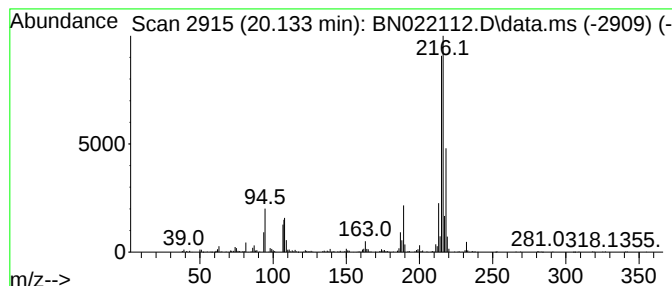
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.133	2.22 ng/ul	997920	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70



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Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
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Misc :
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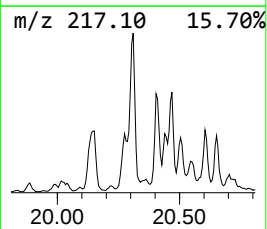
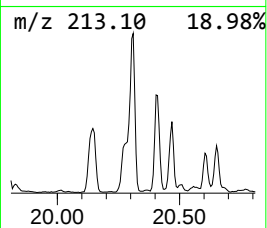
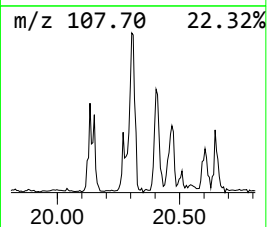
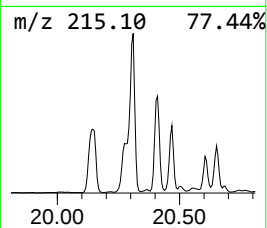
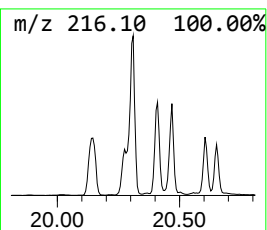
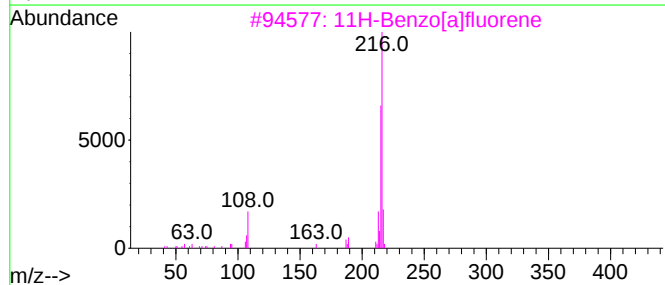
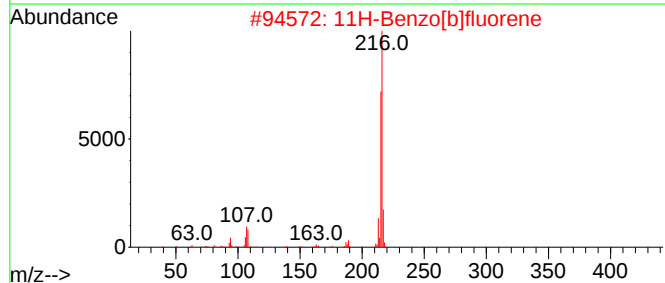
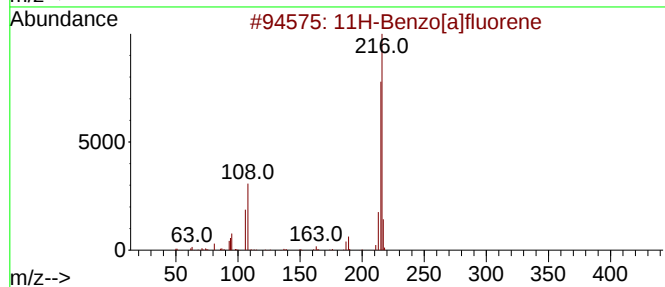
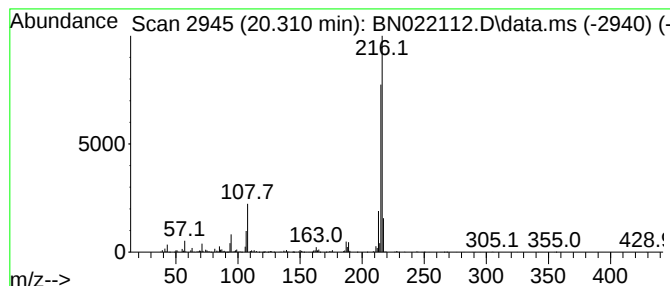
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	2.95 ng/ul	1325540	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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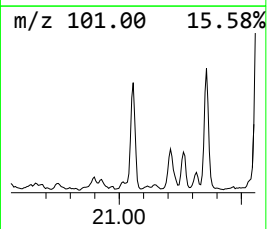
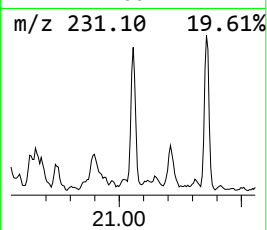
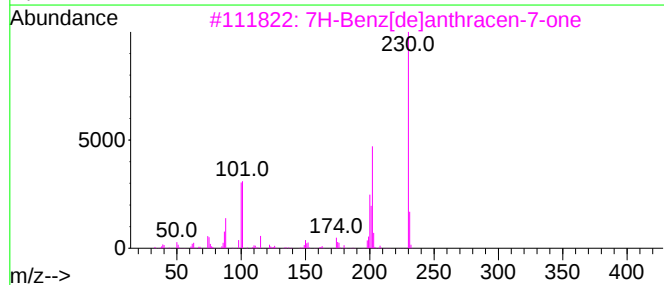
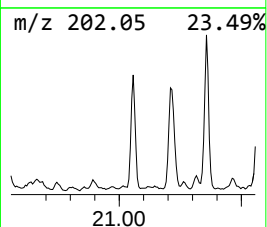
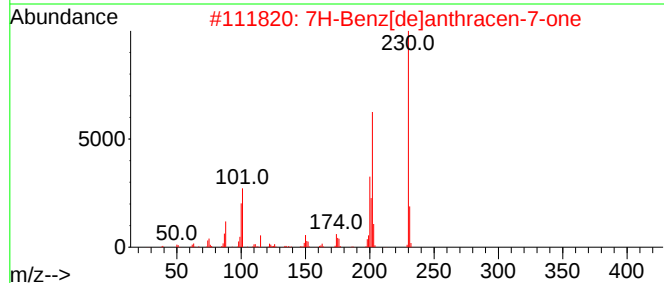
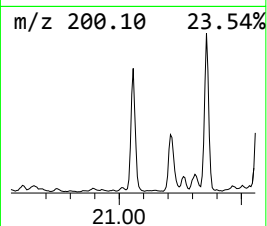
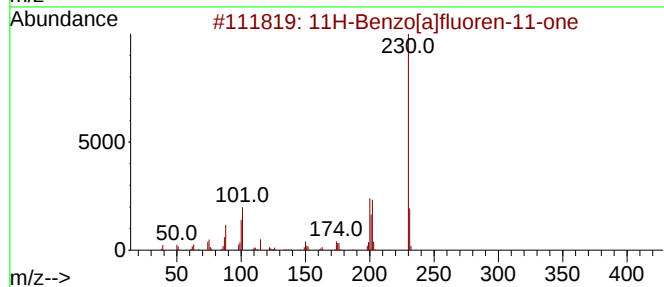
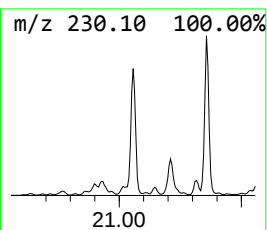
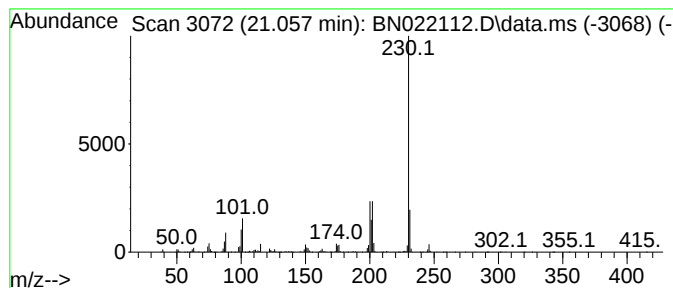
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.02 ng/ul	905451	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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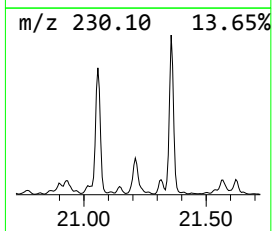
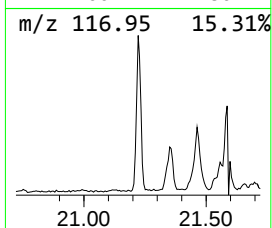
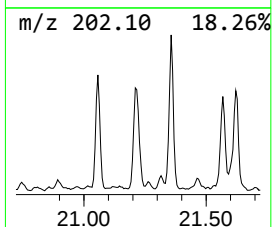
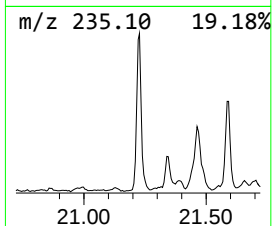
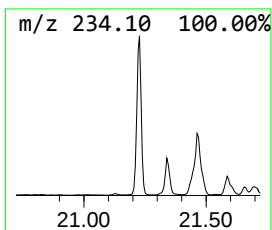
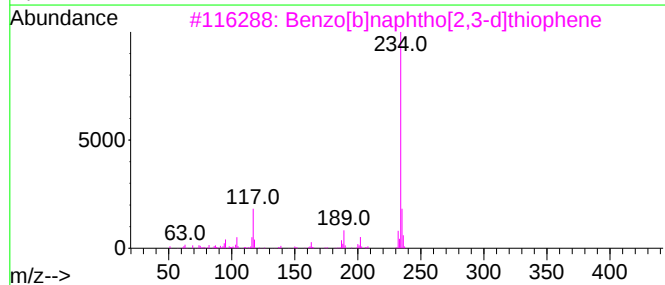
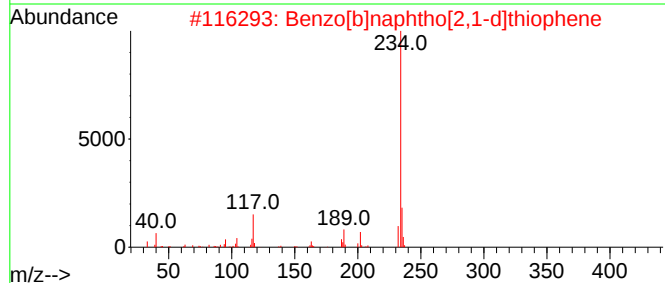
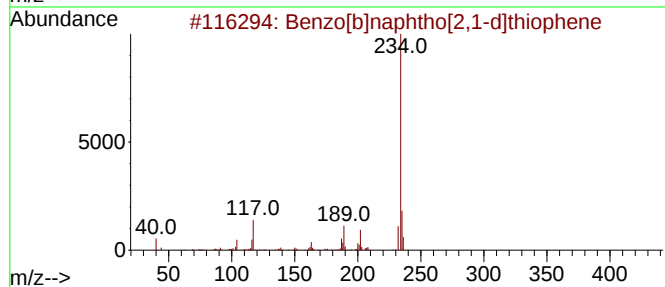
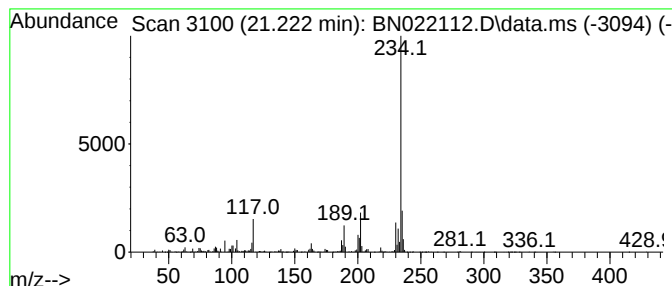
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.222	2.48 ng/ul	1111360	Chrysene-d12	21.586	
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[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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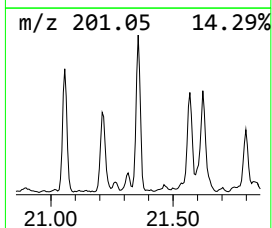
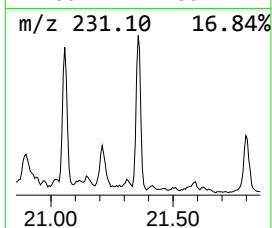
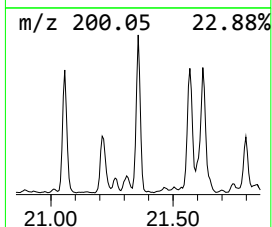
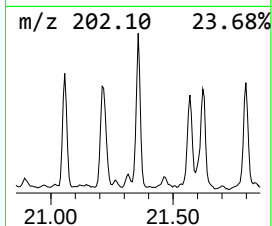
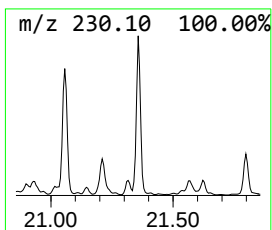
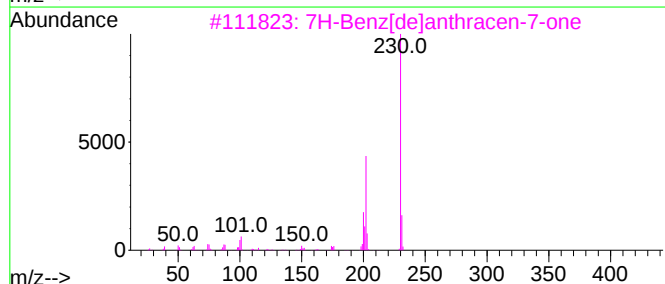
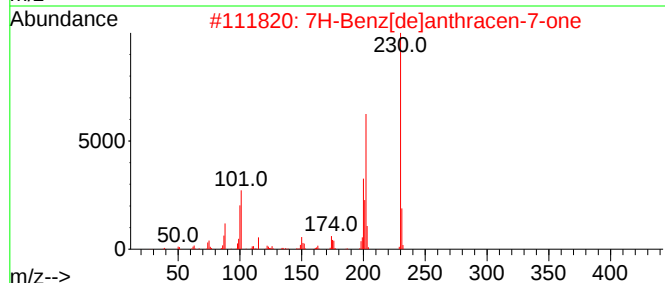
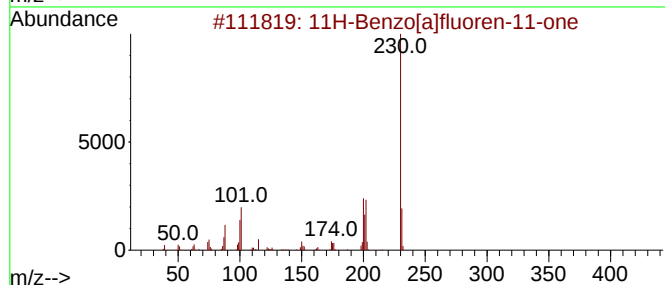
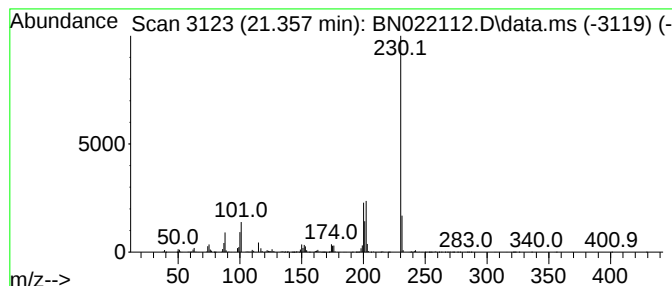
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	2.45 ng/ul	1098930	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
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	81
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BJ5

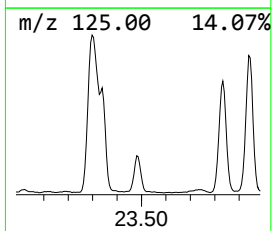
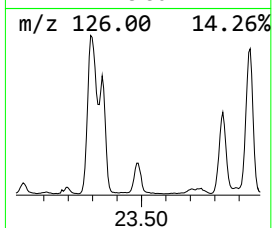
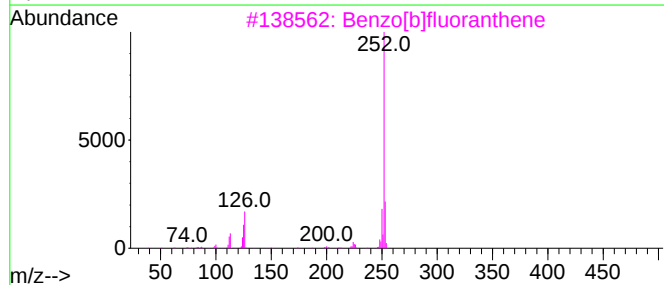
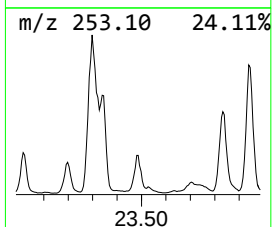
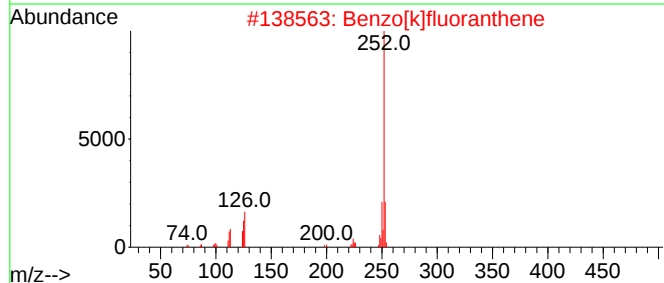
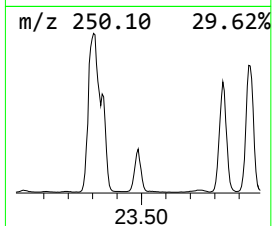
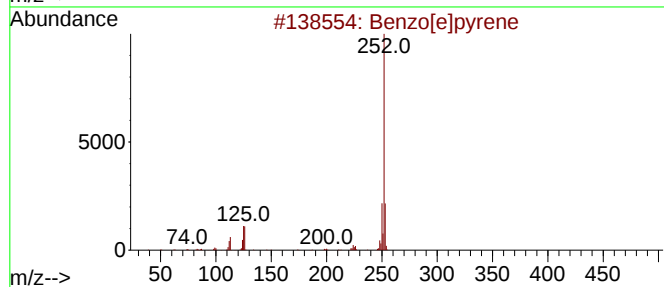
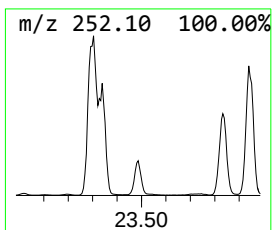
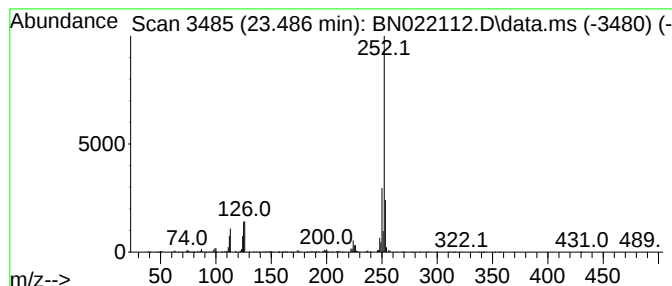
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	6.13 ng/ul	809689	Perylene-d12	24.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[e]pyrene	252	C20H12	000192-97-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BJ5

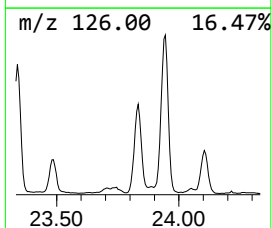
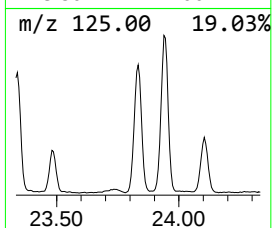
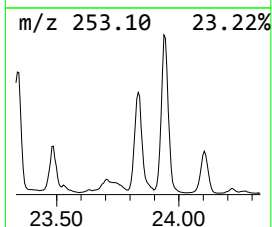
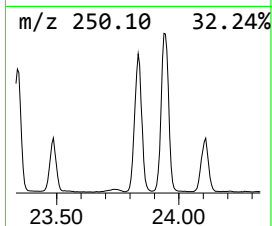
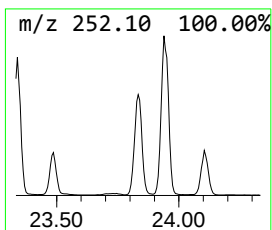
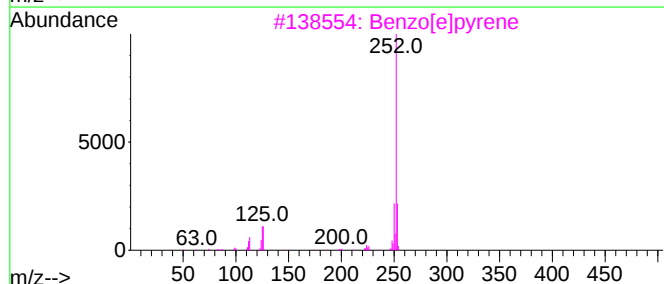
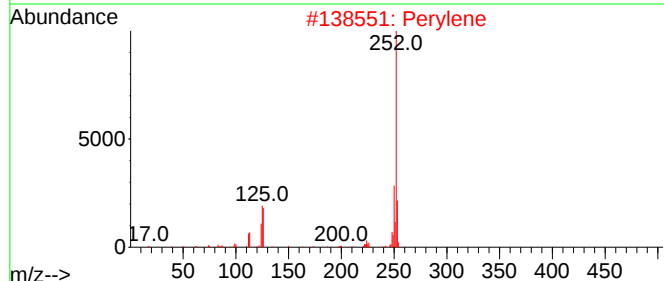
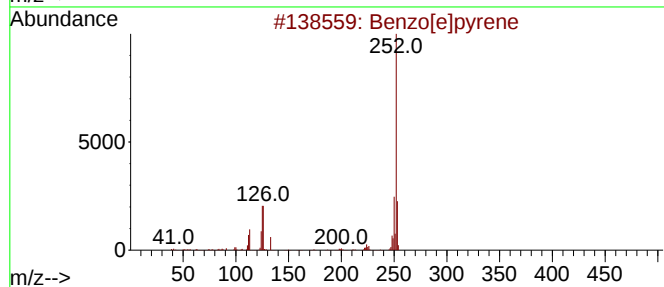
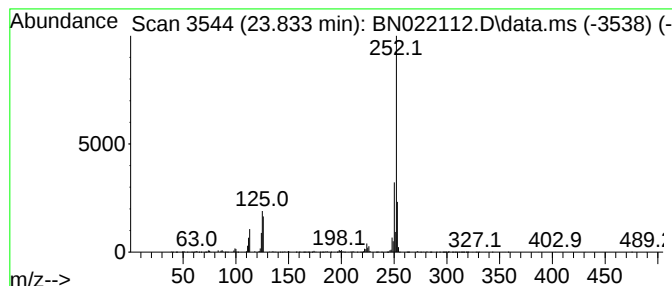
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.833	16.41 ng/ul	2166720	Perylene-d12	24.045

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BJ5

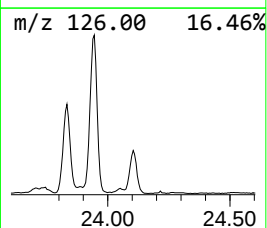
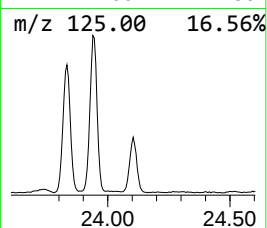
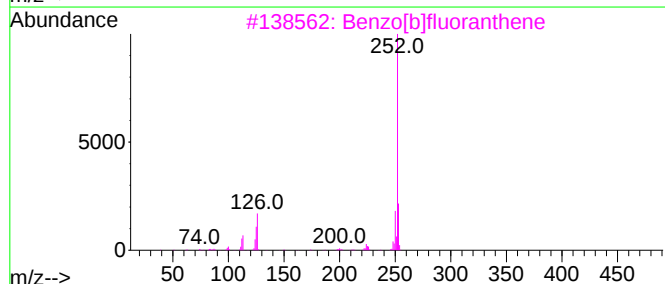
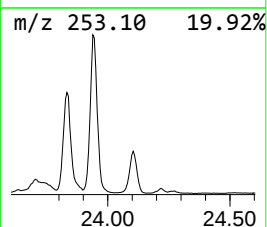
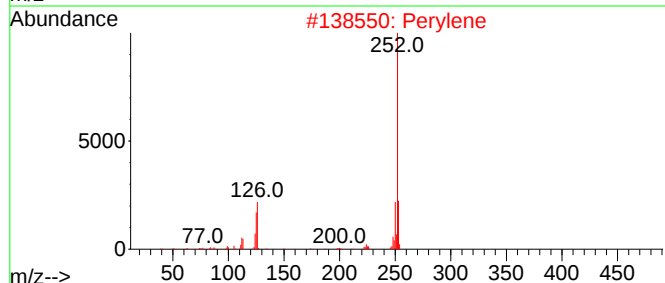
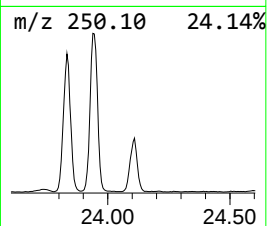
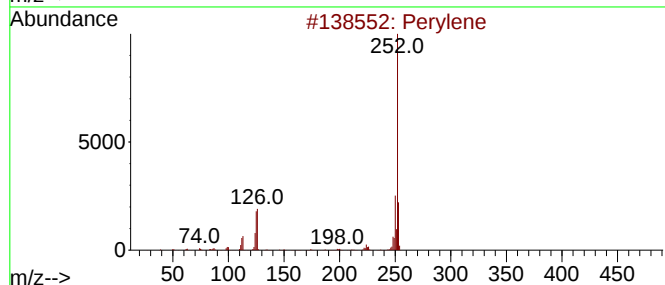
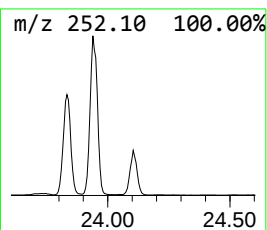
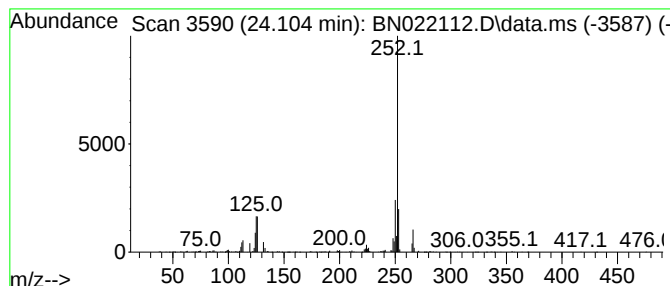
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.104	8.19 ng/ul	1081730	Perylene-d12	24.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	92
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022112.D
Acq On : 14 Oct 2022 06:46
Operator : CG/JU
Sample : N5049-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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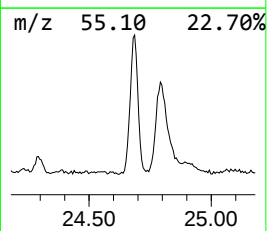
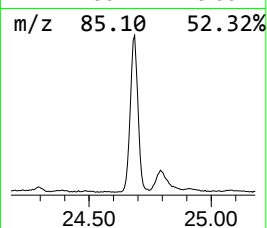
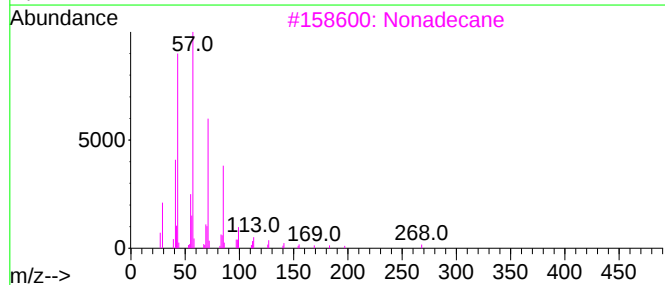
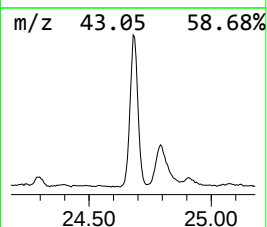
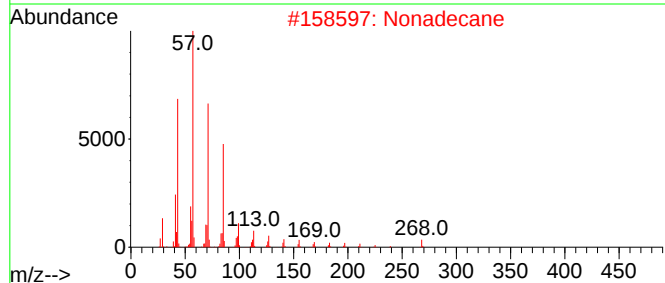
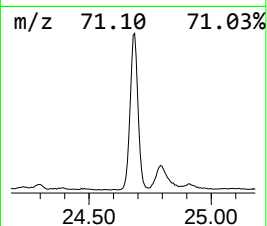
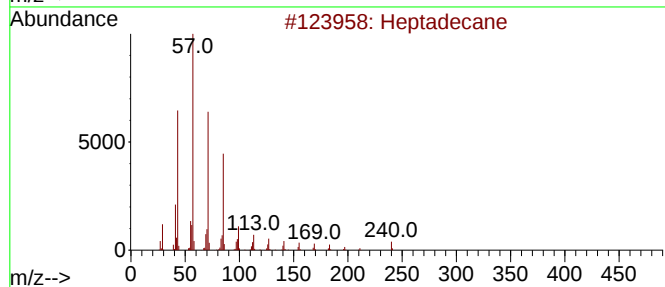
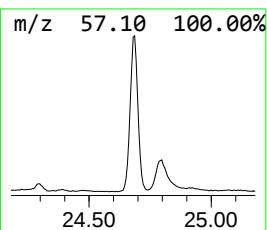
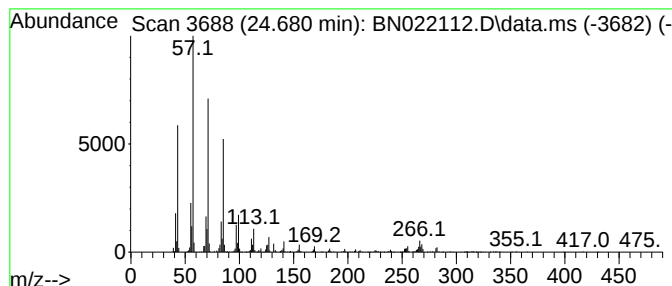
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.680	8.57 ng/ul	1131320	Perylene-d12	24.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		Octadecane	254	C18H38	000593-45-3	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022112.D
 Acq On : 14 Oct 2022 06:46
 Operator : CG/JU
 Sample : N5049-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.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
Dibenzofuran, 4...	16.116	2.3	ng/ul	318895	4	17.387	2829180	20.0
9H-Fluoren-9-one	17.034	3.2	ng/ul	453203	4	17.387	2829180	20.0
Dibenzothiophene	17.198	3.2	ng/ul	447322	4	17.387	2829180	20.0
Phenanthrene, 2...	18.263	6.3	ng/ul	893851	4	17.387	2829180	20.0
Phenanthrene, 1...	18.310	7.2	ng/ul	1021290	4	17.387	2829180	20.0
Phenanthrene, 4...	18.392	2.0	ng/ul	284242	4	17.387	2829180	20.0
4H-Cyclopenta[d...	18.463	10.9	ng/ul	1540030	4	17.387	2829180	20.0
Anthracene, 9-m...	18.492	2.9	ng/ul	406972	4	17.387	2829180	20.0
9,10-Bis(bromom...	18.763	4.6	ng/ul	644756	4	17.387	2829180	20.0
9,10-Anthracene...	18.810	4.4	ng/ul	619171	4	17.387	2829180	20.0
Naphthalene, 1...	19.180	2.8	ng/ul	397789	4	17.387	2829180	20.0
Cyclopenta(def)...	19.328	5.3	ng/ul	748777	4	17.387	2829180	20.0
Pyrene, 1-methyl-	20.133	2.2	ng/ul	997920	5	21.586	8977750	20.0
11H-Benzo[a]flu...	20.310	3.0	ng/ul	1325540	5	21.586	8977750	20.0
11H-Benzo[a]flu...	21.057	2.0	ng/ul	905451	5	21.586	8977750	20.0
Benzo[b]naphtho...	21.222	2.5	ng/ul	1111360	5	21.586	8977750	20.0
7H-Benz[de]anth...	21.357	2.5	ng/ul	1098930	5	21.586	8977750	20.0
Benzo[e]pyrene	23.486	6.1	ng/ul	809689	6	24.045	2640420	20.0
Perylene	23.833	16.4	ng/ul	2166720	6	24.045	2640420	20.0
unknown-01	24.104	8.2	ng/ul	1081730	6	24.045	2640420	20.0
(DEL) Alkane: S...	24.680	8.6	ng/ul	1131320	6	24.045	2640420	20.0