

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055313.D
 Acq On : 27 Oct 2022 00:49
 Operator : CG/JU
 Sample : N5238-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2673

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-BG102422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	338	344	355	rVB	100089	161358	1.23%	0.168%
2	5.797	419	427	441	rBV	717518	1181442	8.98%	1.228%
3	7.413	695	702	717	rBV	720274	1294641	9.84%	1.346%
4	8.271	842	848	860	rVB	173706	294111	2.23%	0.306%
5	9.440	1040	1047	1059	rBV	438155	798464	6.07%	0.830%
6	11.097	1322	1329	1334	rBV	246005	448021	3.40%	0.466%
7	11.150	1334	1338	1346	rVB	95087	163347	1.24%	0.170%
8	12.730	1602	1607	1614	rBV	103380	168705	1.28%	0.175%
9	12.948	1635	1644	1652	rVB	84233	150943	1.15%	0.157%
10	13.512	1731	1740	1750	rBV	1049312	1642350	12.48%	1.707%
11	14.041	1822	1830	1841	rBV4	59543	158728	1.21%	0.165%
12	14.158	1841	1850	1854	rBV	192797	296983	2.26%	0.309%
13	14.611	1917	1927	1938	rBV2	86380	225646	1.71%	0.235%
14	14.881	1968	1973	1979	rVV	367928	546543	4.15%	0.568%
15	14.945	1979	1984	1990	rVB	478784	741468	5.63%	0.771%
16	15.274	2031	2040	2047	rVB	231856	383850	2.92%	0.399%
17	15.921	2143	2150	2159	rVB	534533	811175	6.16%	0.843%
18	16.209	2195	2199	2206	rVB	81005	133521	1.01%	0.139%
19	16.361	2218	2225	2232	rBV	871059	1359763	10.33%	1.413%
20	16.914	2308	2319	2324	rBV2	99178	233982	1.78%	0.243%
21	17.337	2386	2391	2395	rBV3	84768	141558	1.08%	0.147%
22	17.437	2403	2408	2415	rVB	214043	323934	2.46%	0.337%
23	17.619	2433	2439	2442	rBV	402823	670045	5.09%	0.697%
24	17.666	2442	2447	2453	rVV	3057776	4963286	37.71%	5.159%
25	17.754	2453	2462	2467	rVV	810529	1287400	9.78%	1.338%
26	18.012	2495	2506	2513	rBV	330500	601390	4.57%	0.625%
27	18.124	2520	2525	2532	rBV3	98275	147338	1.12%	0.153%
28	18.247	2540	2546	2551	rVB	2577181	3217386	24.45%	3.344%
29	18.482	2580	2586	2590	rBV2	579632	959521	7.29%	0.997%
30	18.535	2590	2595	2600	rVB	473592	723701	5.50%	0.752%
31	18.612	2603	2608	2613	rVB	174705	252436	1.92%	0.262%
32	18.682	2613	2620	2624	rBV3	688125	1295756	9.84%	1.347%
33	18.970	2664	2669	2673	rVV	303901	404989	3.08%	0.421%
34	19.017	2673	2677	2685	rVB2	177136	253191	1.92%	0.263%
35	19.381	2732	2739	2742	rBV	7171413	13161632	100.00%	13.681%
36	19.411	2742	2744	2753	rVB2	6115197	8541672	64.90%	8.879%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055313.D
 Acq On : 27 Oct 2022 00:49
 Operator : CG/JU
 Sample : N5238-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2673

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-BG102422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.528	2759	2764	2770	rBV	1795404	2261604	17.18%	2.351%
38	19.587	2770	2774	2777	rVV	379912	506639	3.85%	0.527%
39	19.663	2780	2787	2792	rVB	3663327	6354724	48.28%	6.606%
40	19.893	2821	2826	2833	rBV3	152855	275516	2.09%	0.286%
41	19.987	2836	2842	2843	rBV	804102	1231018	9.35%	1.280%
42	20.022	2843	2848	2854	rVV	3431374	5497471	41.77%	5.715%
43	20.075	2854	2857	2863	rVB3	213052	301588	2.29%	0.313%
44	20.192	2872	2877	2882	rVB2	1693579	2232357	16.96%	2.320%
45	20.257	2884	2888	2893	rVB	139852	205039	1.56%	0.213%
46	20.327	2894	2900	2906	rBV3	307611	669910	5.09%	0.696%
47	20.380	2906	2909	2914	rBV	95772	135221	1.03%	0.141%
48	20.498	2917	2929	2934	rVV	898078	1719873	13.07%	1.788%
49	20.592	2940	2945	2950	rBV2	742446	1254727	9.53%	1.304%
50	20.656	2952	2956	2959	rVV	383662	573473	4.36%	0.596%
51	20.686	2959	2961	2965	rVB	156469	170311	1.29%	0.177%
52	20.792	2975	2979	2982	rBV	236945	311699	2.37%	0.324%
53	20.839	2983	2987	2998	rVB	287602	567076	4.31%	0.589%
54	21.267	3057	3060	3067	rVB	243775	387354	2.94%	0.403%
55	21.461	3089	3093	3096	rBV	275514	425213	3.23%	0.442%
56	21.502	3097	3100	3105	rVB	344267	521857	3.96%	0.542%
57	21.561	3105	3110	3114	rBV2	341328	572575	4.35%	0.595%
58	21.884	3158	3165	3172	rBV3	1954371	4412819	33.53%	4.587%
59	21.955	3172	3177	3188	rVB	1725765	3226240	24.51%	3.354%
60	22.114	3198	3204	3210	rBV	417112	742451	5.64%	0.772%
61	22.178	3212	3215	3221	rVB4	87723	154711	1.18%	0.161%
62	22.325	3235	3240	3247	rVB	256124	457525	3.48%	0.476%
63	22.895	3333	3337	3342	rVB4	139916	249523	1.90%	0.259%
64	22.954	3343	3347	3351	rBV	131667	242889	1.85%	0.252%
65	23.095	3366	3371	3380	rVB3	147563	313542	2.38%	0.326%
66	24.235	3554	3565	3572	rBV	1241626	4494163	34.15%	4.672%
67	24.493	3603	3609	3618	rVB	283249	676449	5.14%	0.703%
68	24.998	3686	3695	3710	rVB	744729	2387396	18.14%	2.482%
69	25.163	3713	3723	3734	rVB	1119505	3466254	26.34%	3.603%
70	25.386	3757	3761	3777	rVB2	330338	1062133	8.07%	1.104%

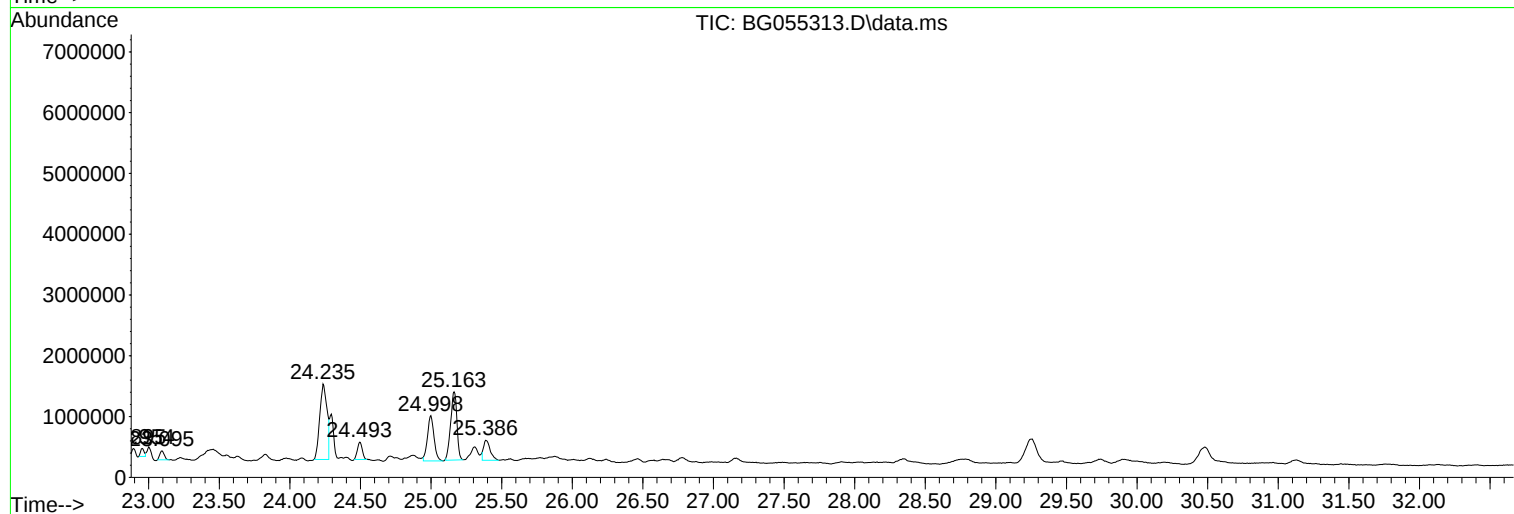
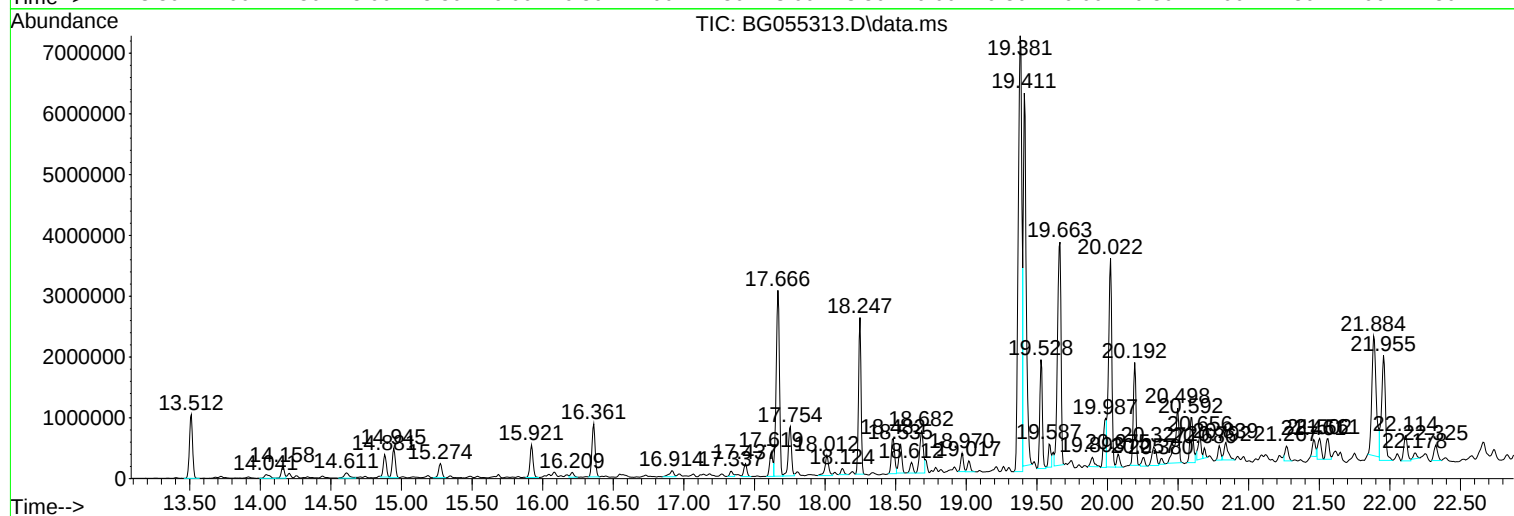
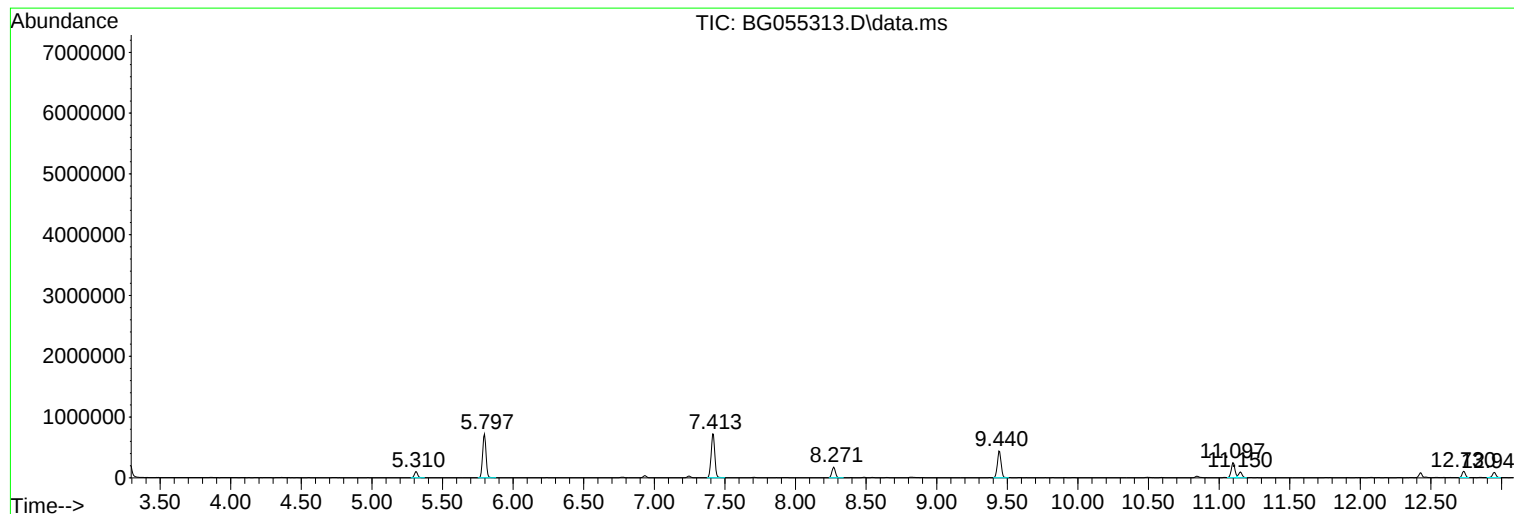
Sum of corrected areas: 96201616

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

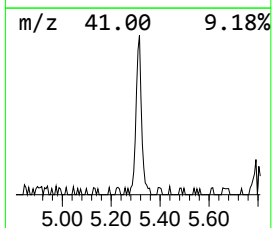
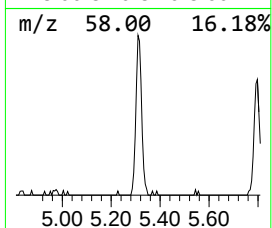
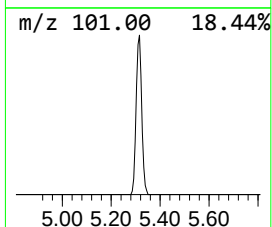
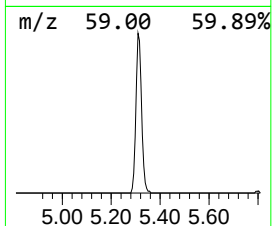
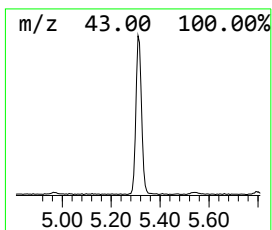
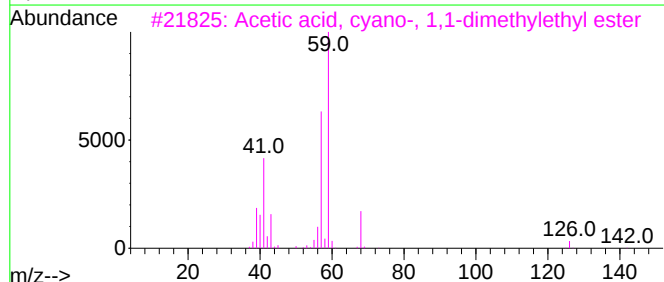
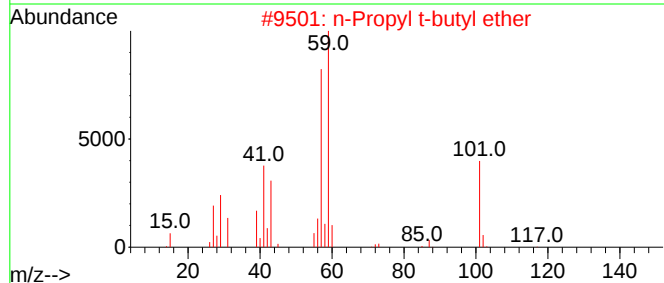
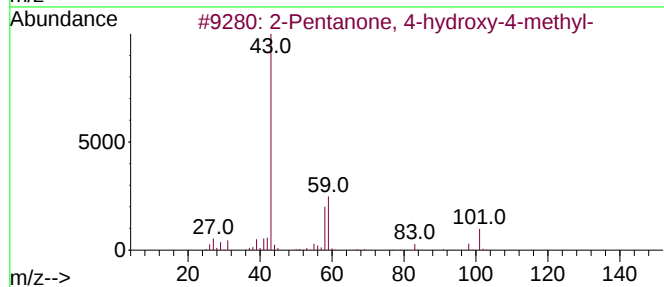
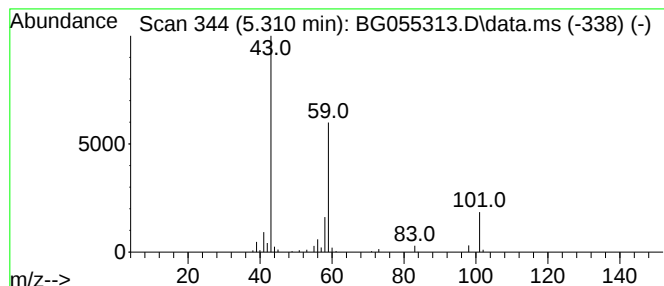
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.310	10.97 ng	161358	1,4-Dichlorobenzene-d4	8.271

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

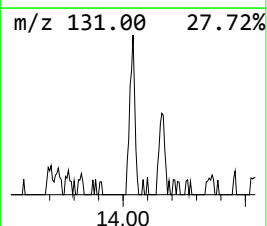
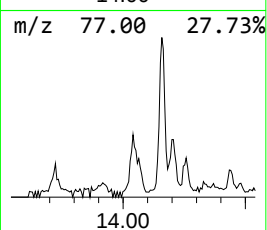
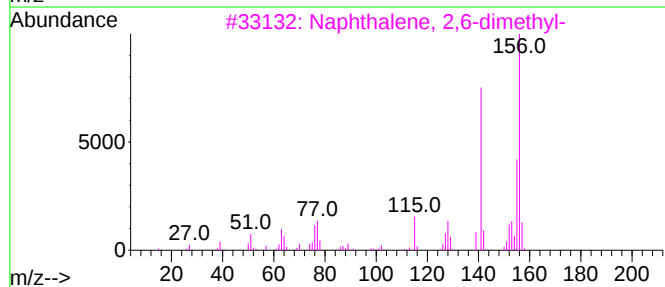
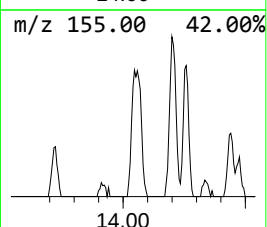
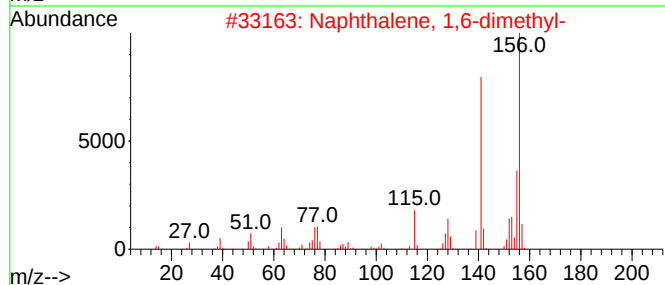
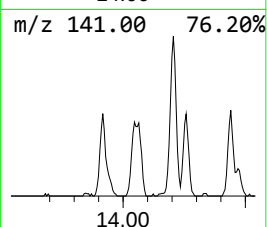
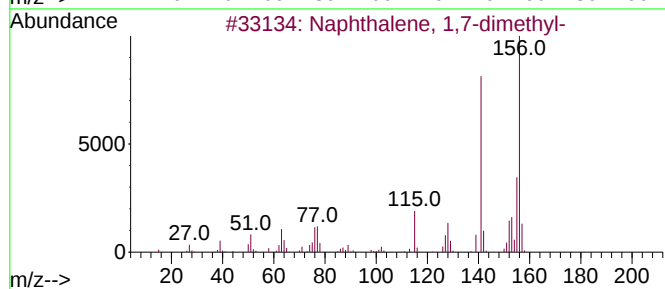
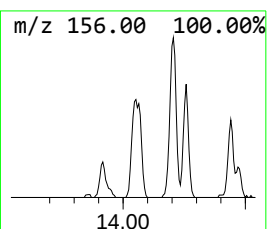
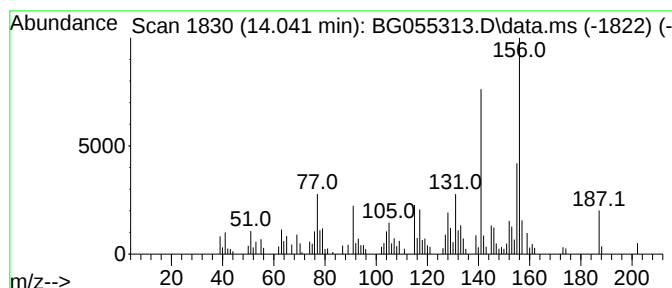
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.041	5.81 ng	158728	Acenaphthene-d10	14.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

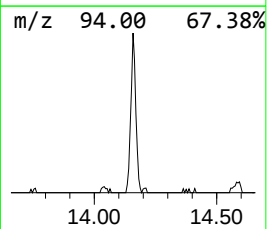
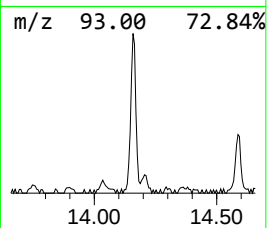
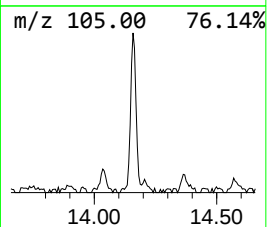
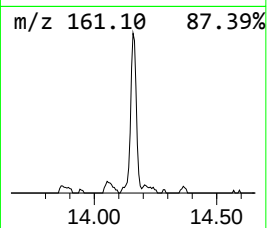
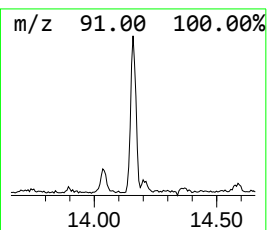
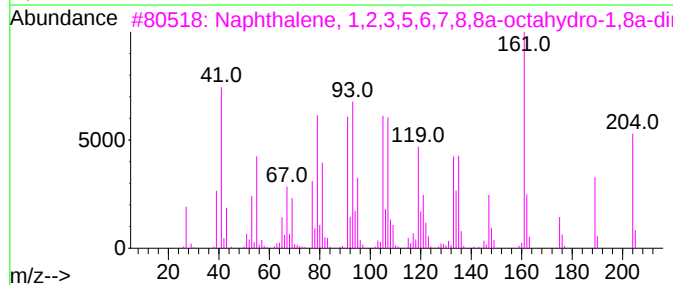
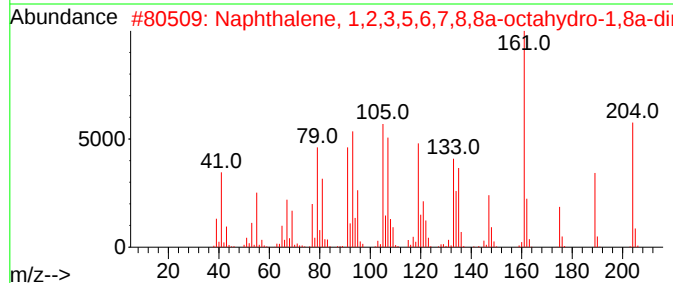
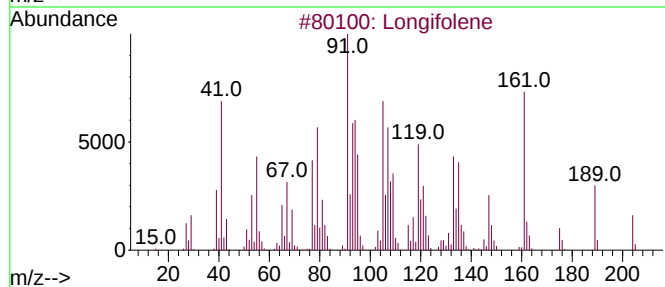
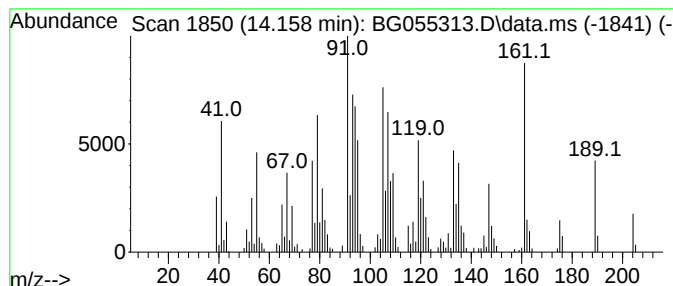
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Longifolene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.158	10.87 ng	296983	Acenaphthene-d10	14.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97
3			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	93
4			(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	93
5			Aromandendrene	204	C15H24	000489-39-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

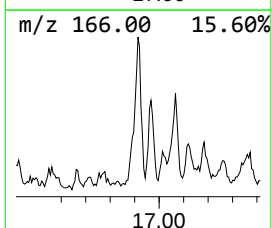
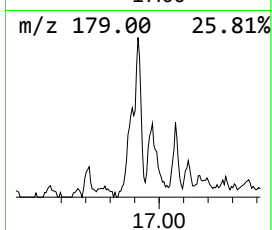
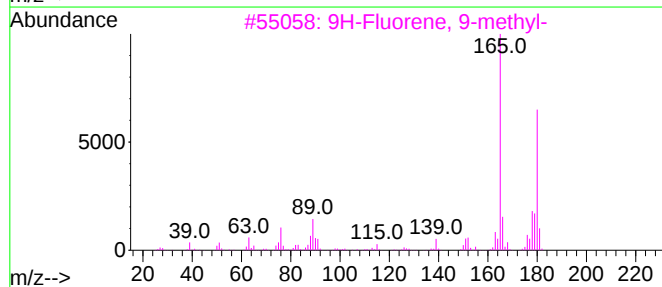
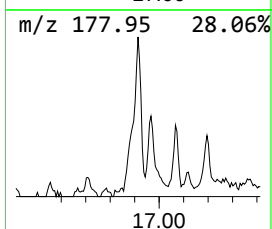
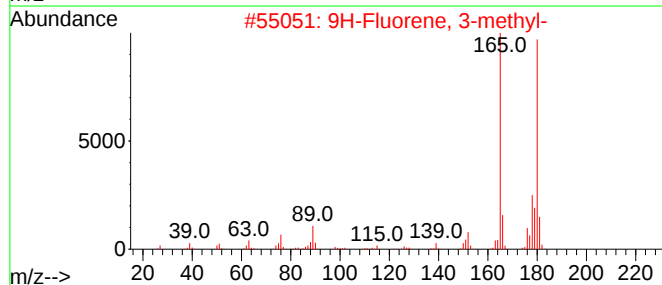
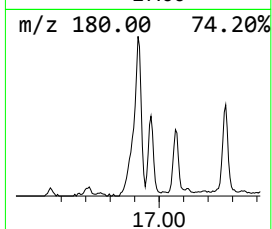
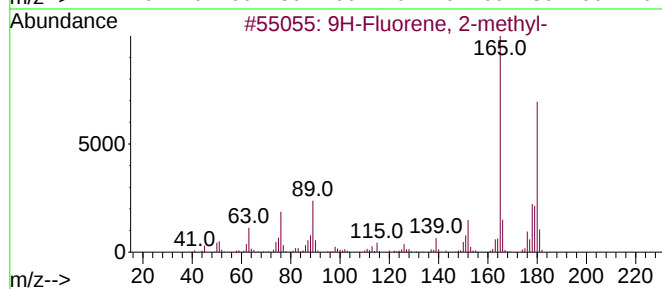
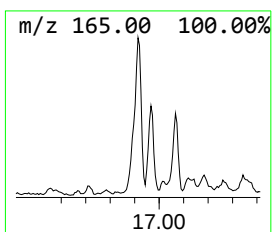
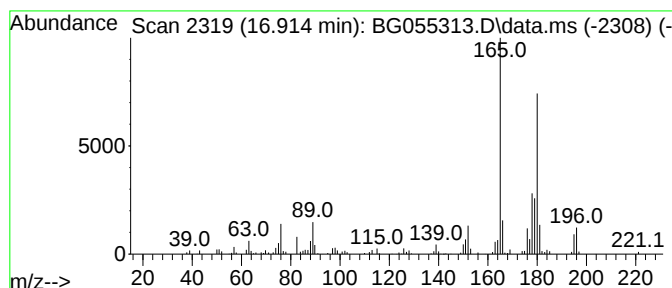
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
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, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.914	6.98 ng	233982	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

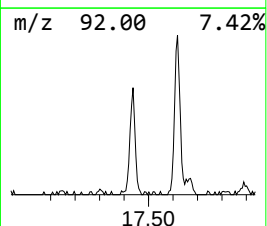
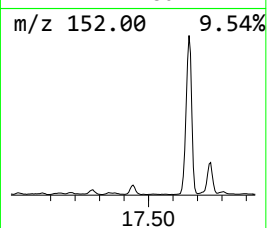
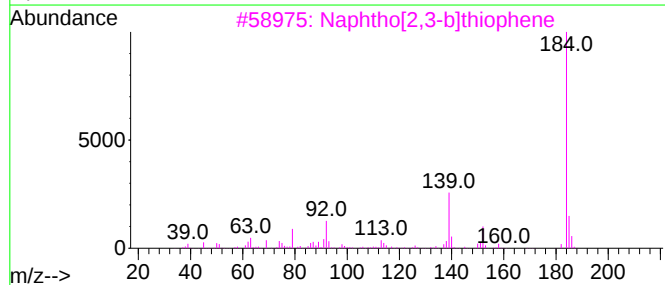
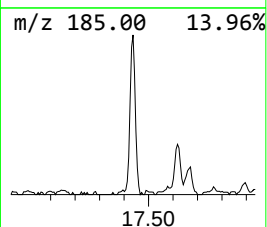
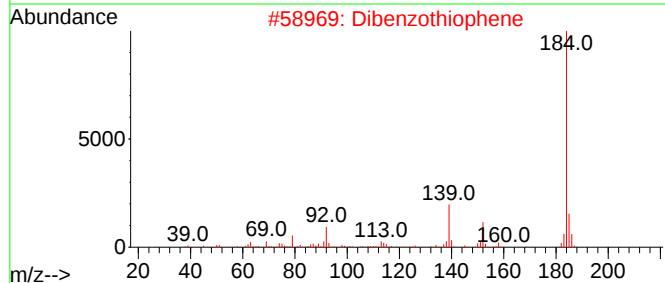
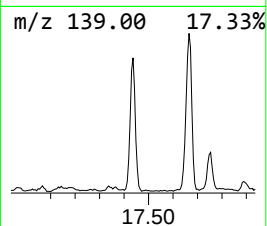
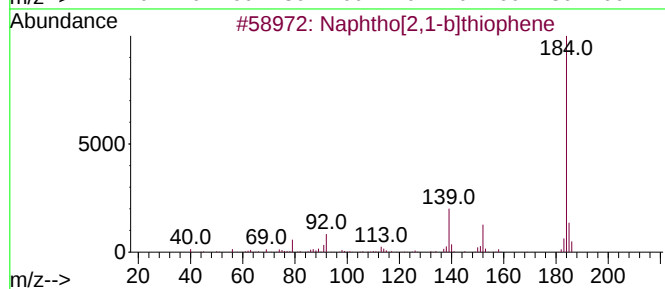
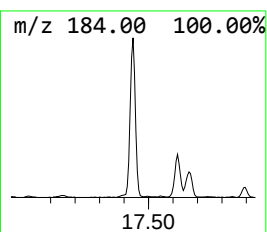
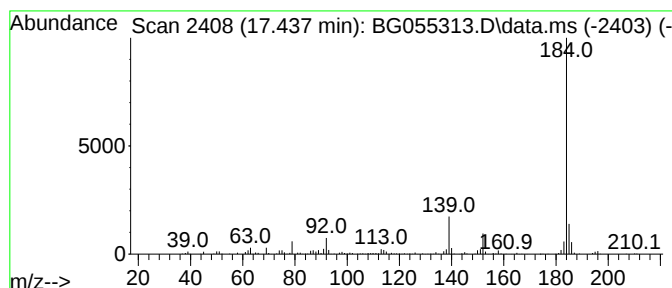
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.437	9.67 ng	323934	Phenanthrene-d10	17.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

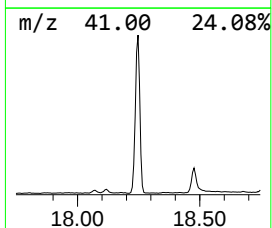
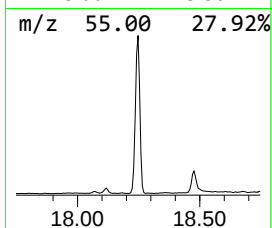
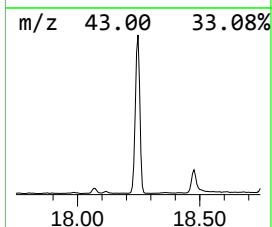
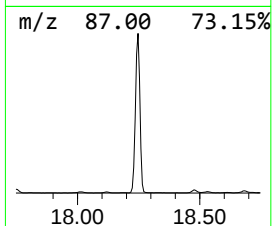
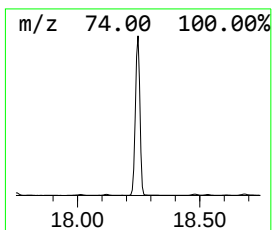
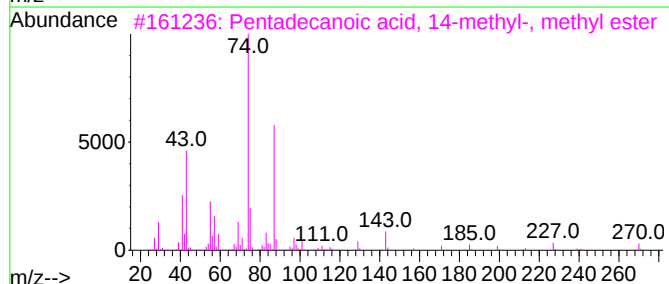
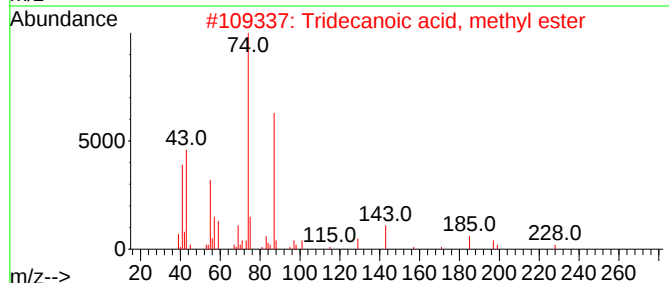
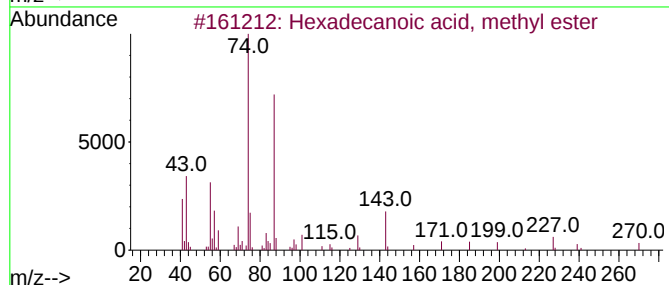
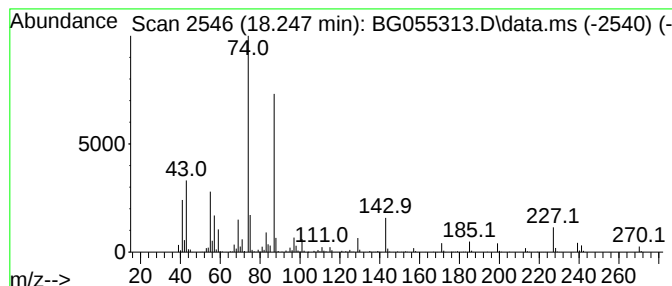
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.247	96.03 ng	3217390	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

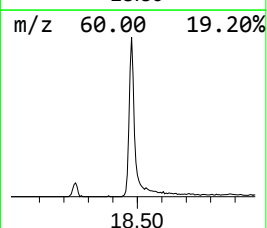
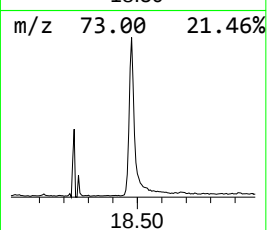
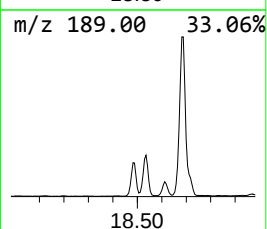
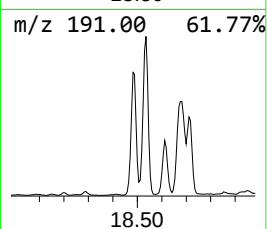
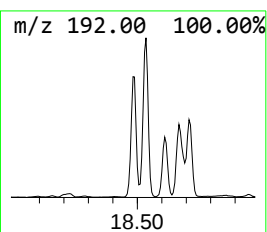
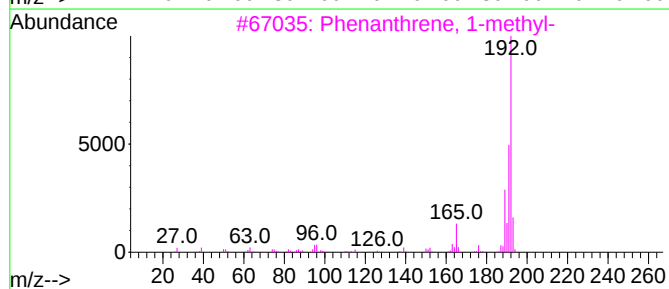
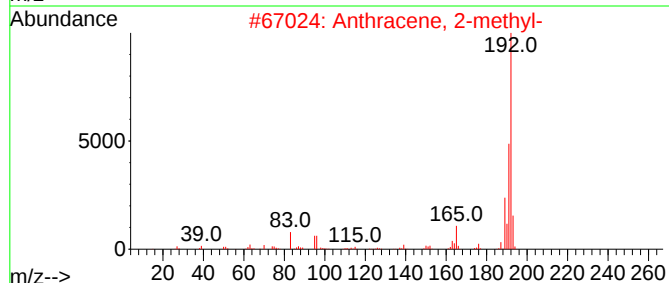
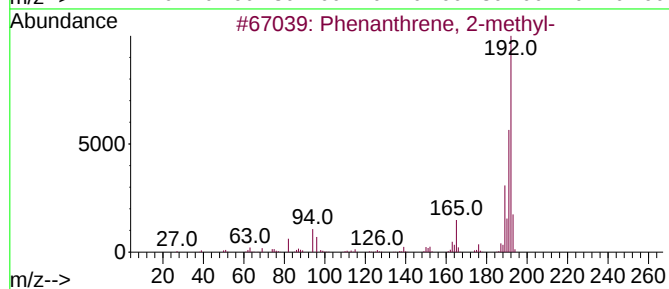
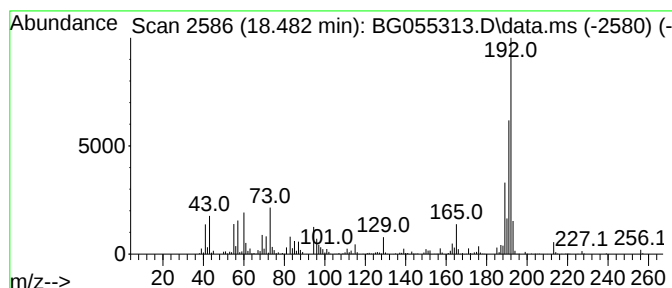
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.483	28.64 ng	959521	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

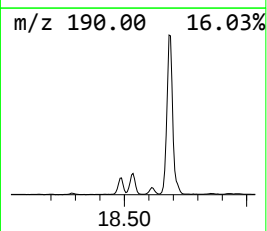
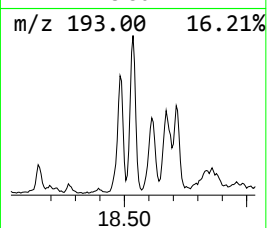
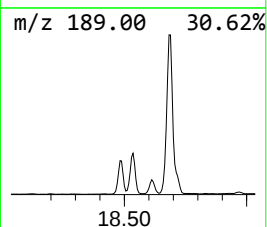
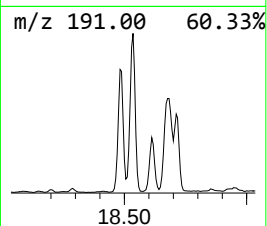
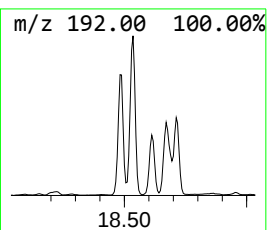
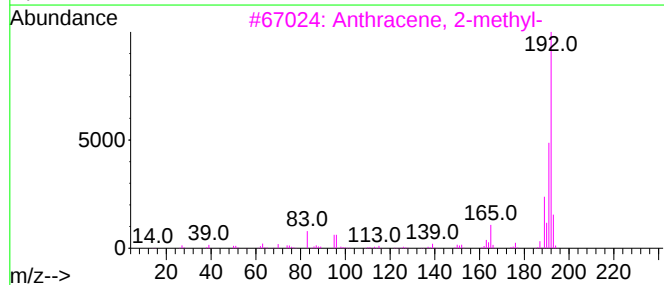
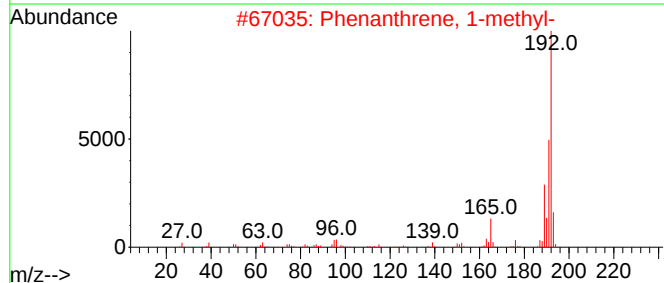
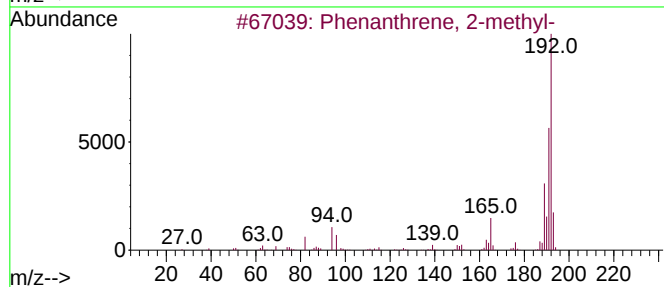
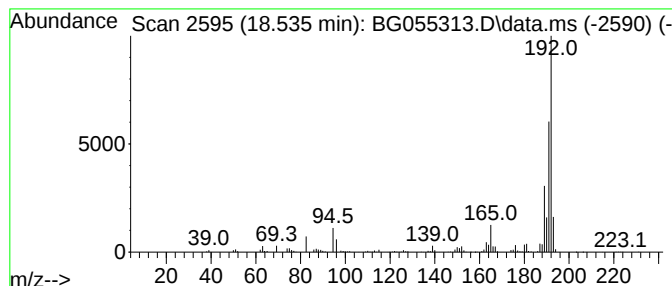
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	21.60 ng	723701	Phenanthrene-d10	17.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

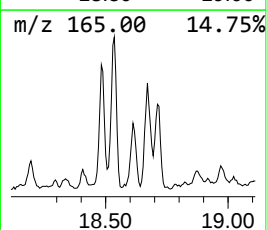
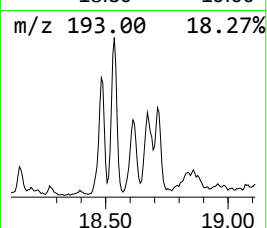
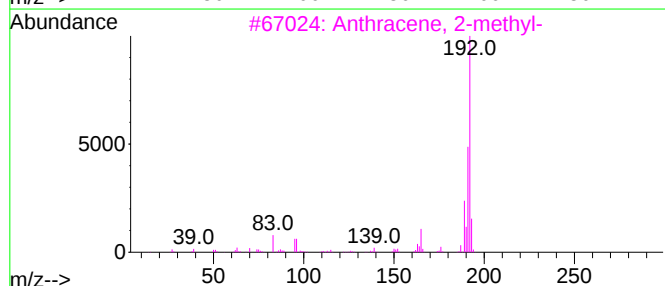
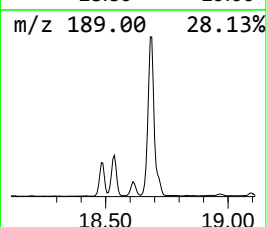
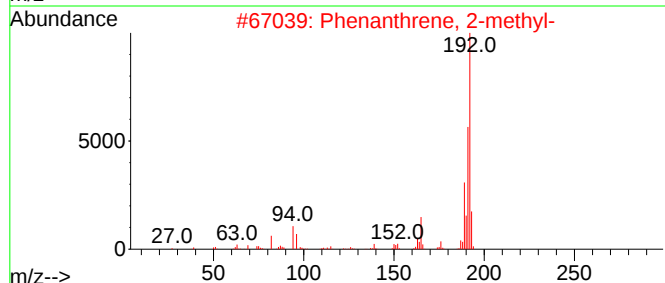
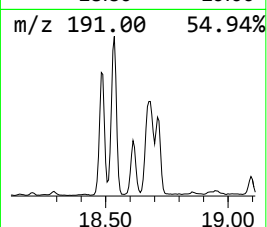
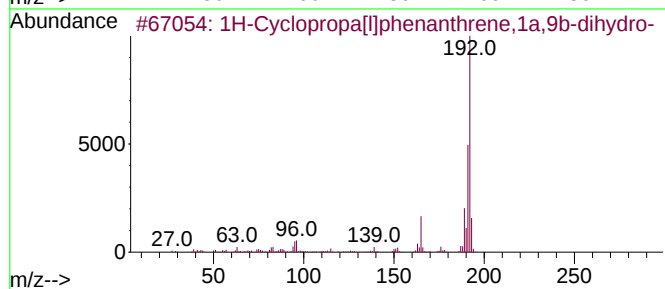
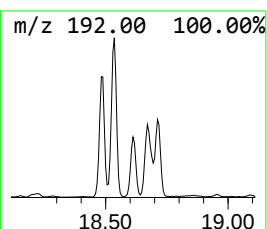
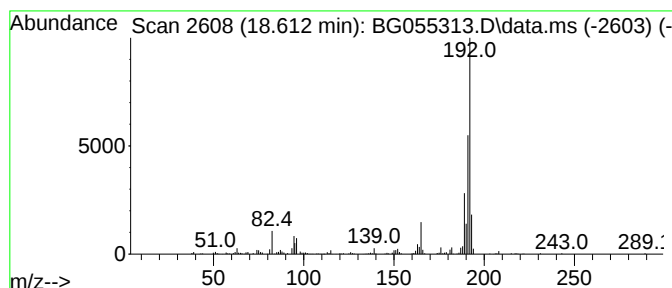
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.612	7.53 ng	252436	Phenanthrene-d10	17.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

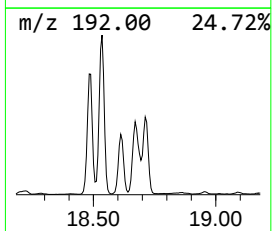
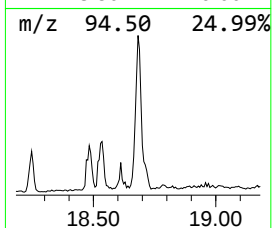
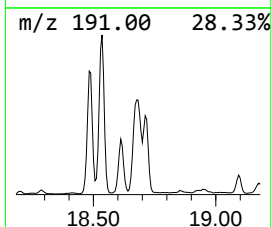
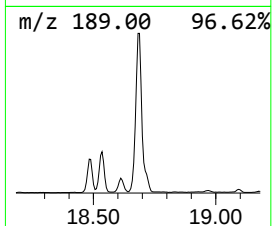
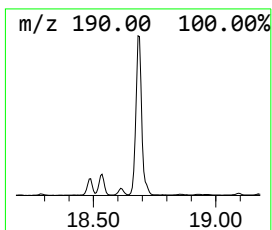
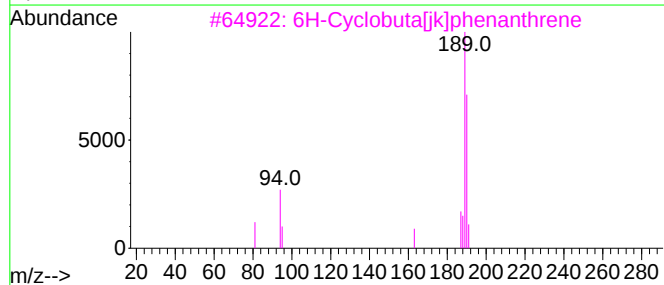
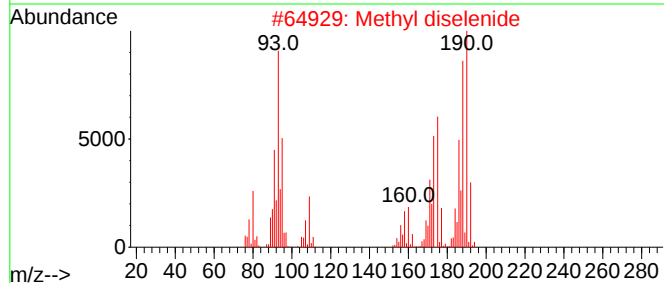
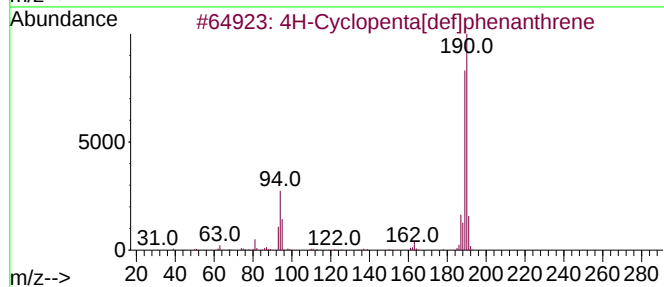
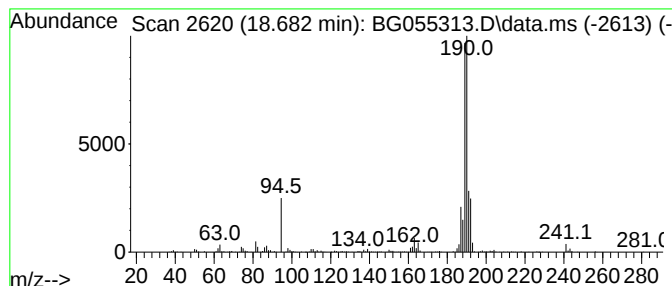
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.682	38.68 ng	1295760	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

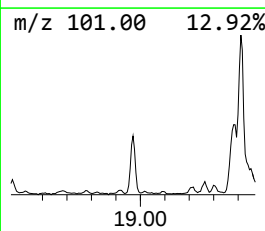
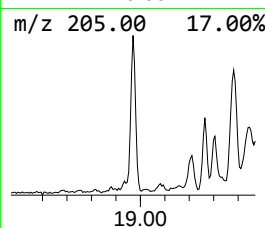
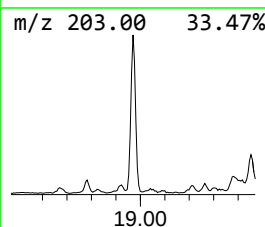
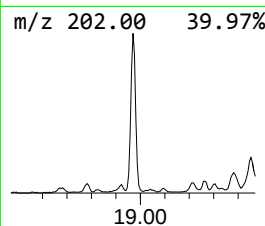
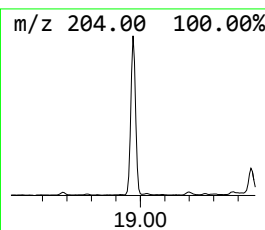
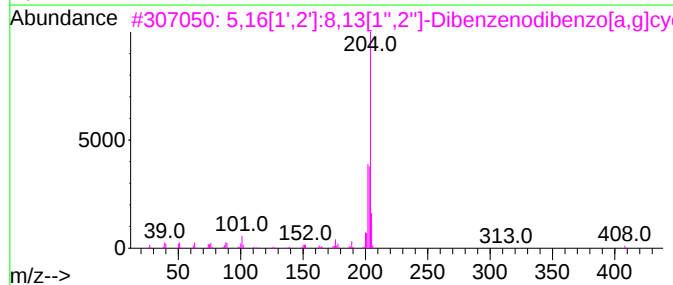
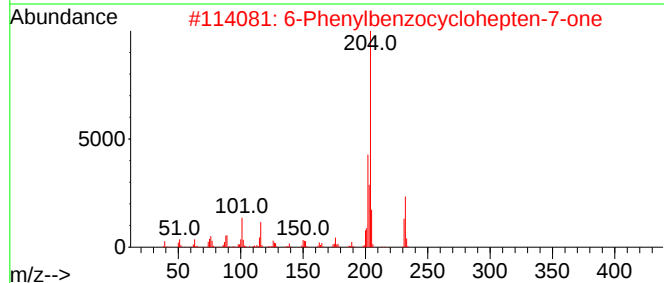
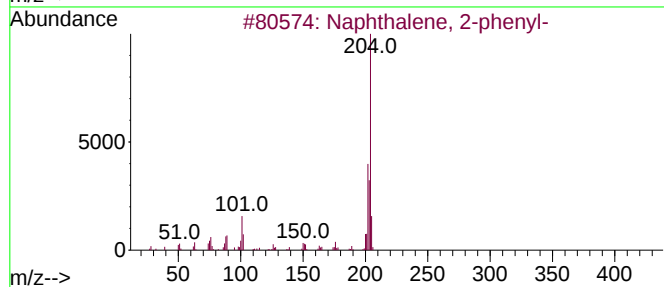
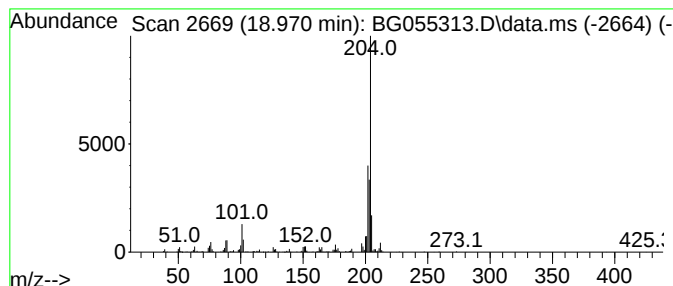
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	12.09 ng	404989	Phenanthrene-d10	17.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

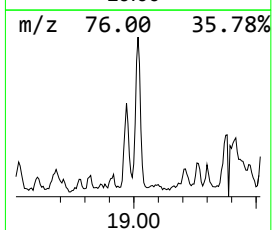
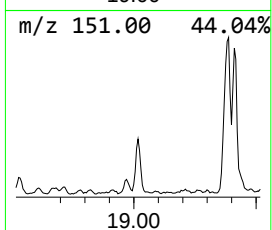
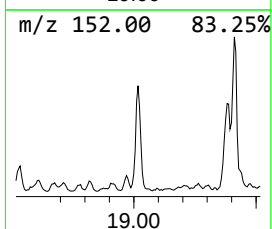
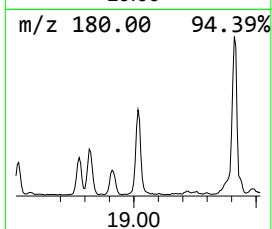
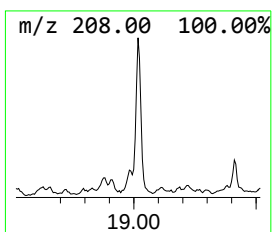
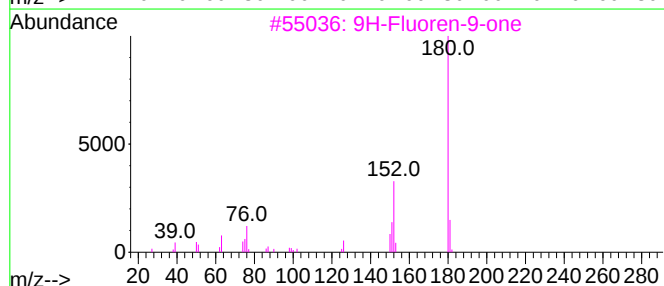
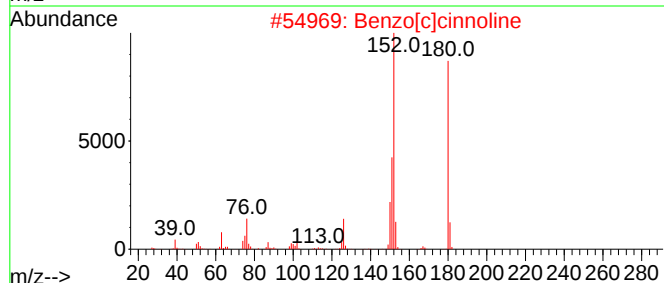
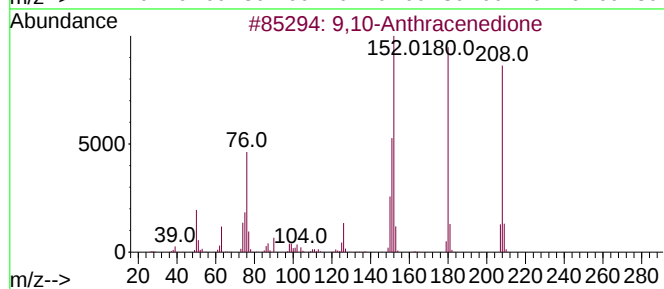
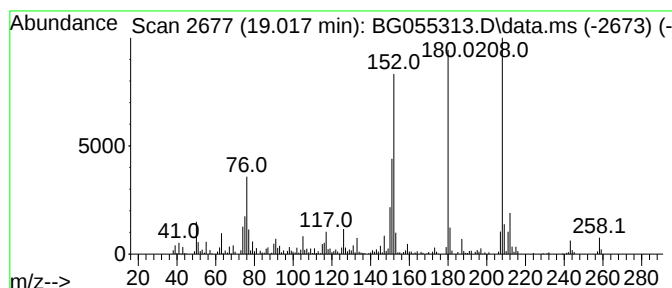
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.017	7.56 ng	253191	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	2-Hydroxy-5-methoxybenzaldehyde,...	208	C12H16O3	1000395-39-8	43
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

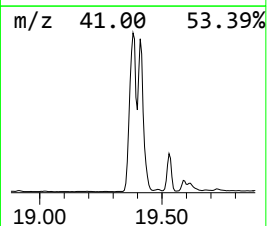
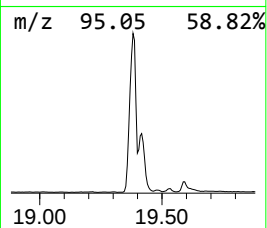
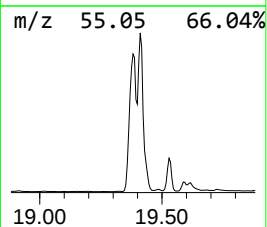
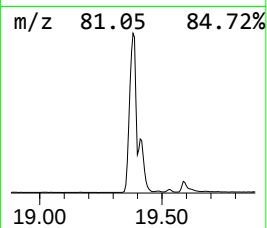
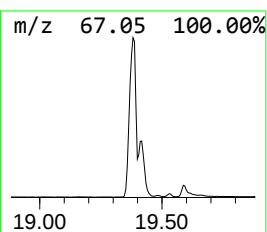
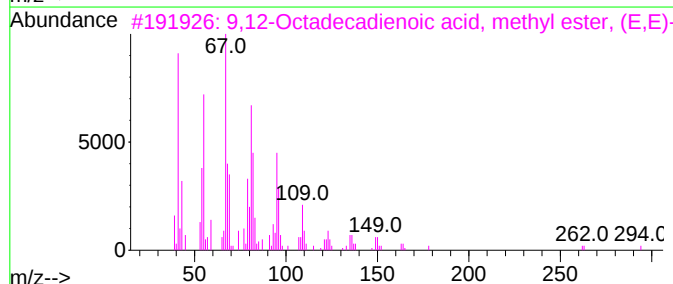
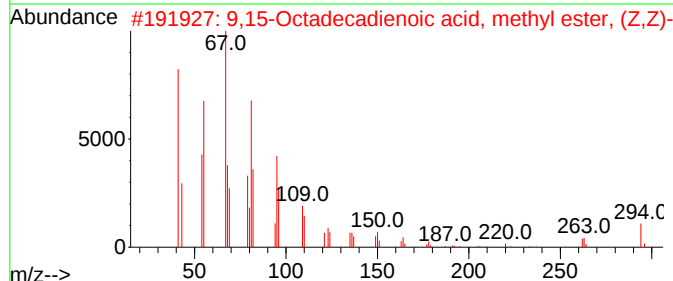
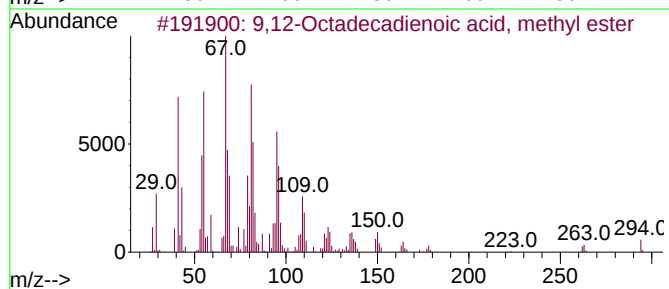
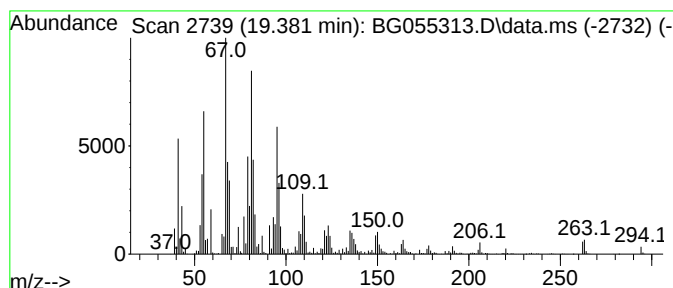
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.381	392.86 ng	13161600	Phenanthrene-d10	17.619	
Hit#	of 5	Tentative ID	MW MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3	99
2		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4	99
4		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

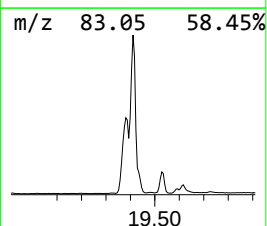
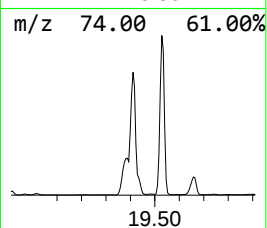
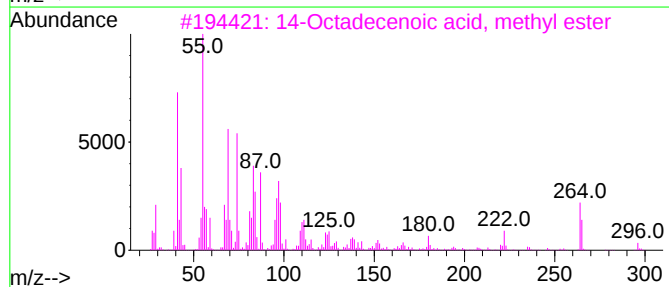
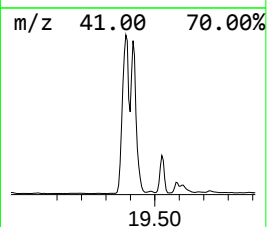
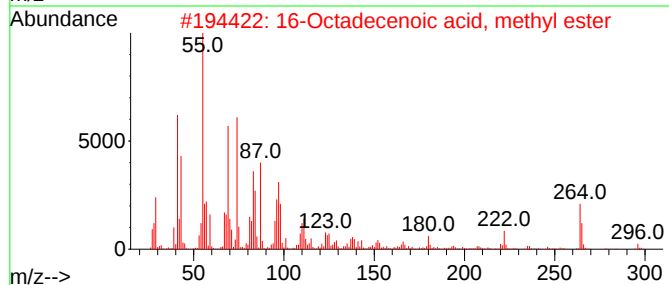
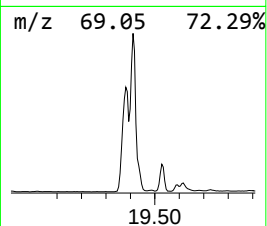
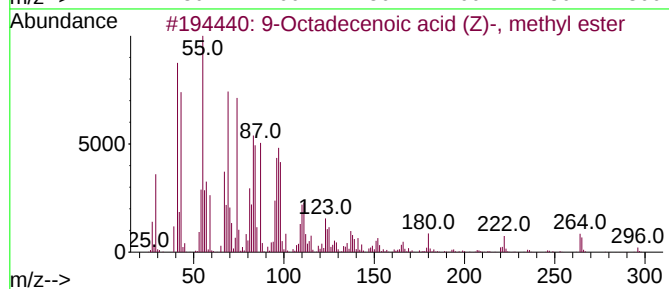
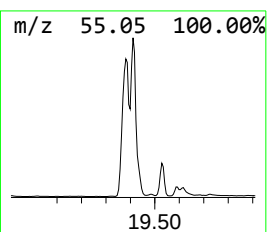
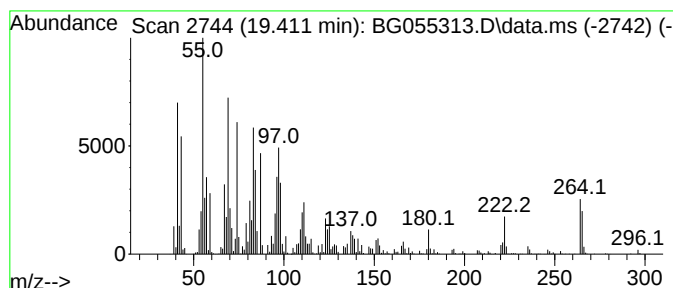
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.411	254.96 ng	8541670	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

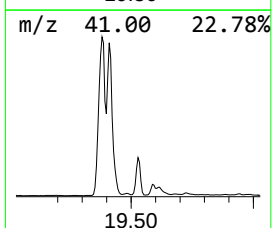
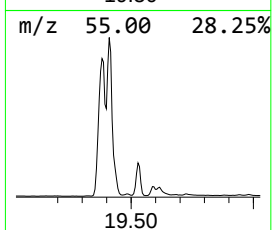
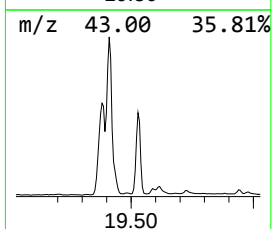
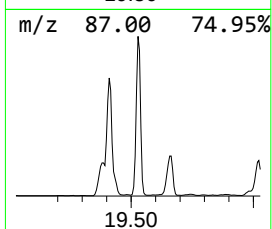
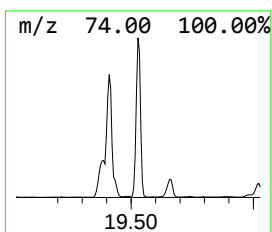
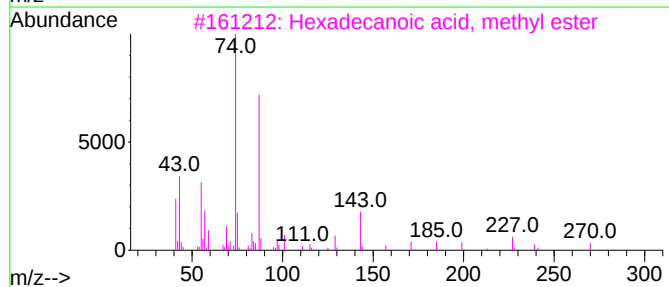
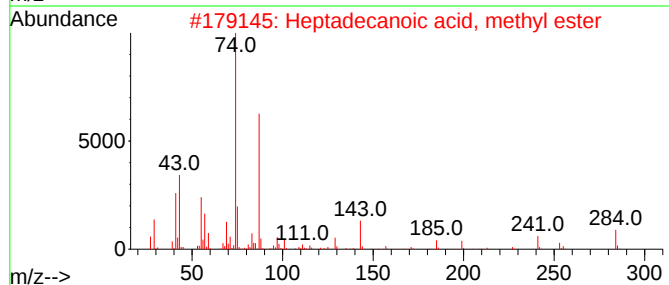
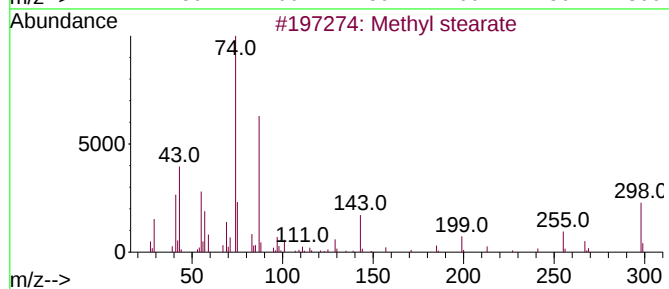
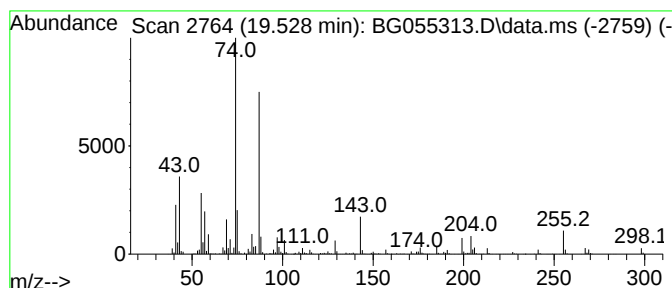
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.528	67.51 ng	2261600	Phenanthrene-d10	17.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

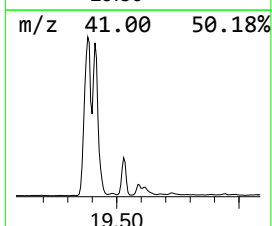
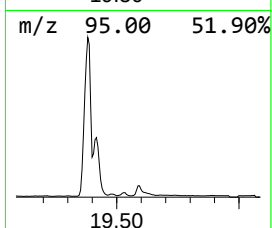
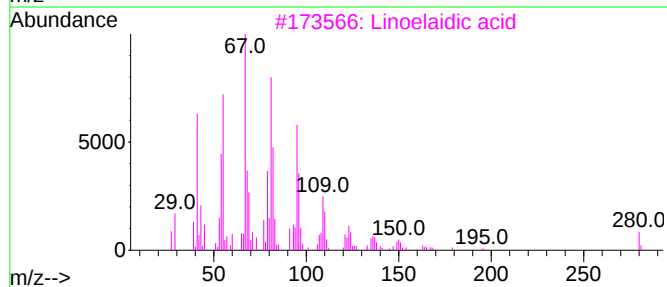
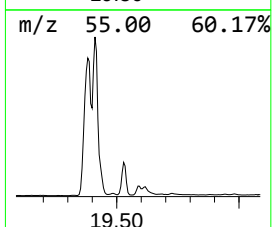
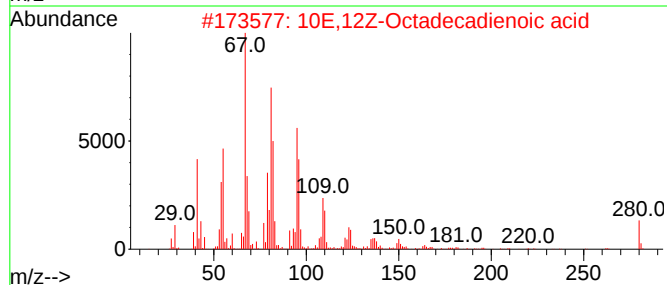
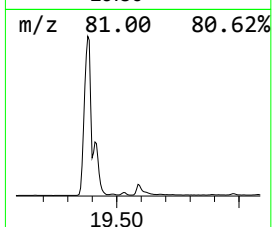
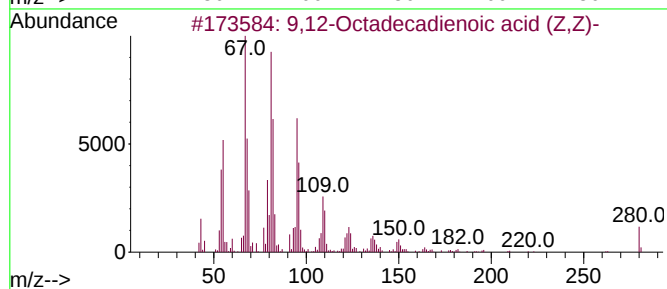
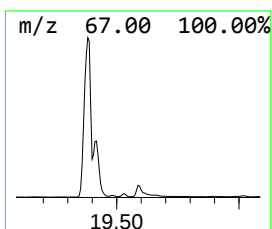
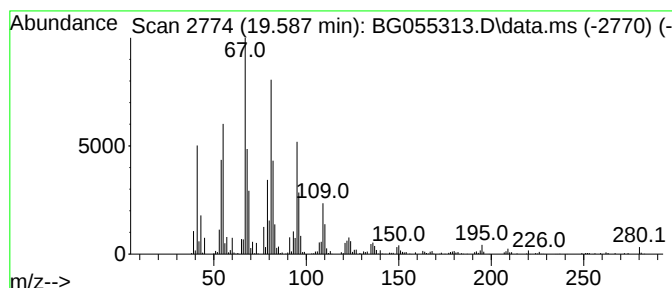
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.587	15.12 ng	506639	Phenanthrene-d10	17.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	96
3		Linoelaidic acid	280	C18H32O2	000506-21-8	95
4		(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	92
5		8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

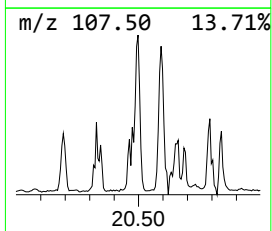
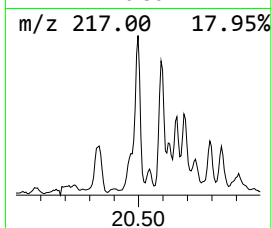
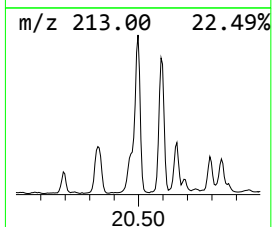
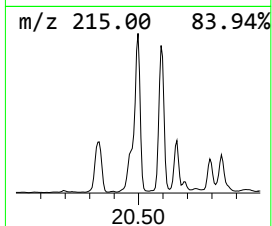
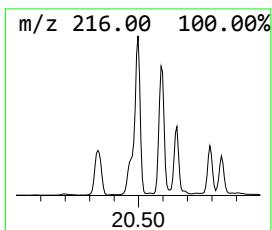
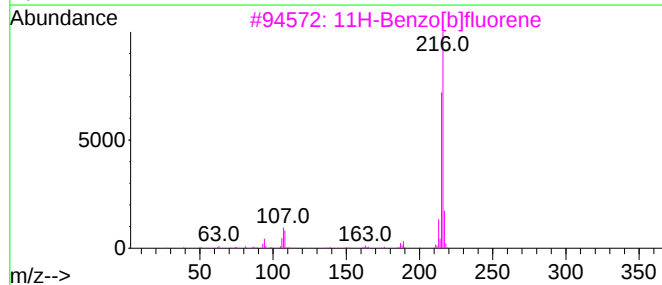
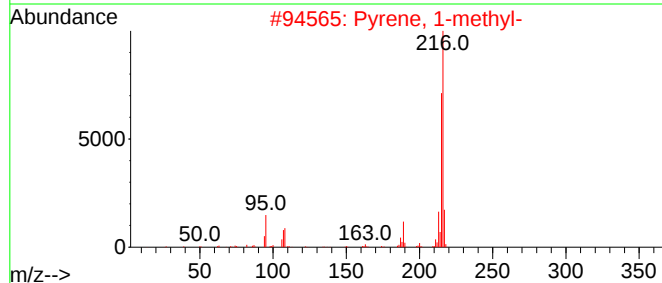
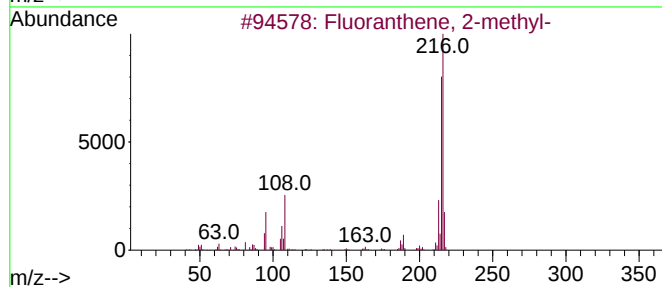
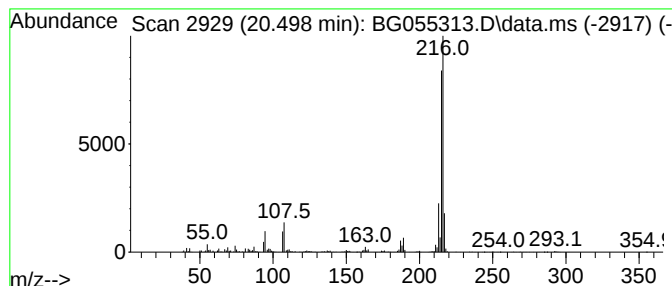
Instrument :
BNA_G
ClientSampleId :
2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.498	7.79 ng	1719870	Chrysene-d12	21.908	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

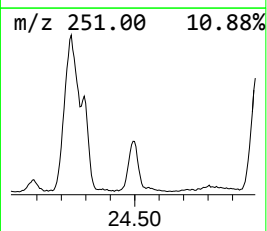
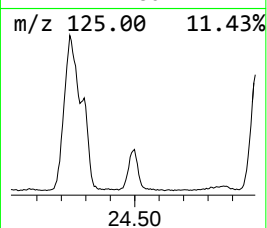
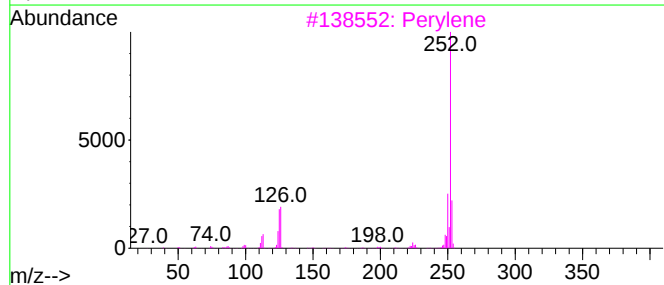
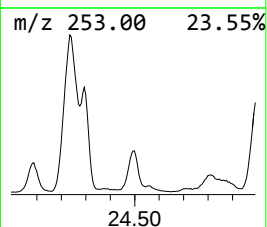
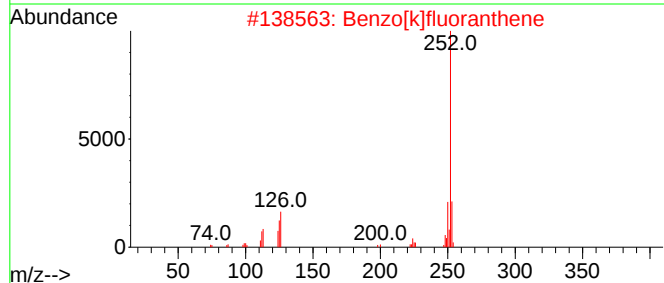
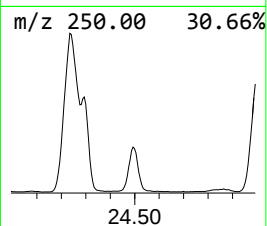
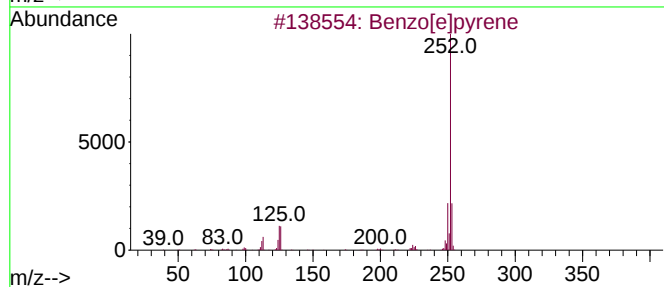
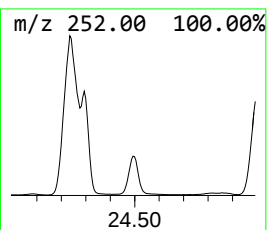
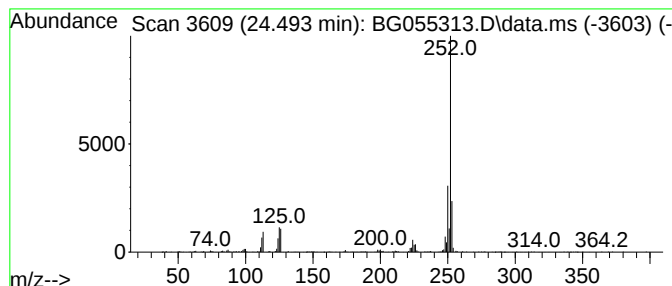
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.493	12.74 ng	676449	Perylene-d12	25.310

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	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

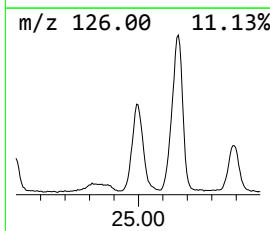
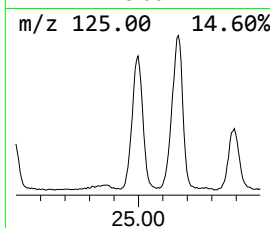
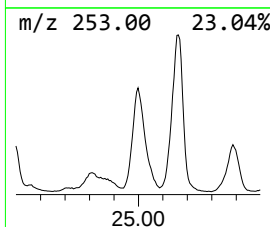
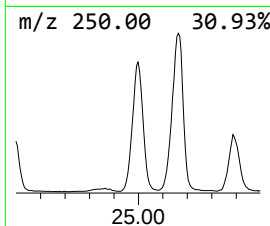
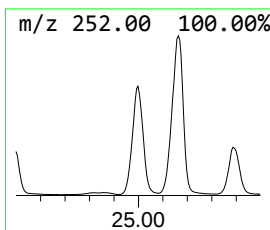
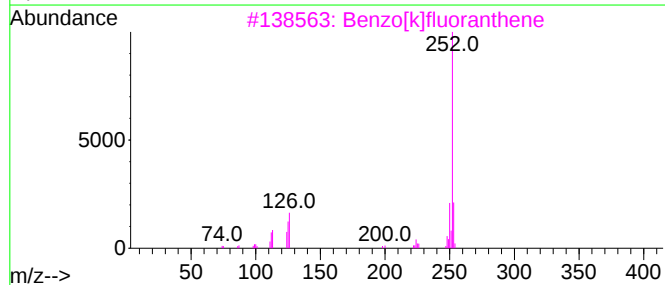
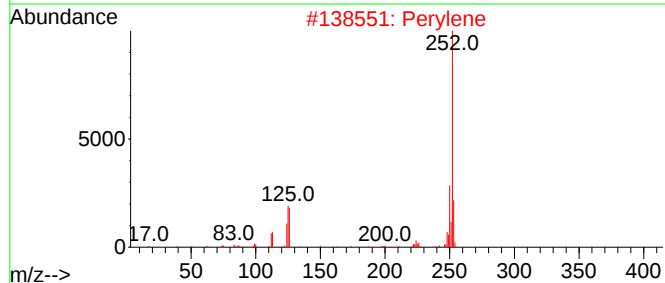
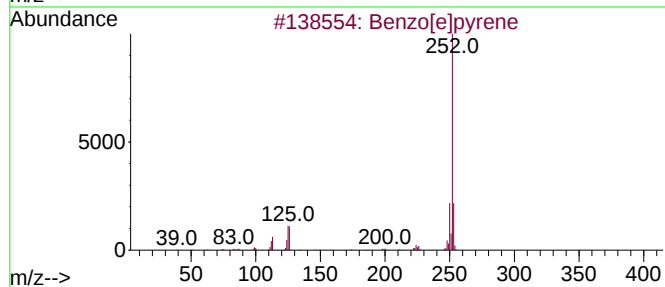
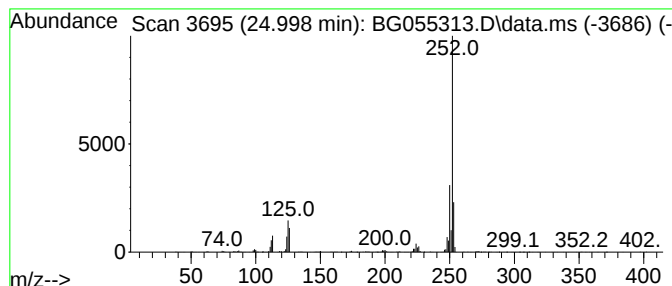
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.998	44.95 ng	2387400	Perylene-d12	25.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	97
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055313.D
Acq On : 27 Oct 2022 00:49
Operator : CG/JU
Sample : N5238-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2673

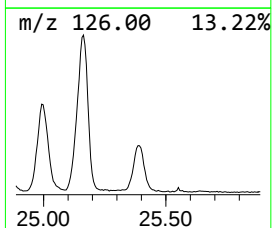
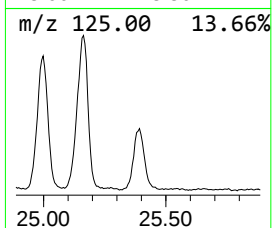
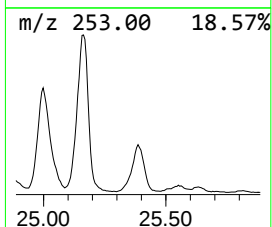
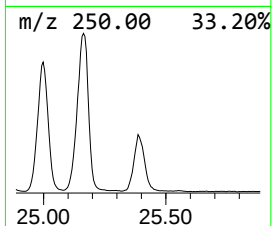
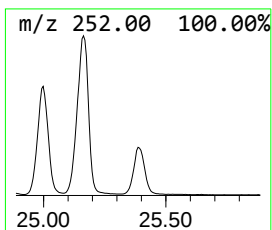
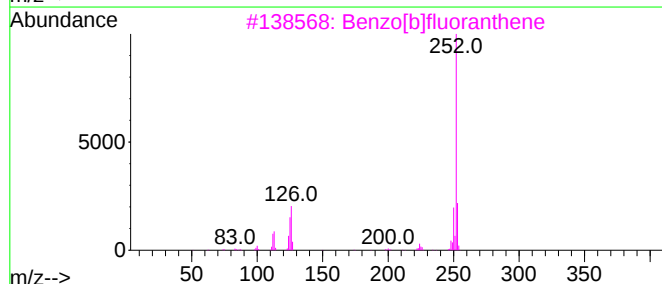
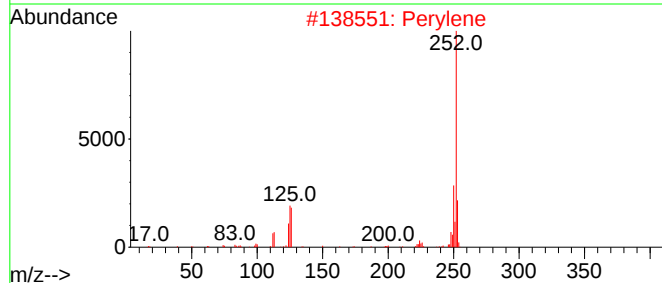
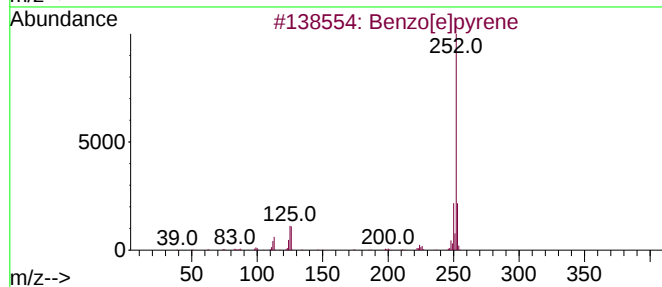
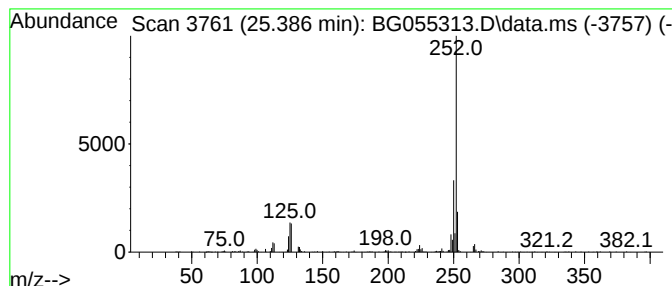
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown25.386 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.386	20.00 ng	1062130	Perylene-d12	25.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5			Benzo[a]pyrene	252	C20H12	000050-32-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055313.D
 Acq On : 27 Oct 2022 00:49
 Operator : CG/JU
 Sample : N5238-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2673

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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-...	5.310	11.0	ng	161358	1	8.271	294111	20.0
Naphthalene, 1,...	14.041	5.8	ng	158728	3	14.881	546543	20.0
Longifolene	14.158	10.9	ng	296983	3	14.881	546543	20.0
9H-Fluorene, 2-...	16.914	7.0	ng	233982	4	17.619	670045	20.0
Naphtho[2,1-b]t...	17.437	9.7	ng	323934	4	17.619	670045	20.0
Hexadecanoic ac...	18.247	96.0	ng	3217390	4	17.619	670045	20.0
Phenanthrene, 2...	18.483	28.6	ng	959521	4	17.619	670045	20.0
Phenanthrene, 1...	18.535	21.6	ng	723701	4	17.619	670045	20.0
1H-Cyclopropa[1...	18.612	7.5	ng	252436	4	17.619	670045	20.0
4H-Cyclopenta[d...	18.682	38.7	ng	1295760	4	17.619	670045	20.0
Naphthalene, 2-...	18.970	12.1	ng	404989	4	17.619	670045	20.0
9,10-Anthracene...	19.017	7.6	ng	253191	4	17.619	670045	20.0
9,12-Octadecadi...	19.381	392.9	ng	13161600	4	17.619	670045	20.0
9-Octadecenoic ...	19.411	255.0	ng	8541670	4	17.619	670045	20.0
Methyl stearate	19.528	67.5	ng	2261600	4	17.619	670045	20.0
9,12-Octadecadi...	19.587	15.1	ng	506639	4	17.619	670045	20.0
Fluoranthene, 2...	20.498	7.8	ng	1719870	5	21.908	4412820	20.0
Benzo[e]pyrene	24.493	12.7	ng	676449	6	25.310	1062130	20.0
Perylene	24.998	45.0	ng	2387400	6	25.310	1062130	20.0
unknown25.386	25.386	20.0	ng	1062130	6	25.310	1062130	20.0