

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059777.D
 Acq On : 20 Nov 2023 20:29
 Operator : MA/JU
 Sample : 05351-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_G\Methods\8270-BG111623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.827	407	415	426	rVB	627703	1000045	8.62%	1.408%
2	7.454	683	692	699	rVB	735760	1219589	10.51%	1.717%
3	8.330	833	841	851	rVB2	153289	269717	2.32%	0.380%
4	9.534	1036	1046	1052	rBV	461414	850089	7.32%	1.197%
5	11.179	1317	1326	1332	rBV	205299	399000	3.44%	0.562%
6	13.582	1728	1735	1745	rBV	1351719	1995761	17.19%	2.810%
7	14.963	1965	1970	1975	rVV	328515	507510	4.37%	0.715%
8	15.028	1975	1981	1985	rVB3	106608	167917	1.45%	0.236%
9	15.357	2028	2037	2042	rVB3	134639	253417	2.18%	0.357%
10	16.003	2141	2147	2153	rVB	503300	780117	6.72%	1.099%
11	16.156	2169	2173	2179	rVB3	101276	167828	1.45%	0.236%
12	16.285	2186	2195	2203	rVB2	181416	456513	3.93%	0.643%
13	16.444	2215	2222	2232	rBV2	1196836	2095599	18.06%	2.951%
14	16.626	2248	2253	2257	rVB2	158691	231085	1.99%	0.325%
15	16.996	2306	2316	2321	rBV2	214059	514482	4.43%	0.724%
16	17.049	2321	2325	2329	rVV4	87524	145622	1.25%	0.205%
17	17.213	2347	2353	2356	rBV4	134074	235803	2.03%	0.332%
18	17.342	2369	2375	2383	rBV4	91014	237642	2.05%	0.335%
19	17.419	2384	2388	2393	rBV2	104180	189132	1.63%	0.266%
20	17.530	2401	2407	2414	rVB2	354796	592547	5.11%	0.834%
21	17.713	2432	2438	2441	rBV	361378	589253	5.08%	0.830%
22	17.765	2441	2447	2453	rVV	5858479	8713296	75.07%	12.270%
23	17.848	2456	2461	2468	rVV	805116	1231042	10.61%	1.734%
24	17.907	2468	2471	2476	rVB5	67906	123964	1.07%	0.175%
25	18.112	2501	2506	2512	rBV7	99235	235116	2.03%	0.331%
26	18.218	2521	2524	2529	rBV	110028	151895	1.31%	0.214%
27	18.288	2532	2536	2540	rVB4	93898	122667	1.06%	0.173%
28	18.429	2557	2560	2565	rVB5	69833	121473	1.05%	0.171%
29	18.529	2572	2577	2580	rBV3	166811	238353	2.05%	0.336%
30	18.576	2580	2585	2589	rVV	511826	742014	6.39%	1.045%
31	18.629	2589	2594	2600	rVV	695596	989056	8.52%	1.393%
32	18.706	2602	2607	2612	rVV	269980	406988	3.51%	0.573%
33	18.782	2612	2620	2630	rVB2	918018	2009542	17.31%	2.830%
34	19.064	2663	2668	2673	rBV	502440	735884	6.34%	1.036%
35	19.123	2675	2678	2684	rVB3	123495	181339	1.56%	0.255%
36	19.299	2706	2708	2713	rVB3	91058	126813	1.09%	0.179%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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_G\Methods\8270-BG111623.M
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37	19.464	2732	2736	2741	rBV3	178839	317674	2.74%	0.447%
38	19.763	2778	2787	2795	rBV	8059209	11606655	100.00%	16.344%
39	19.828	2796	2798	2804	rVB6	74560	133969	1.15%	0.189%
40	19.992	2821	2826	2833	rVB	232510	405110	3.49%	0.570%
41	20.080	2835	2841	2844	rVV2	1017551	2088947	18.00%	2.942%
42	20.122	2844	2848	2853	rVV	4438213	6202829	53.44%	8.735%
43	20.169	2853	2856	2860	rVB2	244203	331613	2.86%	0.467%
44	20.286	2870	2876	2882	rBV2	2465864	3446591	29.69%	4.853%
45	20.357	2884	2888	2892	rBV2	123289	172883	1.49%	0.243%
46	20.415	2892	2898	2905	rVB4	263536	626645	5.40%	0.882%
47	20.592	2924	2928	2933	rVB	1055101	1519470	13.09%	2.140%
48	20.691	2939	2945	2949	rBV	1288482	1771563	15.26%	2.495%
49	20.750	2953	2955	2958	rVV	211772	231251	1.99%	0.326%
50	20.785	2958	2961	2964	rVB	164810	179109	1.54%	0.252%
51	20.897	2976	2980	2984	rBV3	115385	190772	1.64%	0.269%
52	21.132	3016	3020	3026	rBV5	85184	139963	1.21%	0.197%
53	21.326	3049	3053	3057	rBV5	108347	191822	1.65%	0.270%
54	21.385	3061	3063	3069	rVB7	101304	153781	1.32%	0.217%
55	21.585	3092	3097	3102	rBV	477134	790666	6.81%	1.113%
56	21.632	3102	3105	3109	rVB	221175	333162	2.87%	0.469%
57	21.684	3109	3114	3119	rBV5	195241	405901	3.50%	0.572%
58	21.884	3144	3148	3155	rVB2	119668	237660	2.05%	0.335%
59	22.025	3161	3172	3180	rBV3	1331788	3436889	29.61%	4.840%
60	22.102	3180	3185	3191	rVB	1596599	2729672	23.52%	3.844%
61	22.254	3207	3211	3218	rBV	168421	306917	2.64%	0.432%
62	22.824	3301	3308	3313	rBV	95829	224842	1.94%	0.317%
63	23.236	3375	3378	3384	rVB2	165985	277757	2.39%	0.391%
64	23.588	3431	3438	3445	rBV2	81492	228300	1.97%	0.321%
65	24.469	3578	3588	3594	rBV2	395479	1322047	11.39%	1.862%
66	25.280	3720	3726	3738	rVB	180919	556598	4.80%	0.784%
67	25.445	3748	3754	3761	rBV3	193298	527085	4.54%	0.742%
68	25.609	3773	3782	3793	rVB4	174155	707105	6.09%	0.996%
69	26.062	3854	3859	3866	rBV4	74952	189737	1.63%	0.267%

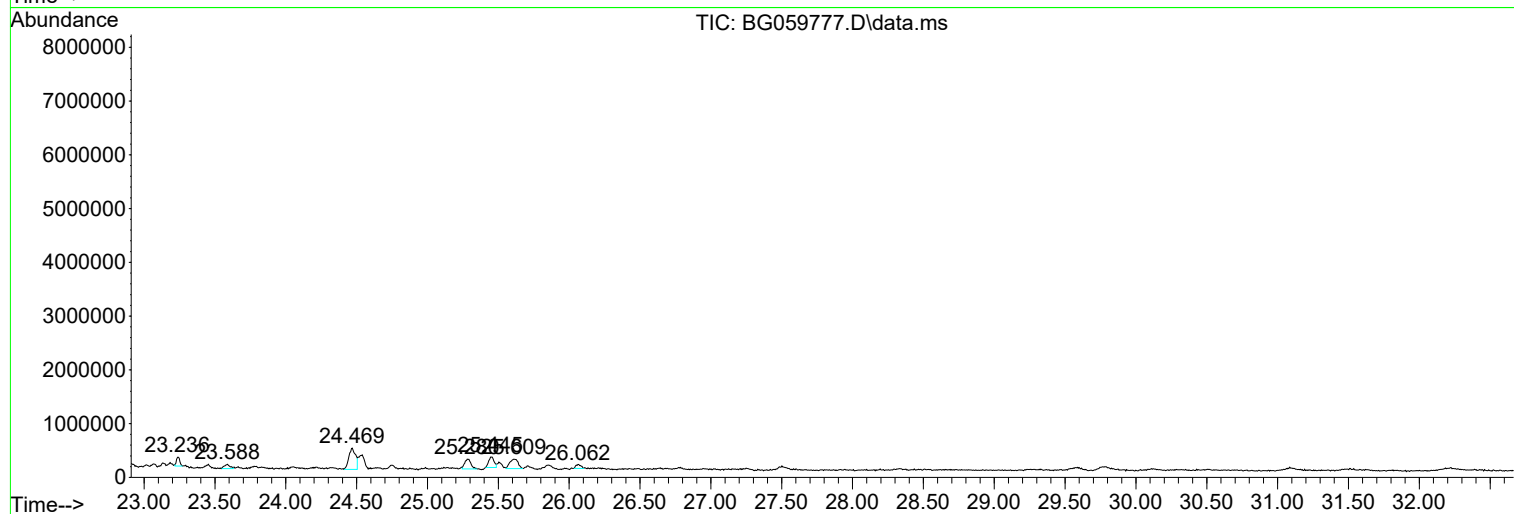
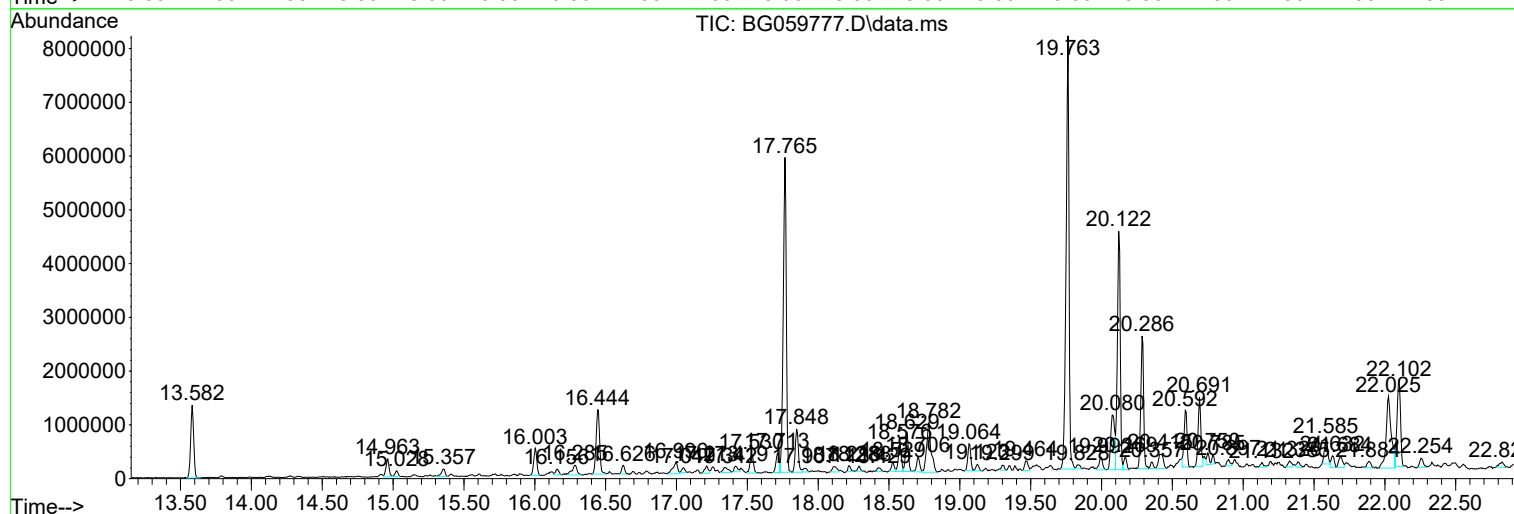
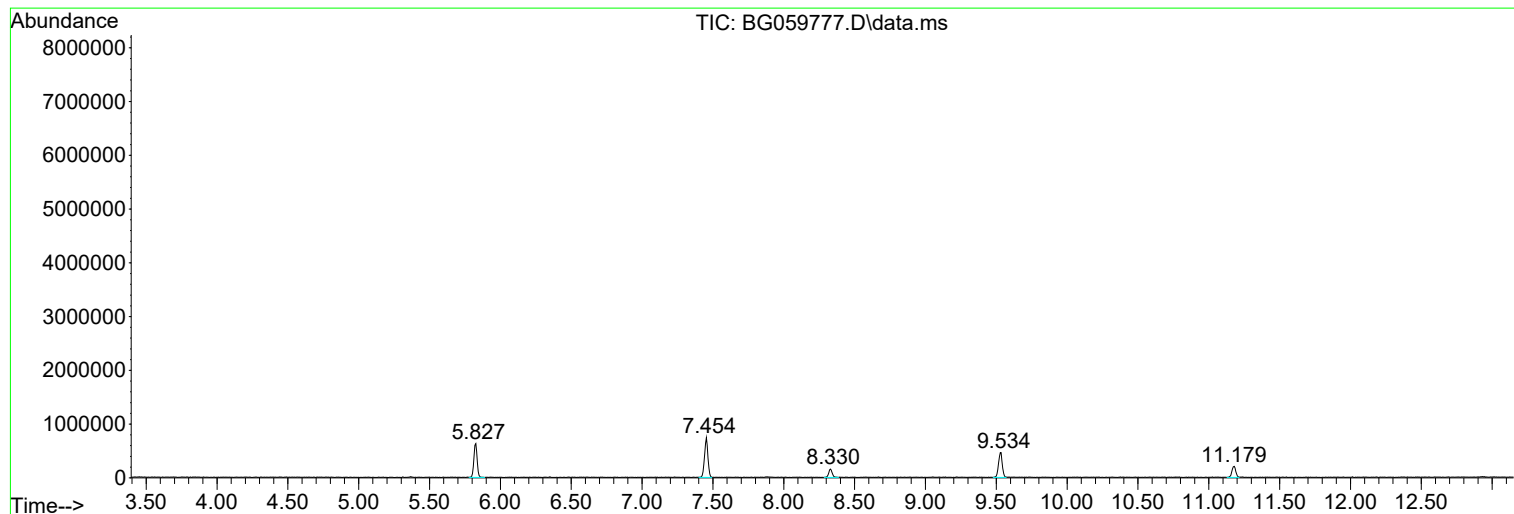
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
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Operator : MA/JU
Sample : 05351-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

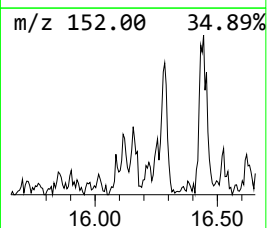
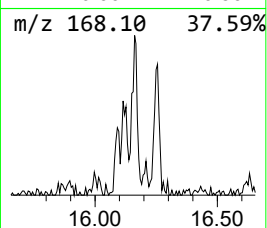
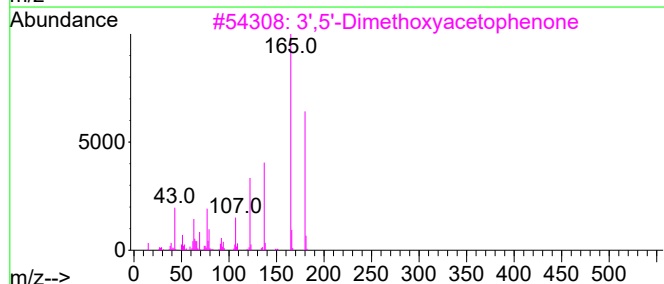
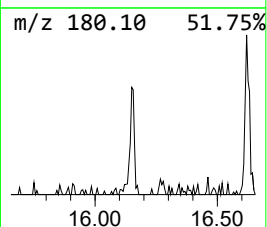
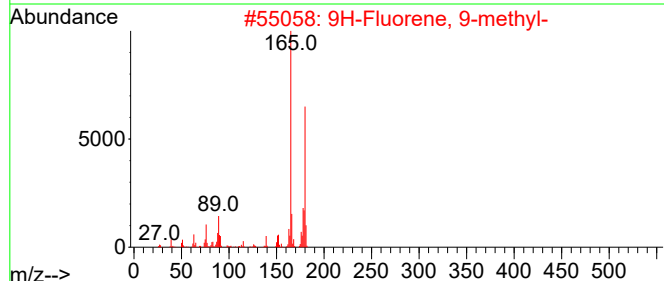
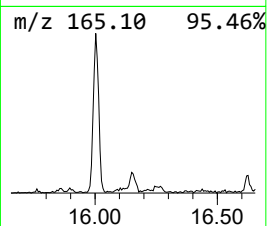
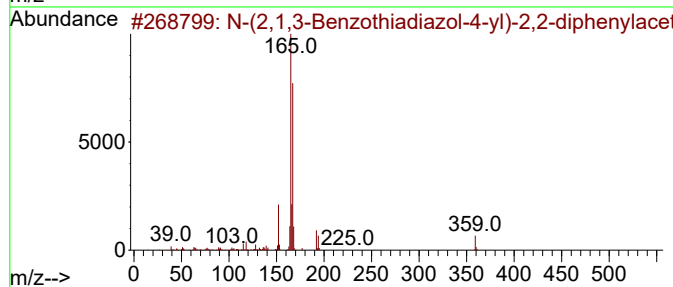
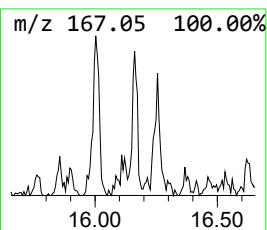
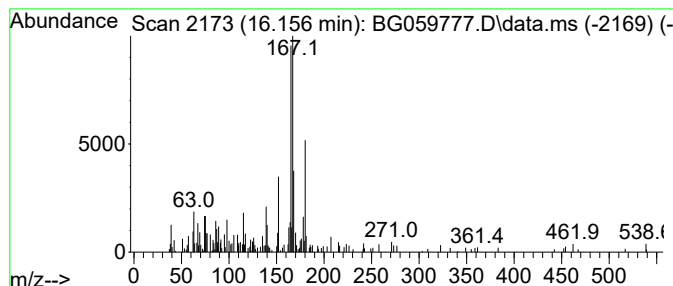
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown16.156 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.156	6.61 ng	167828	Acenaphthene-d10	14.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(2,1,3-Benzothiadiazol-4-yl)-2...	359	C21H17N3OS	1000511-26-7	49
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
3			3',5'-Dimethoxyacetophenone	180	C10H12O3	039151-19-4	30
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	30
5			3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	30



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Misc :
ALS Vial : 11 Sample Multiplier: 1

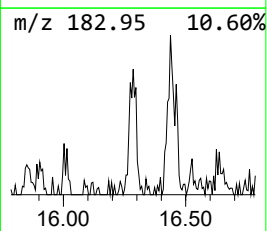
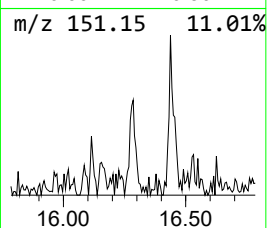
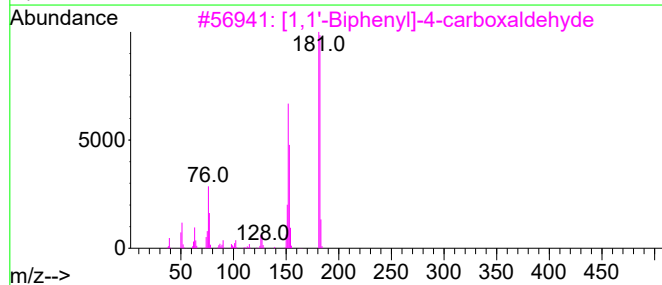
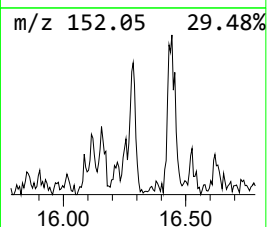
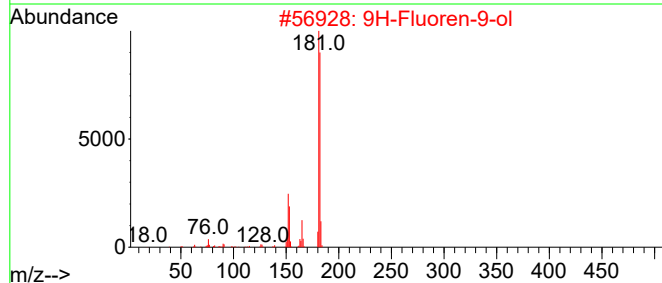
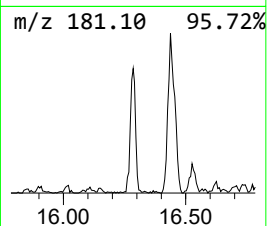
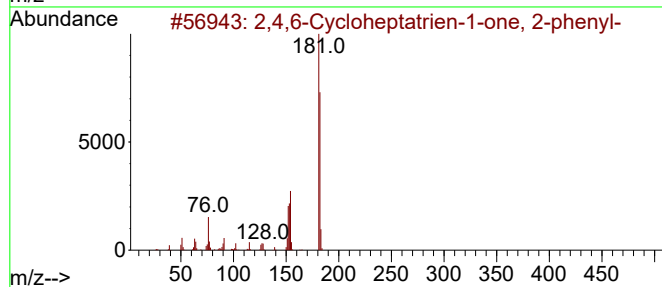
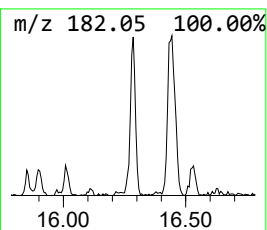
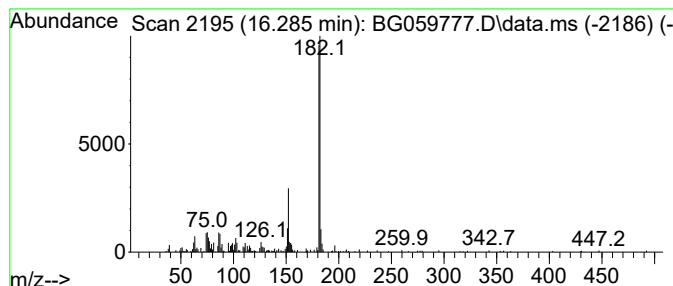
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.285	17.99 ng	456513	Acenaphthene-d10		14.963	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	87
3	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	83
4	Pyrido[2,3-b]indole, 6-methyl-		182	C12H10N2	108349-67-3	64
5	6H-Dibenzo[b,d]-pyran		182	C13H10O	000229-95-8	45



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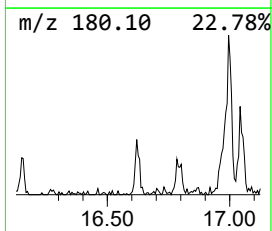
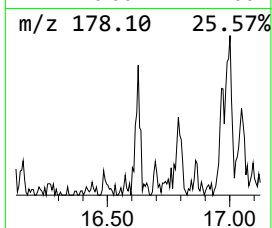
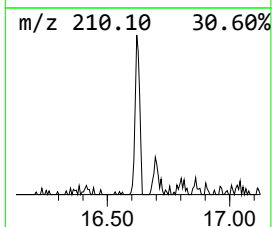
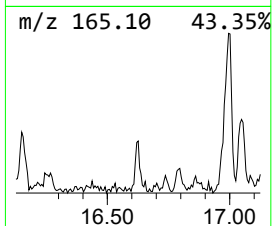
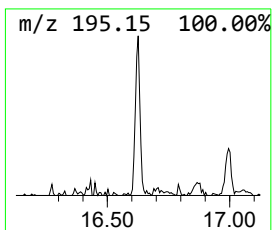
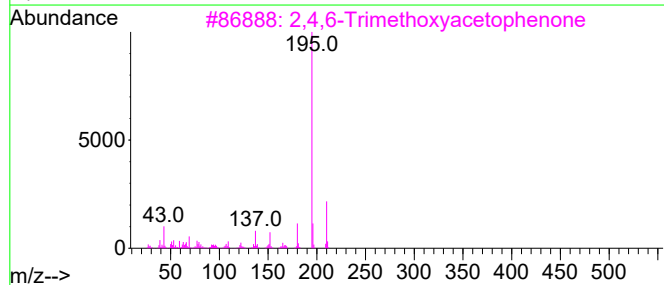
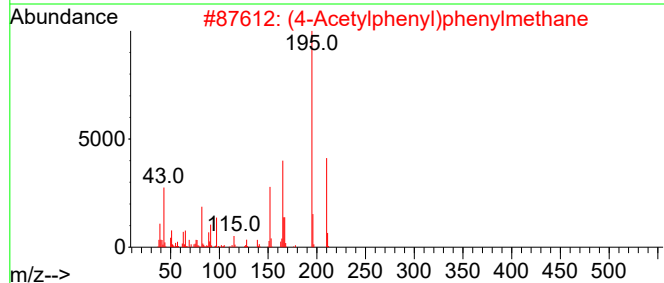
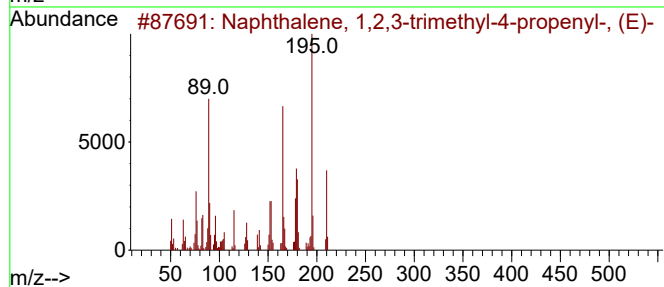
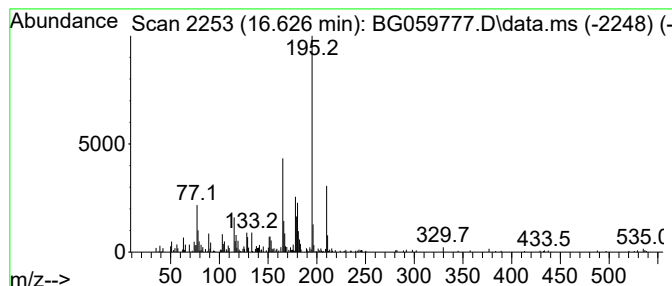
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3-trimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.626	7.84 ng	231085	Phenanthrene-d10	17.713	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	86
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	76
3	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	49
4	Cyanomethylbenzene, 2-fluoro-4,5...	195	C10H10FNO2	091407-49-7	46
5	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	43



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ClientSampleId :
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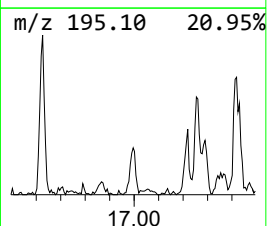
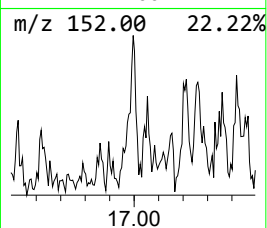
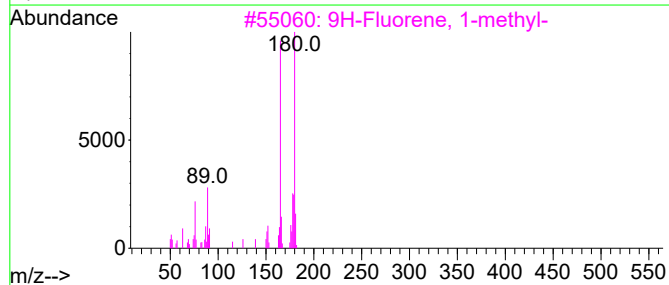
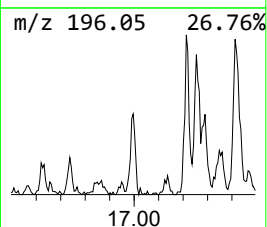
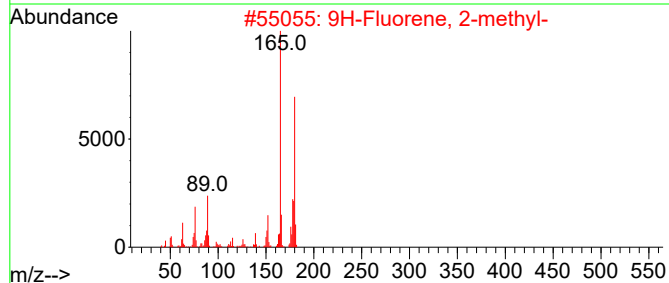
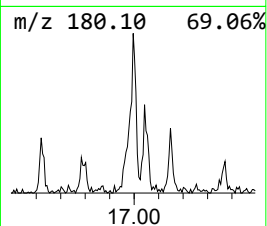
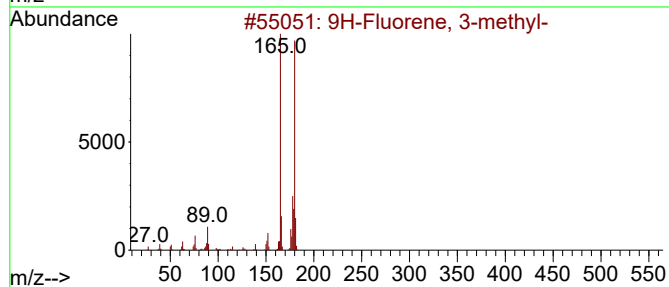
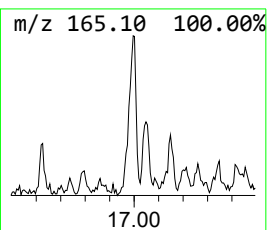
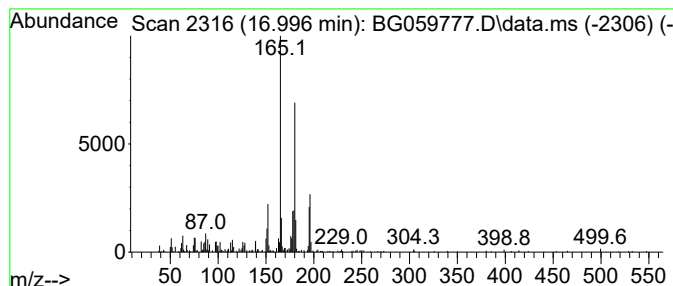
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9H-Fluorene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.996	17.46 ng	514482	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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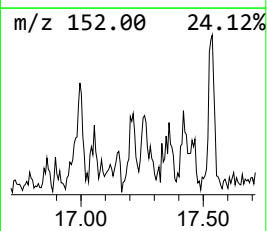
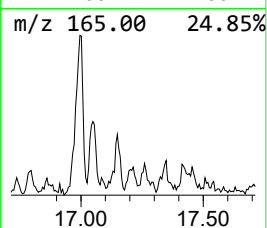
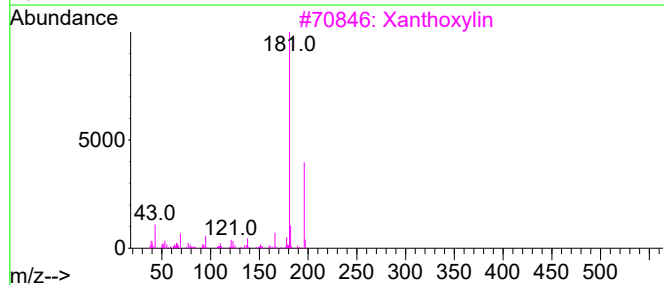
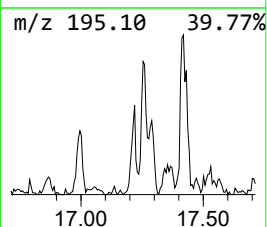
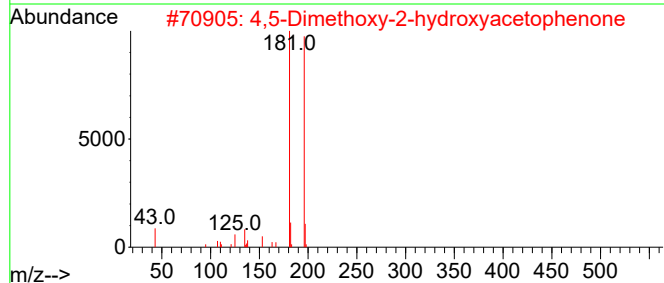
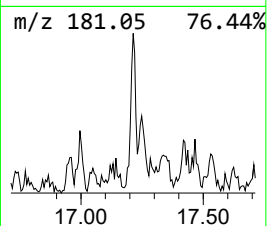
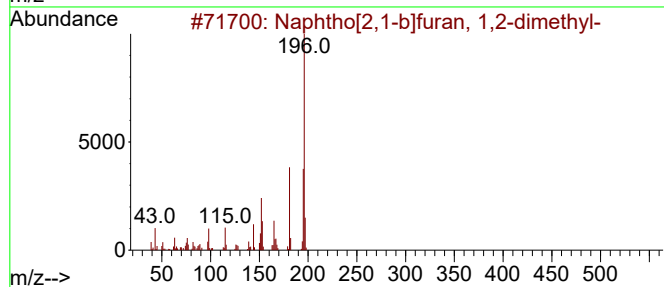
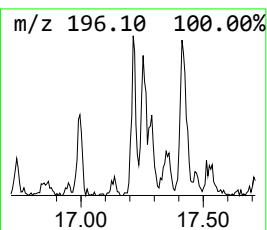
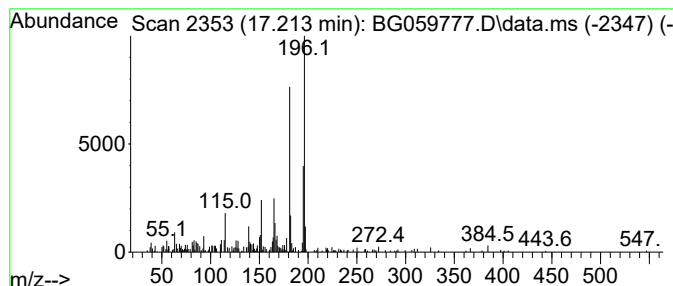
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.213	8.00 ng	235803	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	62
2			4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	52
3			Xanthoxylin	196	C10H12O4	000090-24-4	52
4			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	42
5			9H-Xanthen-9-ylamine	197	C13H11NO	1000296-94-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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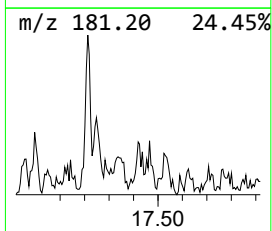
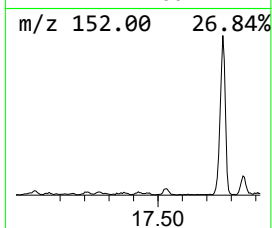
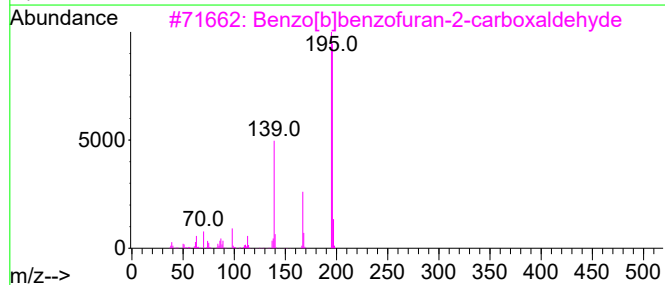
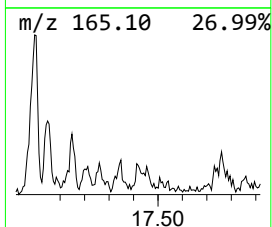
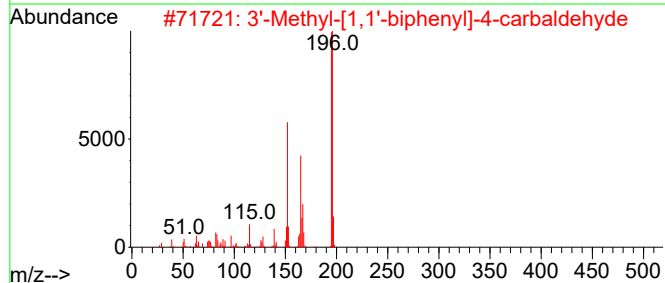
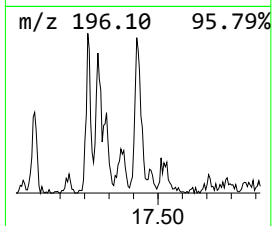
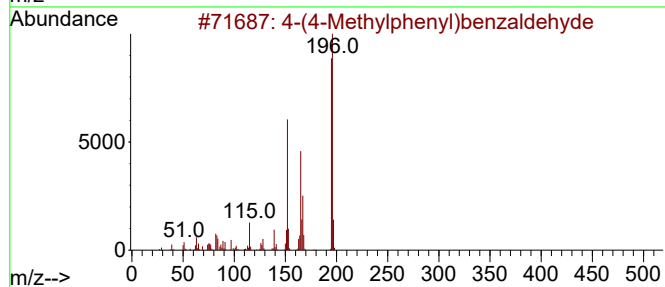
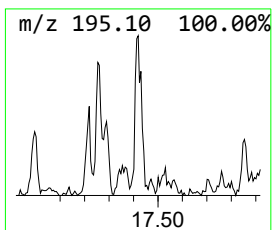
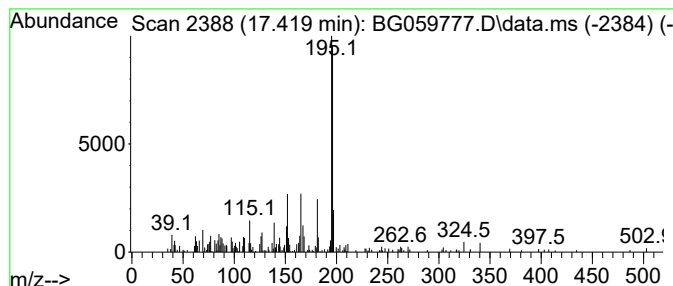
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.419	6.42 ng	189132	Phenanthrene-d10	17.713	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	91
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	74
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	62
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	53
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
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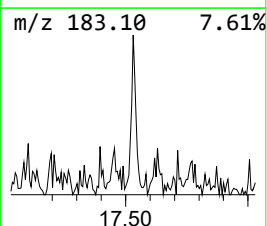
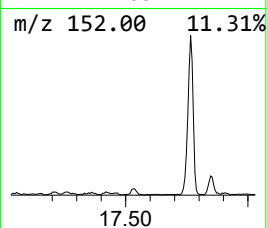
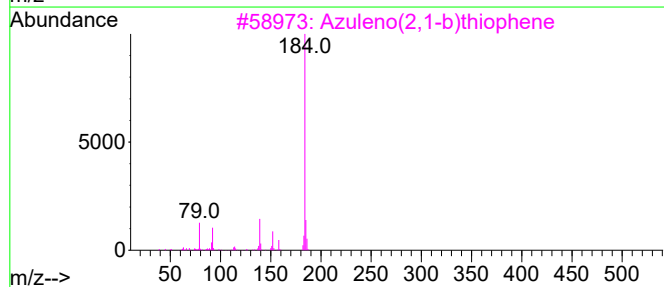
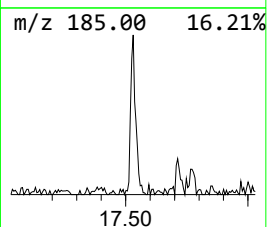
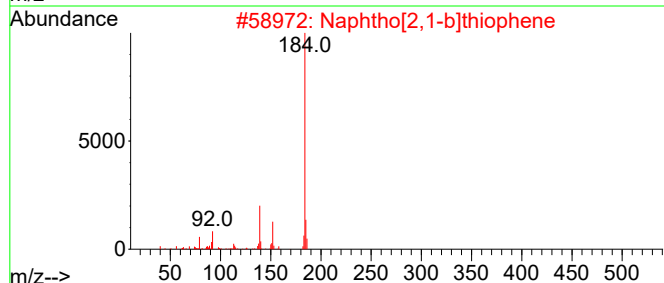
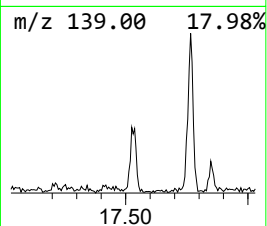
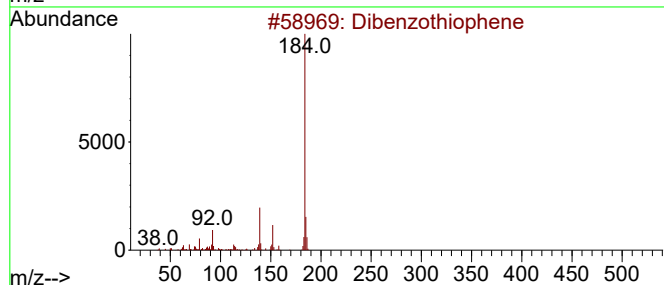
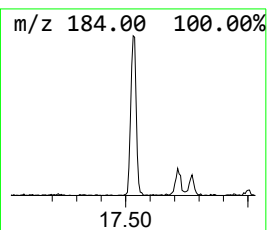
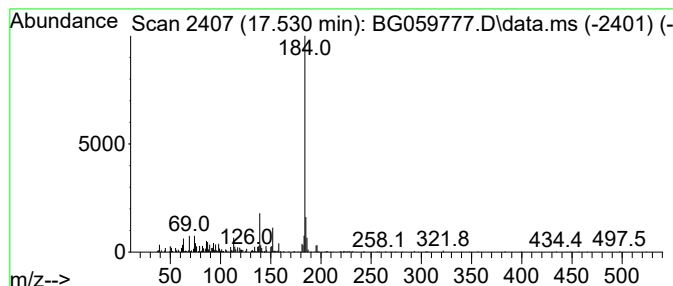
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.531	20.11 ng	592547	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	95
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
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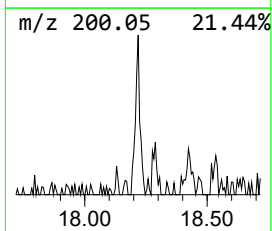
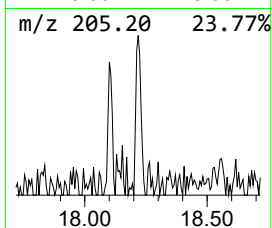
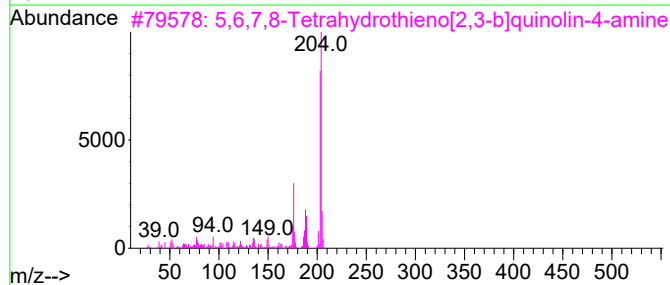
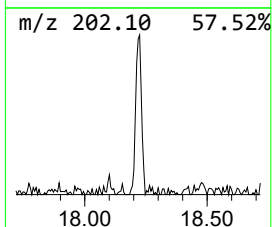
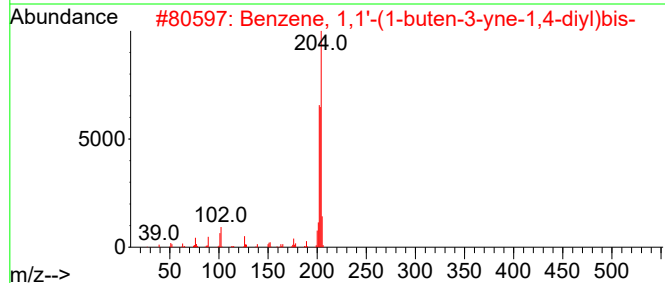
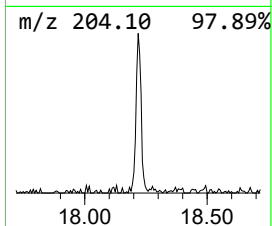
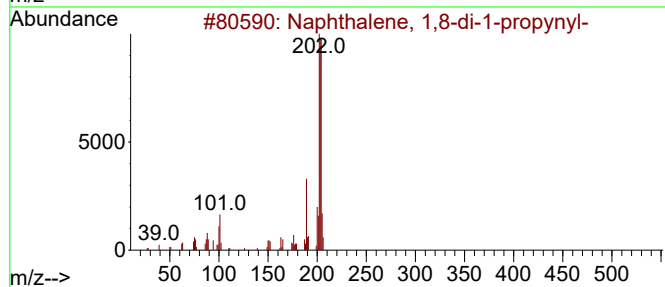
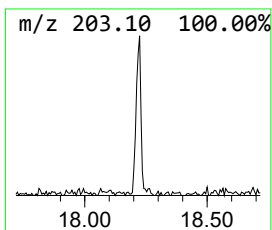
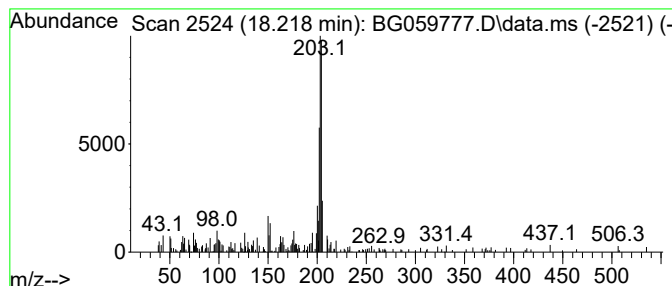
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,8-di-1-propy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	5.16 ng	151895	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-di-1-propynyl-	204	C16H12	022360-77-6	58
2			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
3			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	52
4			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	52
5			Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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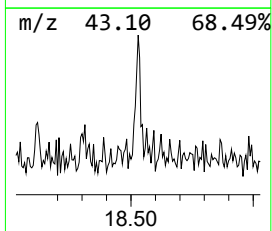
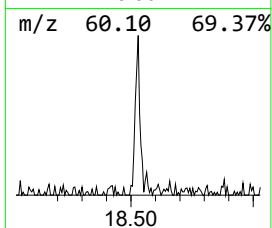
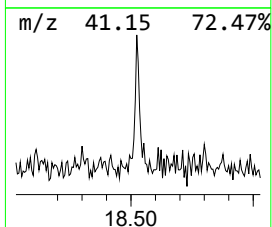
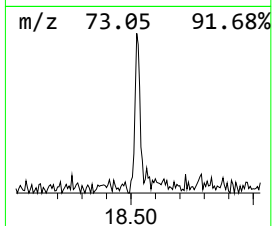
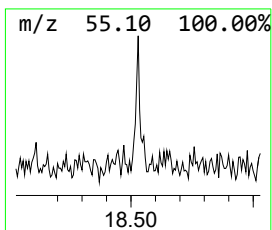
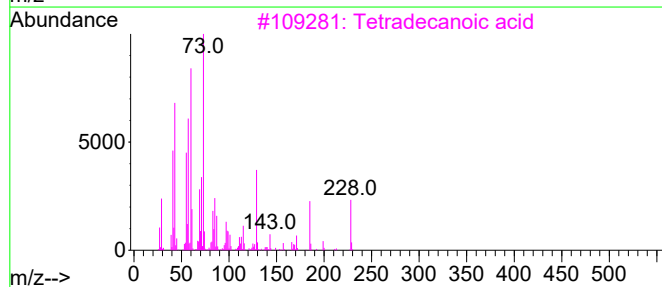
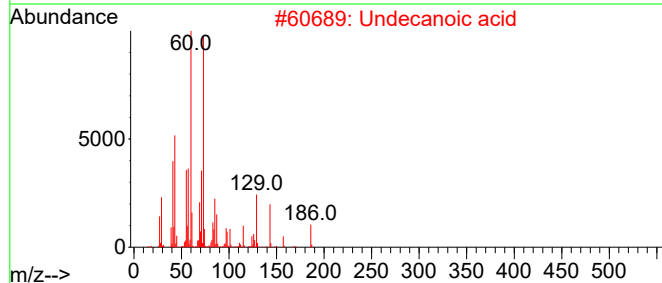
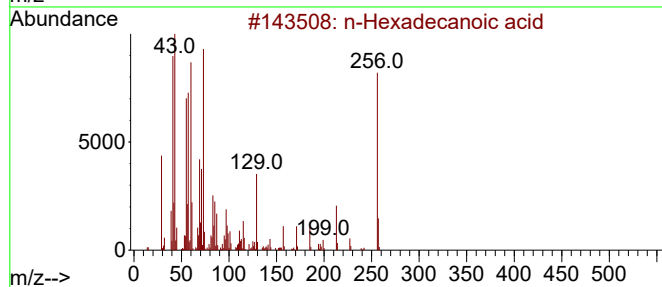
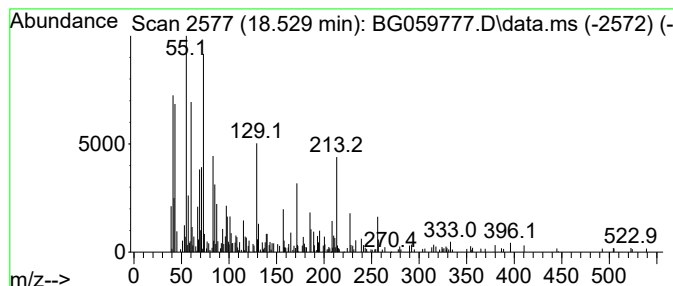
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.529	8.09 ng	238353	Phenanthrene-d10	17.713	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Undecanoic acid	186	C11H22O2	000112-37-8	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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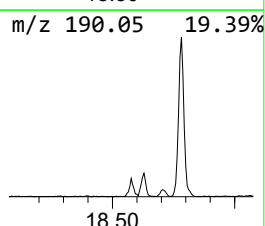
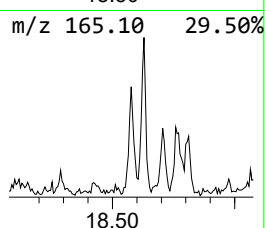
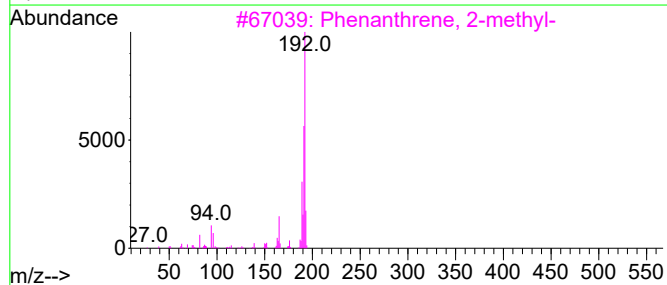
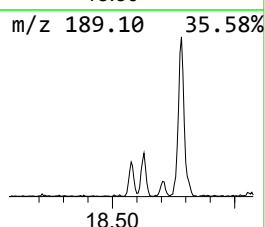
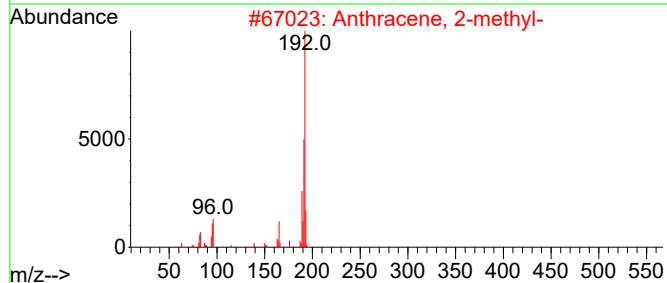
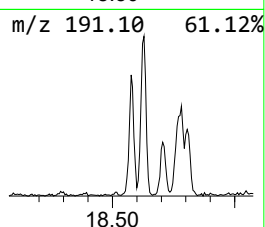
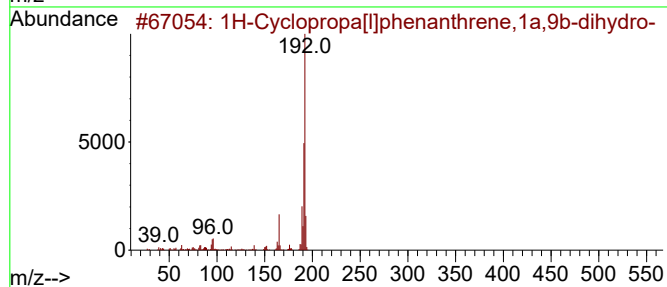
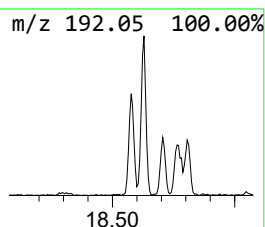
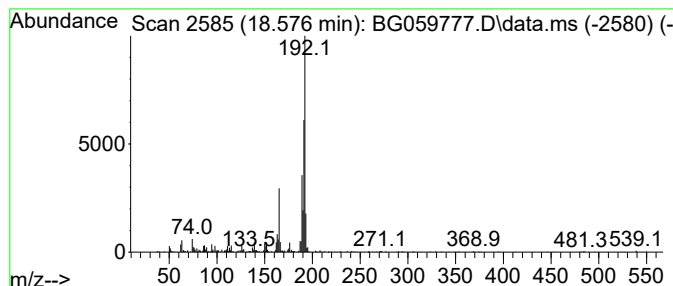
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.576	25.18 ng	742014	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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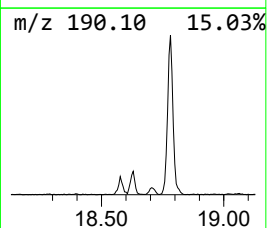
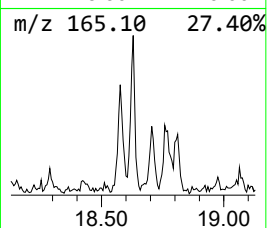
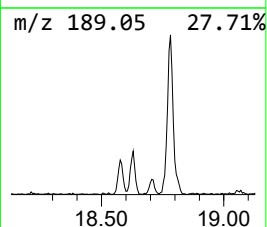
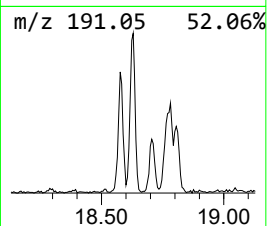
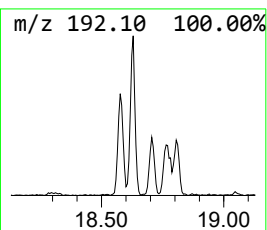
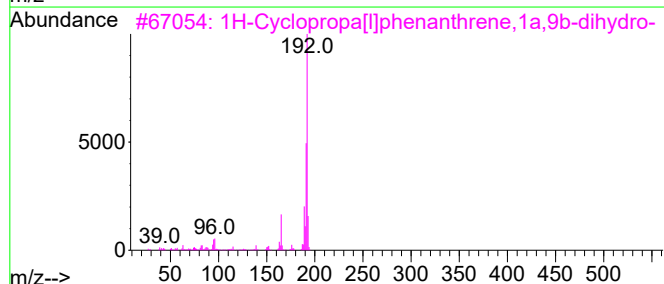
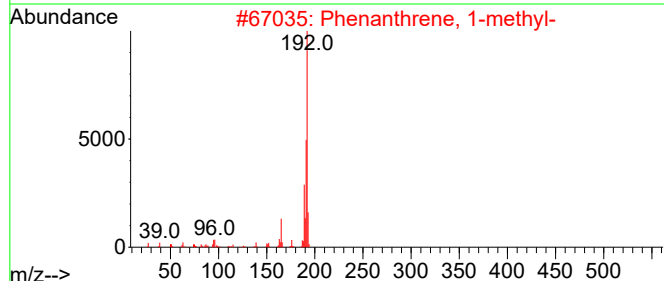
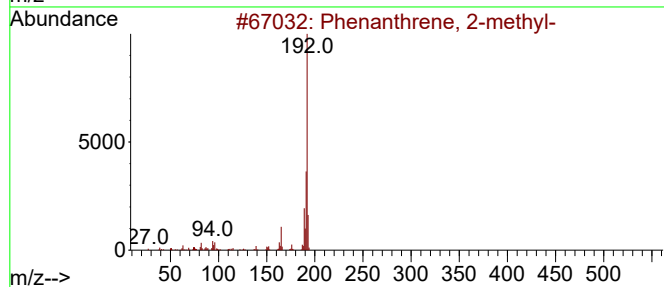
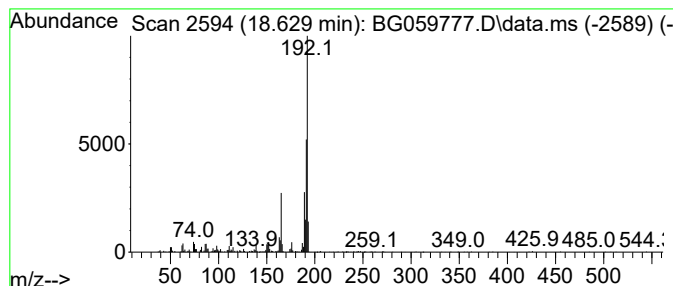
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.629	33.57 ng	989056	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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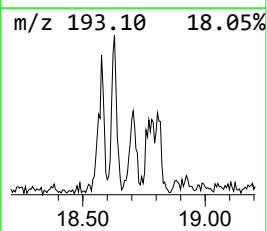
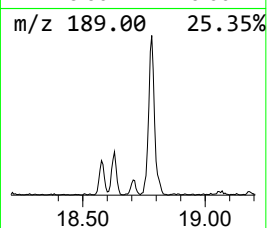
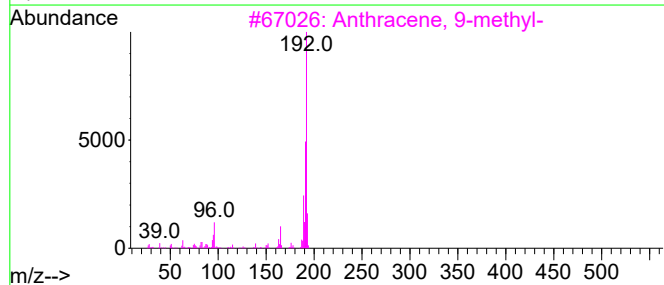
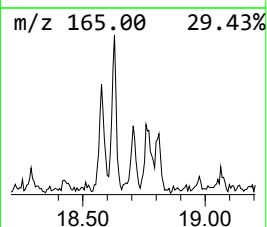
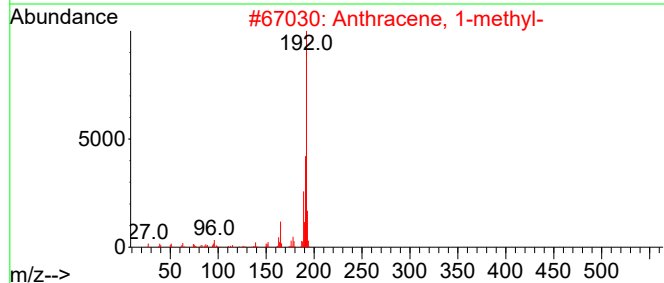
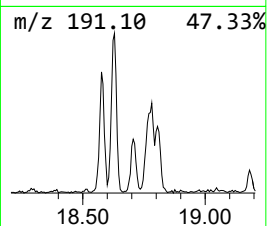
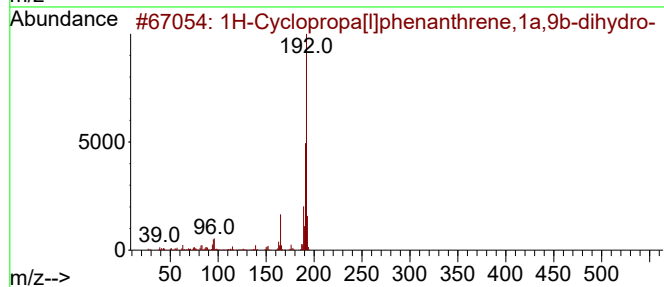
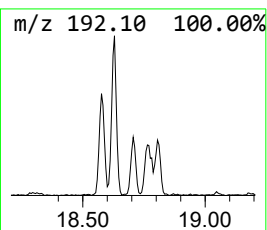
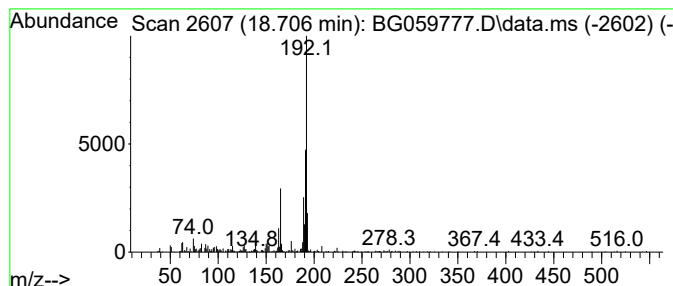
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.706	13.81 ng	406988	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
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Misc :
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ClientSampleId :
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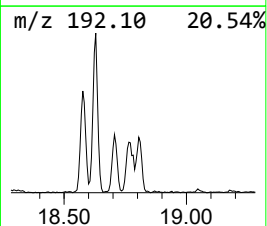
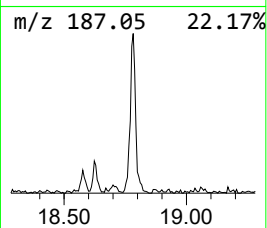
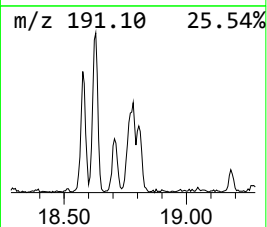
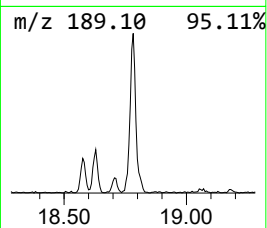
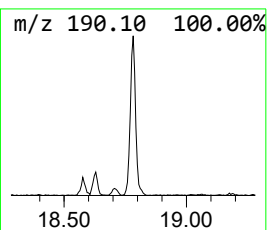
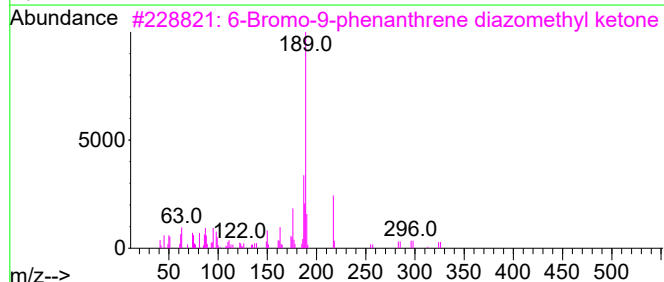
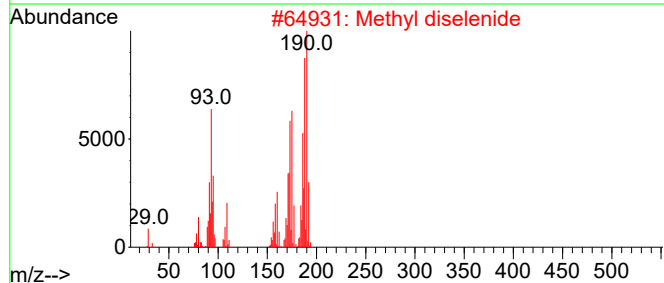
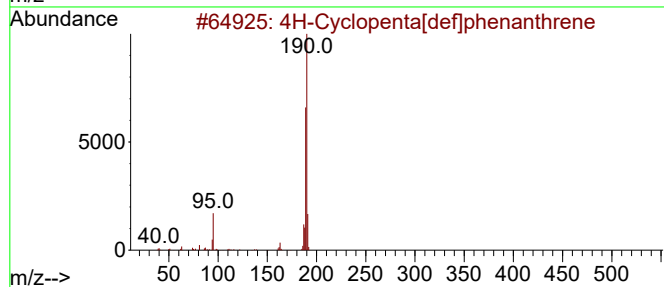
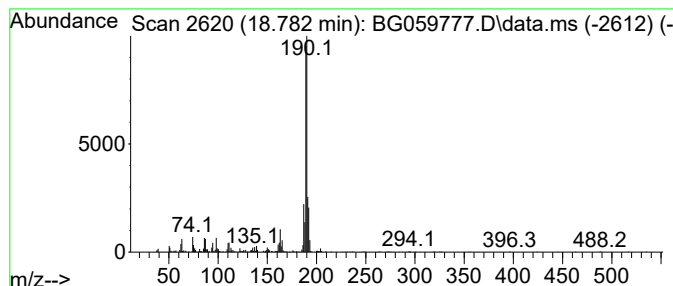
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.782	68.21 ng	2009540	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2			Methyl diselenide	190	C2H6Se2	007101-31-7	45
3			6-Bromo-9-phenanthrene diazometh...	324	C16H9BrN2O	1000254-49-2	32
4			Ethyl 2-hydroxy-6-pentyl-4-[(1-p...	396	C21H24N4O4	086791-42-6	27
5			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
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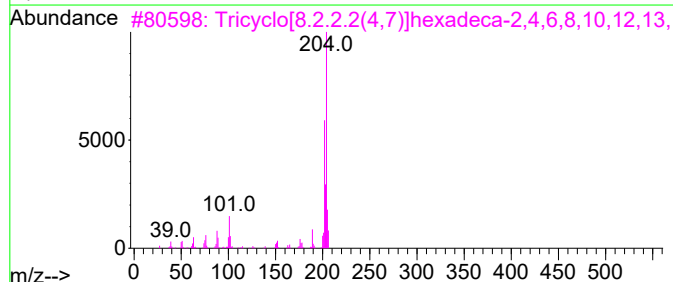
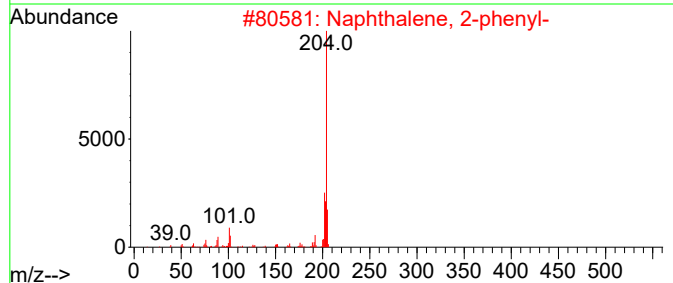
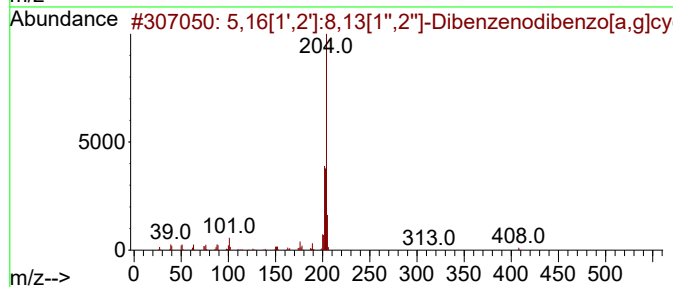
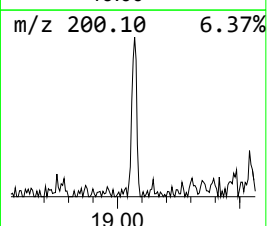
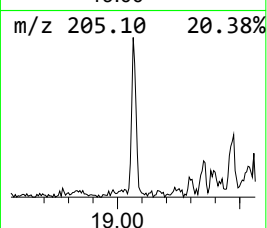
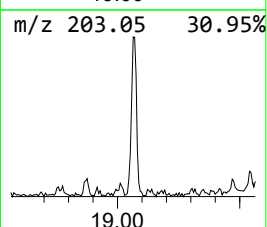
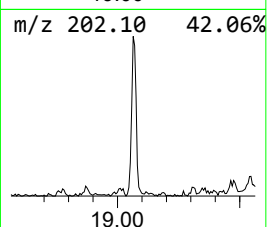
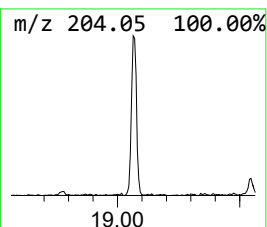
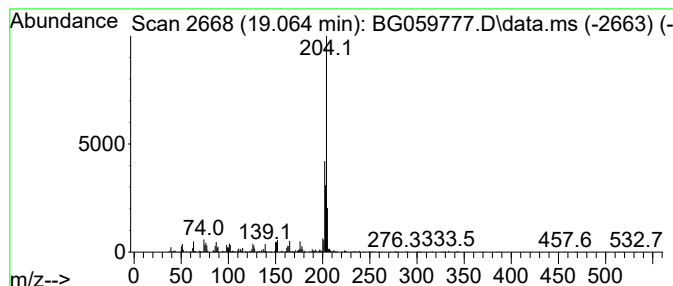
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.064	24.98 ng	735884	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58		
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55		
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
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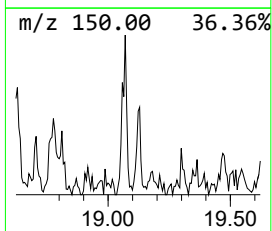
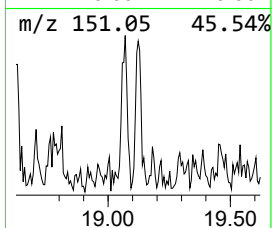
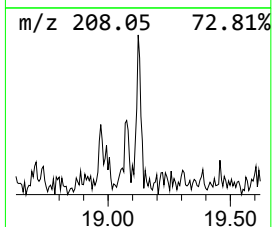
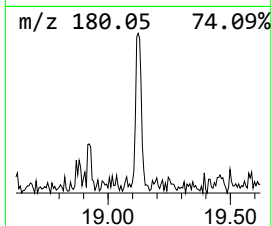
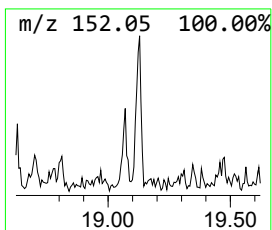
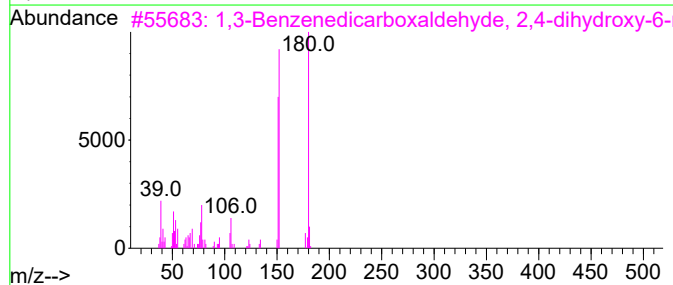
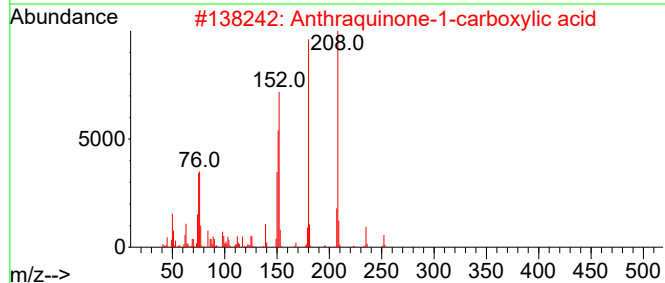
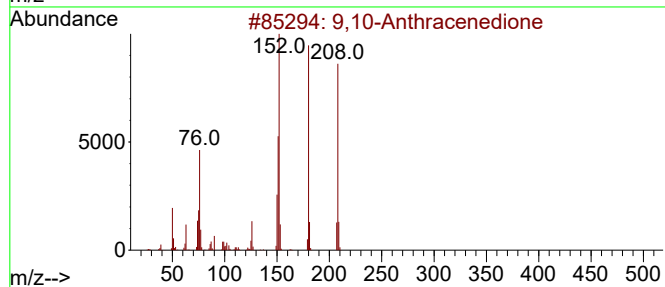
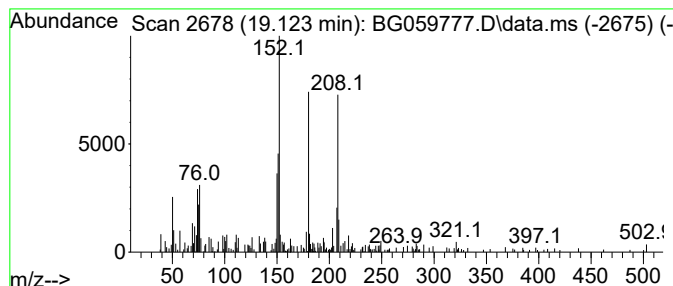
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.123	6.15 ng	181339	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	64
2			Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	59
3			1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	43
4			Pteridine, 4,6,7-trihydroxy-	180	C6H4N4O3	058947-88-9	38
5			1-Phenylbicyclo(3.2.2)nona-3,6,8...	208	C15H12O	1010427-19-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
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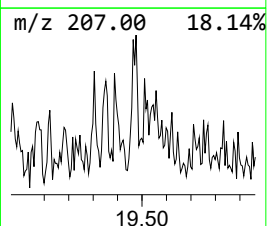
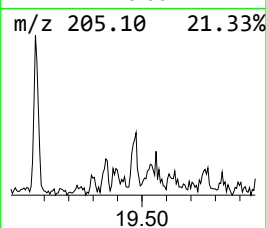
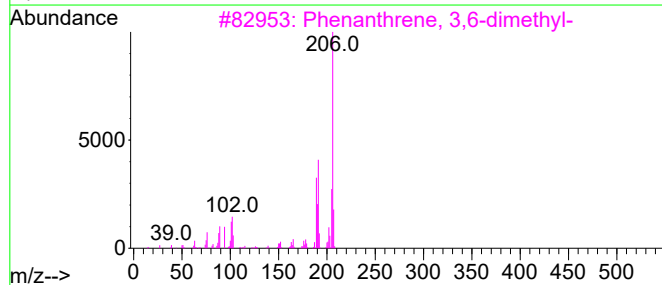
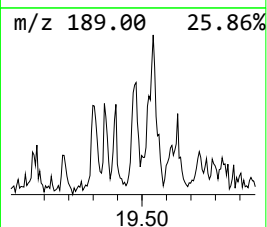
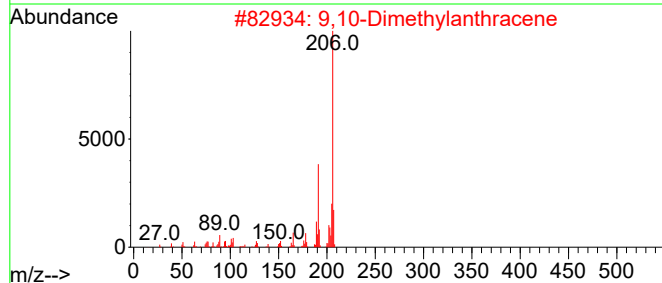
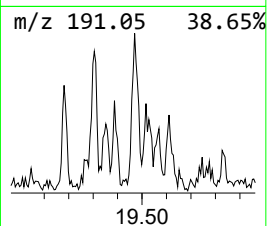
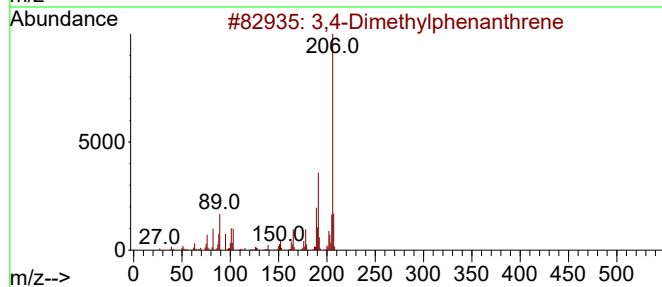
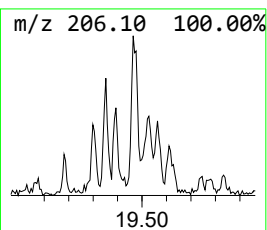
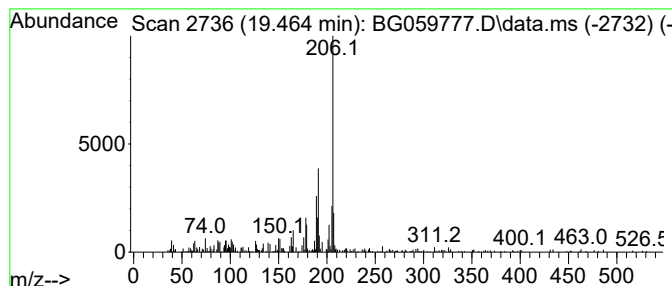
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3,4-Dimethylphenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.464	10.78 ng	317674	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
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Misc :
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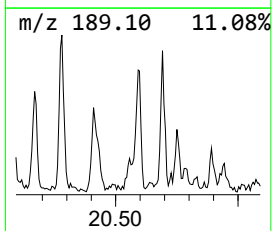
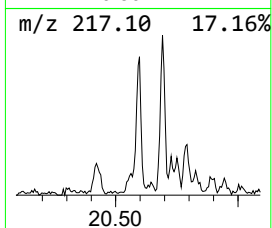
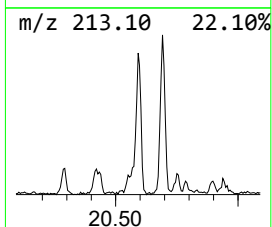
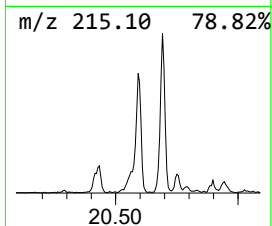
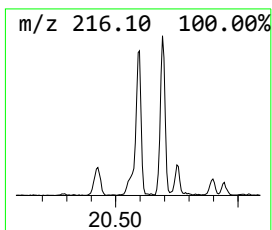
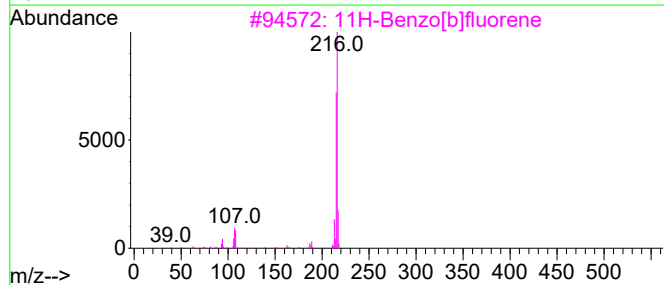
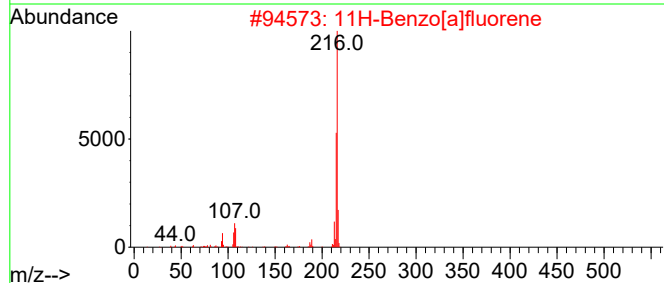
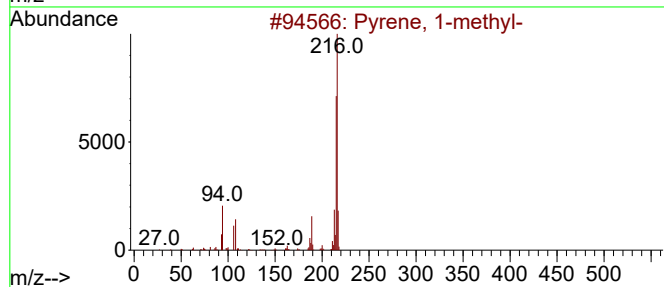
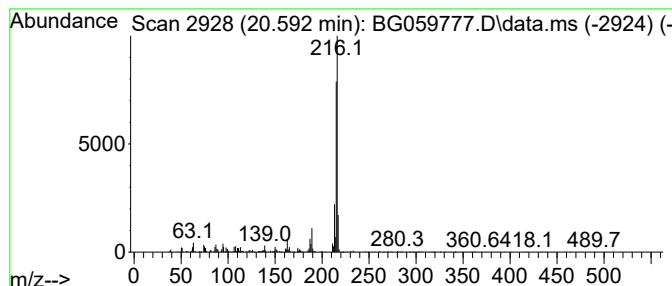
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.592	8.84 ng	1519470	Chrysene-d12	22.043

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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Operator : MA/JU
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Misc :
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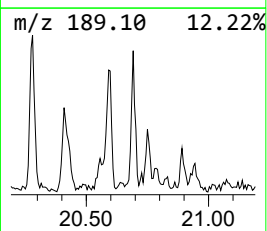
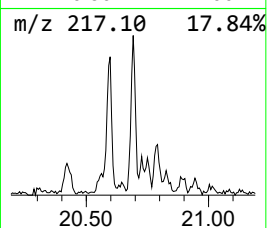
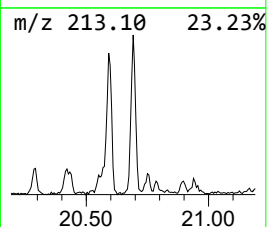
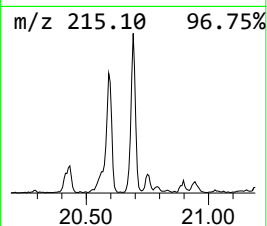
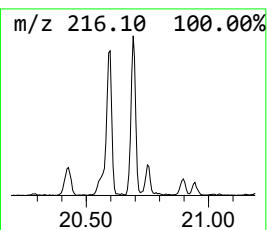
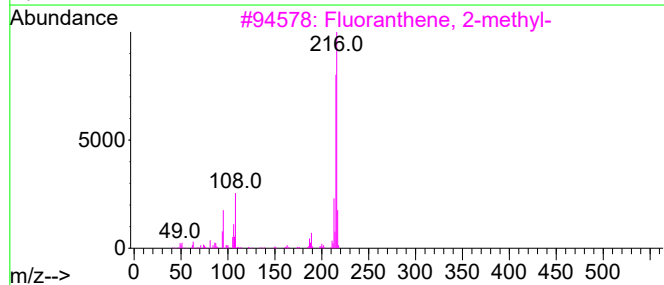
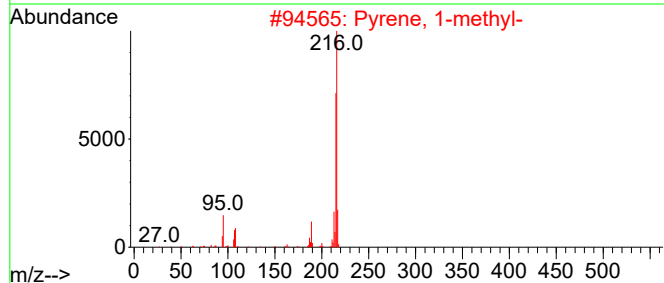
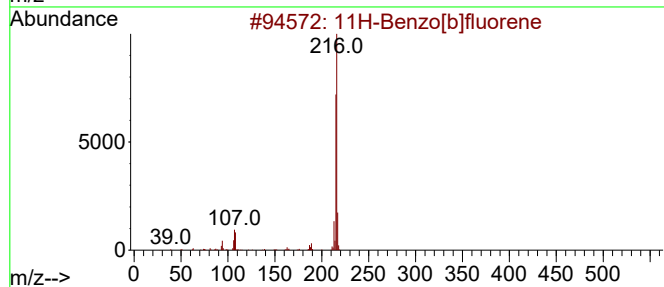
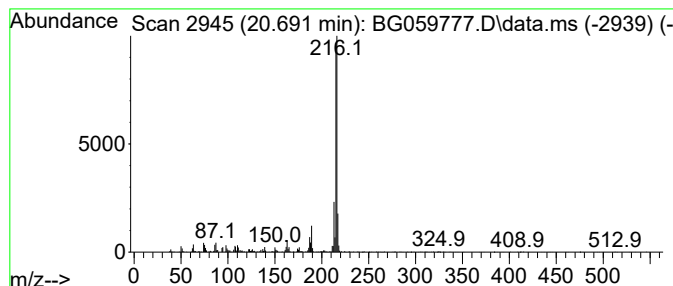
Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.692	10.31 ng	1771560	Chrysene-d12	22.043	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	4-O-Methylphenylhydrazono-3-meth...	216	C11H12N4O	065078-60-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

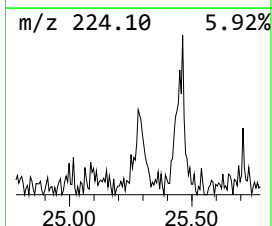
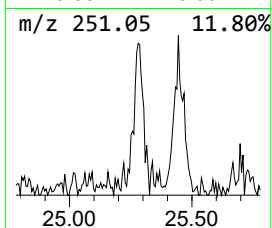
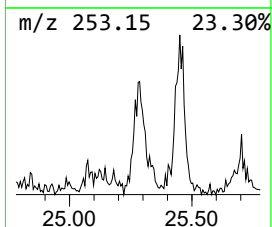
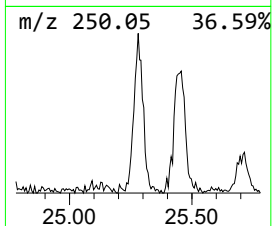
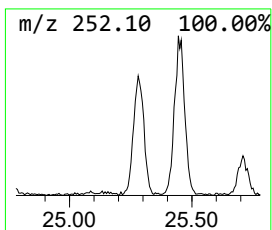
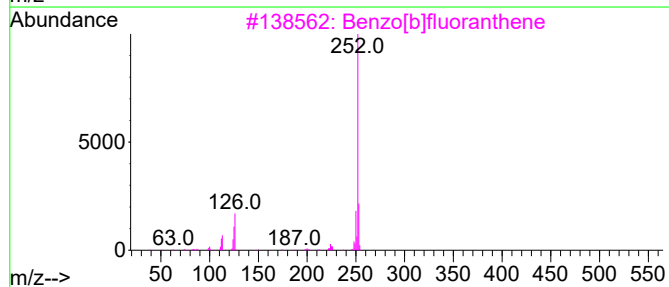
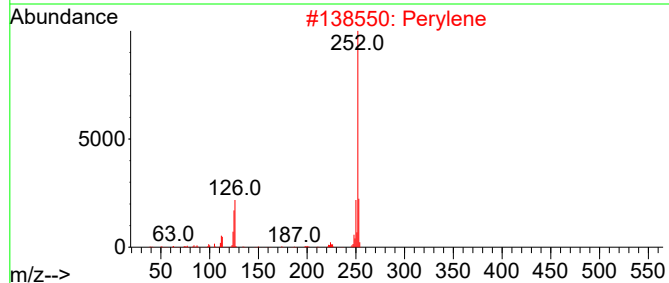
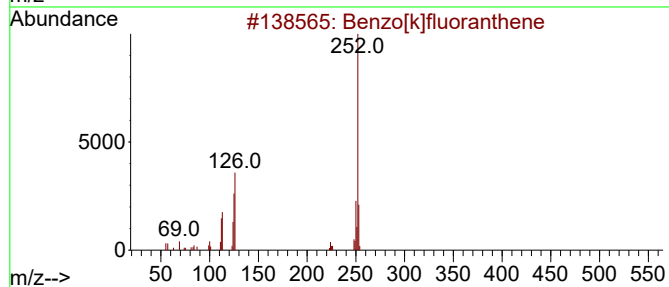
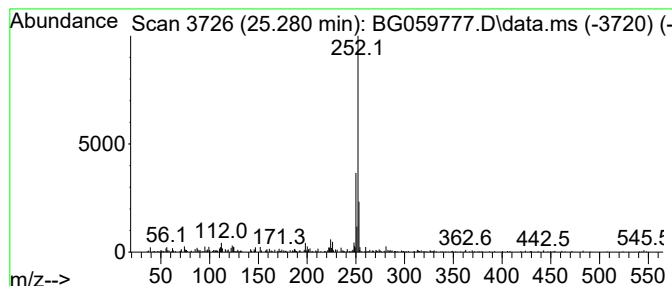
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.280	15.74 ng	556598	Perylene-d12	25.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2			Perylene	252	C20H12	000198-55-0	76
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
4			Benzo[a]pyrene	252	C20H12	000050-32-8	76
5			Benzo[e]pyrene	252	C20H12	000192-97-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

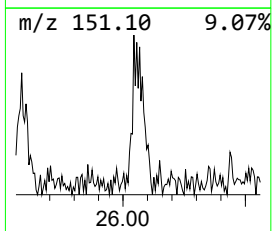
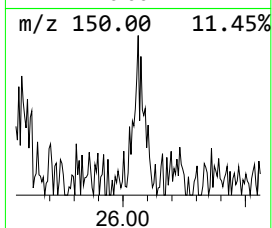
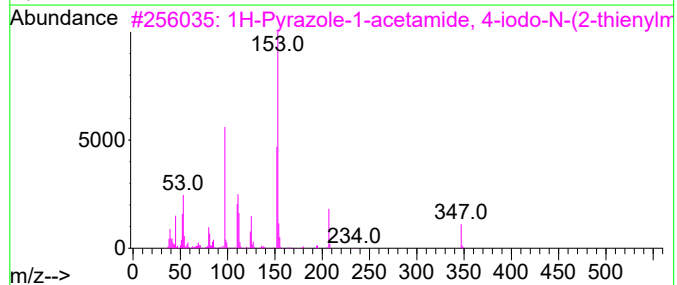
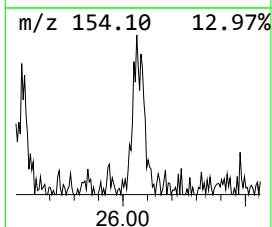
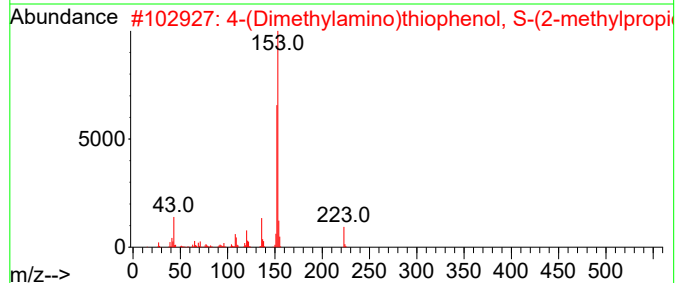
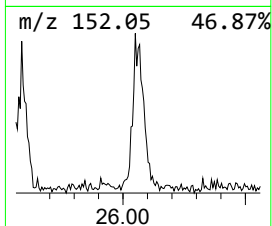
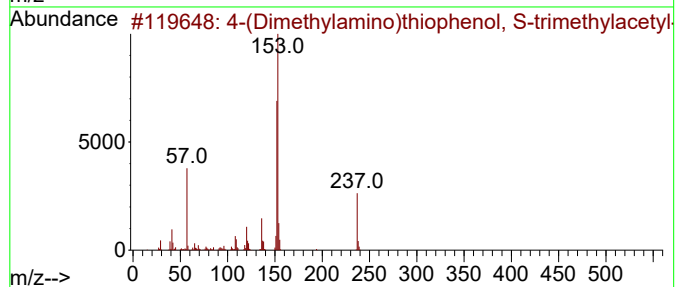
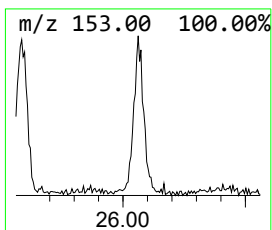
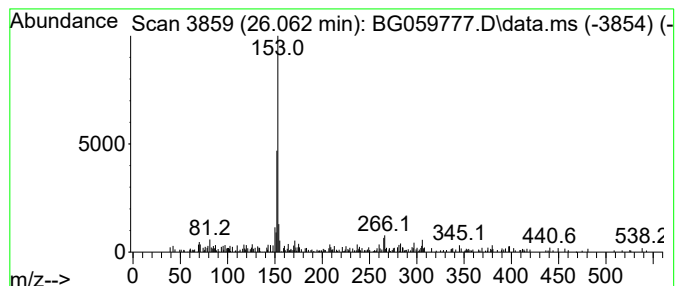
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4-(Dimethylamino)thiophenol... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.062	5.37 ng	189737	Perylene-d12	25.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(Dimethylamino)thiophenol, S-t...	237	C13H19NOS	1000463-32-1	72
2			4-(Dimethylamino)thiophenol, S-(...	223	C12H17NOS	014297-67-7	56
3			1H-Pyrazole-1-acetamide, 4-iodo-...	347	C10H10IN3OS	1000350-04-4	56
4			2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	47
5			Benzene, 1-fluoro-4-isothiocyanato-	153	C7H4FNS	001544-68-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059777.D
Acq On : 20 Nov 2023 20:29
Operator : MA/JU
Sample : 05351-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown16.156	16.156	6.6	ng	167828	3	14.963	507510	20.0
2,4,6-Cyclohept...	16.285	18.0	ng	456513	3	14.963	507510	20.0
Naphthalene, 1,...	16.626	7.8	ng	231085	4	17.713	589253	20.0
9H-Fluorene, 3-...	16.996	17.5	ng	514482	4	17.713	589253	20.0
Naphtho[2,1-b]f...	17.213	8.0	ng	235803	4	17.713	589253	20.0
4-(4-Methylphen...	17.419	6.4	ng	189132	4	17.713	589253	20.0
Dibenzothiophene	17.531	20.1	ng	592547	4	17.713	589253	20.0
Naphthalene, 1,...	18.218	5.2	ng	151895	4	17.713	589253	20.0
n-Hexadecanoic ...	18.529	8.1	ng	238353	4	17.713	589253	20.0
1H-Cyclopropa[1...	18.576	25.2	ng	742014	4	17.713	589253	20.0
Phenanthrene, 2...	18.629	33.6	ng	989056	4	17.713	589253	20.0
Anthracene, 1-m...	18.706	13.8	ng	406988	4	17.713	589253	20.0
4H-Cyclopenta[d...	18.782	68.2	ng	2009540	4	17.713	589253	20.0
5,16[1',2']:8,1...	19.064	25.0	ng	735884	4	17.713	589253	20.0
9,10-Anthracene...	19.123	6.2	ng	181339	4	17.713	589253	20.0
3,4-Dimethylphe...	19.464	10.8	ng	317674	4	17.713	589253	20.0
Pyrene, 1-methyl-	20.592	8.8	ng	1519470	5	22.043	3436890	20.0
11H-Benzo[b]flu...	20.692	10.3	ng	1771560	5	22.043	3436890	20.0
Perylene	25.280	15.7	ng	556598	6	25.627	707105	20.0
4-(Dimethylamin...	26.062	5.4	ng	189737	6	25.627	707105	20.0