

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039867.D
 Acq On : 08 May 2023 13:25
 Operator : CG/JU
 Sample : 02479-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW945

Manual Integrations
 APPROVED

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

Quant Time: May 09 01:51:28 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	2900	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.579	136	9879	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.432	164	5971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	10220	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.391	240	6236	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	9111	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	9478	2.218	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	2507	0.198	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	4571	0.272	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.628	128	42137	1.699	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	49817	3.479	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	25351	1.651	ng/ul	100
10) Acenaphthylene	14.155	152	13337	0.577	ng/ul#	79
11) Acenaphthene	14.497	153	12114	0.667	ng/ul	98
12) Fluorene	15.487	166	15814	0.785	ng/ul#	95
15) Phenanthrene	17.229	178	364016	13.520	ng/ul	99
16) Anthracene	17.322	178	74473	3.221	ng/ul	98
19) Fluoranthene	19.253	202	618564	27.804	ng/ul	99
20) Pyrene	19.620	202	618803	25.756	ng/ul	99
21) Benzo(a)anthracene	21.373	228	357165	19.921	ng/ul	97
22) Chrysene	21.426	228	386348	19.041	ng/ul	97
24) Benzo(b)fluoranthene	23.024	252	400296	12.510	ng/ul	93
25) Benzo(k)fluoranthene	23.068	252	122628m	3.764	ng/ul	
26) Benzo(a)pyrene	23.635	252	380722	13.253	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.171	276	216938	5.972	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.171	278	99292	3.522	ng/ul#	87
29) Benzo(g,h,i)perylene	26.922	276	313629	9.908	ng/ul	99

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

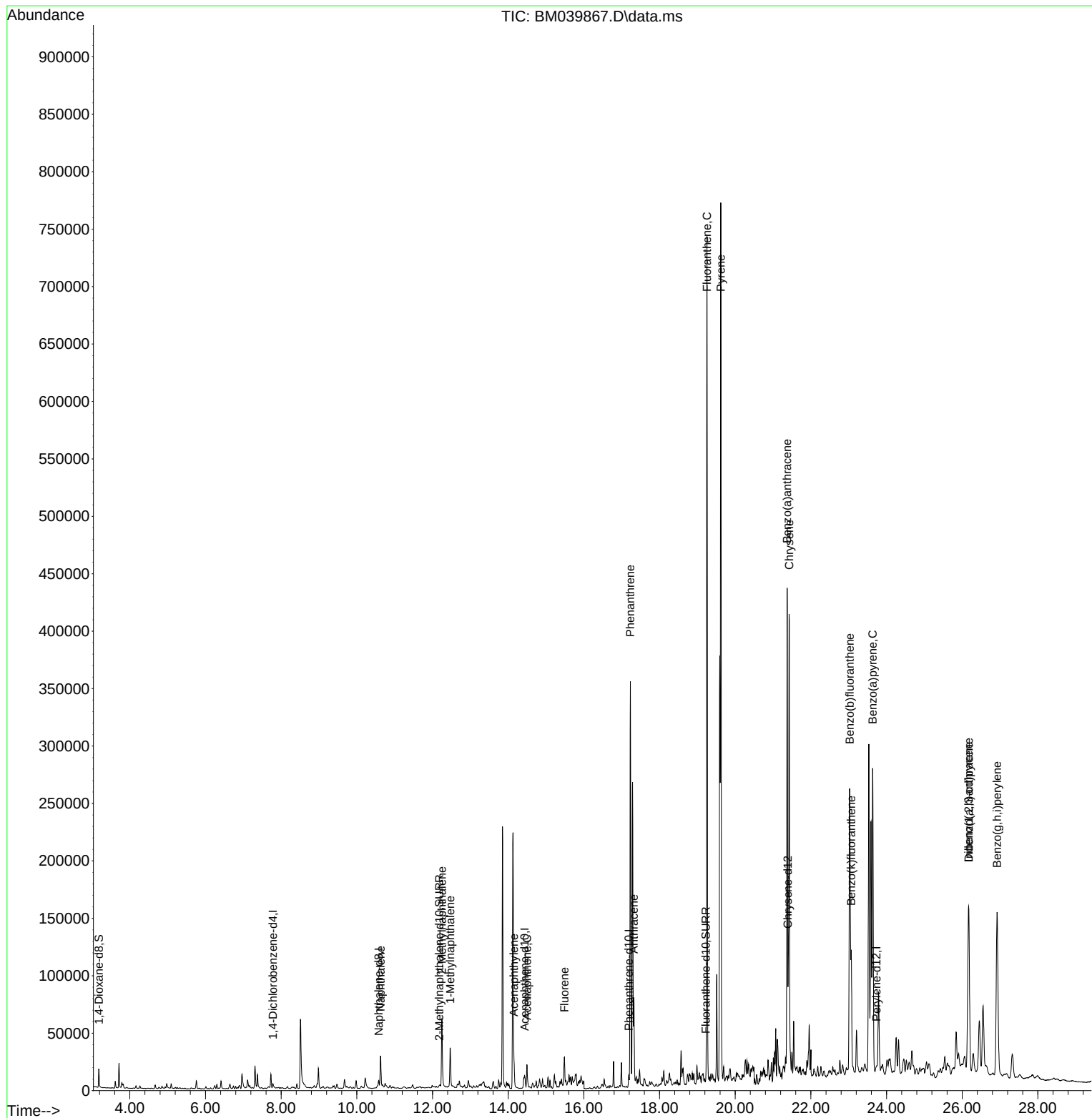
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039867.D
Acq On : 08 May 2023 13:25
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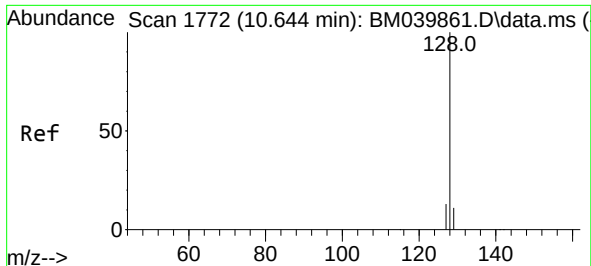
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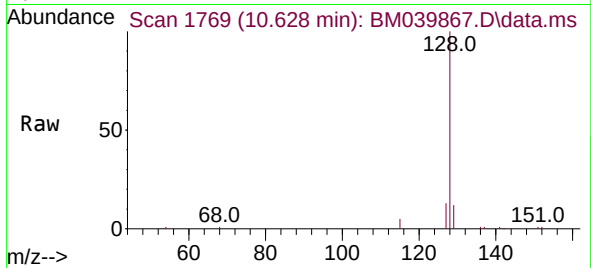
Quant Time: May 09 01:51:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.699 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.016 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

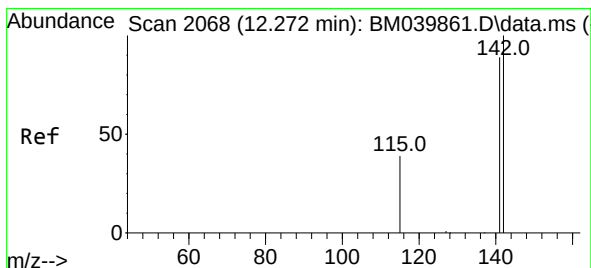
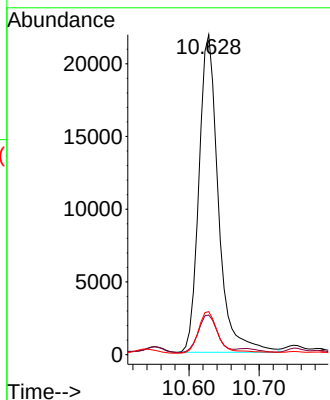
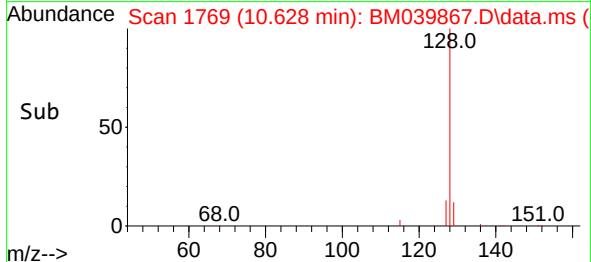
Instrument :
BNA_M
ClientSampleId :
EW945



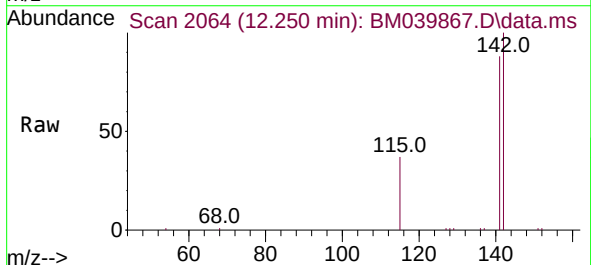
Tgt Ion:128 Resp: 42137
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 13.4 11.1 16.7

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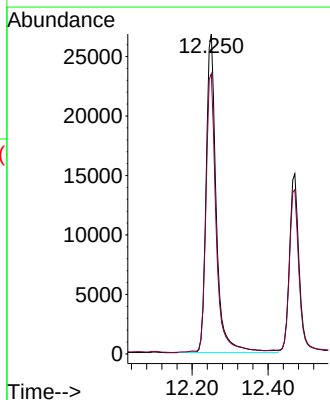
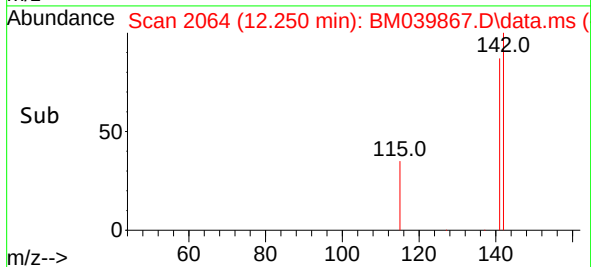
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

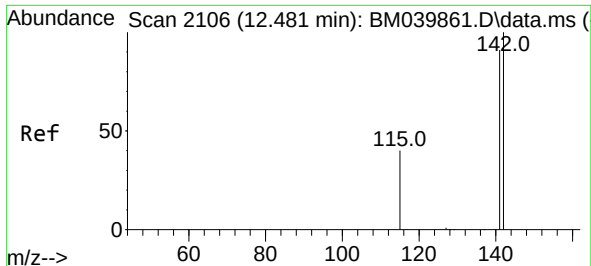


#7
2-Methylnaphthalene
Concen: 3.479 ng/ul
RT: 12.250 min Scan# 2064
Delta R.T. -0.022 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25



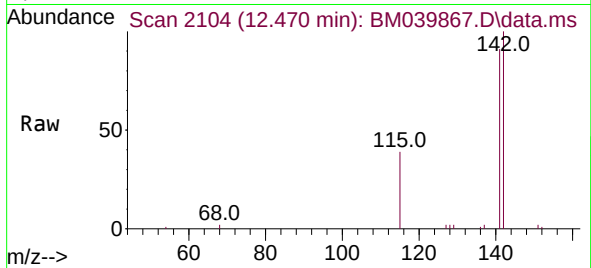
Tgt Ion:142 Resp: 49817
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.651 ng/ul
RT: 12.470 min Scan# 2104
Delta R.T. -0.011 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

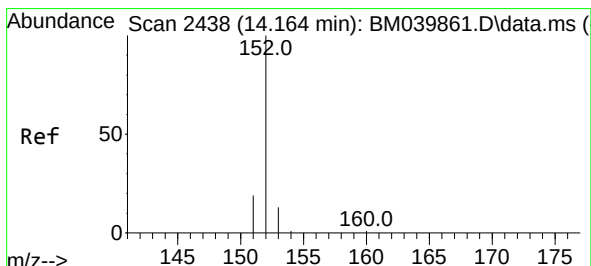
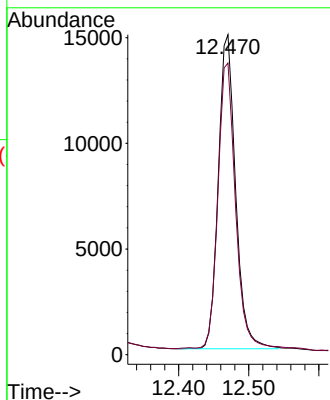
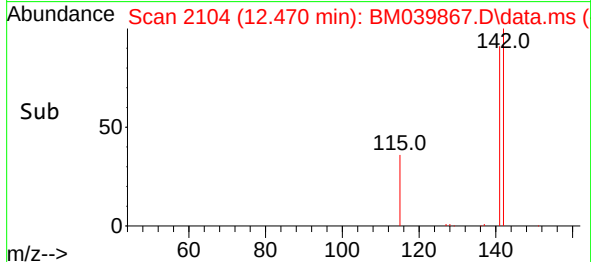
Instrument :
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Tgt Ion:142 Resp: 2535
Ion Ratio Lower Upper
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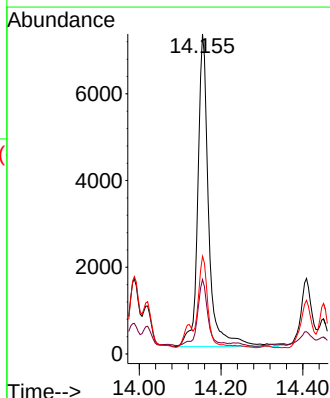
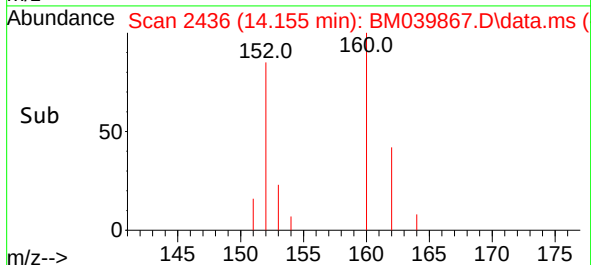
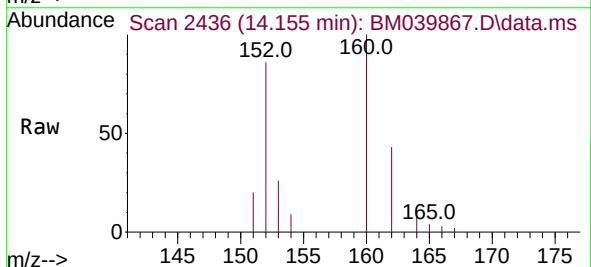
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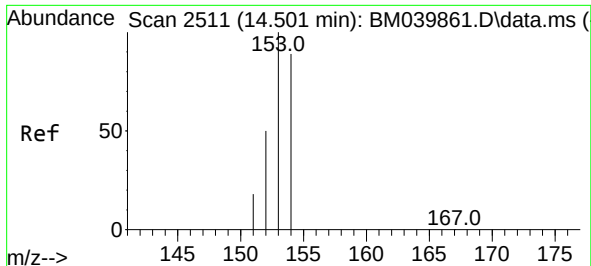
Reviewed By :Christian Giraldo 05/09/2023
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#10
Acenaphthylene
Concen: 0.577 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

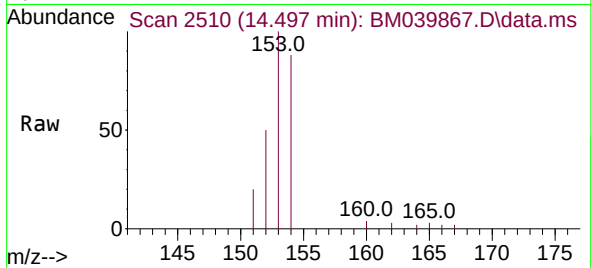
Tgt Ion:152 Resp: 13337
Ion Ratio Lower Upper
152 100
151 23.2 16.0 24.0
153 30.6 11.2 16.8#





#11
Acenaphthene
Concen: 0.667 ng/ul
RT: 14.497 min Scan# 2114
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

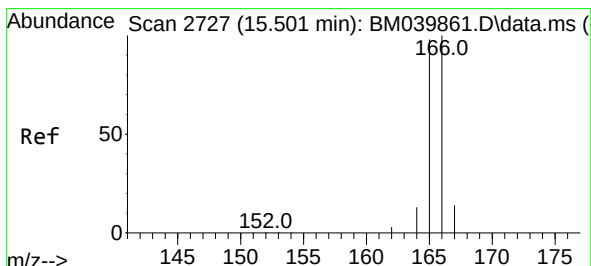
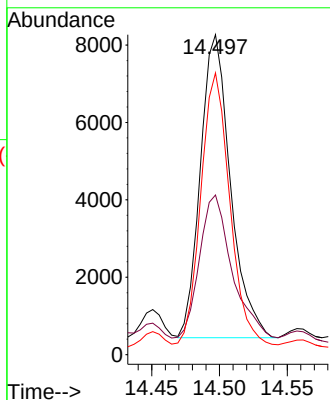
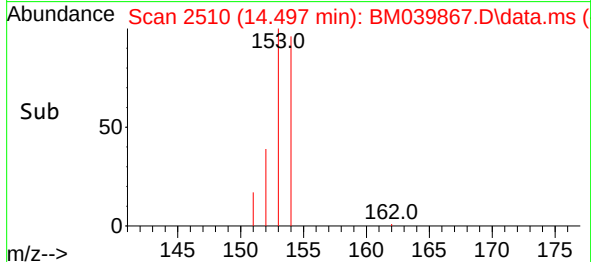
Instrument :
BNA_M
ClientSampleId :
EW945



Tgt Ion:153 Resp: 12114
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 88.1 71.9 107.9

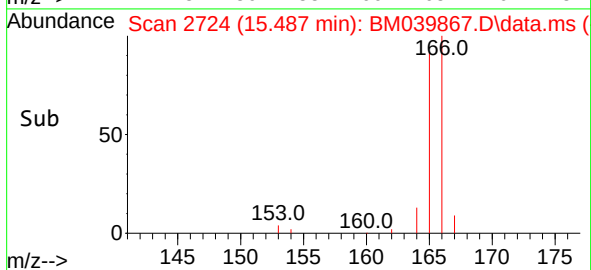
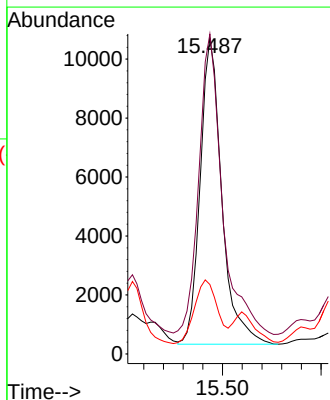
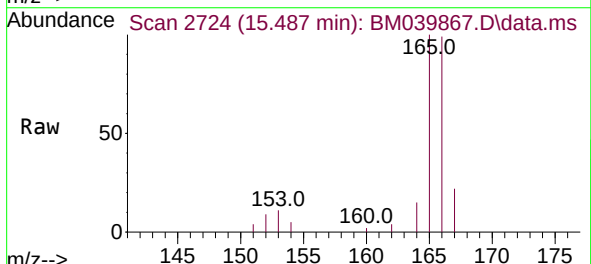
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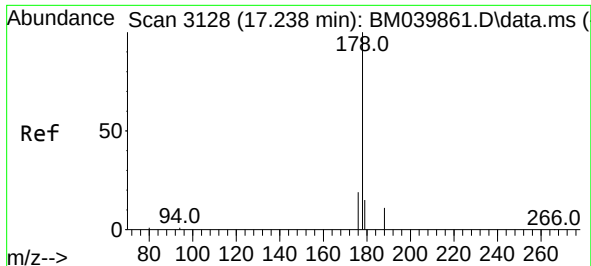
Reviewed By :Christian Giraldo 05/09/2023
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#12
Fluorene
Concen: 0.785 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:166 Resp: 15814
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.6
167 22.0 11.8 17.6#





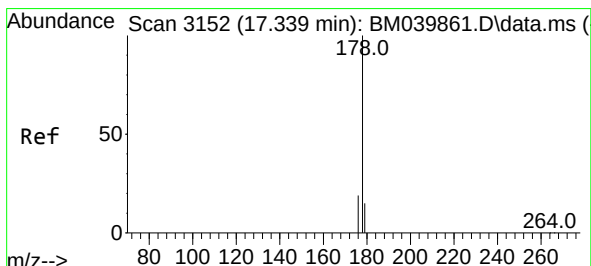
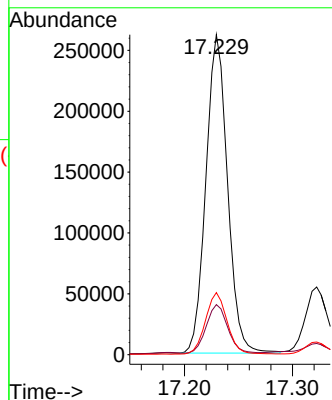
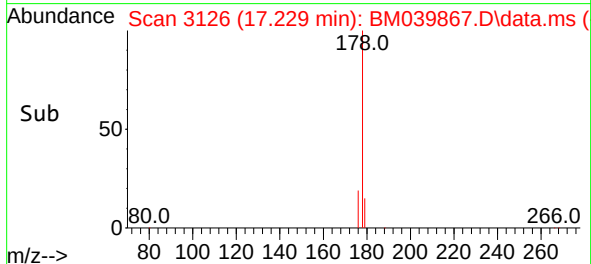
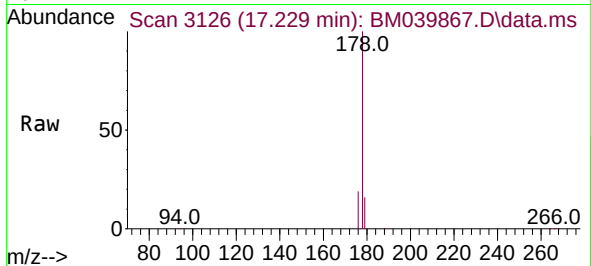
#15
Phenanthrene
Concen: 13.520 ng/ul
RT: 17.229 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Instrument :
BNA_M
ClientSampleId :
EW945

Tgt Ion:178 Resp: 364010
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.4 15.8 23.8

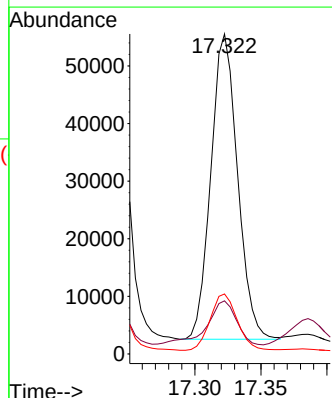
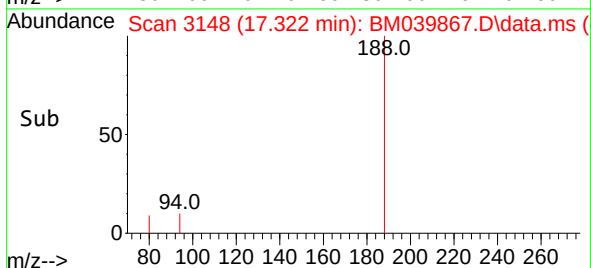
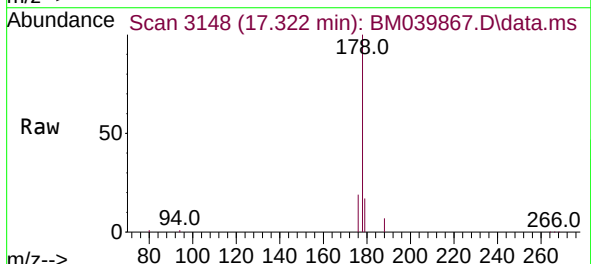
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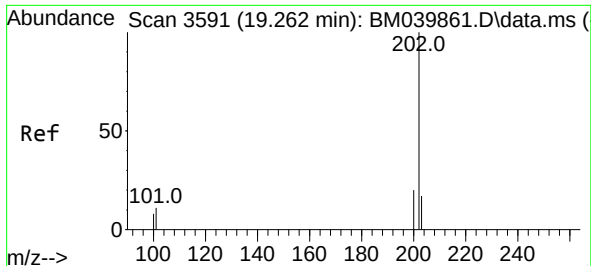
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#16
Anthracene
Concen: 3.221 ng/ul
RT: 17.322 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Tgt Ion:178 Resp: 74473
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.6
176 18.8 15.8 23.8





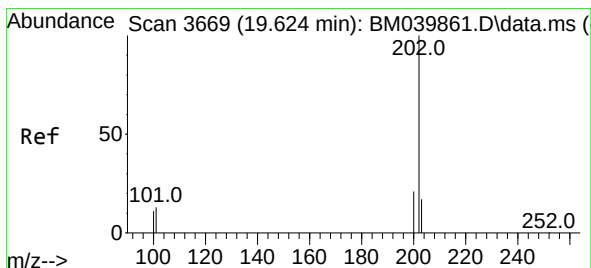
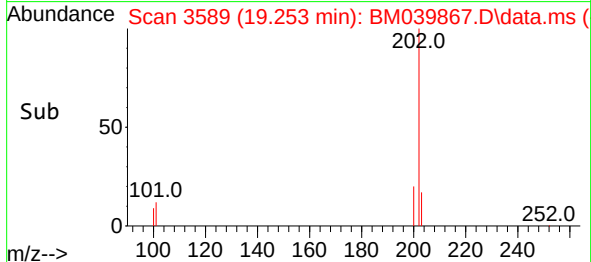
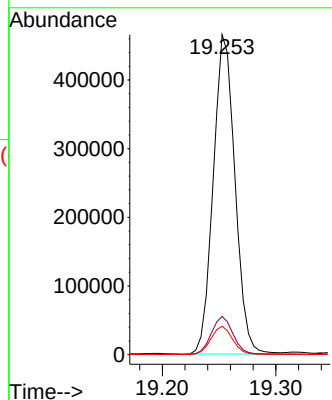
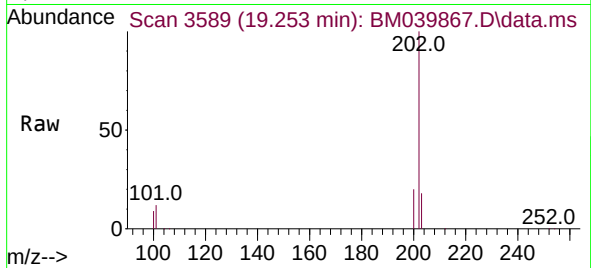
#19
Fluoranthene
Concen: 27.804 ng/u1
RT: 19.253 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

Instrument :
BNA_M
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EW945

Tgt Ion:202 Resp: 618564
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.3 10.9

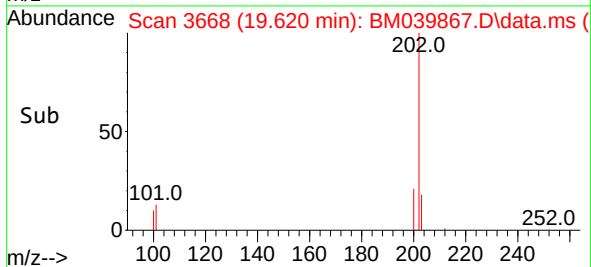
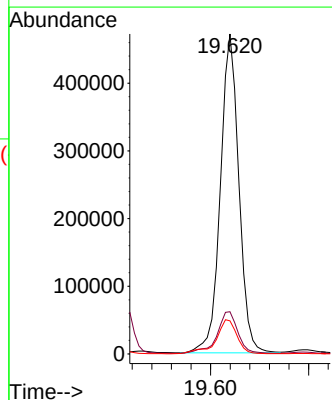
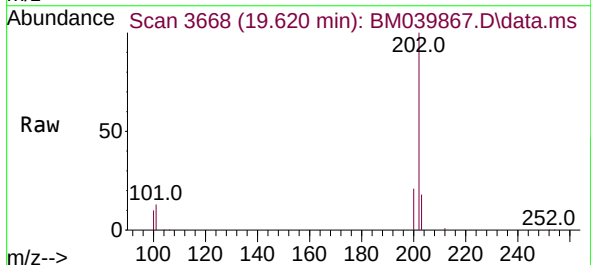
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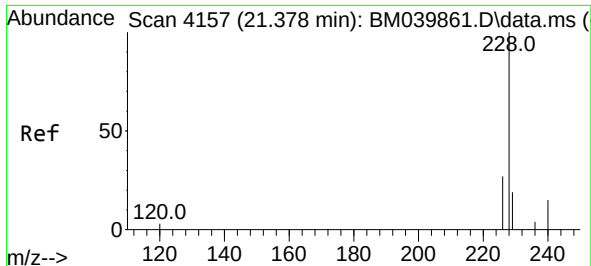
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#20
Pyrene
Concen: 25.756 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

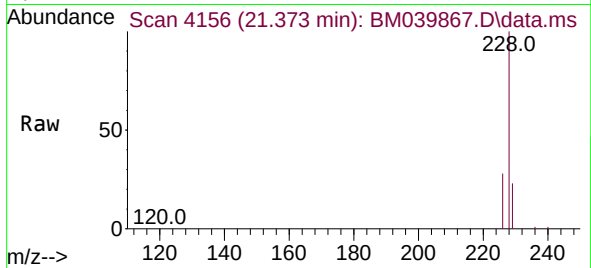
Tgt Ion:202 Resp: 618803
Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 10.4 8.9 13.3





#21
Benzo(a)anthracene
Concen: 19.921 ng/ul
RT: 21.373 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

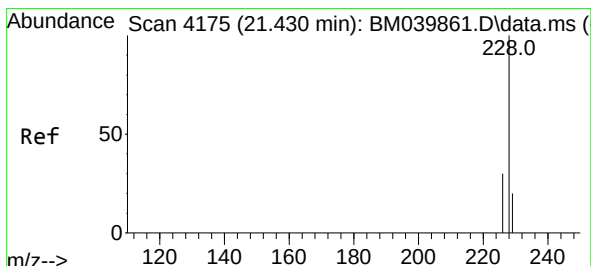
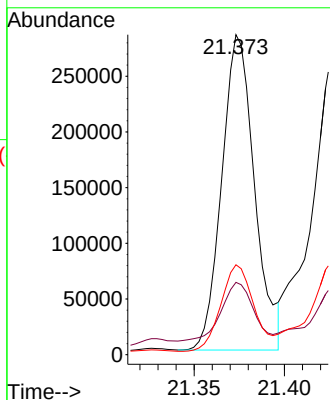
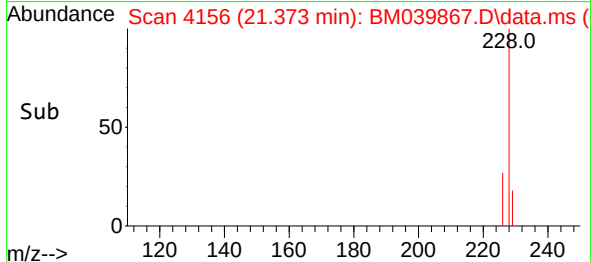
Instrument :
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Tgt Ion:228 Resp: 35716
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.2
226 28.1 21.6 32.4

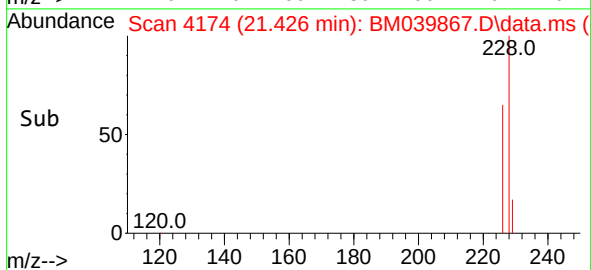
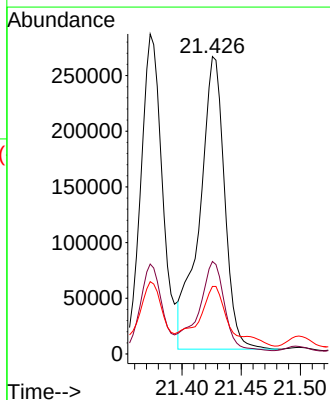
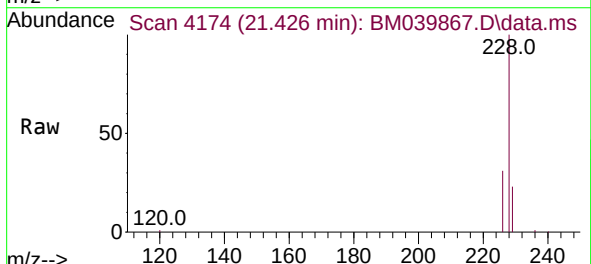
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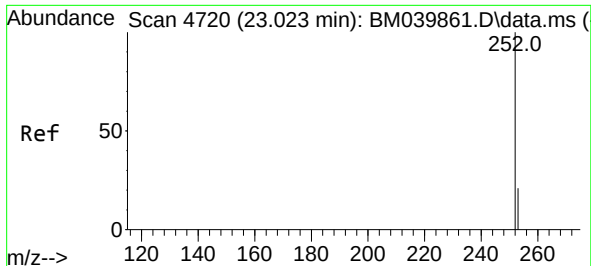
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Chrysene
Concen: 19.041 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

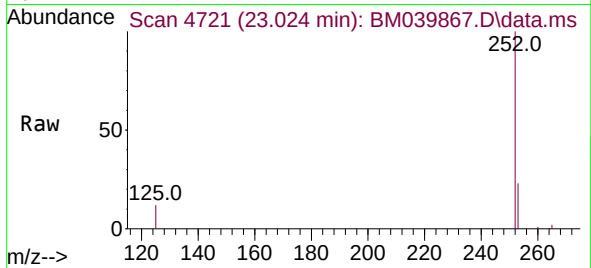
Tgt Ion:228 Resp: 386348
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 12.510 ng/ul
RT: 23.024 min Scan# 4721
Delta R.T. 0.001 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

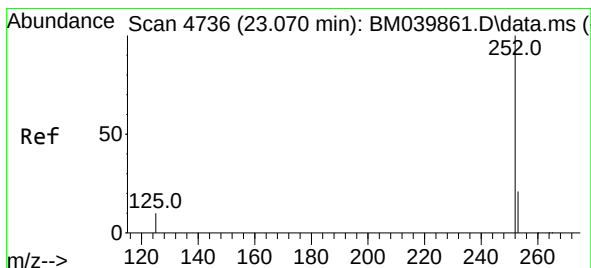
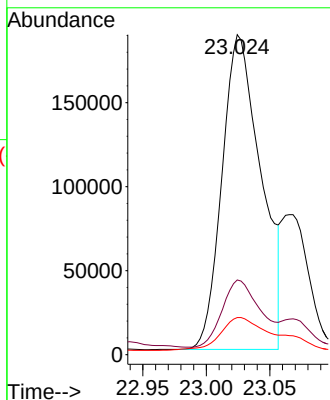
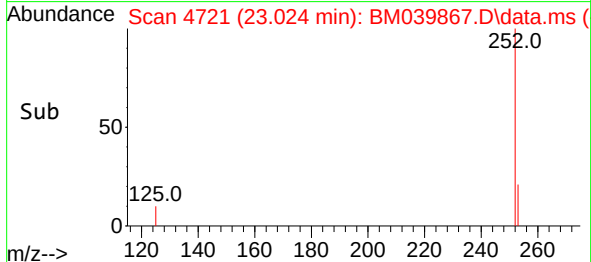
Instrument :
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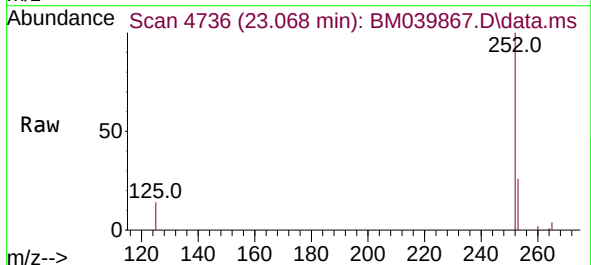
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Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 11.6 0.0 31.6

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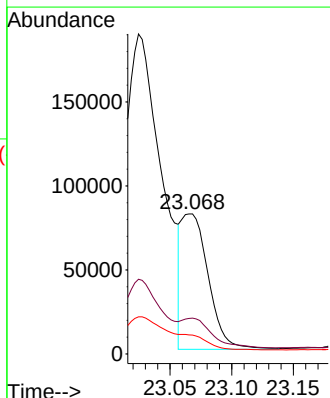
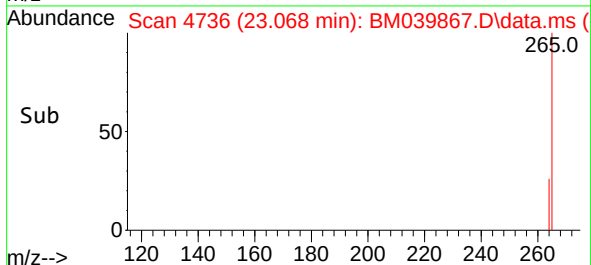
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

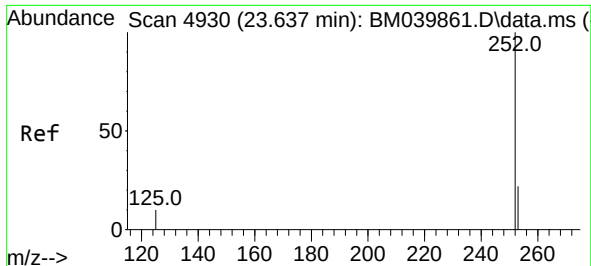


#25
Benzo(k)fluoranthene
Concen: 3.764 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.002 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25



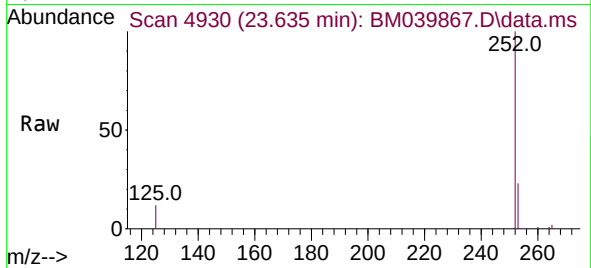
Tgt Ion:252 Resp: 122628
Ion Ratio Lower Upper
252 100
253 25.6 21.3 31.9
125 13.6 13.0 19.6





#26
Benzo(a)pyrene
Concen: 13.253 ng/ul
RT: 23.635 min Scan# 4930
Delta R.T. -0.002 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

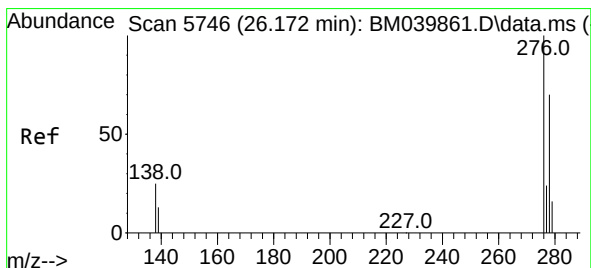
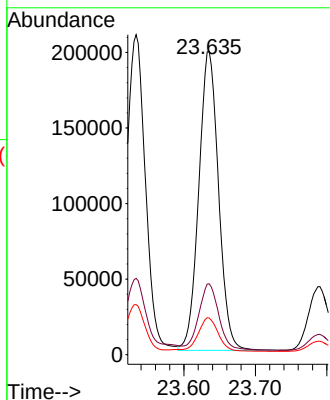
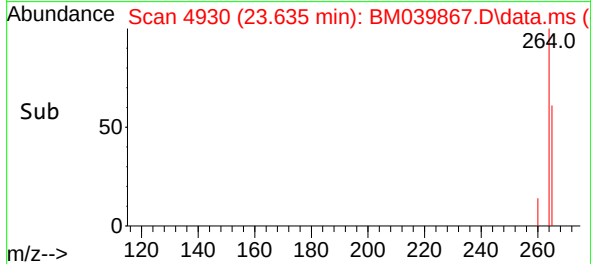
Instrument :
BNA_M
ClientSampleId :
EW945



Tgt Ion:252 Resp: 38072
Ion Ratio Lower Upper
252 100
253 23.4 24.7 37.1
125 12.1 16.5 24.7

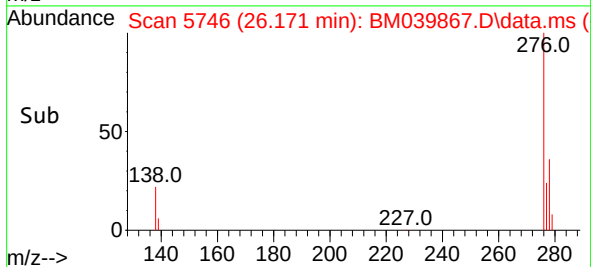
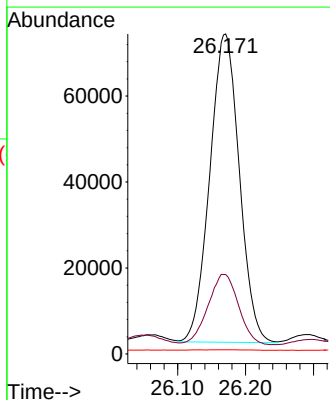
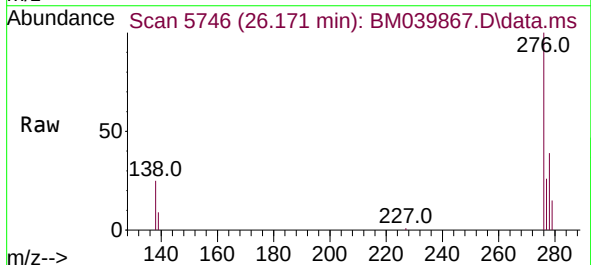
Manual Integrations
APPROVED

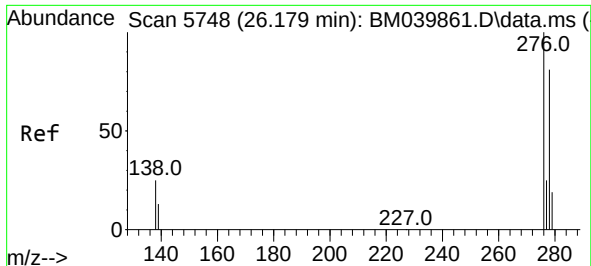
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.972 ng/ul
RT: 26.171 min Scan# 5746
Delta R.T. -0.002 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

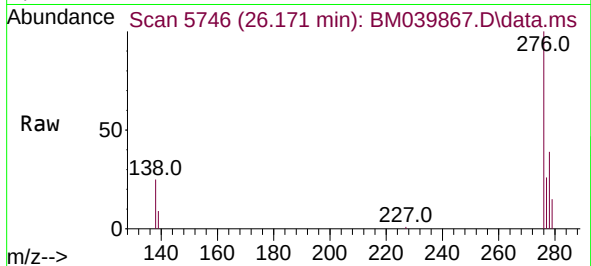
Tgt Ion:276 Resp: 216938
Ion Ratio Lower Upper
276 100
138 23.7 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 3.522 ng/ul
RT: 26.171 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25

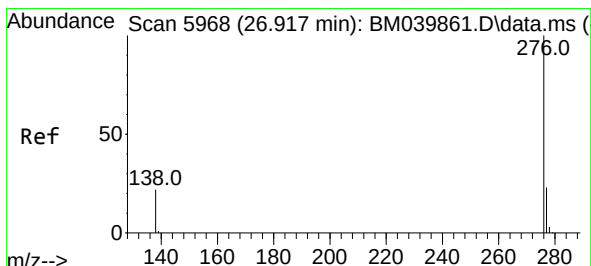
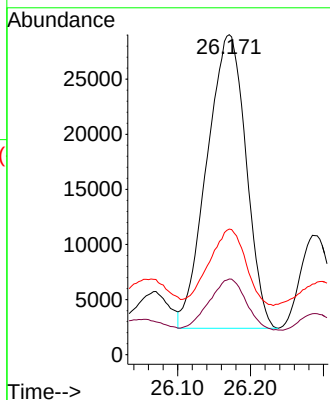
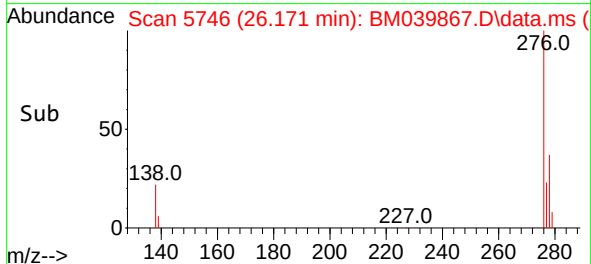
Instrument :
BNA_M
ClientSampleId :
EW945



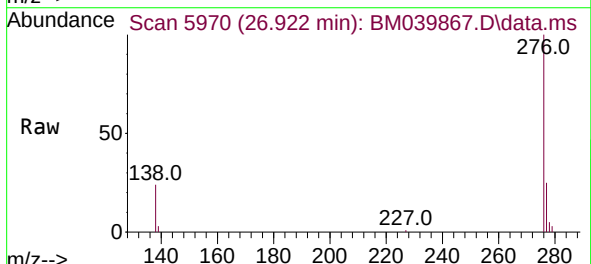
Tgt Ion:278 Resp: 99292
Ion Ratio Lower Upper
278 100
139 23.7 17.0 25.6
279 39.2 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 9.908 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. 0.005 min
Lab File: BM039867.D
Acq: 08 May 2023 13:25



Tgt Ion:276 Resp: 313629
Ion Ratio Lower Upper
276 100
138 23.8 20.1 30.1
277 25.2 20.1 30.1

