

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054362.D
 Acq On : 22 Jul 2022 16:32
 Operator : CG/JU
 Sample : N3814-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-3(10-15)

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-BG071522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054362.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.565	364	370	382	rVB	157213	262568	22.34%	3.631%
2	7.174	635	644	657	rBB	160622	290703	24.73%	4.020%
3	7.991	776	783	790	rBV	48547	82429	7.01%	1.140%
4	9.154	974	981	990	rBV	98441	179704	15.29%	2.485%
5	10.800	1254	1261	1267	rBV	64033	117495	10.00%	1.625%
6	10.852	1267	1270	1277	rVB2	7854	11968	1.02%	0.166%
7	13.250	1671	1678	1686	rBB	330602	519432	44.19%	7.183%
8	13.837	1774	1778	1783	rVB3	7903	11912	1.01%	0.165%
9	14.630	1905	1913	1919	rBV	128526	201647	17.16%	2.789%
10	15.676	2086	2091	2097	rBB	10177	16264	1.38%	0.225%
11	16.117	2160	2166	2176	rBV	374360	587416	49.97%	8.124%
12	17.374	2373	2380	2384	rBV	200445	315136	26.81%	4.358%
13	17.415	2384	2387	2394	rVV	118680	168292	14.32%	2.327%
14	17.504	2394	2402	2409	rVB	27963	50607	4.31%	0.700%
15	17.780	2438	2449	2454	rBV2	6624	12704	1.08%	0.176%
16	18.250	2522	2529	2534	rBV2	25112	44622	3.80%	0.617%
17	18.297	2534	2537	2545	rVV	28873	44684	3.80%	0.618%
18	18.379	2545	2551	2556	rVV	11298	17397	1.48%	0.241%
19	18.444	2556	2562	2566	rVV3	32437	63568	5.41%	0.879%
20	18.479	2566	2568	2574	rVB	17031	21265	1.81%	0.294%
21	18.743	2606	2613	2617	rBV	14767	22178	1.89%	0.307%
22	19.166	2678	2685	2689	rBV2	14934	27676	2.35%	0.383%
23	19.225	2689	2695	2704	rVV5	8635	24033	2.04%	0.332%
24	19.301	2704	2708	2717	rVV4	15366	28011	2.38%	0.387%
25	19.425	2724	2729	2736	rBV	205380	298826	25.42%	4.133%
26	19.754	2780	2785	2787	rBV2	37799	56157	4.78%	0.777%
27	19.789	2787	2791	2799	rVV	180813	276535	23.53%	3.824%
28	19.860	2799	2803	2809	rVB2	12728	19123	1.63%	0.264%
29	19.983	2816	2824	2829	rBV	905349	1175422	100.00%	16.255%
30	20.030	2829	2832	2836	rVB2	9291	13053	1.11%	0.181%
31	20.112	2840	2846	2852	rBV4	15745	37290	3.17%	0.516%
32	20.277	2864	2874	2879	rVB	38099	81571	6.94%	1.128%
33	20.377	2887	2891	2896	rBV	27444	42368	3.60%	0.586%
34	20.435	2896	2901	2905	rVV2	22212	40473	3.44%	0.560%
35	20.576	2921	2925	2929	rBV	15792	24243	2.06%	0.335%
36	20.623	2929	2933	2937	rVB	15042	19925	1.70%	0.276%

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Start Thrs: 0.2

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	21.041	3001	3004	3010	rVB	12897	21509	1.83%	0.297%
38	21.223	3028	3035	3038	rBV3	16223	33829	2.88%	0.468%
39	21.270	3038	3043	3047	rVV2	32082	66339	5.64%	0.917%
40	21.311	3047	3050	3055	rVV4	19536	40805	3.47%	0.564%
41	21.364	3057	3059	3066	rVB	13113	23863	2.03%	0.330%
42	21.634	3097	3105	3110	rBV2	270582	593441	50.49%	8.207%
43	21.681	3110	3113	3121	rVB	83522	136738	11.63%	1.891%
44	21.834	3134	3139	3147	rBV2	14719	26058	2.22%	0.360%
45	22.039	3169	3174	3182	rBV5	11945	28231	2.40%	0.390%
46	22.145	3189	3192	3199	rVB6	10845	16359	1.39%	0.226%
47	22.363	3226	3229	3234	rVB	17683	28413	2.42%	0.393%
48	22.427	3237	3240	3247	rVB3	10409	21605	1.84%	0.299%
49	22.639	3271	3276	3279	rBV6	8529	18679	1.59%	0.258%
50	23.091	3348	3353	3365	rVB6	10691	32844	2.79%	0.454%
51	23.831	3469	3479	3486	rBV	56115	200074	17.02%	2.767%
52	24.084	3515	3522	3529	rVB2	10556	25282	2.15%	0.350%
53	24.542	3592	3600	3611	rVB	33616	105355	8.96%	1.457%
54	24.683	3617	3624	3637	rVB	48341	139914	11.90%	1.935%
55	24.842	3640	3651	3659	rBV2	144844	430550	36.63%	5.954%
56	28.491	4267	4272	4273	rBV3	11293	15610	1.33%	0.216%
57	29.619	4457	4464	4465	rBV7	10897	18725	1.59%	0.259%

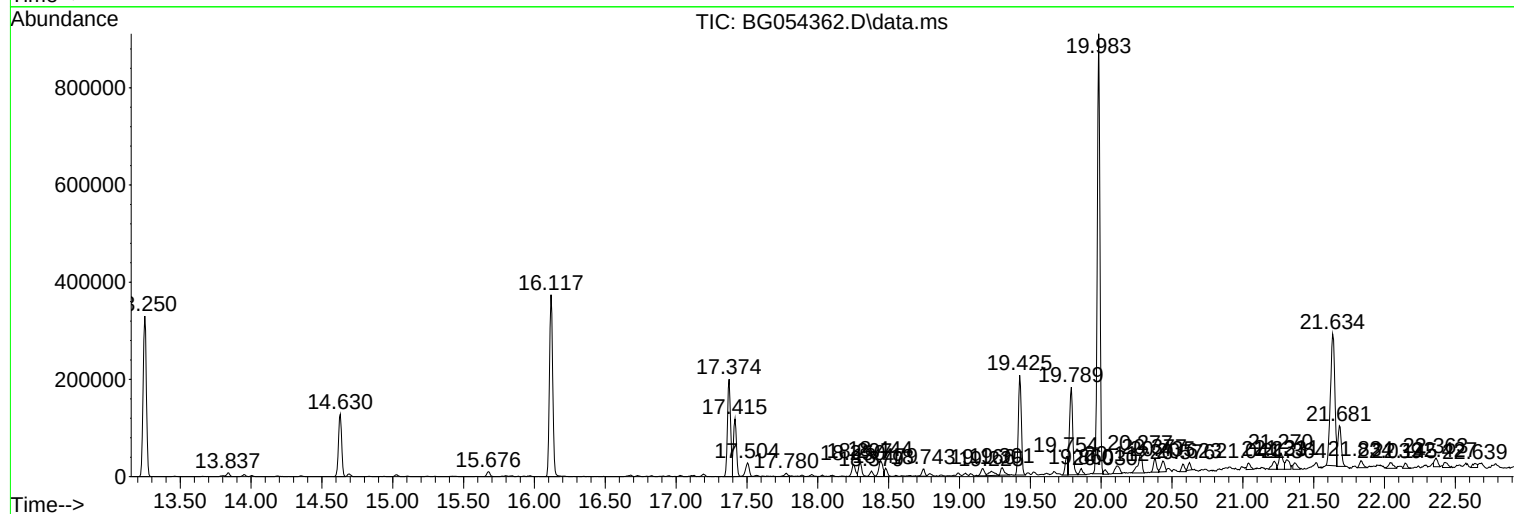
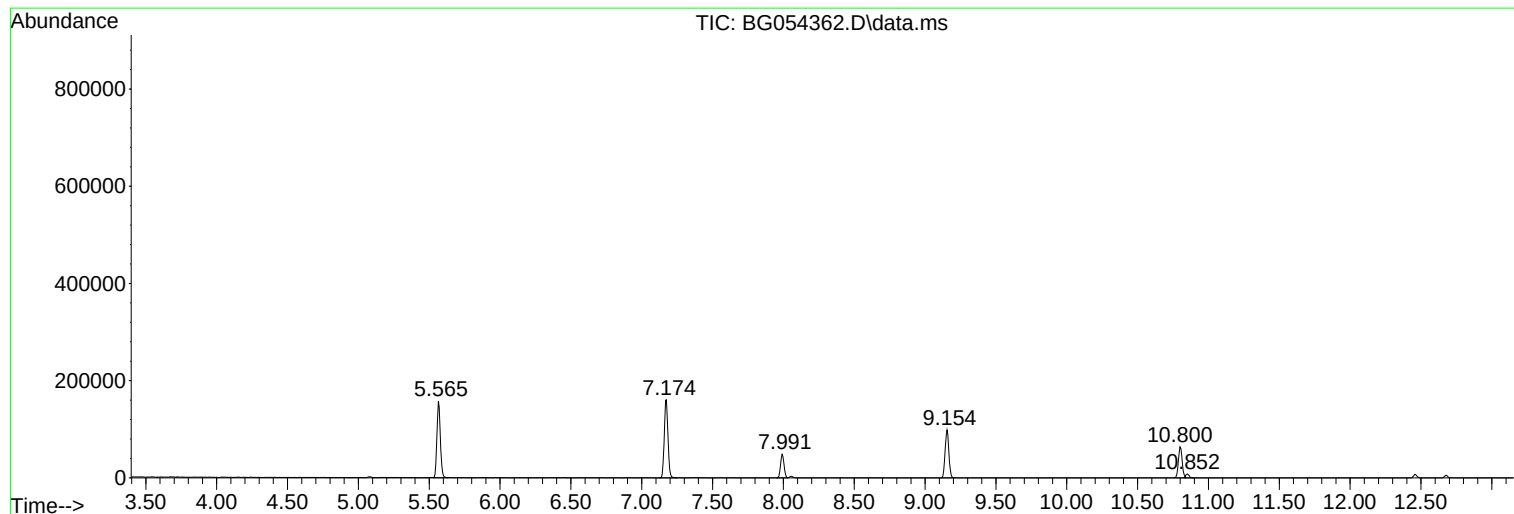
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : N3814-06
Misc :
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Instrument :
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ClientSampleId :
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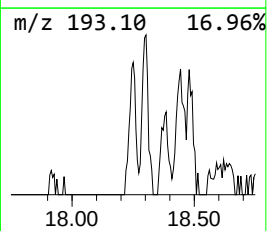
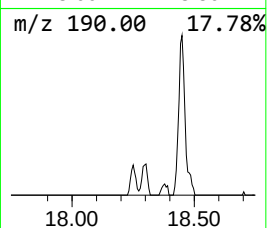
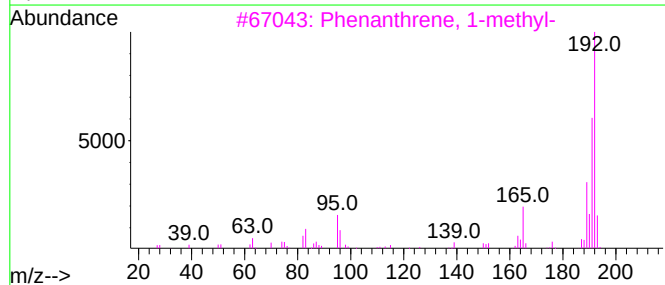
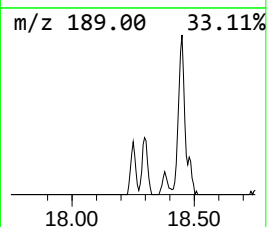
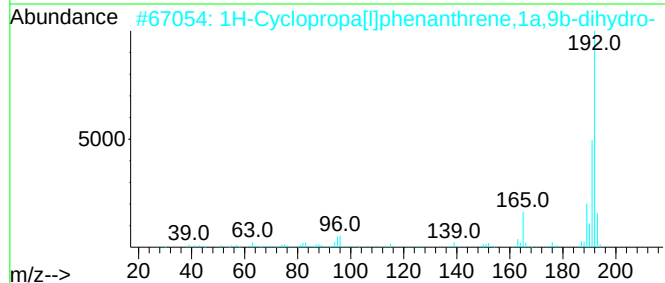
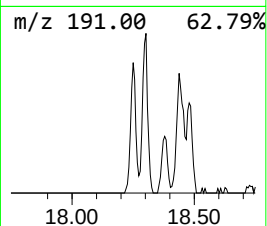
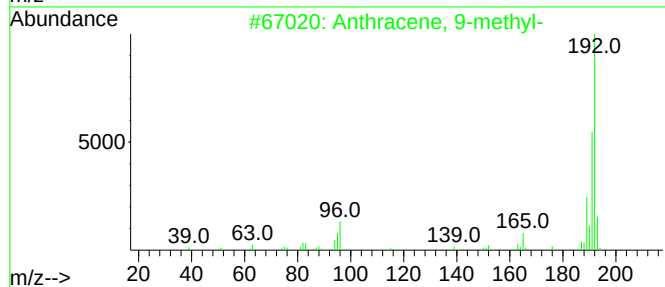
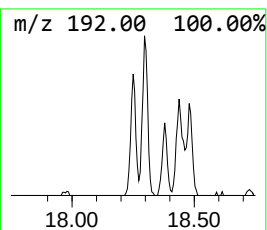
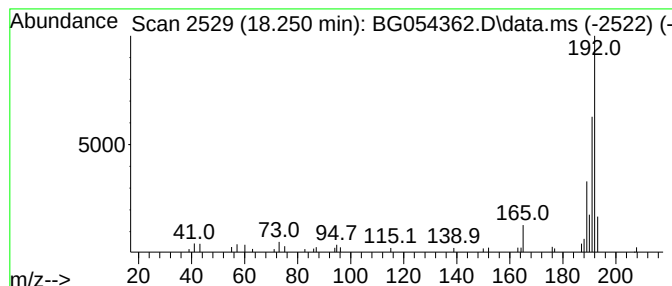
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.250	2.83 ng	44622	Phenanthrene-d10	17.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)

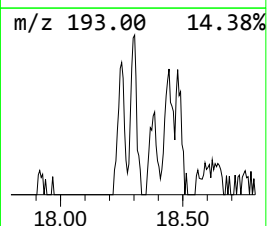
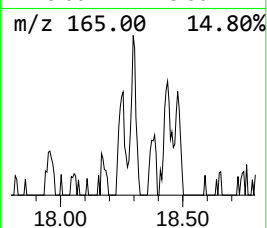
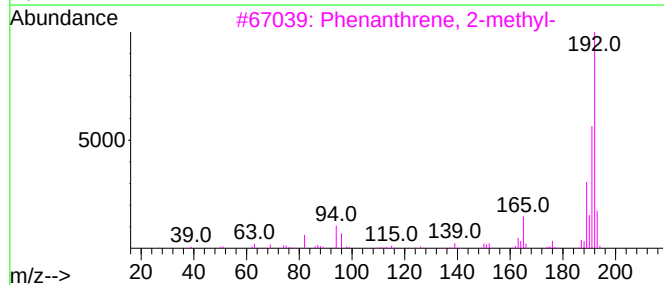
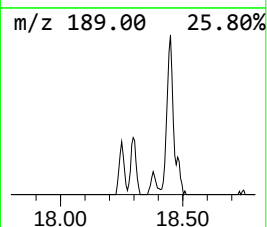
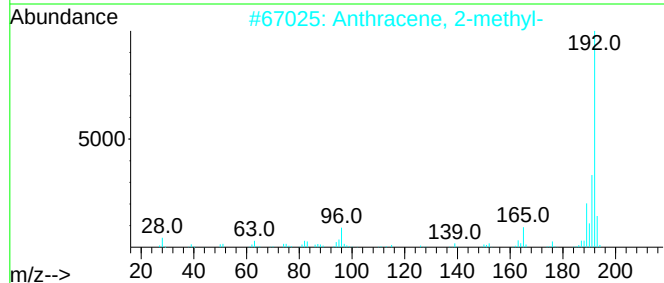
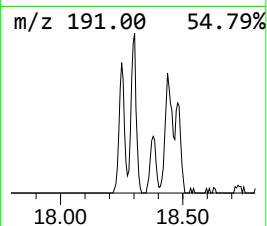
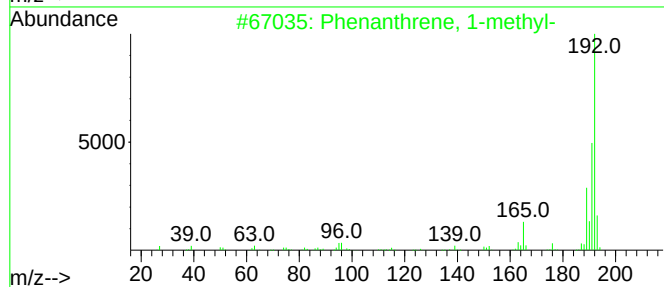
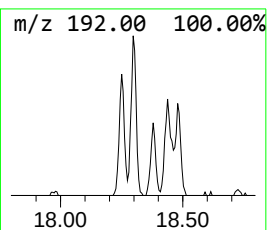
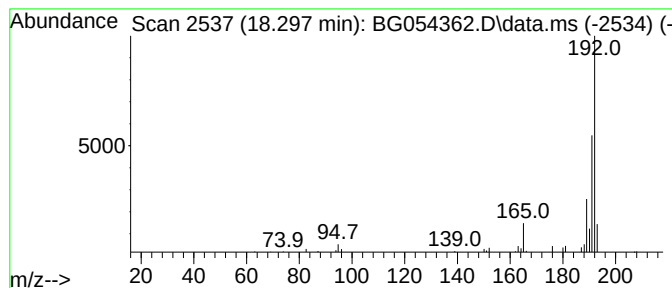
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.297	2.84 ng	44684	Phenanthrene-d10	17.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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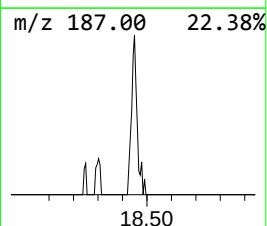
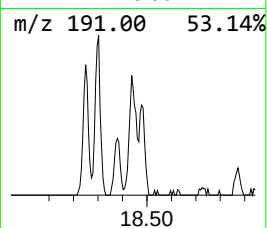
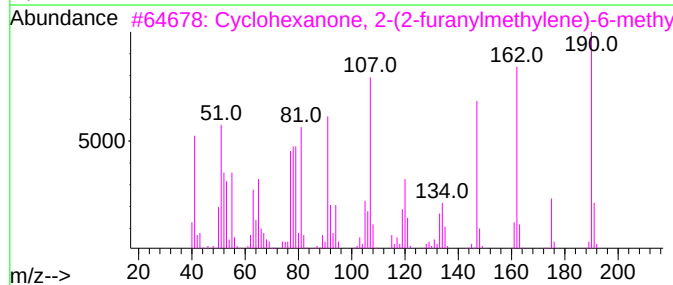
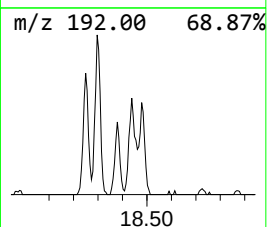
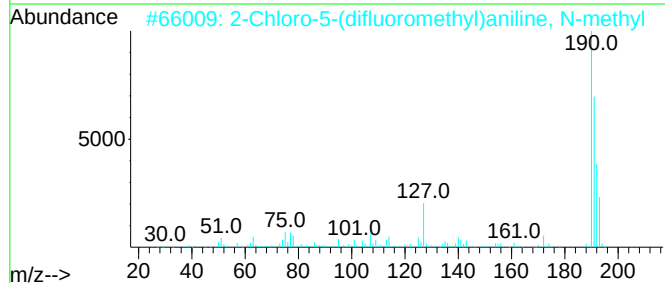
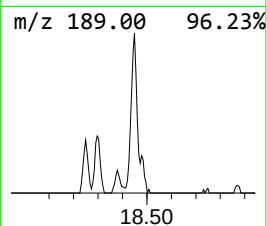
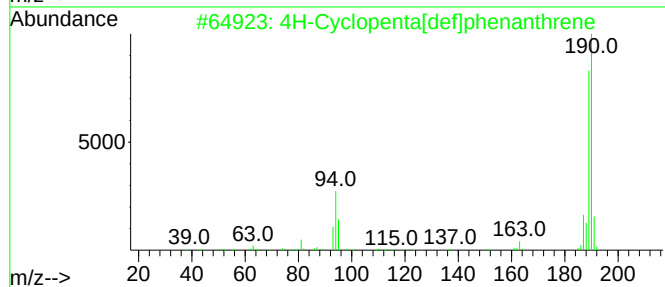
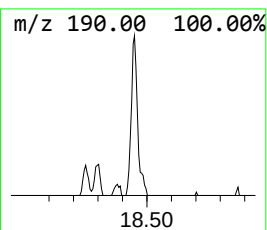
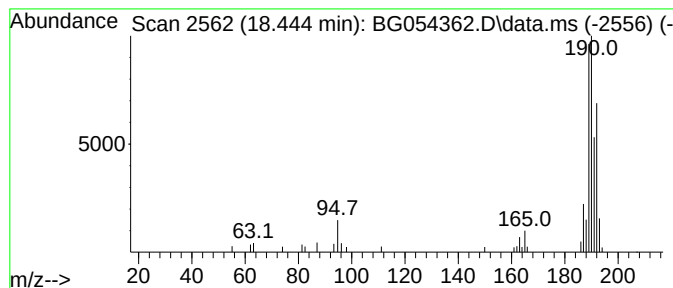
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.444	4.03 ng	63568	Phenanthrene-d10	17.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			2-Chloro-5-(difluoromethyl)anili...	191	C8H8ClF2N	1860643-36-2	38
3			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
4			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	25
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25



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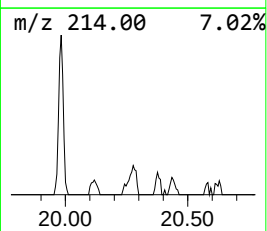
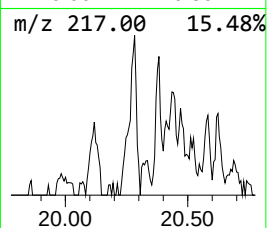
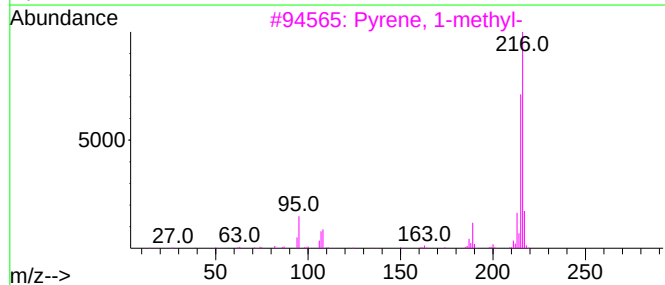
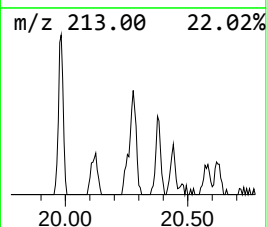
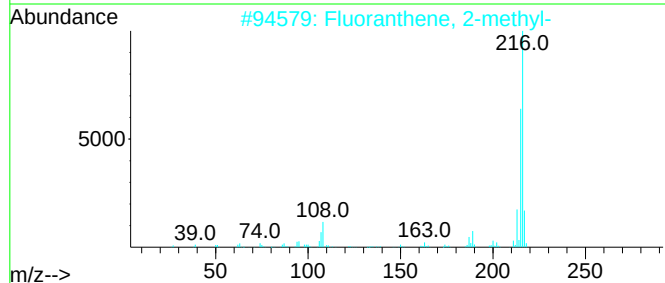
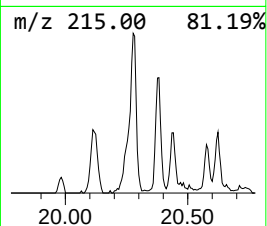
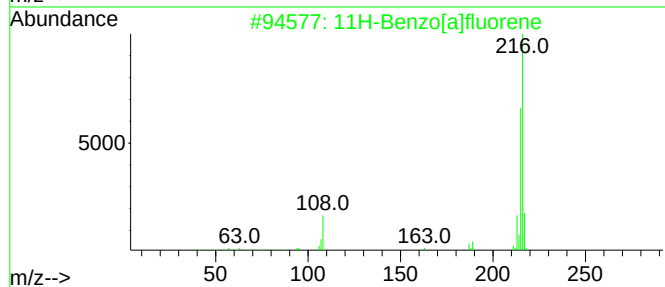
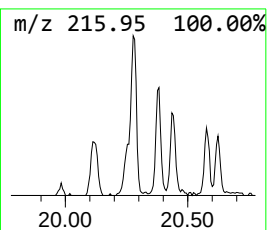
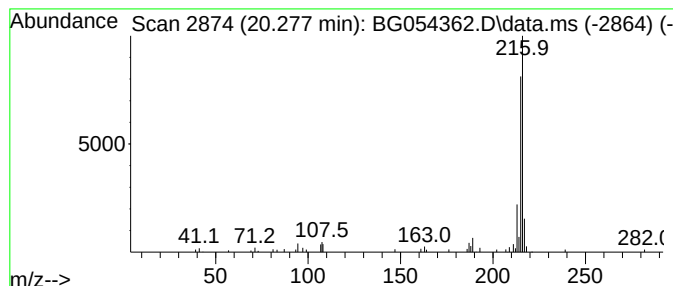
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.277	2.75 ng	81571	Chrysene-d12	21.640

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80



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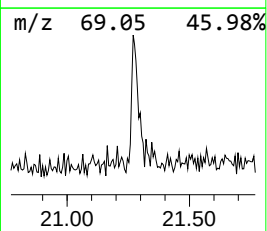
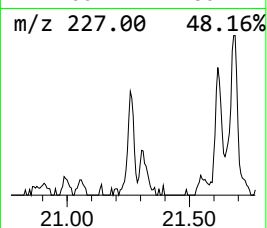
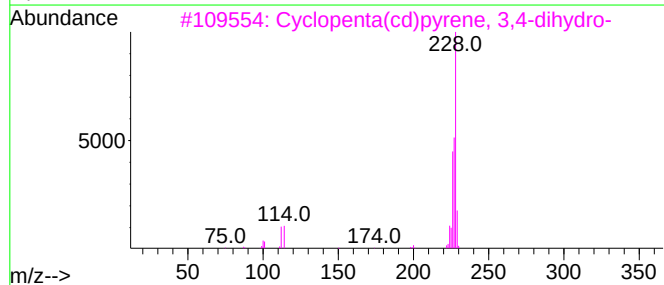
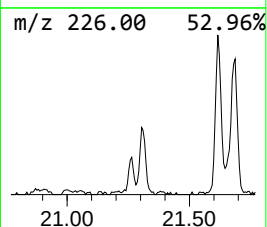
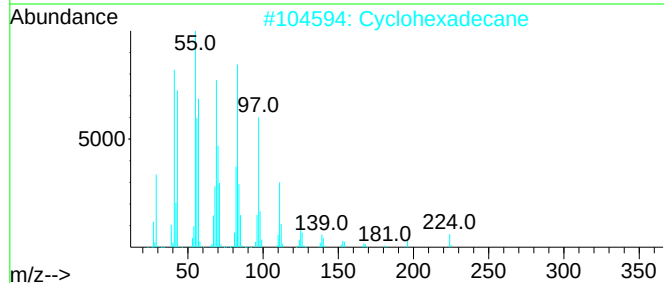
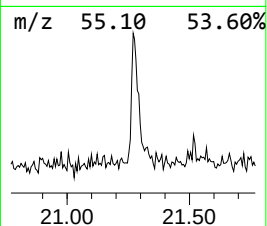
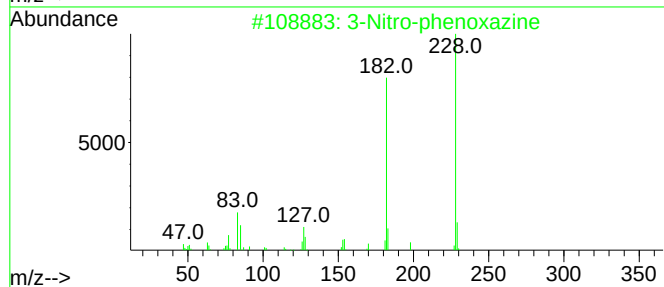
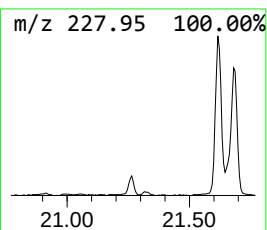
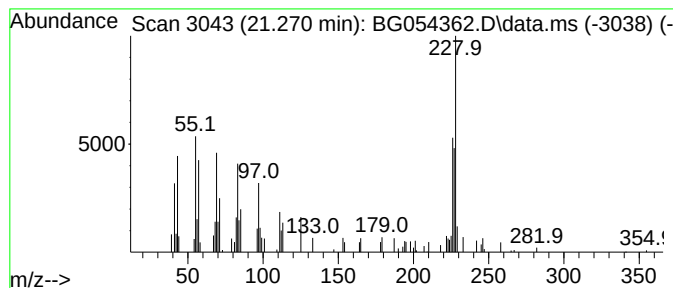
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown21.270 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.270	2.24 ng	66339	Chrysene-d12	21.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Nitro-phenoxazine	228	C12H8N2O3	020464-44-2	46
2			Cyclohexadecane	224	C16H32	000295-65-8	41
3			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
4			13-Bromotetradecanoic acid	306	C14H27BrO2	1000099-12-8	25
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054362.D
Acq On : 22 Jul 2022 16:32
Operator : CG/JU
Sample : N3814-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)

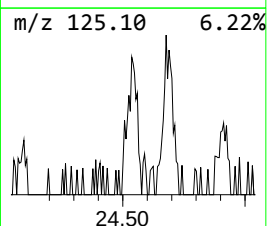
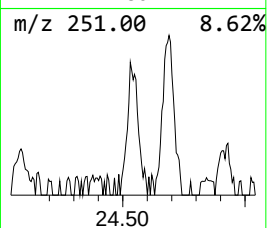
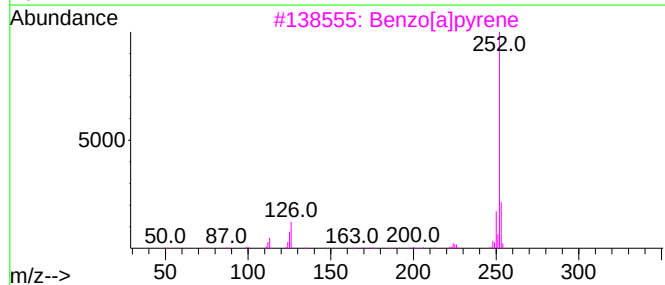
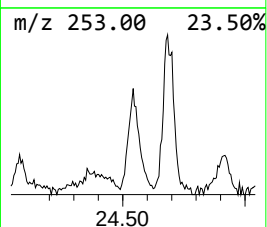
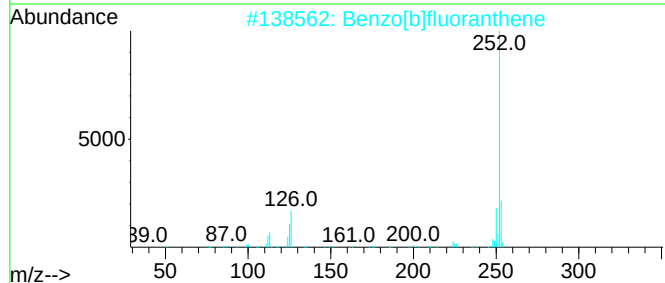
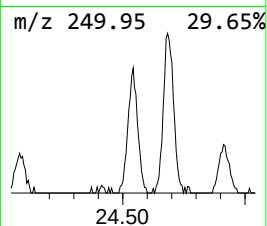
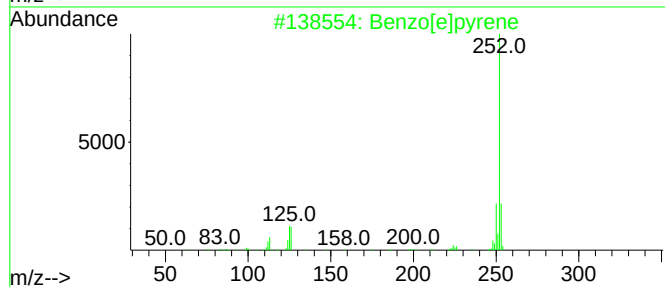
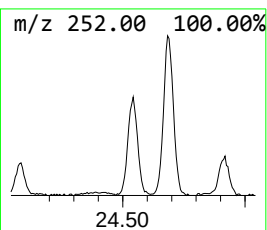
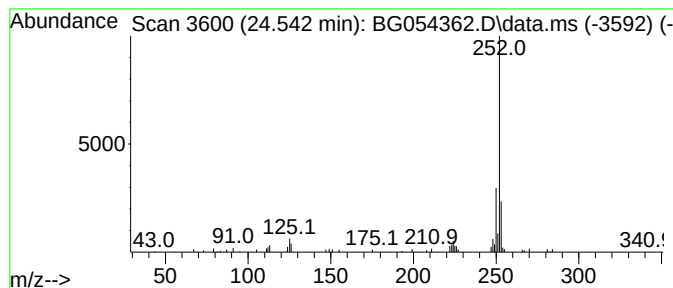
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.542	4.89 ng	105355	Perylene-d12	24.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	81
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3			Benzo[a]pyrene	252	C20H12	000050-32-8	81
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054362.D
Acq On : 22 Jul 2022 16:32
Operator : CG/JU
Sample : N3814-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 9-m...	18.250	2.8	ng	44622	4	17.374	315136	20.0
Phenanthrene, 1...	18.297	2.8	ng	44684	4	17.374	315136	20.0
4H-Cyclopenta[d...	18.444	4.0	ng	63568	4	17.374	315136	20.0
11H-Benzo[a]flu...	20.277	2.8	ng	81571	5	21.640	593441	20.0
unknown21.270	21.270	2.2	ng	66339	5	21.640	593441	20.0
Benzo[e]pyrene	24.542	4.9	ng	105355	6	24.842	430550	20.0