

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056539.D
 Acq On : 3 Feb 2023 15:09
 Operator : CG/JU
 Sample : 01410-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-225

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056539.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.311	337	344	351	rBV	101358	162525	8.15%	0.779%
2	5.793	419	426	437	rBV	425533	695282	34.87%	3.331%
3	7.420	695	703	712	rBV	437986	760364	38.14%	3.643%
4	8.272	841	848	855	rBV	131028	215470	10.81%	1.032%
5	9.447	1040	1048	1057	rBV	264198	464678	23.31%	2.227%
6	11.104	1322	1330	1335	rBV	170348	313616	15.73%	1.503%
7	11.157	1335	1339	1347	rVB	57851	98537	4.94%	0.472%
8	12.743	1603	1609	1615	rBB	23722	36470	1.83%	0.175%
9	12.955	1637	1645	1651	rBB	18599	28391	1.42%	0.136%
10	13.519	1733	1741	1750	rBB	949844	1426997	71.57%	6.838%
11	14.212	1850	1859	1864	rBV3	11887	22491	1.13%	0.108%
12	14.618	1921	1928	1935	rBV	18155	34245	1.72%	0.164%
13	14.894	1969	1975	1981	rVB	310911	477287	23.94%	2.287%
14	14.958	1981	1986	1992	rVB	56651	89154	4.47%	0.427%
15	15.287	2035	2042	2047	rBV	40265	66019	3.31%	0.316%
16	15.934	2146	2152	2162	rVB2	63617	103028	5.17%	0.494%
17	16.227	2197	2202	2207	rVB	29184	48339	2.42%	0.232%
18	16.374	2220	2227	2234	rBV	691929	1041803	52.25%	4.992%
19	16.603	2261	2266	2272	rVB7	10878	20911	1.05%	0.100%
20	16.932	2313	2322	2326	rBV5	12216	26083	1.31%	0.125%
21	17.150	2351	2359	2363	rBV5	10239	24964	1.25%	0.120%
22	17.285	2377	2382	2388	rVB	22479	34245	1.72%	0.164%
23	17.450	2405	2410	2421	rVB	30147	48430	2.43%	0.232%
24	17.632	2434	2441	2445	rBV	395649	632308	31.71%	3.030%
25	17.673	2445	2448	2455	rVV	436652	630511	31.62%	3.021%
26	17.767	2455	2464	2468	rVV	60798	93754	4.70%	0.449%
27	17.820	2470	2473	2477	rVB	15564	22619	1.13%	0.108%
28	18.031	2503	2509	2515	rBV	57948	98748	4.95%	0.473%
29	18.213	2533	2540	2547	rBV2	27658	48077	2.41%	0.230%
30	18.354	2560	2564	2571	rVB2	14335	26870	1.35%	0.129%
31	18.478	2580	2585	2587	rBV	97631	138028	6.92%	0.661%
32	18.501	2587	2589	2593	rVV	97214	123790	6.21%	0.593%
33	18.548	2593	2597	2603	rVB	110965	162296	8.14%	0.778%
34	18.631	2606	2611	2616	rVB	21624	33704	1.69%	0.161%
35	18.695	2616	2622	2626	rBV2	98045	215036	10.79%	1.030%
36	18.730	2626	2628	2632	rVB	58083	62366	3.13%	0.299%

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Integrator: RTE

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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

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37	18.889	2651	2655	2660	rVB5	14247	22944	1.15%	0.110%
38	18.989	2667	2672	2676	rBV	57580	91326	4.58%	0.438%
39	19.036	2676	2680	2687	rVB3	67175	105504	5.29%	0.506%
40	19.230	2710	2713	2718	rVB	23311	30022	1.51%	0.144%

41	19.283	2718	2722	2725	rBV	26067	32949	1.65%	0.158%
42	19.318	2725	2728	2734	rVB2	25746	37534	1.88%	0.180%
43	19.400	2736	2742	2746	rBV	77158	132727	6.66%	0.636%
44	19.465	2748	2753	2756	rBV5	18825	31320	1.57%	0.150%
45	19.547	2762	2767	2772	rBV3	48009	94045	4.72%	0.451%

46	19.670	2781	2788	2793	rBV	883881	1227460	61.56%	5.881%
47	19.729	2793	2798	2801	rBV7	22239	37316	1.87%	0.179%
48	19.811	2809	2812	2815	rBV2	21106	29394	1.47%	0.141%
49	19.911	2824	2829	2835	rVB	28643	63443	3.18%	0.304%
50	19.994	2838	2843	2845	rVV2	127248	204896	10.28%	0.982%

51	20.029	2845	2849	2855	rVV	777910	1084449	54.39%	5.196%
52	20.088	2855	2859	2866	rVB	56015	83914	4.21%	0.402%
53	20.211	2874	2880	2884	rBV	1528039	1993782	100.00%	9.553%
54	20.346	2896	2903	2908	rBV4	69659	182742	9.17%	0.876%
55	20.511	2928	2931	2936	rVB	115227	161379	8.09%	0.773%

56	20.611	2944	2948	2951	rBV	65022	83618	4.19%	0.401%
57	20.669	2952	2958	2962	rVV2	74543	119762	6.01%	0.574%
58	20.810	2979	2982	2986	rBV	65483	85067	4.27%	0.408%
59	20.857	2987	2990	2999	rVB3	56119	95862	4.81%	0.459%
60	21.292	3059	3064	3070	rVB	80998	135566	6.80%	0.650%

61	21.492	3093	3098	3102	rBV3	76662	158640	7.96%	0.760%
62	21.580	3109	3113	3118	rBV2	66646	119065	5.97%	0.571%
63	21.639	3119	3123	3133	rVB2	85787	162959	8.17%	0.781%
64	21.762	3139	3144	3154	rVB2	128640	199946	10.03%	0.958%
65	21.915	3162	3170	3176	rBV3	485962	1382250	69.33%	6.623%

66	21.974	3176	3180	3188	rVB	348502	586781	29.43%	2.812%
67	22.132	3203	3207	3213	rBV	49469	81859	4.11%	0.392%
68	22.203	3216	3219	3225	rBV3	23690	46355	2.32%	0.222%
69	22.350	3240	3244	3250	rVB2	41701	76805	3.85%	0.368%
70	24.253	3560	3568	3576	rBV2	240515	845972	42.43%	4.054%

71	24.529	3610	3615	3622	rVB	45443	98072	4.92%	0.470%
72	25.029	3692	3700	3712	rVB	153762	460353	23.09%	2.206%
73	25.182	3718	3726	3736	rVB	206561	585327	29.36%	2.805%
74	25.346	3746	3754	3763	rBV2	210990	578895	29.04%	2.774%
75	29.283	4417	4424	4446	rVB4	103751	465677	23.36%	2.231%

76	30.522	4625	4635	4651	rVB3	71943	326610	16.38%	1.565%
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ClientSampleId :
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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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

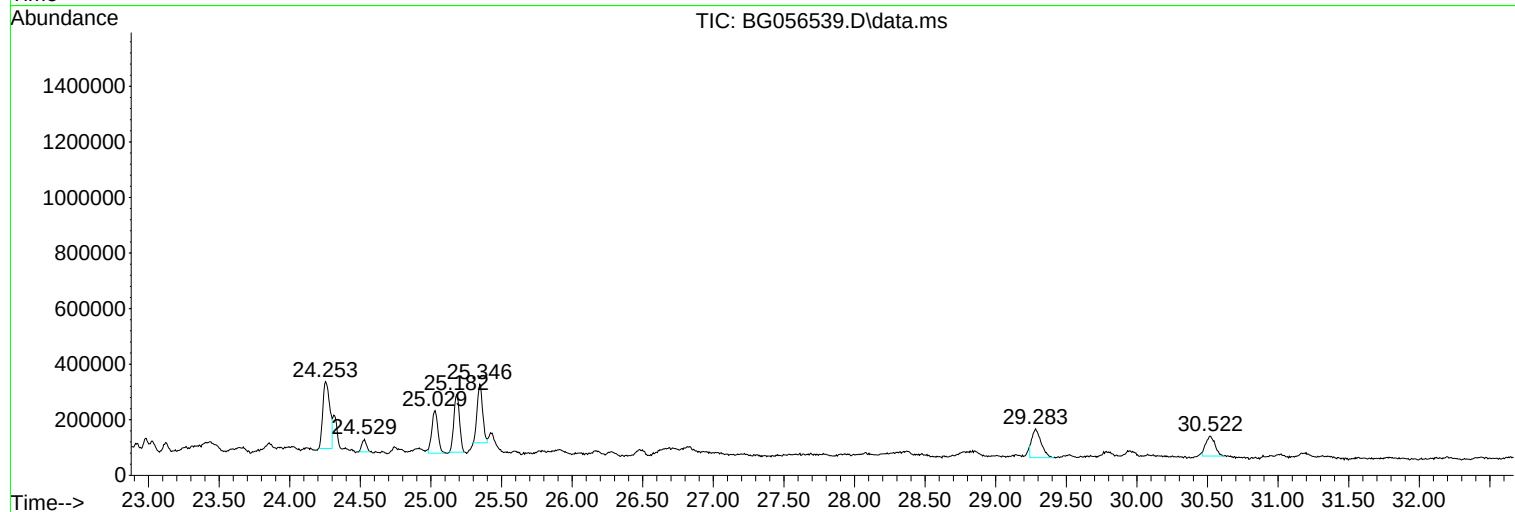
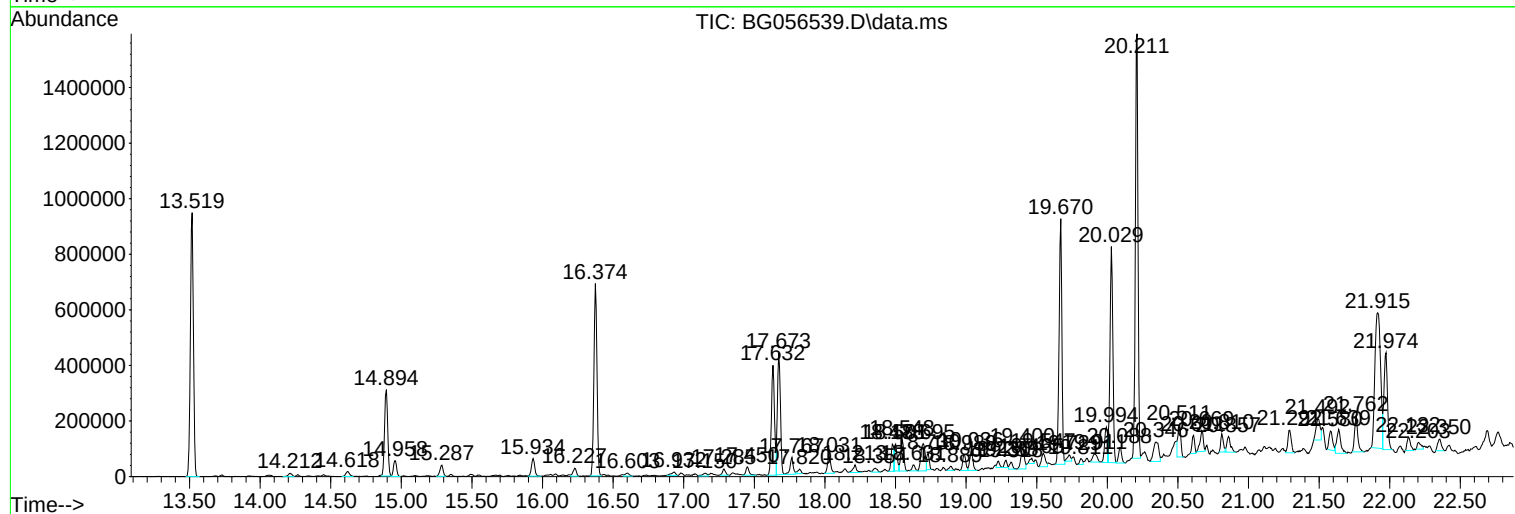
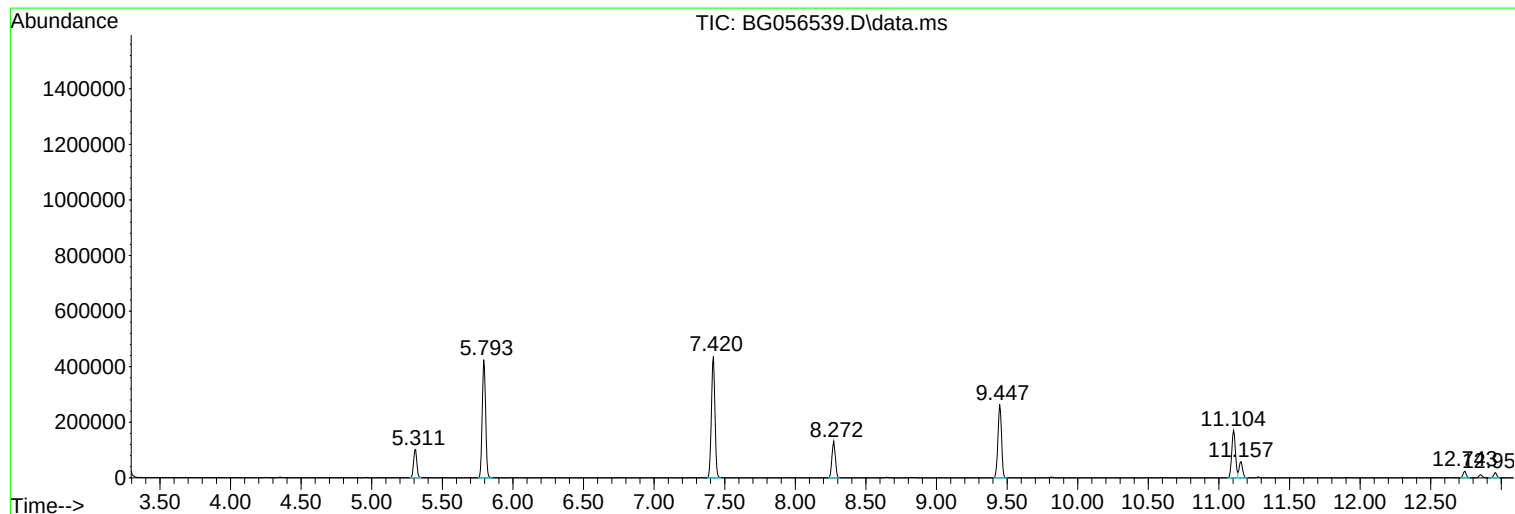
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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 : 01410-03
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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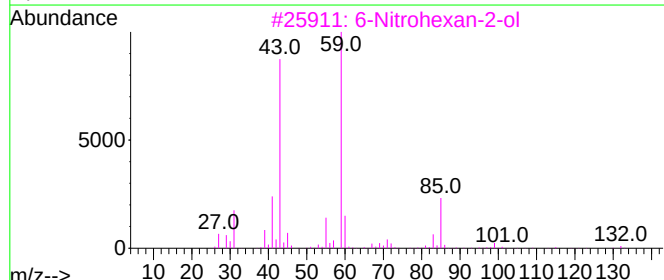
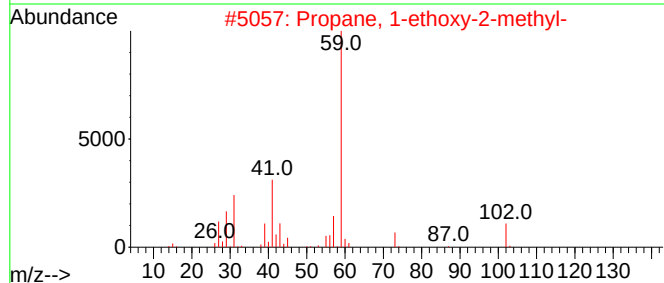
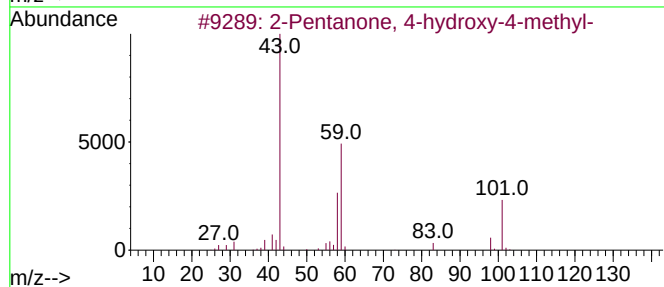
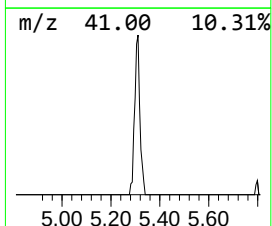
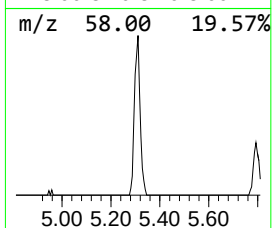
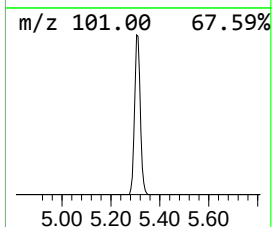
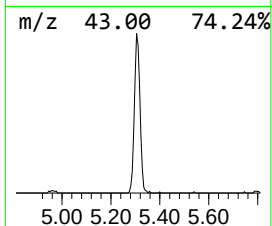
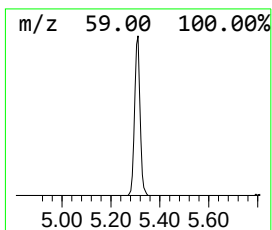
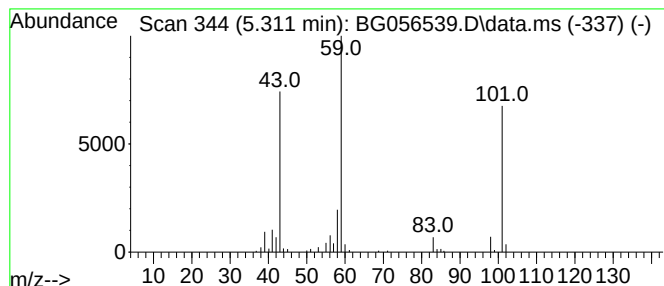
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.311	15.09 ng	162525	1,4-Dichlorobenzene-d4	8.272

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38		
3	6-Nitrohexan-2-ol	147	C6H13NO3	062224-53-7	25		
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		



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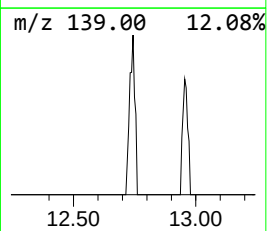
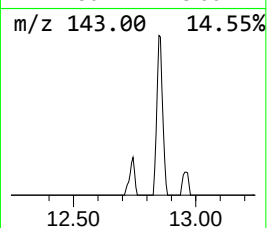
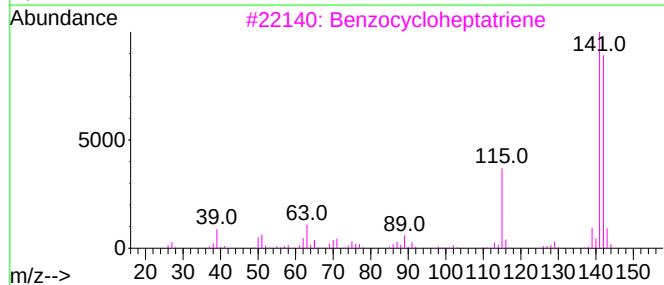
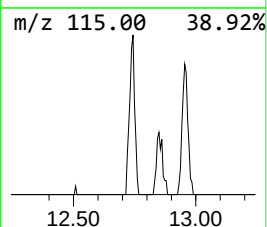
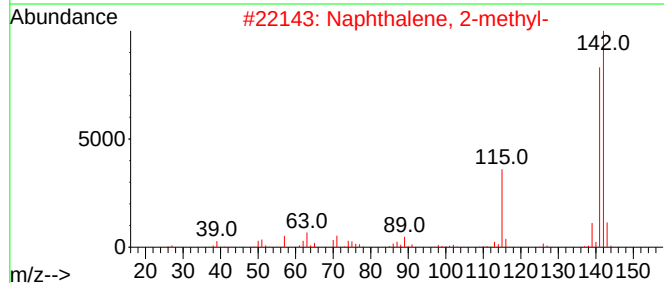
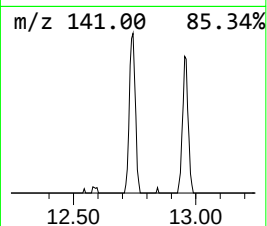
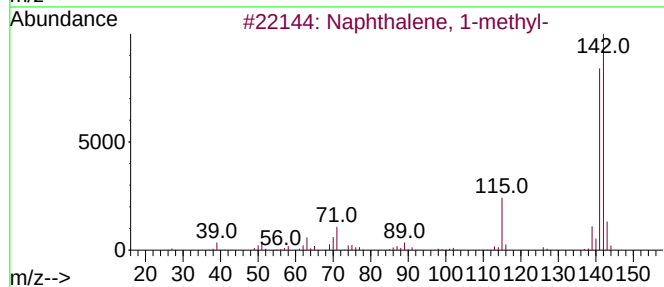
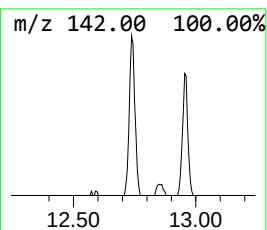
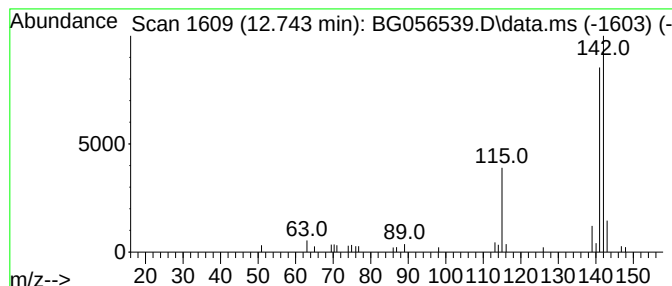
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzocycloheptatriene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	2.33 ng	36470	Naphthalene-d8	11.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	72
5			o-Tolunitrile, .alpha.-cyano-	142	C9H6N2	003759-28-2	49



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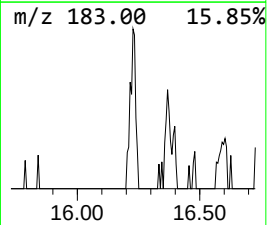
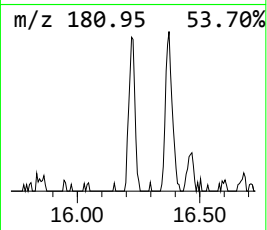
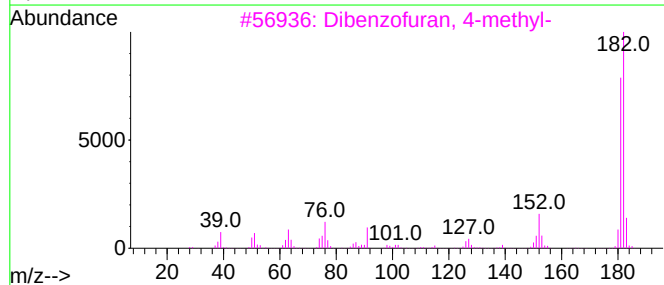
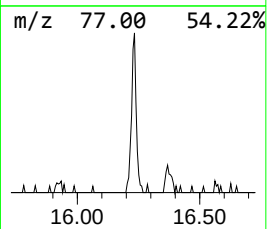
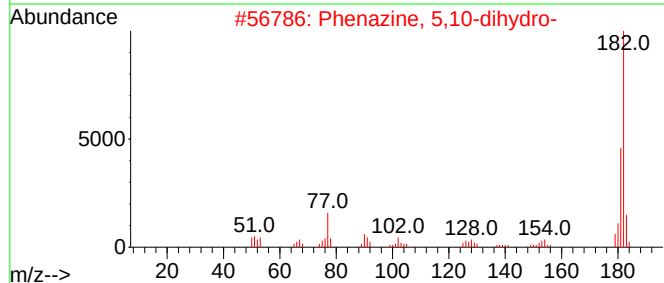
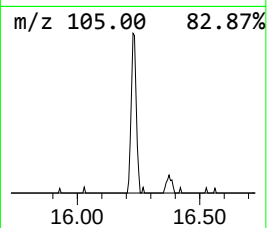
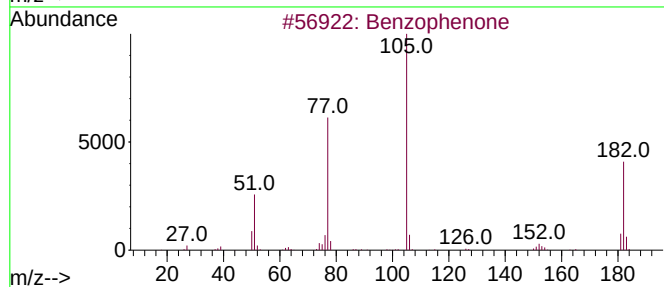
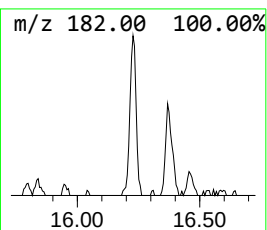
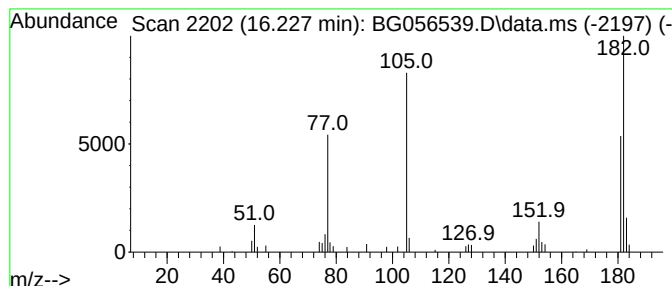
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	2.03 ng	48339	Acenaphthene-d10	14.894

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	74
2			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	58
3			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
4			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	43



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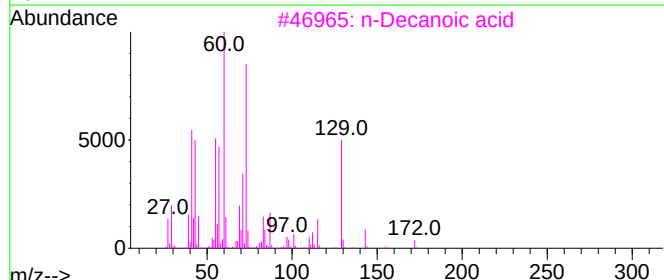
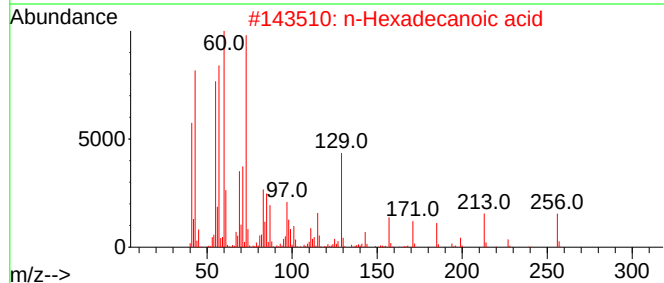
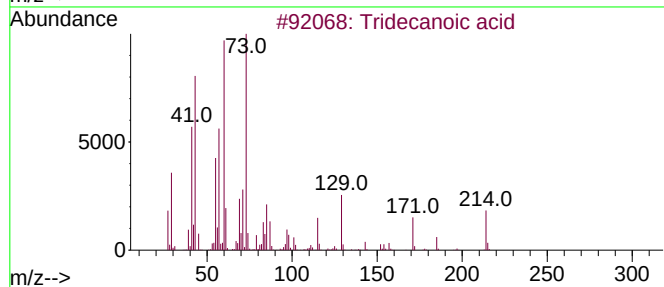
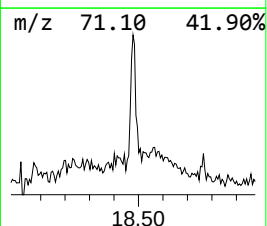
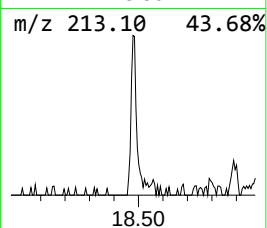
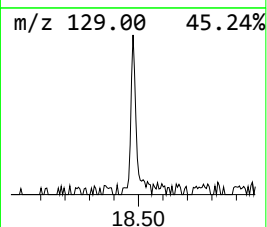
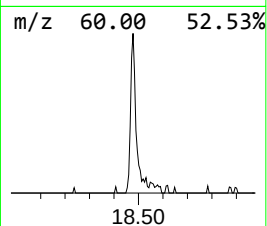
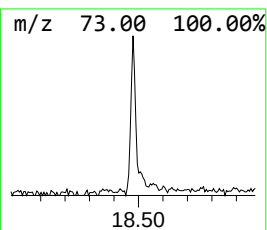
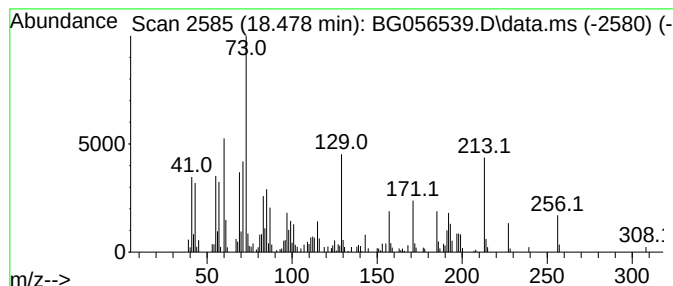
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.478	4.37 ng	138028	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	92
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			n-Decanoic acid	172	C10H20O2	000334-48-5	53
4			Undecanoic acid	186	C11H22O2	000112-37-8	38
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
Operator : CG/JU
Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-225

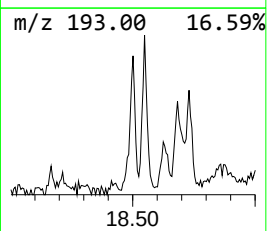
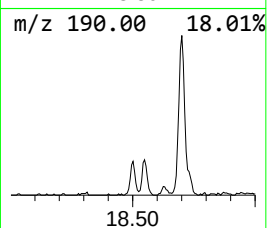
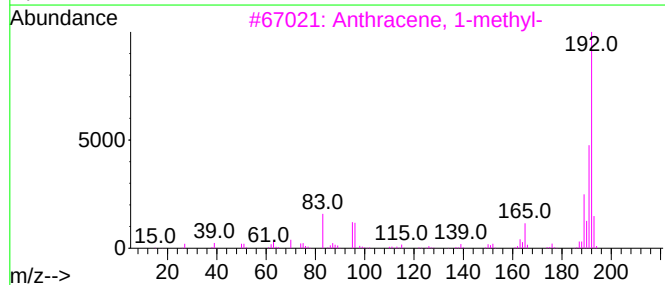
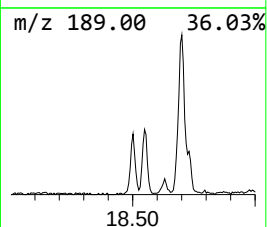
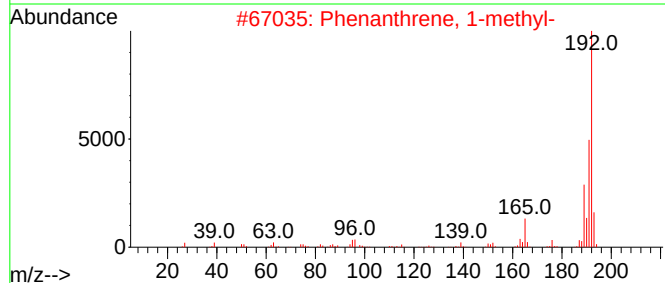
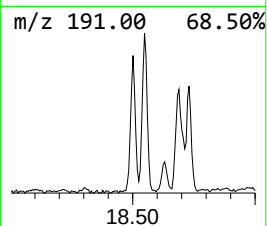
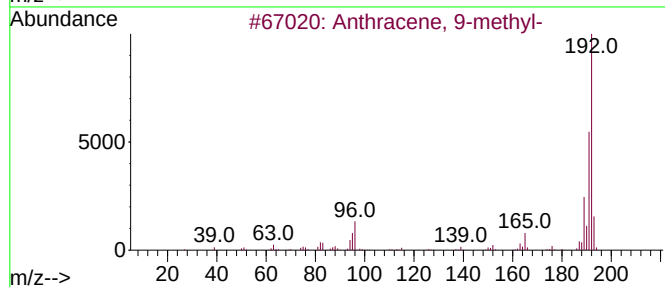
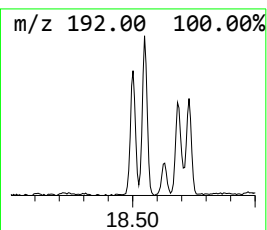
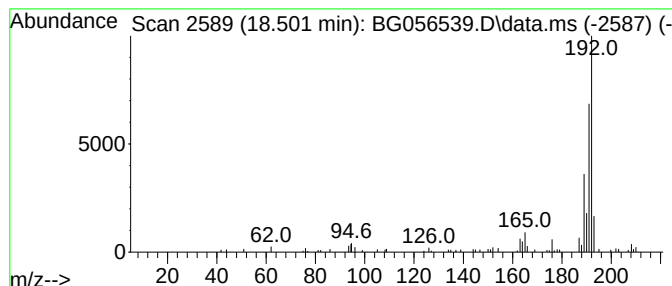
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.501	3.92 ng	123790	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Instrument :
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ClientSampleId :
VNJ-225

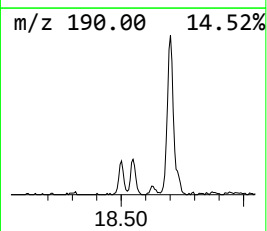
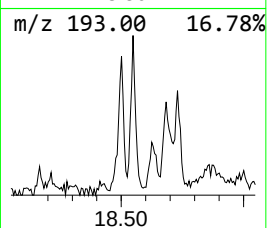
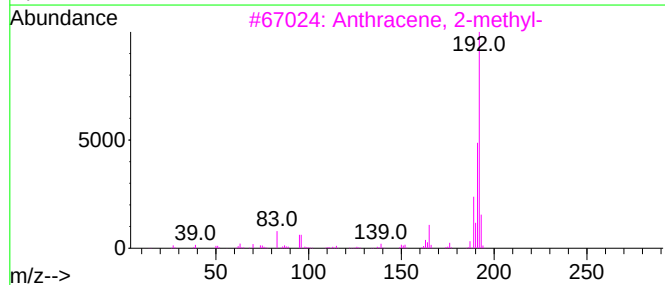
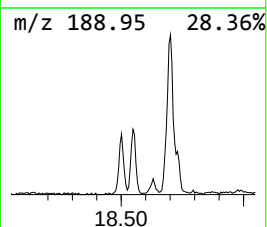
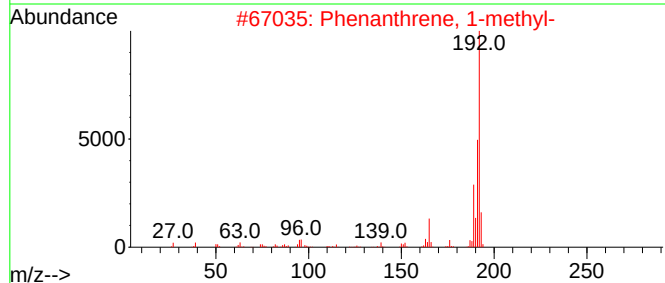
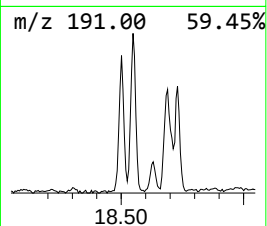
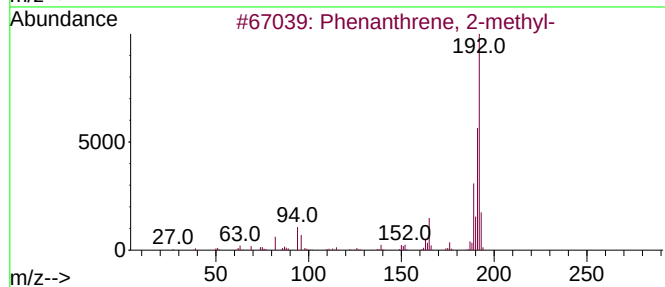
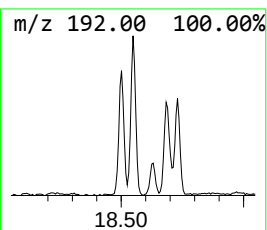
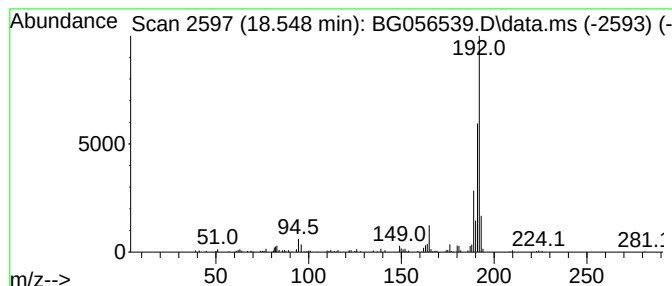
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.548	5.13 ng	162296	Phenanthrene-d10	17.632

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Operator : CG/JU
Sample : 01410-03
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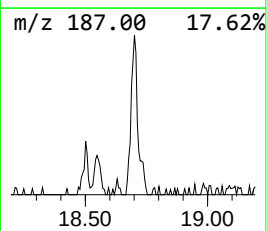
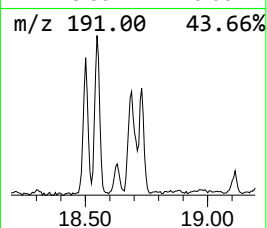
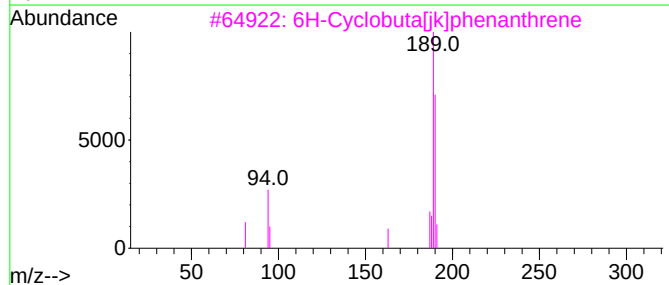
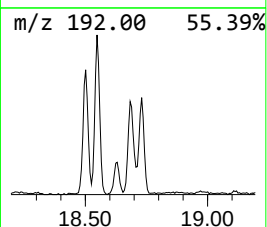
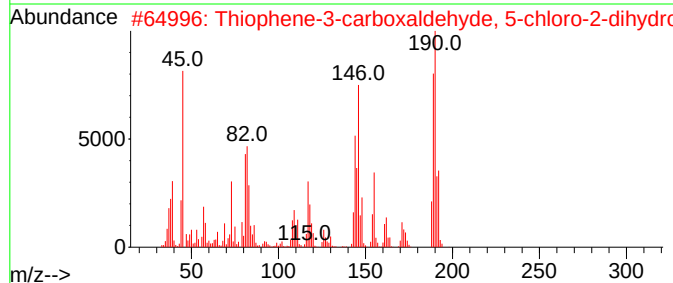
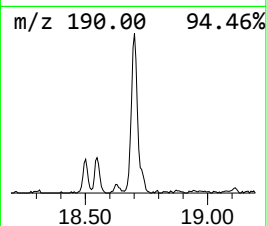
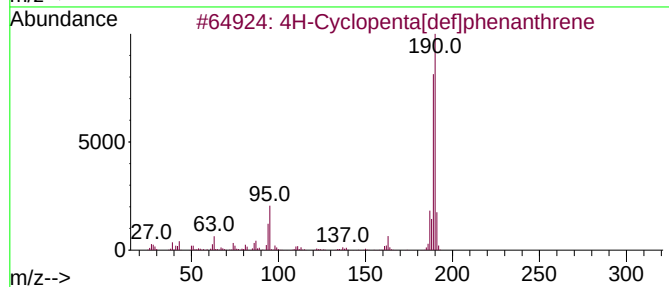
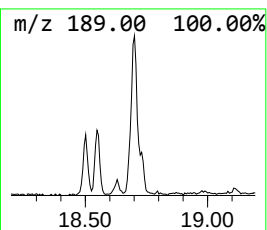
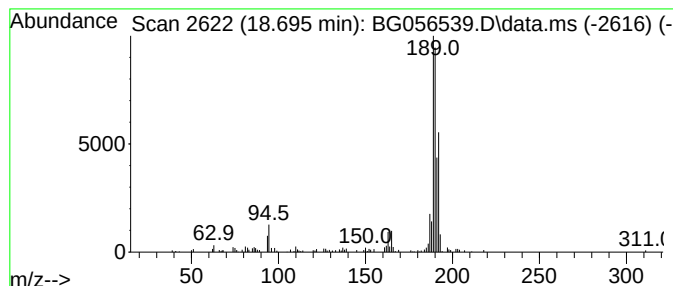
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.695	6.80 ng	215036	Phenanthrene-d10		17.632	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	50
4	Carbonic acid, ethyl 2-formyl-4,...		262	C10H8Cl2O4	1000331-34-4	40
5	Methyl diselenide		190	C2H6Se2	007101-31-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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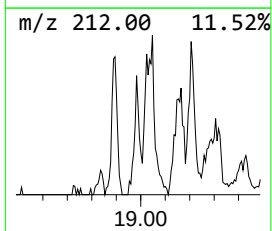
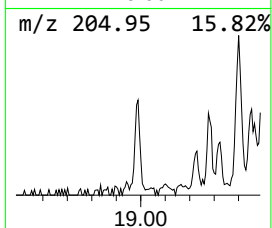
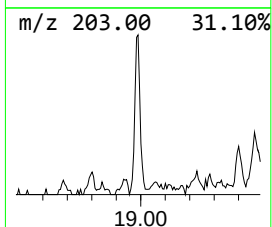
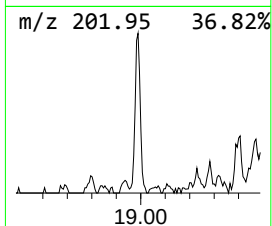
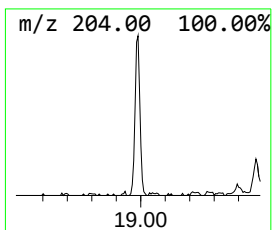
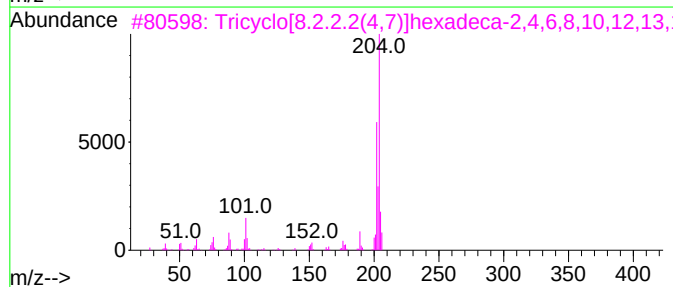
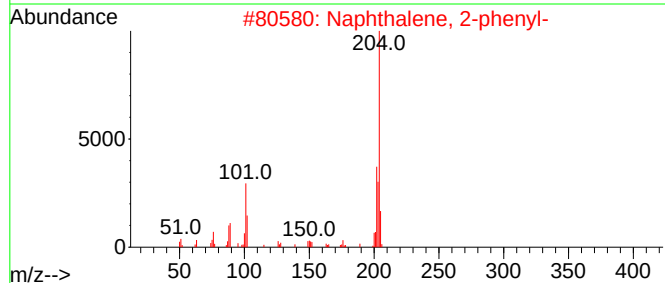
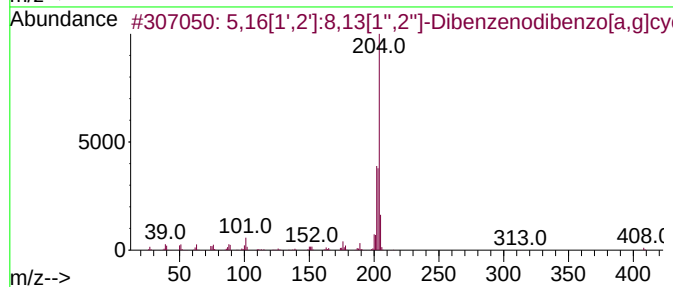
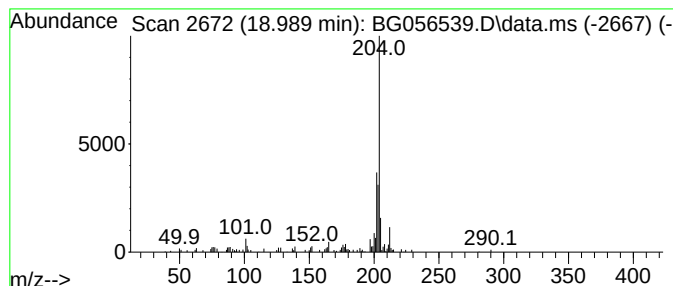
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.989	2.89 ng	91326	Phenanthrene-d10		17.632	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	70
4	6-Cyanophenanthridine		204	C14H8N2	002176-28-5	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
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Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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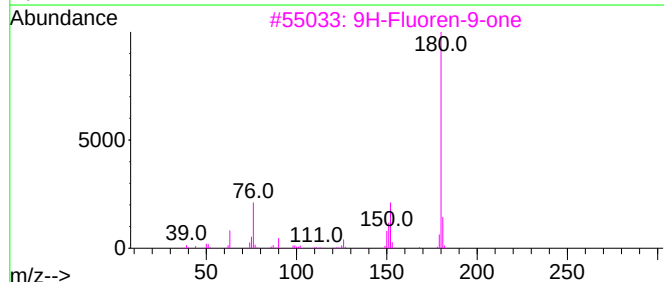
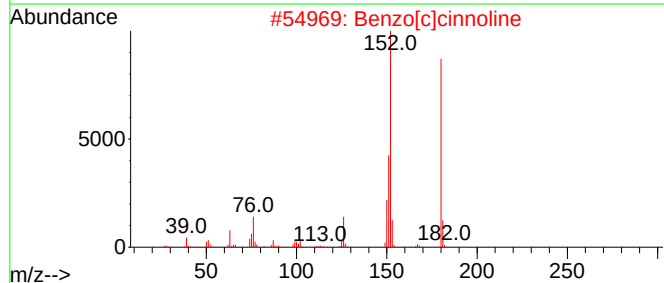
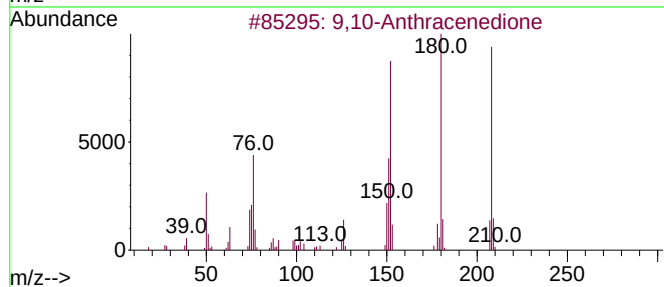
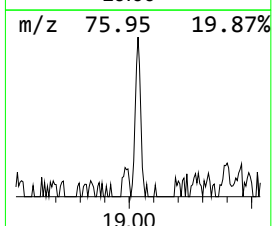
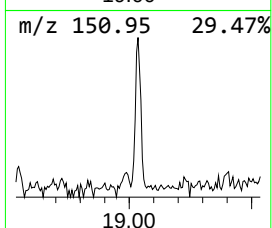
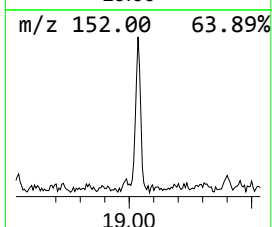
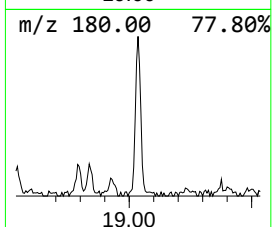
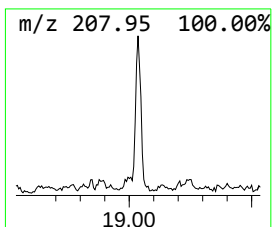
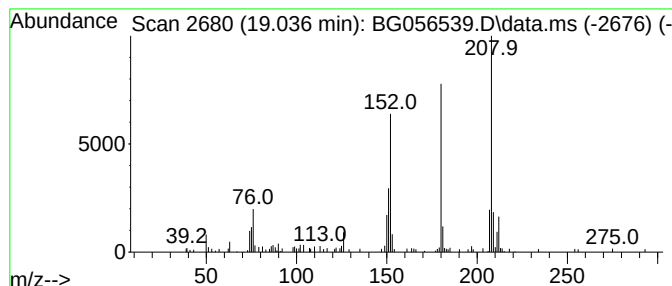
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.036	3.34 ng	105504	Phenanthrene-d10	17.632

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	89
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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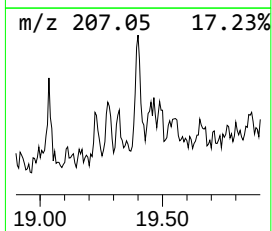
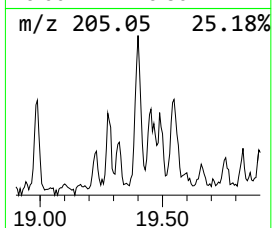
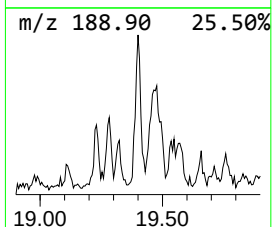
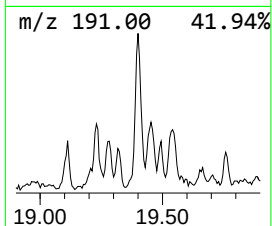
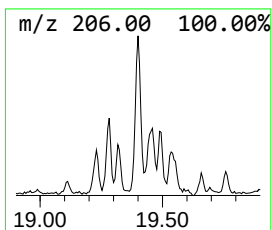
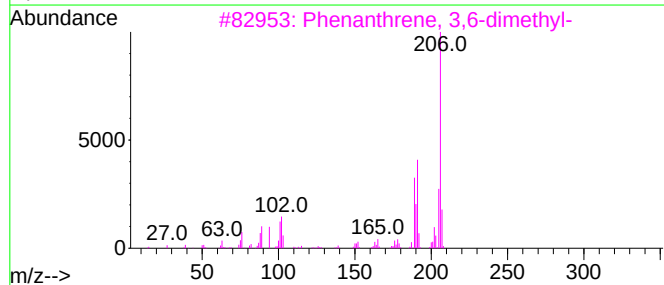
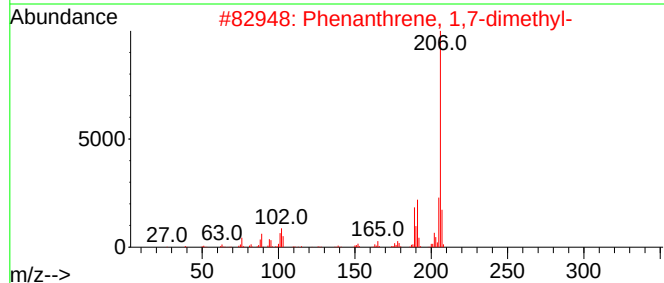
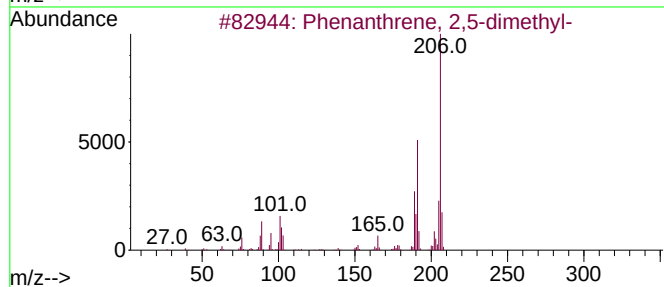
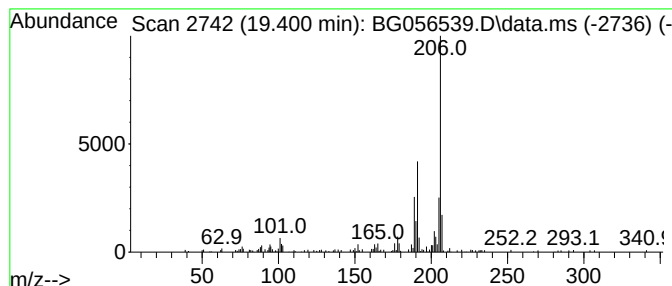
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.400	4.20 ng	132727	Phenanthrene-d10		17.632	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90
4	Naphthalene, 1,2-dihydro-4-phenyl-		206	C16H14	007469-40-1	87
5	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
Operator : CG/JU
Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-225

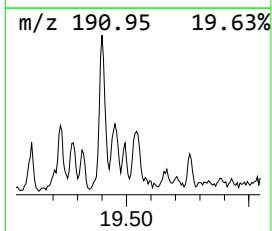
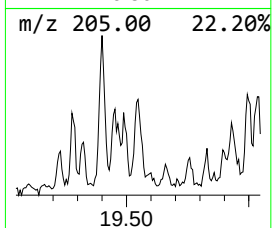
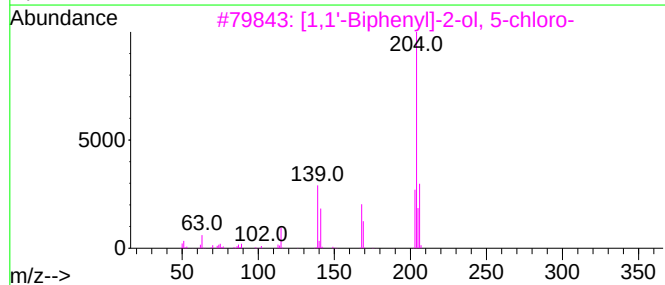
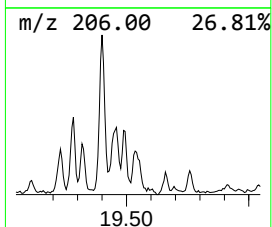
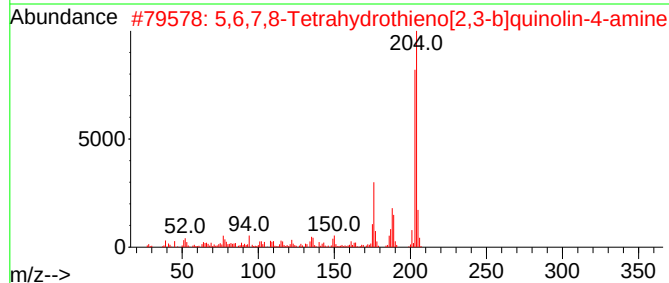
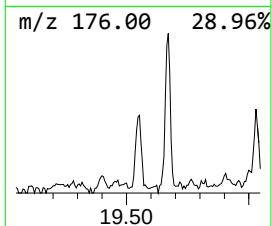
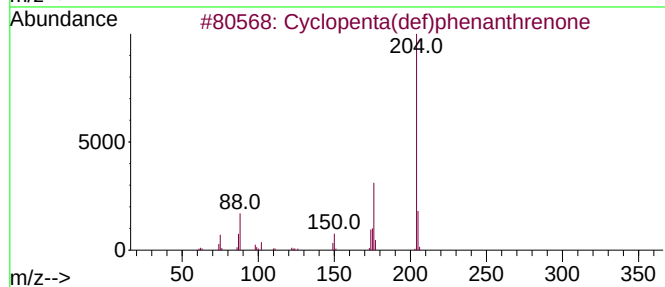
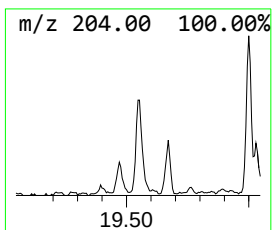
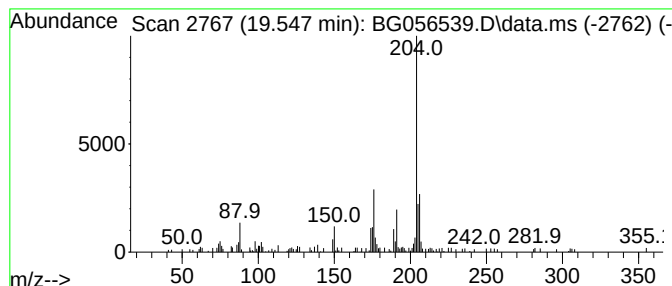
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.547	2.97 ng	94045	Phenanthrene-d10	17.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4			Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
Operator : CG/JU
Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

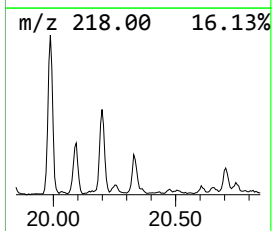
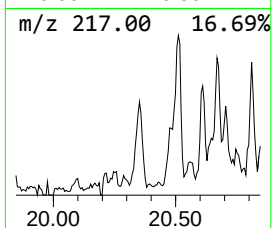
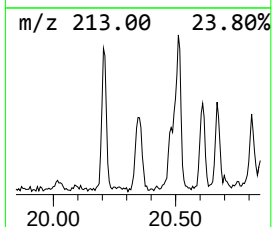
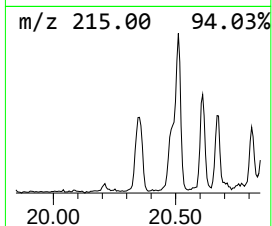
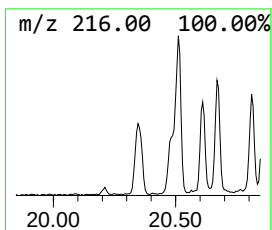
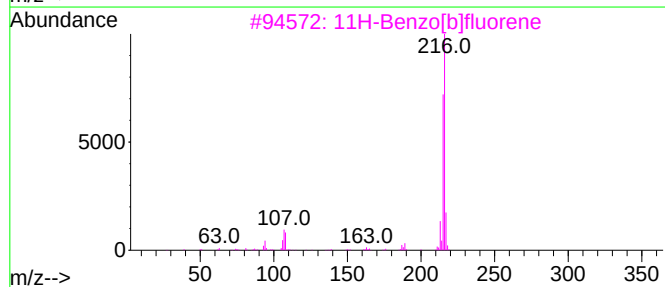
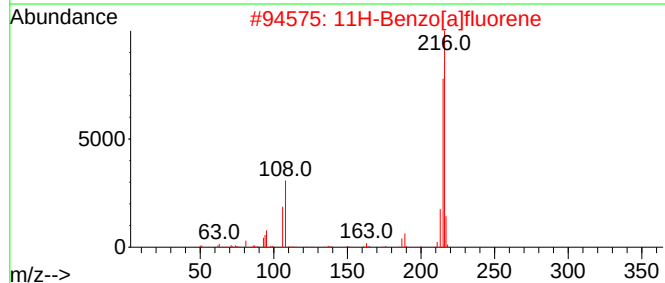
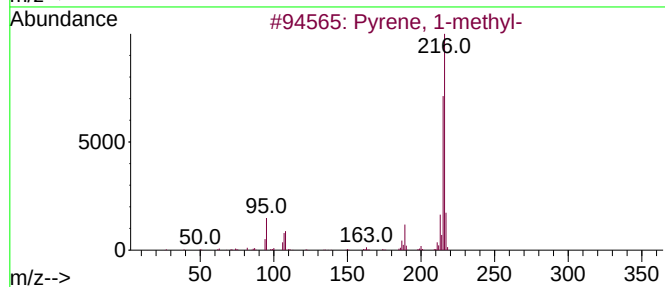
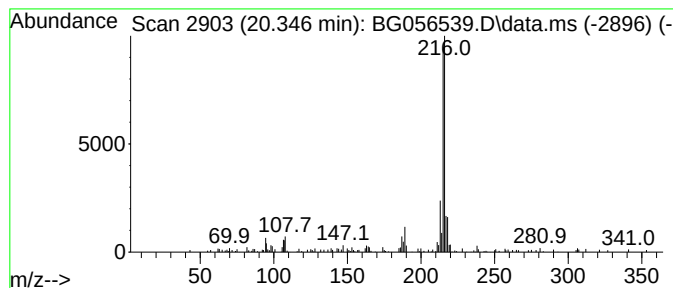
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ClientSampleId :
VNJ-225

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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 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.346	2.64 ng	182742	Chrysene-d12	21.927	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
Operator : CG/JU
Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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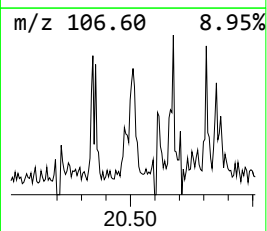
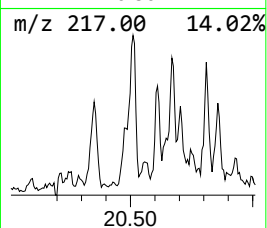
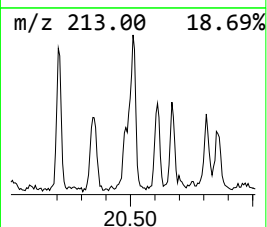
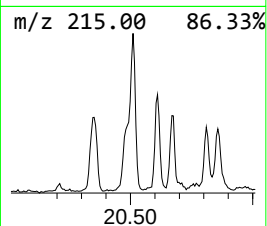
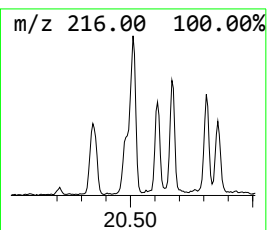
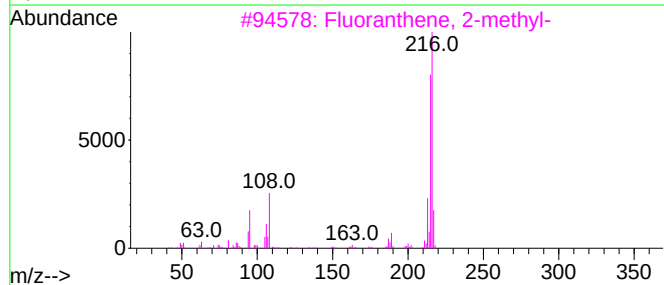
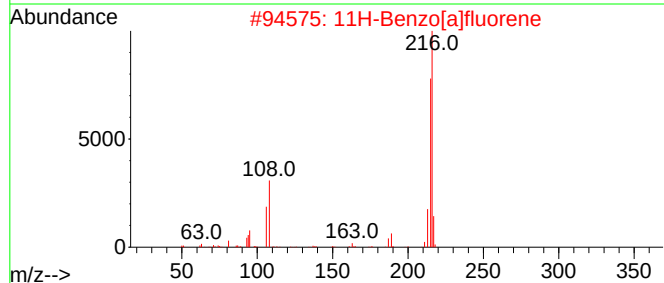
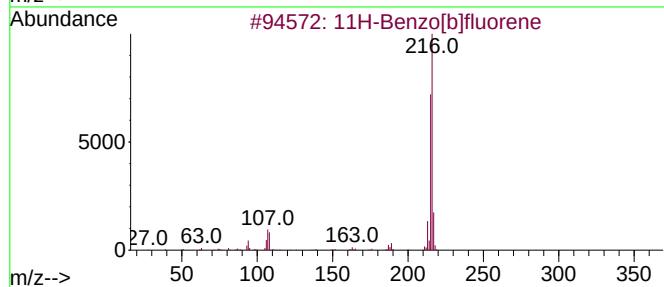
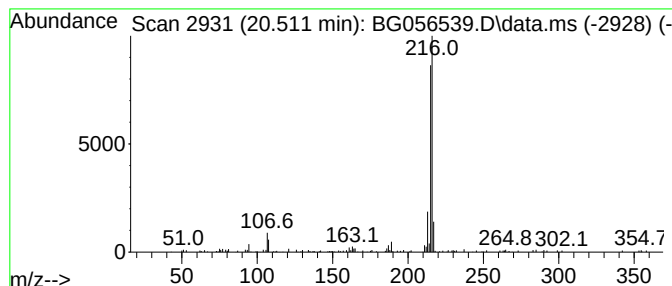
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.511	2.34 ng	161379	Chrysene-d12	21.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Operator : CG/JU
Sample : 01410-03
Misc :
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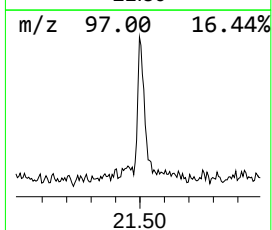
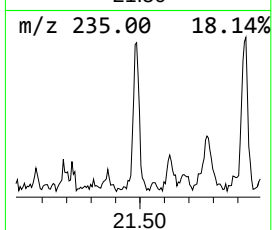
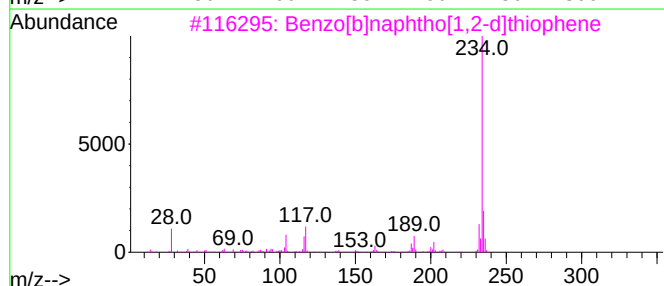
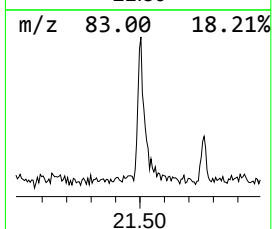
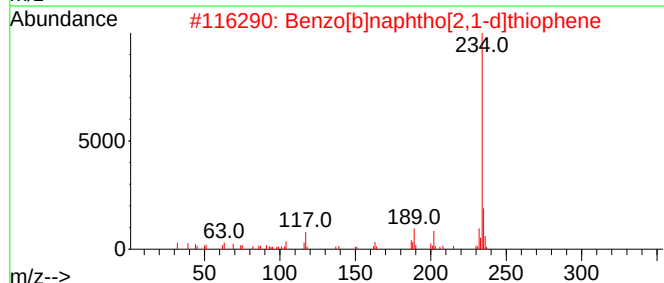
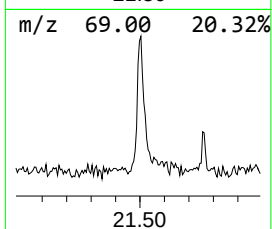
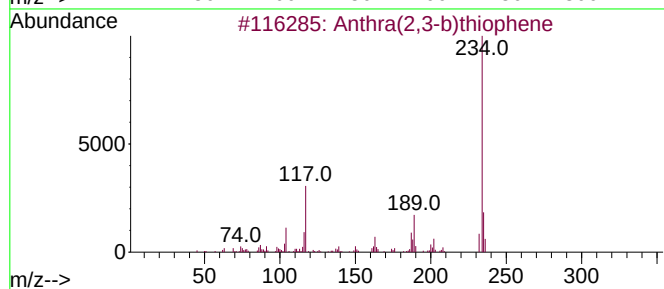
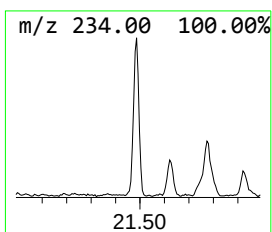
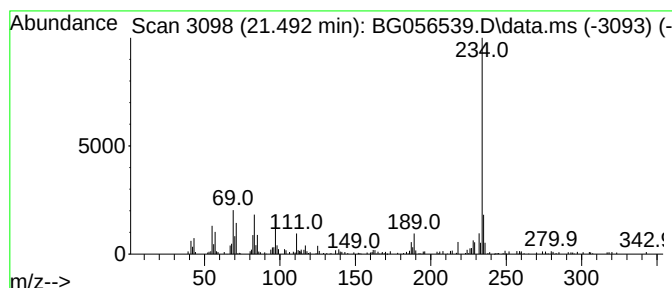
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthra(2,3-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.492	2.30 ng	158640	Chrysene-d12	21.927
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Anthra(2,3-b)thiophene	234 C16H10S	022108-55-0 81
2		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 81
3		Benzo[b]naphtho[1,2-d]thiophene	234 C16H10S	000205-43-6 76
4		Benzo[b]naphtho[2,3-d]thiophene	234 C16H10S	000243-46-9 74
5		4H-Chromene-3-carboxylic acid et...	277 C15H19NO4	1000303-29-9 59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
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Sample : 01410-03
Misc :
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Instrument :
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ClientSampleId :
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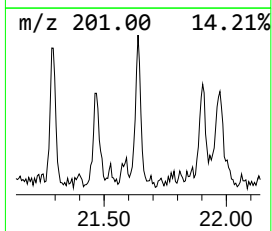
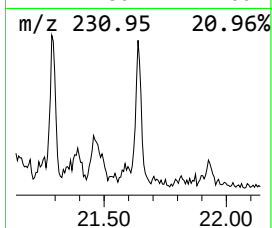
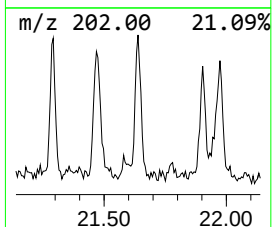
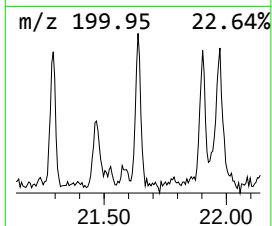
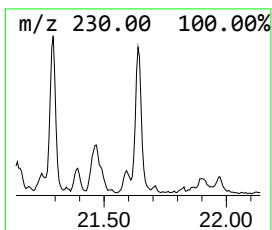
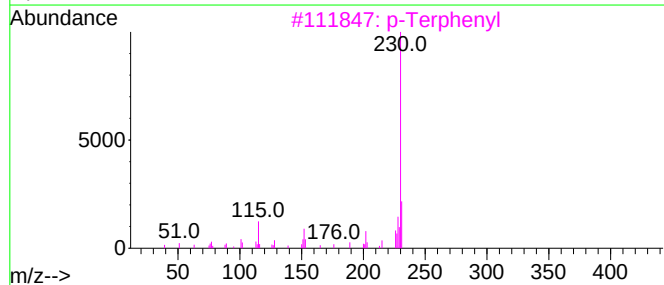
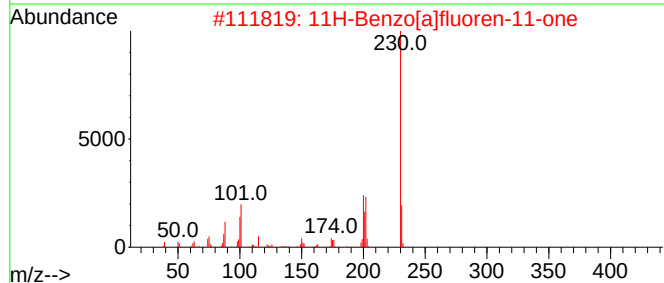
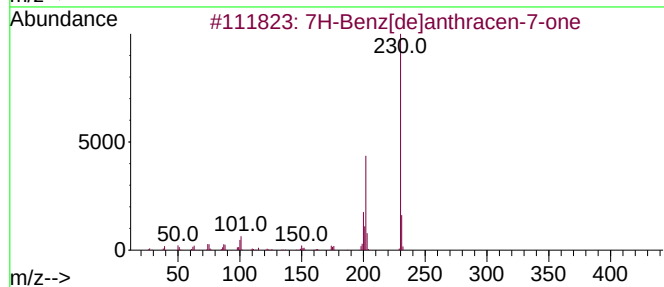
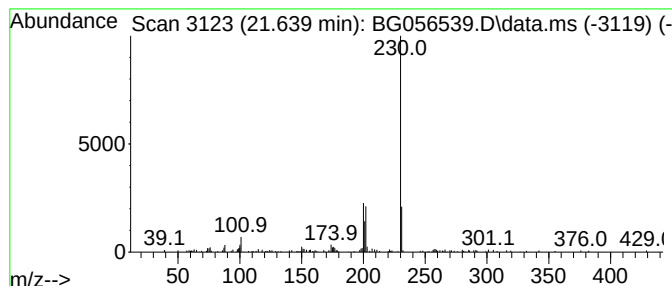
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.639	2.36 ng	162959	Chrysene-d12	21.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
3		p-Terphenyl	230	C18H14	000092-94-4	50
4		m-Terphenyl	230	C18H14	000092-06-8	50
5		benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
Operator : CG/JU
Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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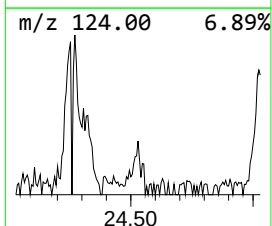
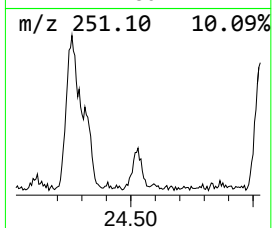
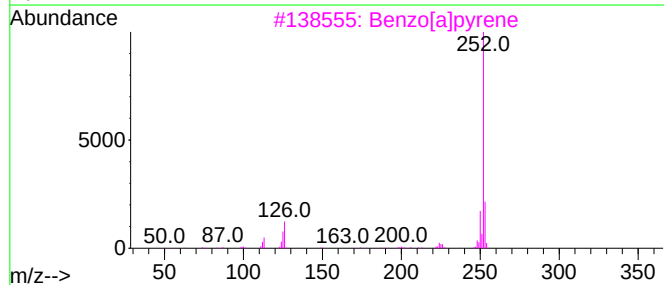
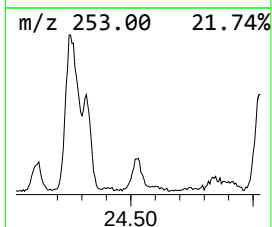
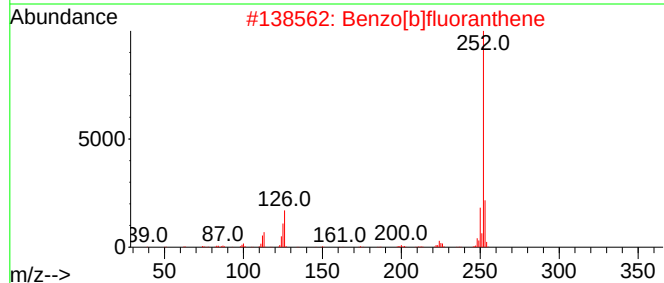
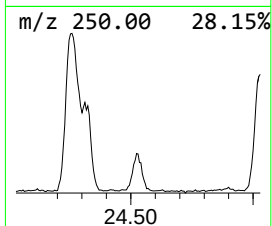
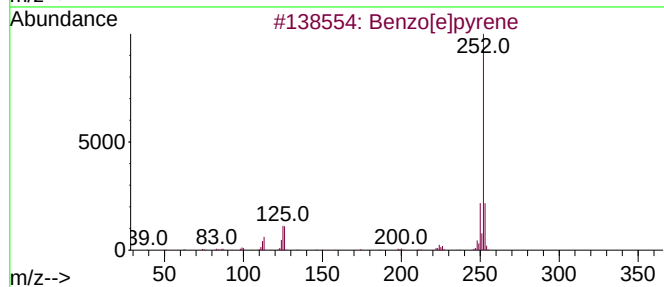
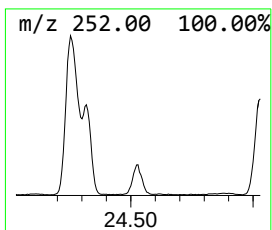
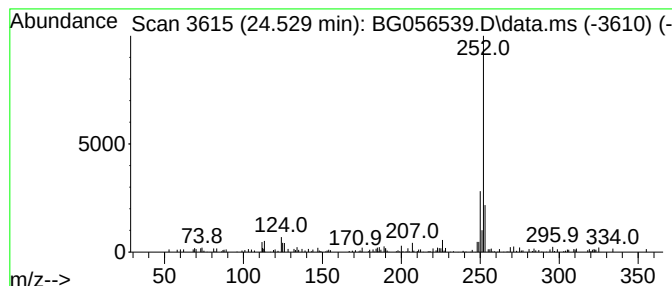
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.529	3.39 ng	98072	Perylene-d12	25.346

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	74
3			Benzo[a]pyrene	252	C20H12	000050-32-8	74
4			Perylene	252	C20H12	000198-55-0	74
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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Acq On : 3 Feb 2023 15:09
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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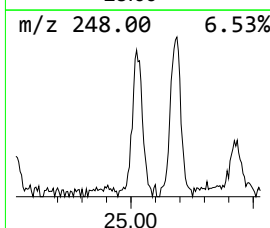
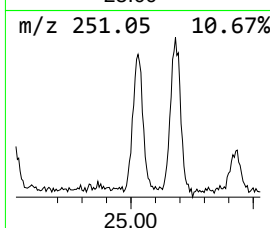
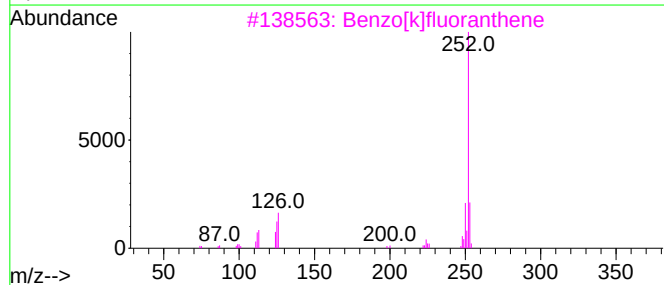
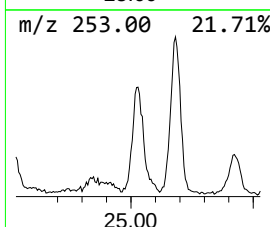
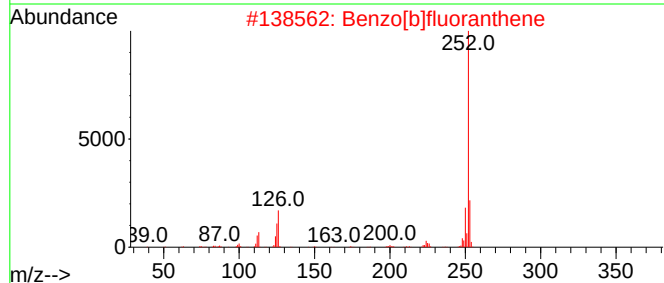
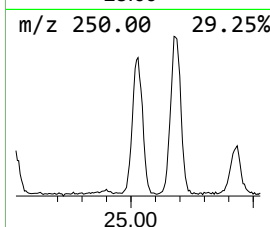
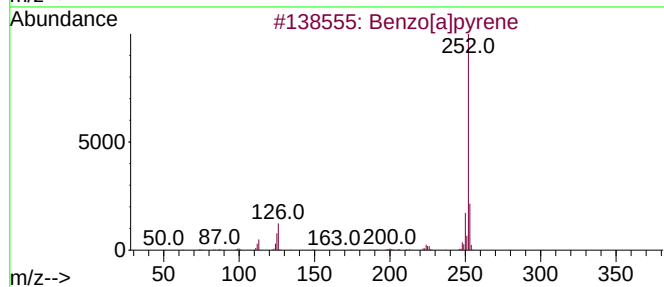
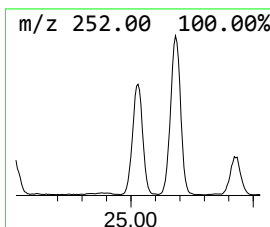
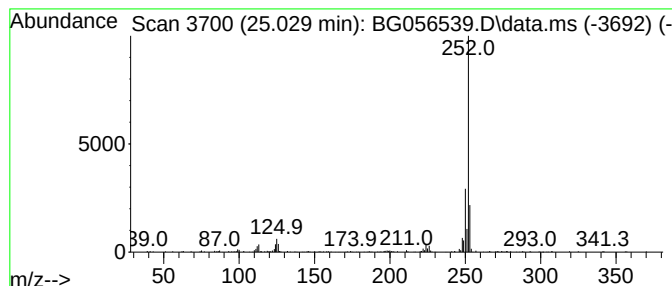
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.029	15.90 ng	460353	Perylene-d12	25.346

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]pyrene	252	C20H12	000050-32-8	90
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4		Benzo[e]pyrene	252	C20H12	000192-97-2	81
5		Perylene	252	C20H12	000198-55-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056539.D
Acq On : 3 Feb 2023 15:09
Operator : CG/JU
Sample : 01410-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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-...	5.311	15.1	ng	162525	1	8.272	215470	20.0
Benzocyclohepta...	12.743	2.3	ng	36470	2	11.104	313616	20.0
Benzophenone	16.227	2.0	ng	48339	3	14.894	477287	20.0
Tridecanoic acid	18.478	4.4	ng	138028	4	17.632	632308	20.0
Anthracene, 9-m...	18.501	3.9	ng	123790	4	17.632	632308	20.0
Phenanthrene, 2...	18.548	5.1	ng	162296	4	17.632	632308	20.0
4H-Cyclopenta[d...	18.695	6.8	ng	215036	4	17.632	632308	20.0
5,16[1',2']:8,1...	18.989	2.9	ng	91326	4	17.632	632308	20.0
9,10-Anthracene...	19.036	3.3	ng	105504	4	17.632	632308	20.0
Phenanthrene, 2...	19.400	4.2	ng	132727	4	17.632	632308	20.0
Cyclopenta(def)...	19.547	3.0	ng	94045	4	17.632	632308	20.0
Pyrene, 1-methyl-	20.346	2.6	ng	182742	5	21.927	1382250	20.0
11H-Benzo[b]flu...	20.511	2.3	ng	161379	5	21.927	1382250	20.0
Anthra(2,3-b)th...	21.492	2.3	ng	158640	5	21.927	1382250	20.0
7H-Benz[de]anth...	21.639	2.4	ng	162959	5	21.927	1382250	20.0
Benzo[e]pyrene	24.529	3.4	ng	98072	6	25.346	578895	20.0
Perylene	25.029	15.9	ng	460353	6	25.346	578895	20.0