

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061023.D
 Acq On : 24 Apr 2024 13:18
 Operator : MA/JU
 Sample : P2199-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE

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-BG042024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.168	24	30	41	rVB	26539	49599	1.93%	0.238%
2	5.535	425	433	444	rVB	476772	749134	29.08%	3.590%
3	7.116	693	702	709	rBV	495190	823184	31.96%	3.945%
4	7.944	835	843	849	rBV	110937	180632	7.01%	0.866%
5	9.096	1031	1039	1046	rBV	309632	546001	21.20%	2.617%
6	10.735	1310	1318	1325	rBV	137718	242510	9.42%	1.162%
7	13.197	1729	1737	1747	rBV	896674	1354687	52.59%	6.492%
8	14.572	1965	1971	1977	rVB	240721	362485	14.07%	1.737%
9	14.631	1977	1981	1988	rVB	25323	39455	1.53%	0.189%
10	14.789	2001	2008	2013	rBV5	11270	26912	1.04%	0.129%
11	15.618	2142	2149	2158	rVB	24191	36541	1.42%	0.175%
12	16.058	2217	2224	2233	rBV	898954	1369938	53.19%	6.565%
13	16.969	2374	2379	2388	rVB3	18273	28627	1.11%	0.137%
14	17.134	2404	2407	2413	rVB	19324	29330	1.14%	0.141%
15	17.322	2431	2439	2442	rBV	310627	499513	19.39%	2.394%
16	17.363	2442	2446	2452	rVV	393067	575117	22.33%	2.756%
17	17.451	2452	2461	2466	rVB	44530	72868	2.83%	0.349%
18	17.715	2496	2506	2511	rBV2	39229	89411	3.47%	0.428%
19	18.197	2583	2588	2589	rBV	63611	85184	3.31%	0.408%
20	18.221	2589	2592	2595	rVV	96893	131016	5.09%	0.628%
21	18.391	2614	2621	2624	rVV3	92750	173604	6.74%	0.832%
22	18.426	2624	2627	2633	rVB2	47406	67348	2.61%	0.323%
23	18.696	2668	2673	2675	rVV	50470	71806	2.79%	0.344%
24	18.732	2675	2679	2686	rVB2	81371	127201	4.94%	0.610%
25	19.114	2738	2744	2749	rBV	55904	92290	3.58%	0.442%
26	19.166	2749	2753	2757	rBV4	18738	33179	1.29%	0.159%
27	19.249	2762	2767	2775	rBV2	37162	65554	2.55%	0.314%
28	19.372	2780	2788	2794	rVB	901112	1271984	49.38%	6.096%
29	19.437	2795	2799	2802	rBV3	18091	27044	1.05%	0.130%
30	19.496	2806	2809	2812	rVB3	40310	46089	1.79%	0.221%
31	19.560	2817	2820	2826	rBV2	18879	30683	1.19%	0.147%
32	19.613	2826	2829	2833	rVB2	25941	33012	1.28%	0.158%
33	19.736	2839	2850	2857	rBV	735429	1282123	49.78%	6.144%
34	19.807	2857	2862	2867	rVB2	38629	65892	2.56%	0.316%
35	19.942	2875	2885	2896	rVB	1915375	2575730	100.00%	12.344%
36	20.060	2899	2905	2911	rBV4	55590	146981	5.71%	0.704%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061023.D
 Acq On : 24 Apr 2024 13:18
 Operator : MA/JU
 Sample : P2199-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE

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-BG042024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.195	2924	2928	2930	rBV4	32957	52407	2.03%	0.251%
38	20.230	2930	2934	2938	rVB	123943	174297	6.77%	0.835%
39	20.330	2946	2951	2955	rBV	91351	126725	4.92%	0.607%
40	20.389	2955	2961	2964	rVV3	76924	133424	5.18%	0.639%
41	20.424	2964	2967	2971	rVB	38580	45735	1.78%	0.219%
42	20.524	2981	2984	2988	rBV	41342	50904	1.98%	0.244%
43	20.571	2988	2992	2996	rVB2	43116	60144	2.34%	0.288%
44	20.688	3009	3012	3016	rVB6	20226	31204	1.21%	0.150%
45	20.947	3051	3056	3058	rBV5	17695	33003	1.28%	0.158%
46	20.982	3058	3062	3069	rVB	68971	123179	4.78%	0.590%
47	21.164	3086	3093	3097	rBV2	78396	151152	5.87%	0.724%
48	21.205	3097	3100	3104	rVV	69888	105980	4.11%	0.508%
49	21.252	3104	3108	3113	rVV2	135218	247858	9.62%	1.188%
50	21.311	3113	3118	3127	rVB2	79385	156483	6.08%	0.750%
51	21.440	3133	3140	3146	rBV	24714	58484	2.27%	0.280%
52	21.570	3150	3162	3168	rVV3	515858	1417842	55.05%	6.795%
53	21.622	3168	3171	3180	rVB	356381	579433	22.50%	2.777%
54	21.769	3192	3196	3203	rBV3	55575	105639	4.10%	0.506%
55	21.975	3226	3231	3236	rBV3	46740	90994	3.53%	0.436%
56	22.216	3269	3272	3276	rBV3	18099	28999	1.13%	0.139%
57	22.292	3278	3285	3291	rVB	62855	136301	5.29%	0.653%
58	22.363	3293	3297	3305	rBV3	47886	104378	4.05%	0.500%
59	22.492	3317	3319	3325	rVB4	20348	28177	1.09%	0.135%
60	22.557	3326	3330	3333	rVV3	36179	62199	2.41%	0.298%
61	22.604	3334	3338	3347	rVB4	46821	97491	3.78%	0.467%
62	22.698	3347	3354	3361	rBV7	25886	67962	2.64%	0.326%
63	23.720	3519	3528	3535	rBV	248022	829604	32.21%	3.976%
64	23.967	3565	3570	3578	rVB	41957	96167	3.73%	0.461%
65	24.161	3599	3603	3604	rBV4	20952	26063	1.01%	0.125%
66	24.419	3639	3647	3660	rVB	148408	447891	17.39%	2.146%
67	24.560	3661	3671	3680	rBV	206107	570750	22.16%	2.735%
68	24.707	3686	3696	3704	rBV	236300	669768	26.00%	3.210%
69	24.778	3705	3708	3716	rVB2	51320	120077	4.66%	0.575%
70	25.900	3892	3899	3903	rVB8	11406	27268	1.06%	0.131%
71	28.244	4288	4298	4317	rBV3	69085	330652	12.84%	1.585%
72	29.343	4477	4485	4486	rBV2	37628	75206	2.92%	0.360%

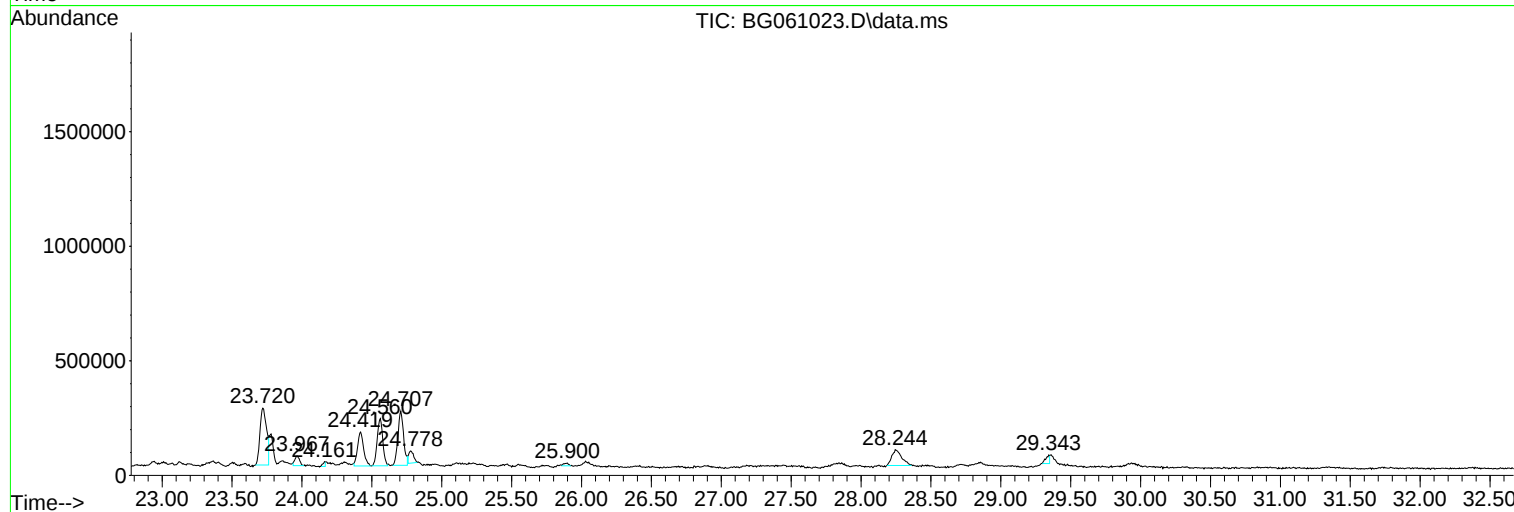
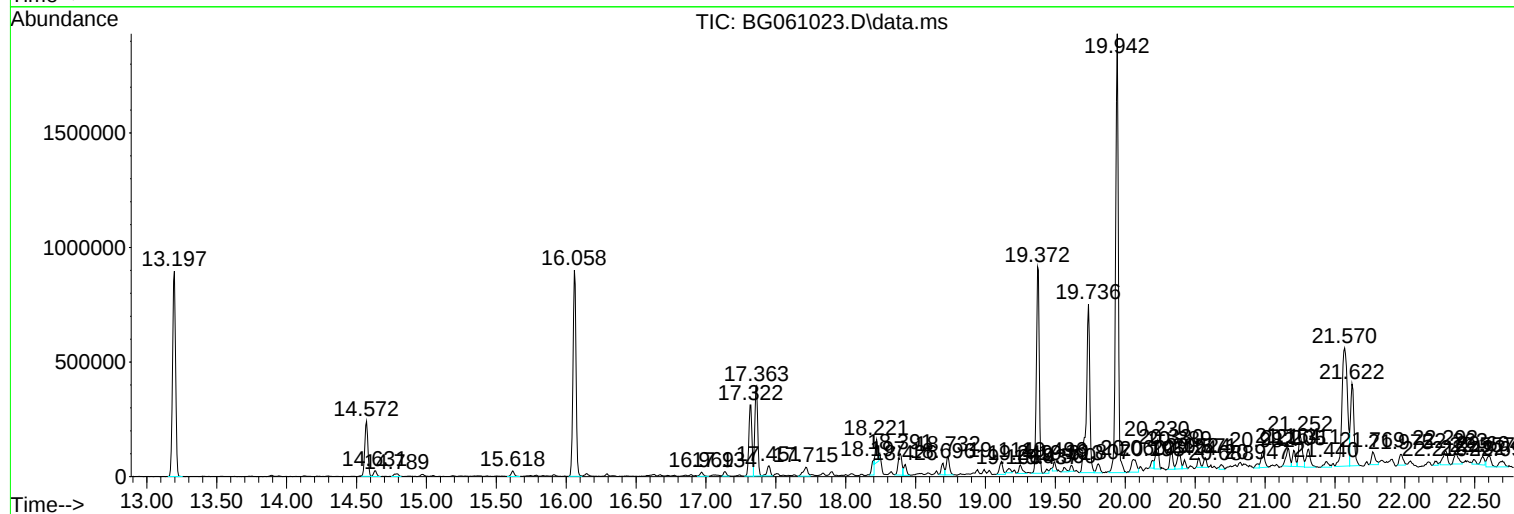
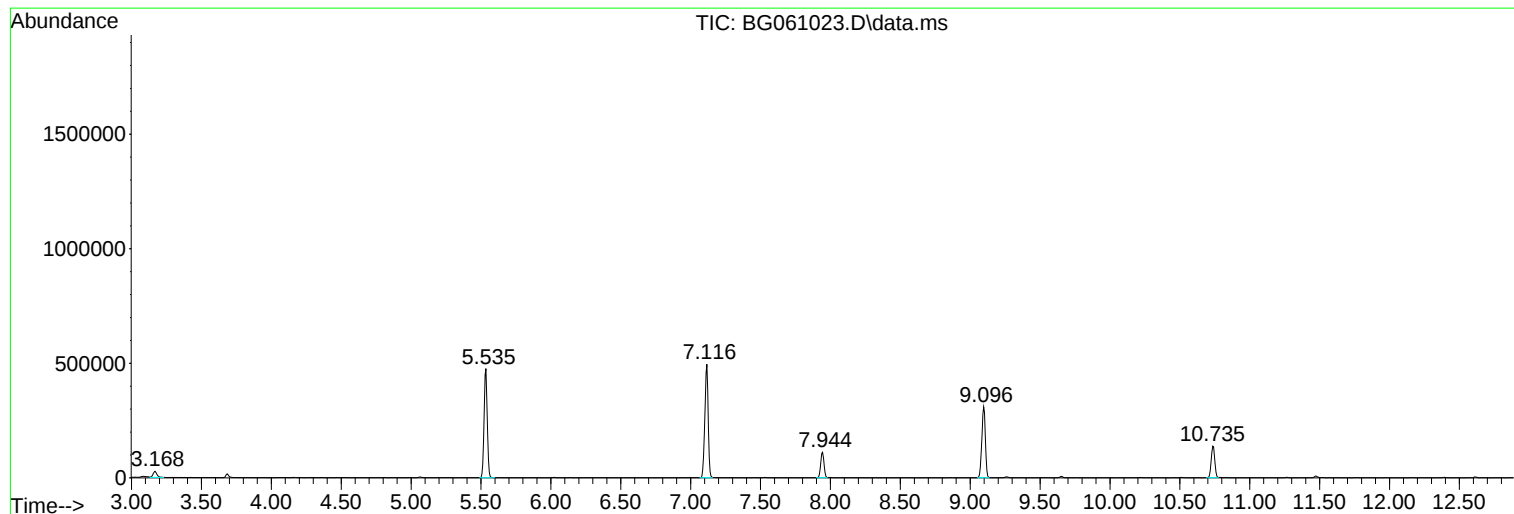
Sum of corrected areas: 20866504

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

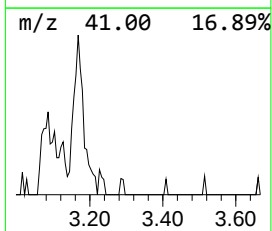
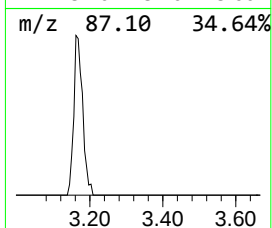
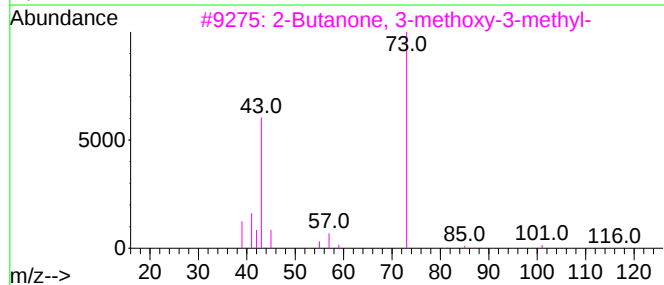
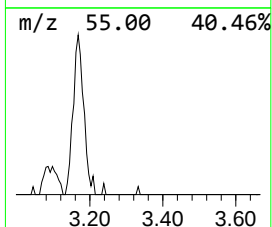
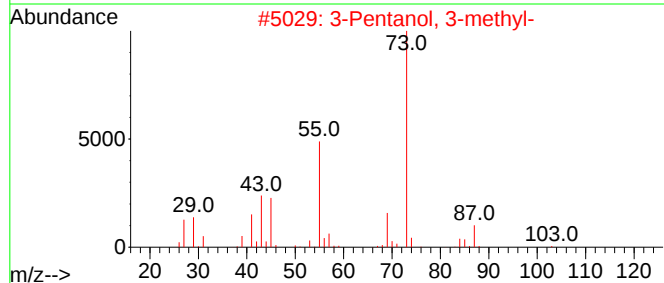
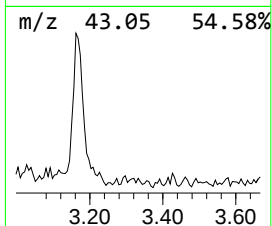
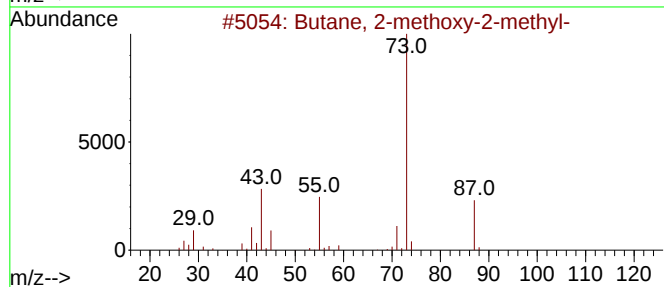
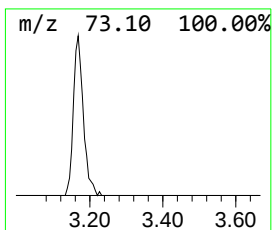
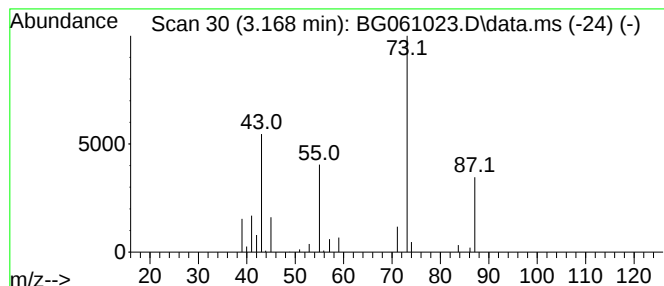
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.168	5.49 ng	49599	1,4-Dichlorobenzene-d4	7.944

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3			2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	17
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	9
5			Hexane, 1-fluoro-	104	C6H13F	000373-14-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

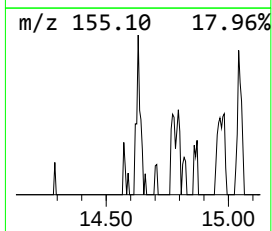
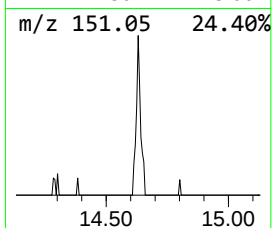
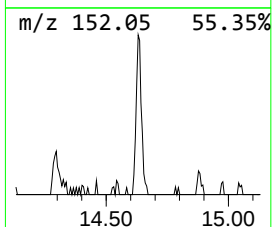
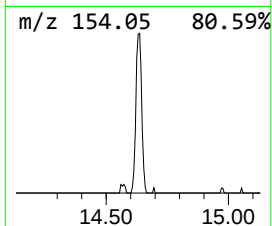
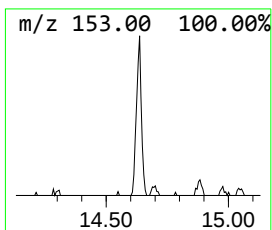
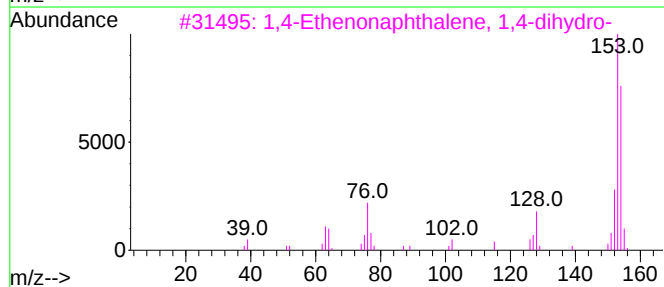
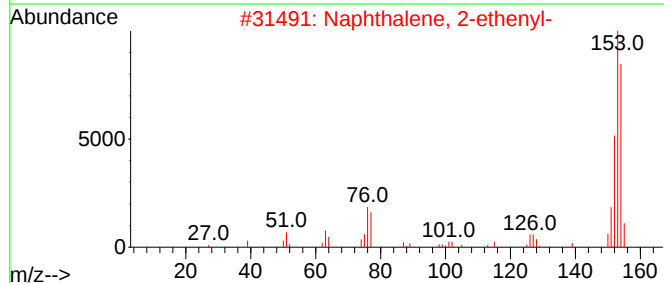
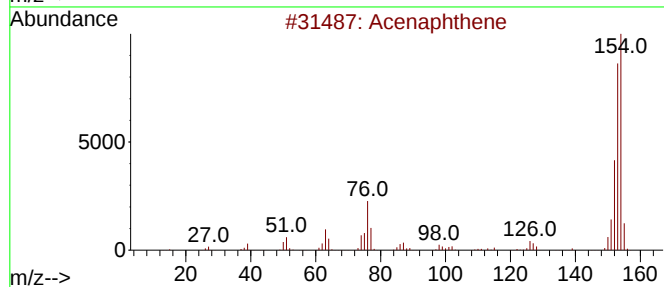
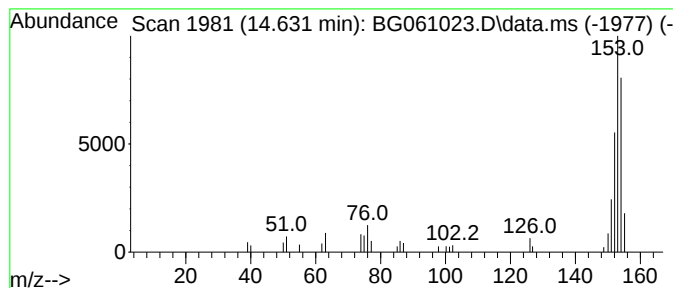
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2-ethenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.631	2.18 ng	39455	Acenaphthene-d10	14.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	64
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	58
4			Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	58
5			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

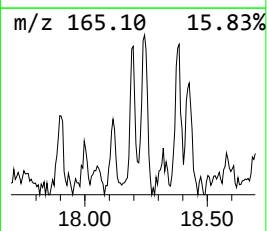
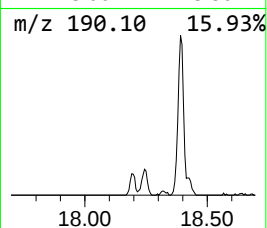
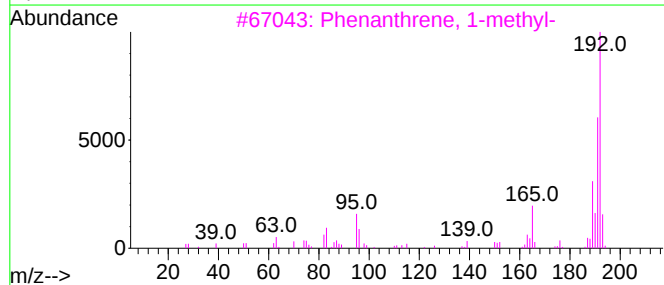
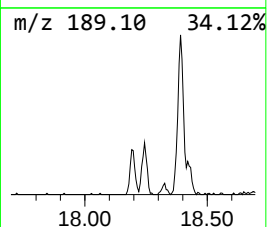
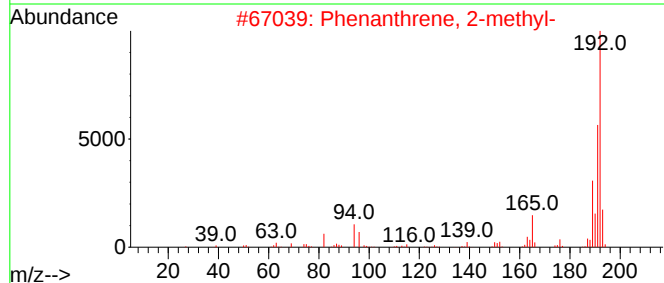
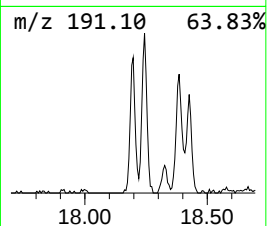
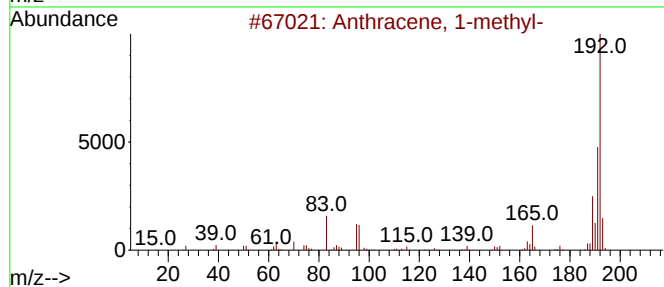
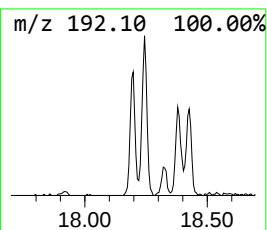
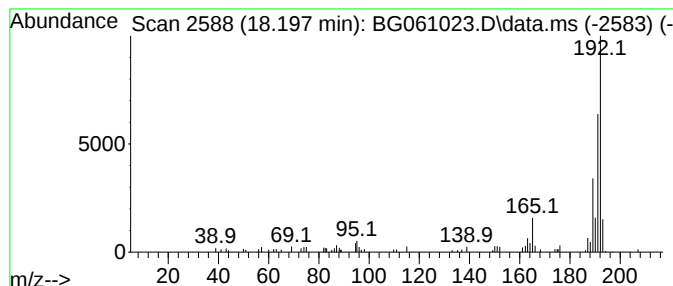
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.197	3.41 ng	85184	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

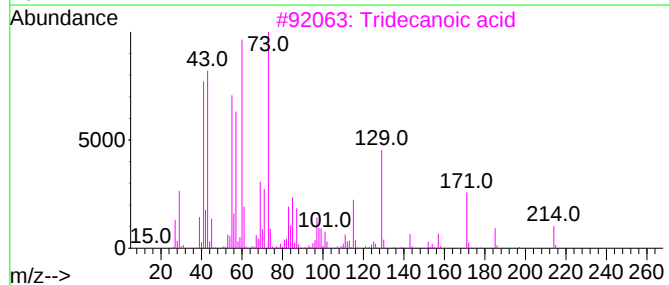
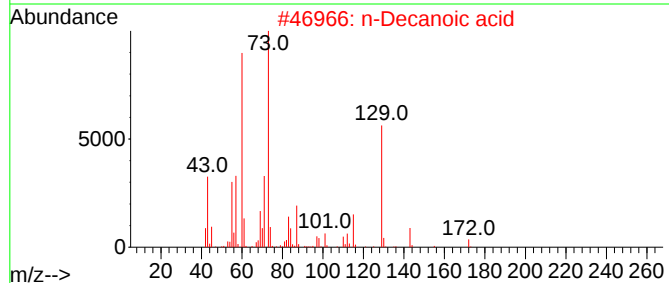
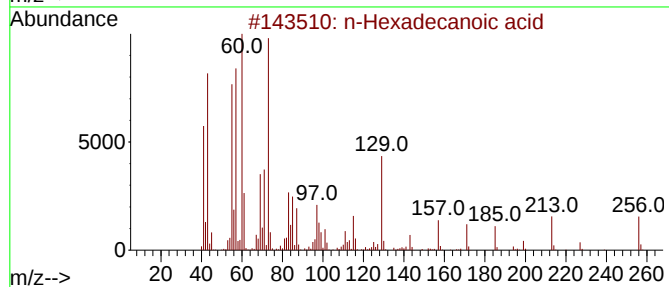
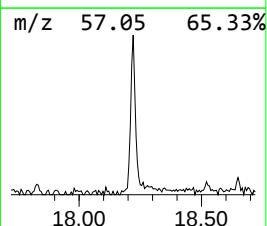
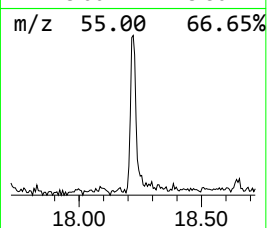
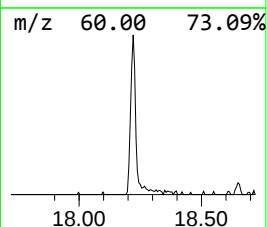
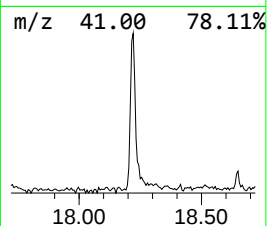
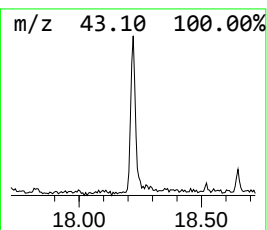
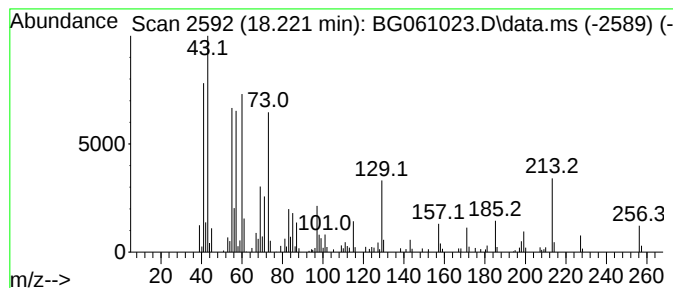
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	5.25 ng	131016	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	55
3			Tridecanoic acid	214	C13H26O2	000638-53-9	55
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

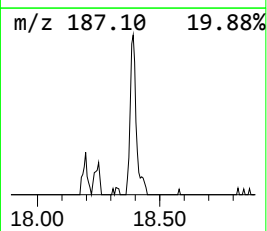
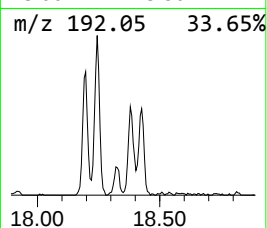
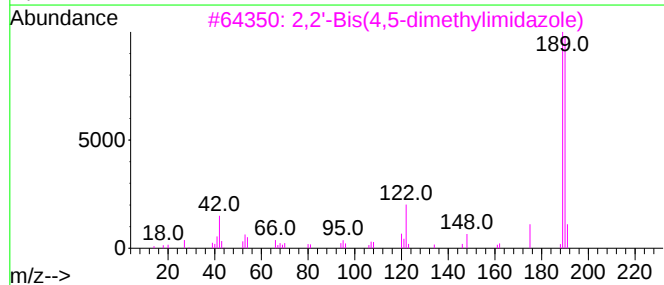
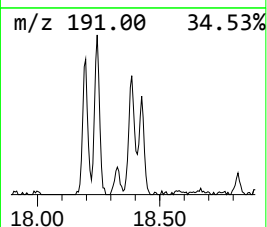
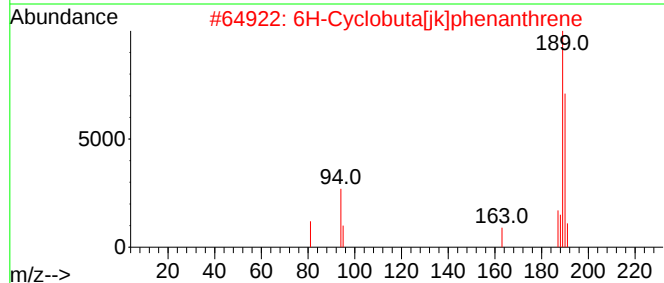
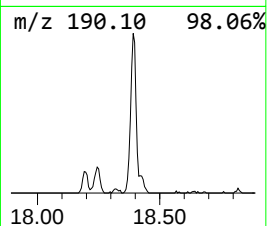
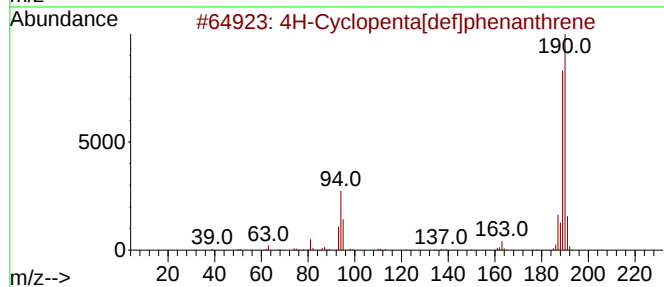
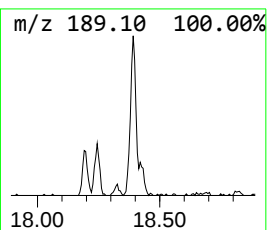
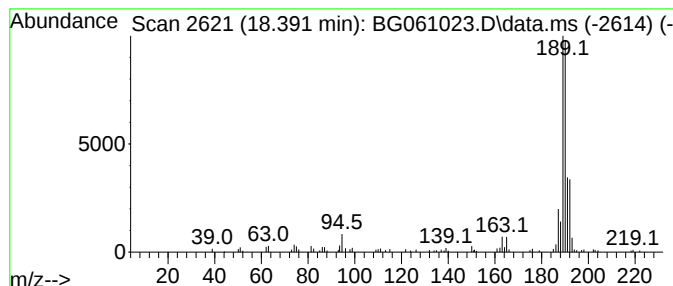
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.391	6.95 ng	173604	Phenanthrene-d10		17.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...		190	C4H3BrN2O2	000051-20-7	35
5	Cyclohexanone, 2-(2-furanylmethy...		190	C12H14O2	056053-07-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

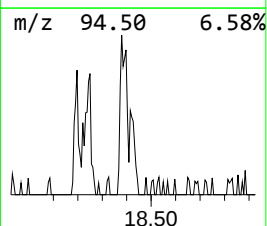
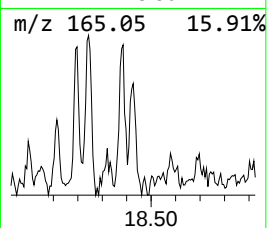
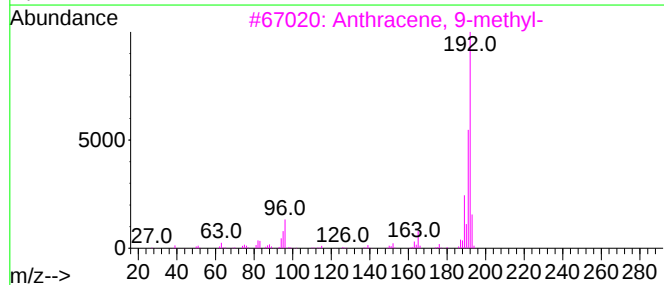
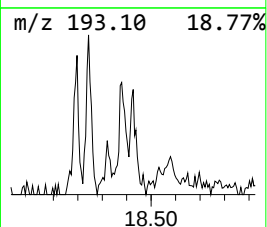
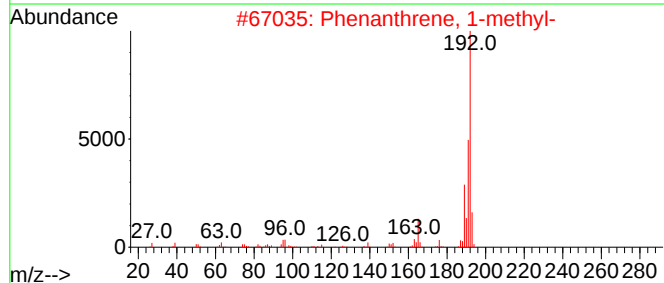
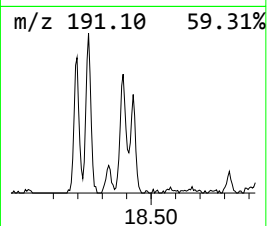
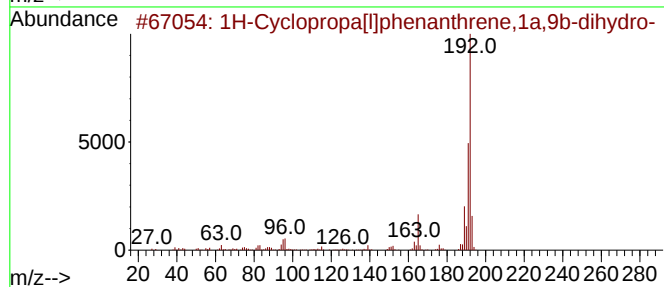
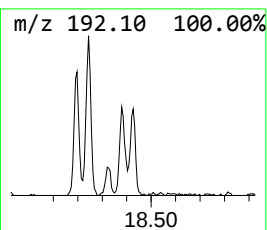
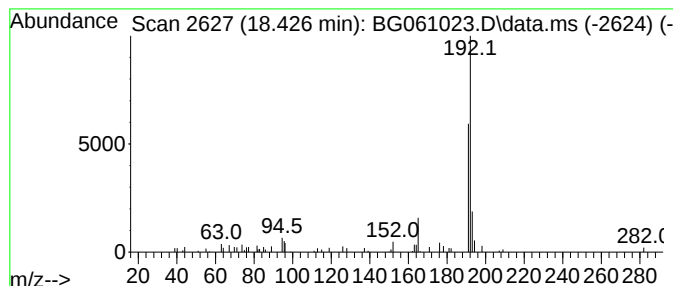
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.426	2.70 ng	67348	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

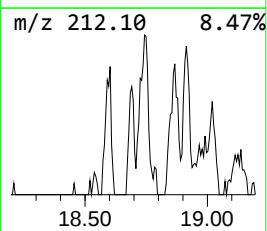
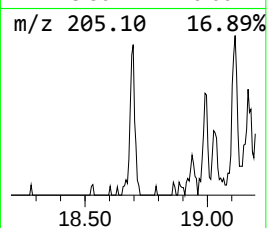
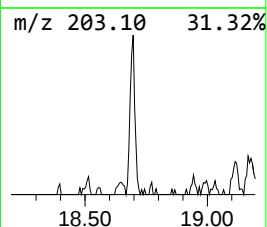
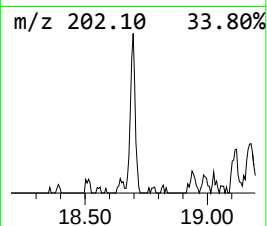
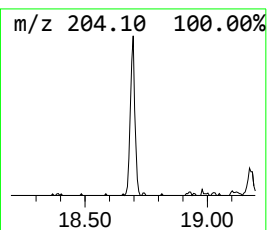
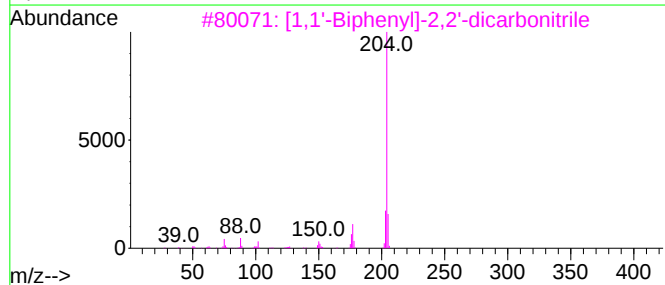
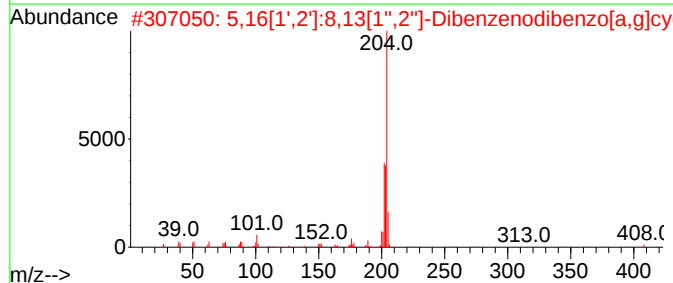
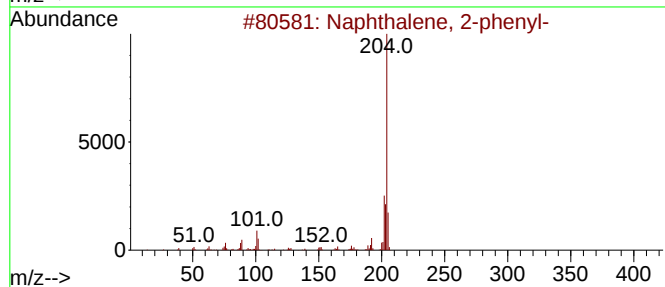
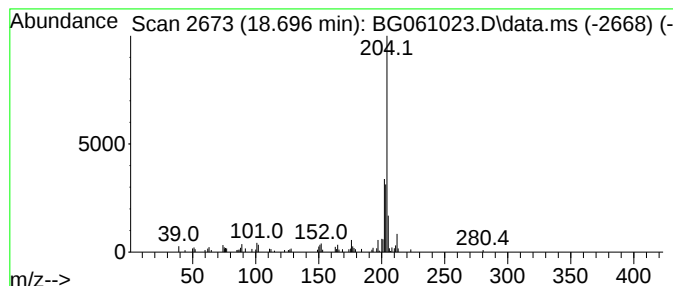
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.697	2.88 ng	71806	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

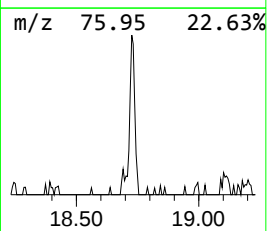
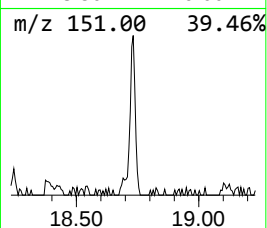
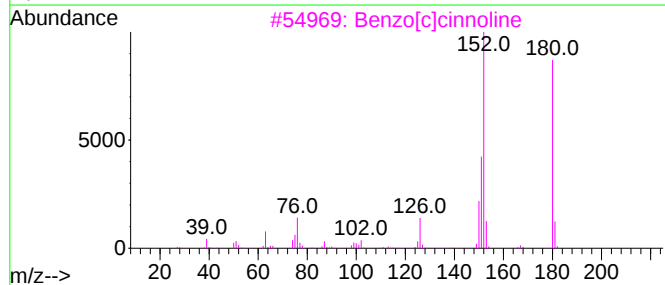
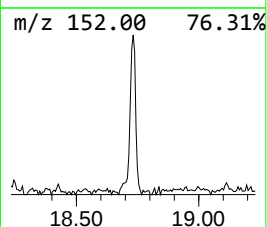
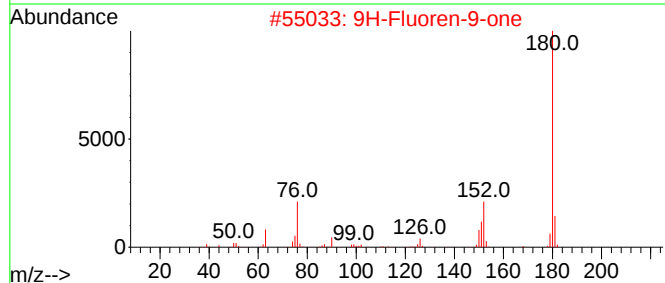
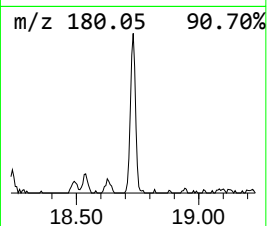
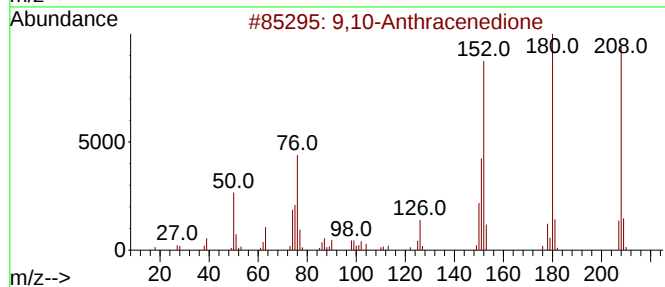
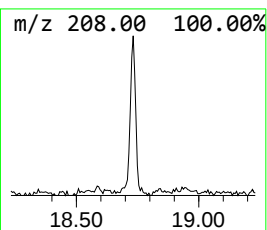
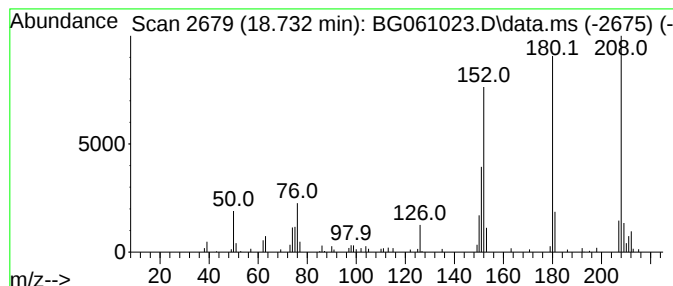
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.732	5.09 ng	127201	Phenanthrene-d10	17.322

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		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

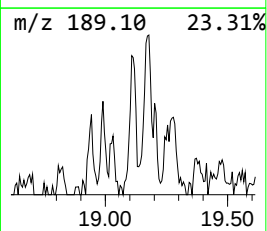
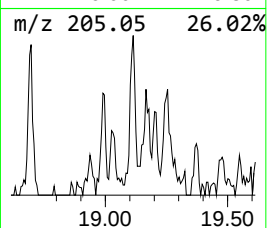
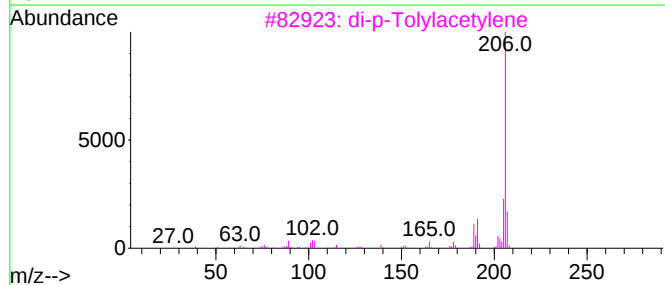
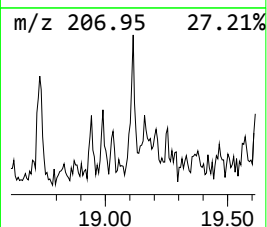
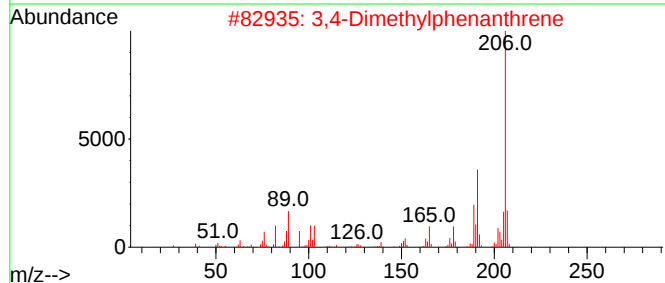
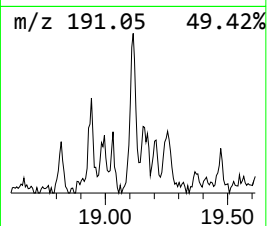
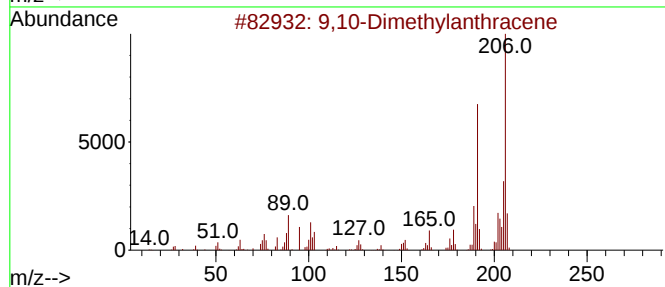
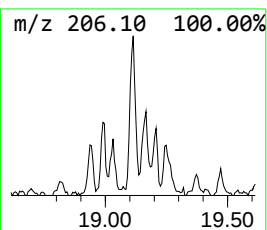
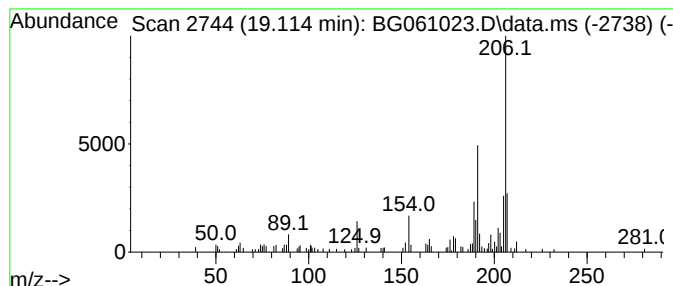
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.114	3.70 ng	92290	Phenanthrene-d10	17.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
2		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	81
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

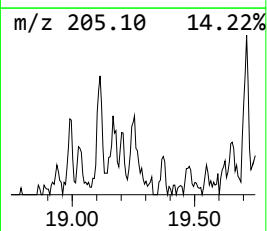
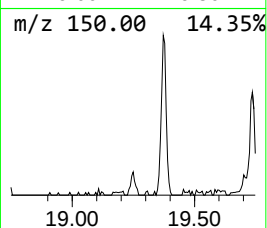
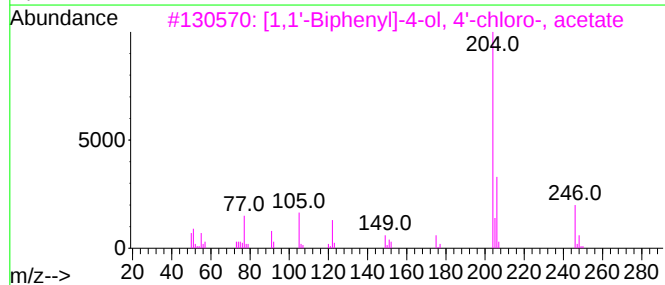
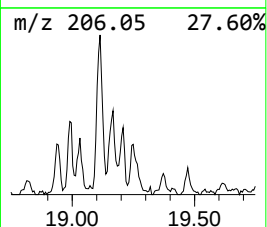
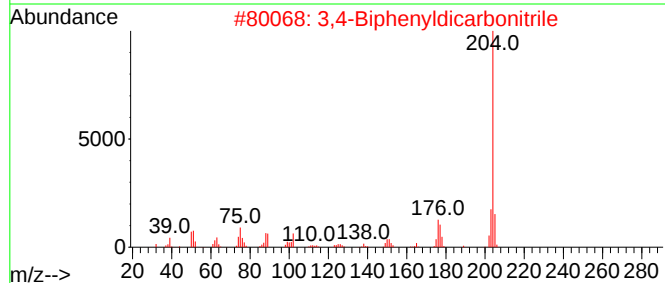
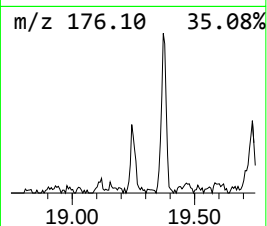
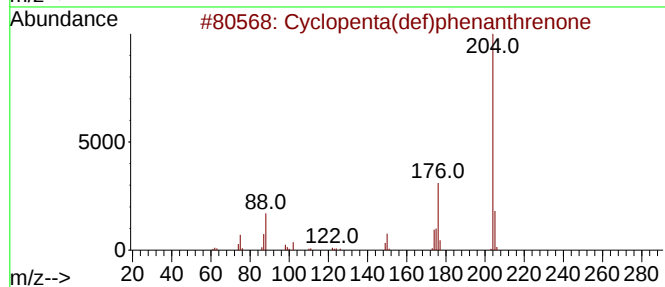
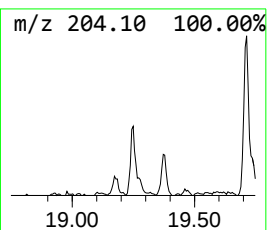
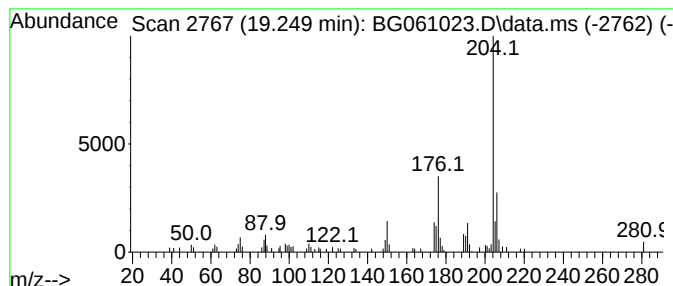
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.249	2.62 ng	65554	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-...	246	C14H11ClO2	057396-87-9	50
4			Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	49
5			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

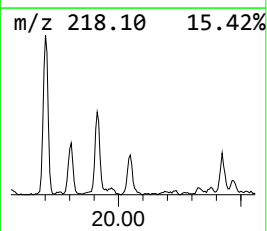
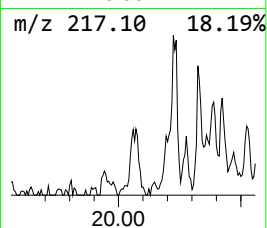
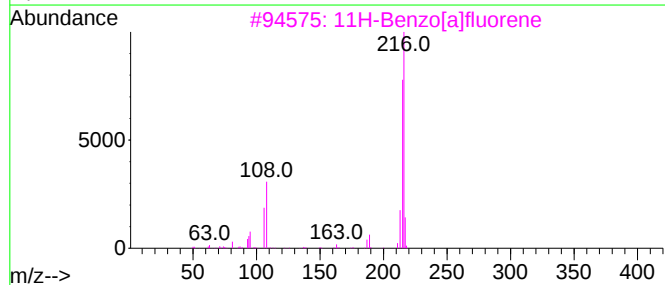
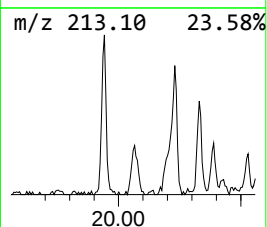
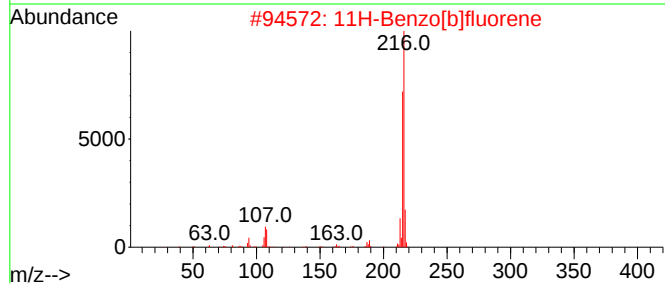
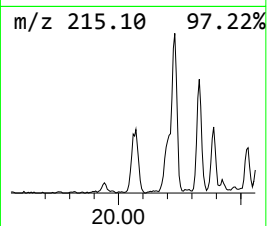
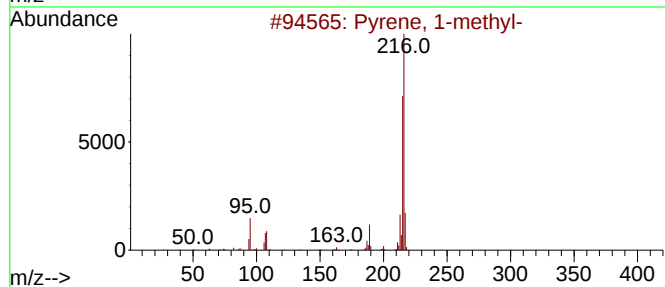
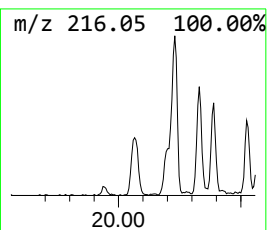
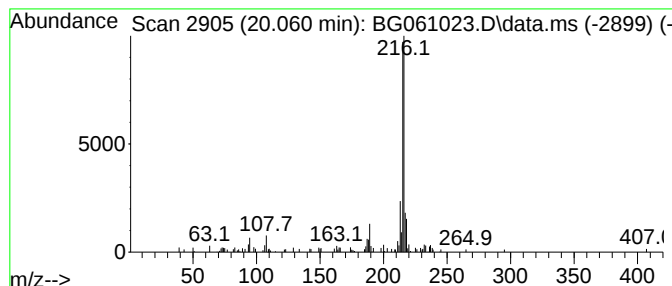
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.060	2.07 ng	146981	Chrysene-d12	21.581

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

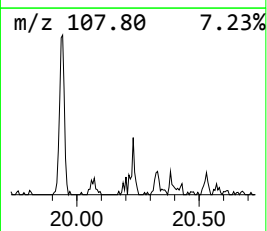
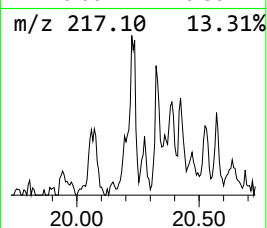
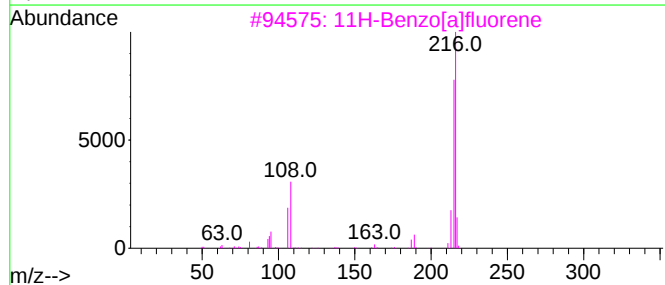
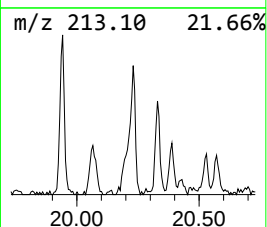
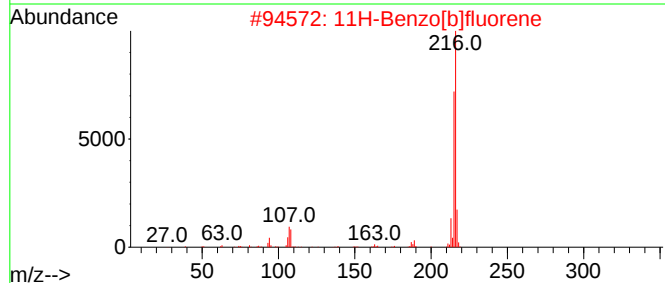
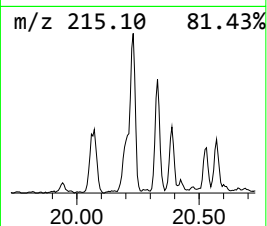
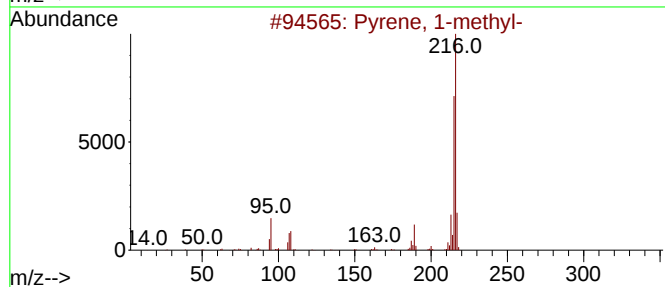
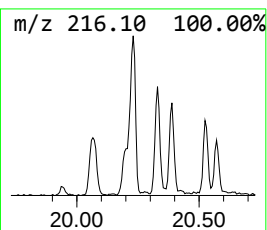
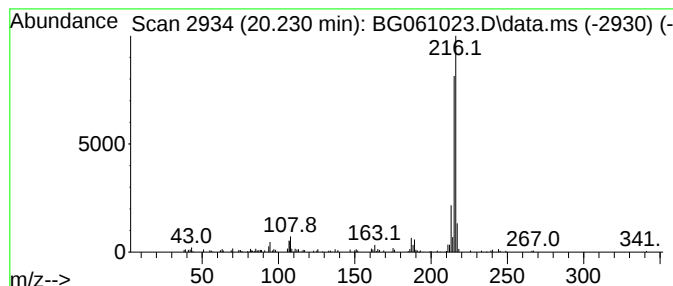
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.230	2.46 ng	174297	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

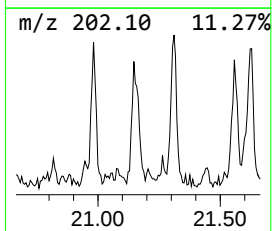
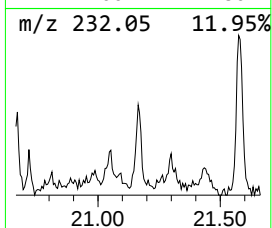
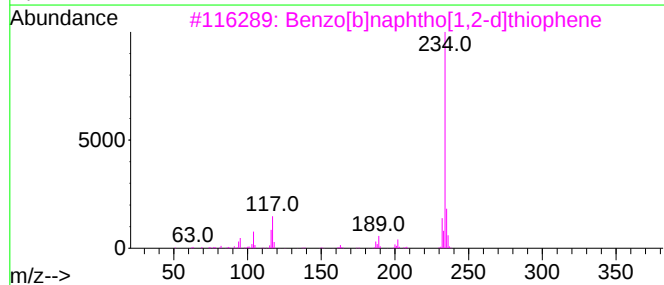
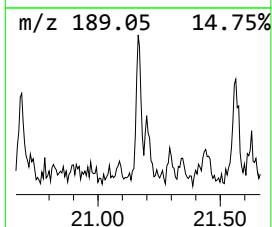
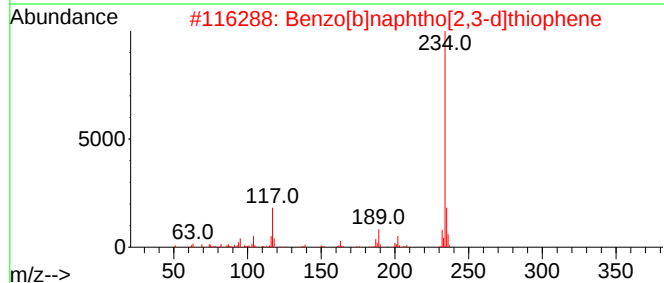
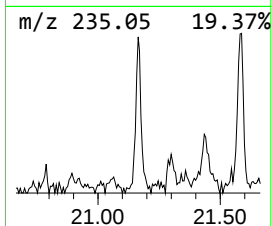
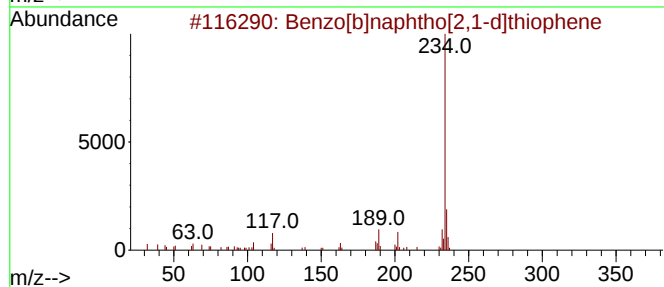
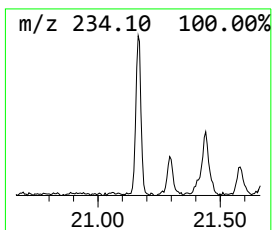
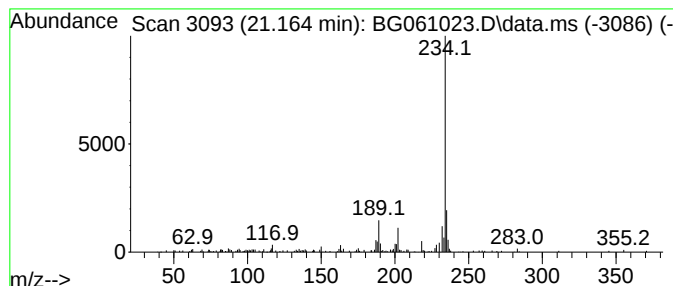
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.164	2.13 ng	151152	Chrysene-d12		21.581	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene		234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene		234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[1,2-d]thiophene		234	C16H10S	000205-43-6	87
4	Phenanthro(2,1-b)thiophene		234	C16H10S	000219-25-0	81
5	Anthra(2,3-b)thiophene		234	C16H10S	022108-55-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

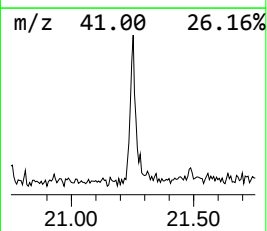
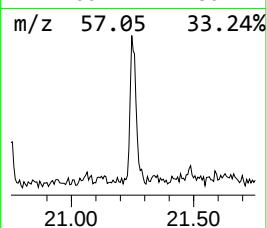
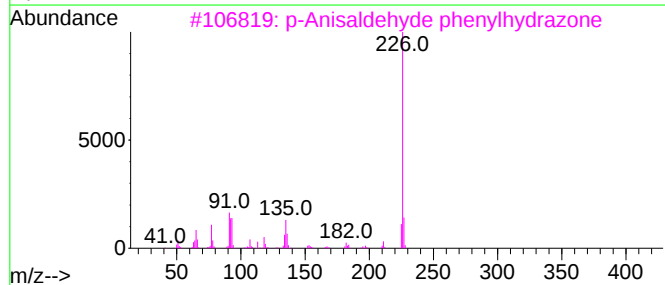
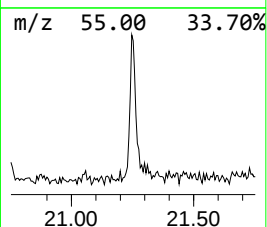
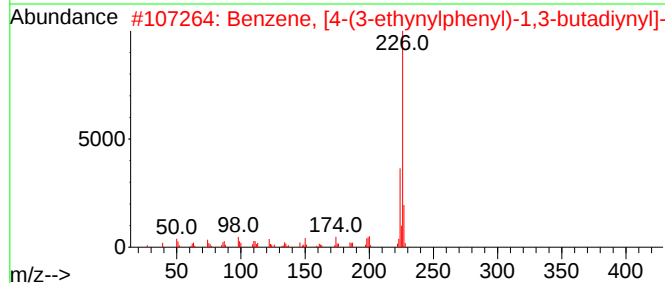
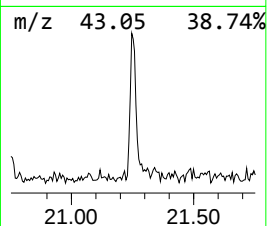
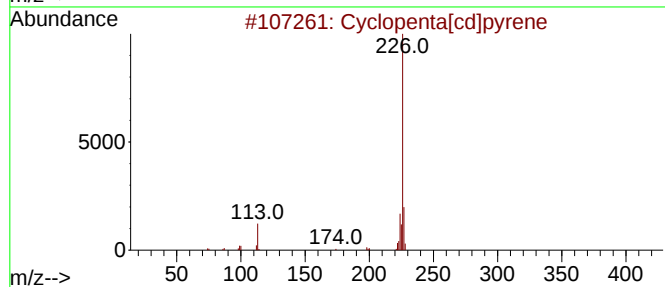
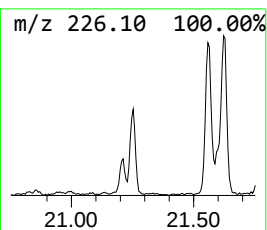
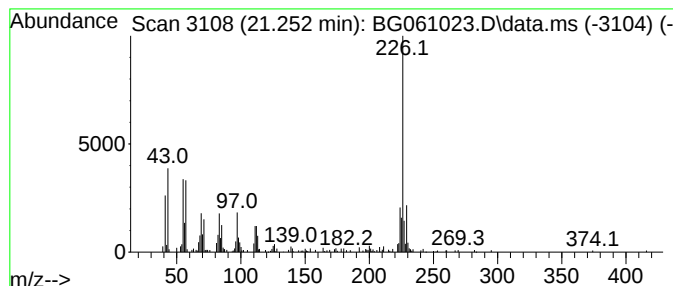
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown21.252 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.252	3.50 ng	247858	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
3			p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	43
4			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	43
5			Carbonic acid, monoamide, N-(2-p...	269	C16H31NO2	1000490-01-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

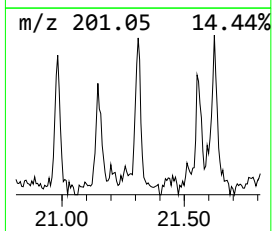
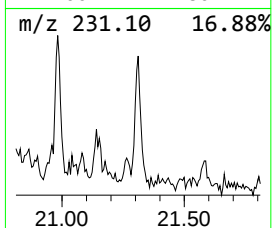
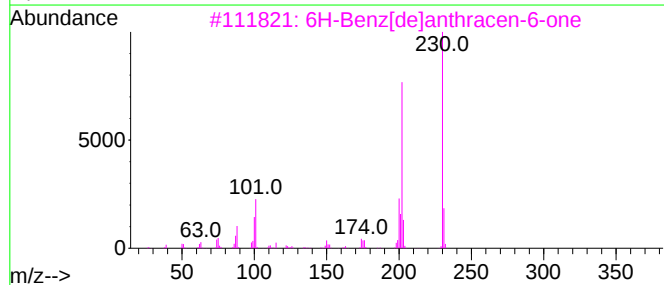
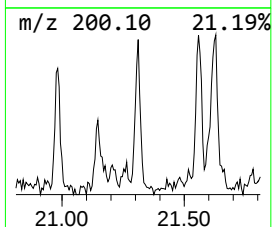
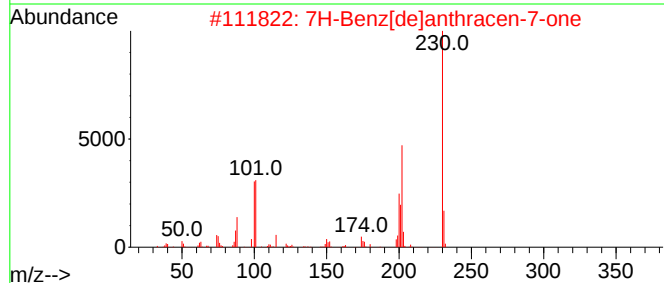
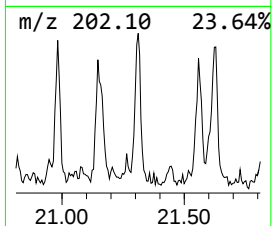
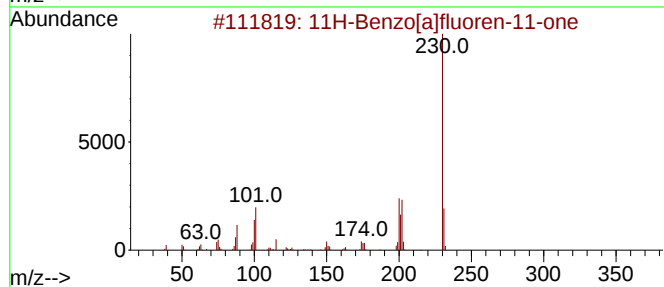
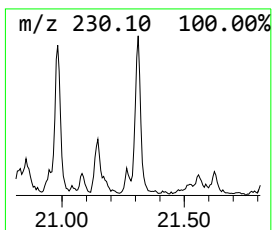
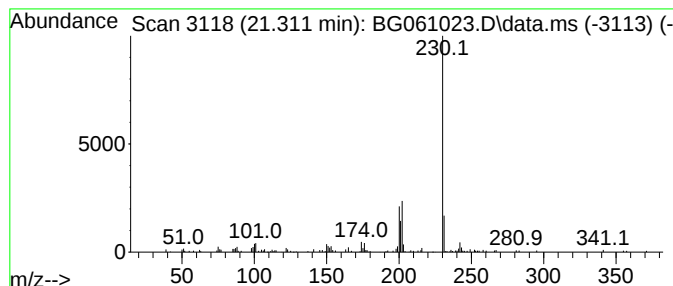
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.311	2.21 ng	156483	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4			5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	50
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

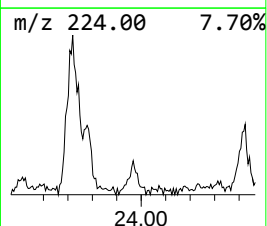
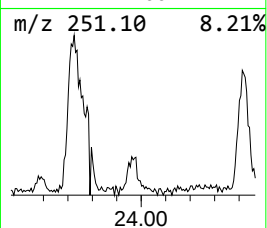
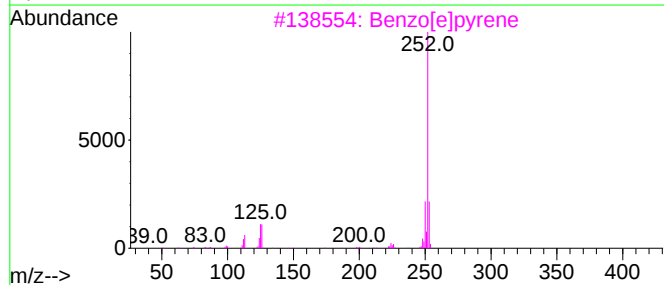
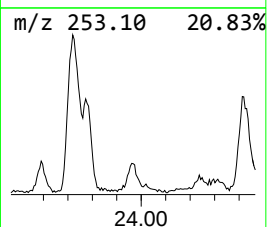
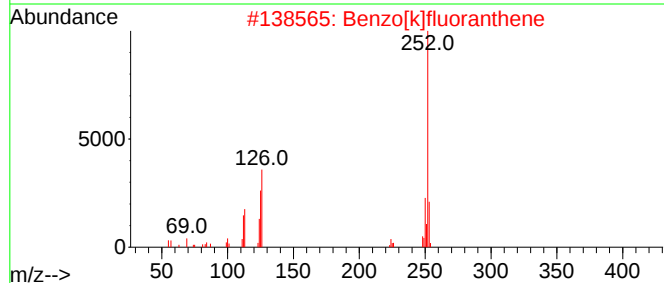
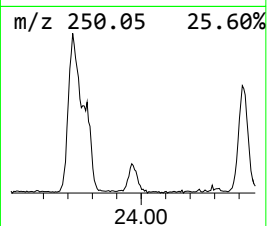
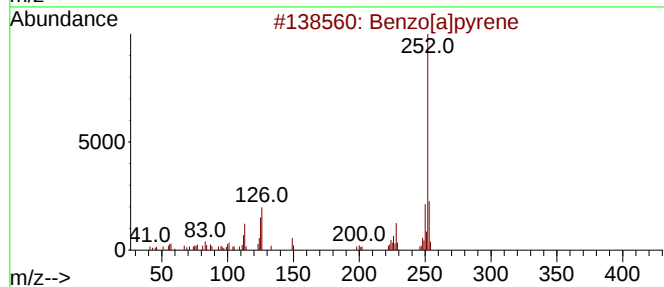
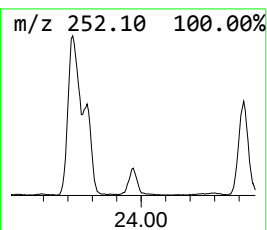
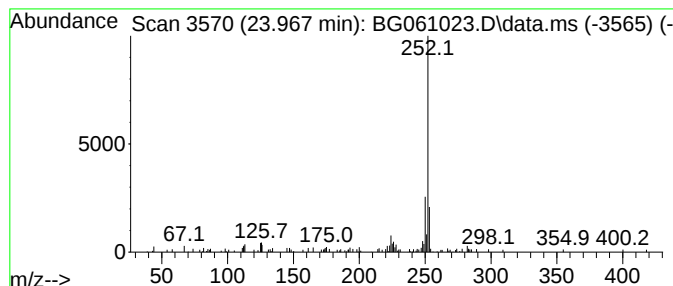
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.967	2.87 ng	96167	Perylene-d12	24.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	76
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
3			Benzo[e]pyrene	252	C20H12	000192-97-2	72
4			Perylene	252	C20H12	000198-55-0	72
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

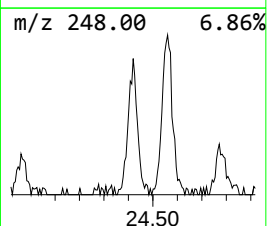
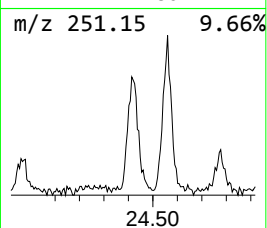
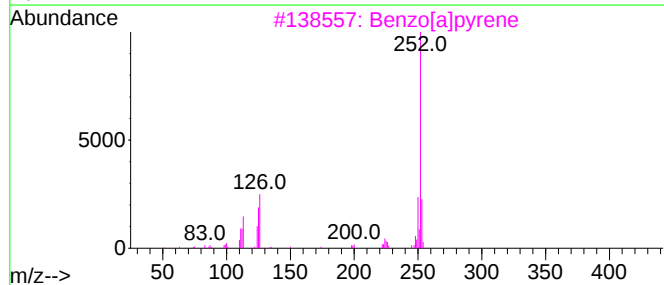
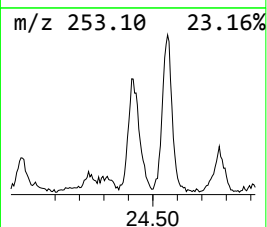
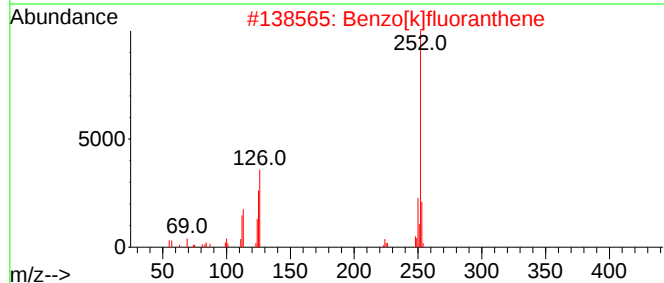
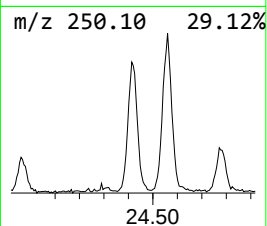
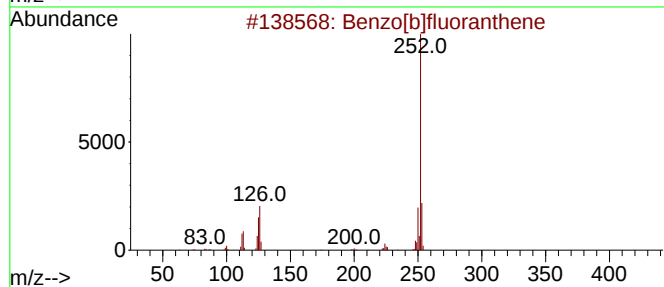
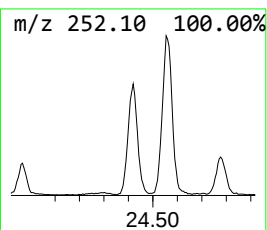
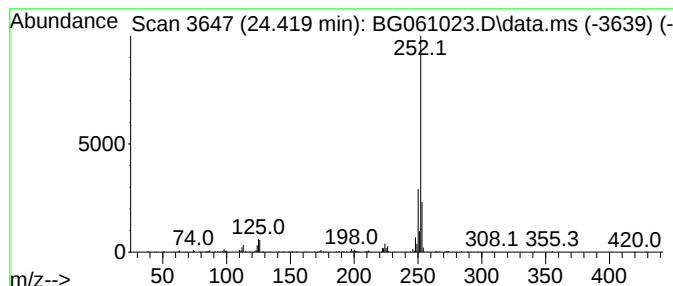
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.419	13.37 ng	447891	Perylene-d12	24.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Perylene	252	C20H12	000198-55-0	89
5			Benzo[e]pyrene	252	C20H12	000192-97-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

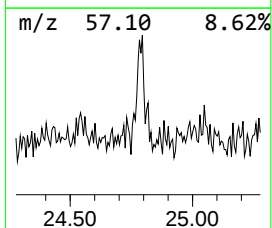
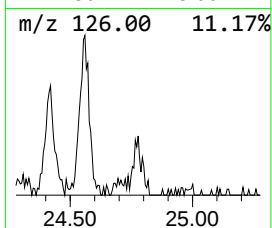
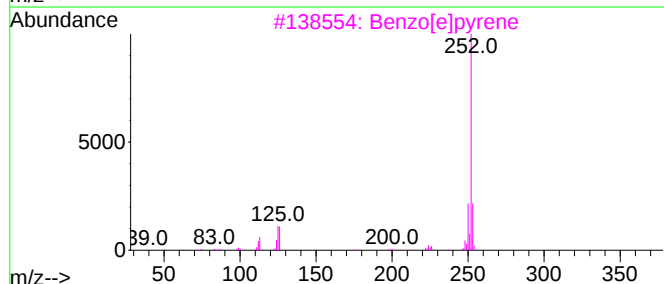
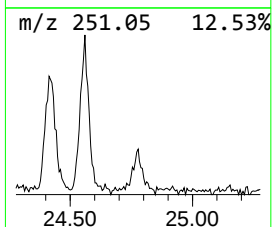
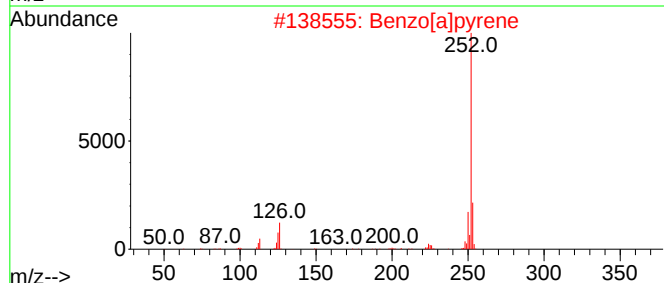
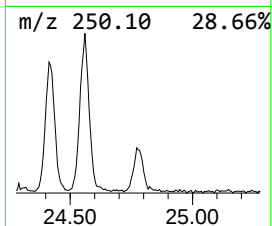
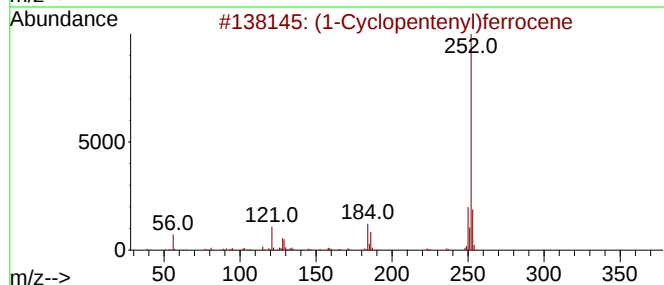
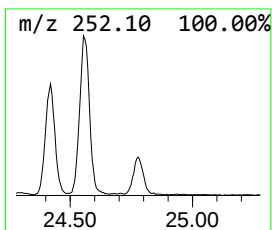
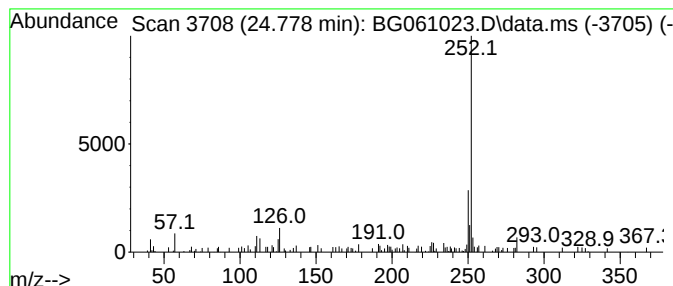
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 (1-Cyclopentenyl)ferrocene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.778	3.59 ng	120077	Perylene-d12	24.707

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
2			Benzo[a]pyrene	252	C20H12	000050-32-8	58
3			Benzo[e]pyrene	252	C20H12	000192-97-2	58
4			1-Phenyl-3-(4-methoxyphenyl)-2-p...	252	C16H16N2O	003314-43-0	53
5			Perylene	252	C20H12	000198-55-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061023.D
Acq On : 24 Apr 2024 13:18
Operator : MA/JU
Sample : P2199-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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
Butane, 2-metho...	3.168	5.5	ng	49599	1	7.944	180632	20.0
Naphthalene, 2-...	14.631	2.2	ng	39455	3	14.572	362485	20.0
Anthracene, 1-m...	18.197	3.4	ng	85184	4	17.322	499513	20.0
n-Hexadecanoic ...	18.221	5.3	ng	131016	4	17.322	499513	20.0
4H-Cyclopenta[d...	18.391	7.0	ng	173604	4	17.322	499513	20.0
1H-Cyclopropa[1...	18.426	2.7	ng	67348	4	17.322	499513	20.0
Naphthalene, 2-...	18.697	2.9	ng	71806	4	17.322	499513	20.0
9,10-Anthracene...	18.732	5.1	ng	127201	4	17.322	499513	20.0
9,10-Dimethylan...	19.114	3.7	ng	92290	4	17.322	499513	20.0
Cyclopenta(def)...	19.249	2.6	ng	65554	4	17.322	499513	20.0
Pyrene, 1-methyl-	20.060	2.1	ng	146981	5	21.581	1417840	20.0
11H-Benzo[b]flu...	20.230	2.5	ng	174297	5	21.581	1417840	20.0
Benzo[b]naphtho...	21.164	2.1	ng	151152	5	21.581	1417840	20.0
unknown21.252	21.252	3.5	ng	247858	5	21.581	1417840	20.0
11H-Benzo[a]flu...	21.311	2.2	ng	156483	5	21.581	1417840	20.0
Benzo[e]pyrene	23.967	2.9	ng	96167	6	24.707	669768	20.0
Perylene	24.419	13.4	ng	447891	6	24.707	669768	20.0
(1-Cyclopentenyl...	24.778	3.6	ng	120077	6	24.707	669768	20.0