

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053239.D
 Acq On : 21 Apr 2022 13:31
 Operator : CG/JU
 Sample : N2434-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RCA-EDISON-PILE-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.567	26	30	36	rVB	65221	81588	2.69%	0.641%
2	4.718	221	226	233	rBV	70390	99339	3.28%	0.781%
3	5.176	298	304	306	rBV	36659	57750	1.91%	0.454%
4	5.206	306	309	314	rVB	37288	52288	1.73%	0.411%
5	5.681	382	390	401	rBV	548777	899370	29.71%	7.071%
6	7.273	652	661	673	rBV	516604	910982	30.09%	7.162%
7	8.113	796	804	812	rBV	111658	190196	6.28%	1.495%
8	9.277	992	1002	1011	rBV	383413	713554	23.57%	5.610%
9	10.921	1275	1282	1291	rBV	136176	252563	8.34%	1.986%
10	13.359	1690	1697	1706	rBV	1045004	1602920	52.95%	12.602%
11	14.734	1923	1931	1938	rBV	239840	379198	12.53%	2.981%
12	16.220	2177	2184	2197	rBV	852180	1409852	46.57%	11.084%
13	17.477	2392	2398	2410	rBV	322648	506968	16.75%	3.986%
14	19.704	2771	2777	2786	rBV	131168	199705	6.60%	1.570%
15	20.086	2835	2842	2848	rBV	2318287	3027459	100.00%	23.802%
16	20.326	2877	2883	2890	rBV	60747	87190	2.88%	0.685%
17	20.820	2963	2967	2976	rBV	63089	92792	3.07%	0.730%
18	21.407	3063	3067	3072	rVV	25063	40057	1.32%	0.315%
19	21.472	3073	3078	3089	rVB	122358	191518	6.33%	1.506%
20	21.766	3121	3128	3136	rVB	346962	607425	20.06%	4.776%
21	23.152	3352	3364	3365	rBV	25269	73494	2.43%	0.578%
22	24.509	3593	3595	3604	rVB9	17903	38457	1.27%	0.302%
23	24.961	3664	3672	3673	rBV8	14567	35077	1.16%	0.276%
24	25.061	3681	3689	3700	rVB2	201345	617077	20.38%	4.852%
25	25.842	3815	3822	3833	rVB10	20704	61604	2.03%	0.484%
26	26.471	3905	3929	3931	rBV8	107438	490827	16.21%	3.859%

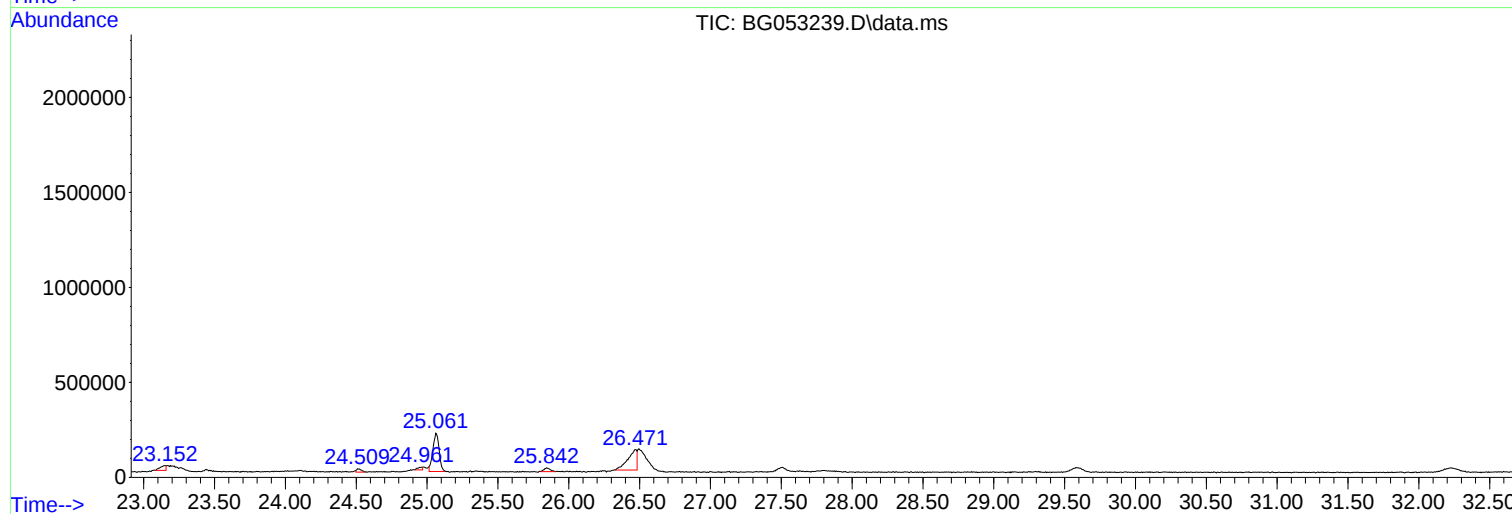
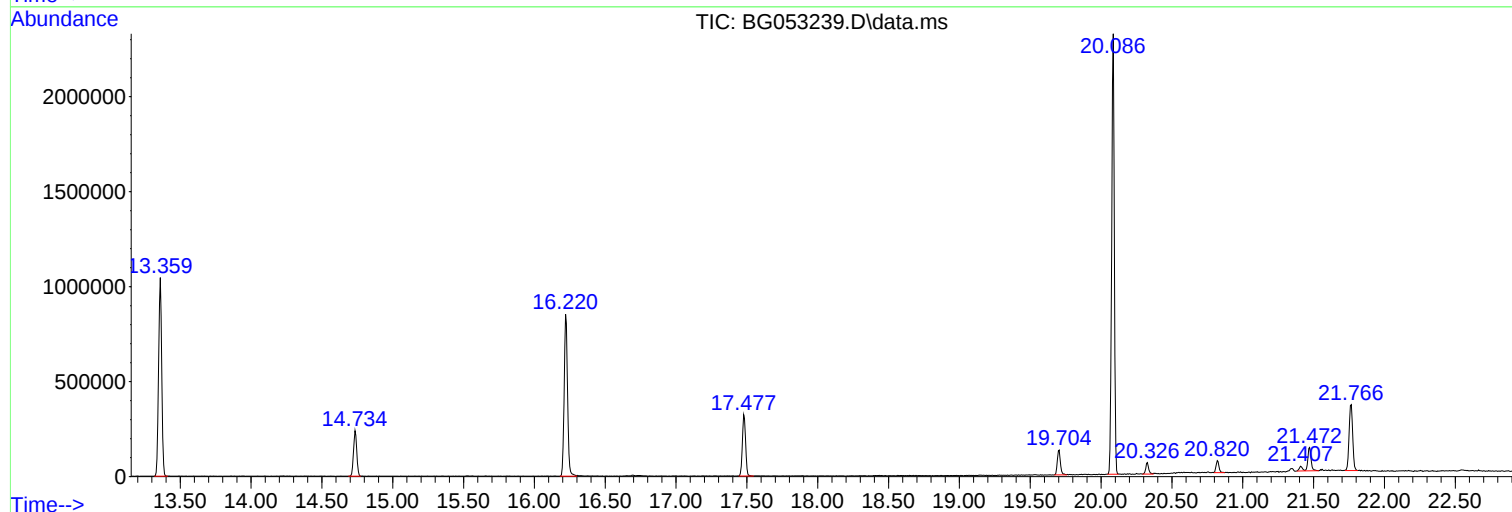
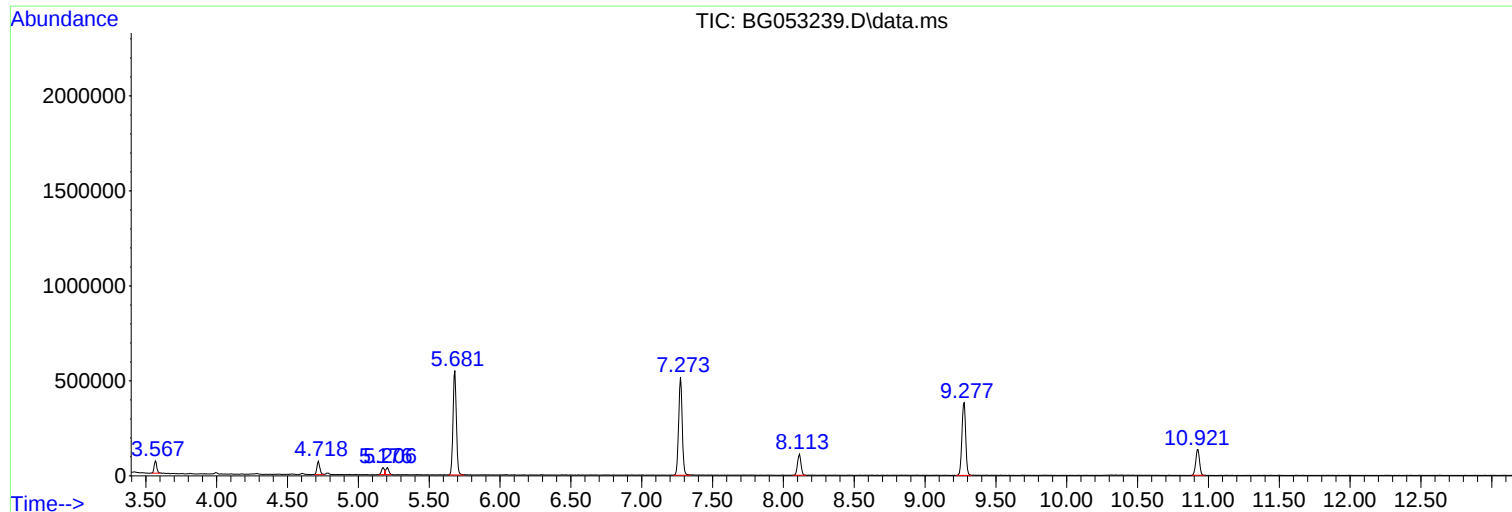
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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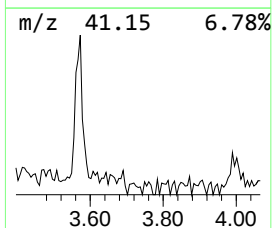
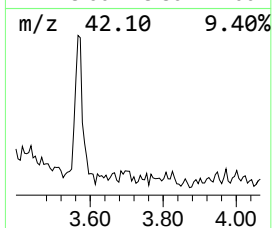
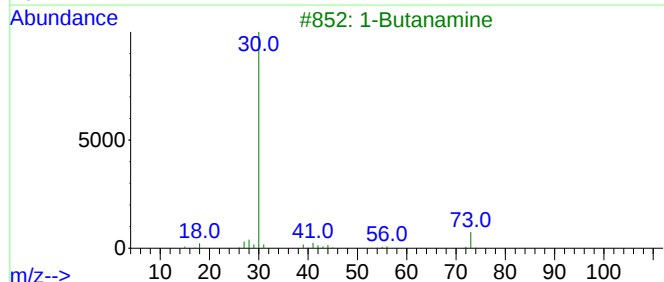
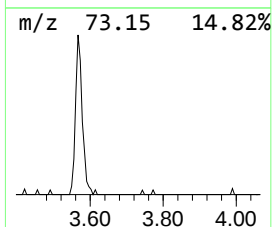
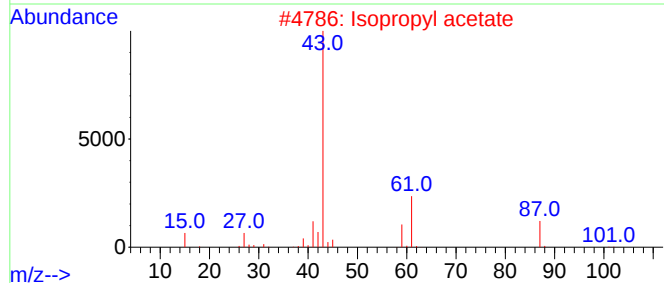
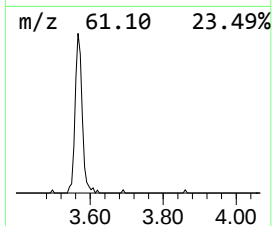
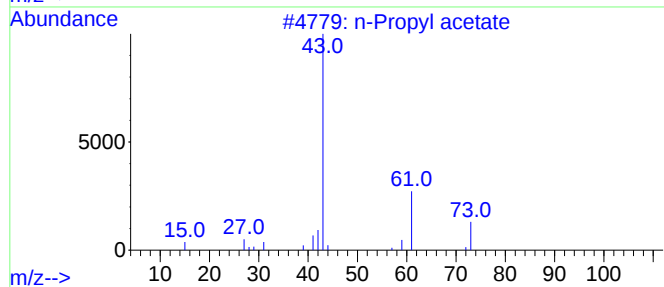
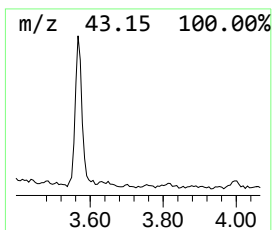
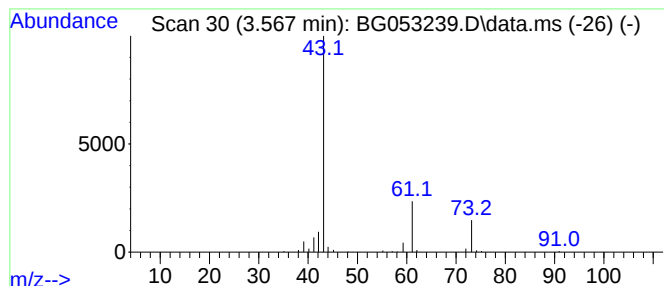
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.567	8.58 ng	81588	1,4-Dichlorobenzene-d4	8.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Propyl acetate	102	C5H10O2	000109-60-4	78
2			Isopropyl acetate	102	C5H10O2	000108-21-4	9
3			1-Butanamine	73	C4H11N	000109-73-9	7
4			Isobutylamine	73	C4H11N	000078-81-9	4
5			Pentane	72	C5H12	000109-66-0	4



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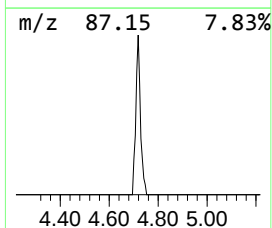
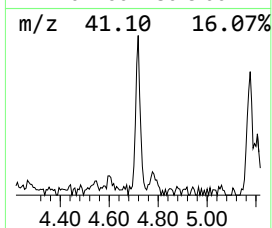
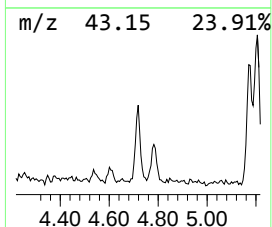
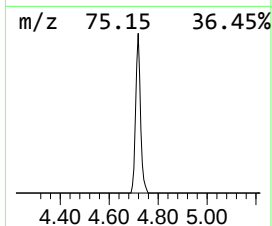
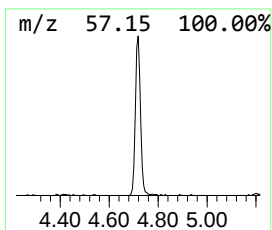
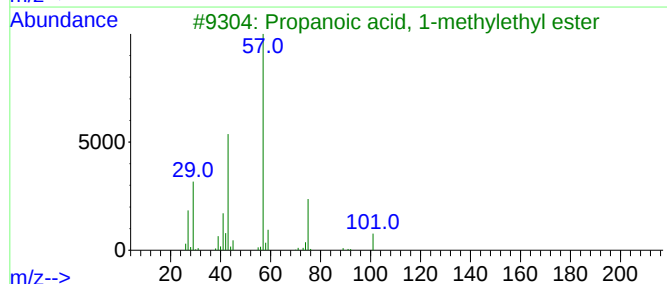
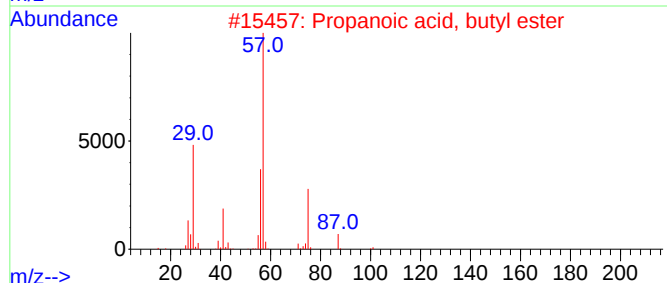
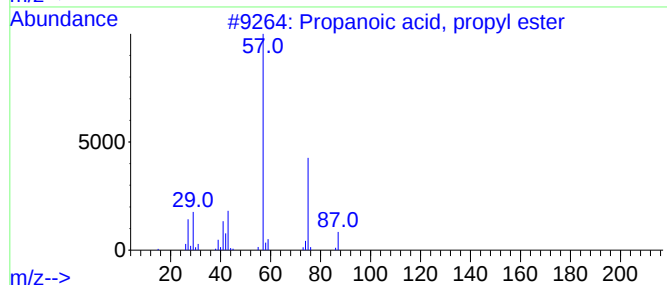
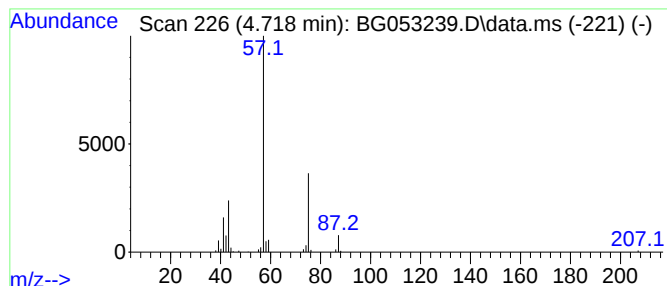
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.718	10.45 ng	99339	1,4-Dichlorobenzene-d4	8.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2			Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	45
3			Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	38
4			di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	25
5			Isobutyl ether	130	C8H18O	000628-55-7	23



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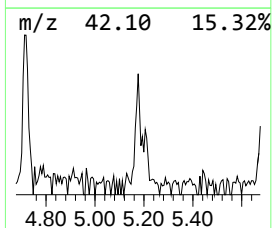
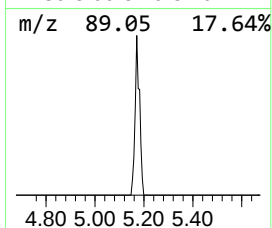
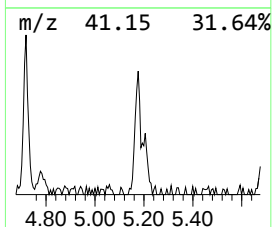
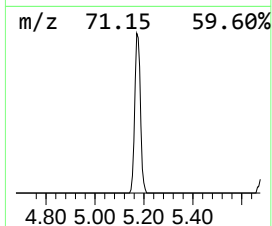
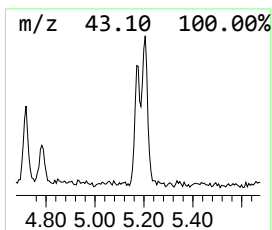
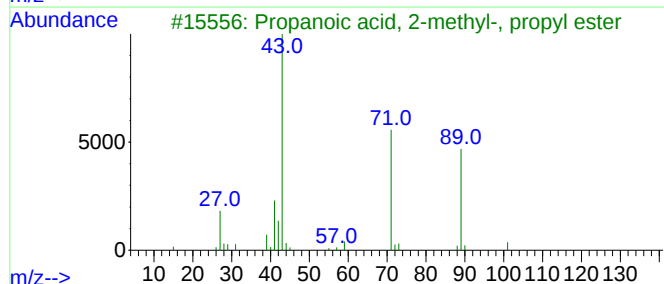
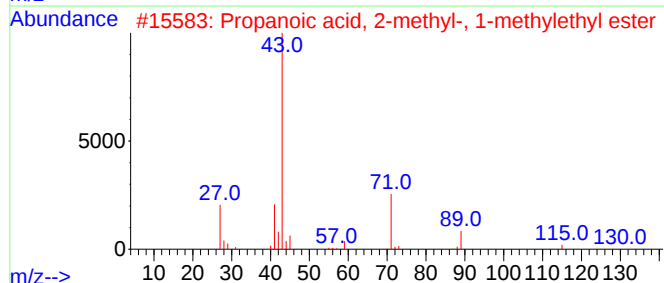
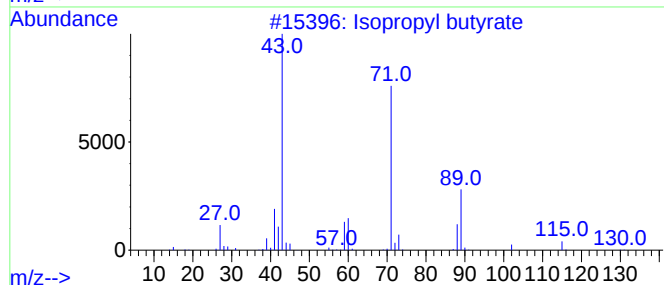
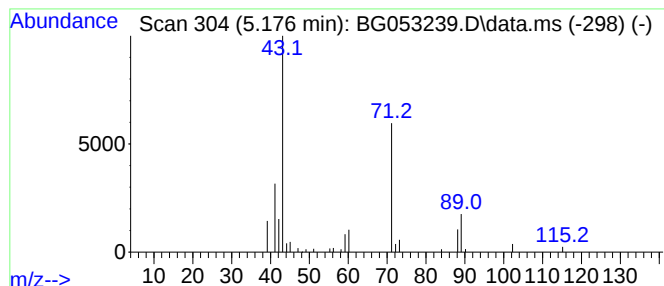
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Isopropyl butyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.176	6.07 ng	57750	1,4-Dichlorobenzene-d4	8.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl butyrate	130	C7H14O2	000638-11-9	86
2			Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	53
3			Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50
4			Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	45
5			Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	45



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Misc :
ALS Vial : 5 Sample Multiplier: 1

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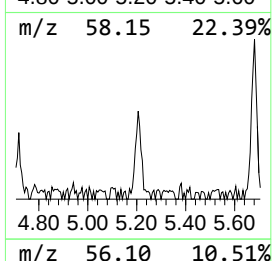
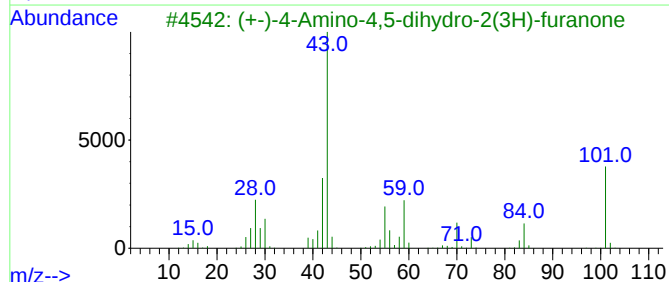
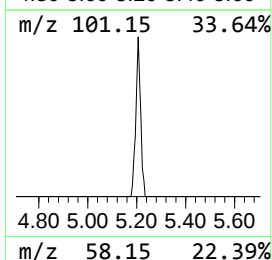
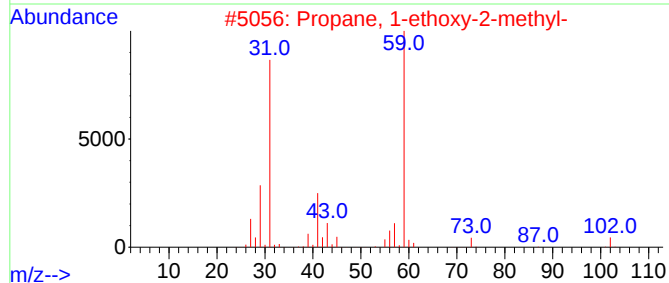
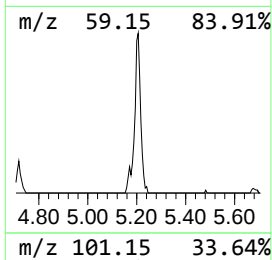
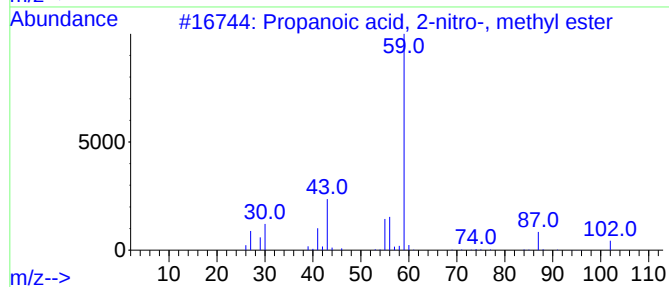
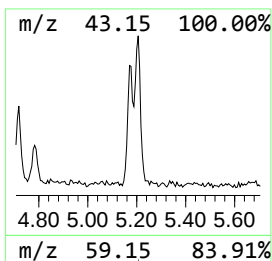
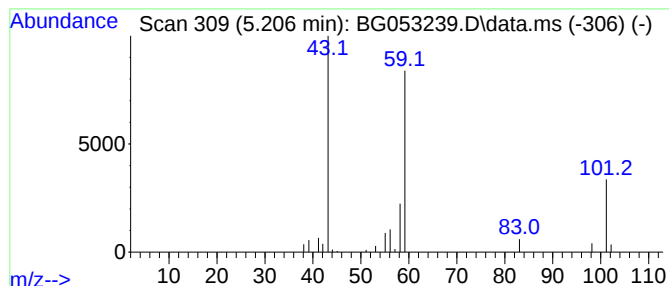
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown5.206 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.206	5.50 ng	52288	1,4-Dichlorobenzene-d4	8.113

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	28
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
3			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	14
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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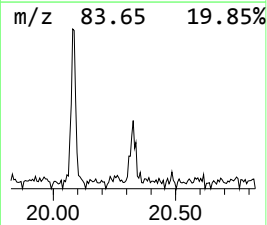
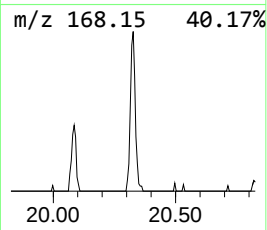
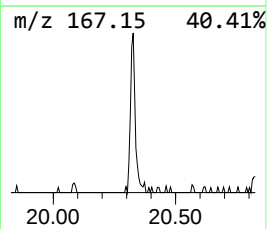
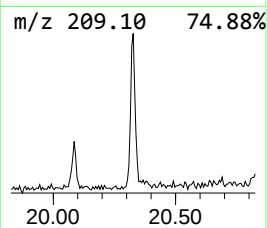
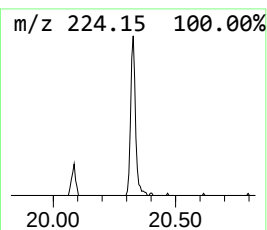
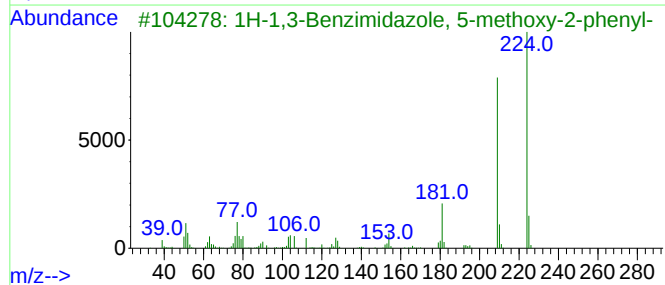
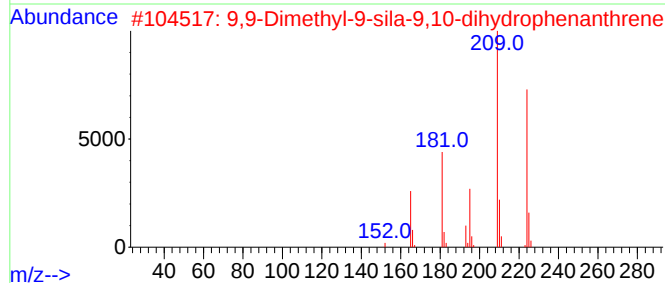
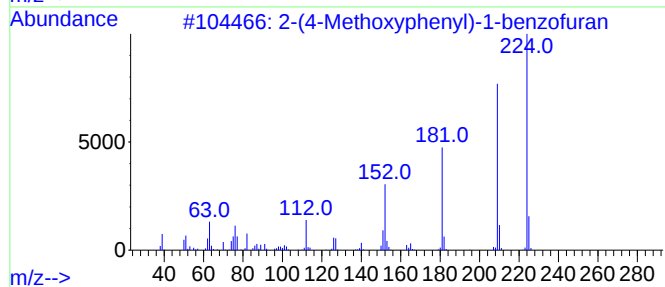
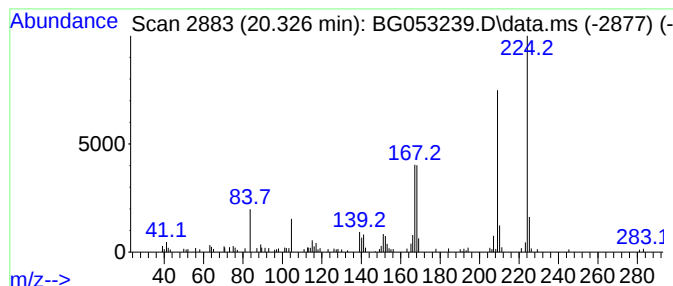
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-(4-Methoxyphenyl)-1-benzo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.326	2.87 ng	87190	Chrysene-d12	21.766

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Methoxyphenyl)-1-benzofuran	224	C15H12O2	019234-04-9	53		
2	9,9-Dimethyl-9-sila-9,10-dihydro...	224	C15H16Si	187328-55-8	50		
3	1H-1,3-Benzimidazole, 5-methoxy...	224	C14H12N2O	1000350-62-4	49		
4	4,6-Diaminoresorcinol, N,N,N',N'...	224	C12H20N2O2	1000494-57-0	49		
5	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	49		



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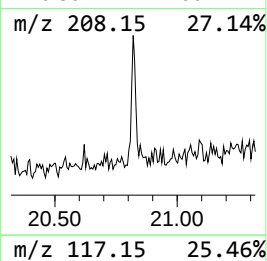
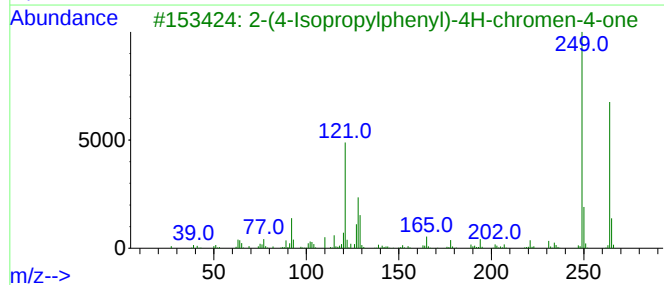
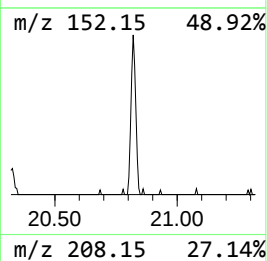
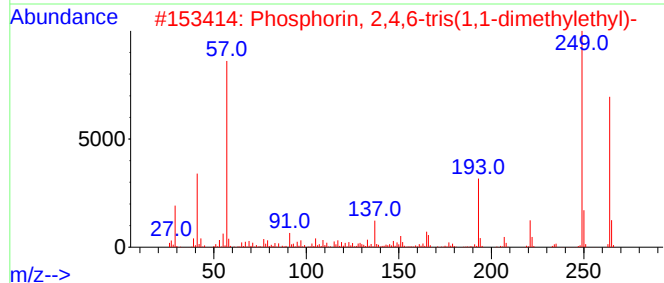
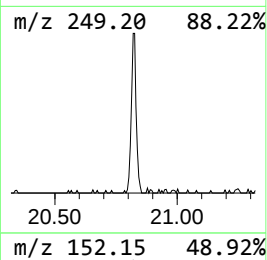
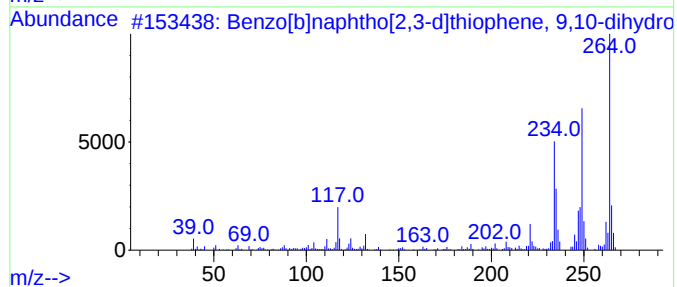
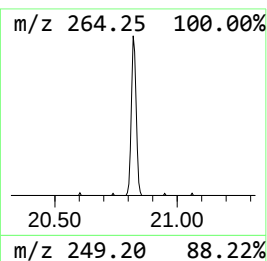
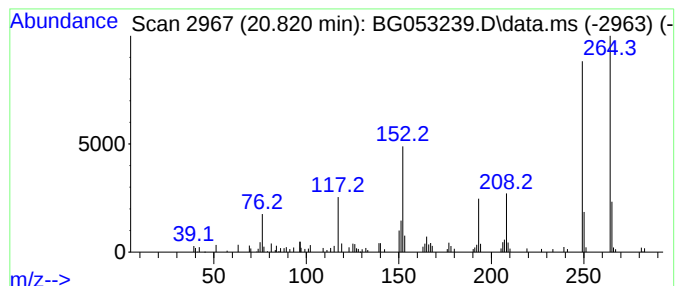
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.820	3.06 ng	92792	Chrysene-d12	21.766	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene,...	264	C18H16S	024964-00-9	58
2	Phosphorin, 2,4,6-tris(1,1-dimet...	264	C17H29P	017420-29-0	52
3	2-(4-Isopropylphenyl)-4H-chromen...	264	C18H16O2	092831-11-3	47
4	2-(4-Acetylphenyl)-1H-quinazolin...	264	C16H12N2O2	1281089-78-8	47
5	1(3H)-Isobenzofuranone, 3-(3-oxo...	264	C16H8O4	000482-23-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053239.D
Acq On : 21 Apr 2022 13:31
Operator : CG/JU
Sample : N2434-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

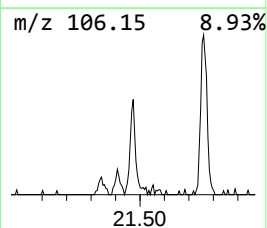
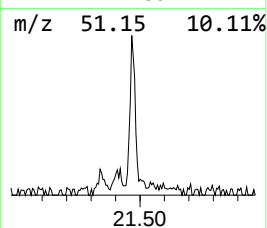
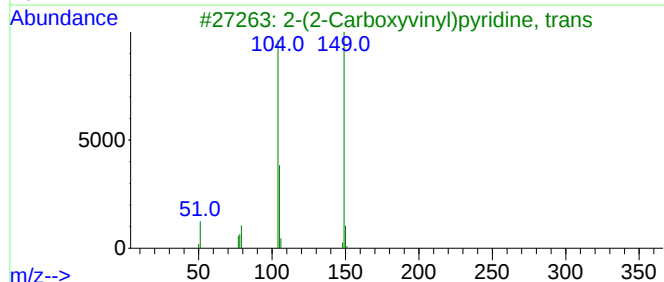
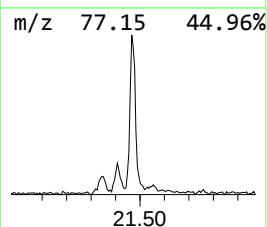
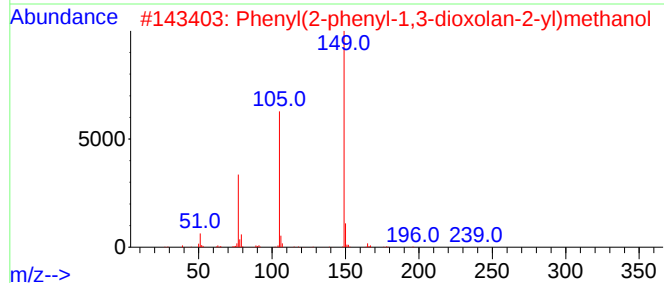
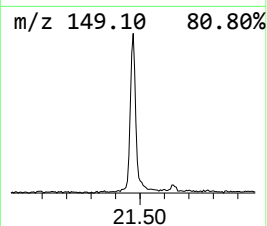
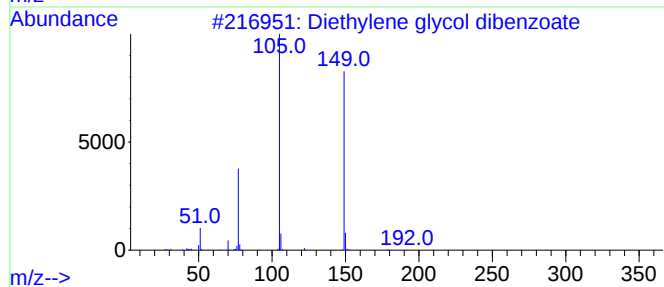
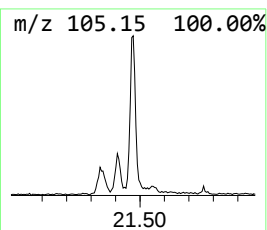
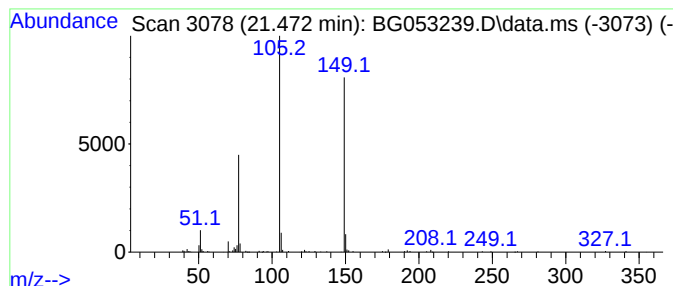
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.472	6.31 ng	191518	Chrysene-d12	21.766

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2			Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	78
3			2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
4			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
5			N-(3-Phenyl-1,2,4-thiadiazol-5-y...	281	C15H11N3OS	017280-75-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053239.D
Acq On : 21 Apr 2022 13:31
Operator : CG/JU
Sample : N2434-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

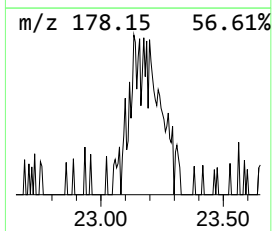
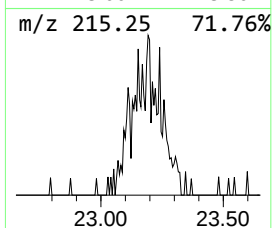
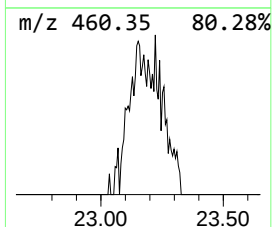
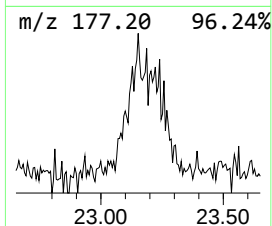
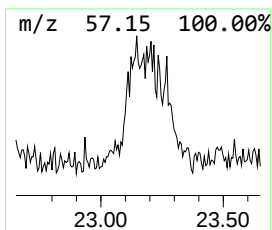
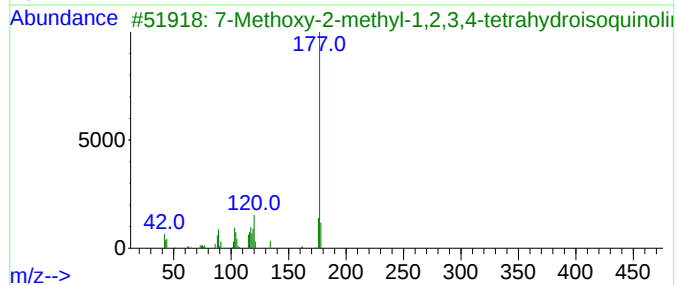
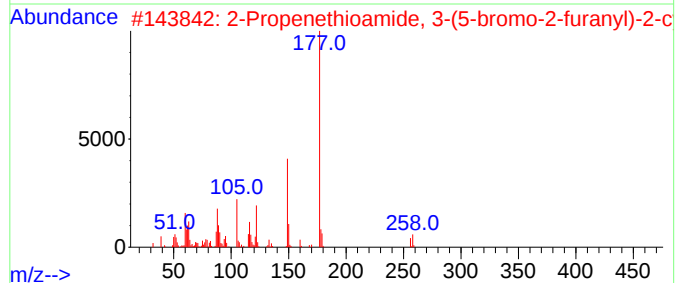
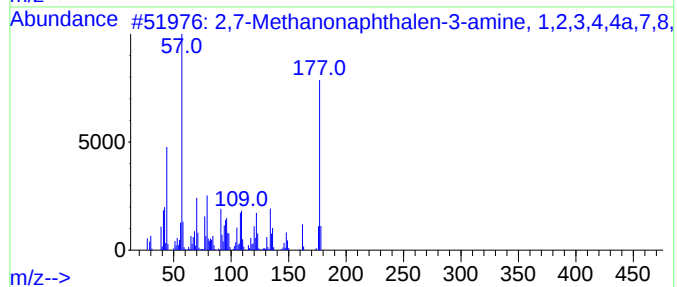
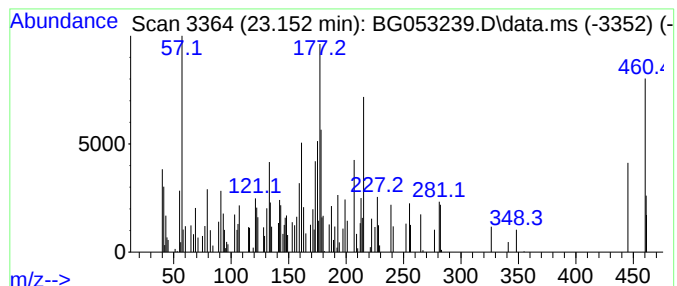
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown23.152 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.152	2.42 ng	73494	Chrysene-d12	21.766

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Methanonaphthalen-3-amine, 1...	177	C12H19N	1000186-49-9	11		
2	2-Propenethioamide, 3-(5-bromo-2...	256	C8H5BrN2OS	1000319-19-5	11		
3	7-Methoxy-2-methyl-1,2,3,4-tetra...	177	C11H15NO	054893-23-1	10		
4	s-Triazine, 2,4-diamino-6-(2-fur...	177	C7H7N5O	004685-18-1	10		
5	2-(2-Hydroxypropionyl)phenylglyo...	222	C11H10O5	091345-20-9	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053239.D
Acq On : 21 Apr 2022 13:31
Operator : CG/JU
Sample : N2434-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

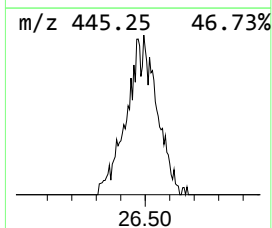
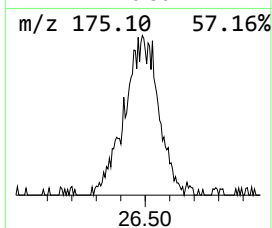
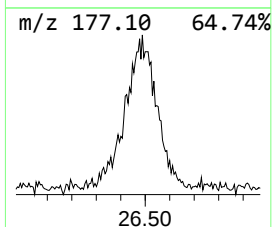
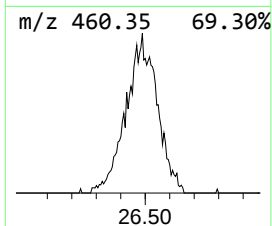
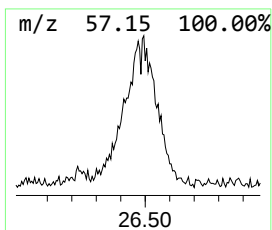
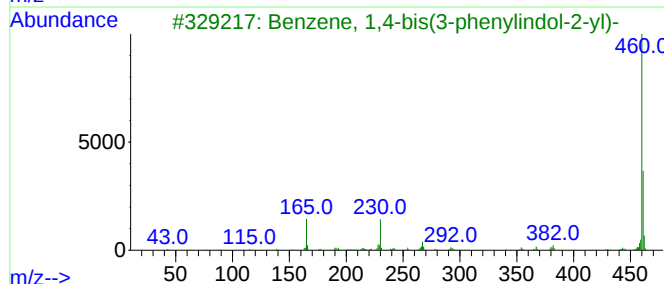
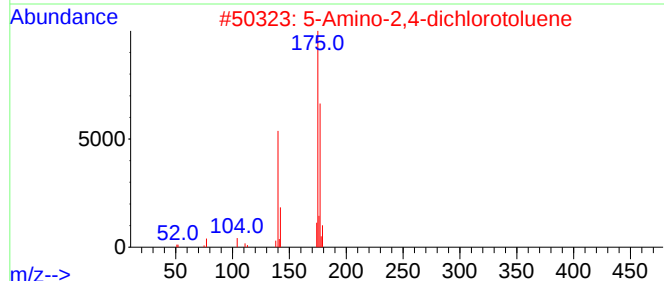
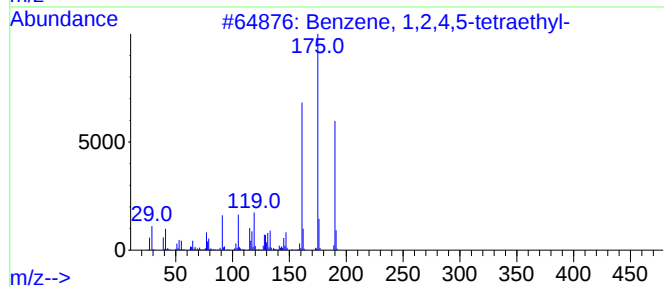
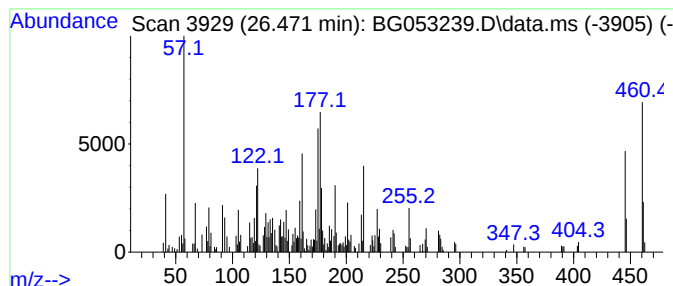
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown26.471 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.471	15.91 ng	490827	Perylene-d12	25.061

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetraethyl-	190	C14H22	000635-81-4	15
2			5-Amino-2,4-dichlorotoluene	175	C7H7Cl2N	017601-75-1	11
3			Benzene, 1,4-bis(3-phenylindol-2-yl)-	460	C34H24N2	164936-88-3	10
4			2,5-Dichloro-.alpha.-methylbenzy...	190	C8H8Cl2O	001475-12-3	10
5			1,3,5-Triazine-2,4,6-triamine, N...	460	C27H24N8	033933-66-3	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053239.D
Acq On : 21 Apr 2022 13:31
Operator : CG/JU
Sample : N2434-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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
n-Propyl acetate	3.567	8.6	ng	81588	1	8.113	190196	20.0
Propanoic acid,...	4.718	10.4	ng	99339	1	8.113	190196	20.0
Isopropyl butyrate	5.176	6.1	ng	57750	1	8.113	190196	20.0
unknown5.206	5.206	5.5	ng	52288	1	8.113	190196	20.0
2-(4-Methoxyph...	20.326	2.9	ng	87190	5	21.766	607425	20.0
Benzo[b]naphtho...	20.820	3.1	ng	92792	5	21.766	607425	20.0
Diethylene glyc...	21.472	6.3	ng	191518	5	21.766	607425	20.0
unknown23.152	23.152	2.4	ng	73494	5	21.766	607425	20.0
unknown26.471	26.471	15.9	ng	490827	6	25.061	617077	20.0