

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057772.D
 Acq On : 20 Jun 2023 12:06
 Operator : CG/JU
 Sample : 03289-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

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-BG061923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.032	324	331	338	rVB	112758	170243	10.64%	0.885%
2	5.496	403	410	419	rVB	415421	654340	40.89%	3.403%
3	7.083	672	680	689	rBV	440165	740730	46.29%	3.853%
4	7.923	816	823	829	rBV	113790	191818	11.99%	0.998%
5	9.080	1012	1020	1028	rBV	251277	446319	27.89%	2.321%
6	10.725	1292	1300	1307	rBV	164039	289593	18.10%	1.506%
7	13.181	1711	1718	1725	rBV	644569	983733	61.48%	5.116%
8	14.556	1945	1952	1959	rBV	263811	409983	25.62%	2.132%
9	14.621	1959	1963	1971	rVB3	18386	28579	1.79%	0.149%
10	14.962	2015	2021	2025	rVB2	12448	20337	1.27%	0.106%
11	15.602	2123	2130	2136	rBV2	20087	32589	2.04%	0.169%
12	15.913	2177	2183	2189	rVB	110193	161524	10.09%	0.840%
13	16.043	2198	2205	2213	rBV	548672	824888	51.55%	4.290%
14	16.272	2235	2244	2246	rBV5	13248	23588	1.47%	0.123%
15	16.953	2355	2360	2367	rVB	19506	31794	1.99%	0.165%
16	17.118	2384	2388	2395	rVB2	22780	33341	2.08%	0.173%
17	17.300	2413	2419	2423	rBV	371305	560226	35.01%	2.914%
18	17.341	2423	2426	2433	rVV	370712	528078	33.00%	2.747%
19	17.435	2437	2442	2447	rVV	70656	110170	6.88%	0.573%
20	17.488	2447	2451	2456	rVB2	13065	21869	1.37%	0.114%
21	17.699	2476	2487	2491	rBV2	37676	76242	4.76%	0.397%
22	17.882	2514	2518	2522	rVB3	13767	19402	1.21%	0.101%
23	18.187	2558	2570	2573	rBV2	147882	271299	16.95%	1.411%
24	18.222	2573	2576	2581	rVV	87995	138206	8.64%	0.719%
25	18.305	2585	2590	2595	rVB2	32501	50528	3.16%	0.263%
26	18.369	2595	2601	2605	rBV4	95652	188009	11.75%	0.978%
27	18.405	2605	2607	2612	rVB	44607	59980	3.75%	0.312%
28	18.675	2648	2653	2656	rBV	49891	71316	4.46%	0.371%
29	18.710	2656	2659	2666	rVB2	45566	67023	4.19%	0.349%
30	18.922	2691	2695	2699	rBV3	18944	25553	1.60%	0.133%
31	18.969	2700	2703	2706	rVV	19356	25753	1.61%	0.134%
32	19.010	2707	2710	2714	rVB3	20736	29535	1.85%	0.154%
33	19.092	2719	2724	2728	rBV2	59646	100240	6.26%	0.521%
34	19.151	2731	2734	2737	rVB3	15849	22648	1.42%	0.118%
35	19.227	2743	2747	2756	rBV	49325	91738	5.73%	0.477%
36	19.356	2763	2769	2775	rVB	816441	1156419	72.27%	6.015%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057772.D
 Acq On : 20 Jun 2023 12:06
 Operator : CG/JU
 Sample : 03289-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

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-BG061923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.462	2782	2787	2791	rBV3	42485	61283	3.83%	0.319%
38	19.544	2797	2801	2804	rBV5	17101	22629	1.41%	0.118%
39	19.597	2806	2810	2814	rVV	24426	33884	2.12%	0.176%
40	19.715	2820	2830	2838	rBV	745447	1319010	82.43%	6.860%
41	19.785	2838	2842	2849	rVB3	41400	73897	4.62%	0.384%
42	19.920	2856	2865	2869	rBV	1152875	1600201	100.00%	8.323%
43	20.044	2879	2886	2892	rBV3	63735	171549	10.72%	0.892%
44	20.173	2904	2908	2909	rBV4	36807	47265	2.95%	0.246%
45	20.208	2910	2914	2920	rVB	93088	138853	8.68%	0.722%
46	20.308	2927	2931	2934	rBV2	48482	63779	3.99%	0.332%
47	20.367	2935	2941	2944	rVV2	75593	129087	8.07%	0.671%
48	20.402	2944	2947	2951	rVB	22329	28854	1.80%	0.150%
49	20.508	2960	2965	2968	rBV	54873	81337	5.08%	0.423%
50	20.555	2968	2973	2976	rVB2	52813	76702	4.79%	0.399%
51	20.960	3038	3042	3048	rVB	90848	137176	8.57%	0.713%
52	21.143	3065	3073	3076	rBV2	76918	174890	10.93%	0.910%
53	21.184	3076	3080	3082	rVV2	79158	125778	7.86%	0.654%
54	21.213	3082	3085	3093	rVV3	134607	316146	19.76%	1.644%
55	21.289	3093	3098	3105	rVB3	95196	172503	10.78%	0.897%
56	21.542	3135	3141	3147	rBV3	500937	1272968	79.55%	6.621%
57	21.601	3147	3151	3164	rVB	364922	629112	39.31%	3.272%
58	21.754	3172	3177	3183	rVB2	61189	109117	6.82%	0.568%
59	21.947	3206	3210	3218	rBV2	45628	92994	5.81%	0.484%
60	22.271	3257	3265	3271	rVB	68437	153029	9.56%	0.796%
61	22.347	3273	3278	3287	rVB5	50652	110369	6.90%	0.574%
62	22.541	3306	3311	3315	rBV3	35782	61423	3.84%	0.319%
63	23.710	3501	3510	3517	rBV	280437	916788	57.29%	4.768%
64	23.957	3546	3552	3560	rVB	55229	122658	7.67%	0.638%
65	24.409	3623	3629	3642	rVB2	170979	505489	31.59%	2.629%
66	24.556	3645	3654	3668	rVB	245424	652323	40.77%	3.393%
67	24.709	3671	3680	3686	rBV	214584	590967	36.93%	3.074%
68	28.293	4279	4290	4313	rVB3	112469	577383	36.08%	3.003%

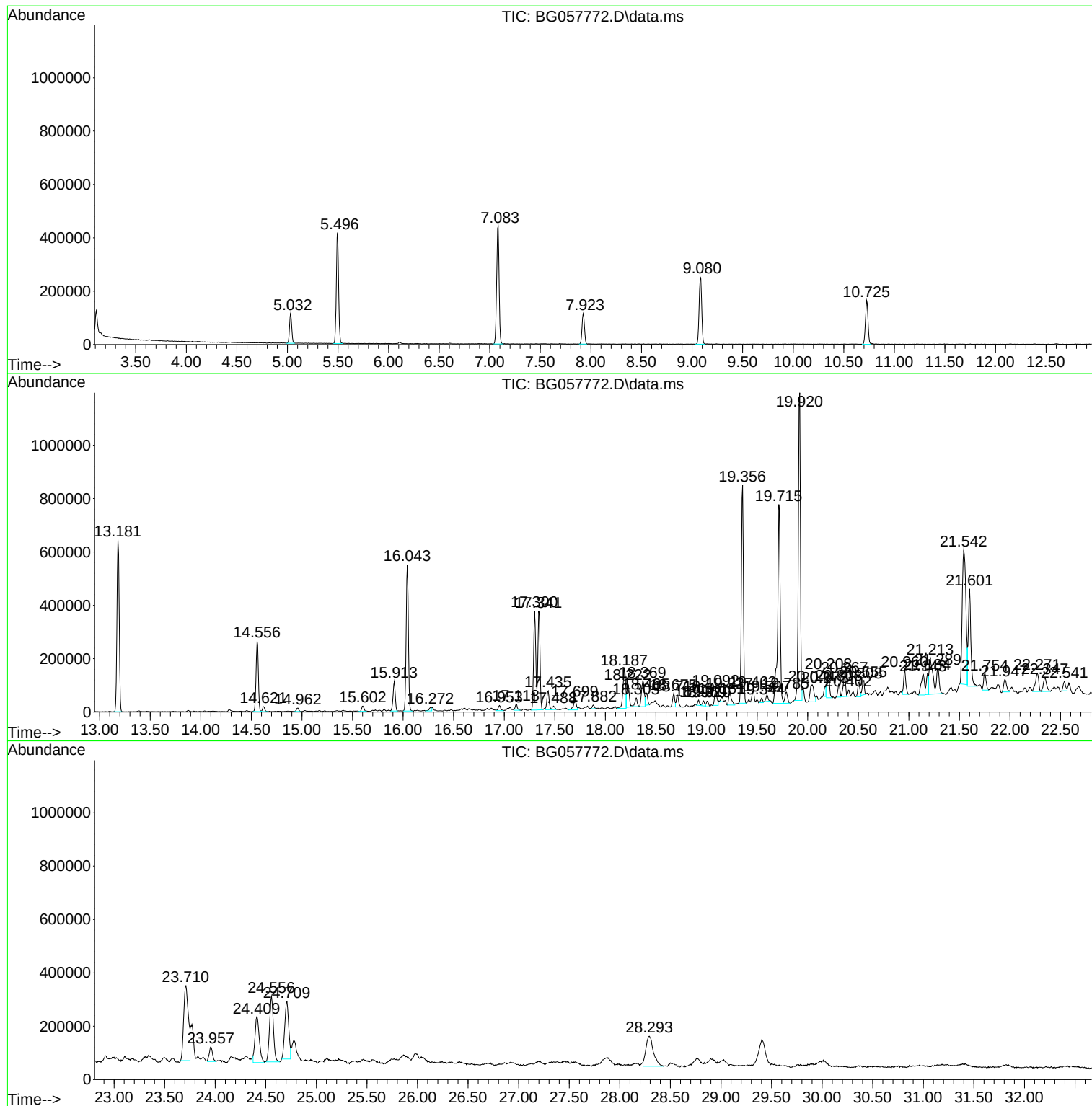
Sum of corrected areas: 19227076

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

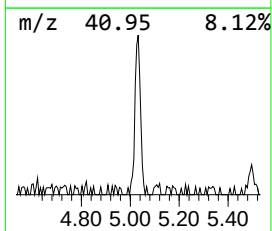
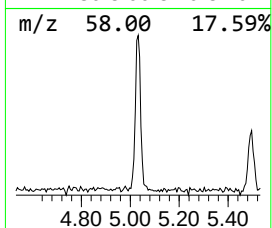
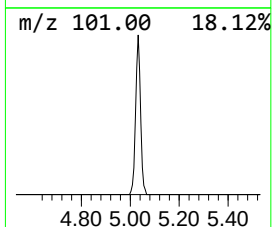
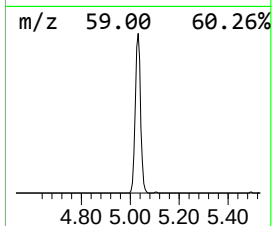
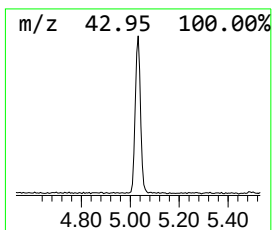
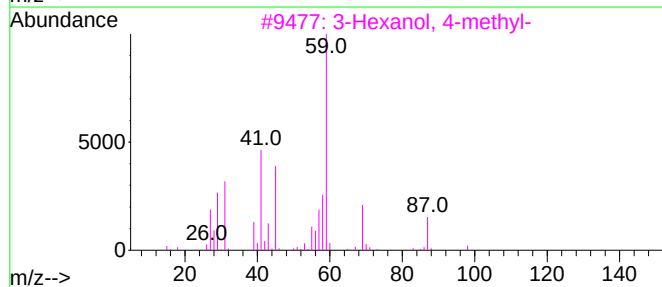
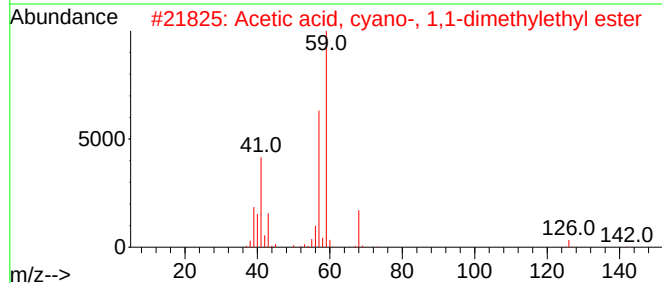
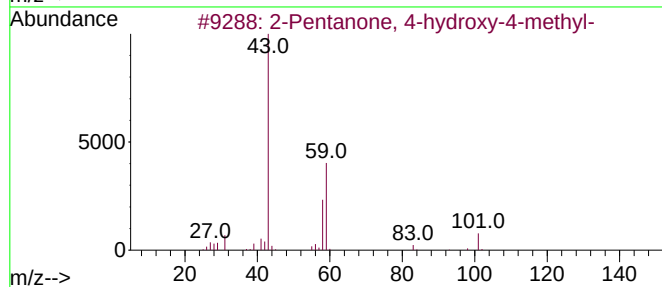
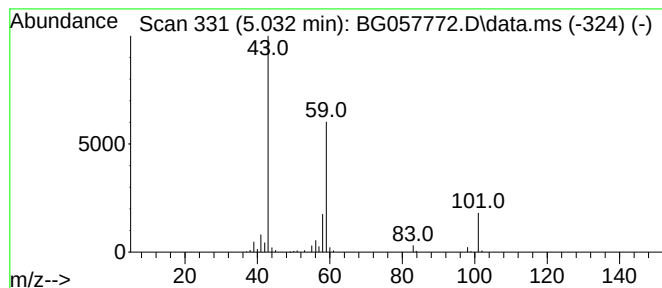
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.032	17.75 ng	170243	1,4-Dichlorobenzene-d4	7.923

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

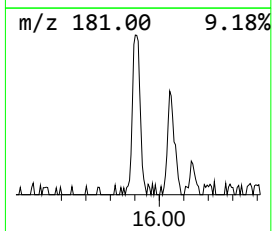
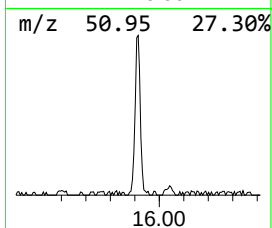
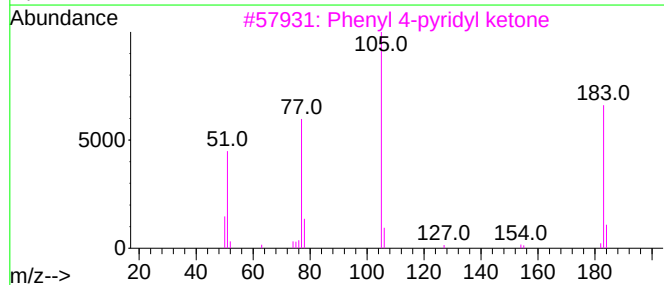
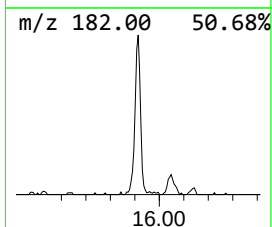
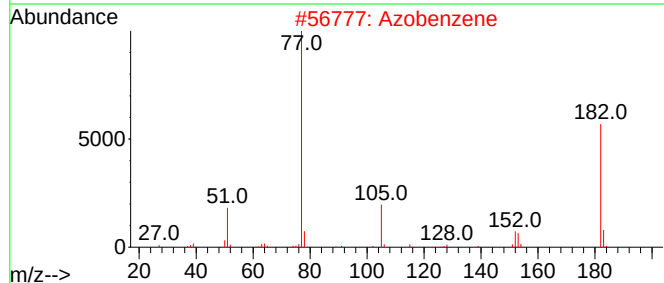
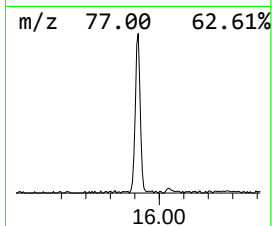
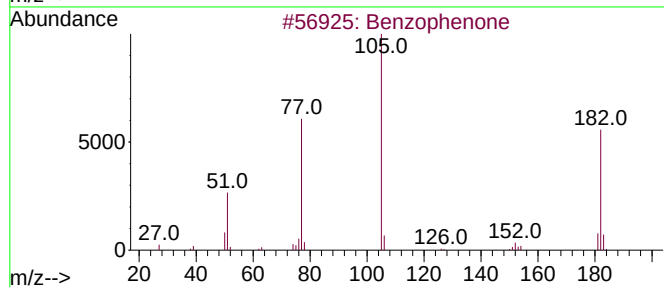
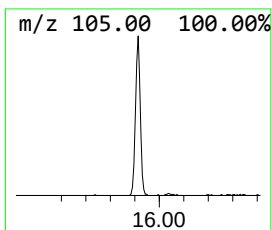
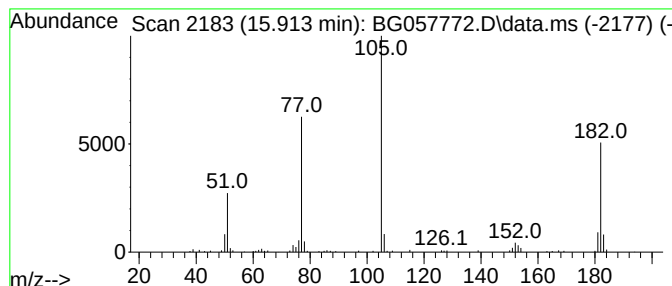
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.913	7.88 ng	161524	Acenaphthene-d10	14.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Azobenzene	182	C12H10N2	000103-33-3	58
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

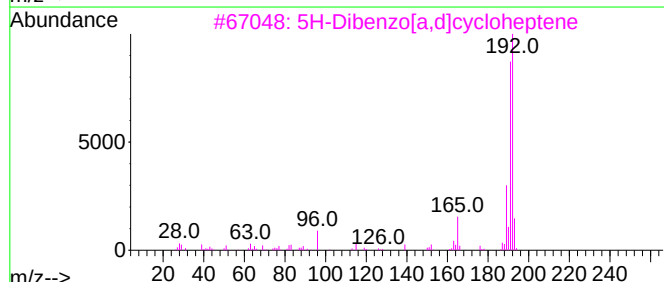
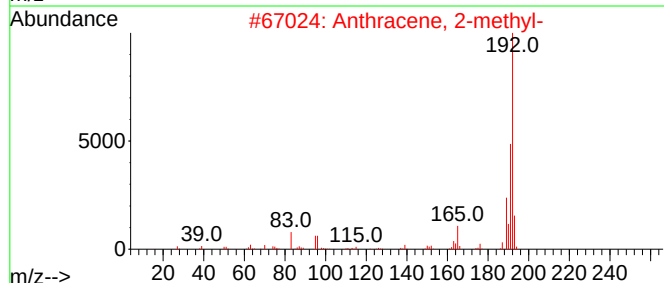
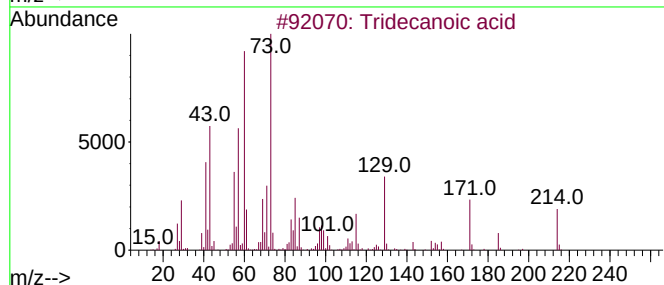
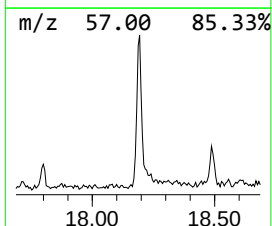
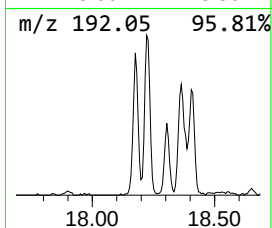
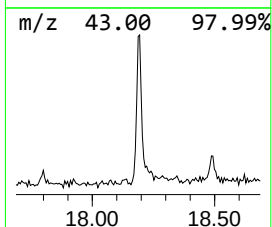
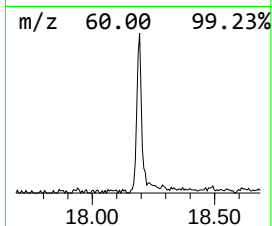
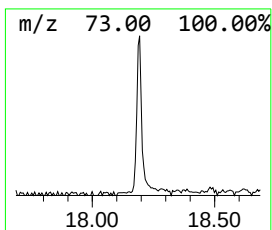
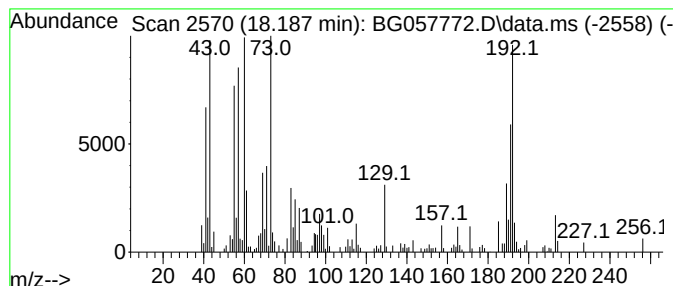
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	9.69 ng	271299	Phenanthrene-d10	17.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	70
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

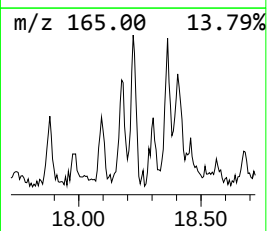
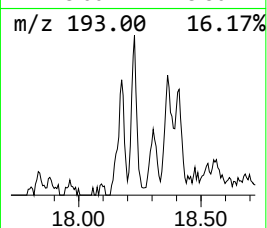
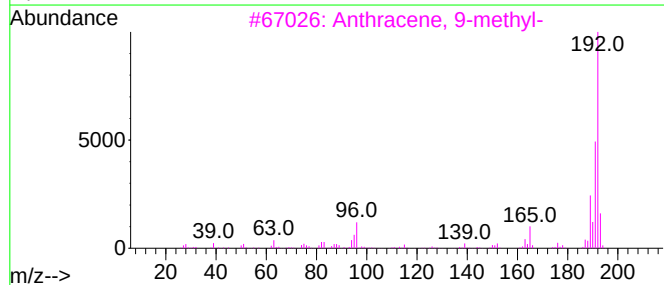
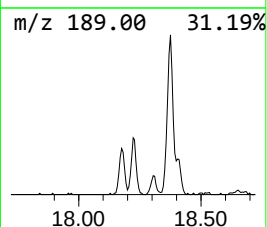
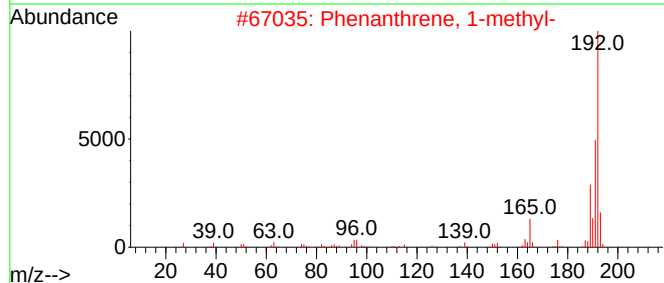
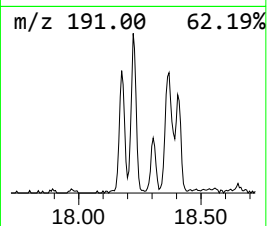
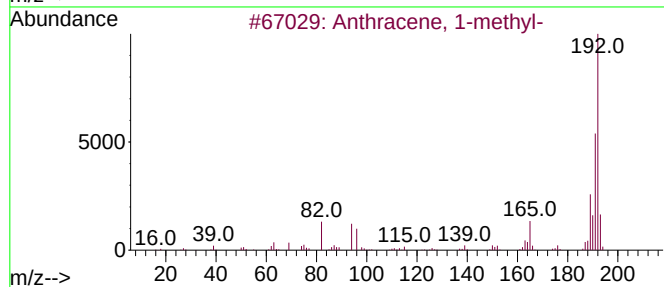
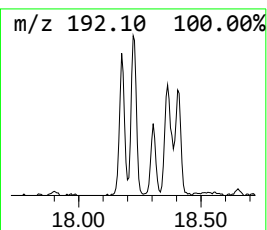
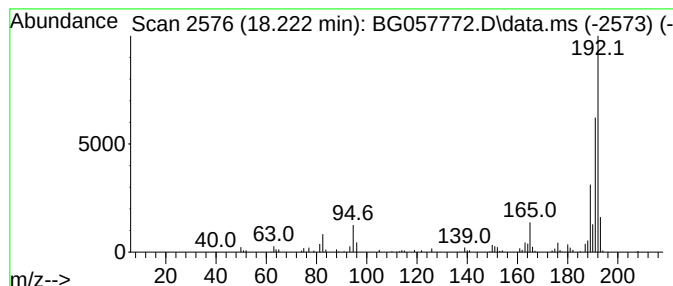
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	4.93 ng	138206	Phenanthrene-d10	17.300

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

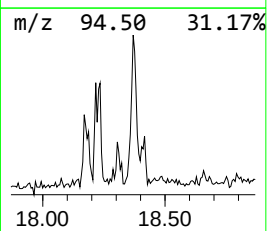
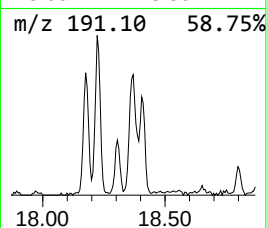
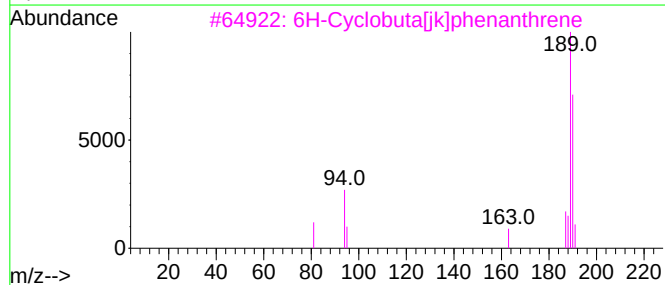
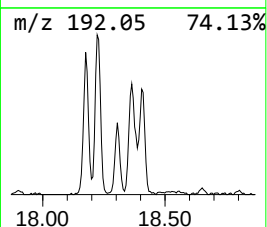
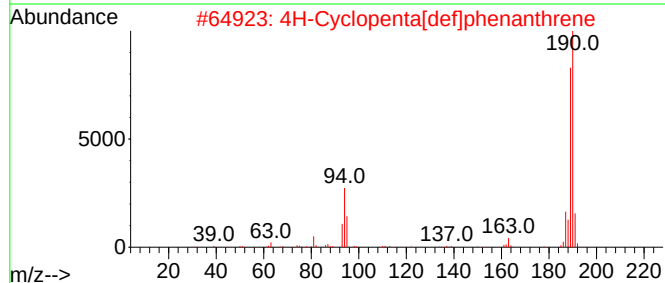
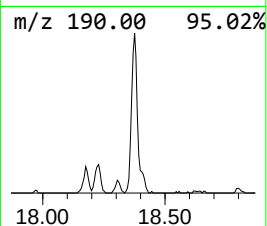
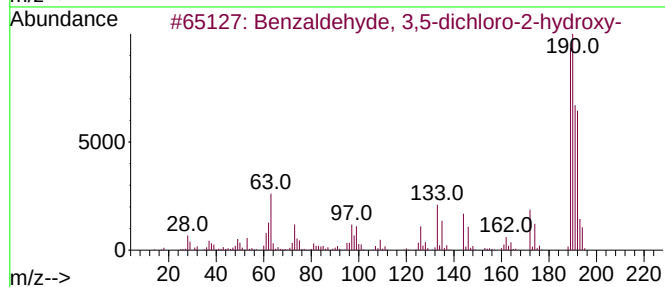
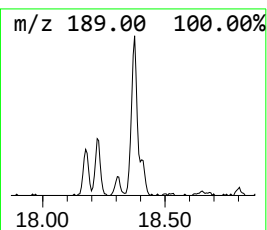
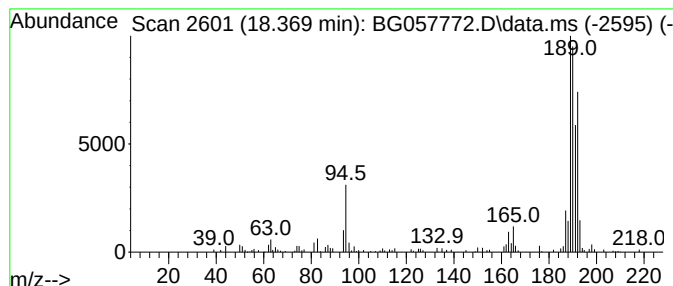
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	6.71 ng	188009	Phenanthrene-d10	17.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

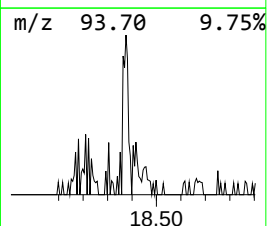
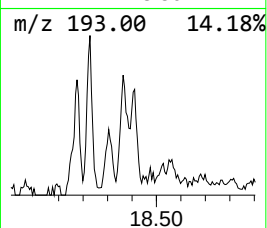
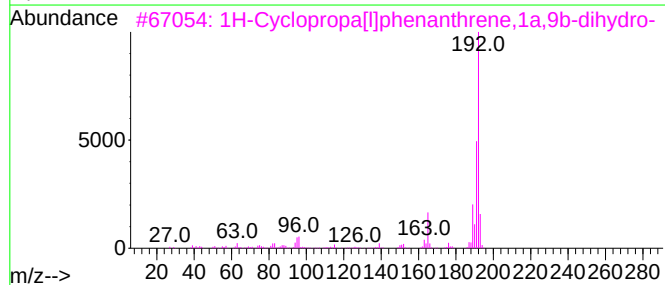
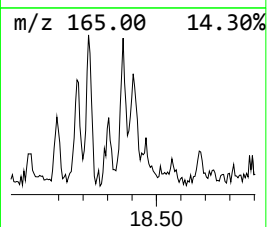
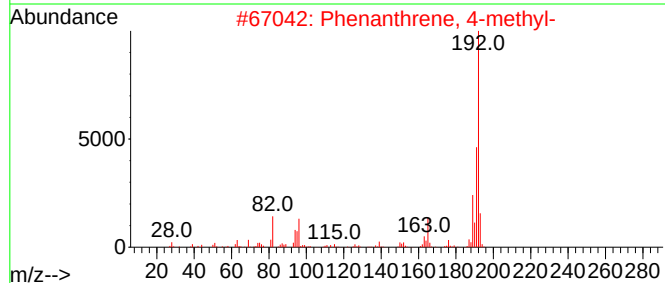
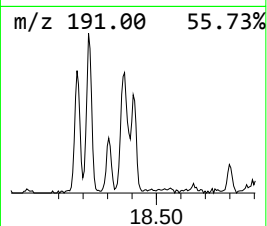
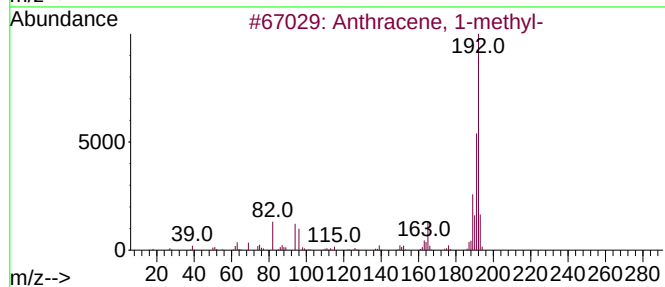
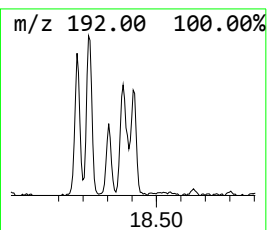
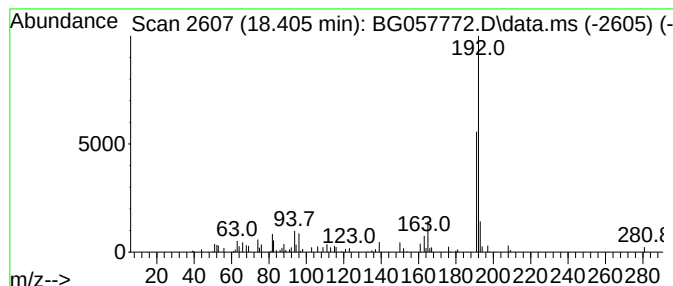
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.405	2.14 ng	59980	Phenanthrene-d10	17.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

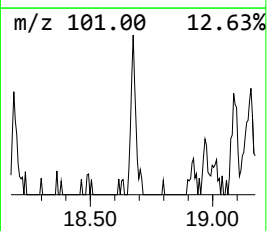
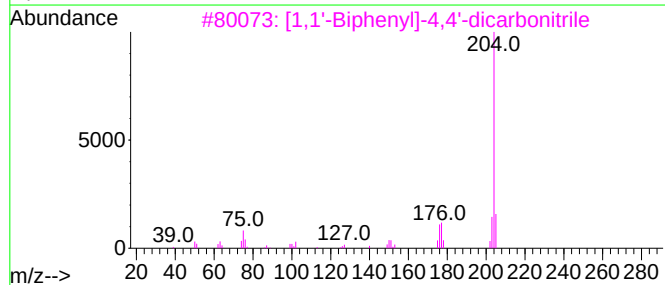
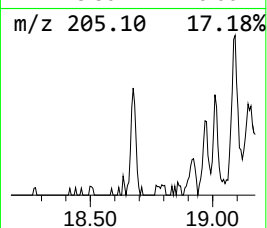
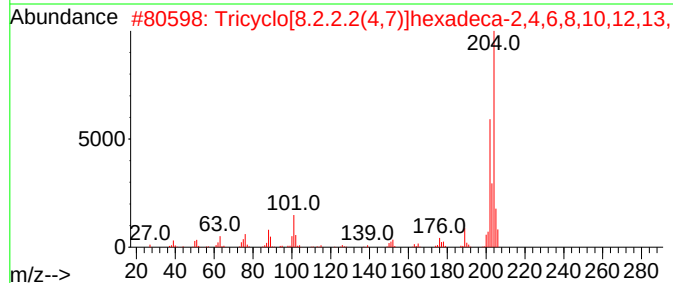
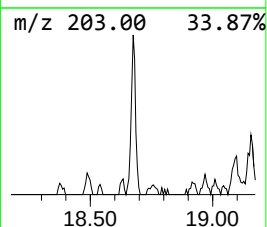
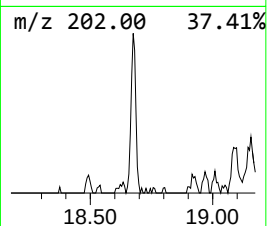
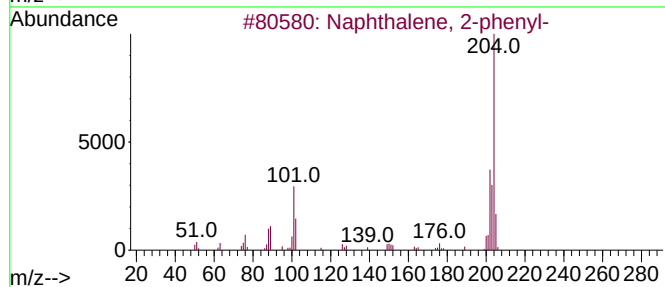
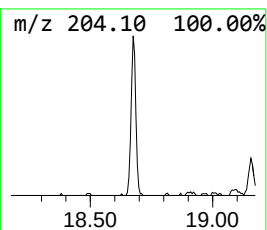
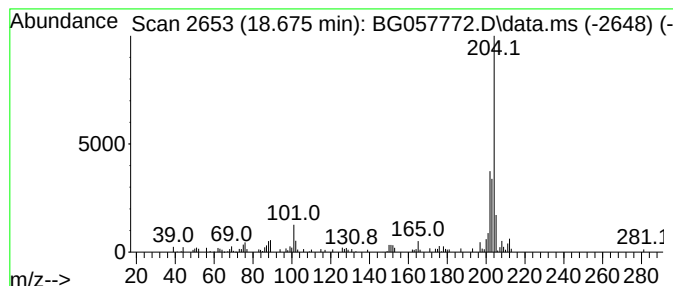
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	2.55 ng	71316	Phenanthrene-d10	17.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

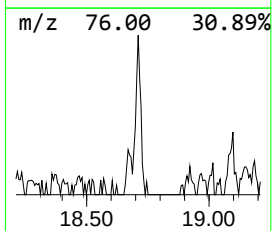
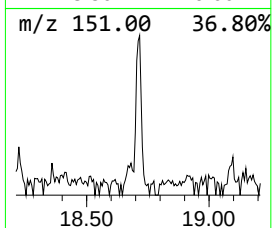
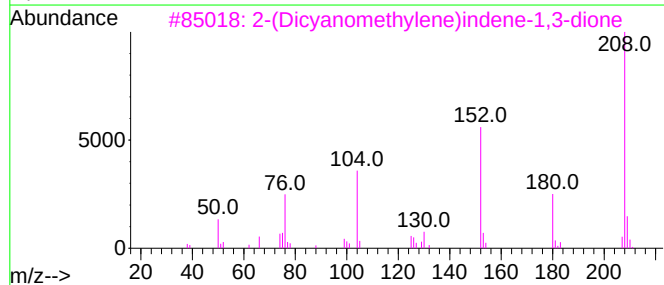
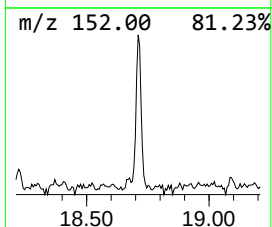
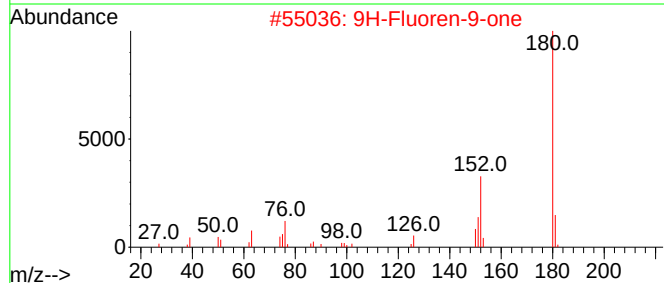
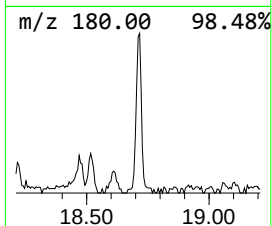
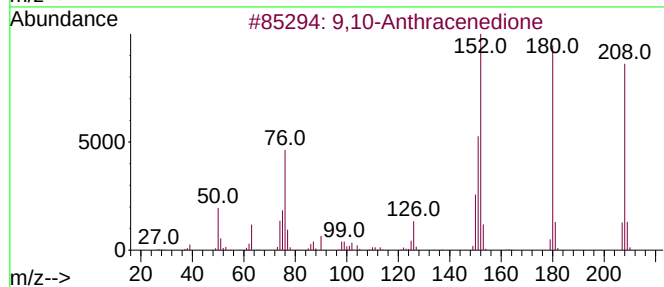
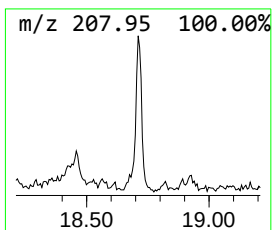
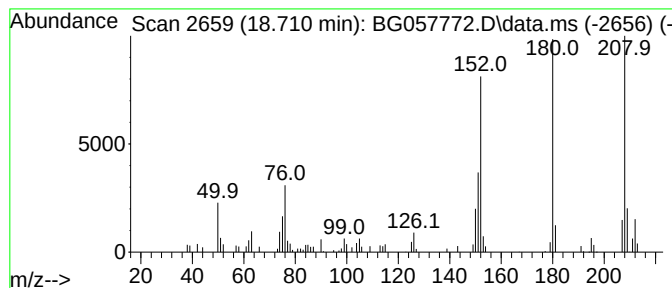
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	2.39 ng	67023	Phenanthrene-d10	17.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3			2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58
4			1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

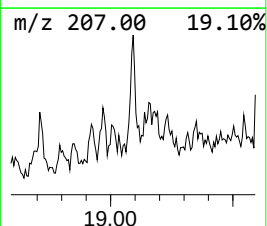
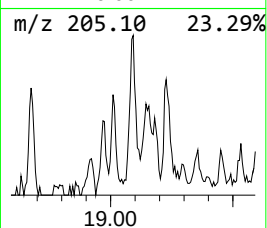
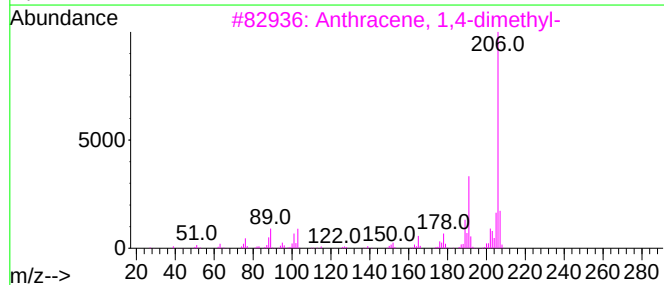
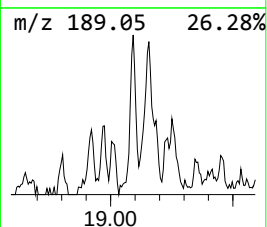
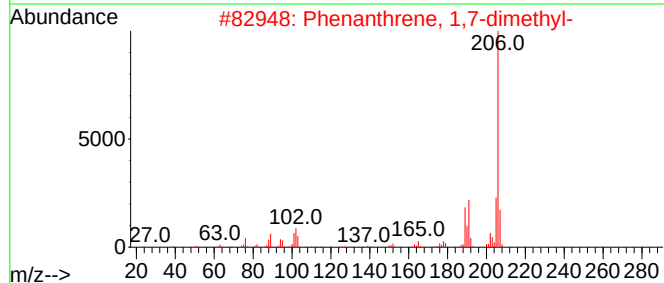
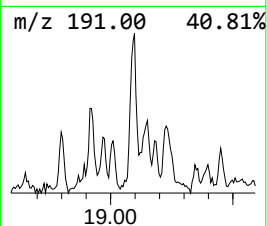
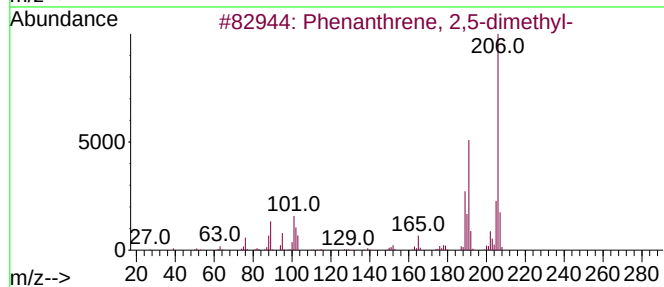
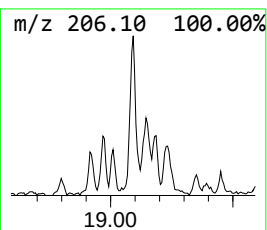
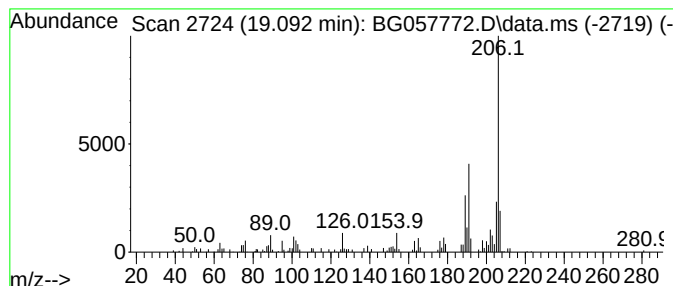
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	3.58 ng	100240	Phenanthrene-d10	17.300

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

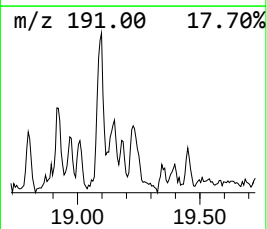
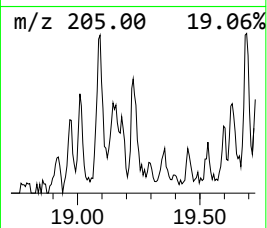
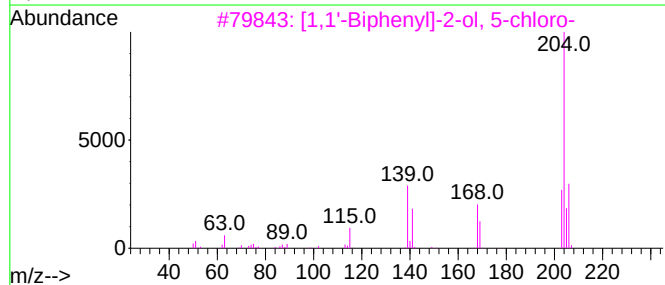
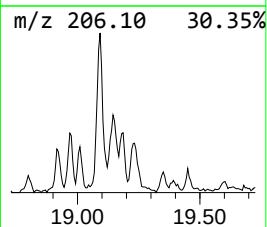
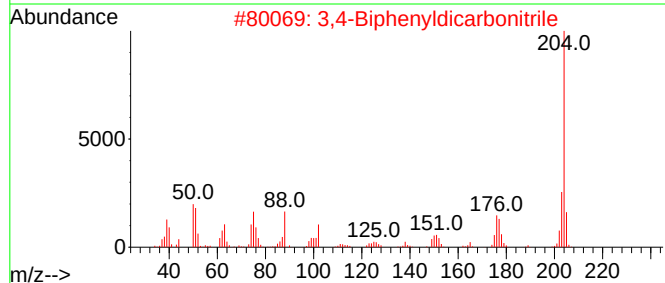
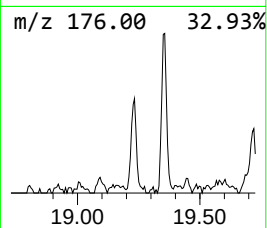
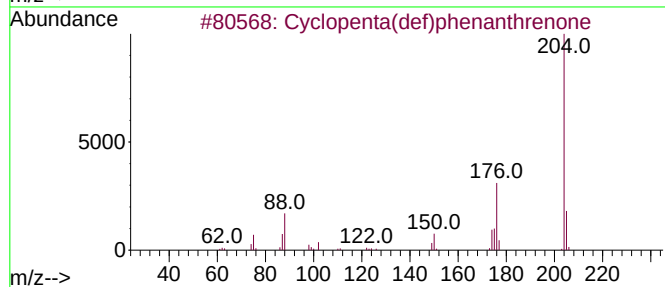
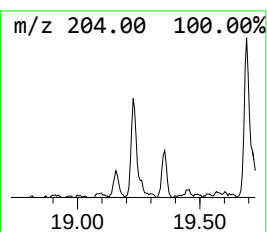
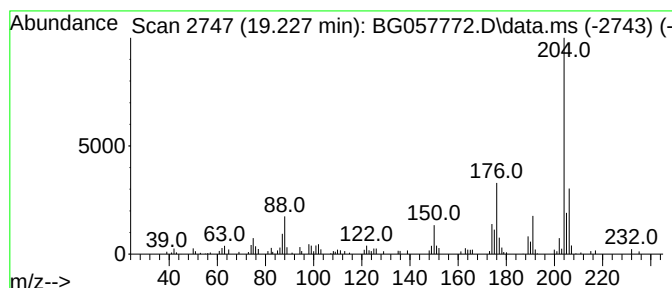
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	3.28 ng	91738	Phenanthrene-d10	17.300

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4		Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

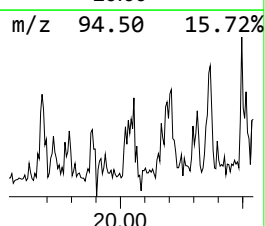
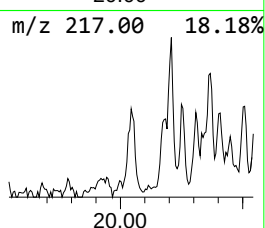
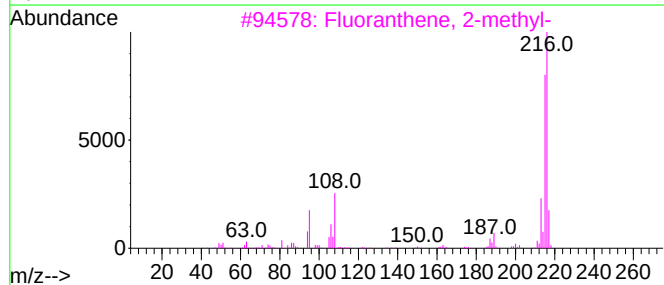
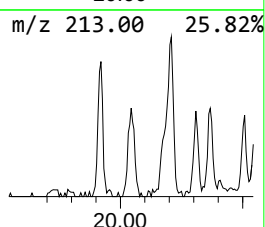
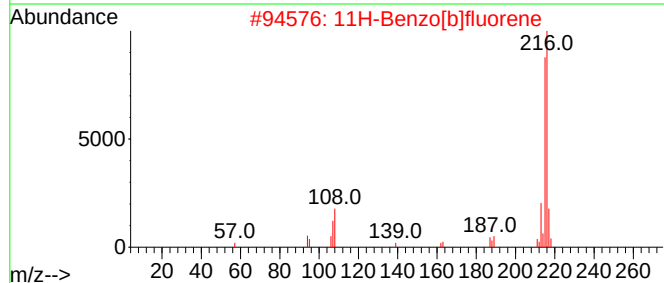
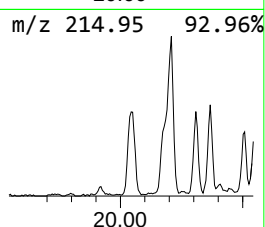
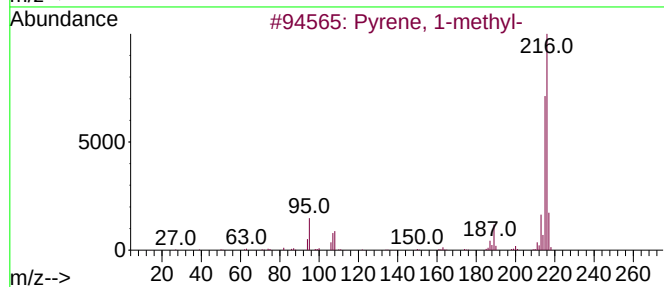
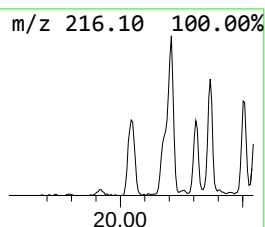
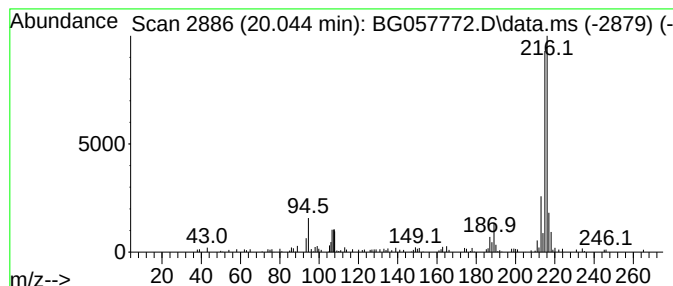
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.044	2.70 ng	171549	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

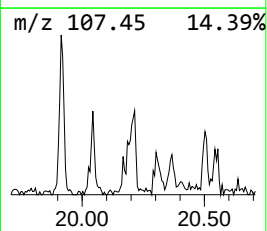
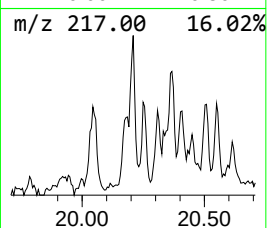
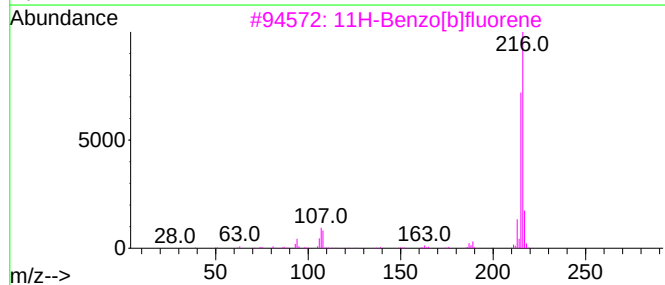
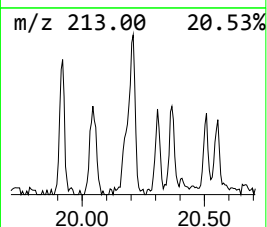
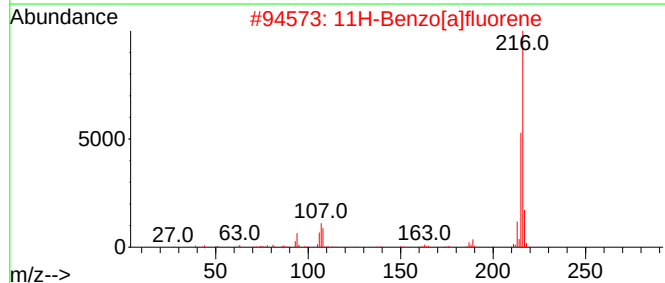
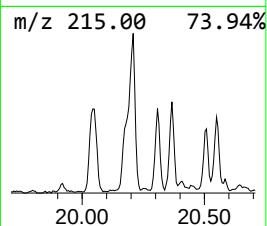
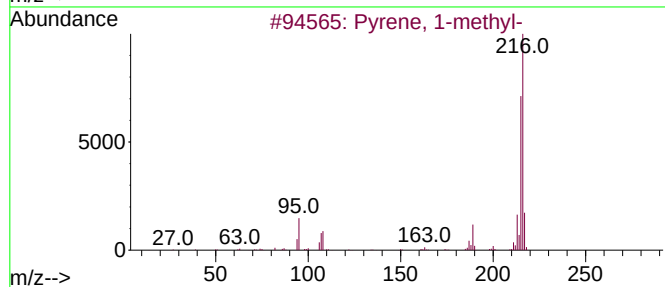
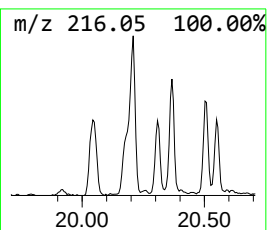
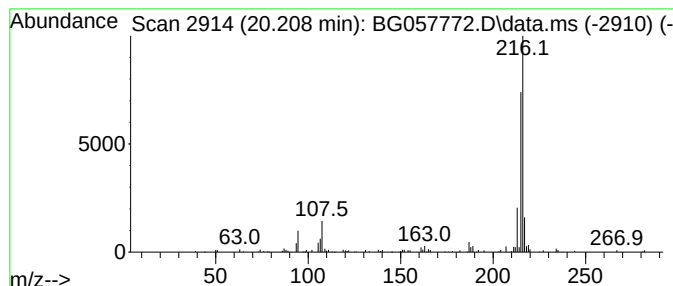
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.208	2.18 ng	138853	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

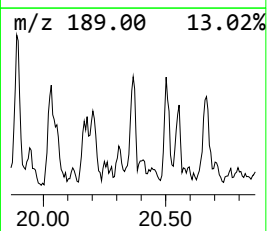
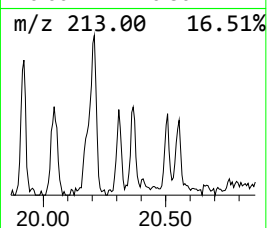
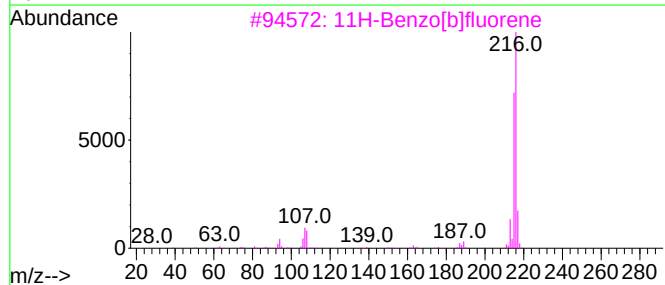
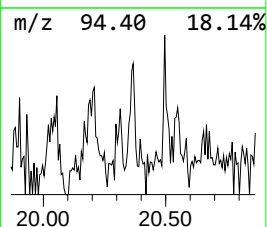
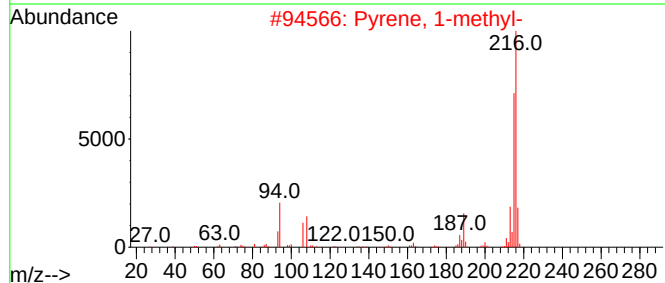
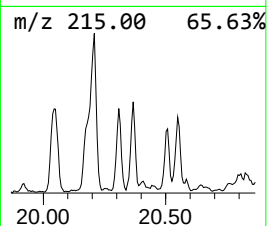
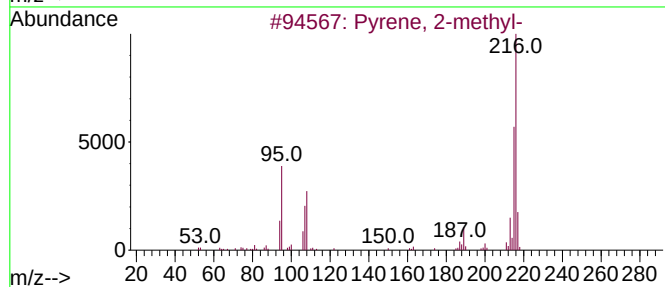
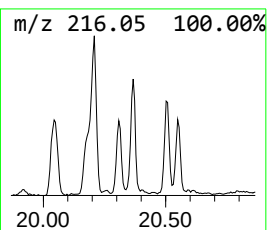
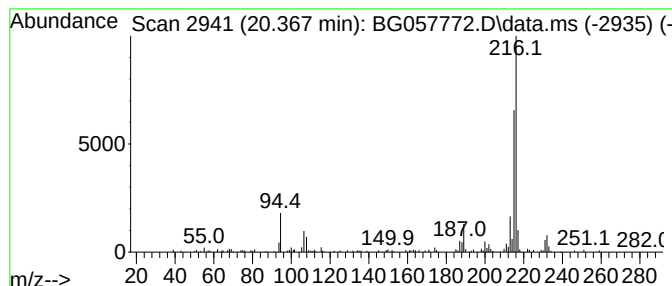
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.367	2.03 ng	129087	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

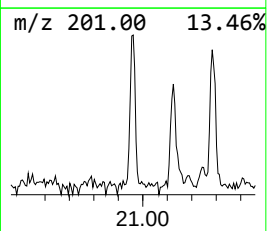
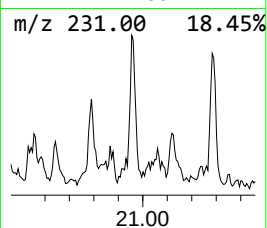
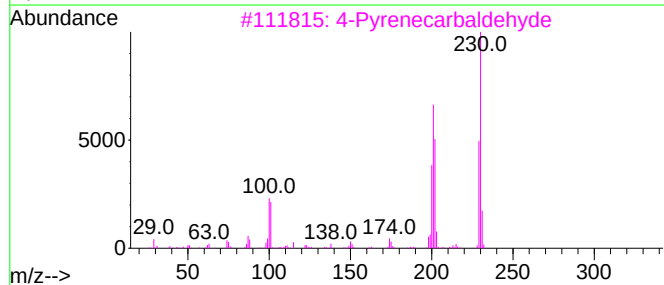
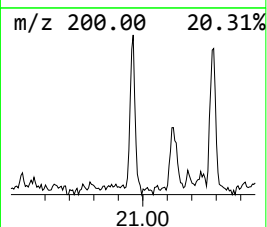
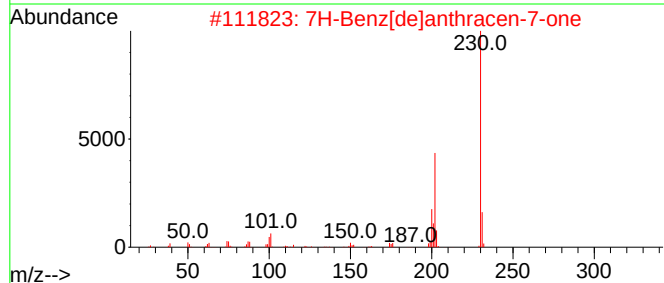
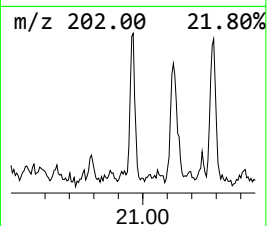
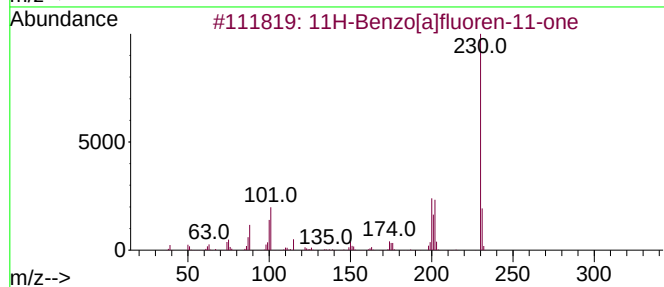
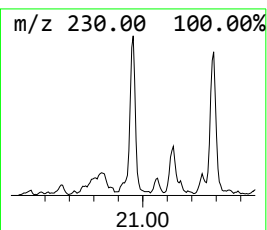
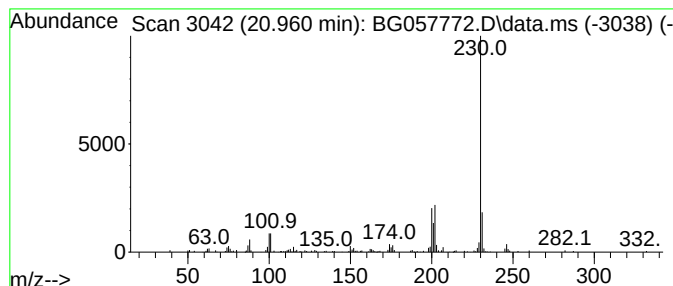
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	2.16 ng	137176	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4			3H-pyrazol-3-one, 2-(1,3-dihydro...	230	C12H10N2O3	1000396-36-9	53
5			3-(tert-Butyl)aniline, N-trifluo...	245	C12H14F3NO	1000467-17-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

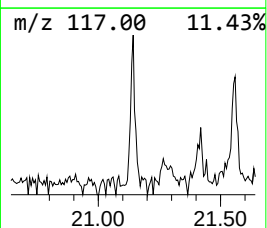
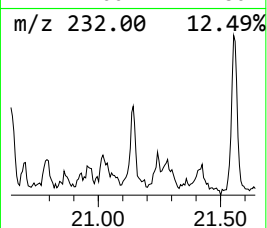
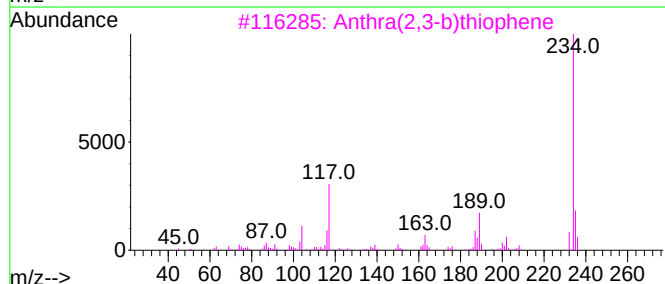
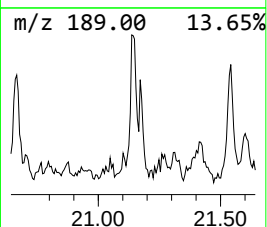
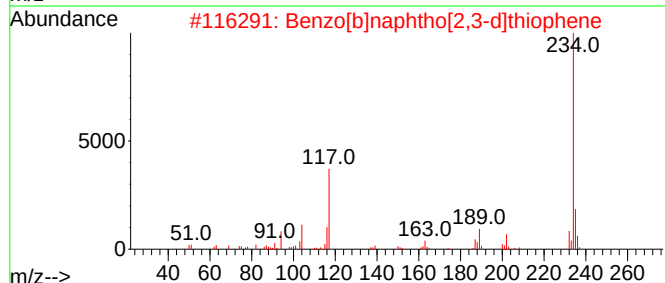
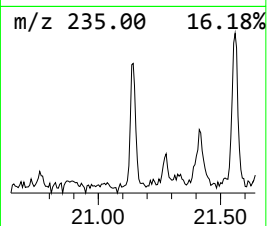
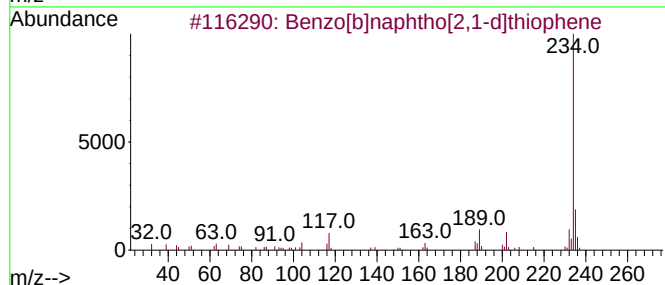
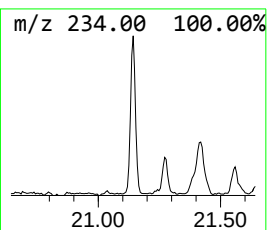
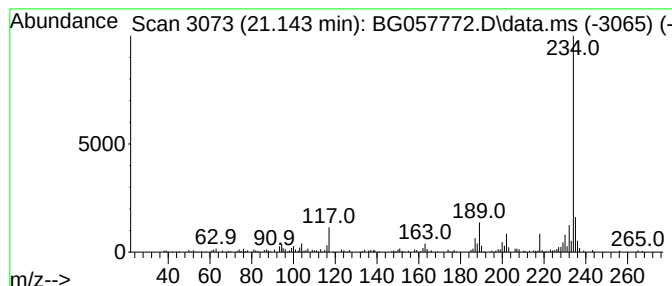
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.142	2.75 ng	174890	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
5			Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

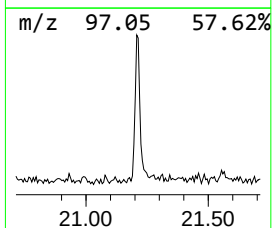
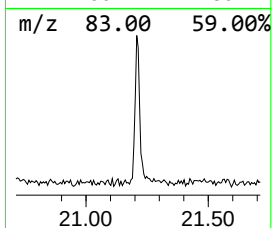
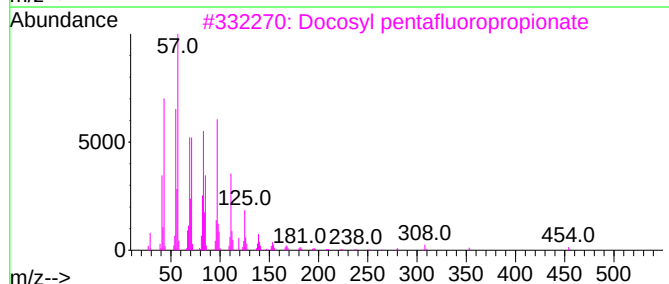
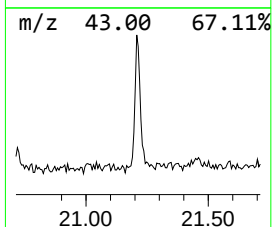
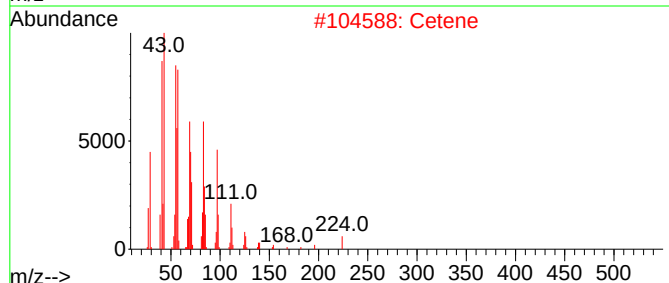
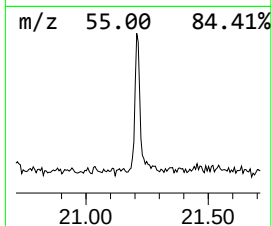
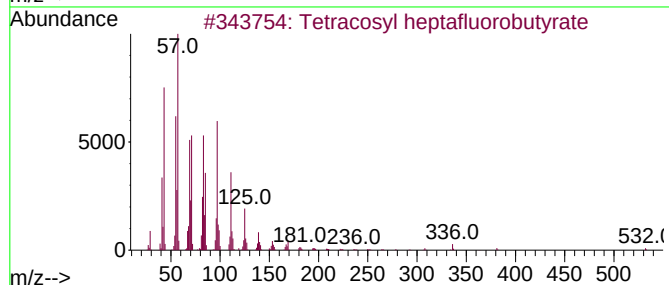
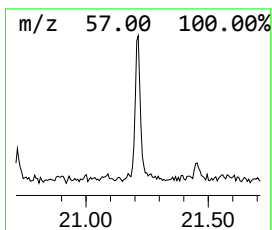
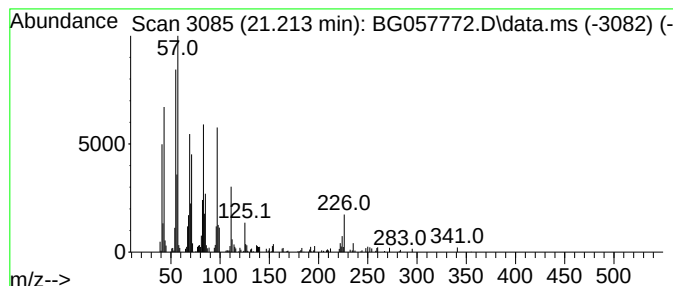
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.213	4.97 ng	316146	Chrysene-d12	21.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
2		Cetene	224	C16H32	000629-73-2	87
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87
4		Octacosanol	410	C28H58O	000557-61-9	87
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

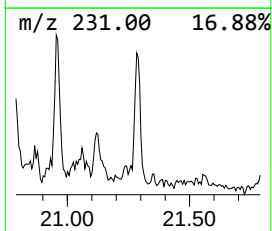
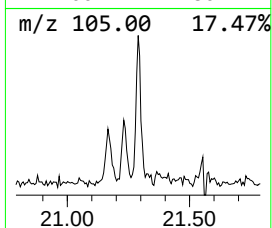
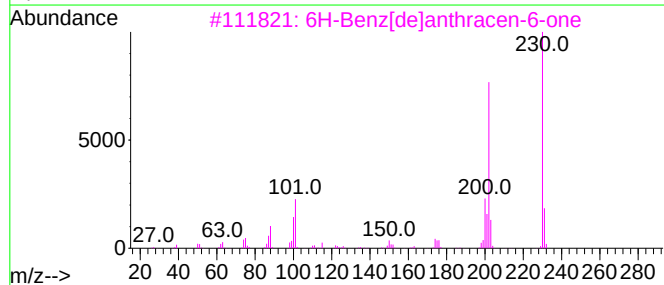
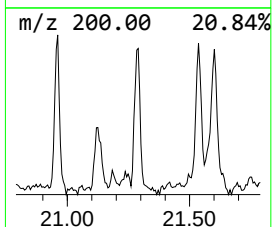
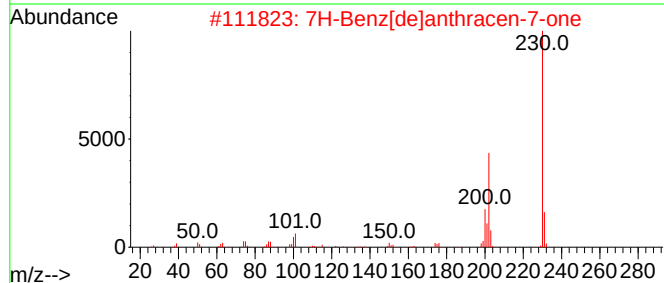
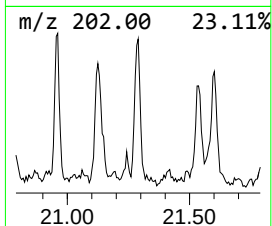
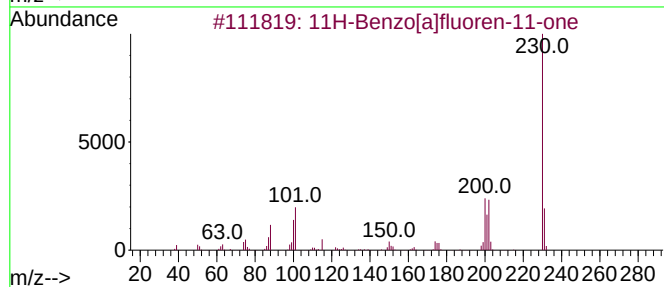
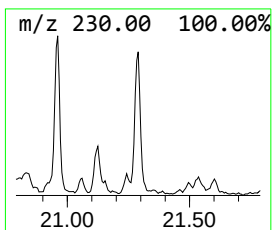
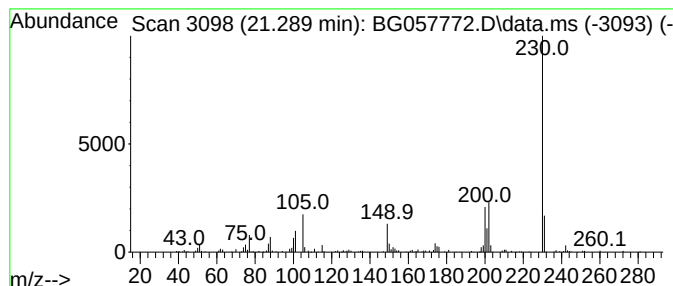
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.289	2.71 ng	172503	Chrysene-d12	21.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
4		o-Terphenyl	230	C18H14	000084-15-1	50
5		m-Terphenyl	230	C18H14	000092-06-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

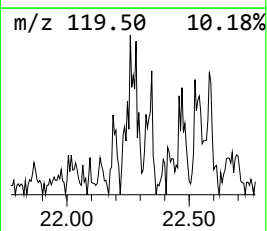
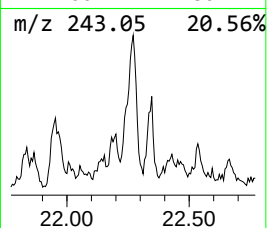
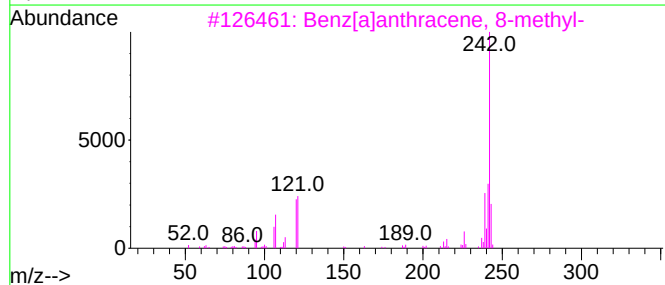
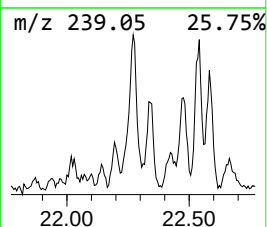
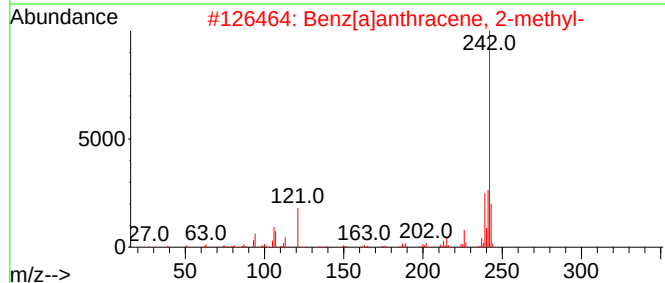
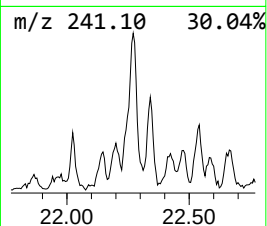
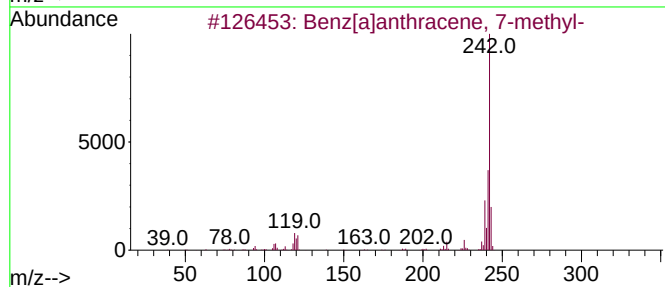
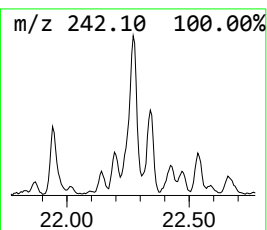
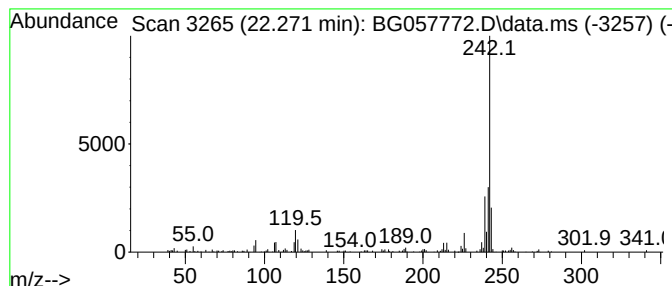
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.271	2.40 ng	153029	Chrysene-d12	21.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
3			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4			Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

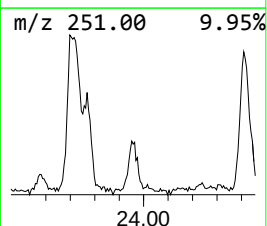
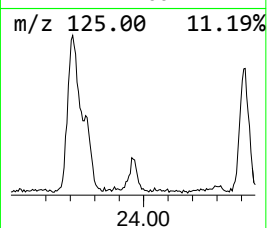
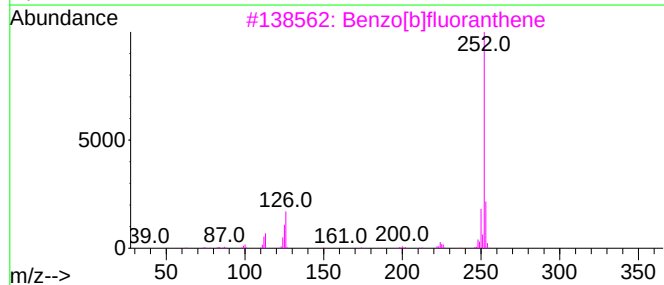
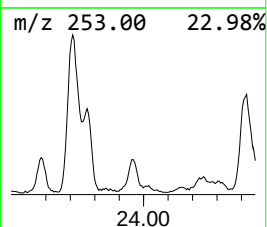
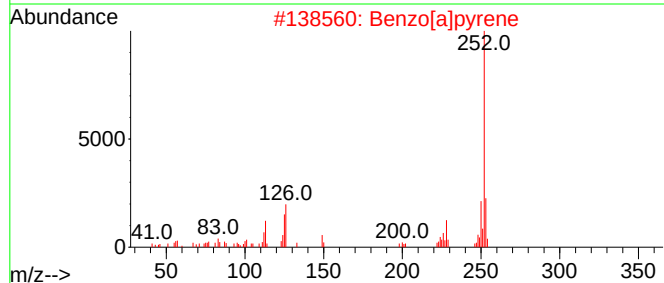
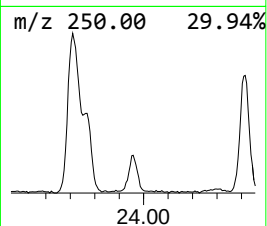
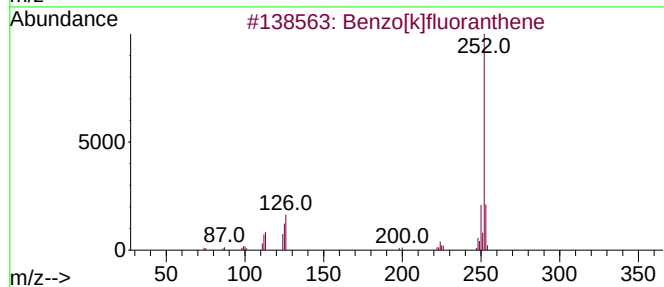
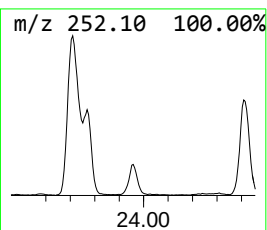
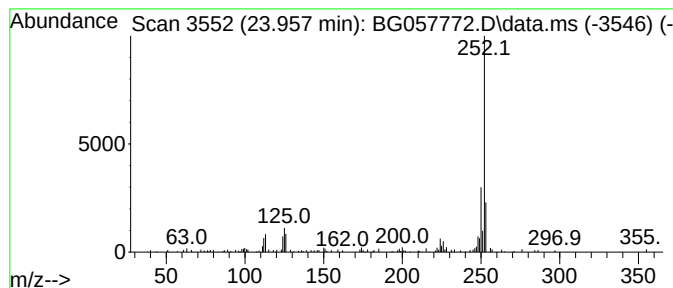
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.957	4.15 ng	122658	Perylene-d12	24.709

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4			Benzo[e]pyrene	252	C20H12	000192-97-2	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

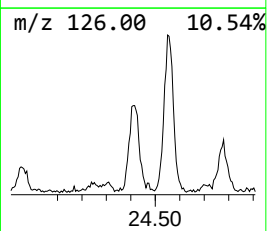
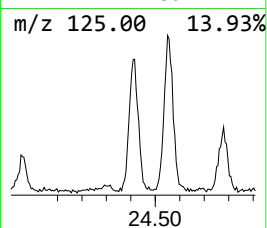
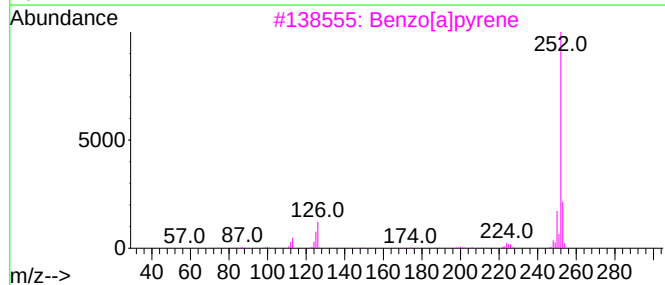
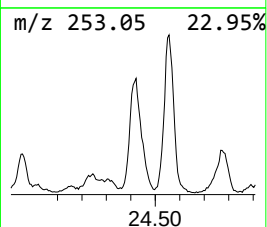
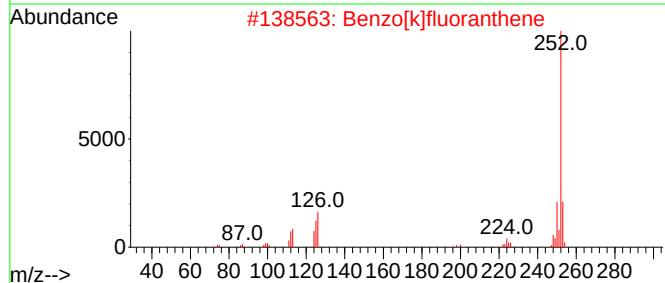
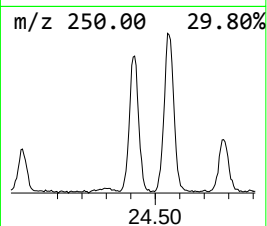
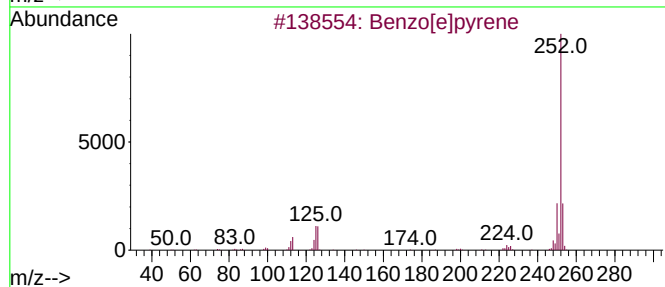
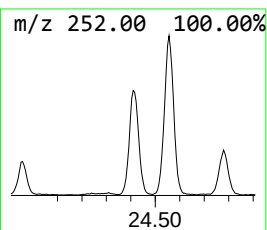
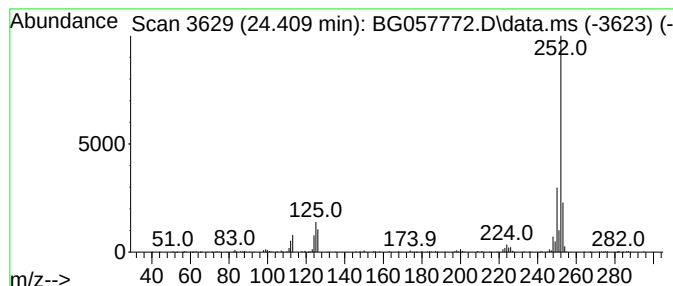
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.409	17.11 ng	505489	Perylene-d12	24.709

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	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057772.D
Acq On : 20 Jun 2023 12:06
Operator : CG/JU
Sample : 03289-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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
2-Pentanone, 4-...	5.032	17.8	ng	170243	1	7.923	191818	20.0
Benzophenone	15.913	7.9	ng	161524	3	14.556	409983	20.0
Tridecanoic acid	18.187	9.7	ng	271299	4	17.300	560226	20.0
Anthracene, 1-m...	18.222	4.9	ng	138206	4	17.300	560226	20.0
Benzaldehyde, 3...	18.369	6.7	ng	188009	4	17.300	560226	20.0
Phenanthrene, 4...	18.405	2.1	ng	59980	4	17.300	560226	20.0
Naphthalene, 2-...	18.675	2.5	ng	71316	4	17.300	560226	20.0
9,10-Anthracene...	18.710	2.4	ng	67023	4	17.300	560226	20.0
Phenanthrene, 2...	19.092	3.6	ng	100240	4	17.300	560226	20.0
Cyclopenta(def)...	19.227	3.3	ng	91738	4	17.300	560226	20.0
Pyrene, 1-methyl-	20.044	2.7	ng	171549	5	21.554	1272970	20.0
11H-Benzo[a]flu...	20.208	2.2	ng	138853	5	21.554	1272970	20.0
Pyrene, 2-methyl-	20.367	2.0	ng	129087	5	21.554	1272970	20.0
11H-Benzo[a]flu...	20.960	2.2	ng	137176	5	21.554	1272970	20.0
Benzo[b]naphtho...	21.142	2.8	ng	174890	5	21.554	1272970	20.0
Tetracosyl hept...	21.213	5.0	ng	316146	5	21.554	1272970	20.0
7H-Benz[de]anth...	21.289	2.7	ng	172503	5	21.554	1272970	20.0
Benz[a]anthrace...	22.271	2.4	ng	153029	5	21.554	1272970	20.0
Benzo[j]fluoran...	23.957	4.2	ng	122658	6	24.709	590967	20.0
Benzo[e]pyrene	24.409	17.1	ng	505489	6	24.709	590967	20.0