

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039839.D
 Acq On : 05 May 2023 10:55
 Operator : CG/JU
 Sample : 02447-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW933DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:20:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 06 02:18:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2044	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.595	136	8237	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.437	164	5332	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	13546	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.386	240	10025	0.400	ng/ul	#-0.02
23) Perylene-d12	23.730	264	11460	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1068	0.355	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	332	0.031	ng/ul	-0.02
18) Fluoranthene-d10	19.224	212	1148	0.043	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	5588	0.270	ng/ul#	95
7) 2-Methylnaphthalene	12.272	142	3669	0.307	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	2816	0.220	ng/ul	100
10) Acenaphthylene	14.159	152	13768	0.667	ng/ul	99
11) Acenaphthene	14.497	153	11050	0.682	ng/ul	99
12) Fluorene	15.491	166	12273	0.682	ng/ul	100
15) Phenanthrene	17.229	178	165402	4.635	ng/ul	98
16) Anthracene	17.326	178	32408	1.058	ng/ul	99
19) Fluoranthene	19.252	202	342819	9.585	ng/ul	99
20) Pyrene	19.615	202	348036	9.011	ng/ul	99
21) Benzo(a)anthracene	21.369	228	181881	6.310	ng/ul	99
22) Chrysene	21.421	228	183708	5.632	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	256826	6.381	ng/ul	93
25) Benzo(k)fluoranthene	23.061	252	81353m	1.985	ng/ul	
26) Benzo(a)pyrene	23.625	252	164872	4.563	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.152	276	125626	2.749	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.152	278	32674	0.921	ng/ul	100
29) Benzo(g,h,i)perylene	26.900	276	124883	3.137	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

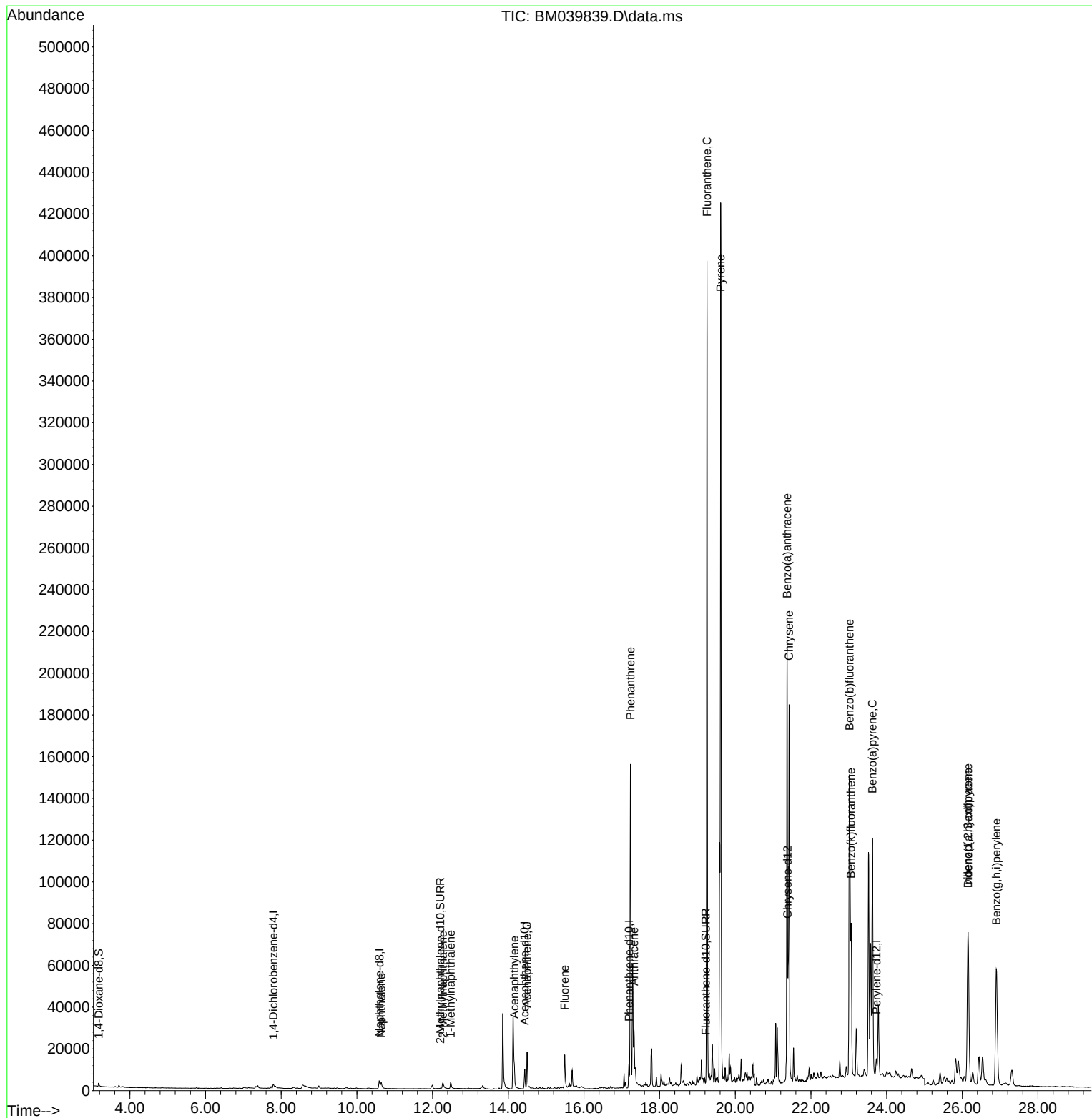
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
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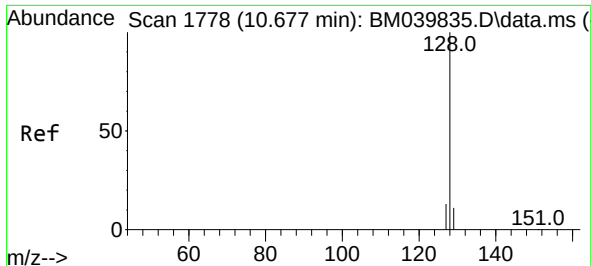
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Quant Time: May 06 02:20:27 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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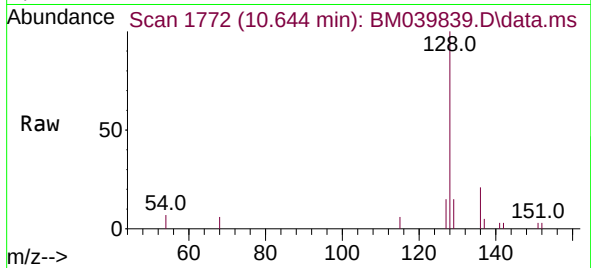
Reviewed By : Christian Giraldo 05/08/2023
Supervised By : Jagrut Upadhyay 05/08/2023





#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.644 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

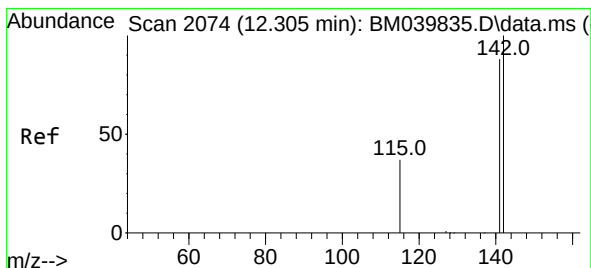
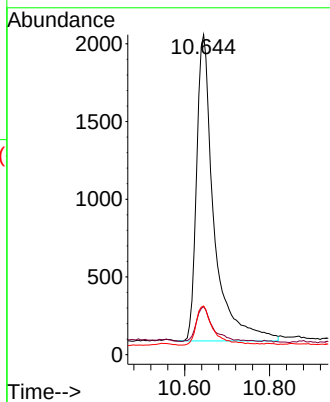
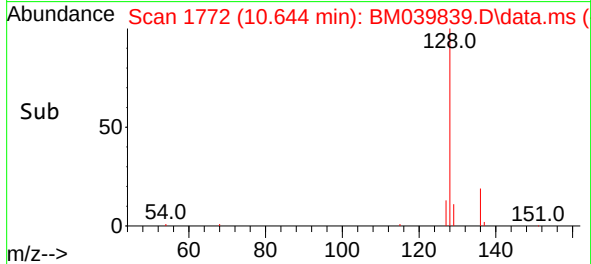
Instrument :
BNA_M
ClientSampleId :
EW933DL



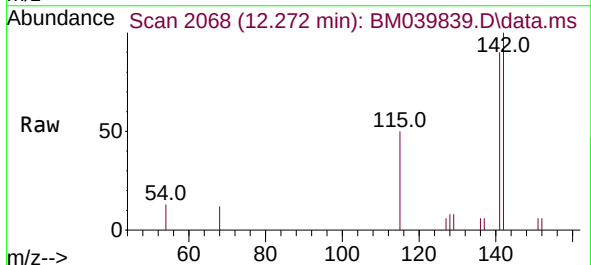
Tgt Ion:128 Resp: 5588
Ion Ratio Lower Upper
128 100
129 15.1 9.8 14.6
127 15.2 11.1 16.7

Manual Integrations
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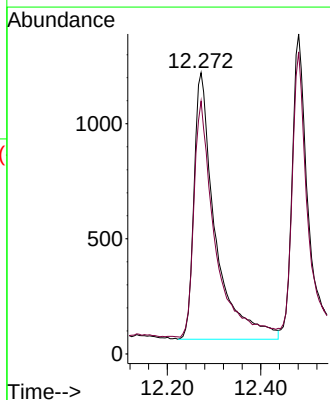
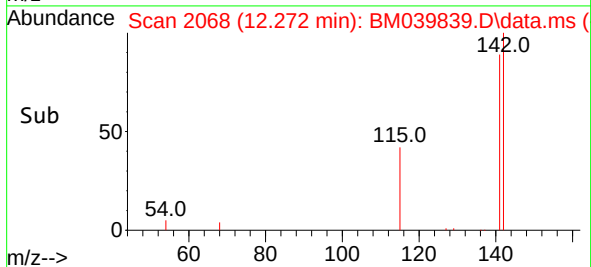
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

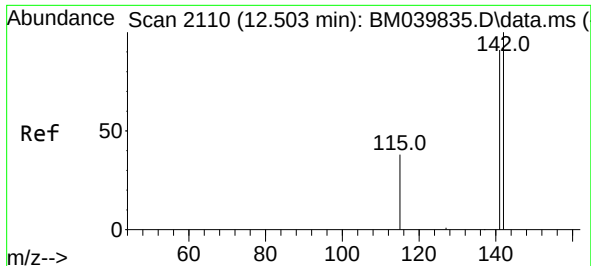


#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55



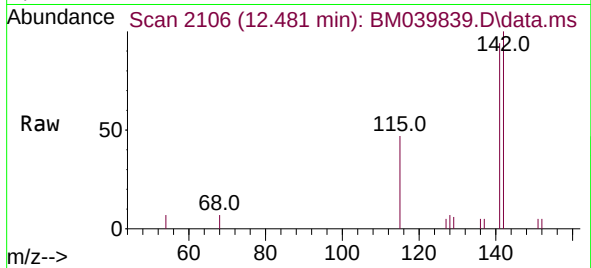
Tgt Ion:142 Resp: 3669
Ion Ratio Lower Upper
142 100
141 87.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.481 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

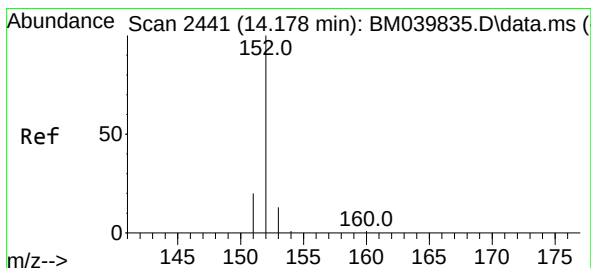
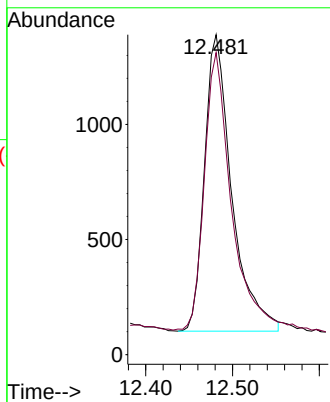
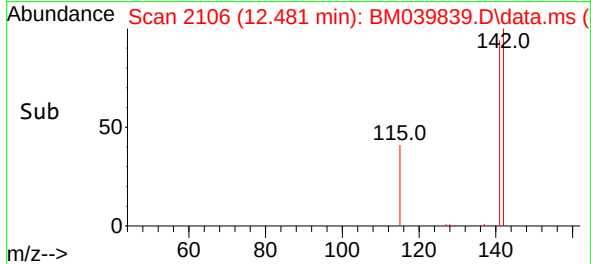
Instrument :
BNA_M
ClientSampleId :
EW933DL



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Ion Ratio Lower Upper
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141 91.5 73.4 110.2

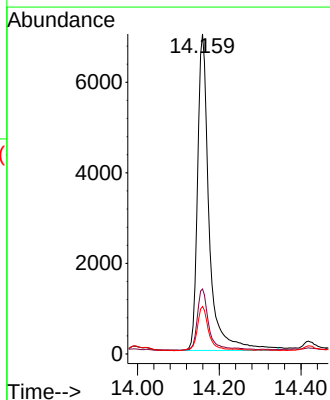
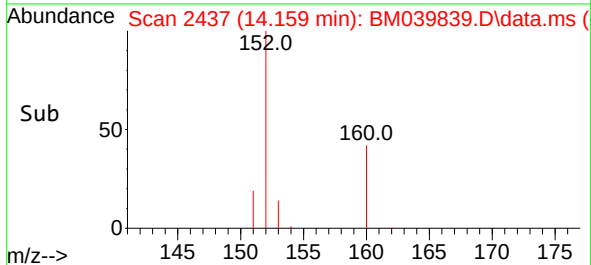
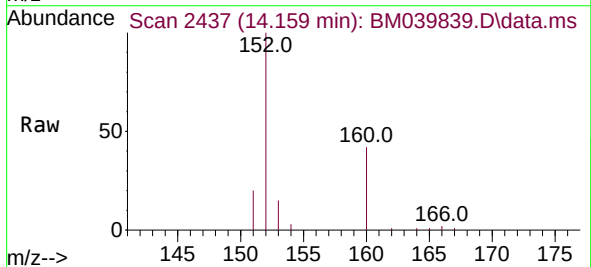
Manual Integrations
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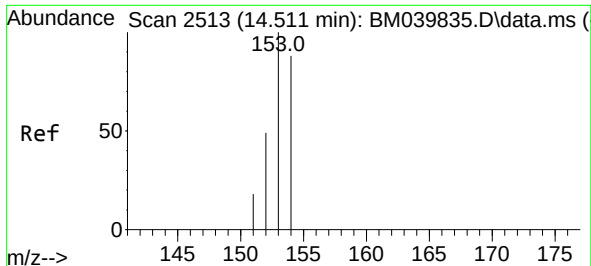
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 0.667 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.014 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

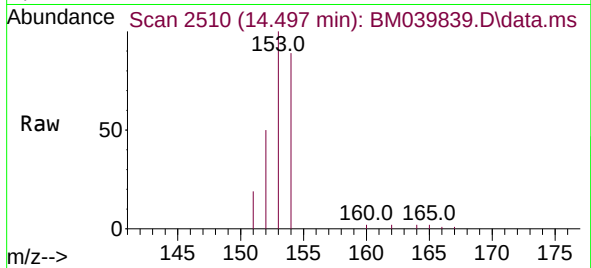
Tgt Ion:152 Resp: 13768
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.9 11.2 16.8





#11
Acenaphthene
Concen: 0.682 ng/ul
RT: 14.497 min Scan# 2105
Delta R.T. -0.014 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

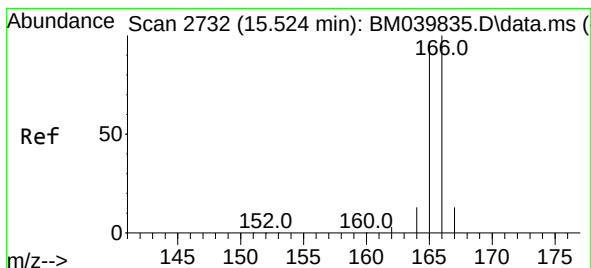
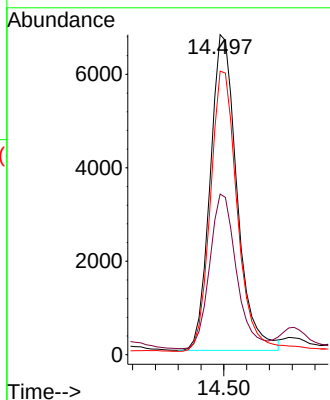
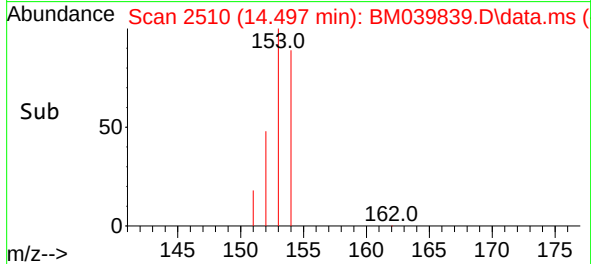
Instrument :
BNA_M
ClientSampleId :
EW933DL



Tgt Ion:153 Resp: 11050
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 88.6 71.9 107.9

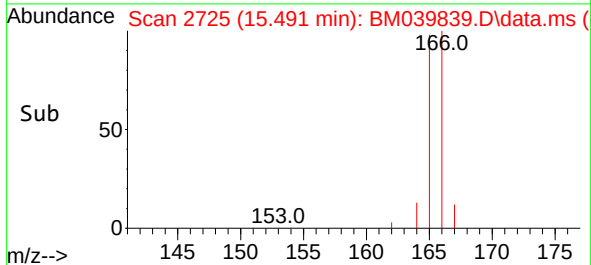
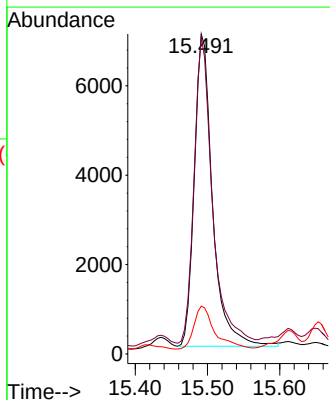
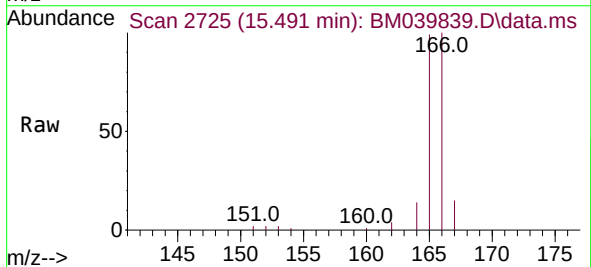
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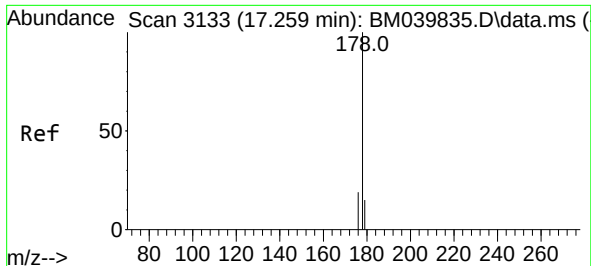
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#12
Fluorene
Concen: 0.682 ng/ul
RT: 15.491 min Scan# 2725
Delta R.T. -0.023 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

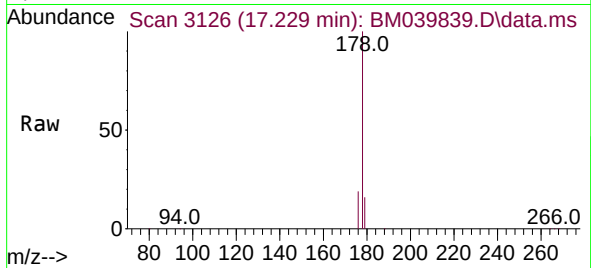
Tgt Ion:166 Resp: 12273
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 14.9 11.8 17.6





#15
Phenanthrene
Concen: 4.635 ng/ul
RT: 17.229 min Scan# 3133
Delta R.T. -0.025 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

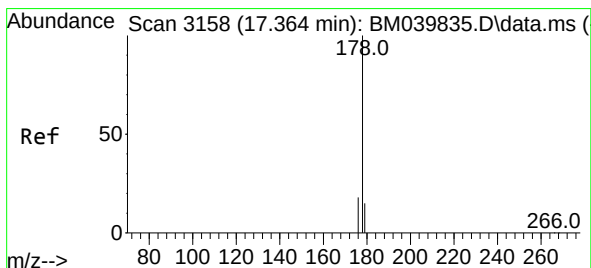
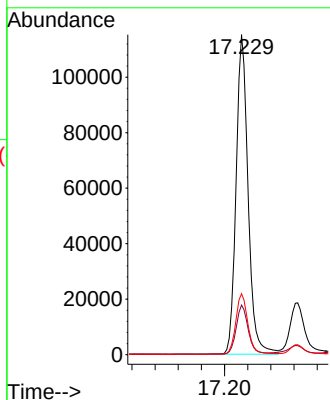
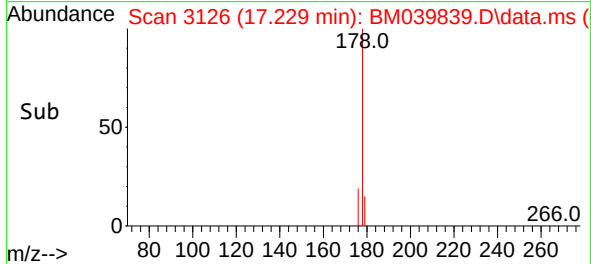
Instrument :
BNA_M
ClientSampleId :
EW933DL



Tgt Ion:178 Resp: 165402
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.1 15.8 23.8

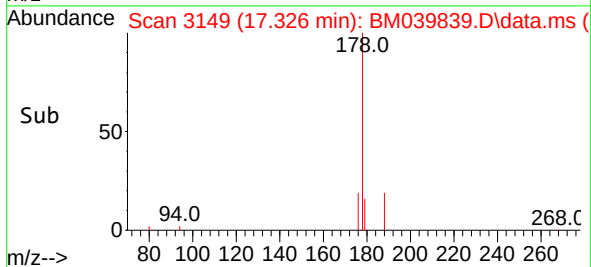
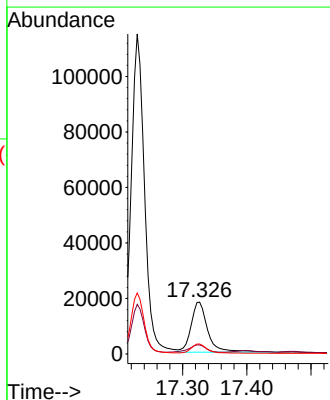
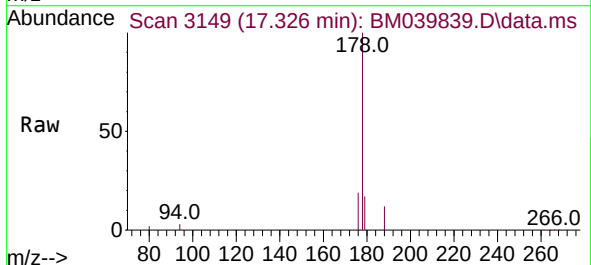
Manual Integrations
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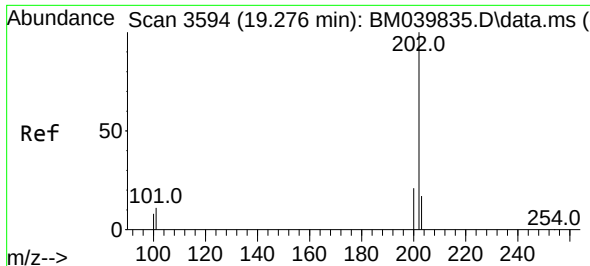
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#16
Anthracene
Concen: 1.058 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.030 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

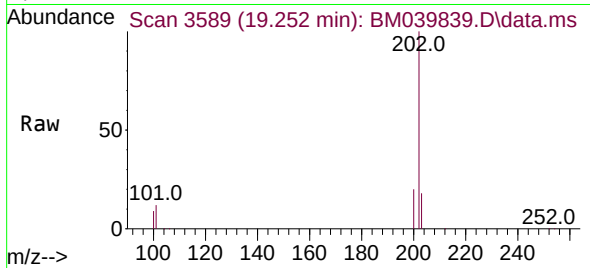
Tgt Ion:178 Resp: 32408
Ion Ratio Lower Upper
178 100
179 17.2 13.8 20.6
176 19.2 15.8 23.8





#19
Fluoranthene
Concen: 9.585 ng/u1
RT: 19.252 min Scan# 3589
Delta R.T. -0.019 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

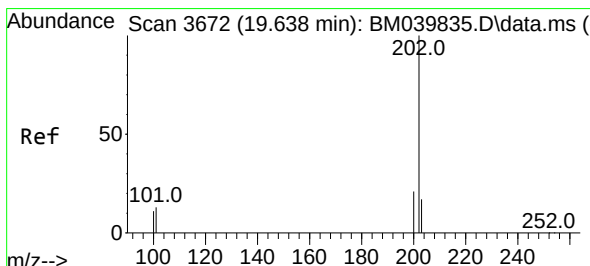
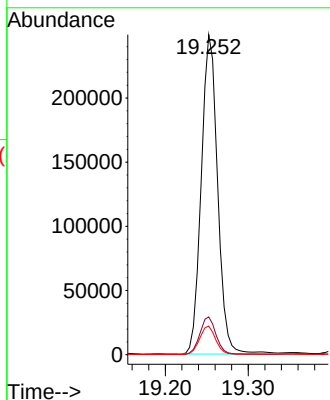
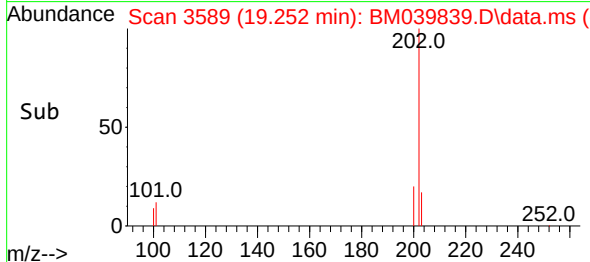
Instrument :
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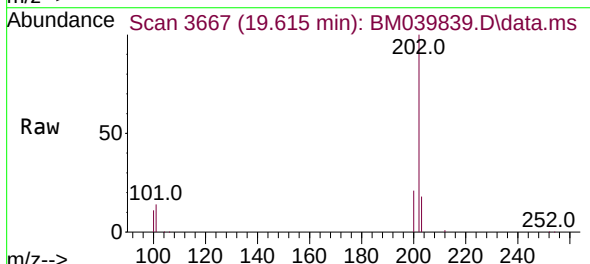
Tgt Ion:202 Resp: 342819
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.0 7.3 10.9

Manual Integrations
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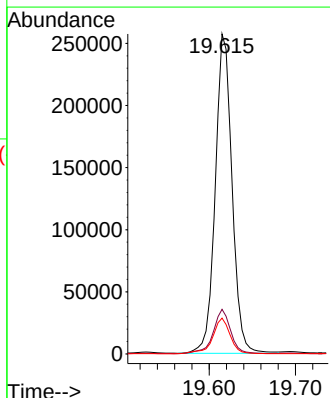
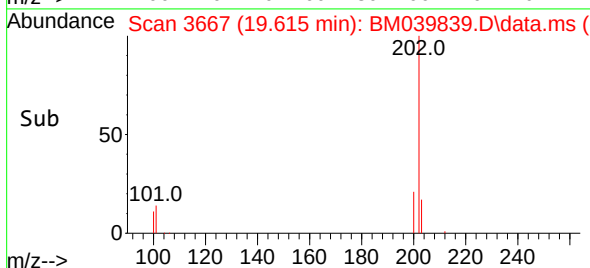
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

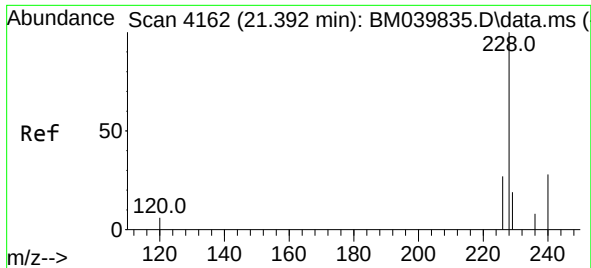


#20
Pyrene
Concen: 9.011 ng/u1
RT: 19.615 min Scan# 3667
Delta R.T. -0.019 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55



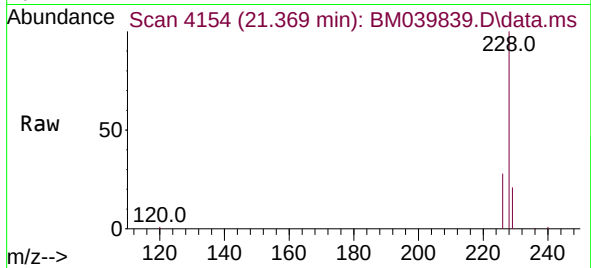
Tgt Ion:202 Resp: 348036
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 6.310 ng/u1
RT: 21.369 min Scan# 411
Delta R.T. -0.022 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

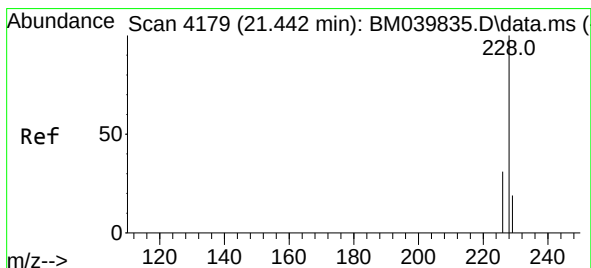
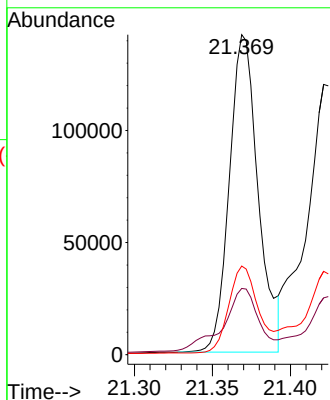
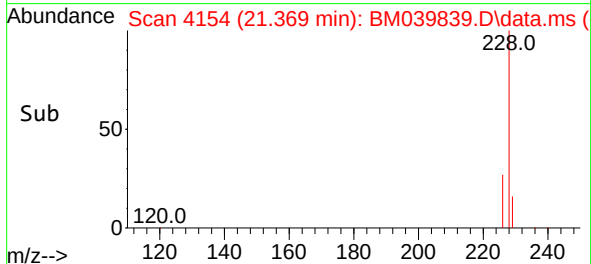
Instrument :
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Tgt Ion:228 Resp: 18188
Ion Ratio Lower Upper
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229 20.7 16.2 24.2
226 27.7 21.6 32.4

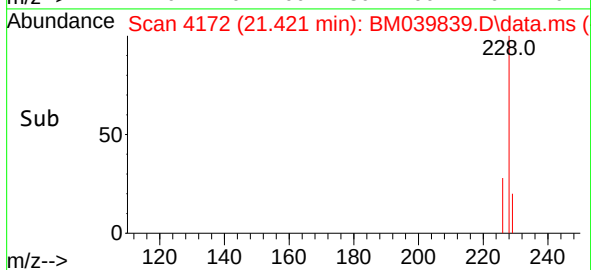
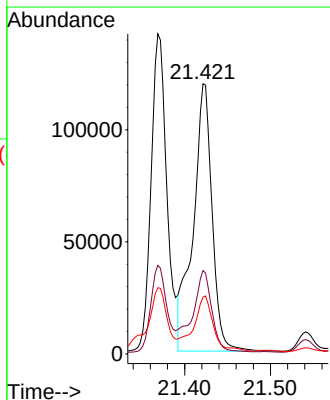
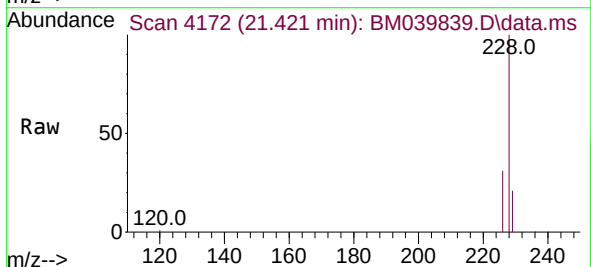
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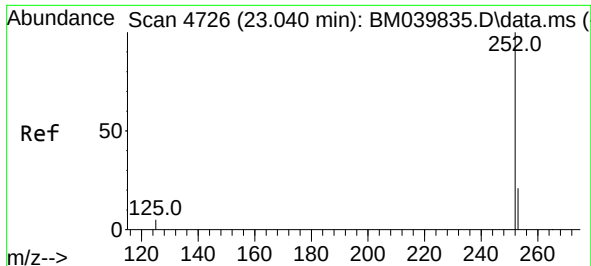
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#22
Chrysene
Concen: 5.632 ng/u1
RT: 21.421 min Scan# 4172
Delta R.T. -0.019 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

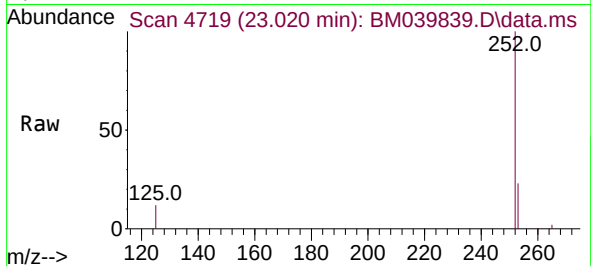
Tgt Ion:228 Resp: 183708
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 6.381 ng/ul
RT: 23.020 min Scan# 4719
Delta R.T. -0.016 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

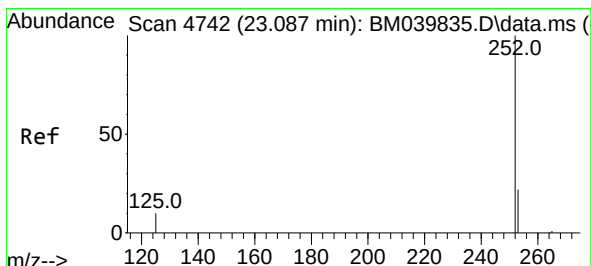
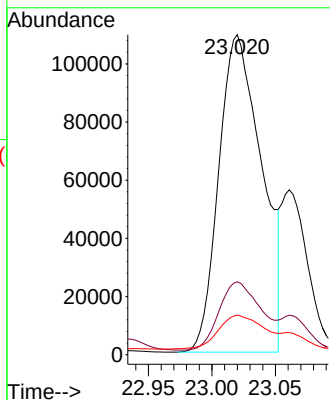
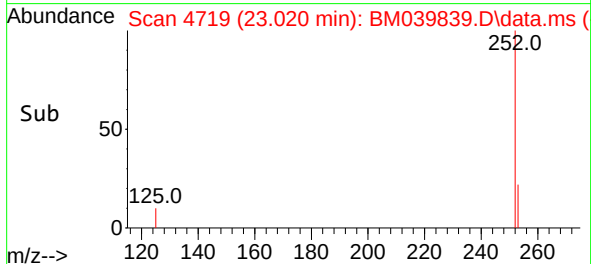
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 256820
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.8
125 12.4 0.0 31.6

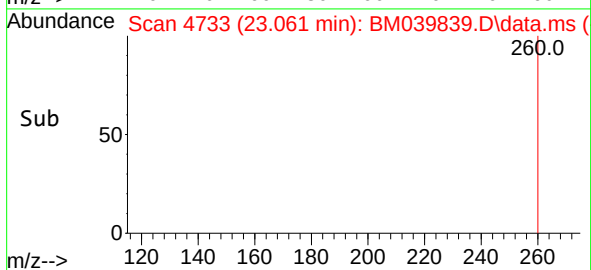
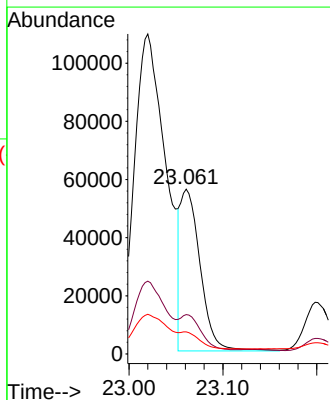
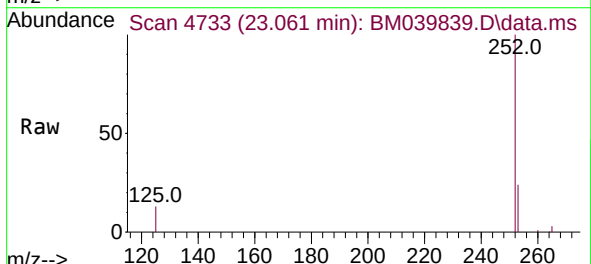
Manual Integrations
APPROVED

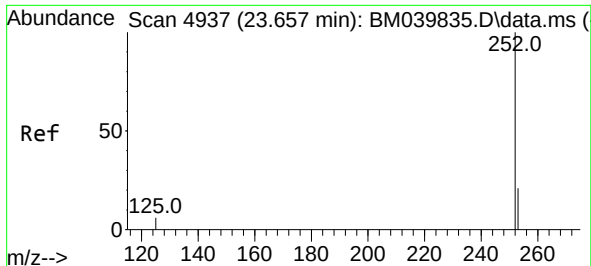
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#25
Benzo(k)fluoranthene
Concen: 1.985 ng/ul m
RT: 23.061 min Scan# 4733
Delta R.T. -0.025 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

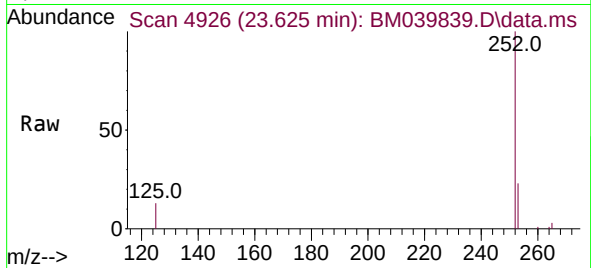
Tgt Ion:252 Resp: 81353
Ion Ratio Lower Upper
252 100
253 23.9 21.3 31.9
125 13.4 13.0 19.6





#26
Benzo(a)pyrene
Concen: 4.563 ng/ul
RT: 23.625 min Scan# 4937
Delta R.T. -0.025 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

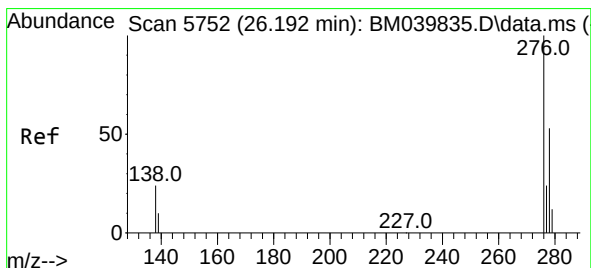
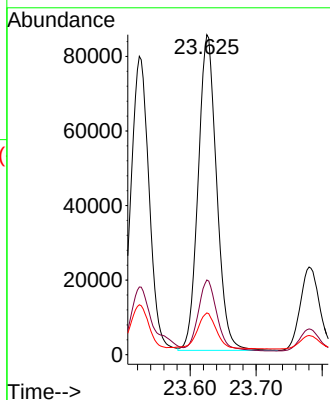
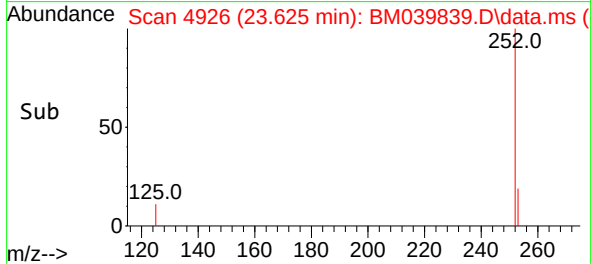
Instrument :
BNA_M
ClientSampleId :
EW933DL



Tgt Ion:252 Resp: 164872
Ion Ratio Lower Upper
252 100
253 23.4 24.7 37.1
125 13.0 16.5 24.7

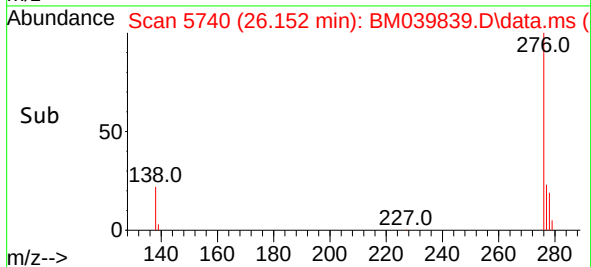
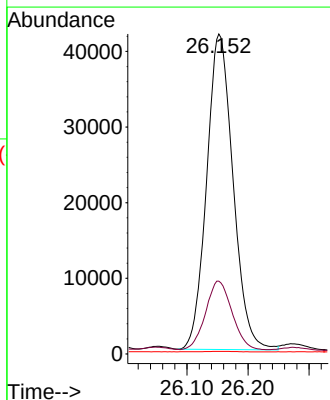
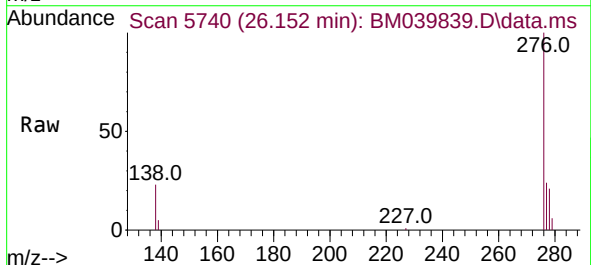
Manual Integrations
APPROVED

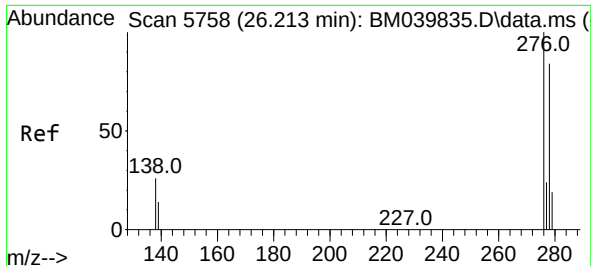
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.749 ng/ul
RT: 26.152 min Scan# 5740
Delta R.T. -0.035 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

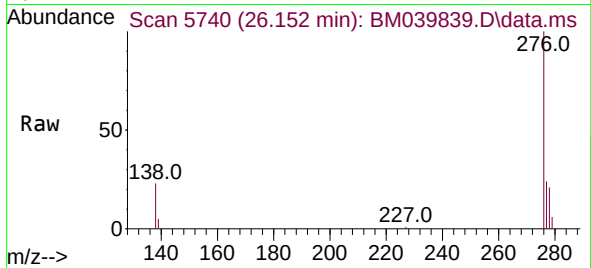
Tgt Ion:276 Resp: 125626
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.921 ng/ul
RT: 26.152 min Scan# 51
Delta R.T. -0.045 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

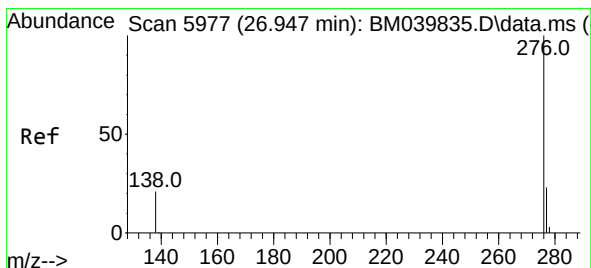
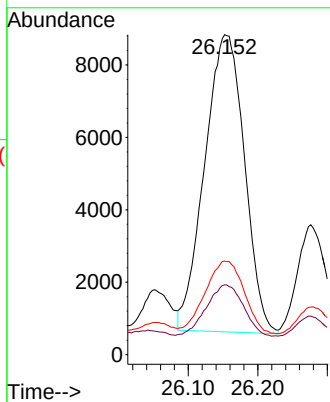
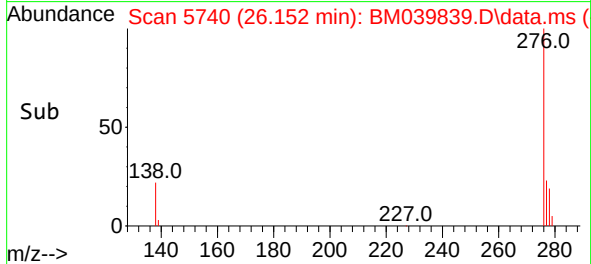
Instrument :
BNA_M
ClientSampleId :
EW933DL



Tgt Ion:278 Resp: 32674
Ion Ratio Lower Upper
278 100
139 21.8 17.0 25.6
279 29.3 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#29
Benzo(g,h,i)perylene
Concen: 3.137 ng/ul
RT: 26.900 min Scan# 5963
Delta R.T. -0.032 min
Lab File: BM039839.D
Acq: 05 May 2023 10:55

Tgt Ion:276 Resp: 124883
Ion Ratio Lower Upper
276 100
138 23.3 20.1 30.1
277 24.0 20.1 30.1

