

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054383.D
 Acq On : 25 Jul 2022 17:16
 Operator : CG/JU
 Sample : N3854-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-189E

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: BG054383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.036	3	8	12	rBV3	14256	28679	1.34%	0.113%
2	3.112	16	21	33	rVB	96023	160767	7.49%	0.631%
3	5.562	432	438	447	rBV	212792	371792	17.32%	1.459%
4	7.172	705	712	723	rBV	237006	422033	19.66%	1.657%
5	7.989	844	851	859	rVB	69074	120398	5.61%	0.473%
6	9.152	1042	1049	1057	rBV	138910	256171	11.94%	1.006%
7	10.797	1321	1329	1335	rBV	92263	171892	8.01%	0.675%
8	13.247	1738	1746	1755	rVB	421110	682454	31.80%	2.679%
9	14.622	1970	1980	1986	rBV	163615	268658	12.52%	1.055%
10	14.687	1986	1991	1998	rVB	48582	76839	3.58%	0.302%
11	15.022	2042	2048	2055	rBB	30957	47408	2.21%	0.186%
12	15.668	2152	2158	2166	rBB	57882	90613	4.22%	0.356%
13	15.962	2204	2208	2215	rVB	14554	23041	1.07%	0.090%
14	16.114	2227	2234	2242	rBV	467291	741423	34.54%	2.910%
15	16.626	2316	2321	2326	rBV4	10663	22422	1.04%	0.088%
16	17.025	2383	2389	2397	rVB	34631	56777	2.65%	0.223%
17	17.119	2397	2405	2410	rBV2	50174	88030	4.10%	0.346%
18	17.184	2410	2416	2426	rVB	48272	81241	3.79%	0.319%
19	17.372	2439	2448	2451	rBV	218132	380658	17.74%	1.494%
20	17.413	2451	2455	2462	rVV	951599	1447031	67.42%	5.680%
21	17.501	2462	2470	2476	rVV	144608	234376	10.92%	0.920%
22	17.560	2476	2480	2485	rVB5	13320	22344	1.04%	0.088%
23	17.771	2505	2516	2521	rBV2	91713	172084	8.02%	0.676%
24	17.883	2532	2535	2540	rVB	18910	23103	1.08%	0.091%
25	18.247	2590	2597	2601	rBV	97189	160012	7.46%	0.628%
26	18.294	2601	2605	2612	rVB	140073	207214	9.65%	0.813%
27	18.377	2612	2619	2623	rBV	37033	62341	2.90%	0.245%
28	18.441	2623	2630	2634	rBV2	140449	271243	12.64%	1.065%
29	18.476	2634	2636	2642	rVB	60255	72061	3.36%	0.283%
30	18.547	2642	2648	2651	rBV5	16863	25428	1.18%	0.100%
31	18.741	2675	2681	2685	rBV	89782	137084	6.39%	0.538%
32	18.782	2685	2688	2693	rVB	78785	118958	5.54%	0.467%
33	18.988	2714	2723	2728	rBV2	30853	61925	2.89%	0.243%
34	19.035	2728	2731	2734	rVV	23358	30658	1.43%	0.120%
35	19.076	2734	2738	2742	rVB3	22146	31338	1.46%	0.123%
36	19.158	2747	2752	2757	rBV	59483	111095	5.18%	0.436%

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37	19.223	2759	2763	2766	rVB4	18383	25815	1.20%	0.101%
38	19.305	2771	2777	2783	rBV3	58941	114207	5.32%	0.448%
39	19.428	2790	2798	2803	rBV	1413256	2146273	100.00%	8.425%
40	19.481	2803	2807	2810	rVV2	26932	38560	1.80%	0.151%
41	19.516	2810	2813	2820	rVB2	29297	44596	2.08%	0.175%
42	19.616	2826	2830	2833	rBV5	18485	32605	1.52%	0.128%
43	19.663	2834	2838	2843	rVV	48579	77035	3.59%	0.302%
44	19.757	2848	2854	2855	rBV	264407	373704	17.41%	1.467%
45	19.787	2855	2859	2866	rVV	1169286	1808367	84.26%	7.099%
46	19.851	2866	2870	2876	rVB2	72984	126018	5.87%	0.495%
47	19.975	2883	2891	2896	rBV	889232	1281679	59.72%	5.031%
48	20.022	2896	2899	2906	rVB	72443	105714	4.93%	0.415%
49	20.116	2907	2915	2920	rBV3	100952	274100	12.77%	1.076%
50	20.157	2920	2922	2926	rVB	21529	26008	1.21%	0.102%
51	20.274	2938	2942	2948	rVB	205905	330654	15.41%	1.298%
52	20.374	2955	2959	2963	rBV	118837	163151	7.60%	0.640%
53	20.433	2963	2969	2973	rVV2	137946	242097	11.28%	0.950%
54	20.468	2973	2975	2979	rVB2	56768	70143	3.27%	0.275%
55	20.574	2989	2993	2997	rBV	117157	176799	8.24%	0.694%
56	20.621	2997	3001	3005	rVB	92059	128027	5.97%	0.503%
57	20.997	3061	3065	3067	rBV4	27621	43968	2.05%	0.173%
58	21.038	3067	3072	3078	rVB	126019	215162	10.02%	0.845%
59	21.214	3096	3102	3106	rBV3	161710	307486	14.33%	1.207%
60	21.261	3106	3110	3114	rVV	131904	221395	10.32%	0.869%
61	21.314	3114	3119	3123	rVV2	147454	270958	12.62%	1.064%
62	21.367	3125	3128	3135	rVB	118454	215689	10.05%	0.847%
63	21.620	3165	3171	3177	rBV3	816250	1821762	84.88%	7.151%
64	21.684	3178	3182	3194	rVB	747490	1338772	62.38%	5.255%
65	21.837	3203	3208	3214	rVB	95729	167376	7.80%	0.657%
66	22.037	3237	3242	3249	rVB2	90206	182978	8.53%	0.718%
67	22.360	3294	3297	3303	rVB	134200	220704	10.28%	0.866%
68	22.431	3305	3309	3316	rVB	95089	182083	8.48%	0.715%
69	23.835	3539	3548	3555	rBV	514105	1711436	79.74%	6.718%
70	24.552	3661	3670	3683	rVB	329225	1017294	47.40%	3.993%
71	24.699	3685	3695	3706	rVB	430705	1275033	59.41%	5.005%
72	24.845	3712	3720	3726	rBV	152499	422260	19.67%	1.658%
73	28.523	4337	4346	4366	rVB2	209949	995340	46.38%	3.907%

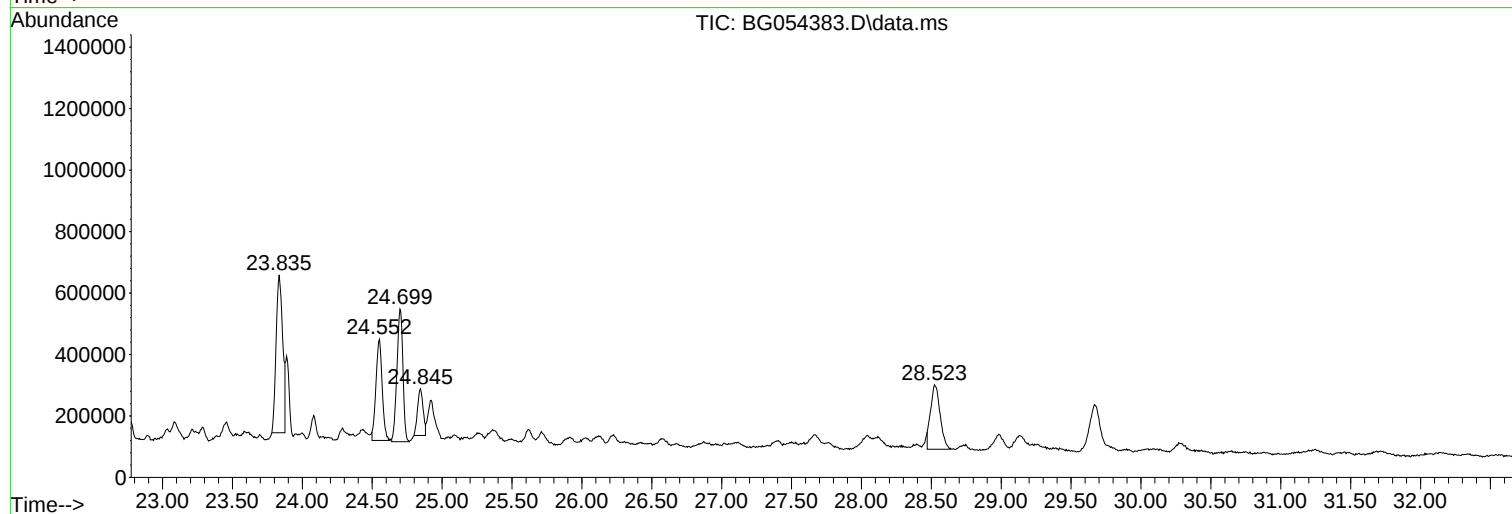
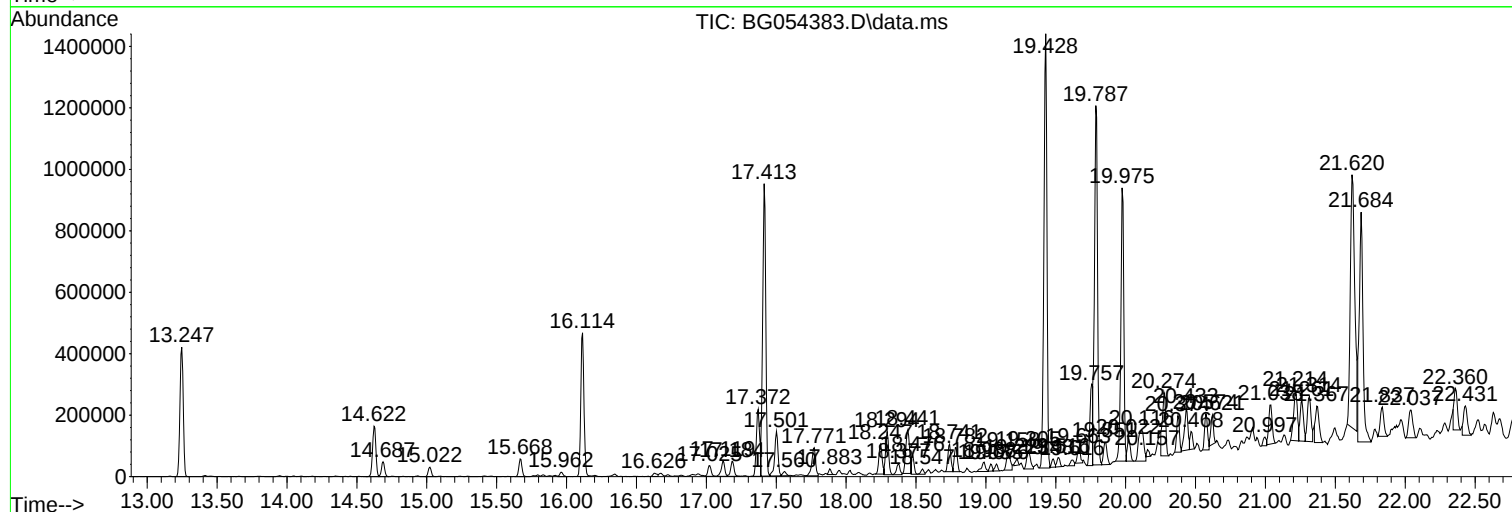
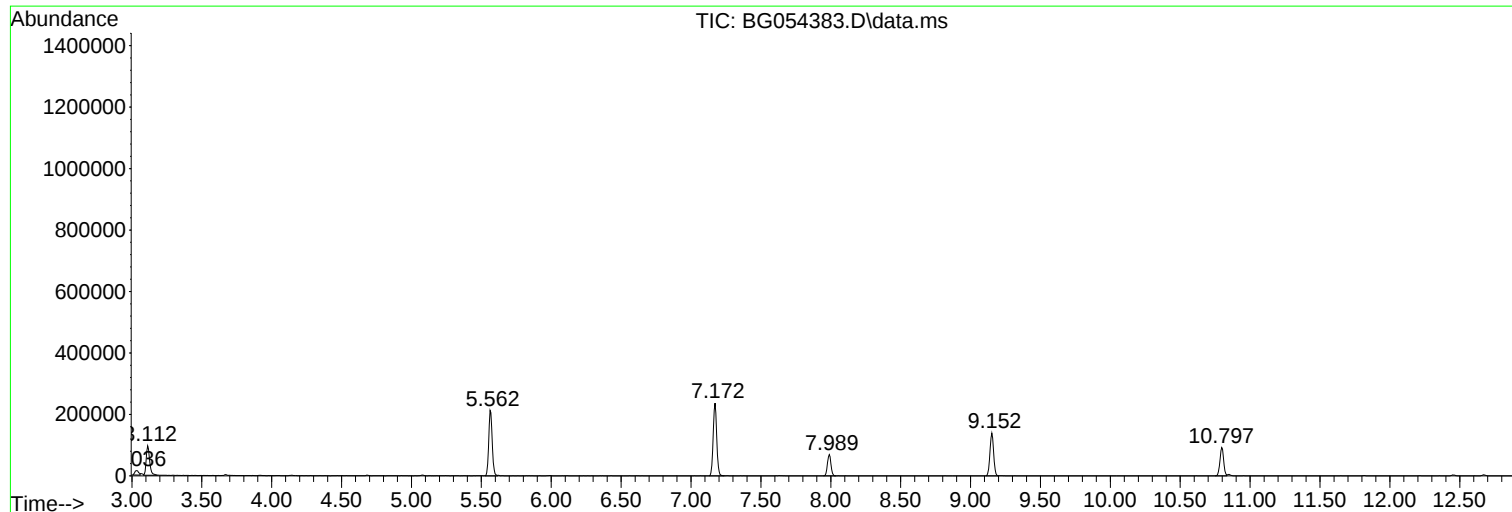
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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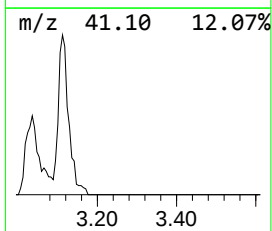
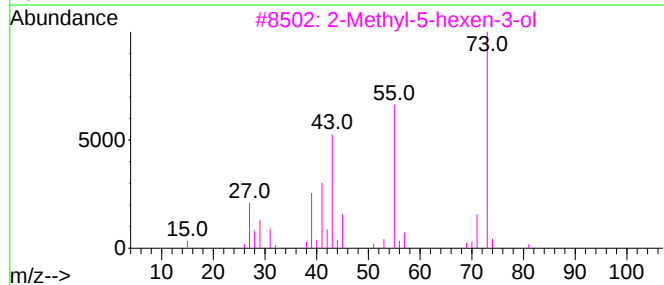
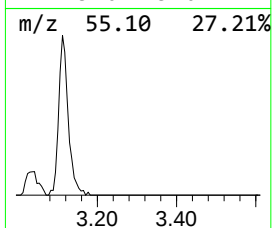
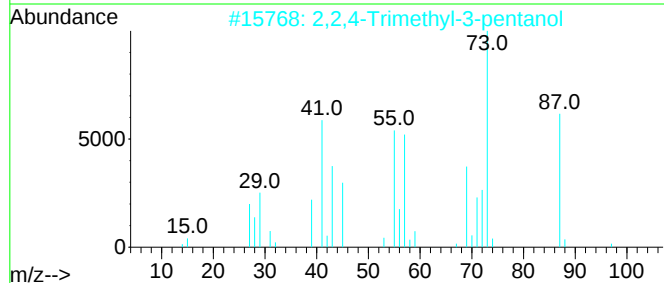
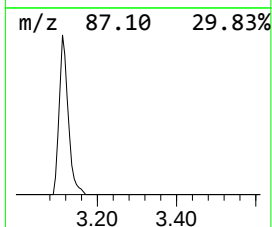
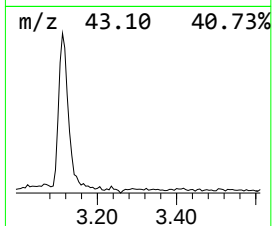
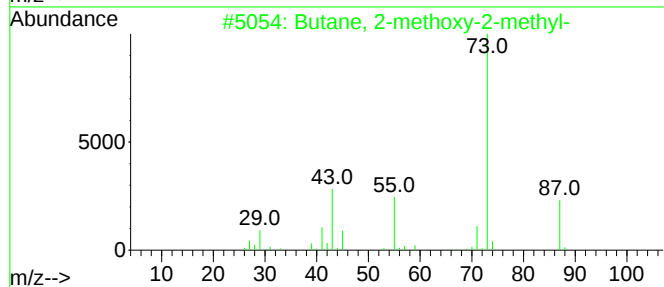
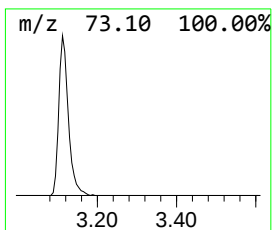
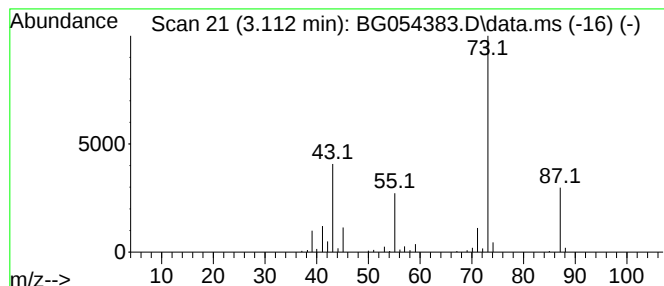
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.112	26.71 ng	160767	1,4-Dichlorobenzene-d4	7.989

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	17



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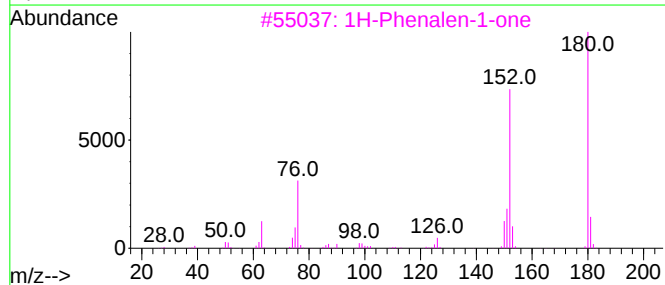
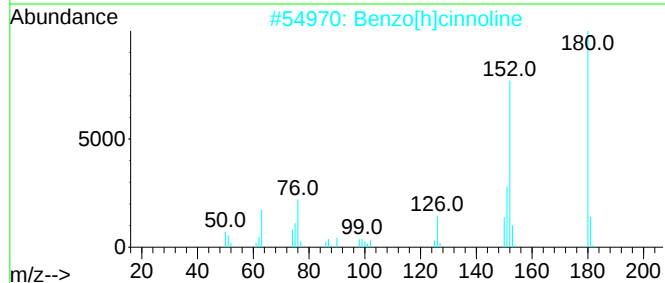
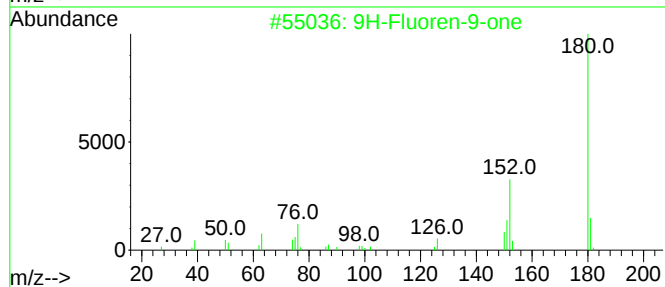
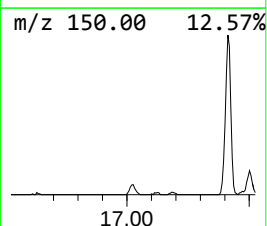
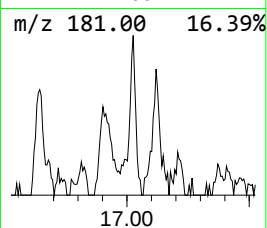
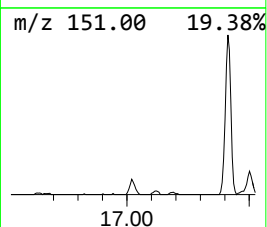
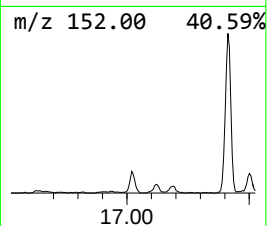
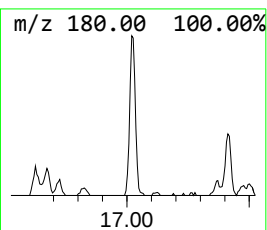
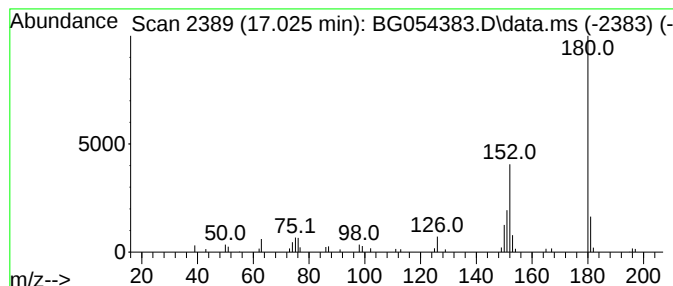
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.025	2.98 ng	56777	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
4			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59
5			1,3-Diazaphenanthrene	180	C12H8N2	000229-75-4	43



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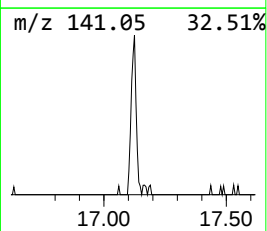
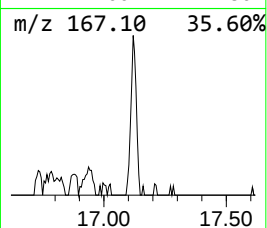
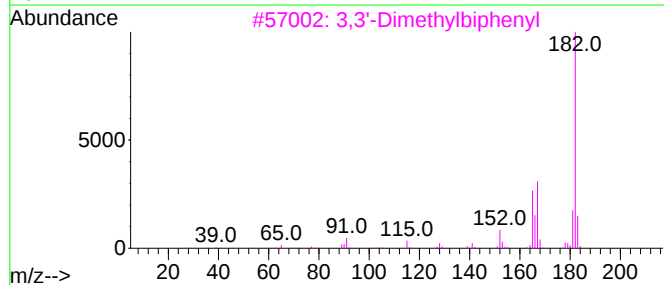
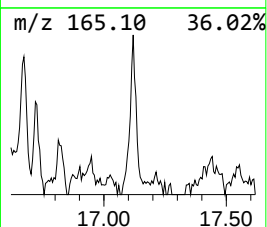
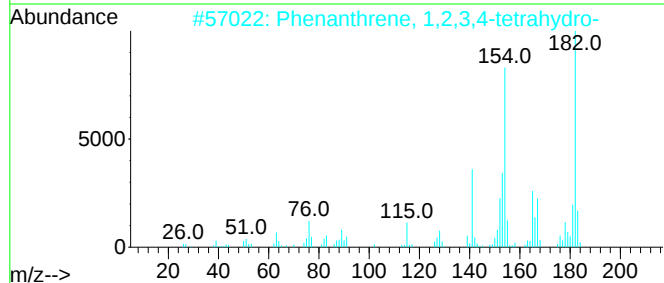
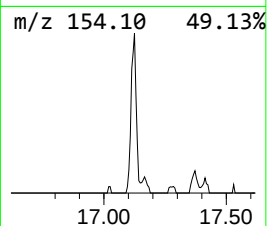
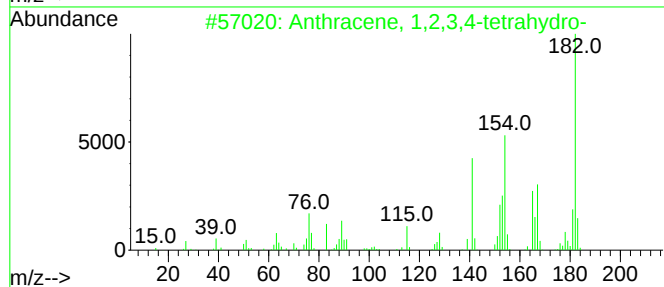
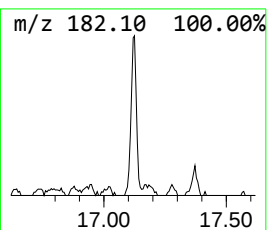
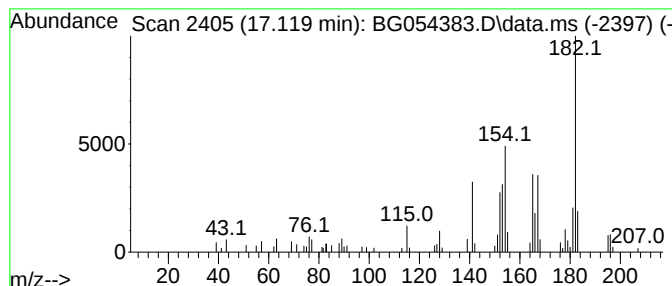
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.119	4.63 ng	88030	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2			Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	74
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	53
4			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49
5			2-Dimethylamino-6,7-dihydro-4H-o...	182	C7H10N4O2	062626-99-7	49



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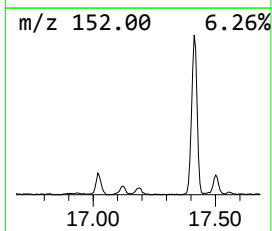
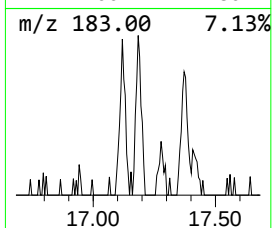
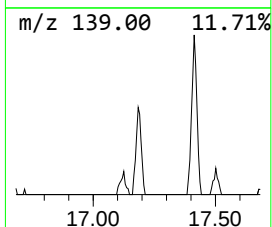
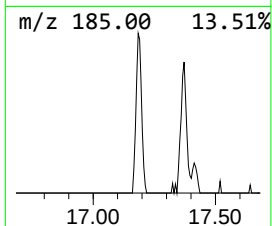
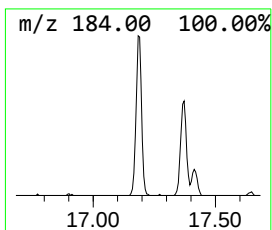
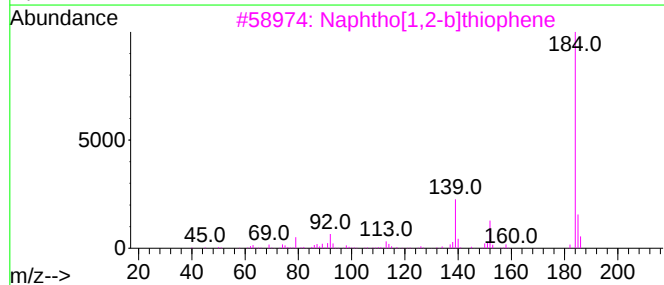
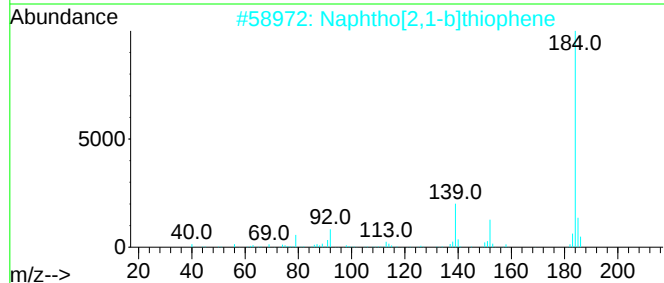
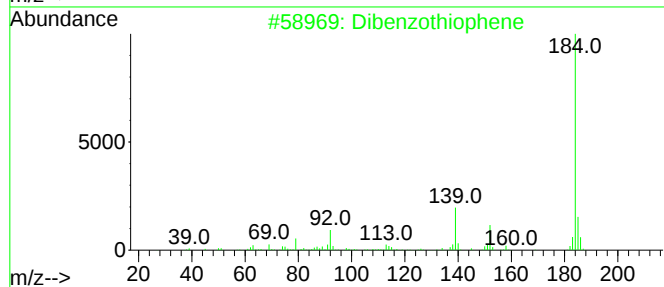
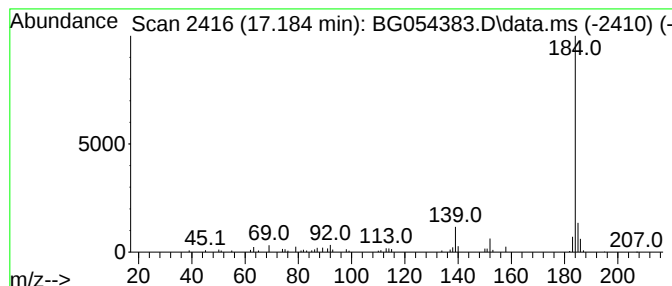
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.184	4.27 ng	81241	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	95
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-189E

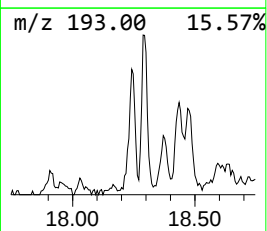
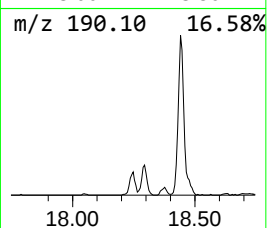
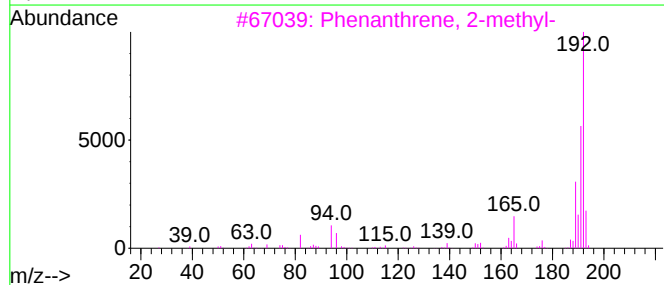
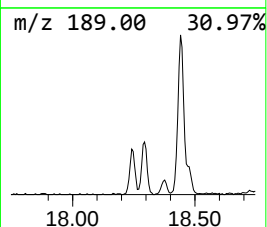
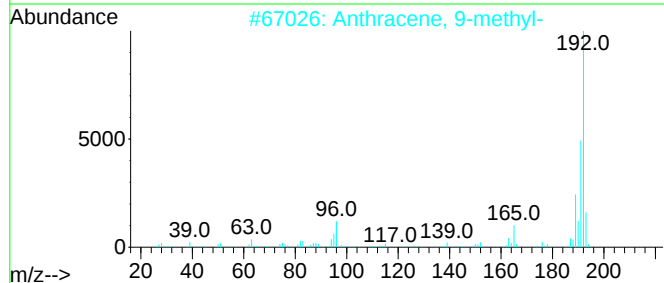
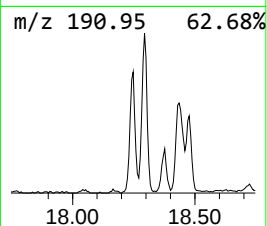
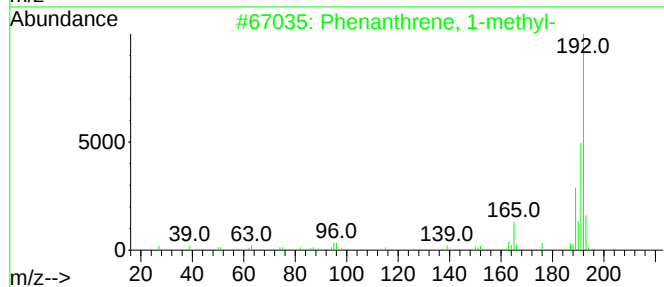
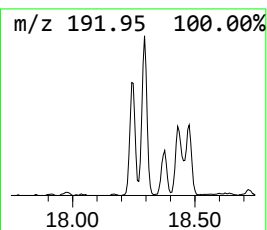
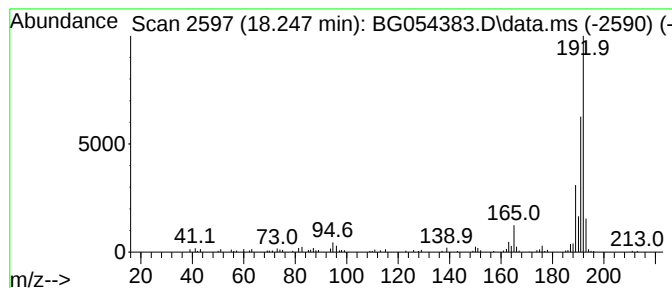
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	8.41 ng	160012	Phenanthrene-d10	17.372

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
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Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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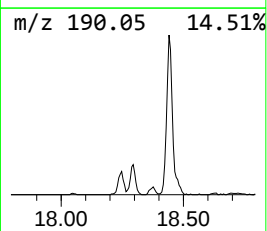
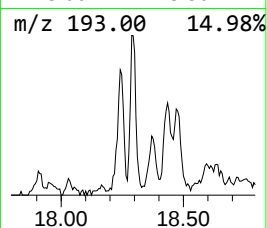
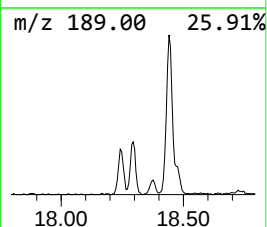
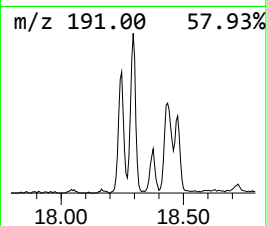
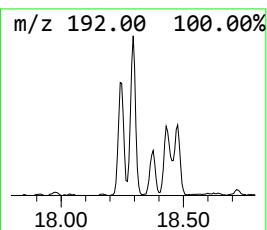
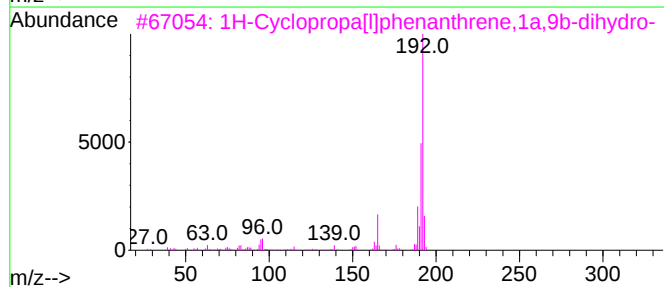
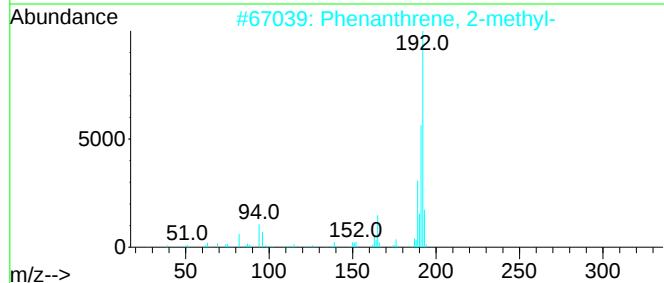
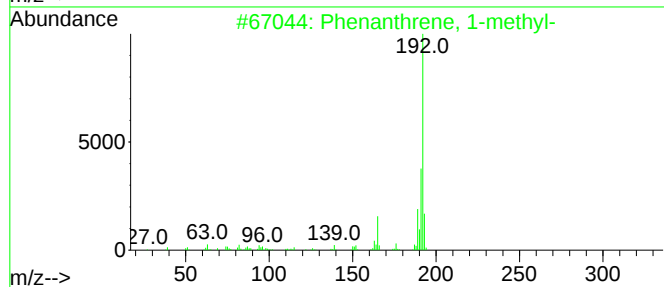
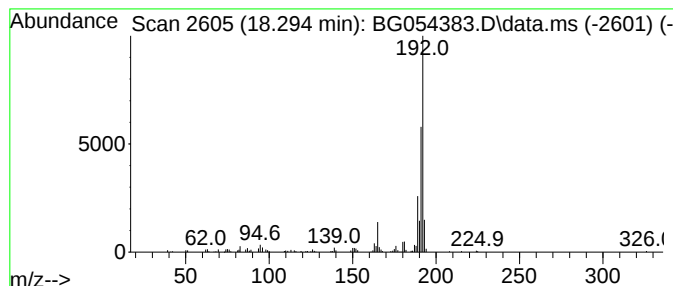
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	10.89 ng	207214	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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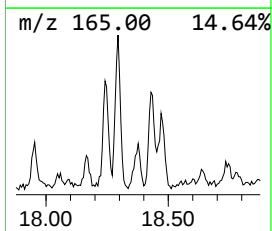
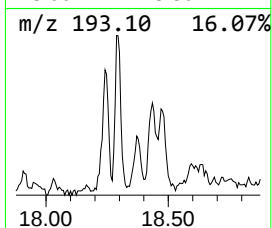
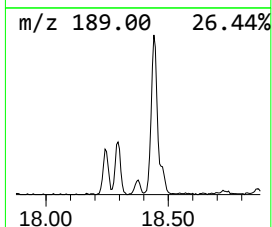
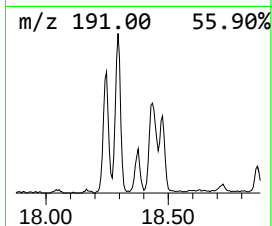
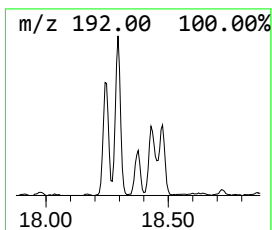
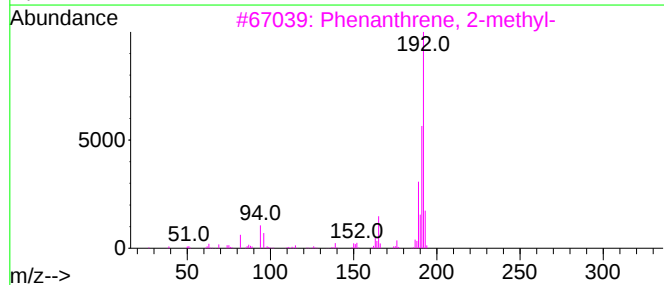
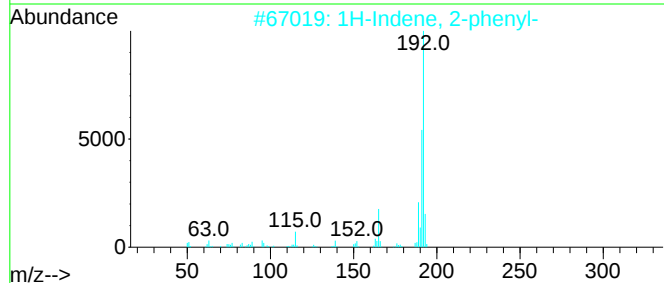
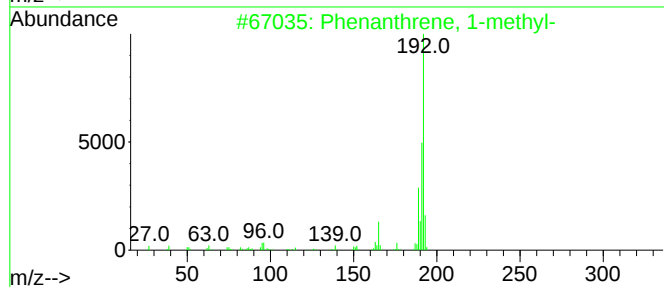
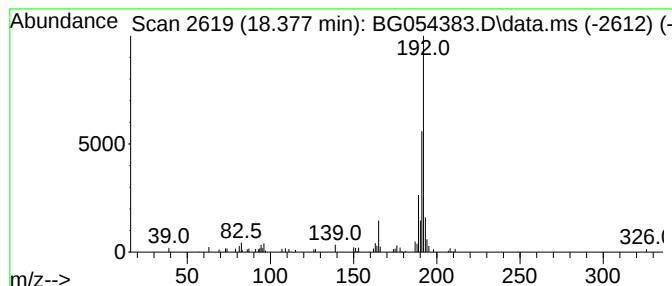
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.377	3.28 ng	62341	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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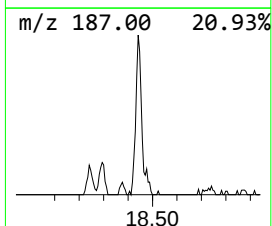
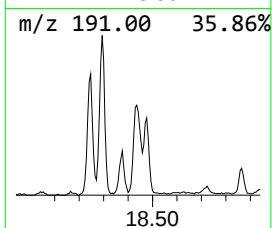
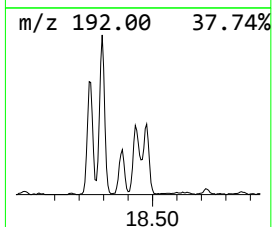
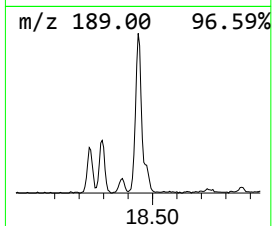
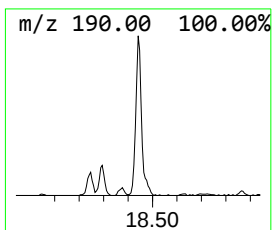
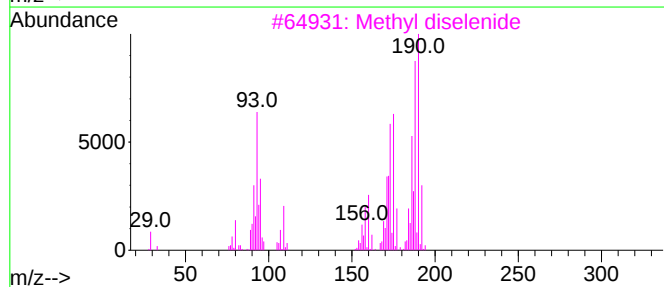
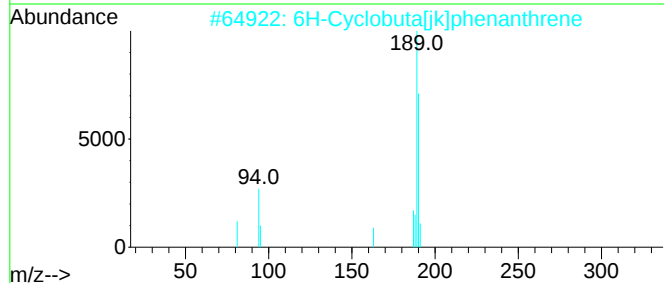
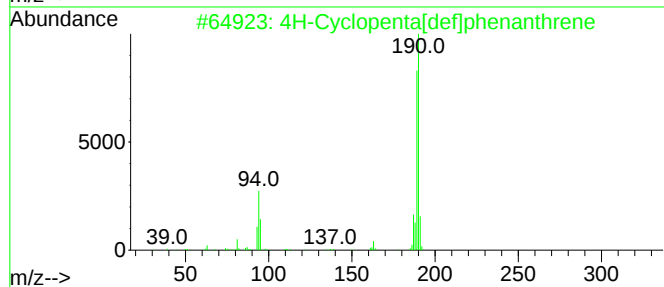
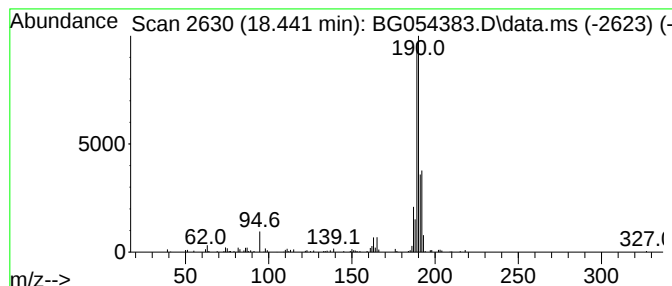
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.441	14.25 ng	271243	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
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			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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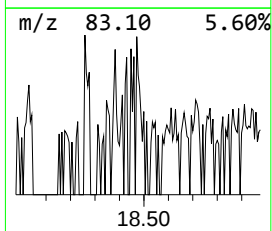
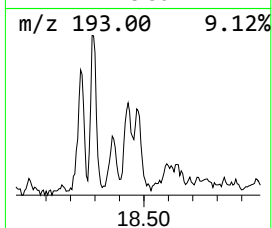
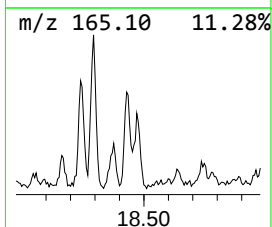
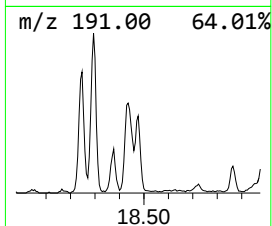
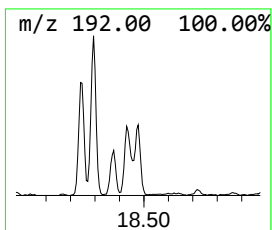
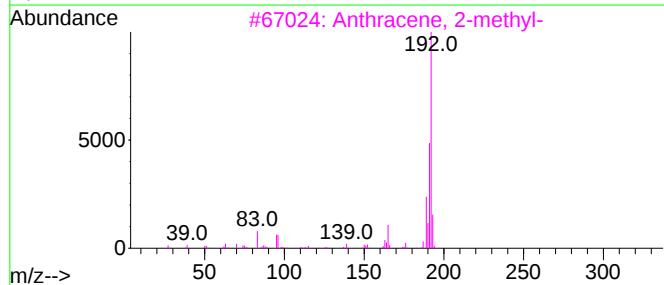
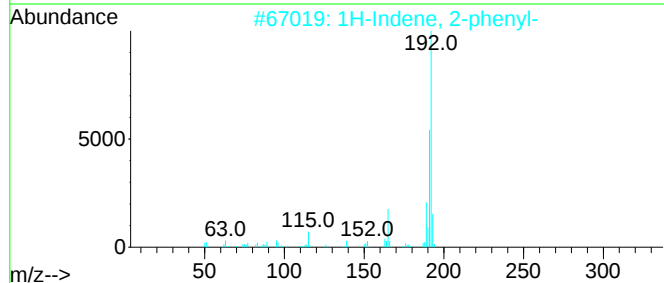
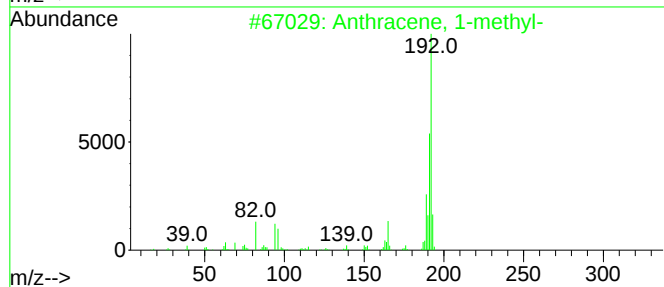
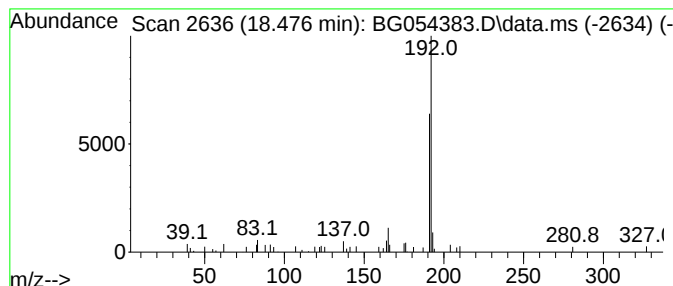
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.476	3.79 ng	72061	Phenanthrene-d10	17.372	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
4	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	72
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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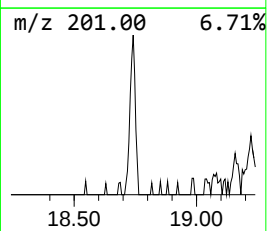
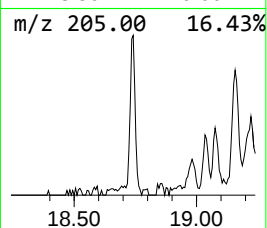
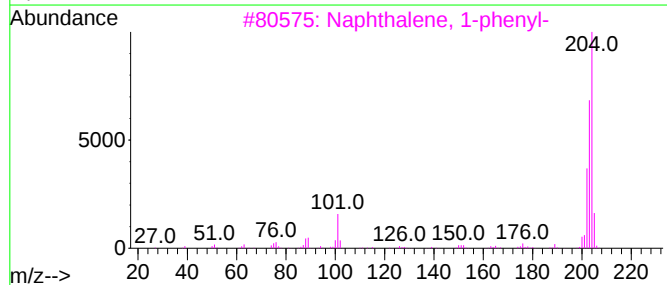
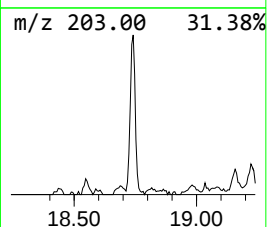
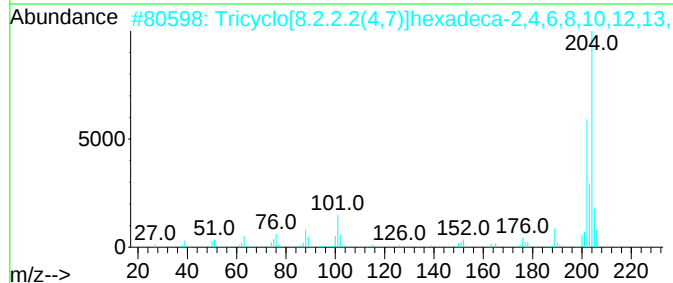
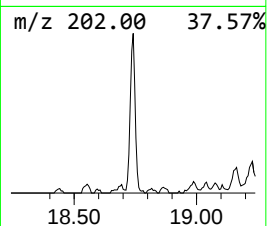
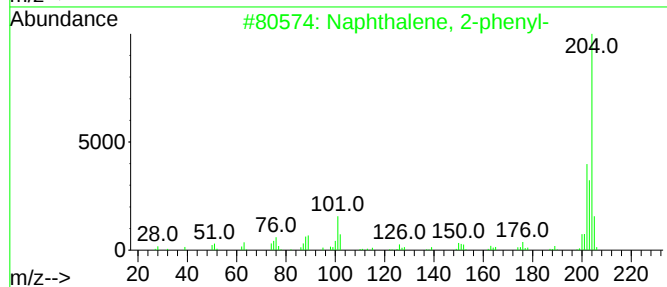
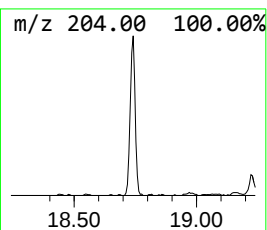
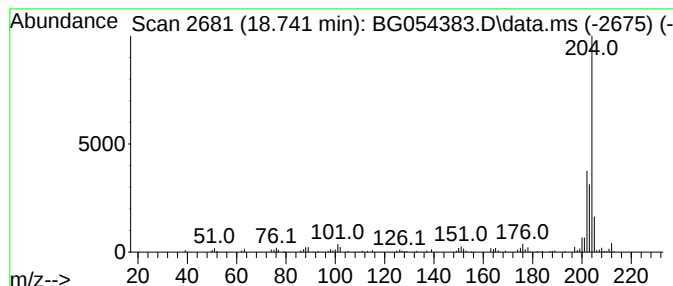
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.741	7.20 ng	137084	Phenanthrene-d10	17.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4			5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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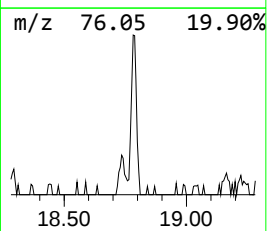
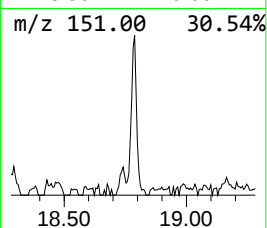
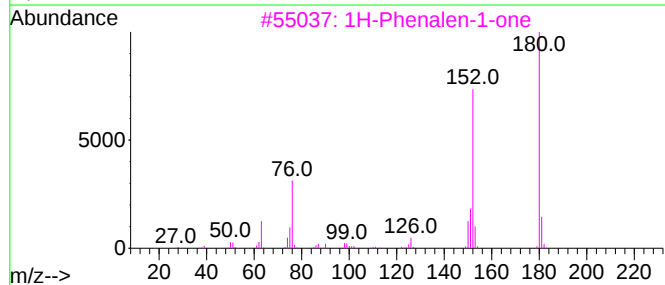
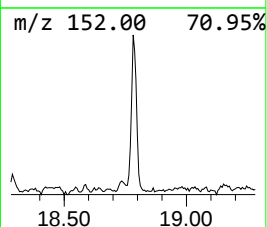
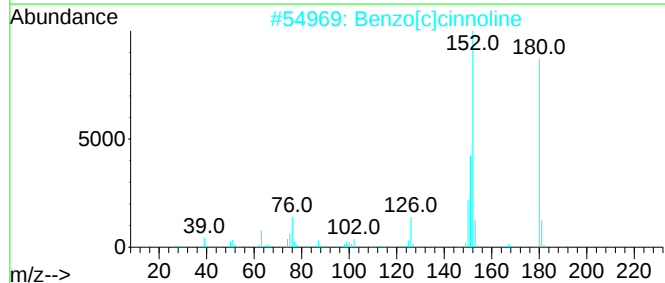
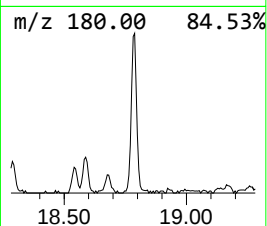
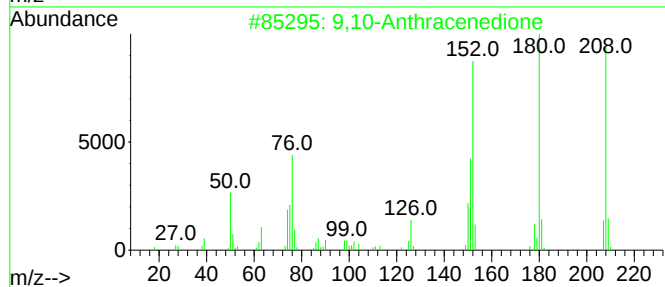
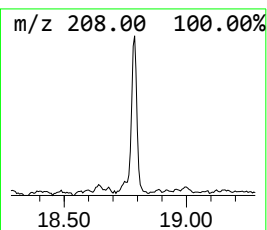
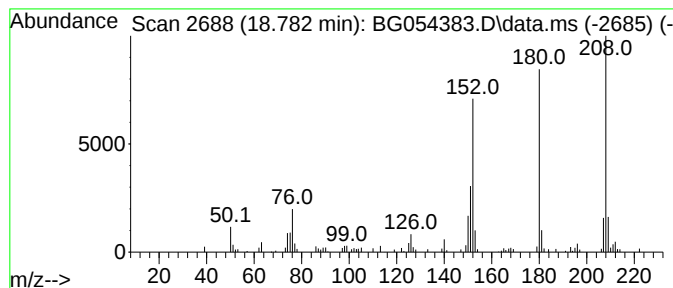
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.782	6.25 ng	118958	Phenanthrene-d10	17.372

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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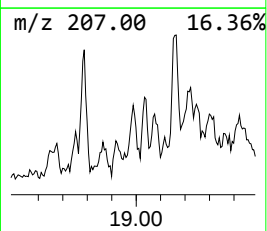
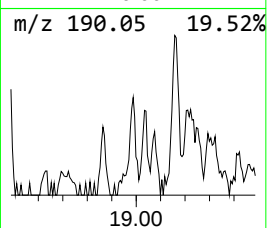
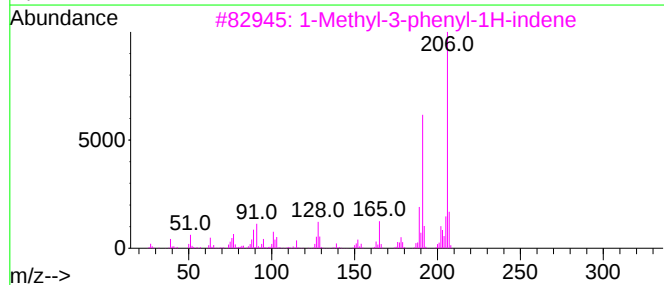
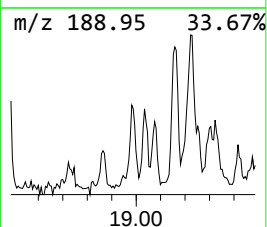
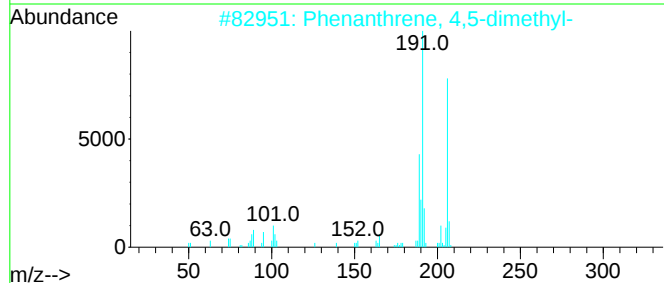
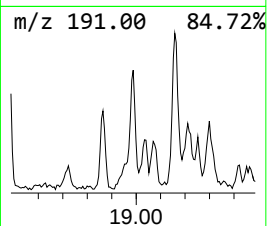
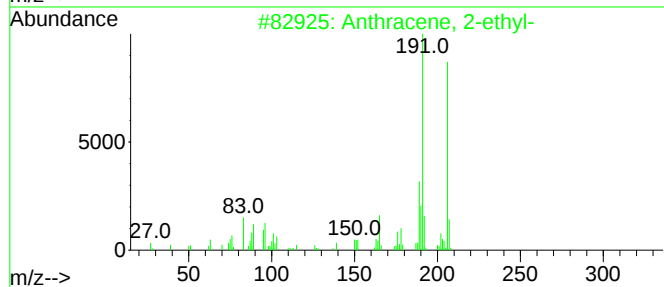
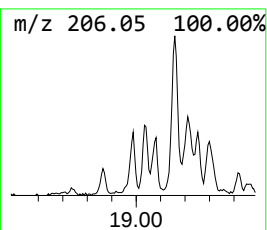
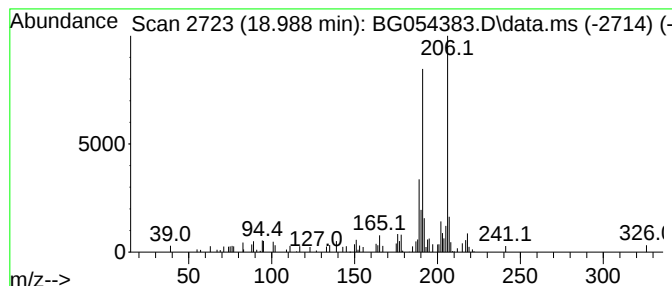
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.988	3.25 ng	61925	Phenanthrene-d10	17.372

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
3		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	80
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
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Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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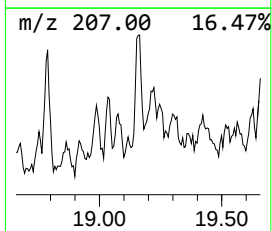
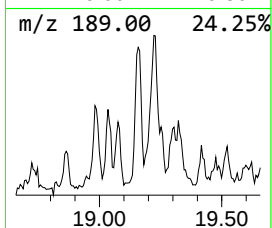
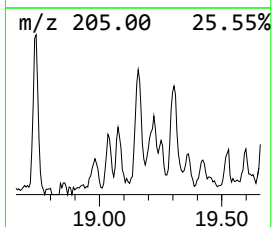
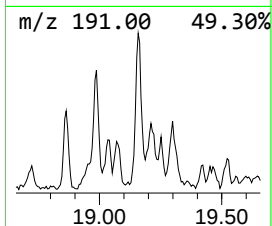
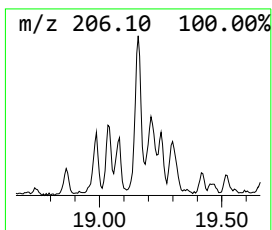
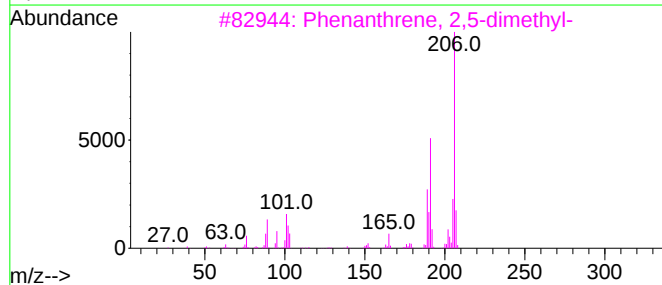
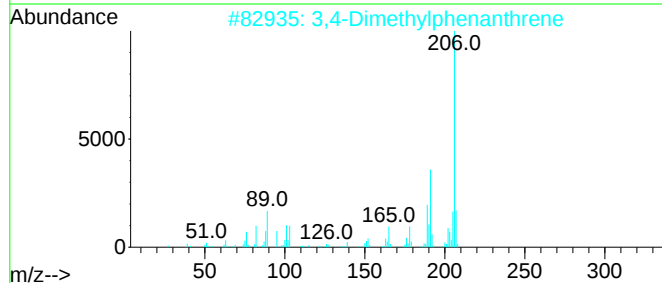
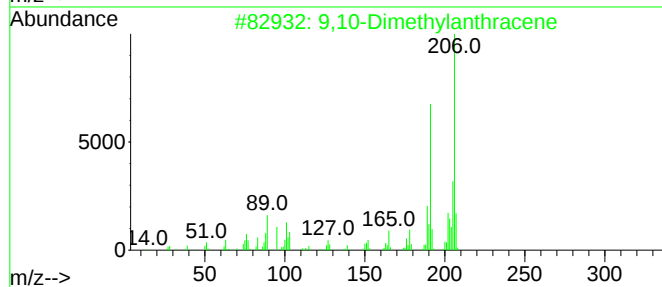
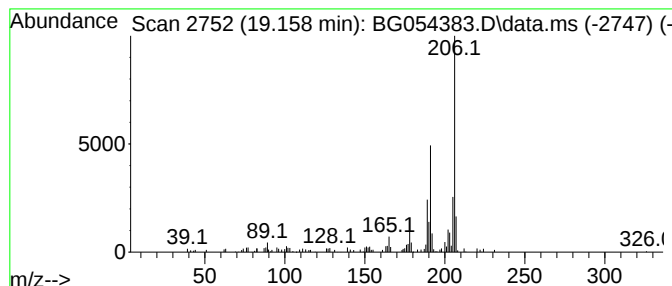
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.158	5.84 ng	111095	Phenanthrene-d10	17.372

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
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Misc :
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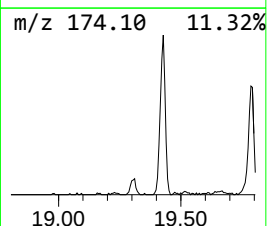
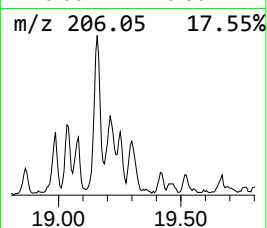
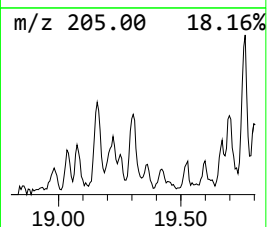
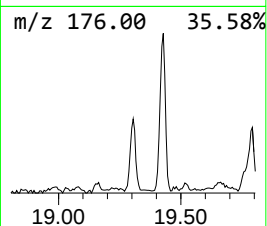
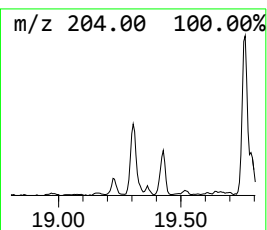
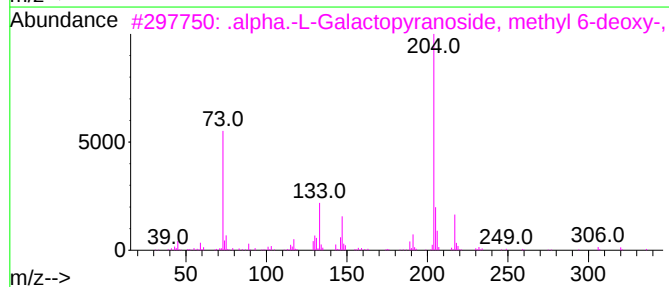
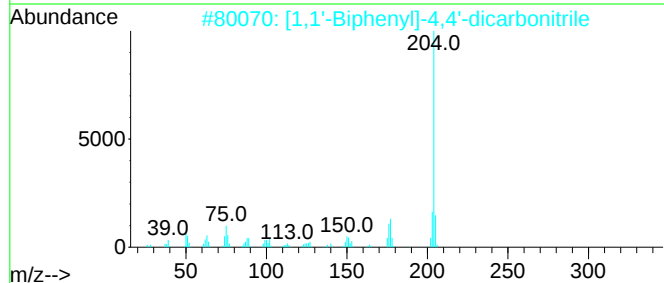
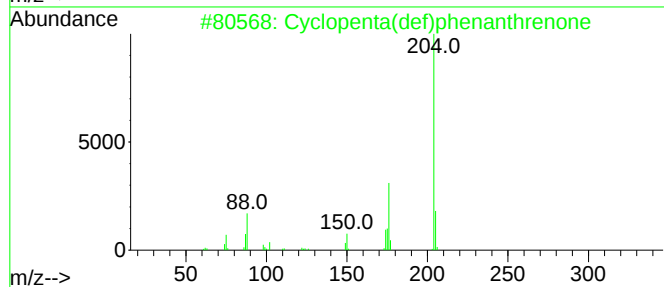
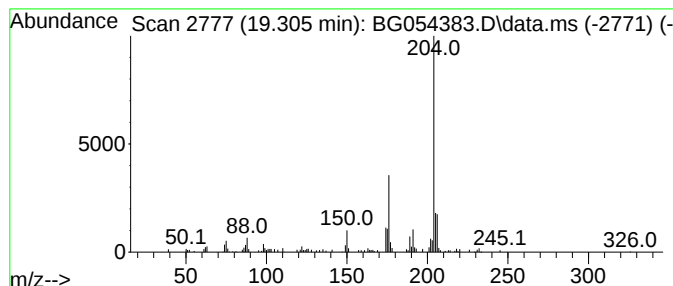
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.305	6.00 ng	114207	Phenanthrene-d10	17.372	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	.alpha.-L-Galactopyranoside, met...	394	C16H38O5Si3	056271-60-4	50
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	47
5	1-[3-(3,3-Dimethyl-but-1-vnyl)-2...	219	C15H25N	1000275-17-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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Acq On : 25 Jul 2022 17:16
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Misc :
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Instrument :
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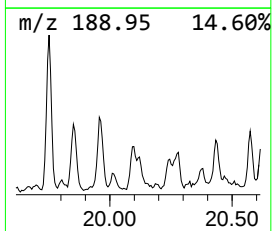
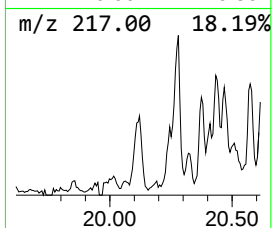
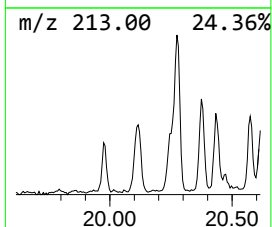
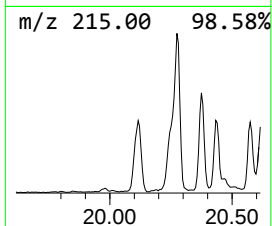
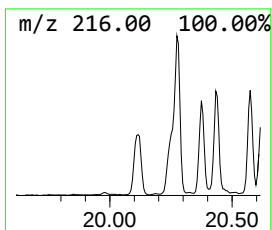
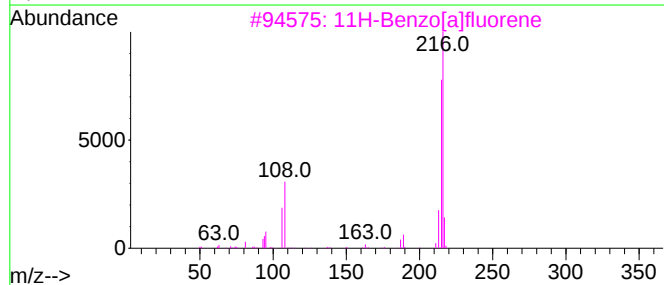
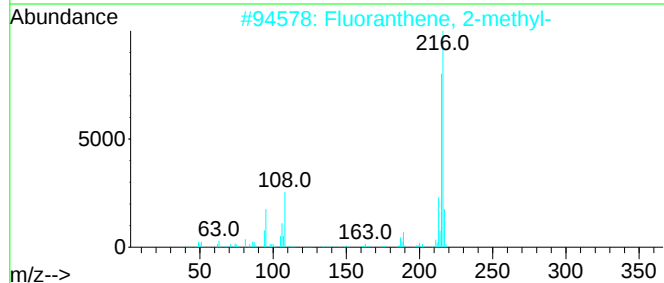
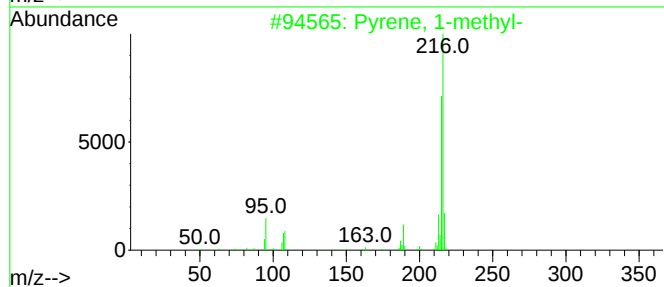
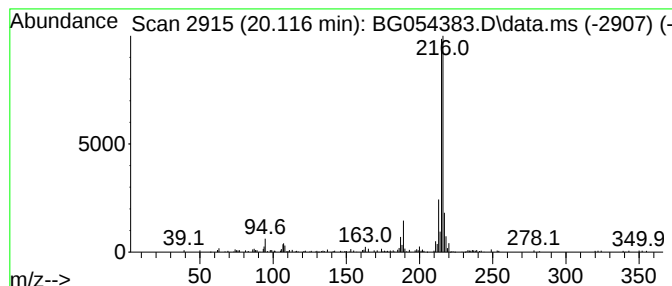
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	3.01 ng	274100	Chrysene-d12	21.637

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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ClientSampleId :
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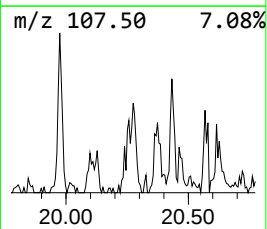
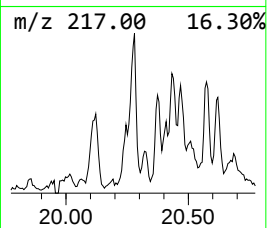
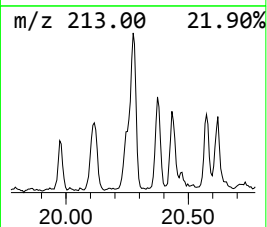
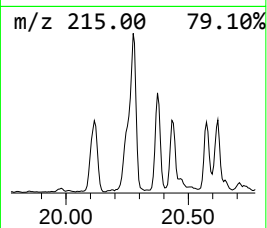
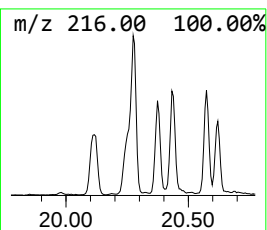
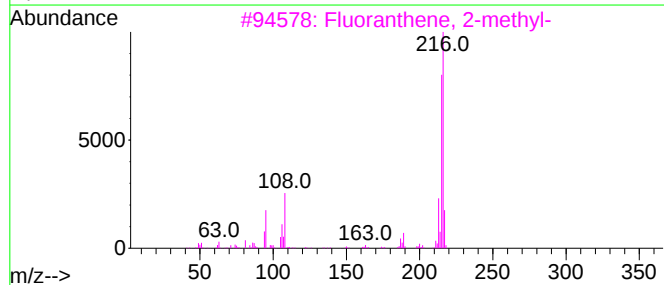
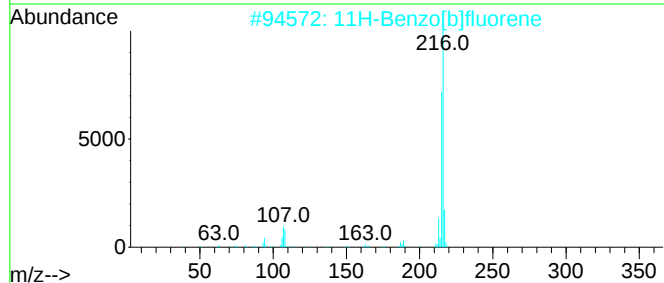
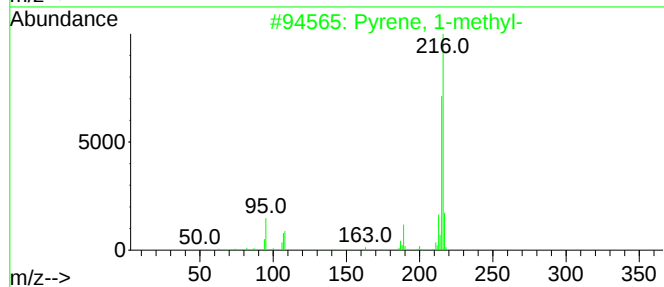
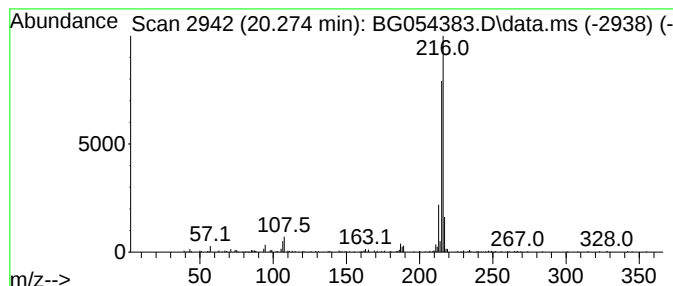
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.274	3.63 ng	330654	Chrysene-d12	21.637

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
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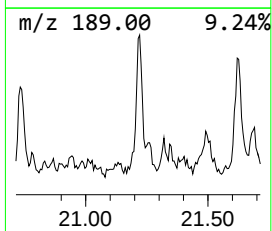
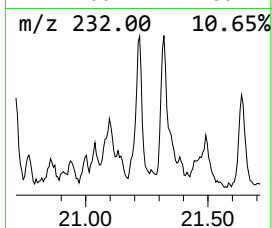
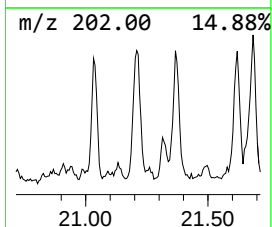
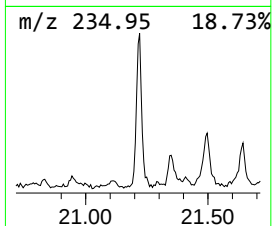
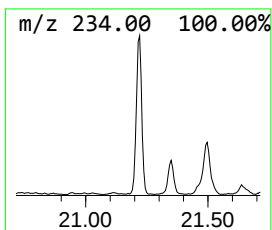
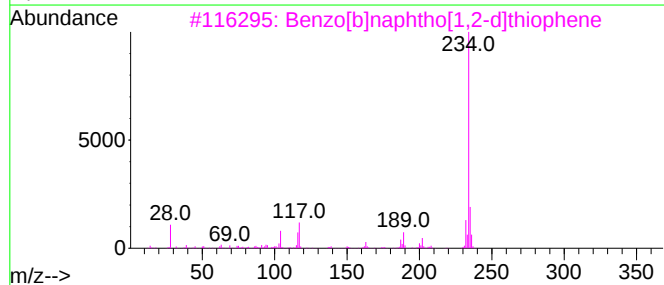
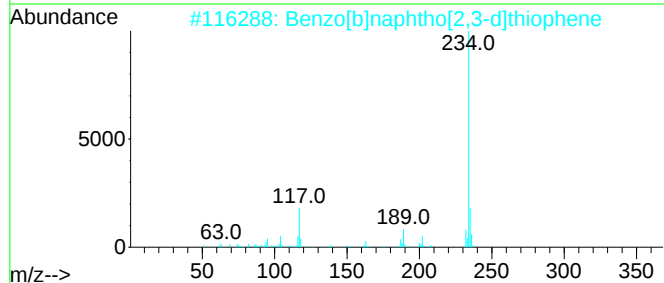
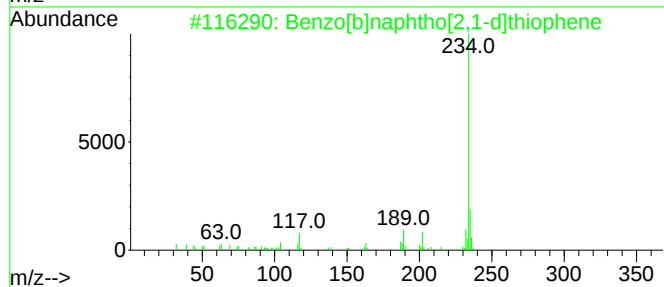
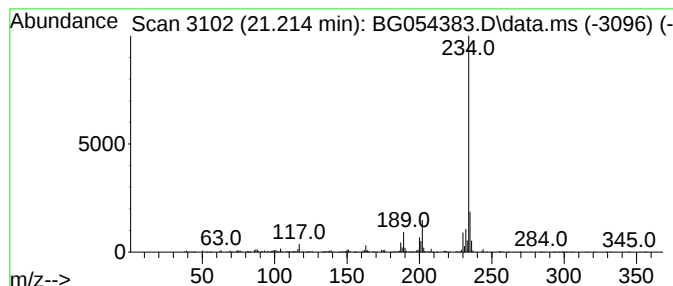
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MH-189E

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 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.214	3.38 ng	307486	Chrysene-d12	21.637	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	Benz[a]anthracene, 1,4,7,8,11,12...	234	C18H18	016434-61-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-189E

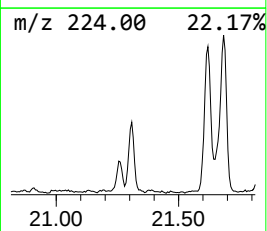
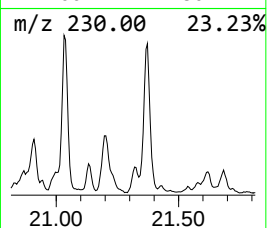
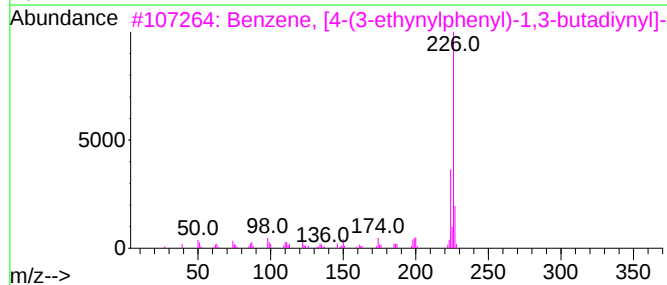
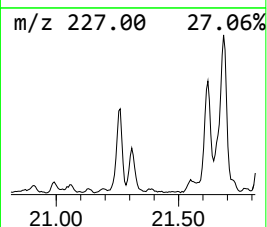
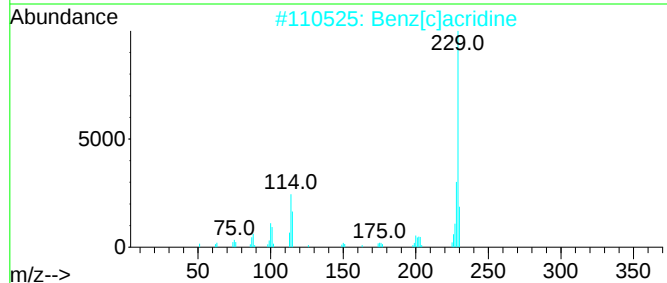
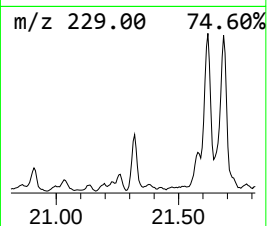
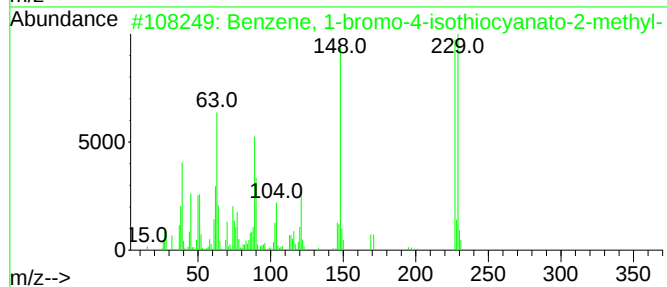
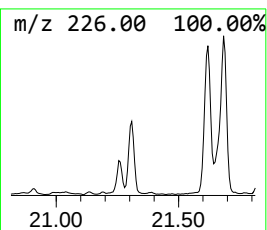
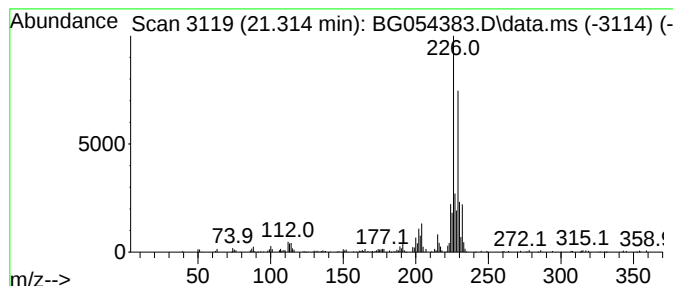
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown21.314 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.314	2.97 ng	270958	Chrysene-d12	21.637

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-4-isothiocyanat...	227	C8H6BrNS	071672-88-3	27
2			Benz[c]acridine	229	C17H11N	000225-51-4	27
3			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	22
4			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	22
5			4-Piperidino-1-oxo-1,2-dihydroph...	229	C13H15N3O	078755-15-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
Data File : BG054383.D
Acq On : 25 Jul 2022 17:16
Operator : CG/JU
Sample : N3854-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-189E

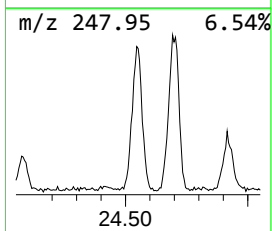
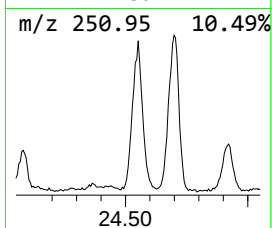
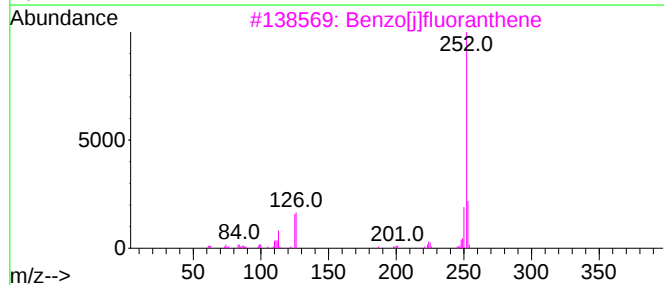
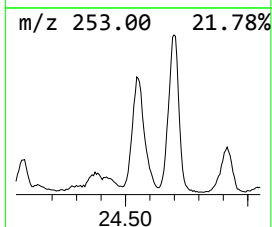
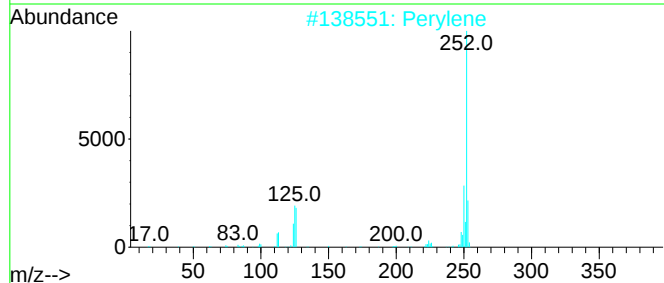
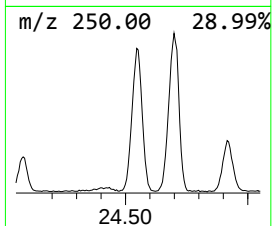
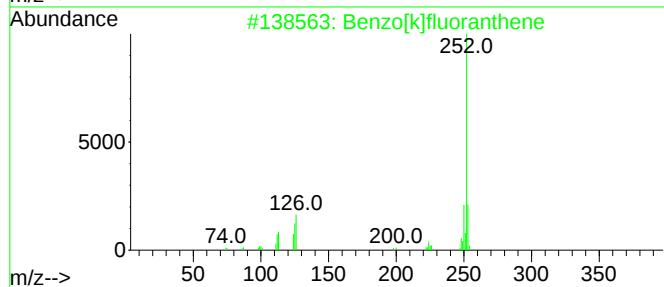
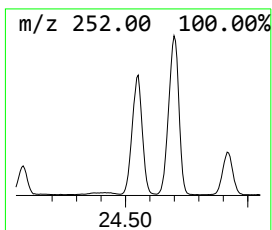
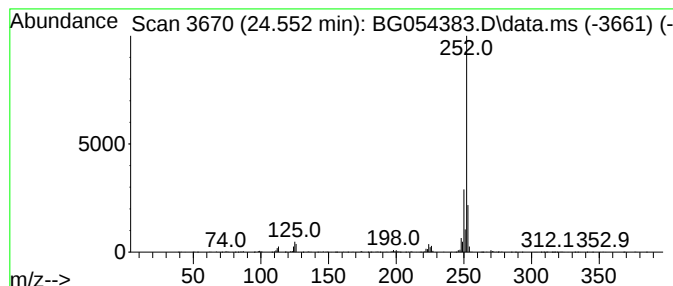
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.552	48.18 ng	1017290	Perylene-d12	24.845

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054383.D
 Acq On : 25 Jul 2022 17:16
 Operator : CG/JU
 Sample : N3854-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-189E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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...	3.112	26.7	ng	160767	1	7.989	120398	20.0
9H-Fluoren-9-one	17.025	3.0	ng	56777	4	17.372	380658	20.0
Anthracene, 1,2...	17.119	4.6	ng	88030	4	17.372	380658	20.0
Dibenzothiophene	17.184	4.3	ng	81241	4	17.372	380658	20.0
Phenanthrene, 1...	18.247	8.4	ng	160012	4	17.372	380658	20.0
Phenanthrene, 2...	18.294	10.9	ng	207214	4	17.372	380658	20.0
1H-Indene, 2-ph...	18.377	3.3	ng	62341	4	17.372	380658	20.0
4H-Cyclopenta[d...	18.441	14.3	ng	271243	4	17.372	380658	20.0
Anthracene, 1-m...	18.476	3.8	ng	72061	4	17.372	380658	20.0
Naphthalene, 2-...	18.741	7.2	ng	137084	4	17.372	380658	20.0
9,10-Anthracene...	18.782	6.3	ng	118958	4	17.372	380658	20.0
Anthracene, 2-e...	18.988	3.3	ng	61925	4	17.372	380658	20.0
9,10-Dimethylan...	19.158	5.8	ng	111095	4	17.372	380658	20.0
Cyclopenta(def)...	19.305	6.0	ng	114207	4	17.372	380658	20.0
Pyrene, 1-methyl-	20.116	3.0	ng	274100	5	21.637	1821760	20.0
11H-Benzo[b]flu...	20.274	3.6	ng	330654	5	21.637	1821760	20.0
Benzo[b]naphtho...	21.214	3.4	ng	307486	5	21.637	1821760	20.0
unknown21.314	21.314	3.0	ng	270958	5	21.637	1821760	20.0
Perylene	24.552	48.2	ng	1017290	6	24.845	422260	20.0