

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054844.D
 Acq On : 2 Sep 2022 17:35
 Operator : CG/JU
 Sample : N4487-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H-1

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054844.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.207	320	326	337	rBV	158619	253266	9.64%	1.307%
2	5.689	401	408	426	rVB	720931	1171489	44.58%	6.048%
3	7.304	674	683	696	rBV	708396	1277482	48.62%	6.595%
4	8.151	818	827	833	rBV	162563	277403	10.56%	1.432%
5	9.326	1018	1027	1039	rBV	437393	797980	30.37%	4.120%
6	10.977	1300	1308	1315	rBV	229445	422632	16.08%	2.182%
7	13.409	1713	1722	1731	rBV	1271491	2031326	77.31%	10.487%
8	14.784	1943	1956	1962	rBV	361015	595525	22.66%	3.074%
9	14.849	1962	1967	1973	rVB	23152	38224	1.45%	0.197%
10	15.178	2014	2023	2029	rBV2	21797	39791	1.51%	0.205%
11	15.824	2127	2133	2145	rVB	30306	53491	2.04%	0.276%
12	16.270	2202	2209	2228	rBV	845600	1346777	51.26%	6.953%
13	17.181	2358	2364	2371	rBV	36470	58251	2.22%	0.301%
14	17.346	2388	2392	2397	rVB	34791	53322	2.03%	0.275%
15	17.528	2417	2423	2427	rBV	444164	695511	26.47%	3.591%
16	17.569	2427	2430	2437	rVV	571509	848373	32.29%	4.380%
17	17.663	2437	2446	2451	rVB2	46335	94183	3.58%	0.486%
18	17.927	2481	2491	2498	rBV	73291	138786	5.28%	0.716%
19	18.403	2568	2572	2576	rBV	40576	63779	2.43%	0.329%
20	18.450	2576	2580	2585	rVB	59813	92461	3.52%	0.477%
21	18.597	2599	2605	2609	rBV3	68969	130879	4.98%	0.676%
22	18.891	2651	2655	2659	rBV	43562	64245	2.45%	0.332%
23	18.938	2659	2663	2671	rVB	112433	169948	6.47%	0.877%
24	19.308	2722	2726	2730	rBV2	44679	67792	2.58%	0.350%
25	19.455	2746	2751	2756	rBV2	43343	83798	3.19%	0.433%
26	19.578	2765	2772	2777	rBV	919102	1326410	50.48%	6.848%
27	19.813	2810	2812	2820	rVB	27388	46513	1.77%	0.240%
28	19.907	2821	2828	2829	rVV3	119347	198170	7.54%	1.023%
29	19.937	2829	2833	2840	rVV	678466	996454	37.92%	5.144%
30	20.001	2840	2844	2848	rVB2	30991	47716	1.82%	0.246%
31	20.125	2859	2865	2871	rBV	1968245	2627579	100.00%	13.565%
32	20.419	2911	2915	2925	rVB2	70864	136232	5.18%	0.703%
33	20.524	2930	2933	2937	rVB	33656	36966	1.41%	0.191%
34	20.583	2941	2943	2946	rVB	29397	29340	1.12%	0.151%
35	20.906	2996	2998	3002	rVB	41687	44243	1.68%	0.228%
36	21.194	3044	3047	3054	rVB	61644	84113	3.20%	0.434%

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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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.423	3083	3086	3092	rVB2	150496	210598	8.01%	1.087%
38	21.817	3145	3153	3158	rBV2	462040	1162304	44.23%	6.000%
39	21.870	3158	3162	3169	rVB	290357	480524	18.29%	2.481%
40	24.120	3538	3545	3552	rBV	156312	496589	18.90%	2.564%
41	25.195	3721	3728	3737	rVB	218440	580147	22.08%	2.995%

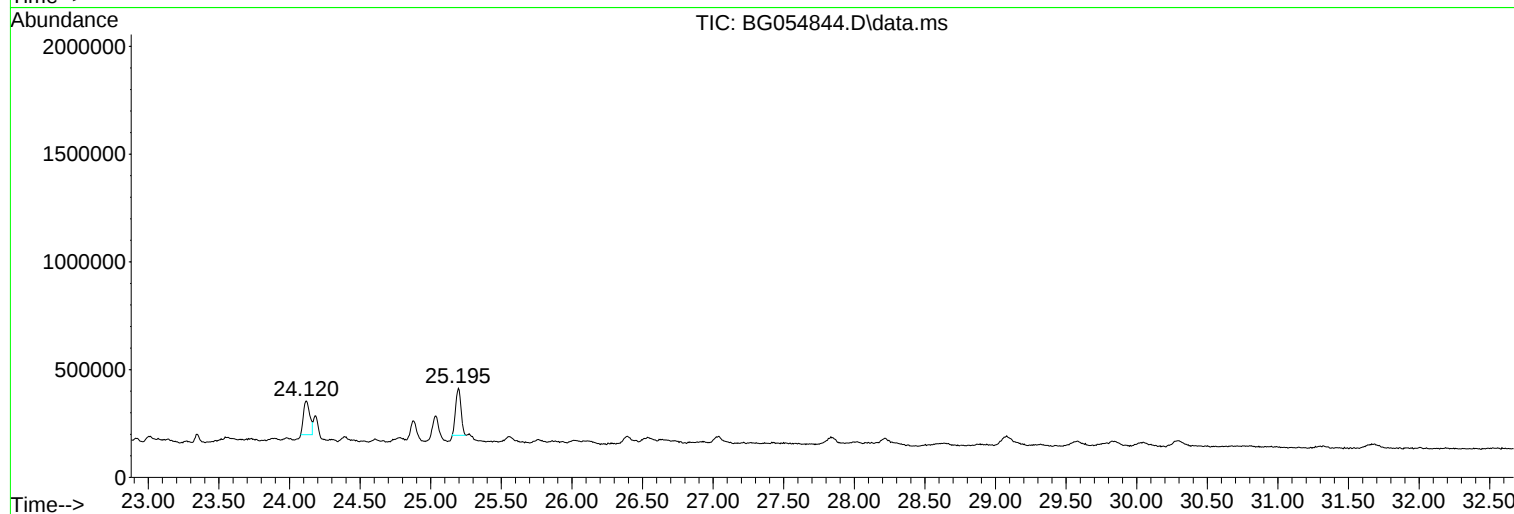
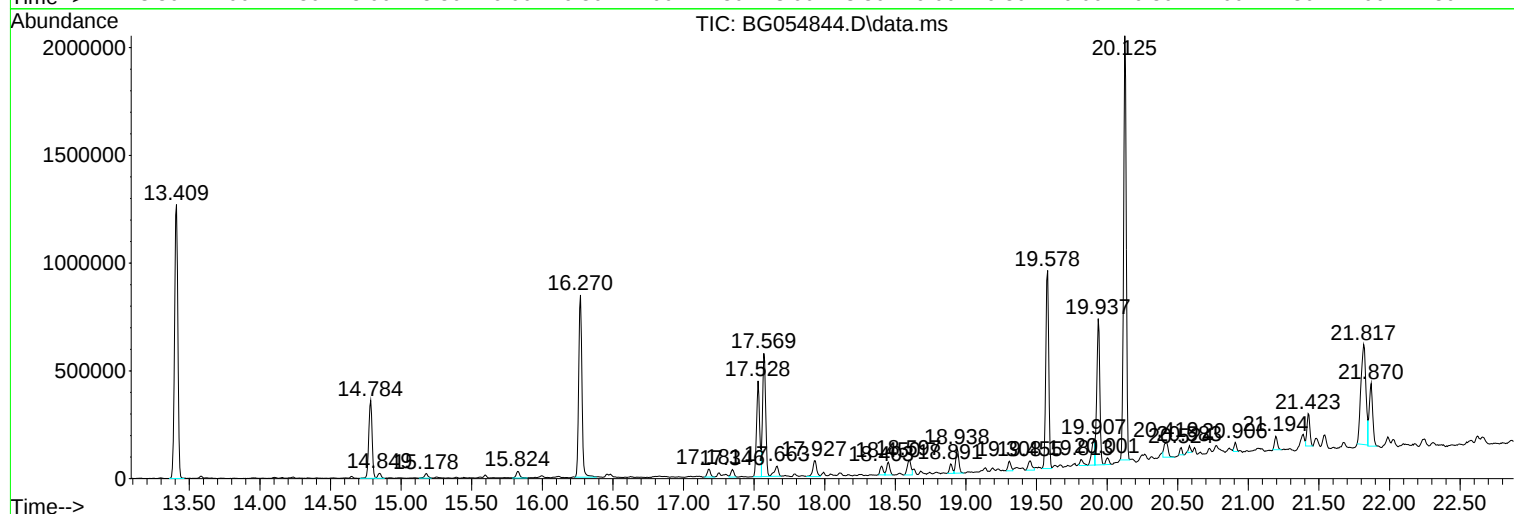
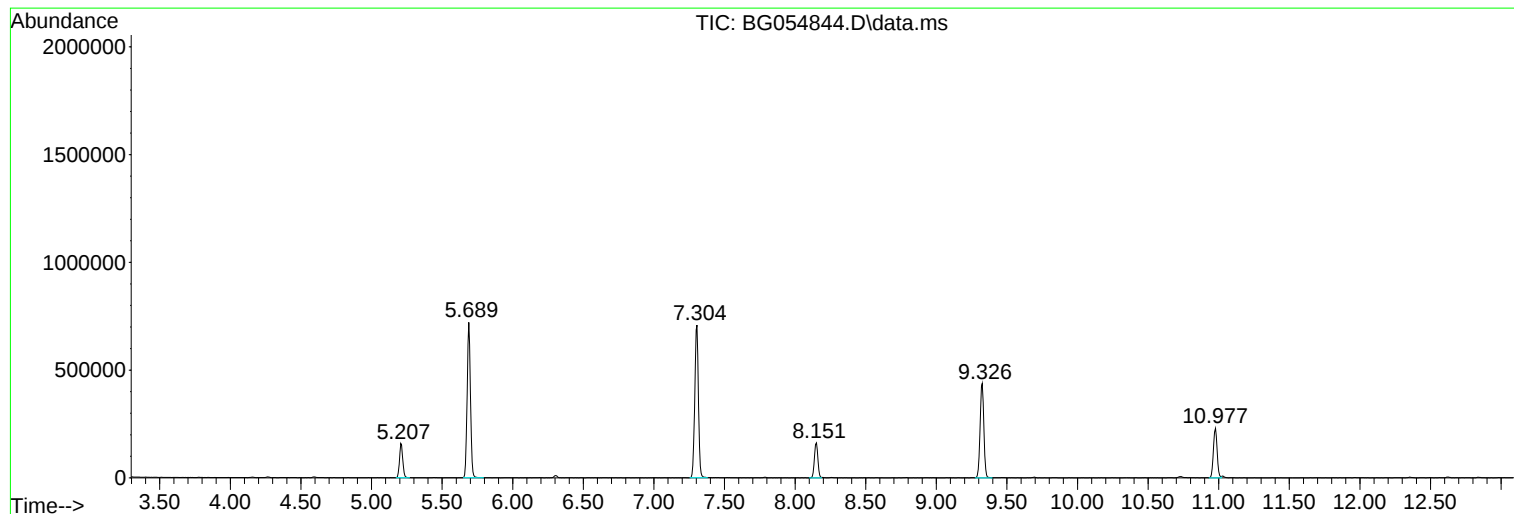
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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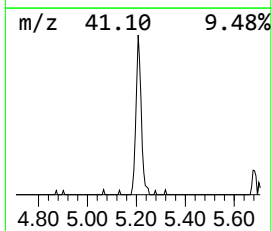
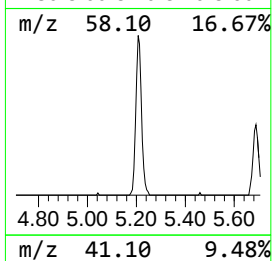
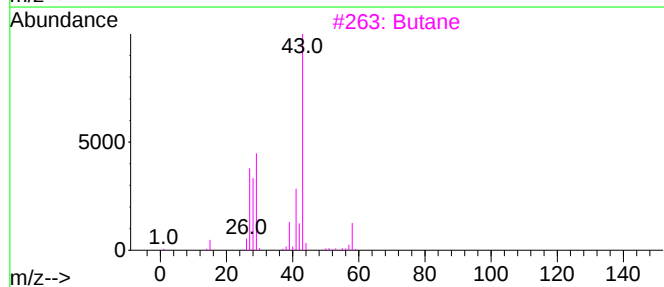
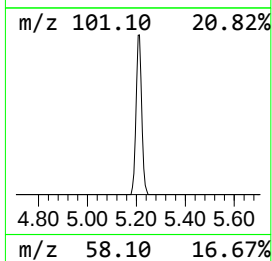
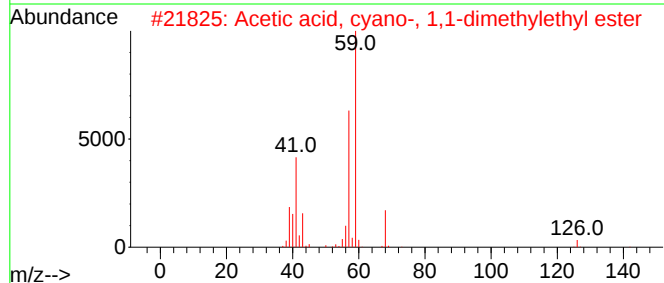
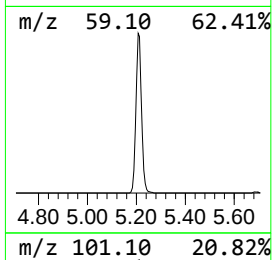
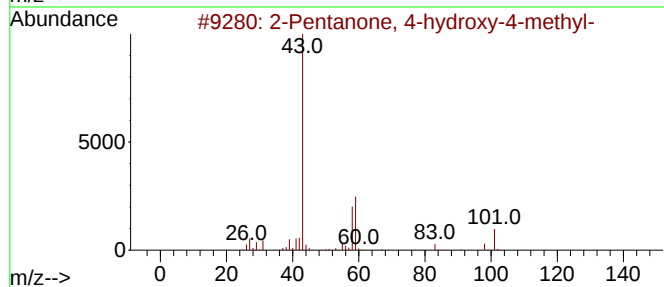
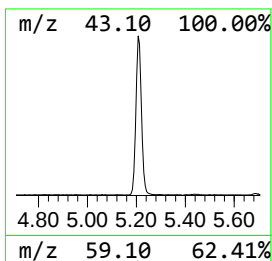
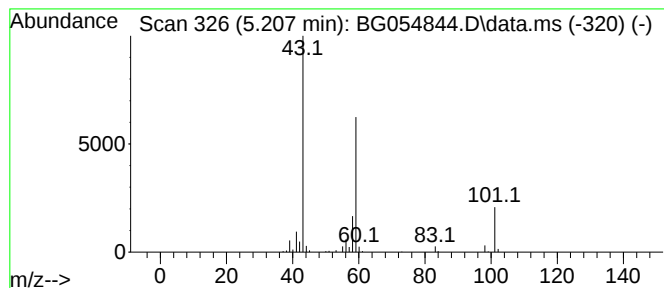
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.207	18.26 ng	253266	1,4-Dichlorobenzene-d4	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3			Butane	58	C4H10	000106-97-8	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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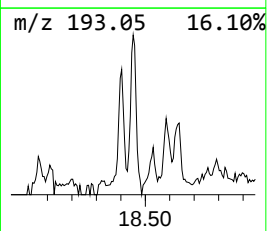
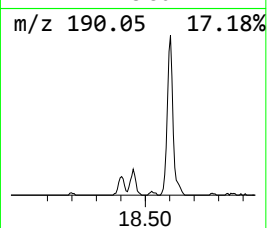
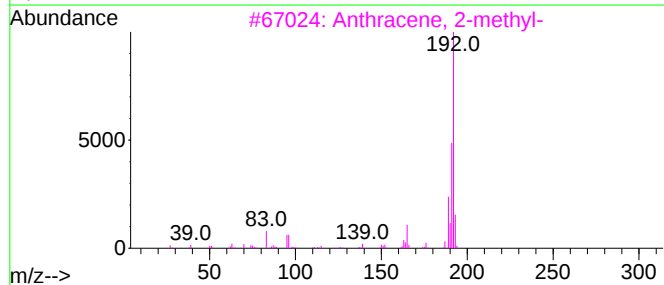
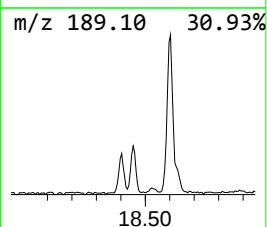
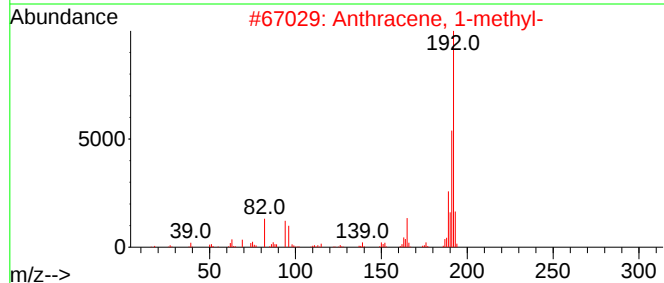
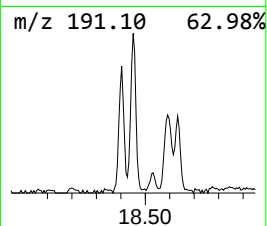
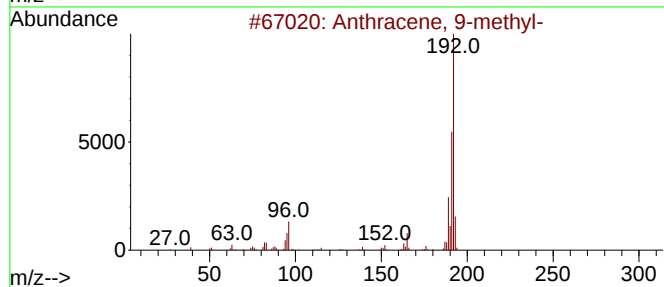
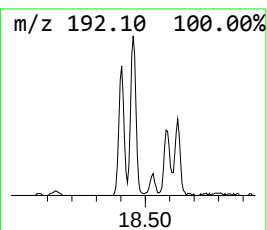
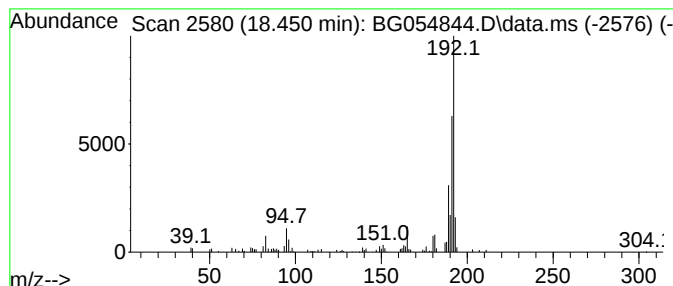
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	2.66 ng	92461	Phenanthrene-d10	17.528

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



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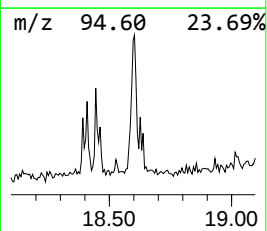
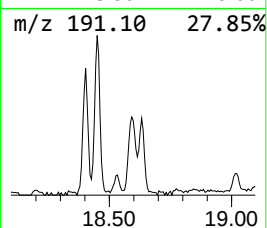
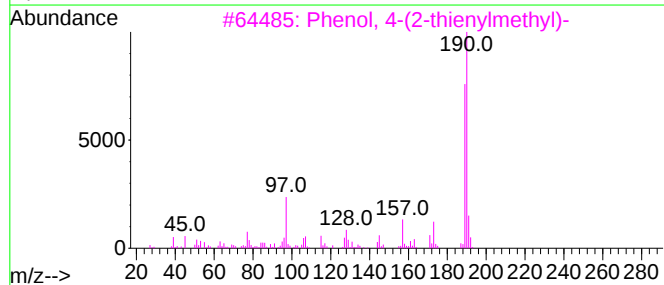
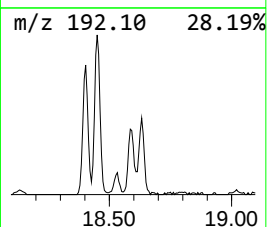
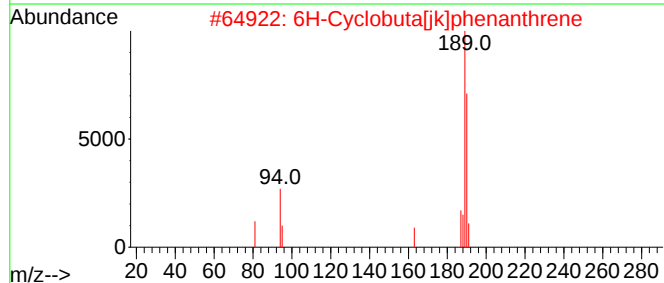
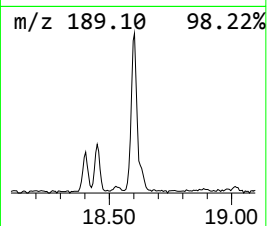
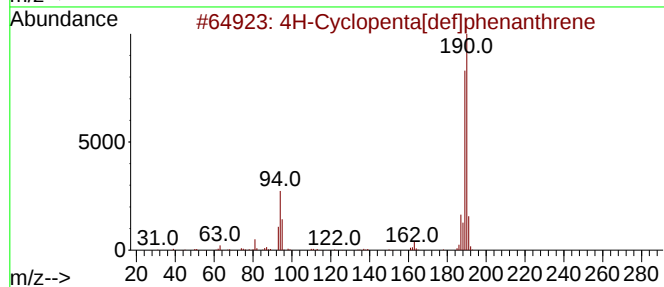
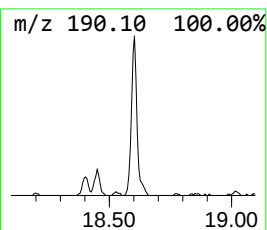
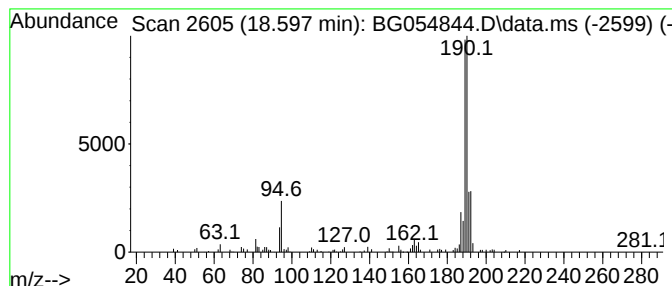
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.597	3.76 ng	130879	Phenanthrene-d10	17.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	36
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5			Cyclohexanone, 2-(2-furanylmethyl)-	190	C12H14O2	056053-07-7	27



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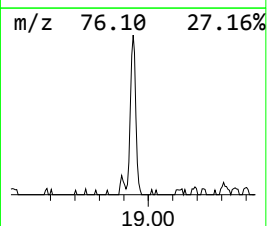
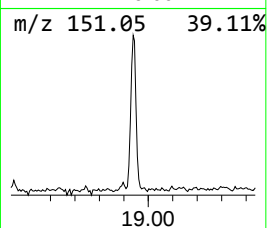
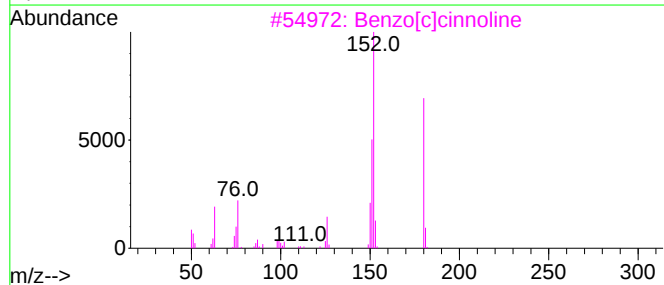
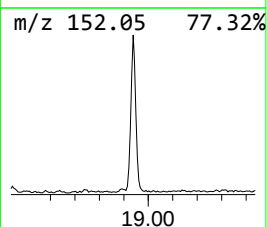
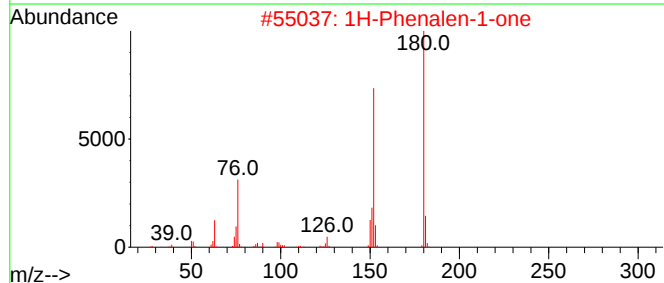
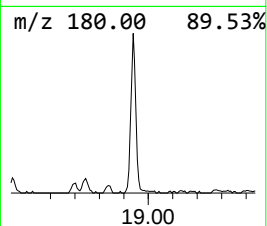
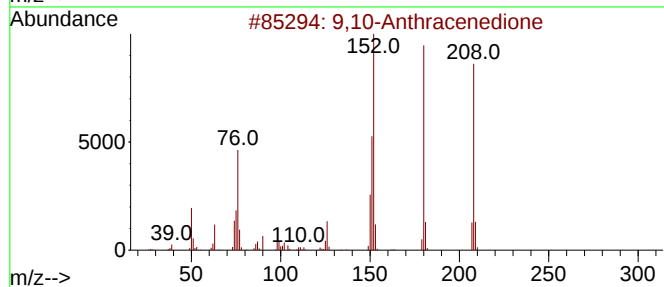
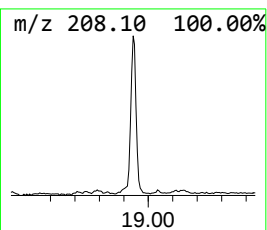
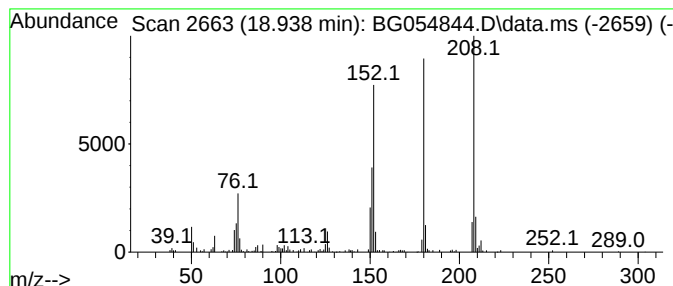
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.938	4.89 ng	169948	Phenanthrene-d10	17.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	62



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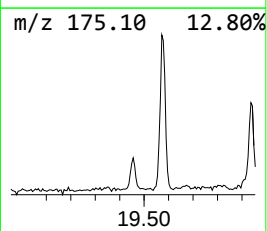
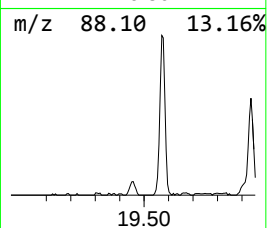
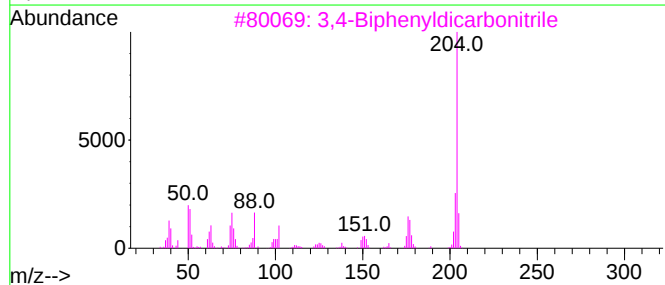
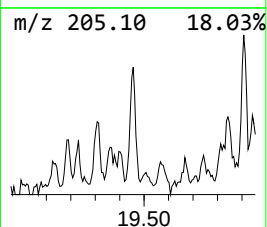
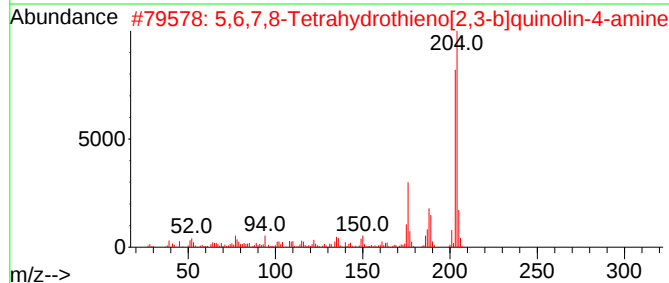
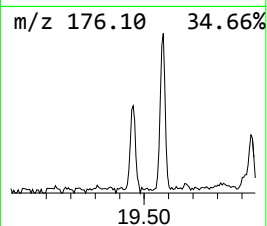
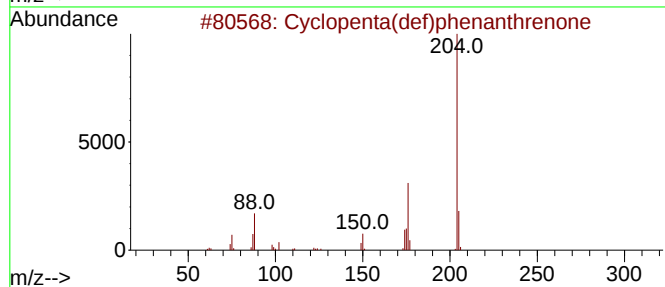
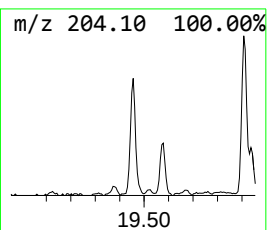
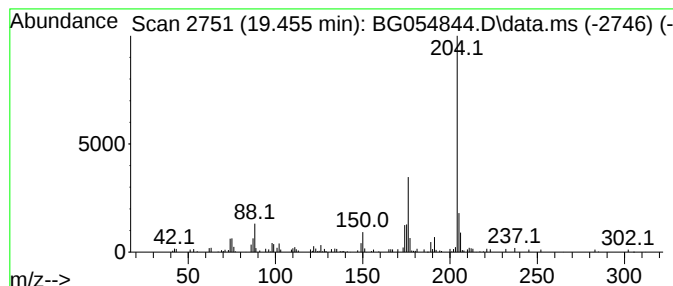
Instrument :
BNA_G
ClientSampleId :
H-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.455	2.41 ng	83798	Phenanthrene-d10	17.528	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054844.D
Acq On : 2 Sep 2022 17:35
Operator : CG/JU
Sample : N4487-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H-1

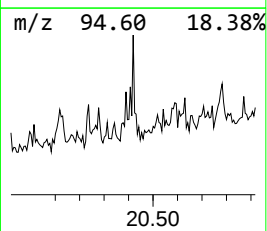
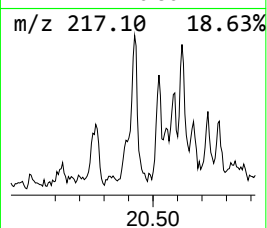
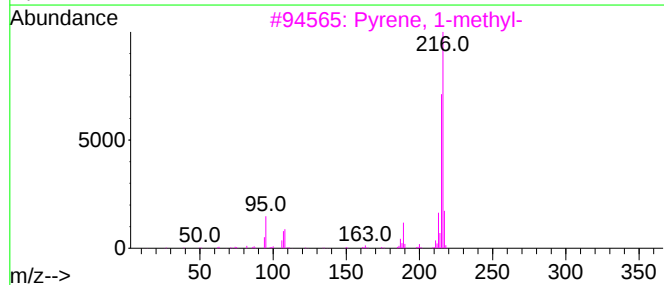
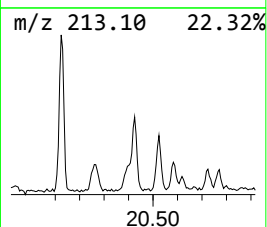
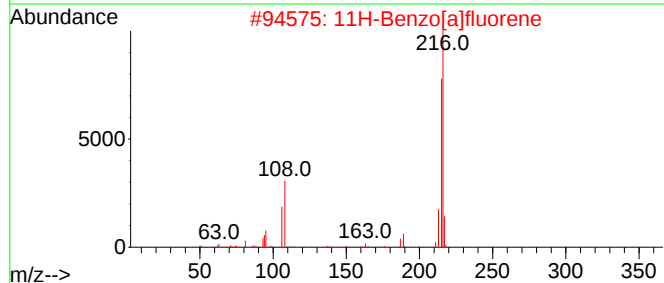
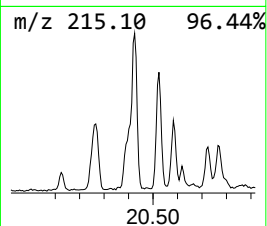
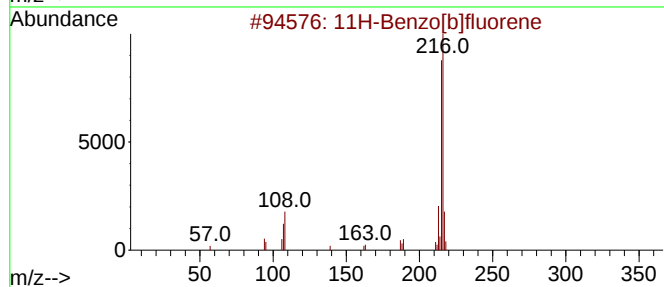
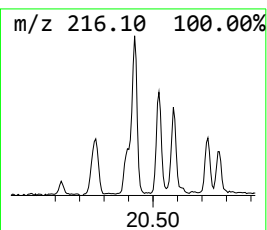
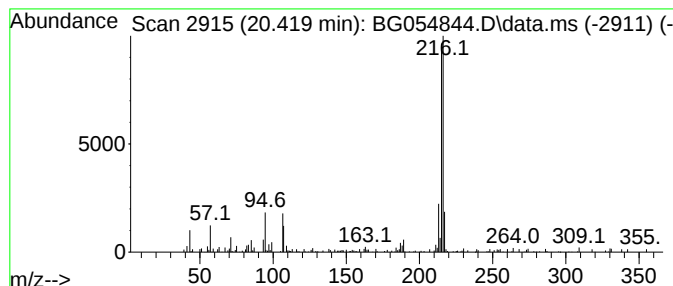
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.419	2.34 ng	136232	Chrysene-d12	21.823

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054844.D
Acq On : 2 Sep 2022 17:35
Operator : CG/JU
Sample : N4487-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H-1

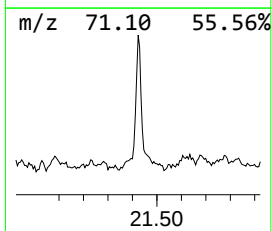
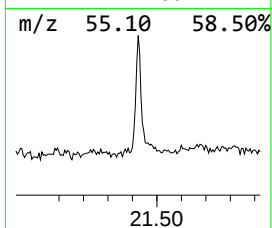
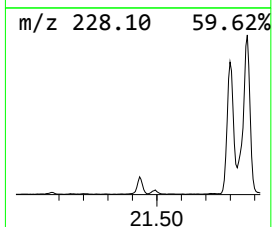
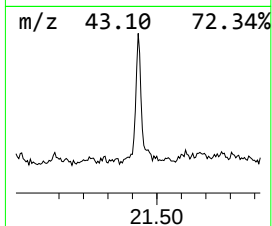
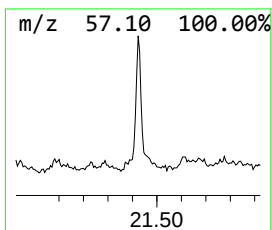
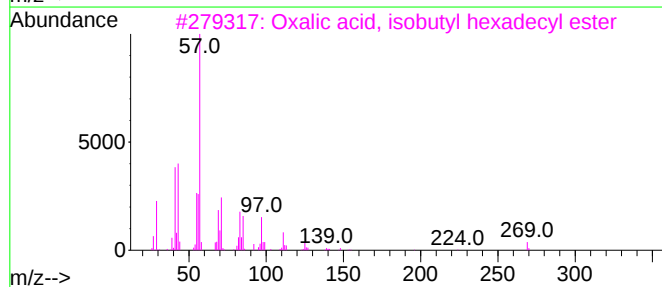
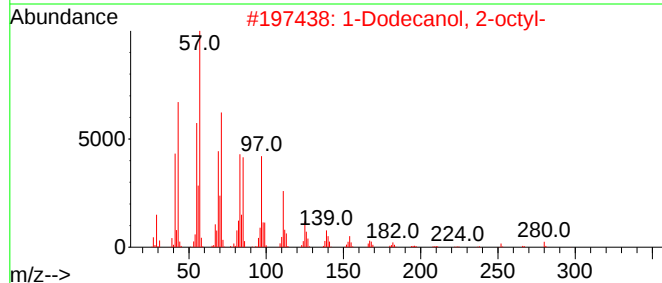
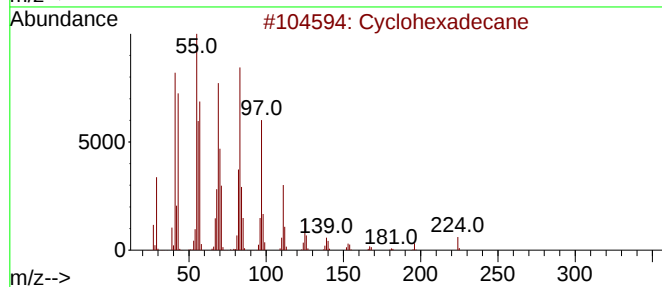
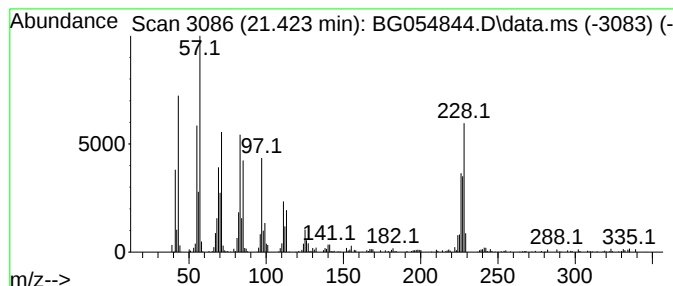
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.423	3.62 ng	210598	Chrysene-d12	21.823

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	81
2			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	58
3			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
4			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	55
5			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054844.D
Acq On : 2 Sep 2022 17:35
Operator : CG/JU
Sample : N4487-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.207	18.3	ng	253266	1	8.151	277403	20.0
Anthracene, 9-m...	18.450	2.7	ng	92461	4	17.528	695511	20.0
4H-Cyclopenta[d...	18.597	3.8	ng	130879	4	17.528	695511	20.0
9,10-Anthracene...	18.938	4.9	ng	169948	4	17.528	695511	20.0
Cyclopenta(def)...	19.455	2.4	ng	83798	4	17.528	695511	20.0
11H-Benzo[b]flu...	20.419	2.3	ng	136232	5	21.823	1162300	20.0
Cyclohexadecane	21.423	3.6	ng	210598	5	21.823	1162300	20.0