

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039865.D
 Acq On : 08 May 2023 12:12
 Operator : CG/JU
 Sample : 02479-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW950

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 01:51:07 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 : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3438	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.578	136	12701	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.432	164	7058	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	14240	0.400	ng/ul	0.00
17) Chrysene-d12	21.388	240	7323	0.400	ng/ul	# 0.00
23) Perylene-d12	23.735	264	7079	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	10251	2.023	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2714	0.167	ng/ul	-0.01
18) Fluoranthene-d10	19.225	212	4900	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	5873	0.184	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	3380	0.184	ng/ul	96
8) 1-Methylnaphthalene	12.476	142	2964	0.150	ng/ul	99
10) Acenaphthylene	14.155	152	4059	0.149	ng/ul#	91
11) Acenaphthene	14.497	153	7713	0.359	ng/ul	99
12) Fluorene	15.487	166	9327	0.392	ng/ul	99
15) Phenanthrene	17.229	178	142393	3.796	ng/ul	99
16) Anthracene	17.322	178	25835	0.802	ng/ul	98
19) Fluoranthene	19.252	202	191381	7.325	ng/ul	100
20) Pyrene	19.620	202	146124	5.179	ng/ul	98
21) Benzo(a)anthracene	21.373	228	62426	2.965	ng/ul	97
22) Chrysene	21.426	228	59557	2.500	ng/ul	96
24) Benzo(b)fluoranthene	23.021	252	71803	2.888	ng/ul	96
25) Benzo(k)fluoranthene	23.065	252	25611m	1.012	ng/ul	
26) Benzo(a)pyrene	23.629	252	48760	2.184	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.161	276	38259	1.356	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.164	278	9205	0.420	ng/ul#	62
29) Benzo(g,h,i)perylene	26.912	276	39317	1.599	ng/ul	97

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

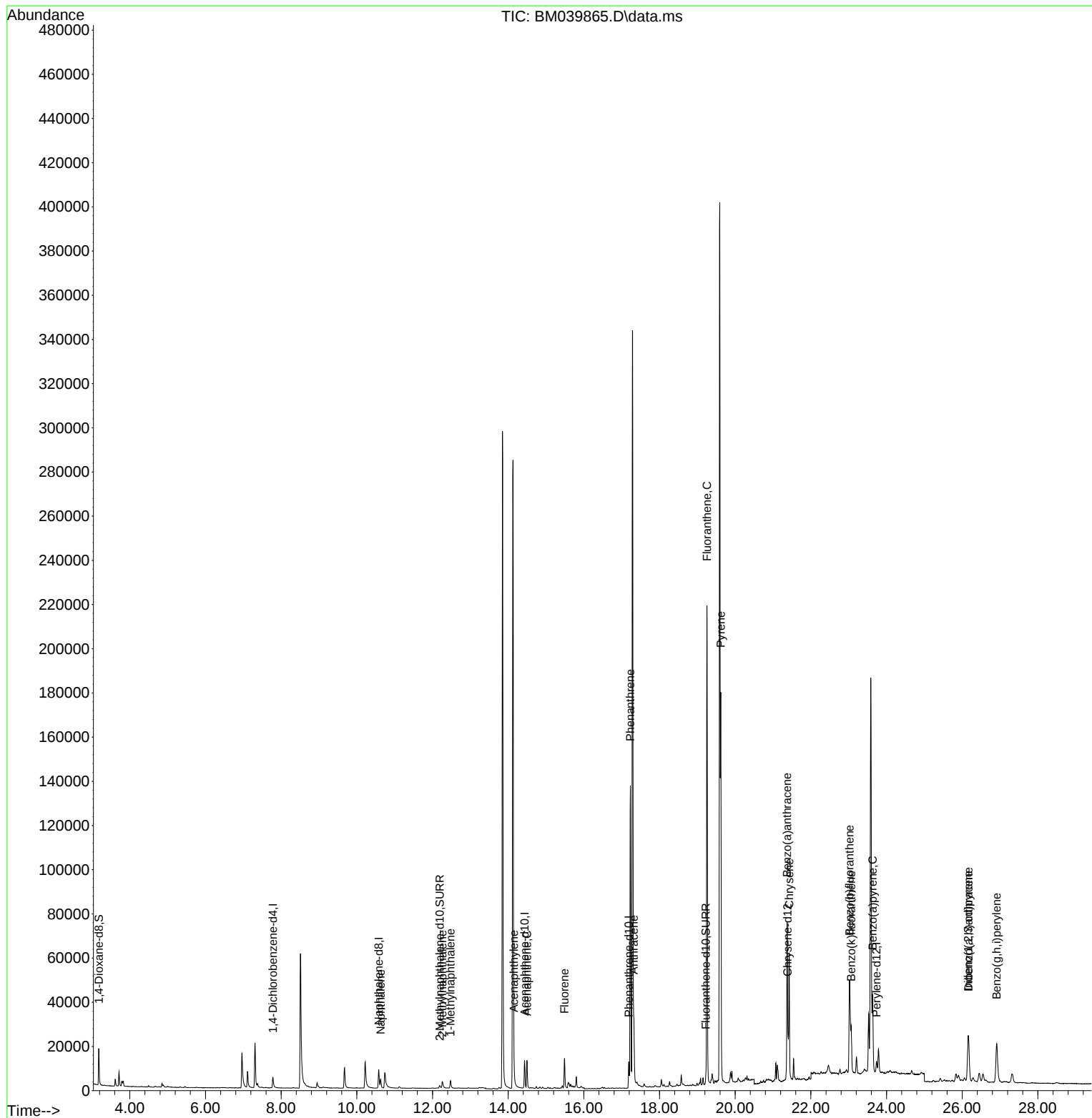
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039865.D
Acq On : 08 May 2023 12:12
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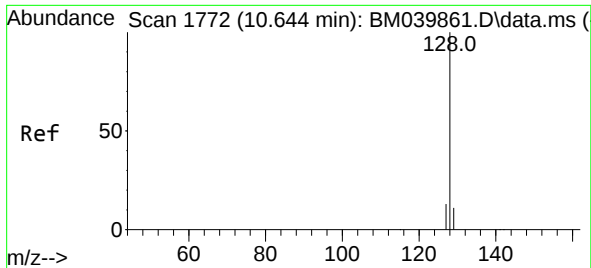
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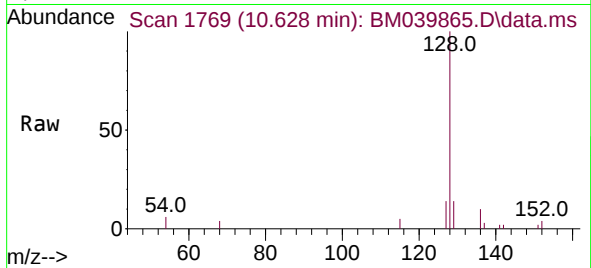
Quant Time: May 09 01:51:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
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#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.016 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

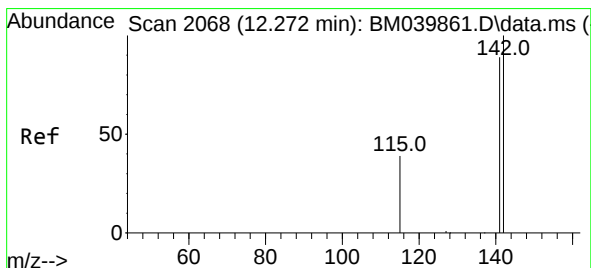
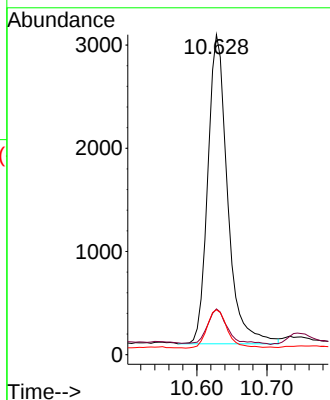
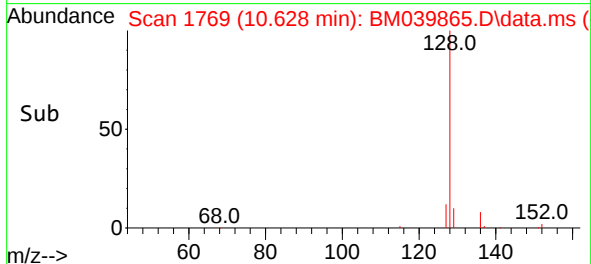
Instrument :
BNA_M
ClientSampleId :
EW950



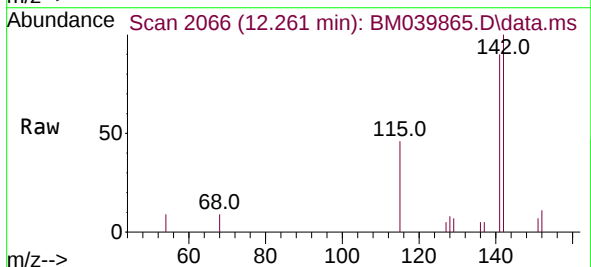
Tgt Ion:128 Resp: 587
Ion Ratio Lower Upper
128 100
129 14.3 9.8 14.6
127 14.1 11.1 16.7

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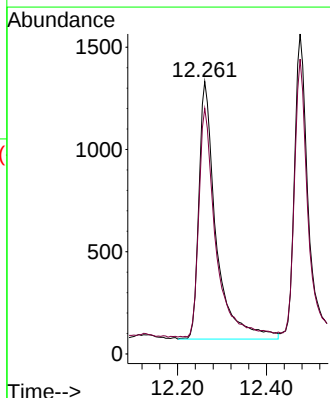
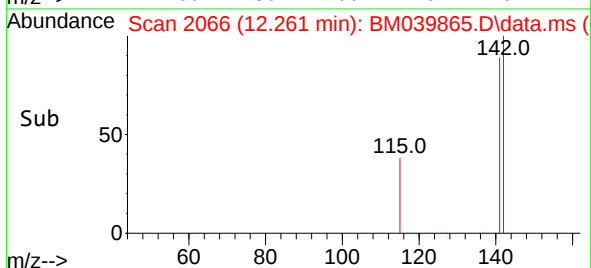
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

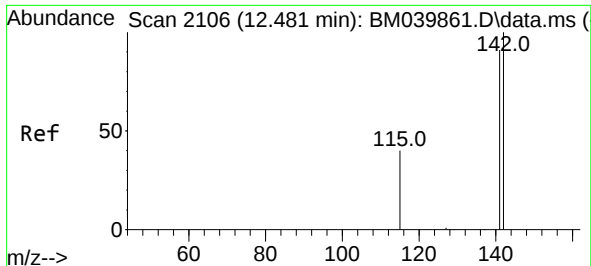


#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12



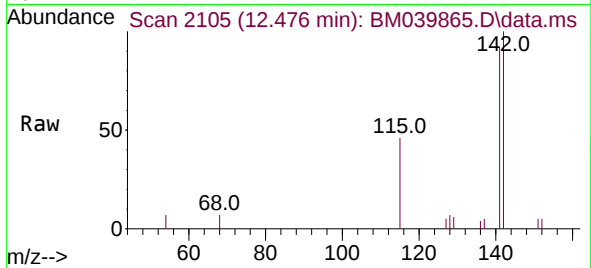
Tgt Ion:142 Resp: 3380
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.476 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

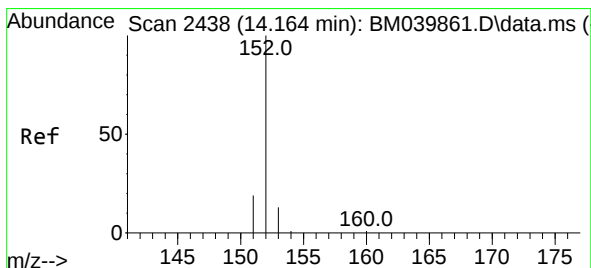
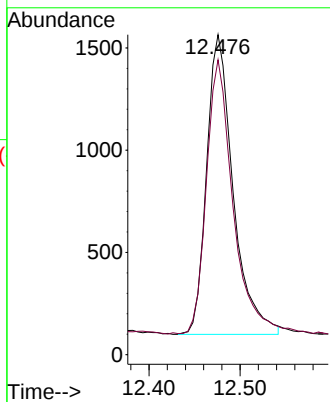
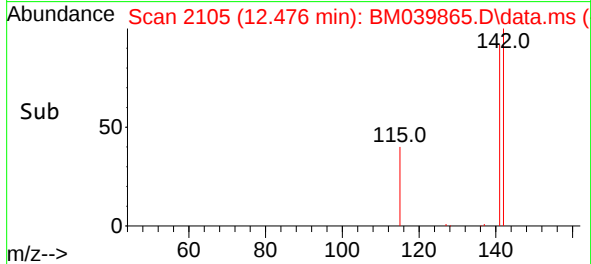
Instrument :
BNA_M
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Tgt Ion:142 Resp: 2964
Ion Ratio Lower Upper
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141 91.3 73.4 110.2

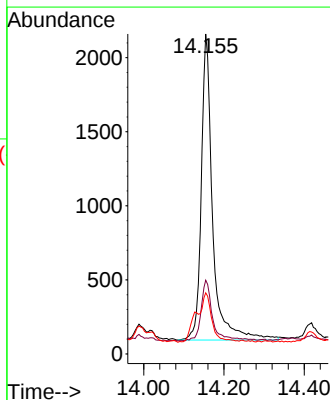
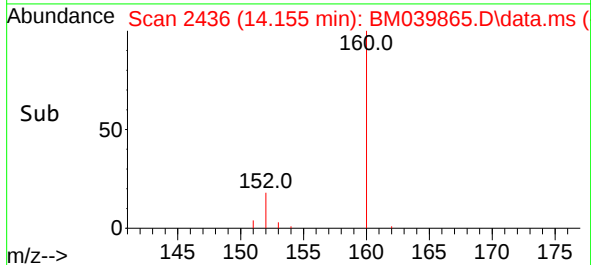
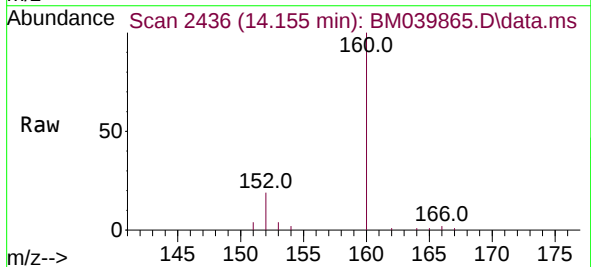
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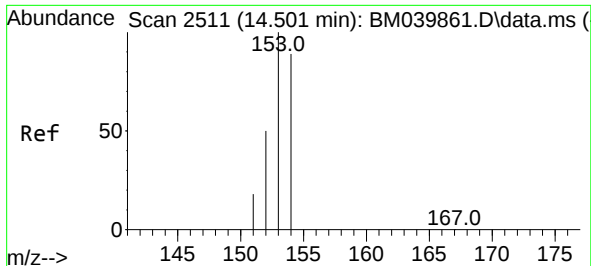
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

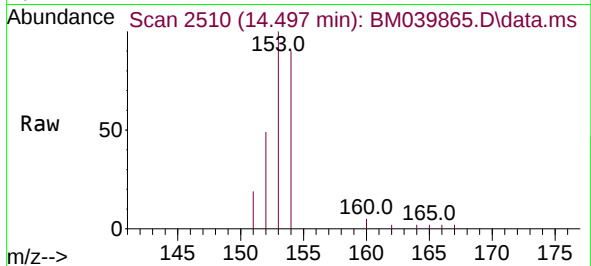
Tgt Ion:152 Resp: 4059
Ion Ratio Lower Upper
152 100
151 23.1 16.0 24.0
153 19.1 11.2 16.8#





#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.497 min Scan# 211
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

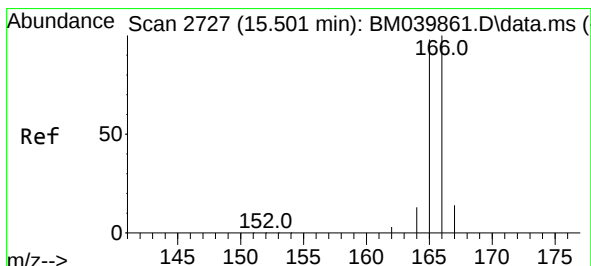
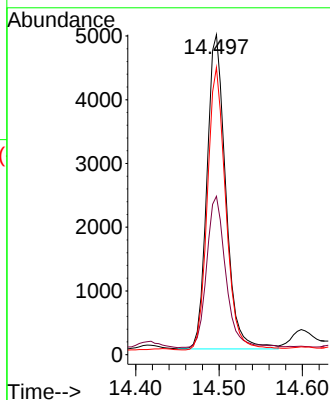
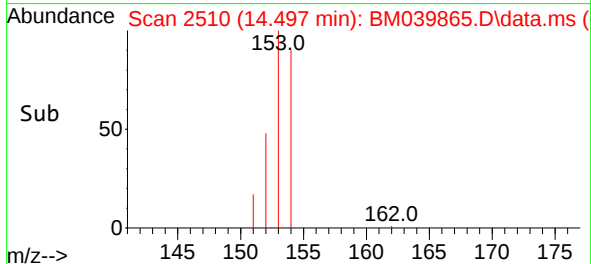
Instrument :
BNA_M
ClientSampleId :
EW950



Tgt Ion:153 Resp: 771
Ion Ratio Lower Upper
153 100
152 49.5 40.6 61.0
154 89.8 71.9 107.9

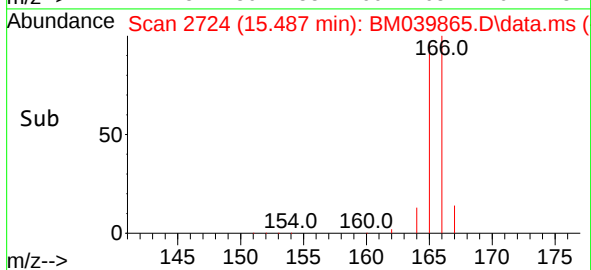
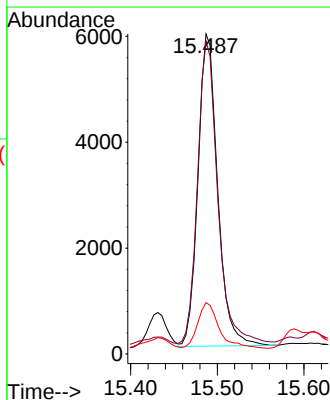
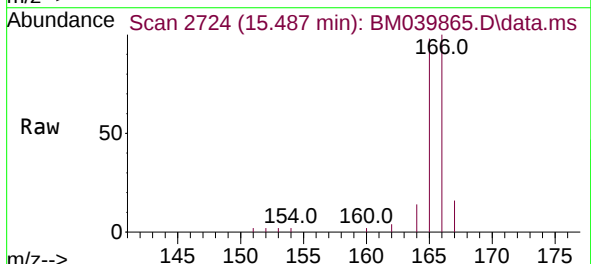
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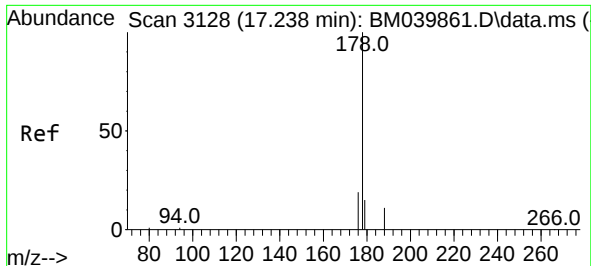
Reviewed By :Christian Giraldo 05/09/2023
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#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

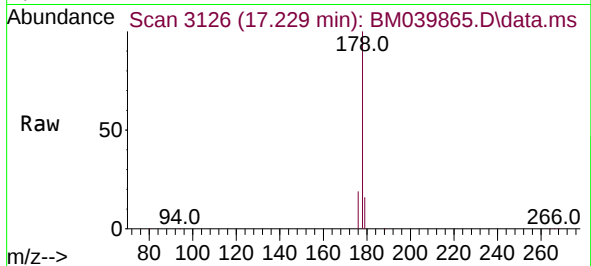
Tgt Ion:166 Resp: 9327
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 16.0 11.8 17.6





#15
Phenanthrene
Concen: 3.796 ng/ul
RT: 17.229 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

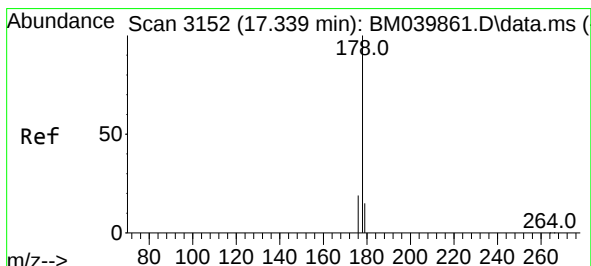
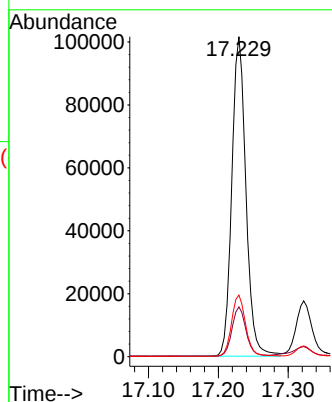
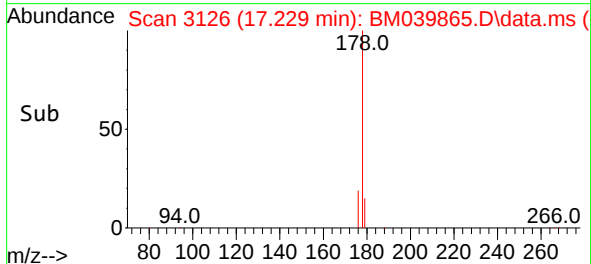
Instrument :
BNA_M
ClientSampleId :
EW950



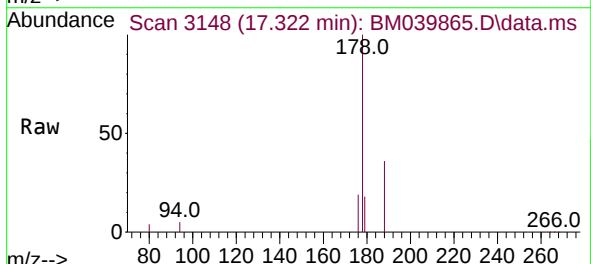
Tgt Ion:178 Resp: 14239
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.3 15.8 23.8

Manual Integrations
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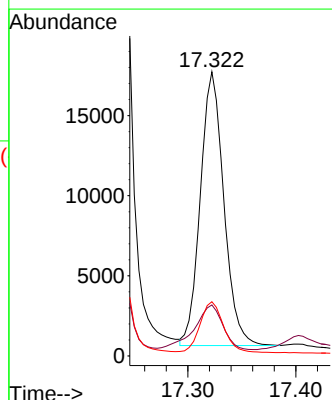
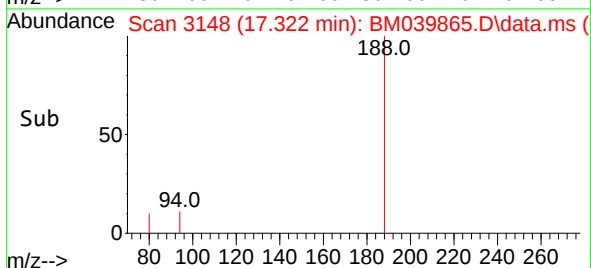
Reviewed By :Christian Giraldo 05/09/2023
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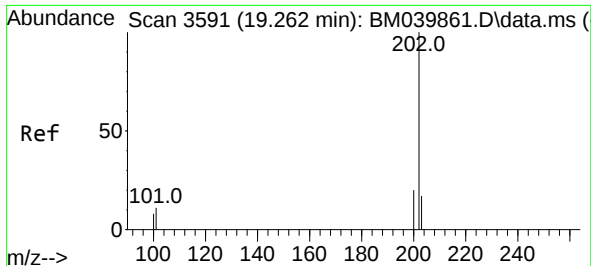


#16
Anthracene
Concen: 0.802 ng/ul
RT: 17.322 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12



Tgt Ion:178 Resp: 25835
Ion Ratio Lower Upper
178 100
179 18.0 13.8 20.6
176 19.1 15.8 23.8





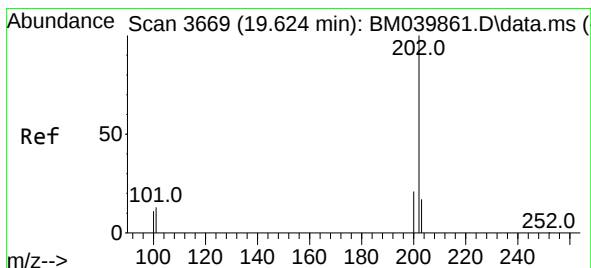
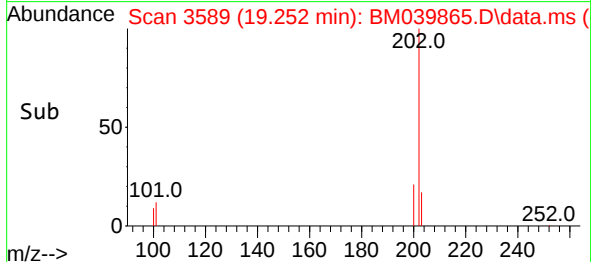
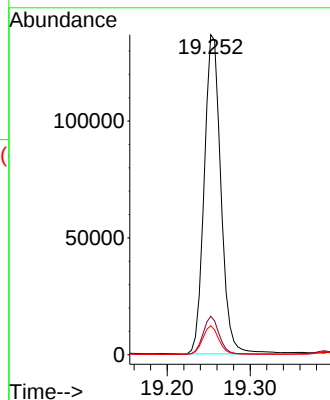
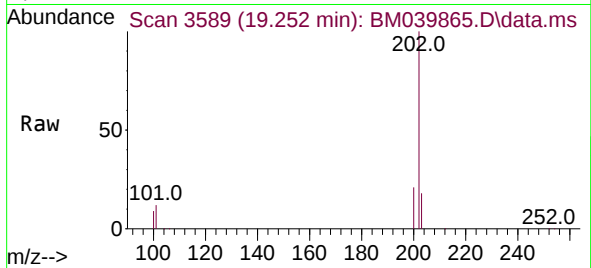
#19
Fluoranthene
Concen: 7.325 ng/u1
RT: 19.252 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

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ClientSampleId :
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Tgt Ion:202 Resp: 19138
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.1 7.3 10.9

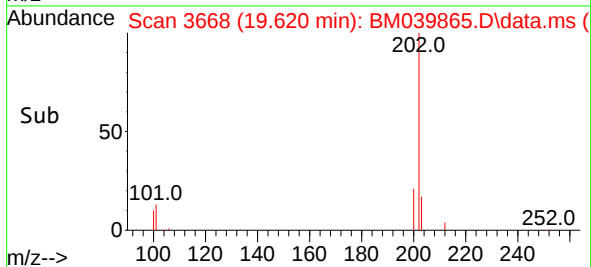
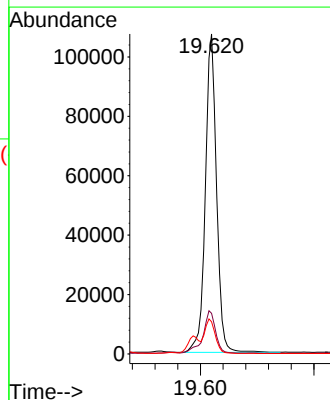
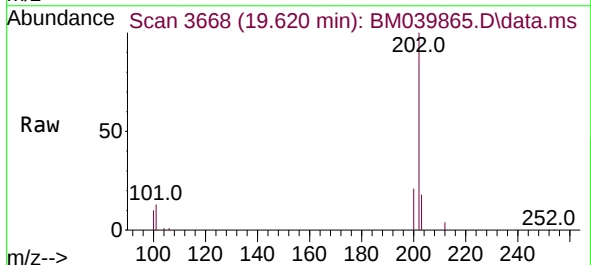
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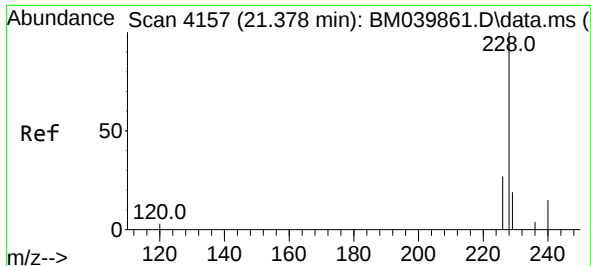
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#20
Pyrene
Concen: 5.179 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

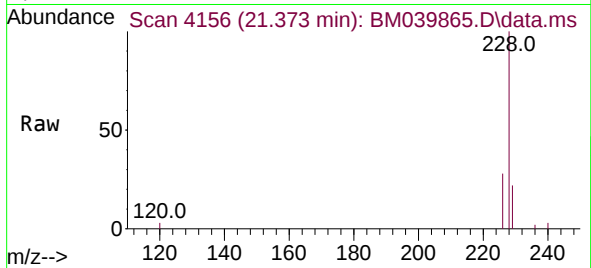
Tgt Ion:202 Resp: 146124
Ion Ratio Lower Upper
202 100
101 12.7 10.9 16.3
100 10.0 8.9 13.3





#21
Benzo(a)anthracene
Concen: 2.965 ng/u1
RT: 21.373 min Scan# 4157
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

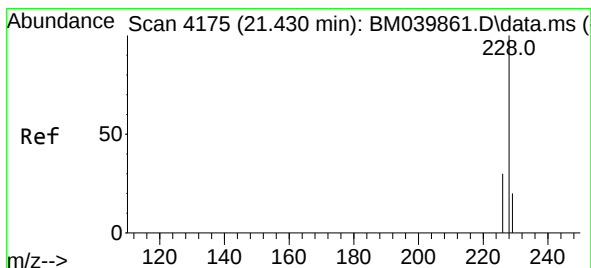
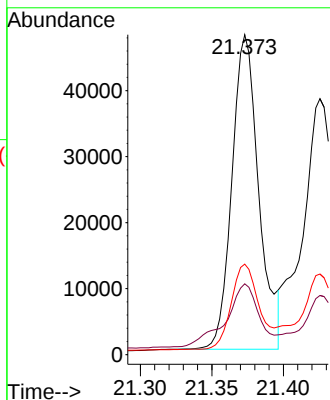
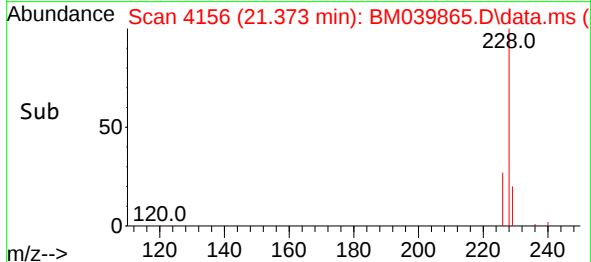
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Tgt Ion:228 Resp: 62420
Ion Ratio Lower Upper
228 100
229 22.1 16.2 24.2
226 28.3 21.6 32.4

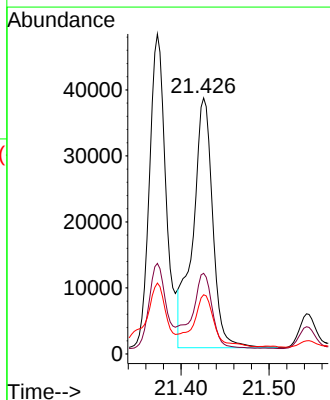
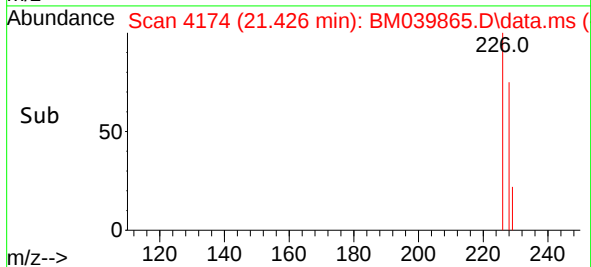
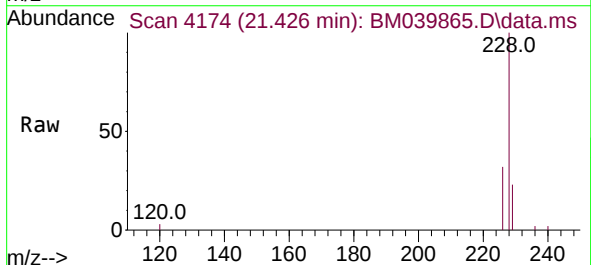
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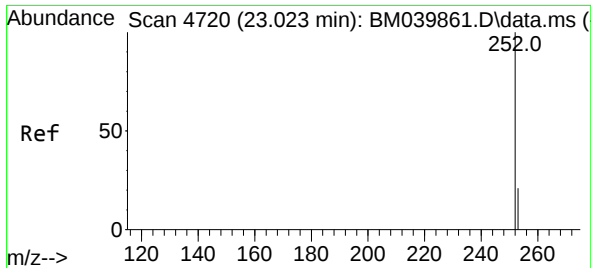
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Chrysene
Concen: 2.500 ng/u1
RT: 21.426 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

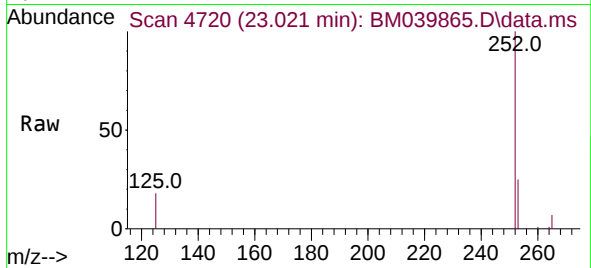
Tgt Ion:228 Resp: 59557
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.888 ng/ul
RT: 23.021 min Scan# 4720
Delta R.T. -0.002 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

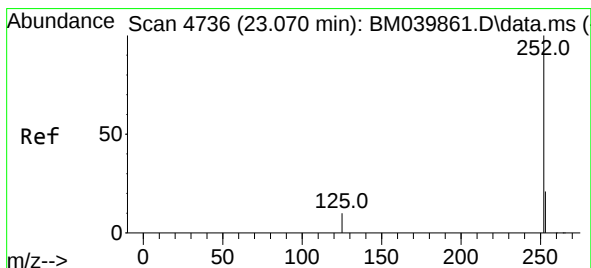
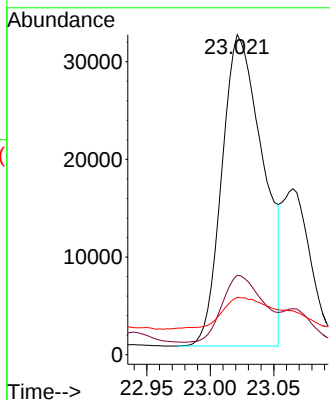
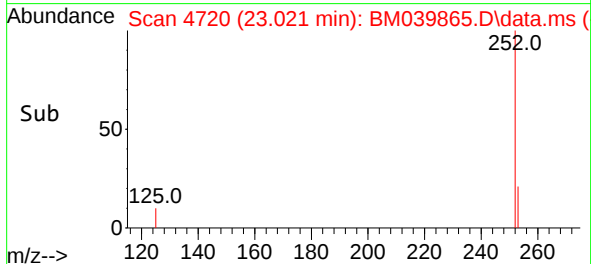
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 7180
Ion Ratio Lower Upper
252 100
253 24.8 0.0 52.8
125 17.9 0.0 31.6

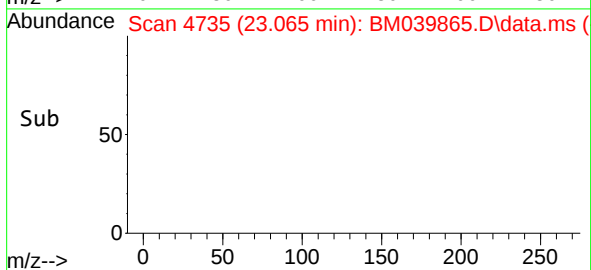
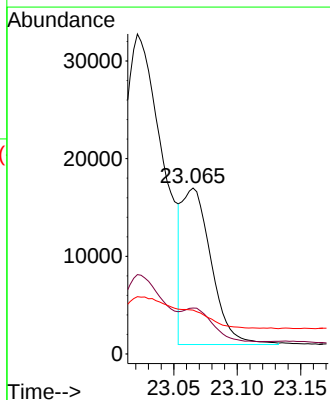
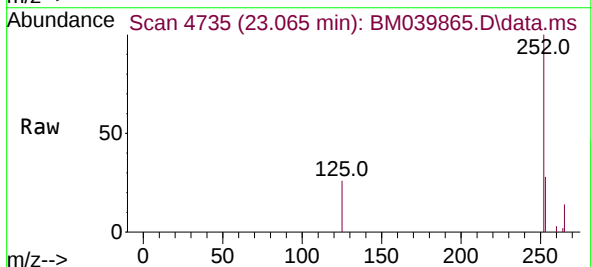
Manual Integrations
APPROVED

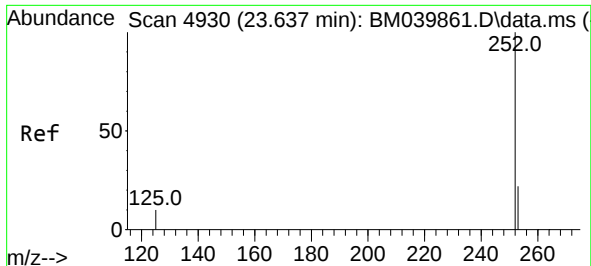
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#25
Benzo(k)fluoranthene
Concen: 1.012 ng/ul m
RT: 23.065 min Scan# 4735
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

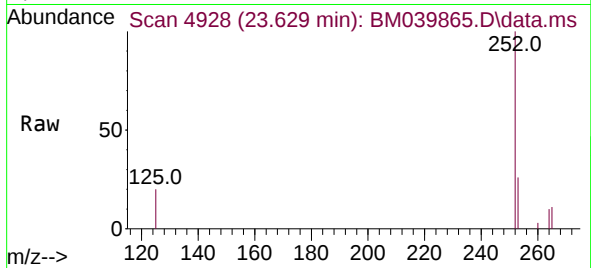
Tgt Ion:252 Resp: 25611
Ion Ratio Lower Upper
252 100
253 27.7 21.3 31.9
125 26.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 2.184 ng/ul
RT: 23.629 min Scan# 4930
Delta R.T. -0.008 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

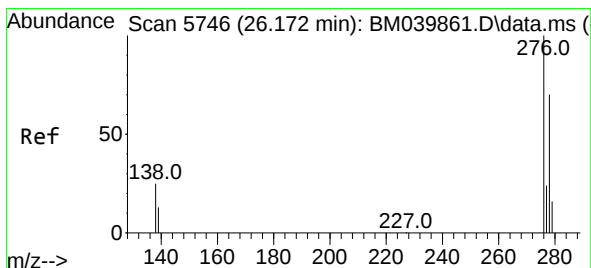
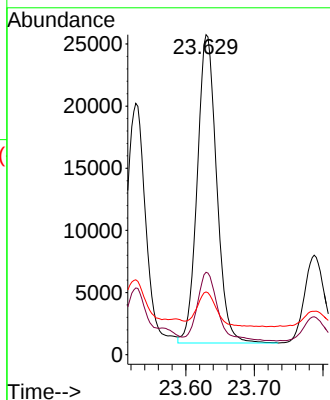
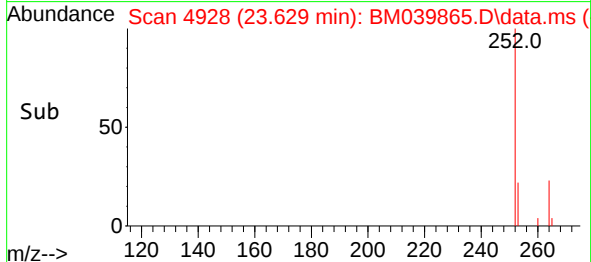
Instrument :
BNA_M
ClientSampleId :
EW950



Tgt Ion:252 Resp: 48760
Ion Ratio Lower Upper
252 100
253 25.7 24.7 37.1
125 19.6 16.5 24.7

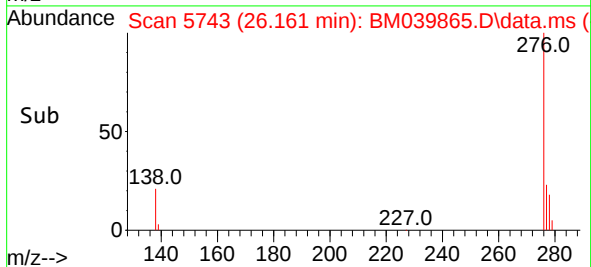
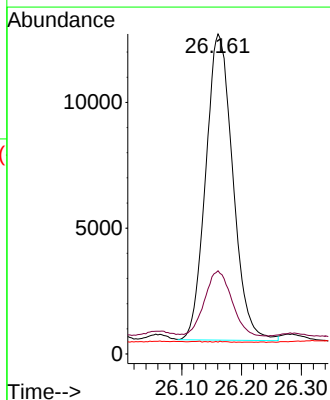
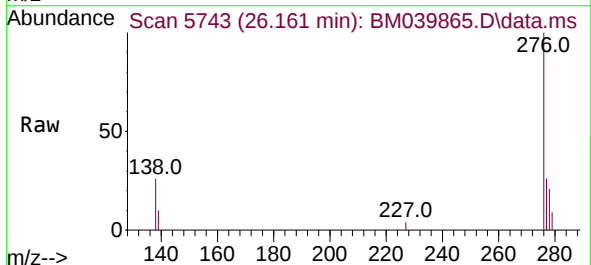
Manual Integrations
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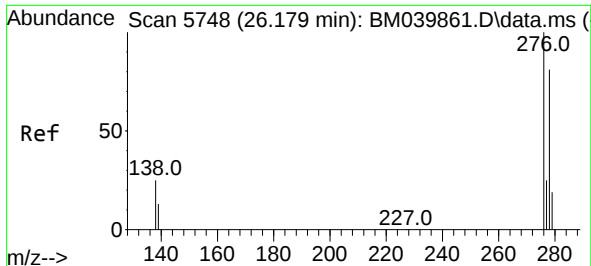
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.356 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.012 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

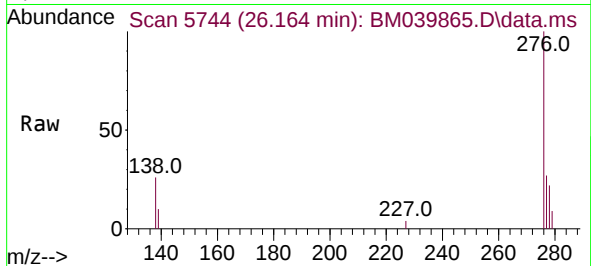
Tgt Ion:276 Resp: 38259
Ion Ratio Lower Upper
276 100
138 21.4 21.1 31.7
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

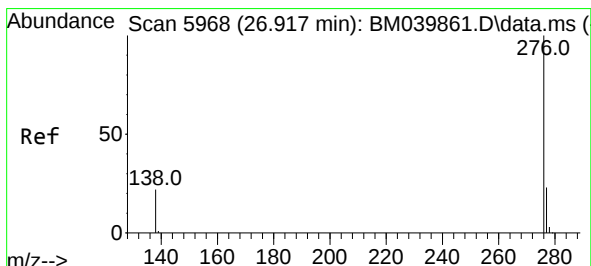
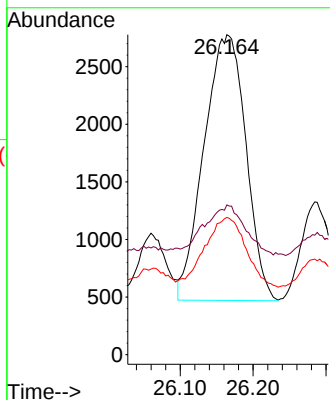
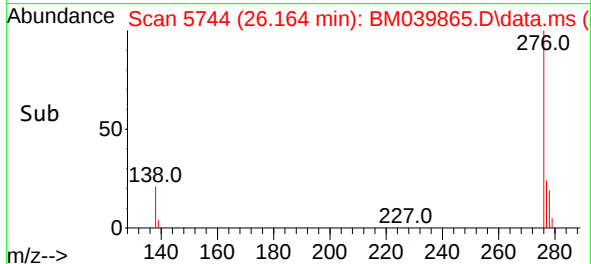
Instrument :
BNA_M
ClientSampleId :
EW950



Tgt Ion:278 Resp: 920
Ion Ratio Lower Upper
278 100
139 46.8 17.0 25.6
279 42.9 23.4 35.2

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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#29
Benzo(g,h,i)perylene
Concen: 1.599 ng/ul
RT: 26.912 min Scan# 5967
Delta R.T. -0.005 min
Lab File: BM039865.D
Acq: 08 May 2023 12:12

Tgt Ion:276 Resp: 39317
Ion Ratio Lower Upper
276 100
138 27.0 20.1 30.1
277 26.6 20.1 30.1

