

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061240.D
 Acq On : 17 May 2024 15:51
 Operator : MA/JU
 Sample : P2482-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-229

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-BG043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061240.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	23	28	38	rVB	61899	105048	9.44%	0.889%
2	5.526	426	432	442	rBV	76802	122452	11.00%	1.036%
3	7.112	695	702	713	rVB3	77855	138451	12.44%	1.171%
4	7.929	835	841	848	rBV	109026	174884	15.71%	1.480%
5	9.086	1028	1038	1044	rBV	52521	93133	8.37%	0.788%
6	10.725	1310	1317	1321	rBV	138662	240296	21.58%	2.033%
7	10.772	1321	1325	1332	rVB	61108	103462	9.29%	0.875%
8	12.382	1593	1599	1607	rVB	17190	27143	2.44%	0.230%
9	12.600	1630	1636	1644	rVB2	8776	14061	1.26%	0.119%
10	13.175	1726	1734	1744	rBV	125065	187985	16.89%	1.591%
11	14.562	1960	1970	1975	rBV	220589	340656	30.60%	2.882%
12	14.621	1975	1980	1987	rVB	136087	209113	18.78%	1.769%
13	14.868	2017	2022	2027	rBV2	9144	12467	1.12%	0.105%
14	14.956	2032	2037	2045	rVB	42513	65125	5.85%	0.551%
15	15.608	2143	2148	2154	rBV	92118	129750	11.65%	1.098%
16	15.772	2173	2176	2181	rVB4	12606	17001	1.53%	0.144%
17	15.902	2194	2198	2204	rVB2	11544	15201	1.37%	0.129%
18	16.054	2218	2224	2232	rBV	113159	182672	16.41%	1.546%
19	16.401	2277	2283	2287	rBV	7947	12591	1.13%	0.107%
20	16.613	2313	2319	2323	rVB5	8046	15839	1.42%	0.134%
21	17.059	2388	2395	2399	rBV6	8292	17820	1.60%	0.151%
22	17.130	2402	2407	2412	rVB	27242	41598	3.74%	0.352%
23	17.306	2431	2437	2441	rBV	277564	440154	39.54%	3.724%
24	17.353	2441	2445	2451	rVV	564934	828725	74.44%	7.012%
25	17.441	2451	2460	2466	rVV	160678	248357	22.31%	2.101%
26	17.494	2466	2469	2476	rVB2	17949	29327	2.63%	0.248%
27	17.711	2496	2506	2515	rBV2	71955	131752	11.83%	1.115%
28	17.823	2522	2525	2531	rVB6	10584	14959	1.34%	0.127%
29	18.181	2578	2586	2591	rBV	40739	68728	6.17%	0.582%
30	18.234	2591	2595	2602	rVB	63513	93244	8.38%	0.789%
31	18.316	2602	2609	2613	rBV3	27078	44908	4.03%	0.380%
32	18.381	2614	2620	2624	rVV2	96138	161456	14.50%	1.366%
33	18.416	2624	2626	2633	rVB2	26334	34085	3.06%	0.288%
34	18.528	2642	2645	2649	rBV5	9118	14166	1.27%	0.120%
35	18.681	2667	2671	2675	rBV	35232	46850	4.21%	0.396%
36	18.728	2675	2679	2687	rVB4	14426	21839	1.96%	0.185%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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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-BG043024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.933	2710	2714	2717	rVB3	11741	12057	1.08%	0.102%
38	19.098	2738	2742	2749	rBV5	14303	27321	2.45%	0.231%
39	19.163	2749	2753	2757	rBV4	10990	17597	1.58%	0.149%
40	19.239	2763	2766	2769	rBV4	9795	13623	1.22%	0.115%
41	19.368	2781	2788	2795	rBV	740911	1045522	93.91%	8.847%
42	19.427	2795	2798	2800	rVV3	9308	11155	1.00%	0.094%
43	19.456	2801	2803	2808	rVB	16743	23275	2.09%	0.197%
44	19.609	2825	2829	2837	rVB2	19190	35401	3.18%	0.300%
45	19.697	2838	2844	2845	rBV	160409	200650	18.02%	1.698%
46	19.727	2845	2849	2857	rVV	571355	874079	78.51%	7.396%
47	19.797	2857	2861	2867	rVB3	32132	51792	4.65%	0.438%
48	19.926	2875	2883	2887	rBV2	253560	369610	33.20%	3.127%
49	19.967	2887	2890	2895	rVB	41147	61351	5.51%	0.519%
50	20.044	2899	2903	2905	rBV	30062	50437	4.53%	0.427%
51	20.103	2911	2913	2916	rVB	16513	14155	1.27%	0.120%
52	20.220	2929	2933	2938	rVB	133253	178741	16.05%	1.512%
53	20.320	2945	2950	2954	rBV	131698	187775	16.87%	1.589%
54	20.379	2957	2960	2963	rVV	45558	65604	5.89%	0.555%
55	20.414	2963	2966	2969	rVB	44576	49517	4.45%	0.419%
56	20.561	2989	2991	2996	rVB3	19533	22694	2.04%	0.192%
57	20.737	3018	3021	3025	rBV2	31803	48687	4.37%	0.412%
58	21.154	3089	3092	3096	rBV	40408	57101	5.13%	0.483%
59	21.195	3096	3099	3103	rVV	44132	50992	4.58%	0.431%
60	21.248	3104	3108	3113	rVB3	42364	75389	6.77%	0.638%
61	21.560	3154	3161	3167	rBV4	436421	1113311	100.00%	9.420%
62	21.613	3167	3170	3181	rVB	295672	465455	41.81%	3.938%
63	21.760	3191	3195	3200	rVB	79825	125433	11.27%	1.061%
64	21.965	3226	3230	3237	rVB3	45678	92005	8.26%	0.778%
65	23.710	3519	3527	3534	rBV	197197	648845	58.28%	5.490%
66	24.403	3639	3645	3658	rVB2	114720	339287	30.48%	2.871%
67	24.550	3662	3670	3680	rVB	172876	491892	44.18%	4.162%
68	24.691	3686	3694	3704	rBV	186891	552383	49.62%	4.674%

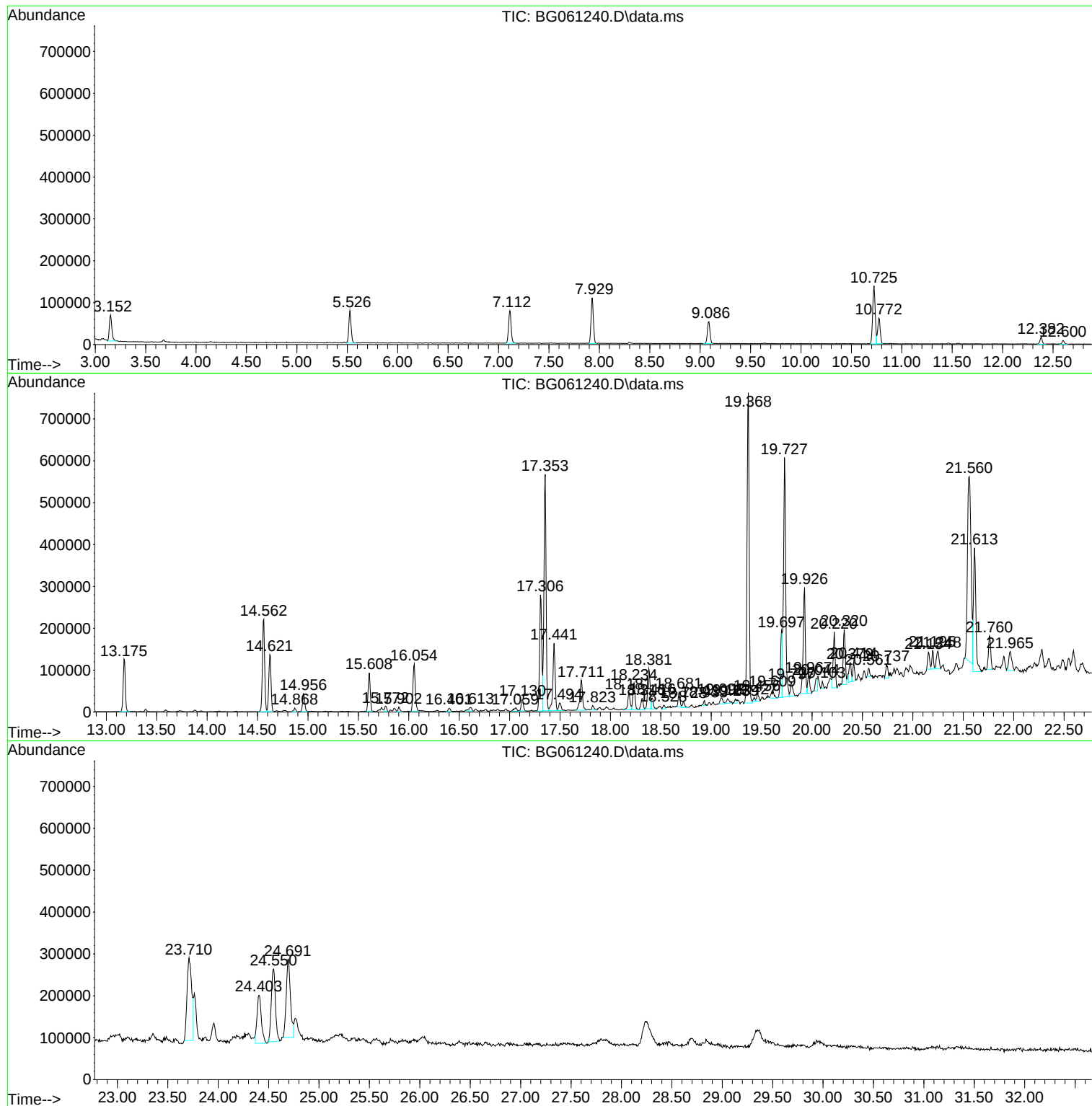
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 10 Sample Multiplier: 1

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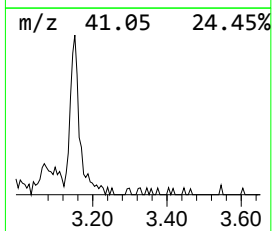
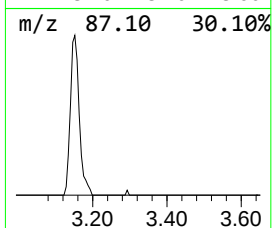
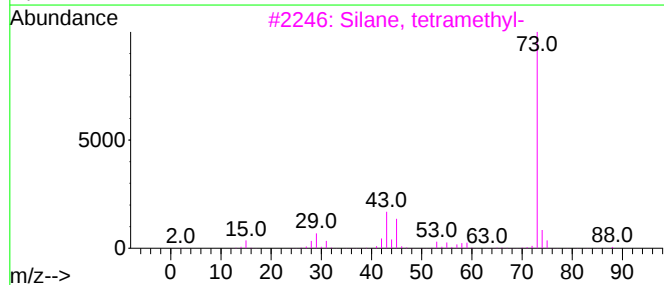
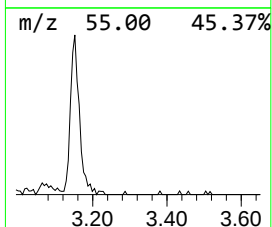
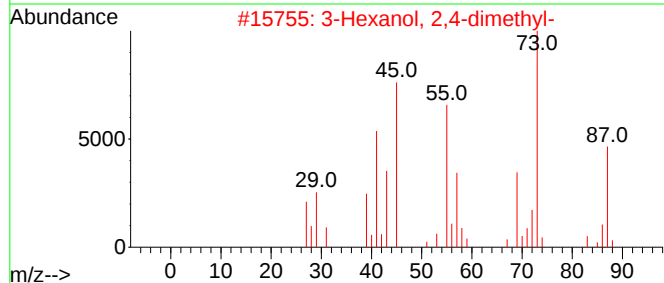
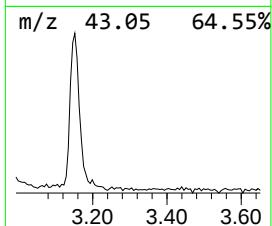
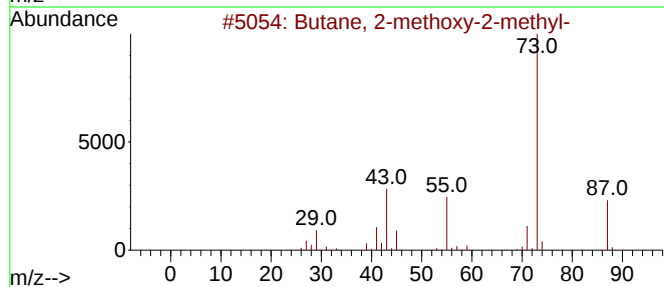
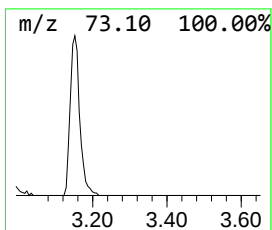
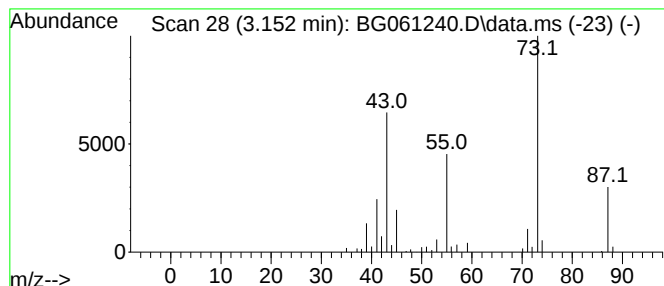
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	12.01 ng	105048	1,4-Dichlorobenzene-d4	7.929

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	56
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5			Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9



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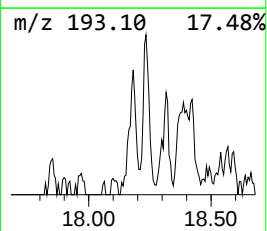
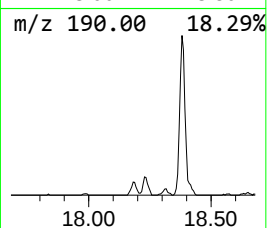
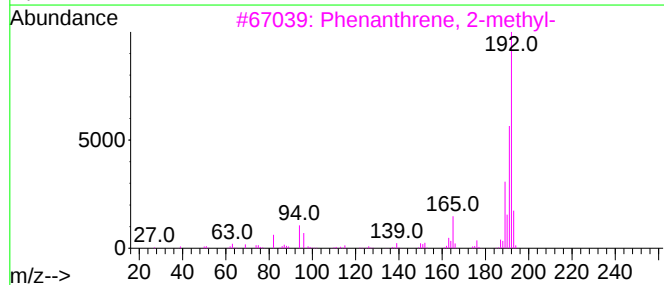
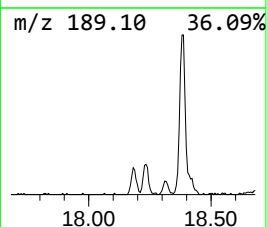
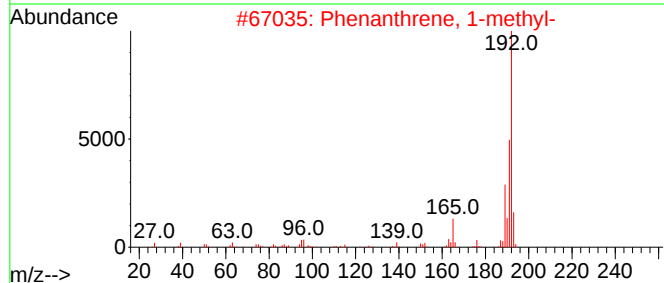
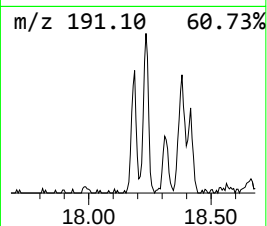
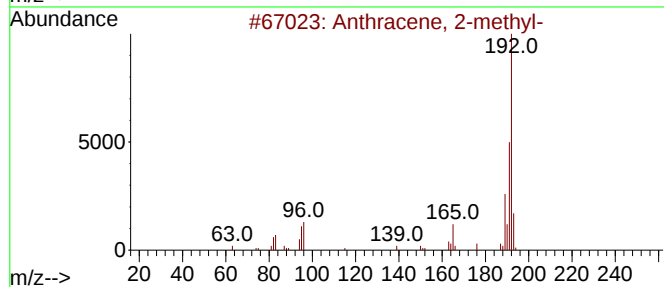
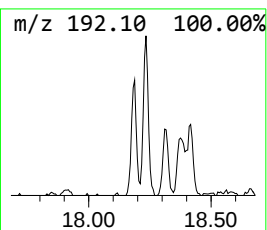
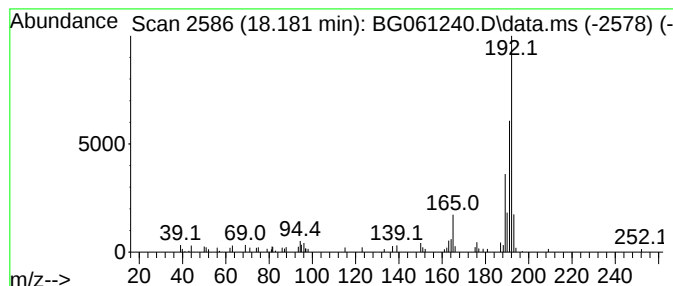
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.181	3.12 ng	68728	Phenanthrene-d10	17.306

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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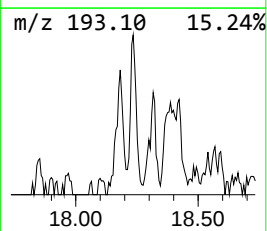
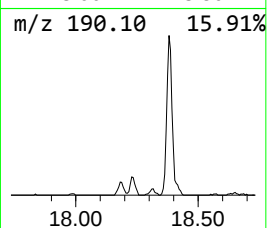
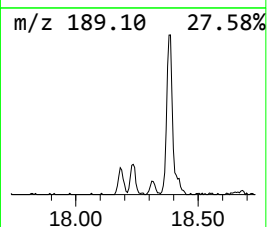
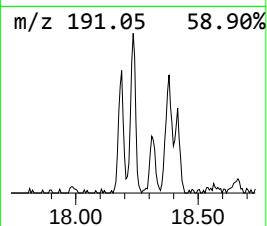
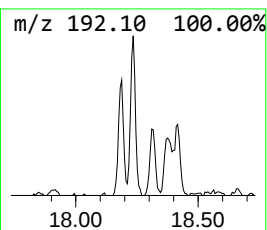
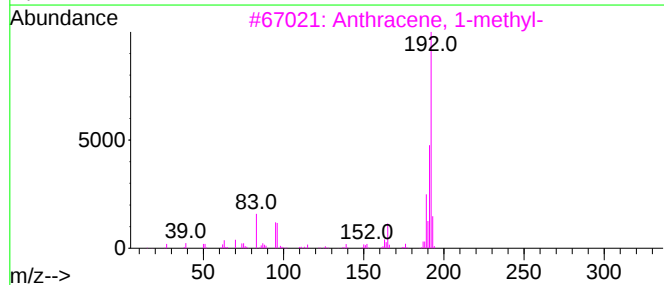
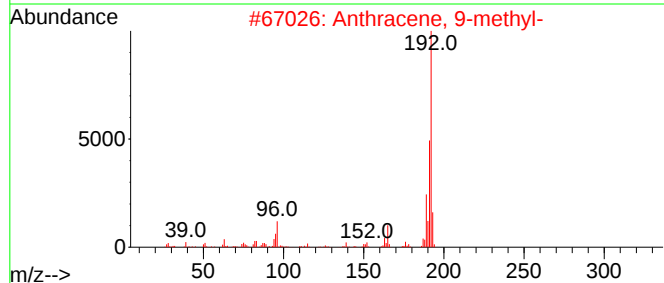
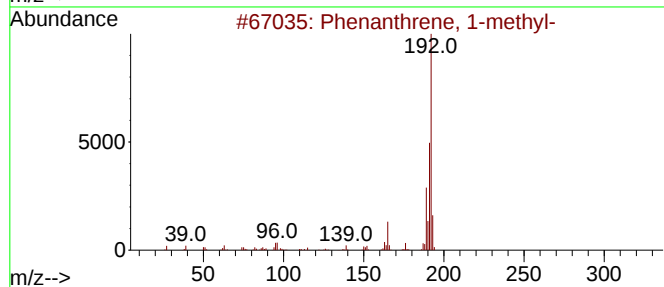
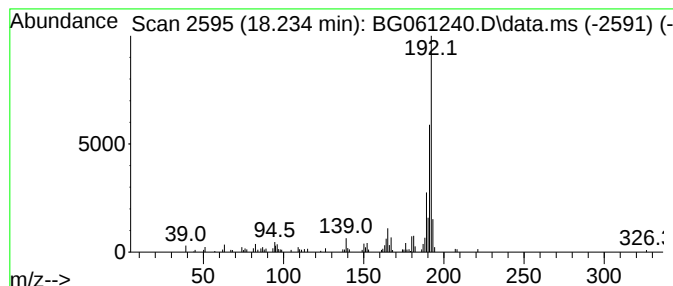
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	4.24 ng	93244	Phenanthrene-d10	17.306

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83



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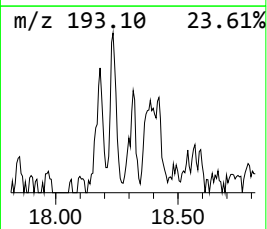
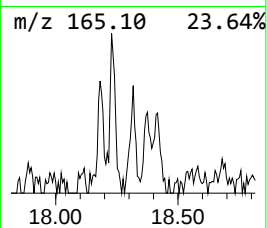
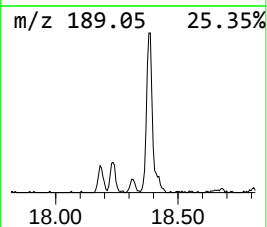
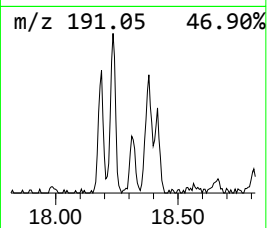
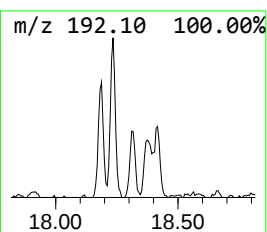
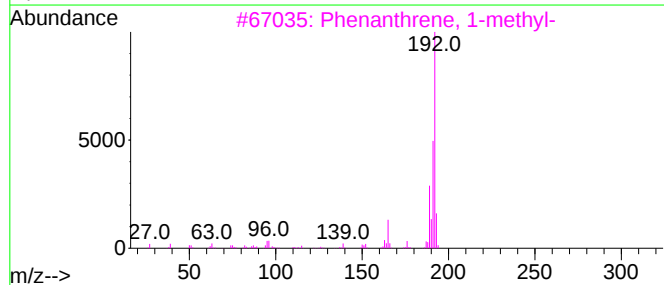
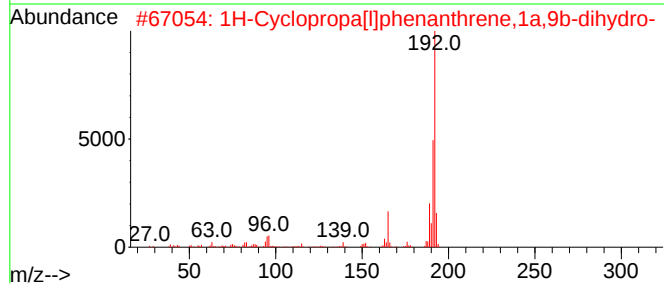
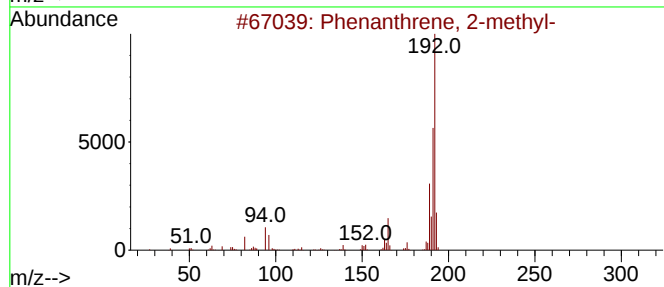
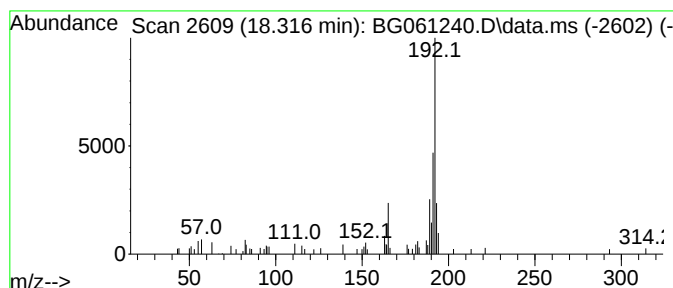
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.04 ng	44908	Phenanthrene-d10	17.306

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
Sample : P2482-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

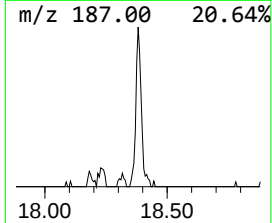
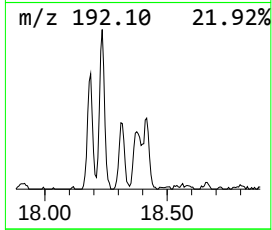
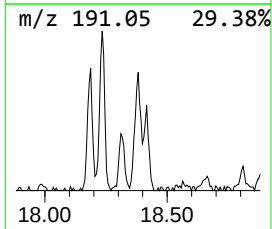
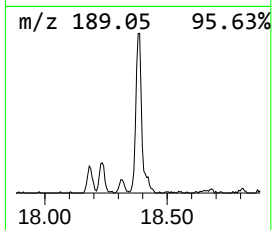
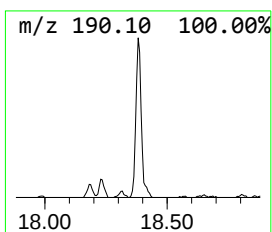
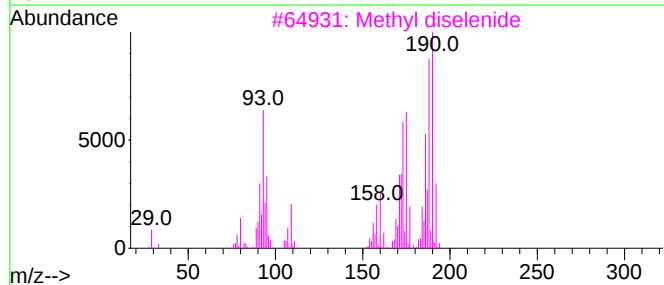
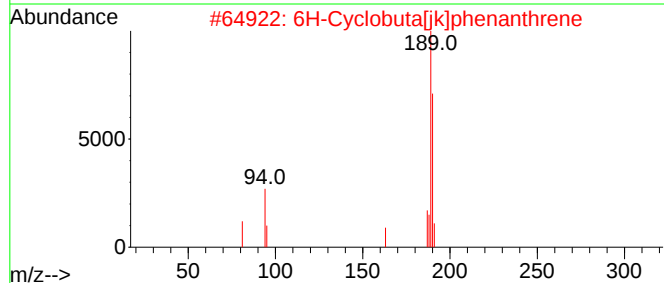
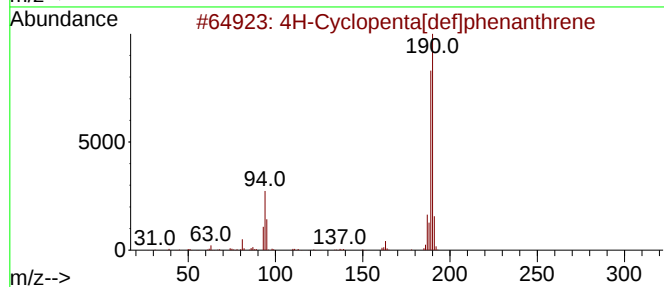
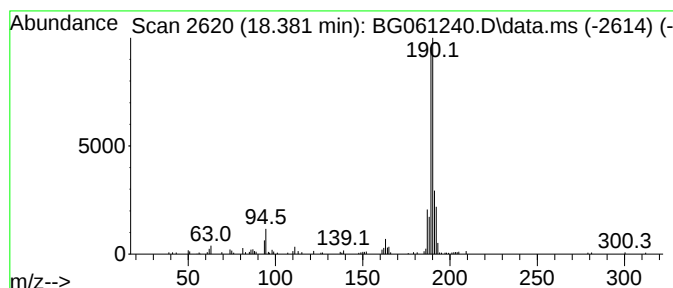
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.381	7.34 ng	161456	Phenanthrene-d10		17.306	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
3	Methyl diselenide		190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	40
5	Cyclohexanone, 2-(2-furanylmethy...		190	C12H14O2	056053-07-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
Sample : P2482-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-01-229

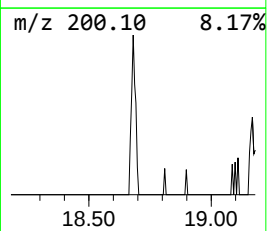
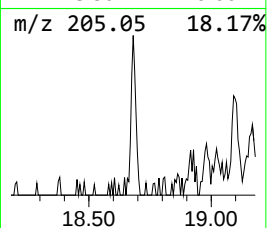
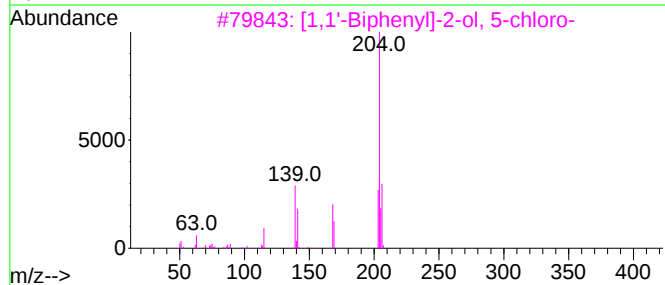
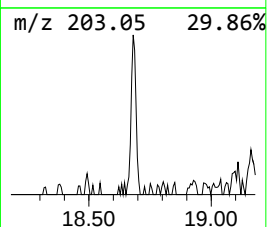
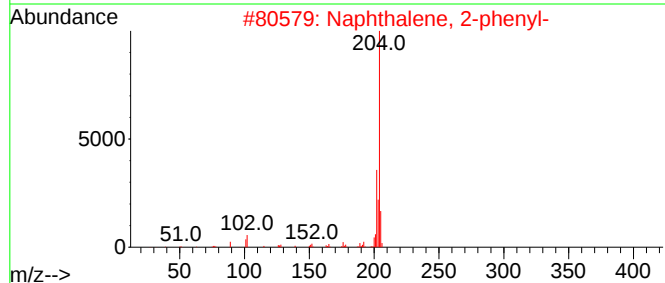
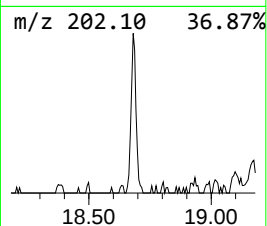
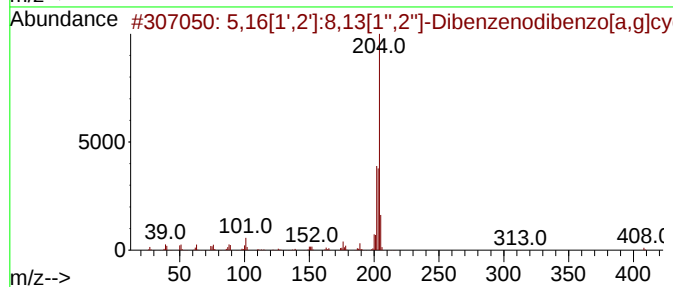
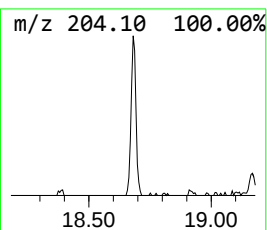
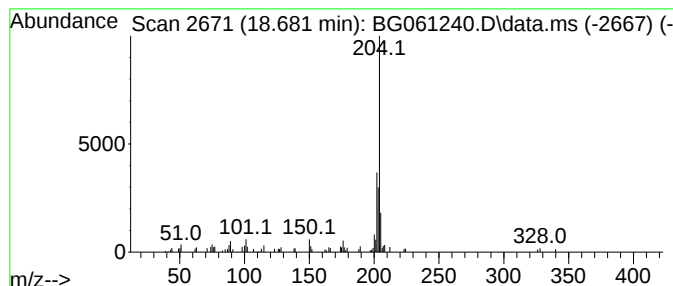
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	2.13 ng	46850	Phenanthrene-d10	17.306

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68		
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	64		
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59		
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	59		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
Sample : P2482-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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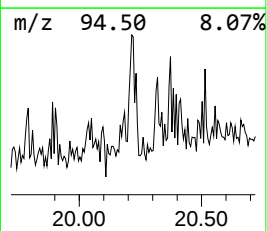
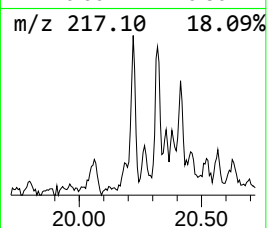
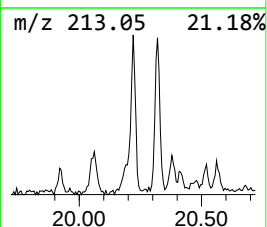
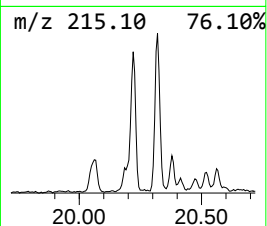
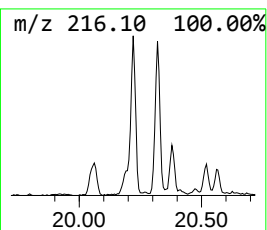
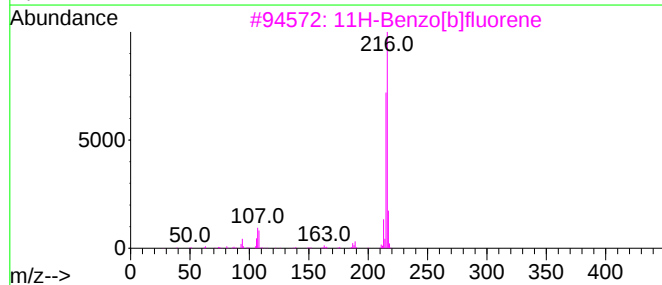
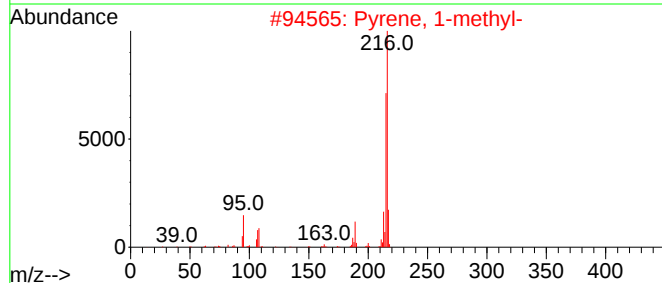
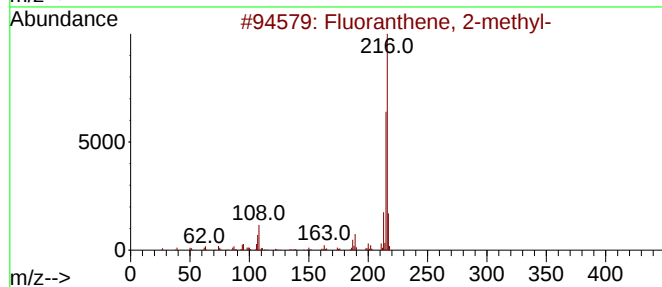
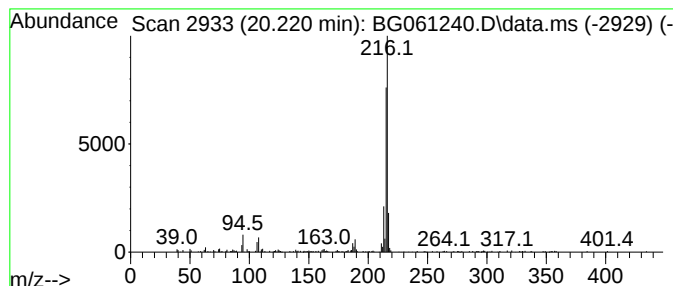
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.220	3.21 ng	178741	Chrysene-d12	21.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
Sample : P2482-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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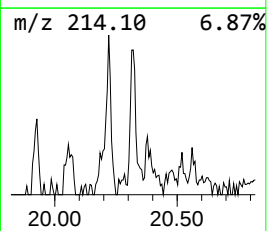
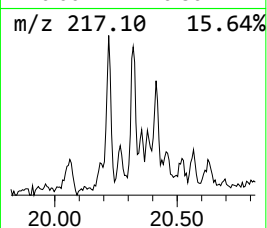
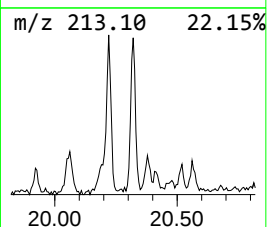
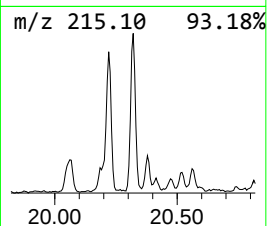
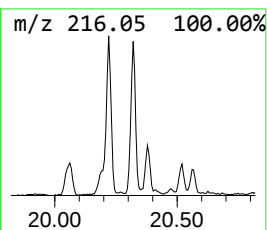
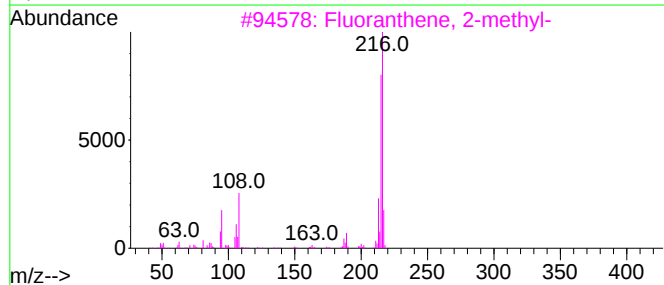
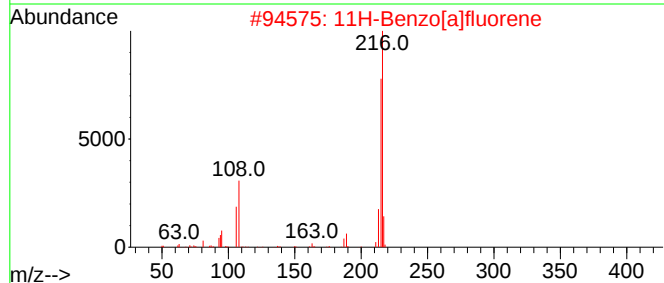
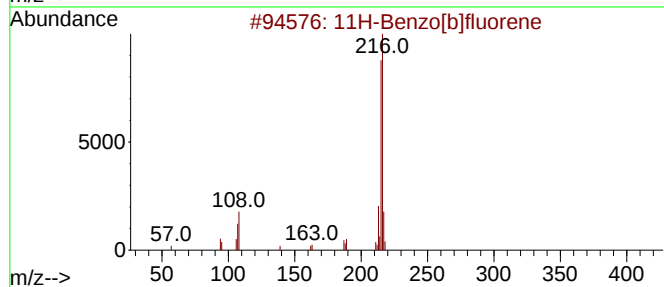
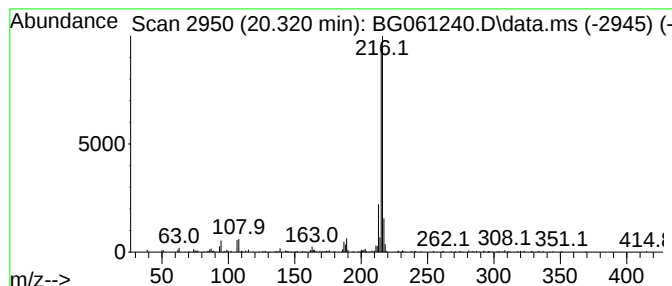
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.320	3.37 ng	187775	Chrysene-d12	21.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
Sample : P2482-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-01-229

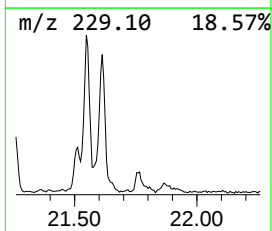
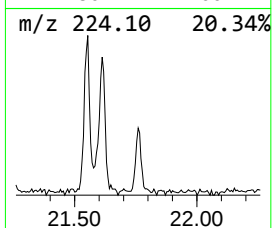
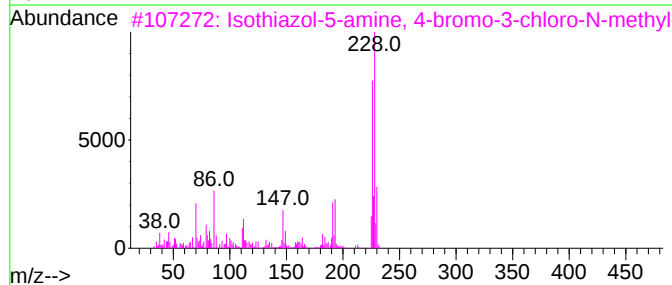
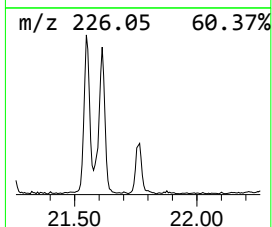
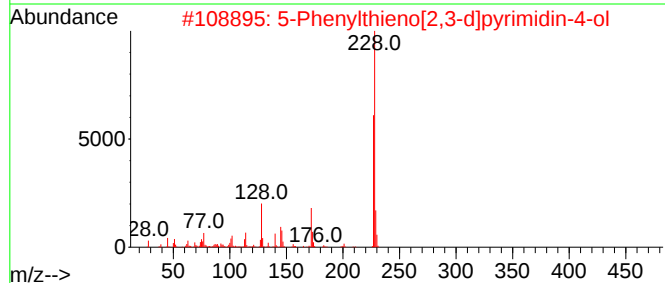
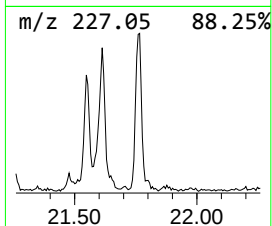
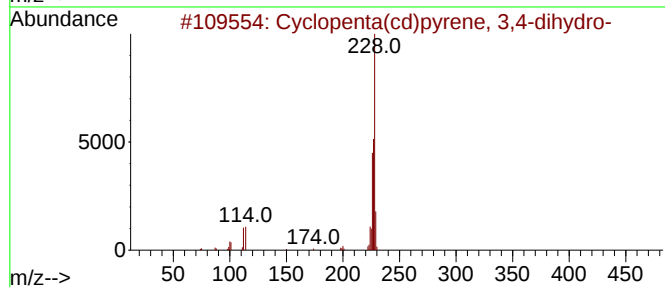
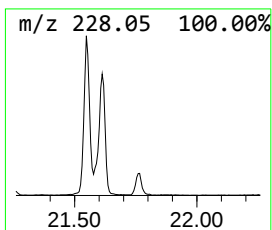
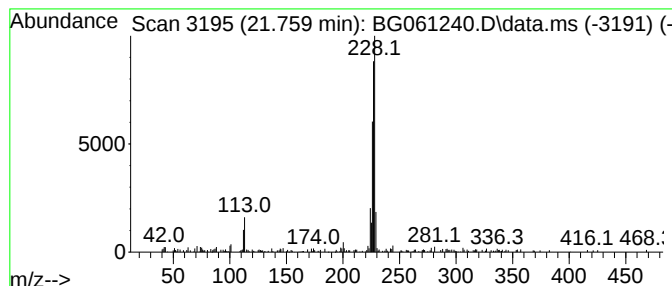
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.759	2.25 ng	125433	Chrysene-d12	21.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2		5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
3		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	49
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5		Chrysene	228	C18H12	000218-01-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
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Misc :
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Instrument :
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ClientSampleId :
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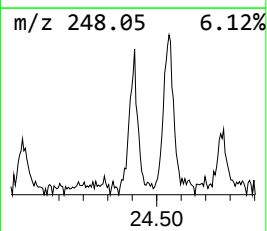
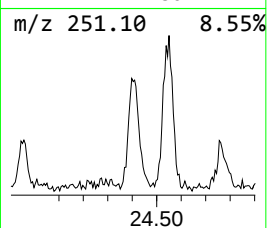
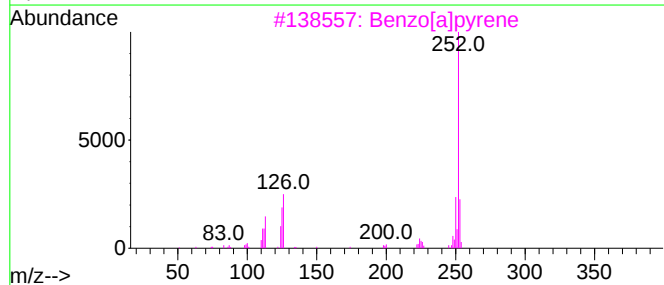
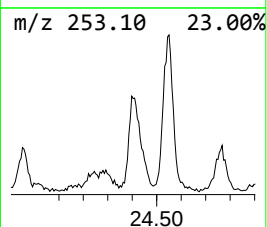
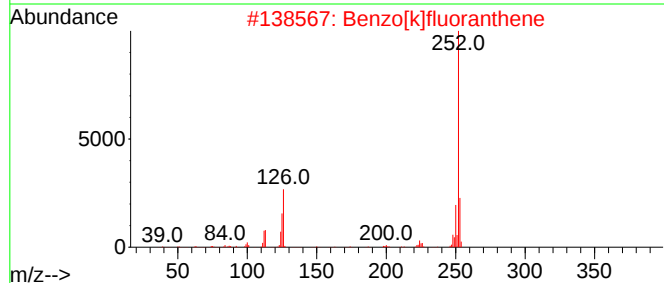
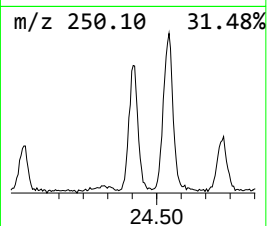
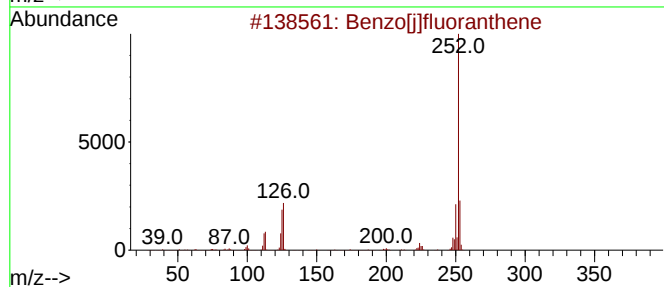
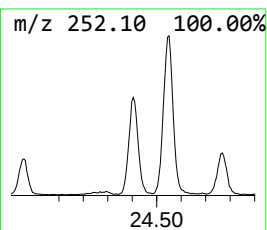
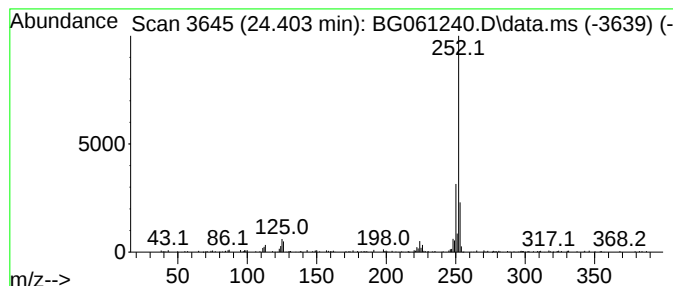
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.403	12.28 ng	339287	Perylene-d12	24.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[e]pyrene	252	C20H12	000192-97-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061240.D
Acq On : 17 May 2024 15:51
Operator : MA/JU
Sample : P2482-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-01-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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...	3.152	12.0	ng	105048	1	7.929	174884	20.0
Anthracene, 2-m...	18.181	3.1	ng	68728	4	17.306	440154	20.0
Phenanthrene, 1...	18.234	4.2	ng	93244	4	17.306	440154	20.0
Phenanthrene, 2...	18.317	2.0	ng	44908	4	17.306	440154	20.0
4H-Cyclopenta[d...	18.381	7.3	ng	161456	4	17.306	440154	20.0
5,16[1',2']:8,1...	18.681	2.1	ng	46850	4	17.306	440154	20.0
Fluoranthene, 2...	20.220	3.2	ng	178741	5	21.572	1113310	20.0
11H-Benzo[b]flu...	20.320	3.4	ng	187775	5	21.572	1113310	20.0
Cyclopenta(cd)p...	21.759	2.3	ng	125433	5	21.572	1113310	20.0
Benzo[j]fluoran...	24.403	12.3	ng	339287	6	24.697	552383	20.0