

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049864.D
 Acq On : 17 Aug 2021 00:35
 Operator : CG/JU
 Sample : M3401-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BR-2-081221

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-BG080321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.137	12	17	23	rBV	120254	186926	14.85%	1.749%
2	5.105	346	352	360	rBV	24469	38637	3.07%	0.362%
3	5.587	426	434	444	rBV	395985	657072	52.21%	6.148%
4	7.196	699	708	721	rBV	405907	741174	58.90%	6.935%
5	8.030	843	850	856	rVB	116260	202111	16.06%	1.891%
6	9.199	1042	1049	1059	rBV	272440	488516	38.82%	4.571%
7	10.615	1285	1290	1297	rBV4	10998	20220	1.61%	0.189%
8	10.850	1317	1330	1337	rBV	162785	299097	23.77%	2.798%
9	13.300	1740	1747	1754	rBV	662340	1011777	80.40%	9.467%
10	14.680	1975	1982	1989	rBV	249040	393937	31.30%	3.686%
11	14.745	1989	1993	2002	rVB	12980	17354	1.38%	0.162%
12	15.732	2153	2161	2169	rBV2	9187	16129	1.28%	0.151%
13	16.172	2230	2236	2246	rBV	545202	872739	69.35%	8.166%
14	17.183	2402	2408	2411	rBV7	8014	14510	1.15%	0.136%
15	17.435	2445	2451	2455	rBV	289518	449156	35.69%	4.202%
16	17.476	2455	2458	2464	rVB	141919	203595	16.18%	1.905%
17	17.564	2468	2473	2478	rVB	29784	44631	3.55%	0.418%
18	17.841	2514	2520	2525	rBV4	13061	22276	1.77%	0.208%
19	18.316	2593	2601	2604	rBV2	23575	39227	3.12%	0.367%
20	18.357	2604	2608	2615	rVB	25003	42159	3.35%	0.394%
21	18.440	2615	2622	2628	rBV7	9517	19499	1.55%	0.182%
22	18.510	2628	2634	2638	rBV3	34719	64921	5.16%	0.607%
23	18.810	2679	2685	2688	rBV	16180	24642	1.96%	0.231%
24	18.851	2688	2692	2697	rVB5	13585	23289	1.85%	0.218%
25	19.368	2777	2780	2786	rBV8	10144	15468	1.23%	0.145%
26	19.485	2795	2800	2807	rVB	330157	480934	38.22%	4.500%
27	19.732	2838	2842	2847	rVB4	9138	16588	1.32%	0.155%
28	19.820	2850	2857	2858	rBV	59311	82847	6.58%	0.775%
29	19.850	2858	2862	2870	rVB	256074	388015	30.83%	3.630%
30	19.914	2870	2873	2880	rBV4	16025	24502	1.95%	0.229%
31	20.043	2887	2895	2900	rBV	975098	1258452	100.00%	11.775%
32	20.090	2900	2903	2907	rVB2	16480	22470	1.79%	0.210%
33	20.167	2911	2916	2920	rBV7	17132	38981	3.10%	0.365%
34	20.343	2942	2946	2951	rVB2	57594	87162	6.93%	0.816%
35	20.443	2958	2963	2967	rBV	49539	73470	5.84%	0.687%
36	20.537	2976	2979	2983	rVB5	16016	20167	1.60%	0.189%

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37	20.584	2983	2987	2992	rBV8	10494	15083	1.20%	0.141%
38	20.643	2994	2997	3000	rBV3	10975	14199	1.13%	0.133%
39	21.113	3073	3077	3081	rVB3	12681	22753	1.81%	0.213%
40	21.295	3102	3108	3111	rBV	29088	51335	4.08%	0.480%
41	21.342	3111	3116	3120	rBV5	52861	91972	7.31%	0.861%
42	21.712	3171	3179	3184	rBV2	294375	672610	53.45%	6.293%
43	21.765	3184	3188	3193	rVB	114736	184944	14.70%	1.730%
44	21.911	3211	3213	3221	rVB4	21521	37874	3.01%	0.354%
45	22.669	3339	3342	3347	rBV7	11099	22242	1.77%	0.208%
46	22.740	3351	3354	3356	rBV4	13299	14254	1.13%	0.133%
47	23.956	3552	3561	3567	rBV	79289	253795	20.17%	2.375%
48	24.203	3601	3603	3613	rVB4	16715	43144	3.43%	0.404%
49	24.684	3680	3685	3699	rVB2	48261	144395	11.47%	1.351%
50	24.831	3704	3710	3721	rVB2	71752	191328	15.20%	1.790%
51	24.990	3727	3737	3746	rBV3	149991	463528	36.83%	4.337%
52	28.714	4363	4371	4372	rBV	27325	46969	3.73%	0.439%
53	29.895	4569	4572	4573	rBV2	12391	14779	1.17%	0.138%

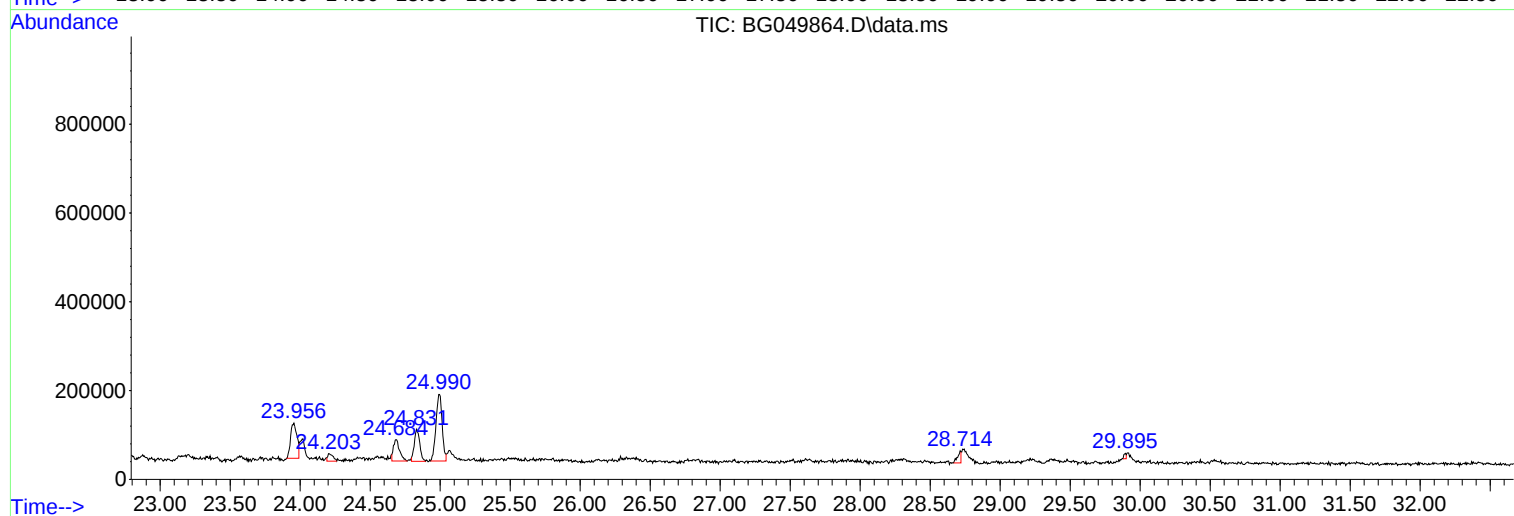
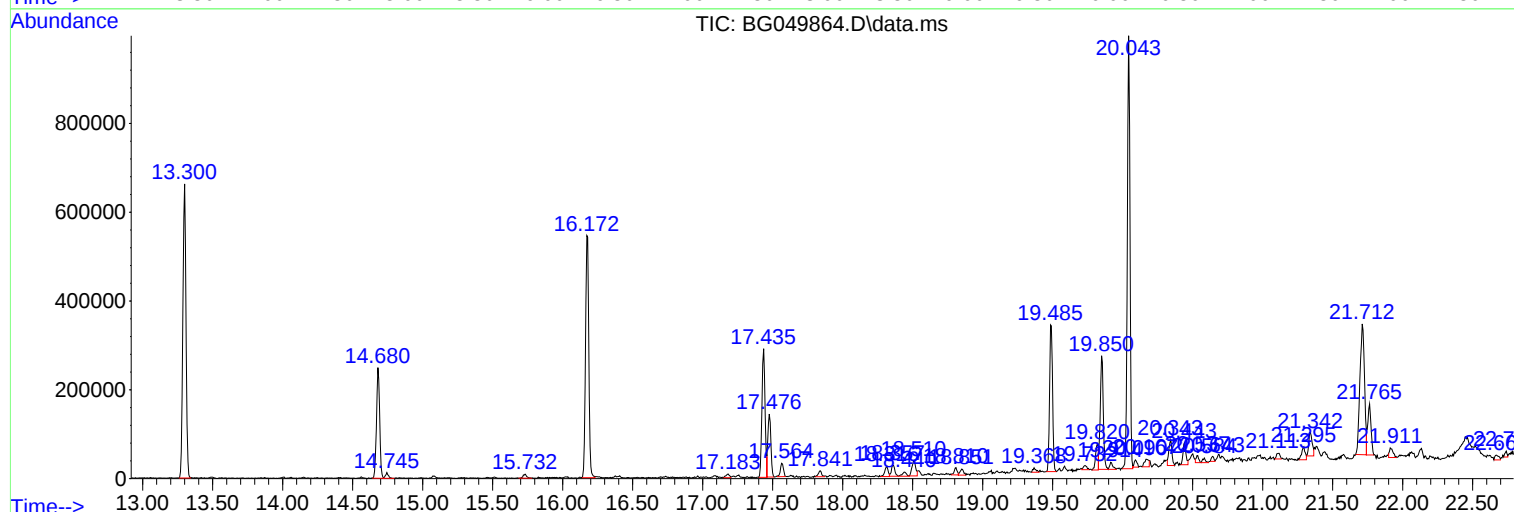
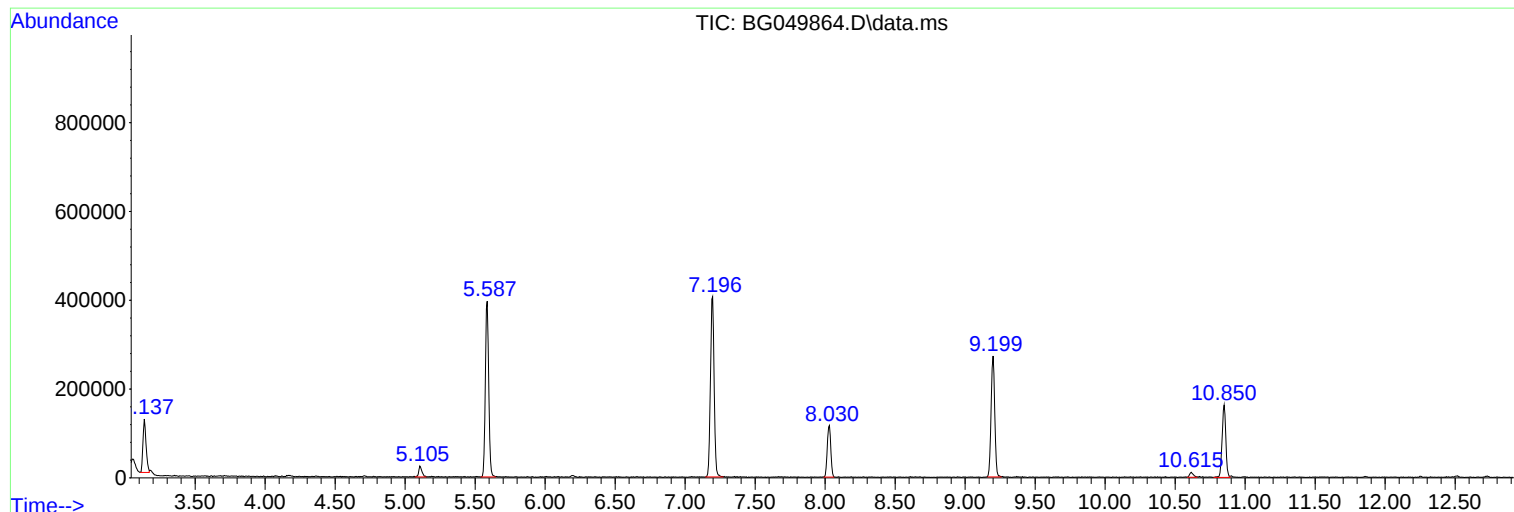
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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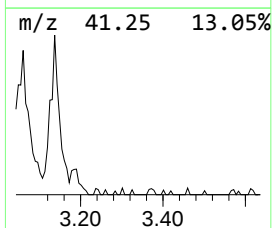
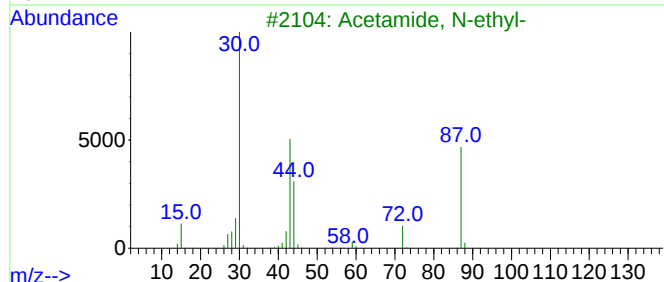
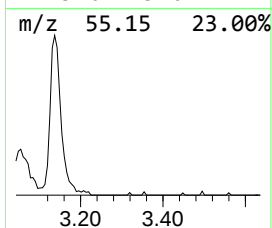
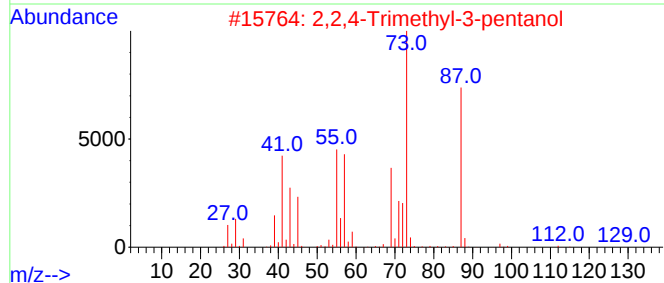
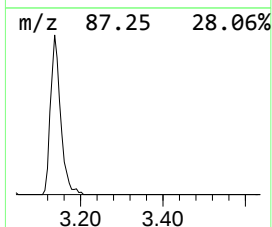
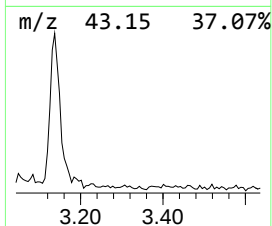
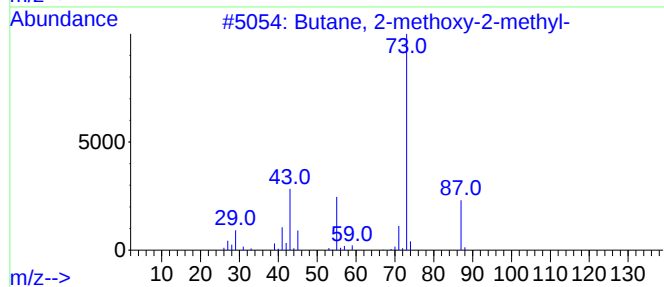
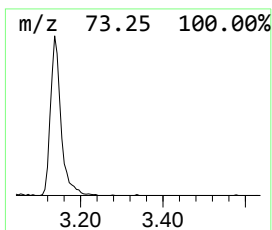
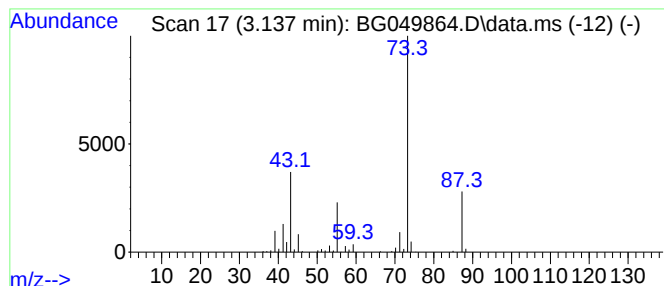
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.137	18.50 ng	186926	1,4-Dichlorobenzene-d4	8.024

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	64
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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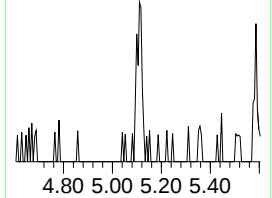
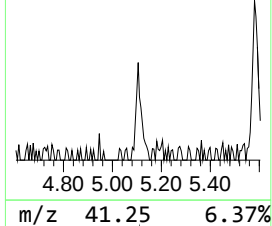
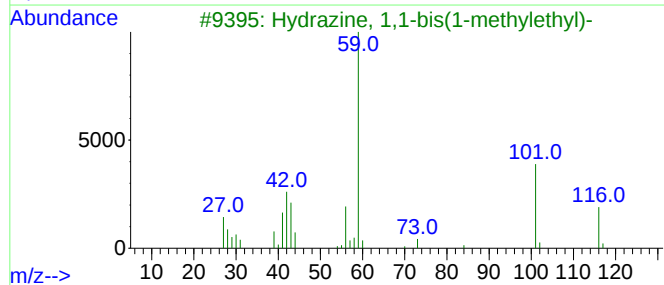
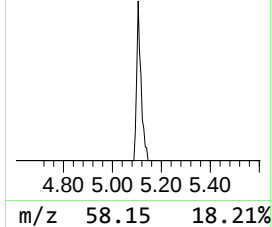
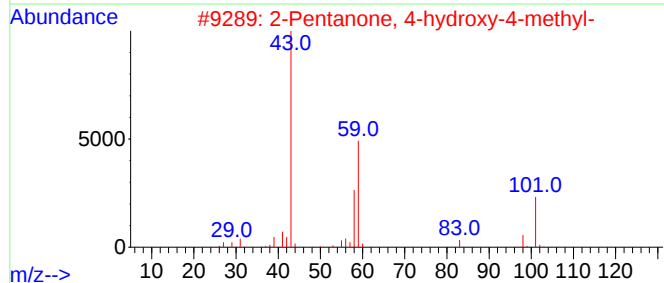
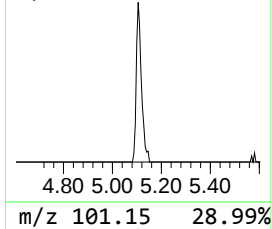
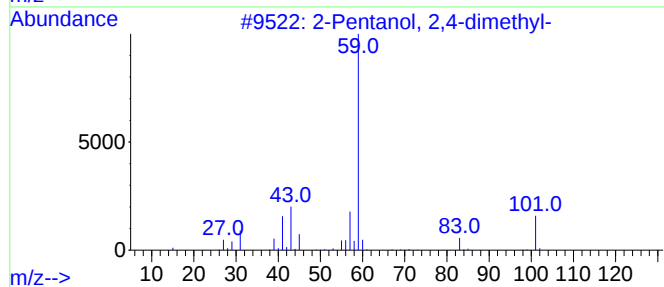
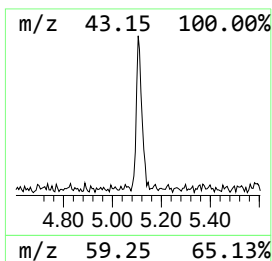
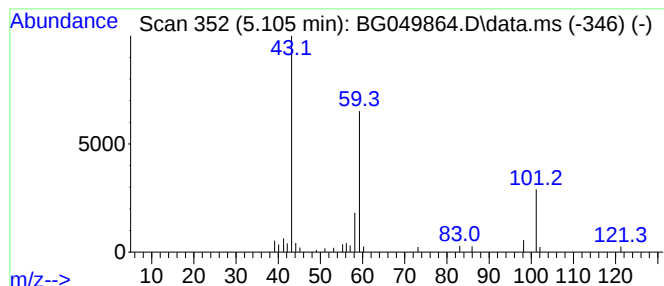
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanol, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.105	3.82 ng	38637	1,4-Dichlorobenzene-d4	8.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32



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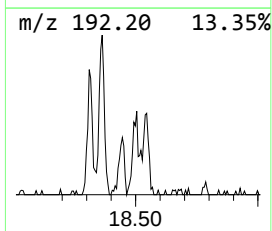
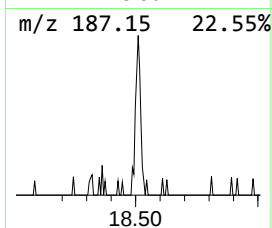
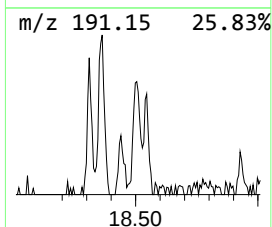
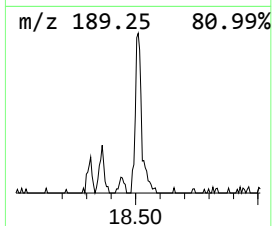
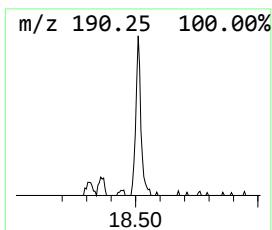
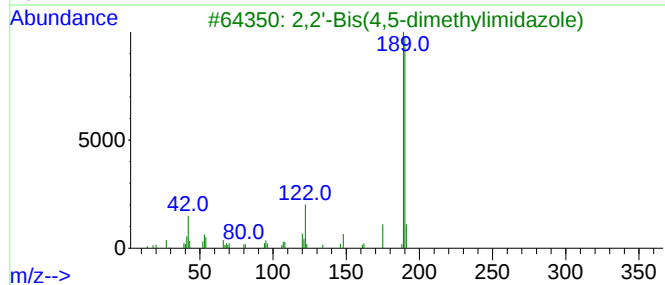
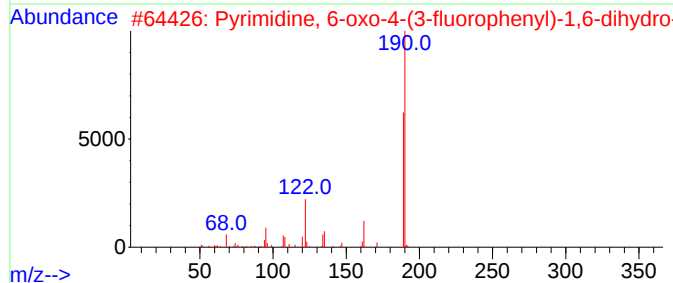
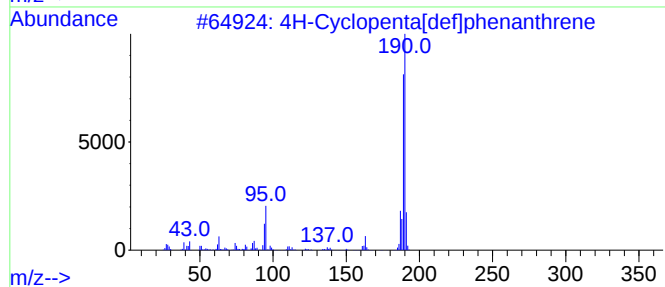
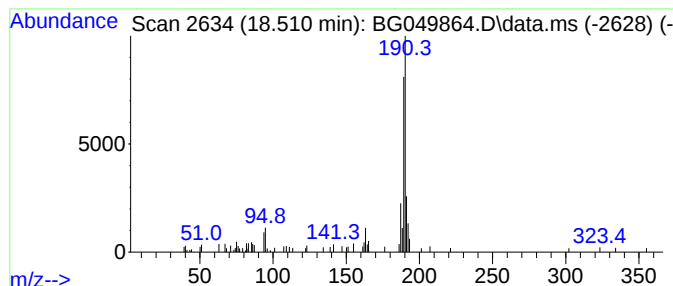
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	2.89 ng	64921	Phenanthrene-d10	17.435

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2			Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	50
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	40
5			1,1'-Biphenyl,3,3'-difluoro-	190	C12H8F2	000396-64-5	38



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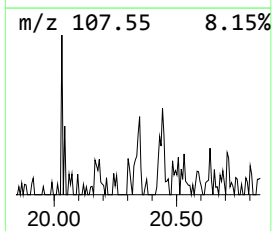
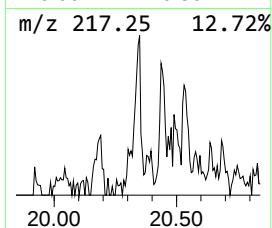
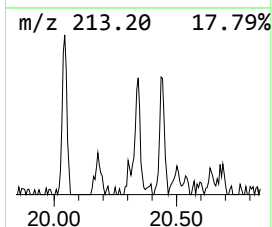
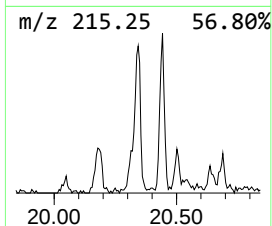
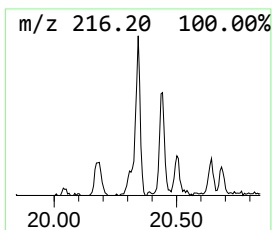
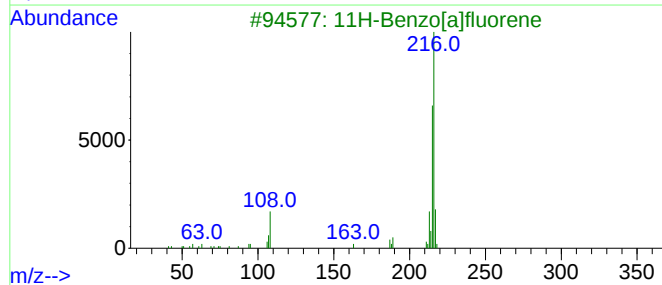
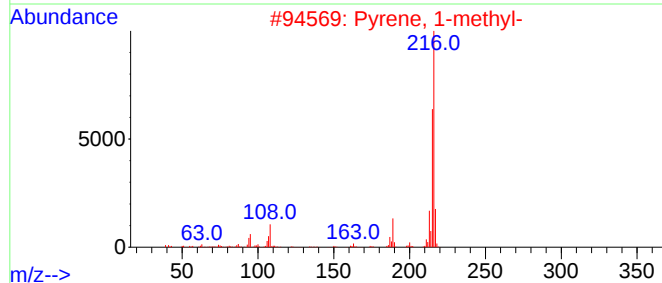
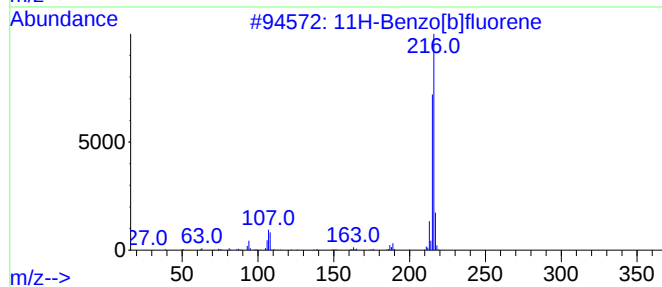
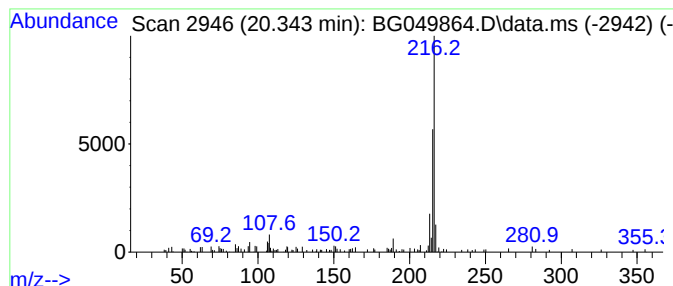
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Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.343	2.59 ng	87162	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	59



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BR-2-081221

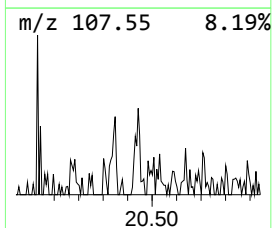
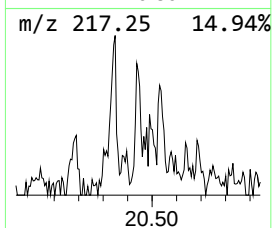
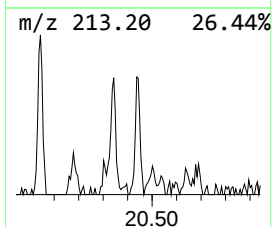
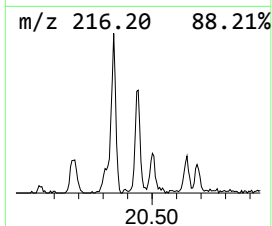
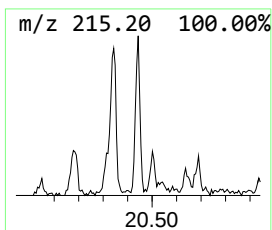
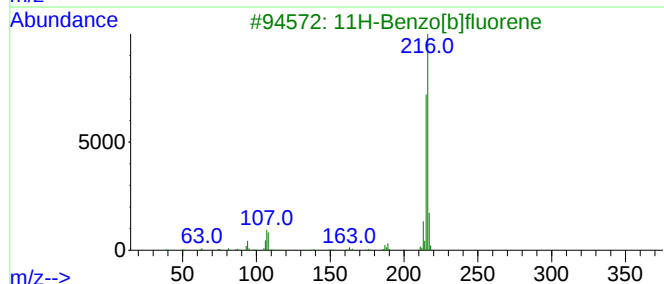
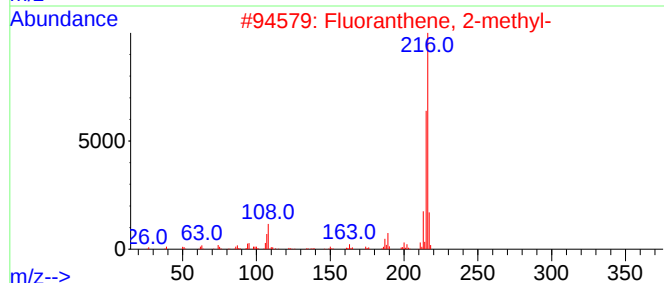
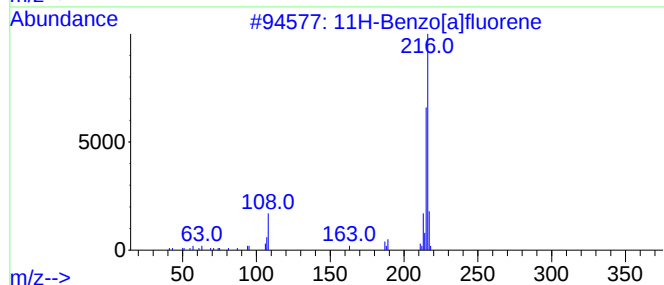
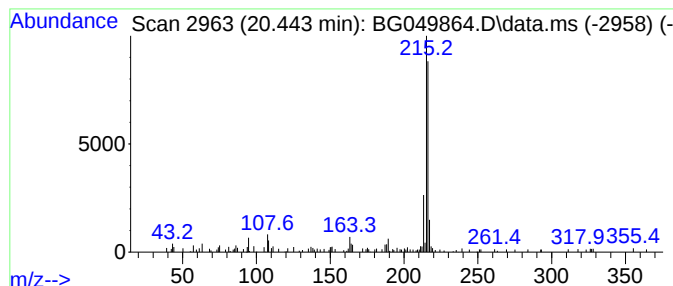
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.443	2.18 ng	73470	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049864.D
Acq On : 17 Aug 2021 00:35
Operator : CG/JU
Sample : M3401-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BR-2-081221

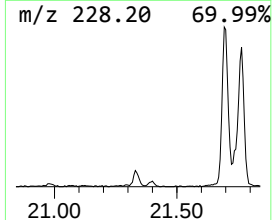
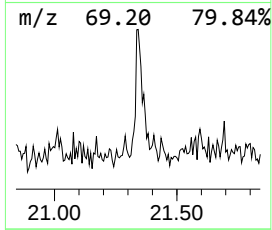
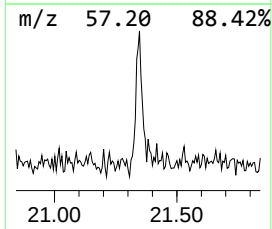
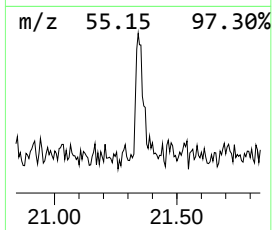
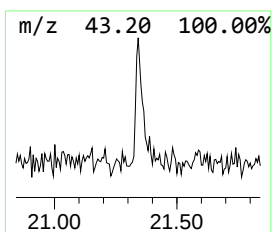
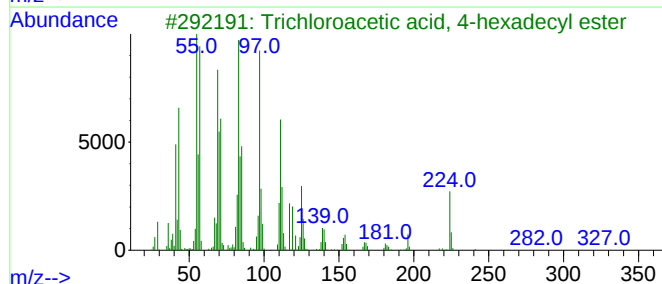
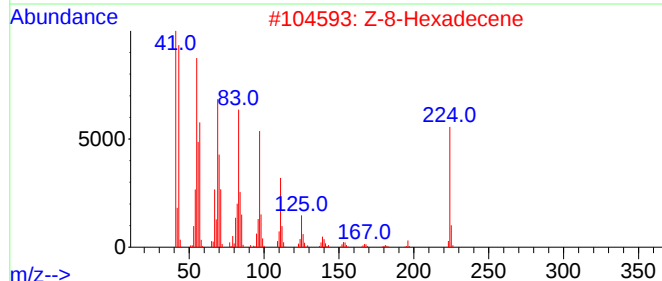
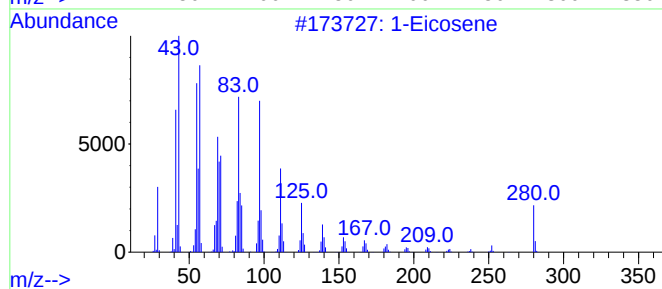
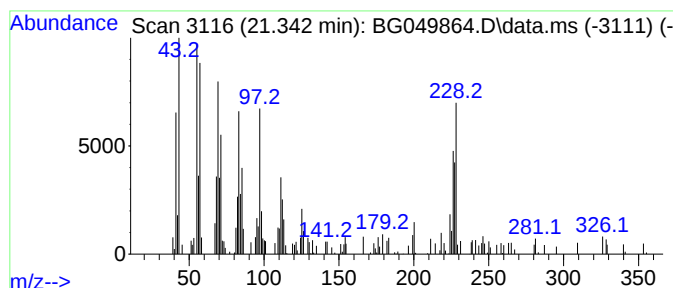
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	2.73 ng	91972	Chrysene-d12	21.718

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene			280	C20H40	003452-07-1	91
2	Z-8-Hexadecene			224	C16H32	1000130-87-5	60
3	Trichloroacetic acid, 4-hexadecy...			386	C18H33Cl3O2	1000282-92-4	60
4	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	60
5	Pentadecafluorooctanoic acid, he...			638	C24H33F15O2	1000406-04-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049864.D
Acq On : 17 Aug 2021 00:35
Operator : CG/JU
Sample : M3401-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BR-2-081221

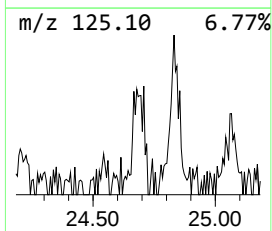
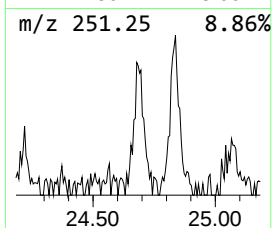
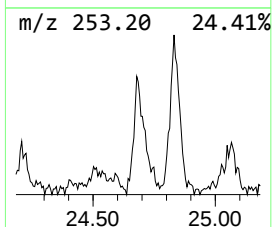
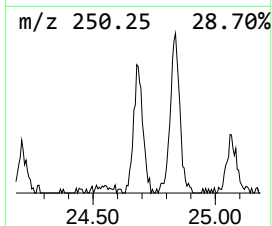
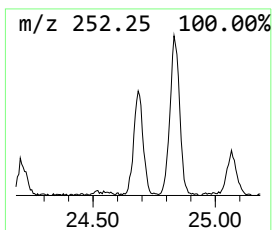
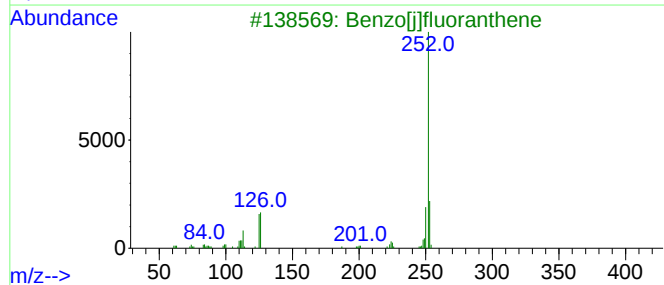
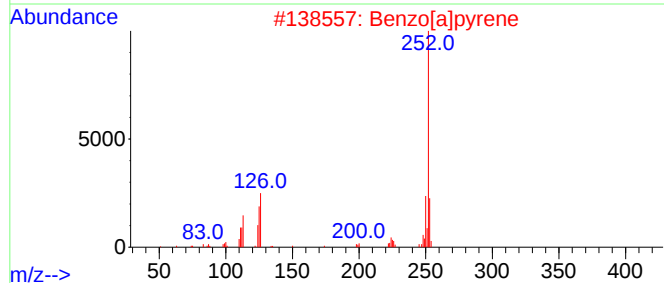
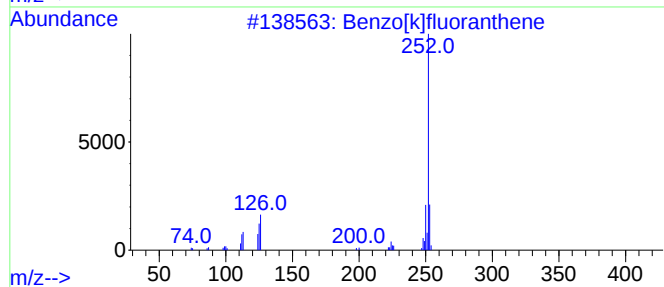
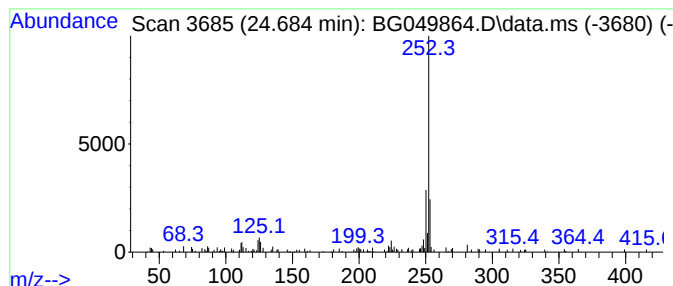
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.684	6.23 ng	144395	Perylene-d12	24.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2			Benzo[a]pyrene	252	C20H12	000050-32-8	76
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	68
4			4H-1-Benzopyran-4-one, 8-methoxy...	252	C16H12O3	026964-26-1	64
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049864.D
Acq On : 17 Aug 2021 00:35
Operator : CG/JU
Sample : M3401-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BR-2-081221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.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...	3.137	18.5	ng	186926	1	8.024	202111	20.0
2-Pentanol, 2,4...	5.105	3.8	ng	38637	1	8.024	202111	20.0
4H-Cyclopenta[d...	18.510	2.9	ng	64921	4	17.435	449156	20.0
11H-Benzo[b]flu...	20.343	2.6	ng	87162	5	21.718	672610	20.0
11H-Benzo[a]flu...	20.443	2.2	ng	73470	5	21.718	672610	20.0
1-Eicosene	21.342	2.7	ng	91972	5	21.718	672610	20.0
Benzo[j]fluoran...	24.684	6.2	ng	144395	6	24.990	463528	20.0