

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039873.D
 Acq On : 08 May 2023 17:42
 Operator : CG/JU
 Sample : 02479-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW945DL

Manual Integrations
 APPROVED

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

Quant Time: May 09 01:52:34 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	7.787	152	3983	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.584	136	14887	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.437	164	8479	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	16057	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	8654	0.400	ng/ul	0.00
23) Perylene-d12	23.733	264	8326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	2004	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	792	0.041	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	1459	0.063	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.633	128	10651	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.256	142	12830	0.595	ng/ul	95
8) 1-Methylnaphthalene	12.476	142	6597	0.285	ng/ul	100
10) Acenaphthylene	14.155	152	2926	0.089	ng/ul#	66
11) Acenaphthene	14.497	153	3598	0.140	ng/ul	97
12) Fluorene	15.492	166	4364	0.153	ng/ul#	95
15) Phenanthrene	17.229	178	110235	2.606	ng/ul	99
16) Anthracene	17.326	178	23351	0.643	ng/ul	99
19) Fluoranthene	19.252	202	179139	5.802	ng/ul	99
20) Pyrene	19.620	202	179331	5.379	ng/ul	98
21) Benzo(a)anthracene	21.372	228	82029	3.297	ng/ul	96
22) Chrysene	21.424	228	86960	3.088	ng/ul	97
24) Benzo(b)fluoranthene	23.020	252	80258	2.745	ng/ul	96
25) Benzo(k)fluoranthene	23.064	252	22798m	0.766	ng/ul	
26) Benzo(a)pyrene	23.628	252	71592	2.727	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.162	276	40552	1.222	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.162	278	18303	0.710	ng/ul#	81
29) Benzo(g,h,i)perylene	26.910	276	58821	2.034	ng/ul	99

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

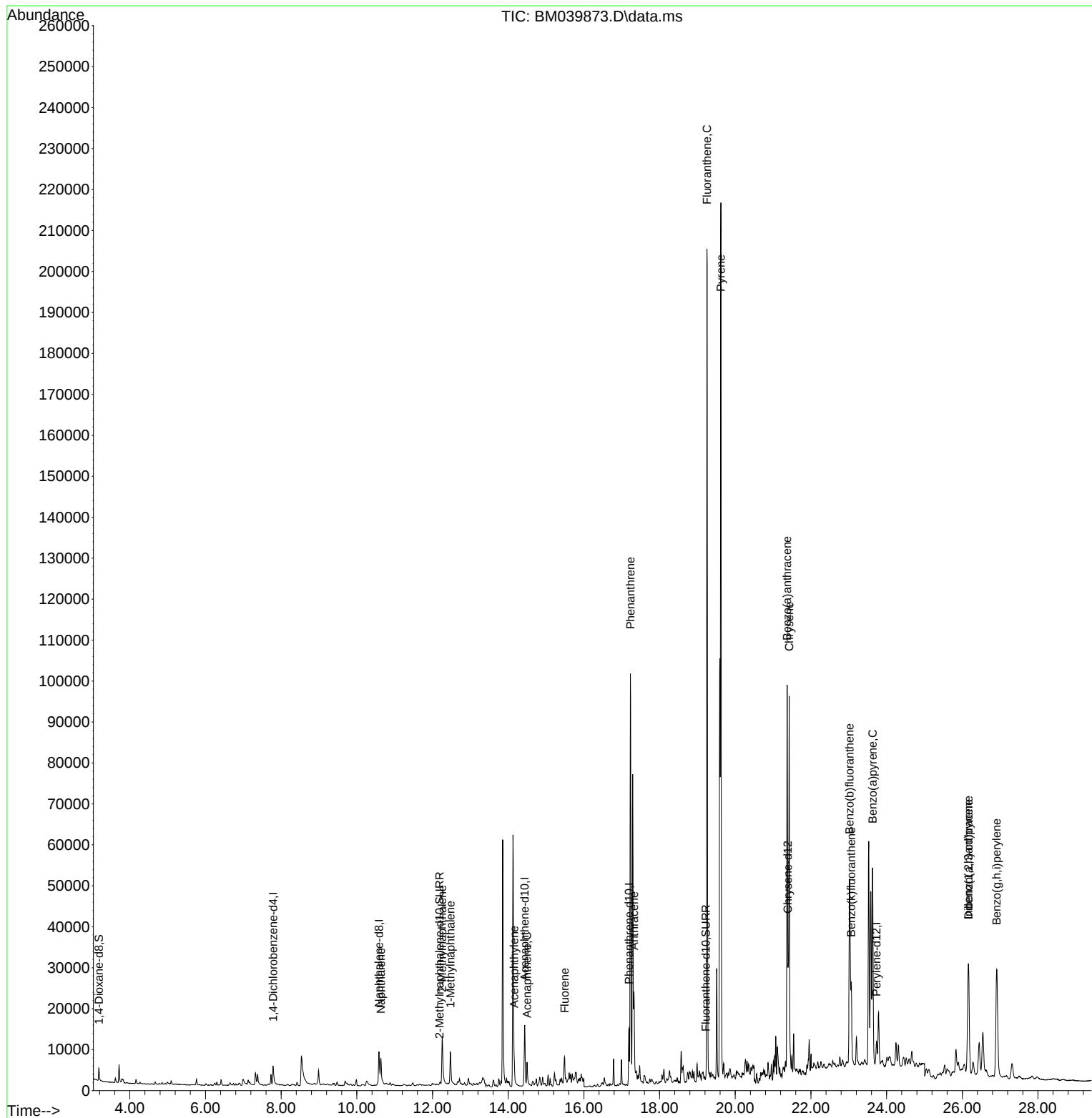
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
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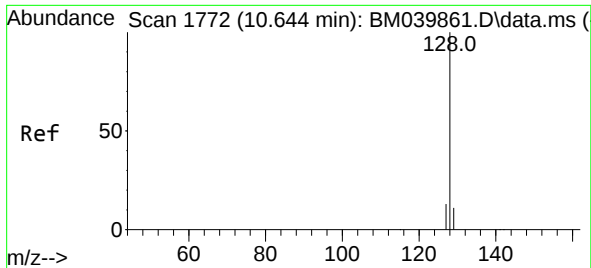
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Quant Time: May 09 01:52:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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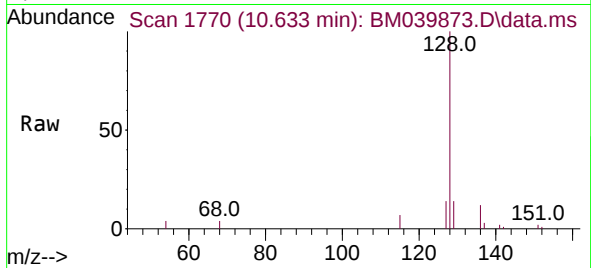
Reviewed By : Christian Giraldo 05/09/2023
Supervised By : Jagrut Upadhyay 05/09/2023





#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.633 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

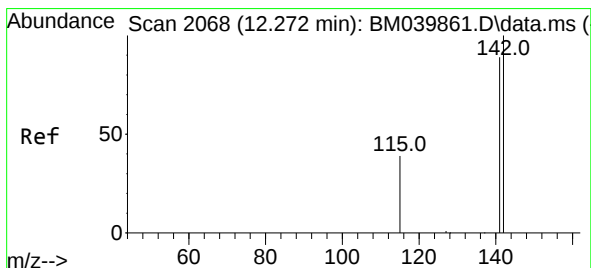
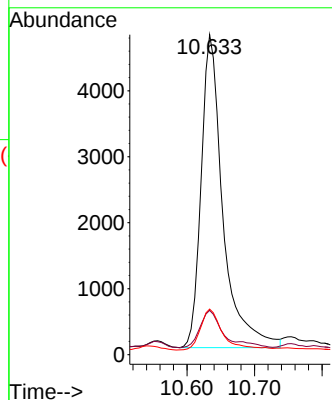
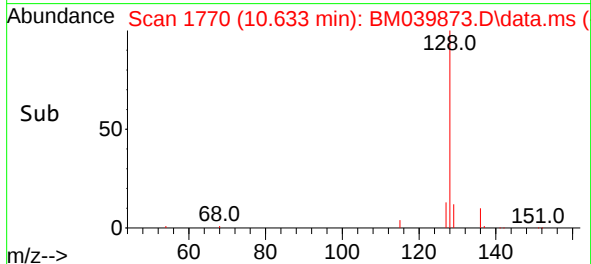
Instrument :
BNA_M
ClientSampleId :
EW945DL



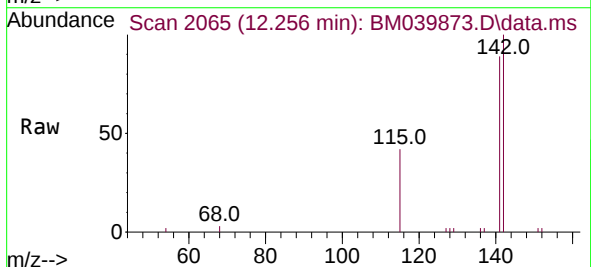
Tgt Ion:128 Resp: 1065
Ion Ratio Lower Upper
128 100
129 13.8 9.8 14.6
127 14.2 11.1 16.7

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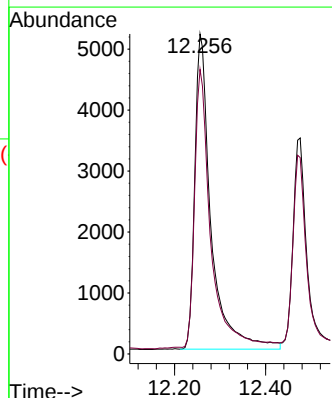
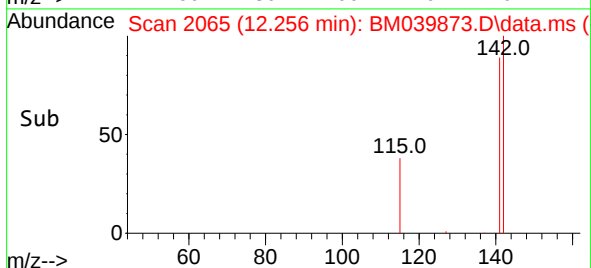
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

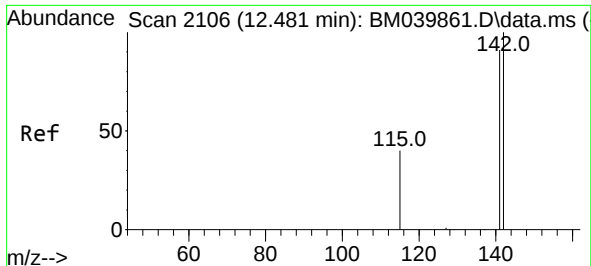


#7
2-Methylnaphthalene
Concen: 0.595 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42



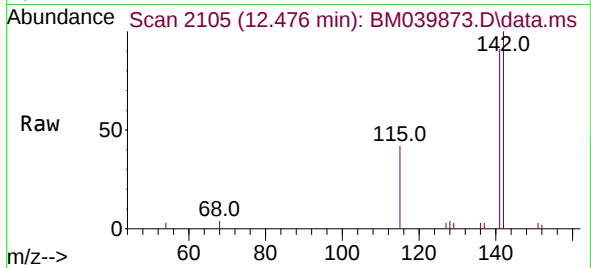
Tgt Ion:142 Resp: 12830
Ion Ratio Lower Upper
142 100
141 86.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.476 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

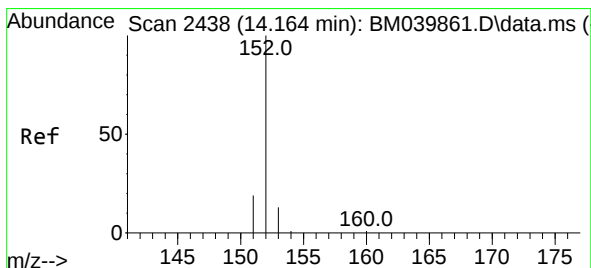
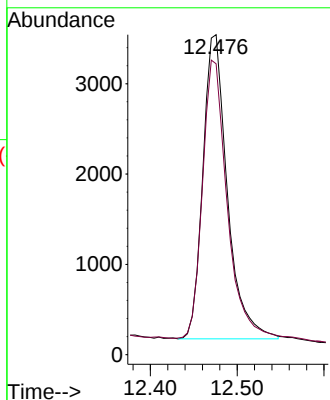
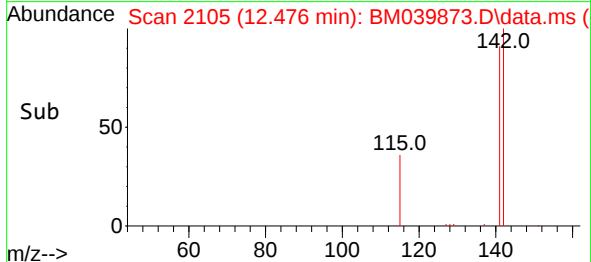
Instrument :
BNA_M
ClientSampleId :
EW945DL



Tgt Ion:142 Resp: 659
Ion Ratio Lower Upper
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141 91.9 73.4 110.2

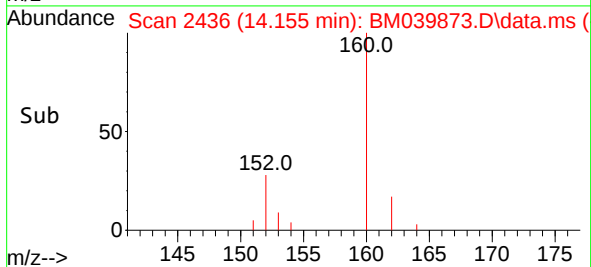
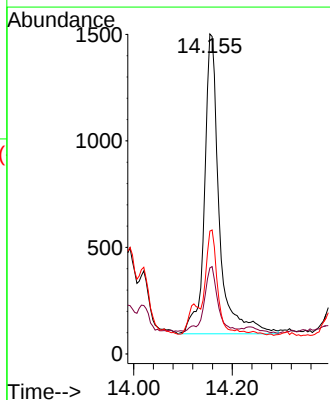
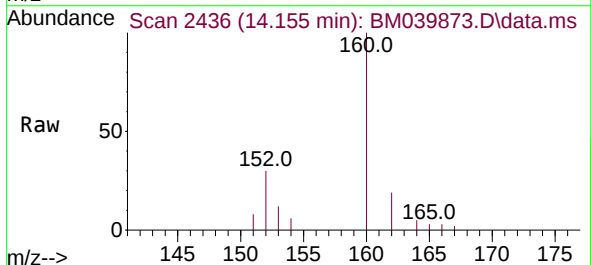
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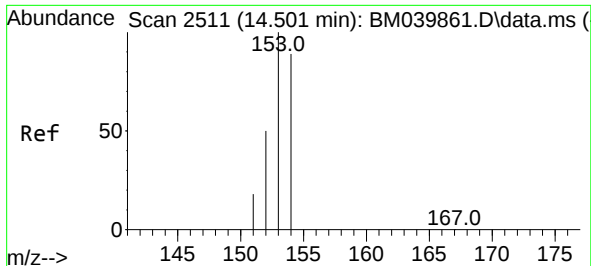
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

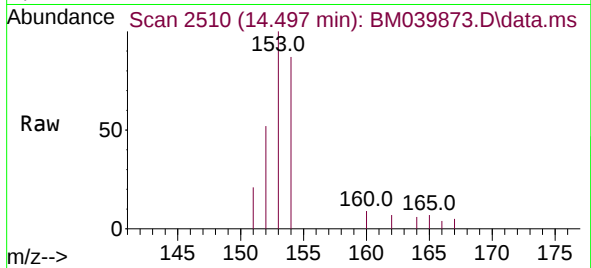
Tgt Ion:152 Resp: 2926
Ion Ratio Lower Upper
152 100
151 26.9 16.0 24.0#
153 38.4 11.2 16.8#





#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.497 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

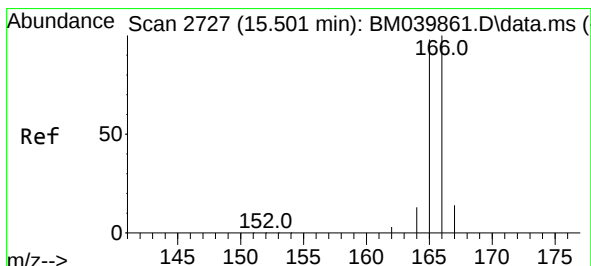
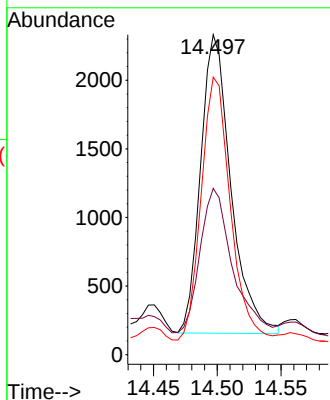
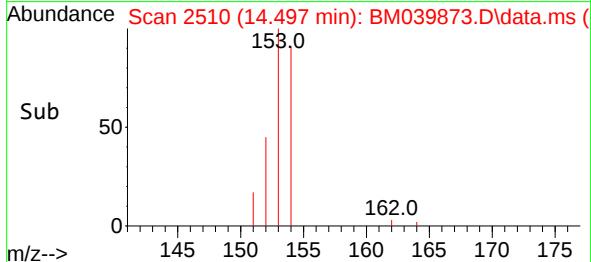
Instrument :
BNA_M
ClientSampleId :
EW945DL



Tgt Ion:153 Resp: 3598
Ion Ratio Lower Upper
153 100
152 52.0 40.6 61.0
154 86.7 71.9 107.9

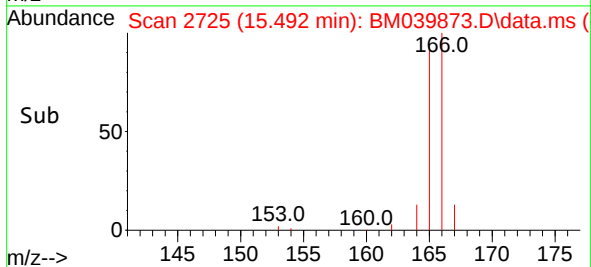
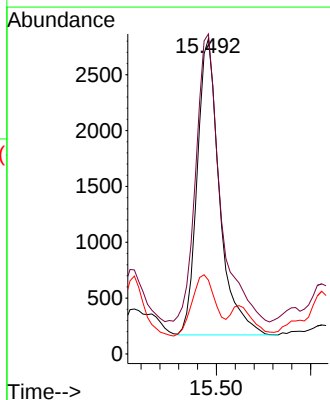
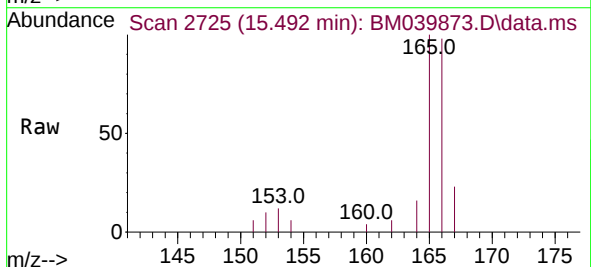
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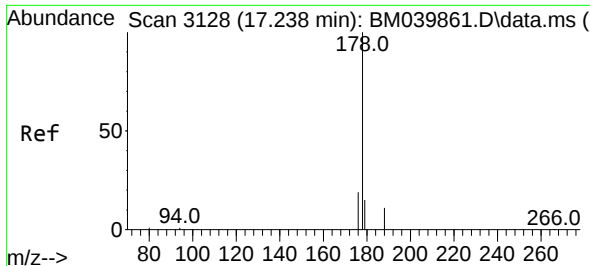
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#12
Fluorene
Concen: 0.153 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

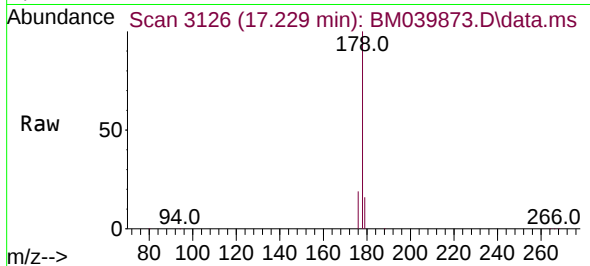
Tgt Ion:166 Resp: 4364
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 23.4 11.8 17.6#





#15
Phenanthrene
Concen: 2.606 ng/ul
RT: 17.229 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

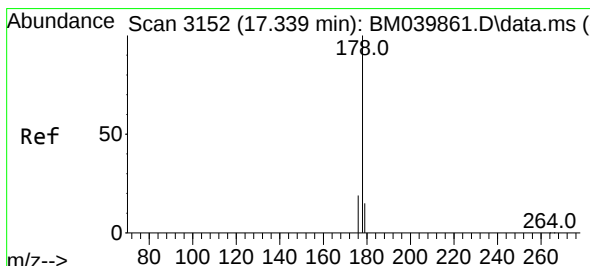
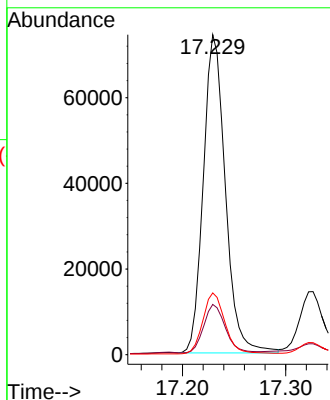
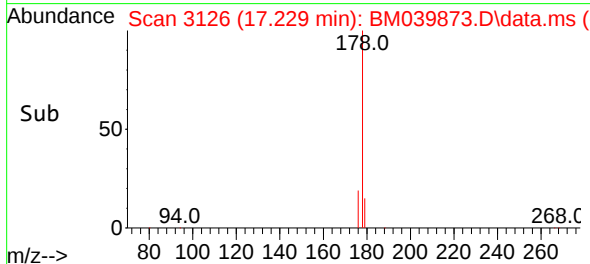
Instrument :
BNA_M
ClientSampleId :
EW945DL



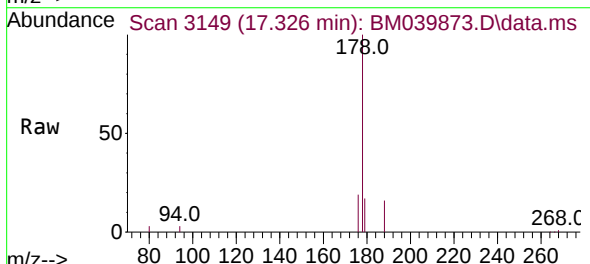
Tgt Ion:178 Resp: 110235
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.8 23.8

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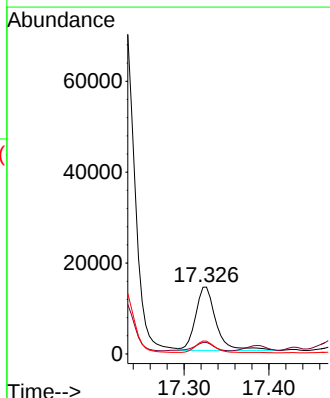
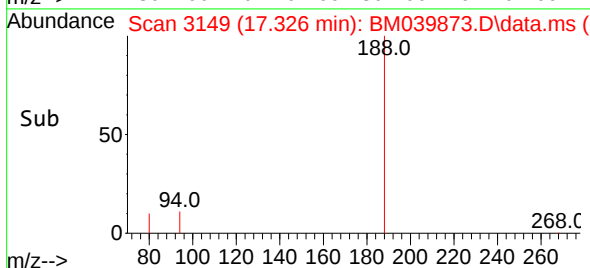
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

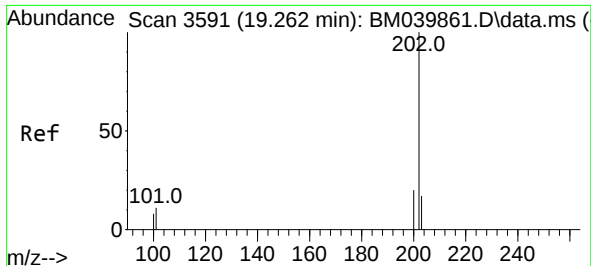


#16
Anthracene
Concen: 0.643 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.013 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42



Tgt Ion:178 Resp: 23351
Ion Ratio Lower Upper
178 100
179 17.3 13.8 20.6
176 19.1 15.8 23.8





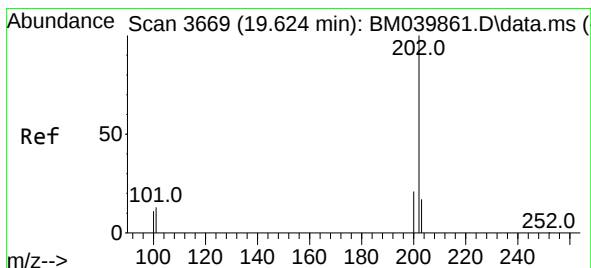
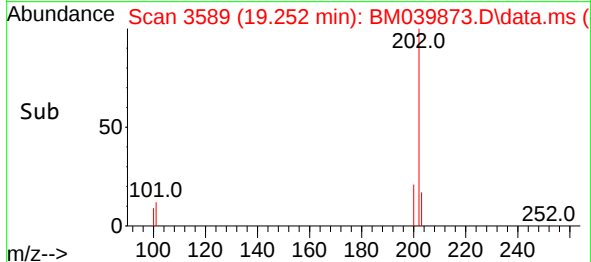
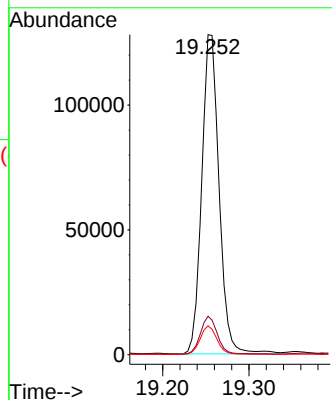
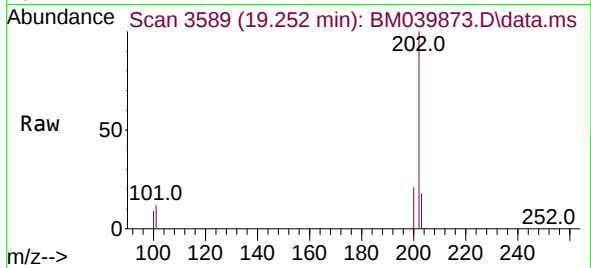
#19
Fluoranthene
Concen: 5.802 ng/u1
RT: 19.252 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Instrument :
BNA_M
ClientSampleId :
EW945DL

Tgt Ion:202 Resp: 179139
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.0 7.3 10.9

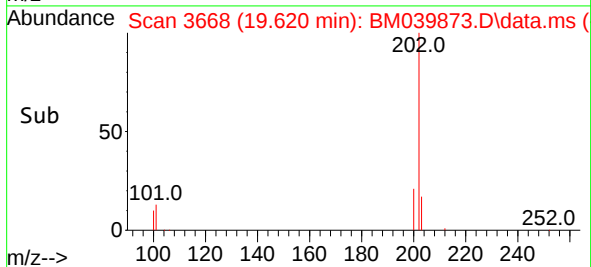
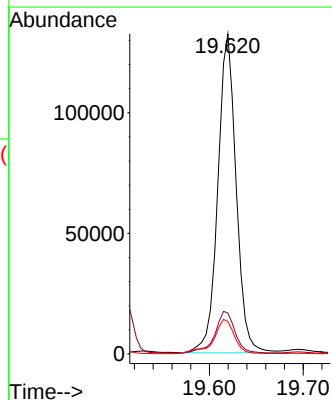
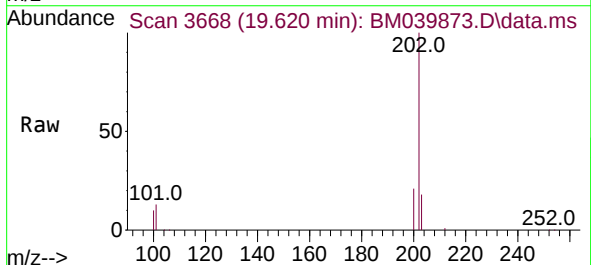
Manual Integrations
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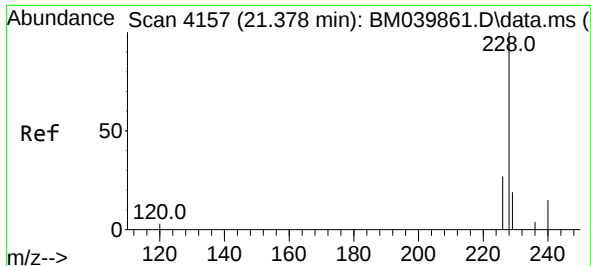
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#20
Pyrene
Concen: 5.379 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

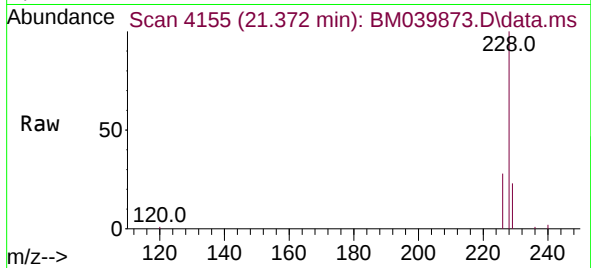
Tgt Ion:202 Resp: 179331
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.1 8.9 13.3





#21
Benzo(a)anthracene
Concen: 3.297 ng/u1
RT: 21.372 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

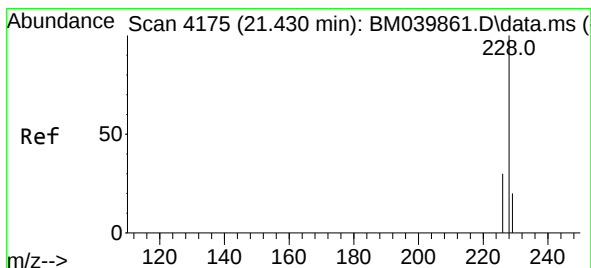
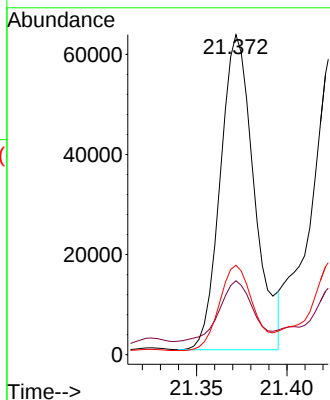
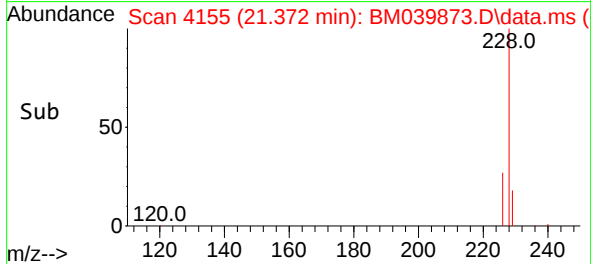
Instrument :
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Tgt Ion:228 Resp: 82029
Ion Ratio Lower Upper
228 100
229 23.1 16.2 24.2
226 28.0 21.6 32.4

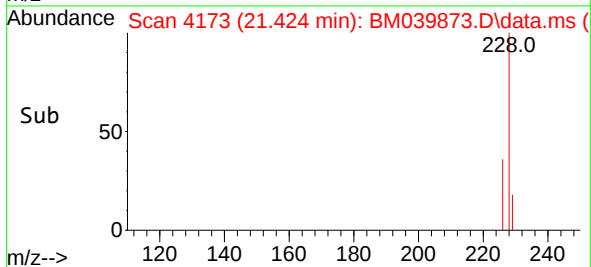
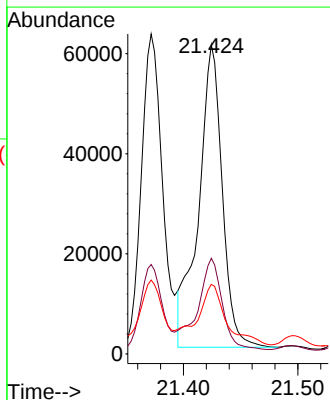
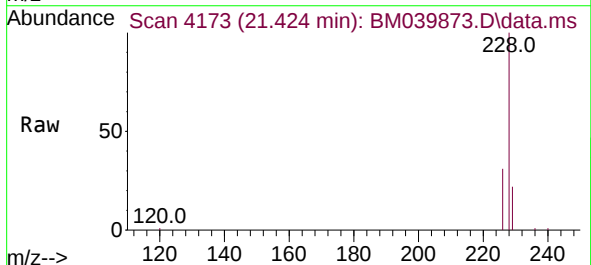
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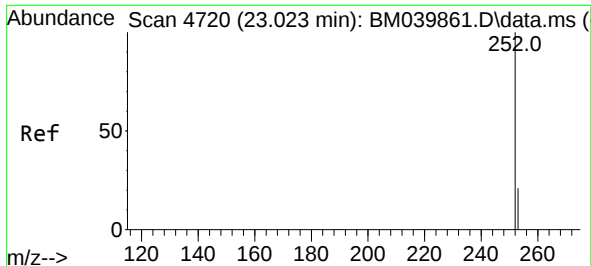
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Chrysene
Concen: 3.088 ng/u1
RT: 21.424 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

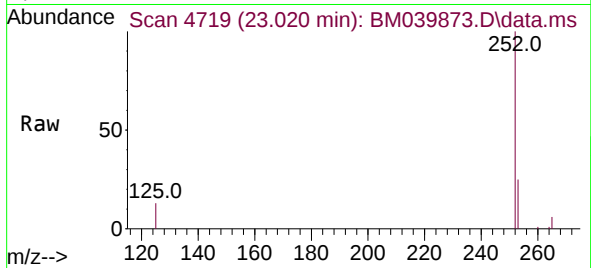
Tgt Ion:228 Resp: 86960
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.5 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.745 ng/ul
RT: 23.020 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

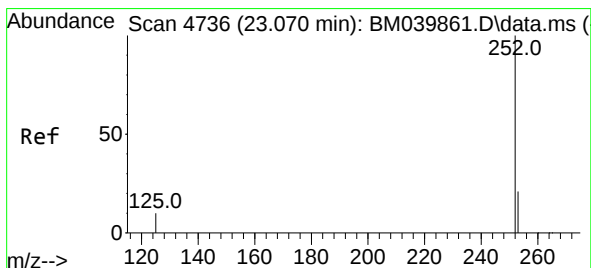
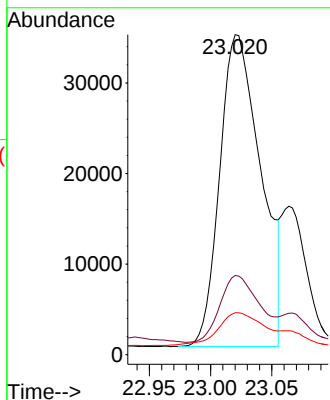
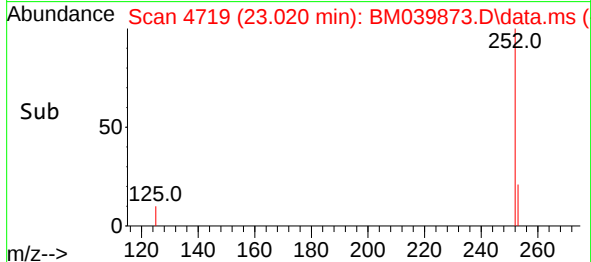
Instrument :
BNA_M
ClientSampleId :
EW945DL



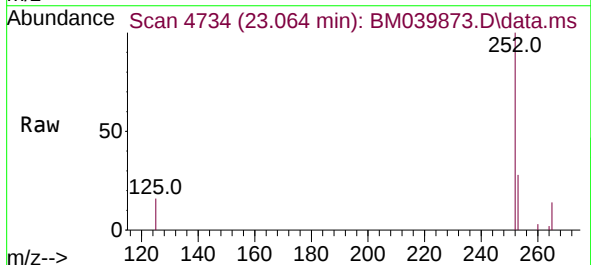
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Ion Ratio Lower Upper
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253 24.8 0.0 52.8
125 13.1 0.0 31.6

Manual Integrations
APPROVED

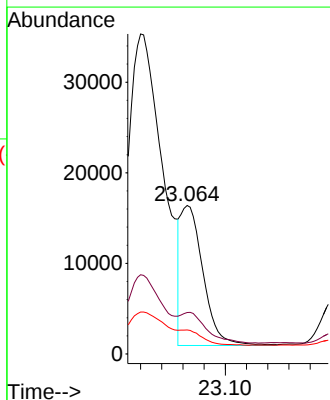
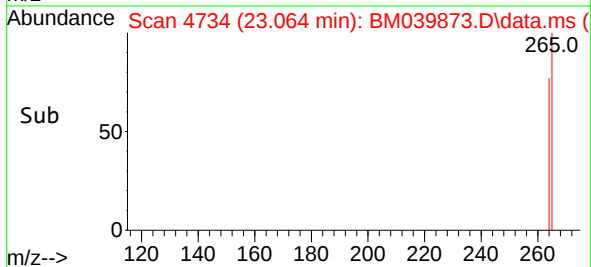
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

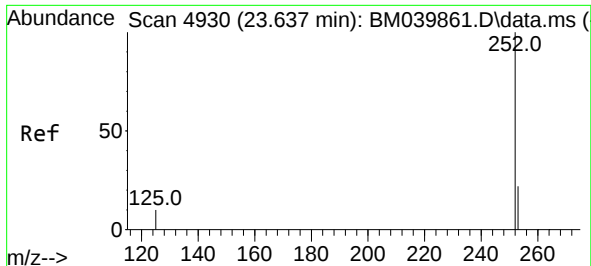


#25
Benzo(k)fluoranthene
Concen: 0.766 ng/ul m
RT: 23.064 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42



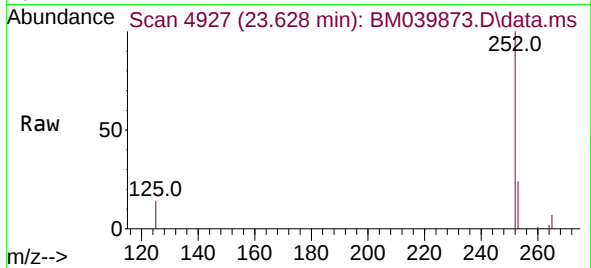
Tgt Ion:252 Resp: 22798
Ion Ratio Lower Upper
252 100
253 27.9 21.3 31.9
125 16.2 13.0 19.6





#26
Benzo(a)pyrene
Concen: 2.727 ng/ul
RT: 23.628 min Scan# 4930
Delta R.T. -0.009 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

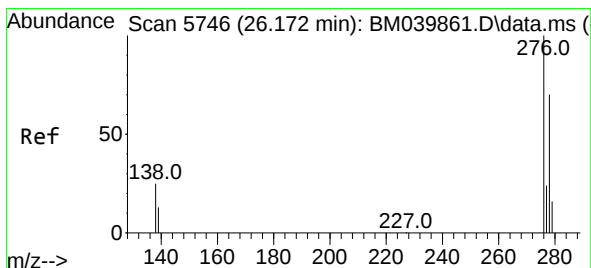
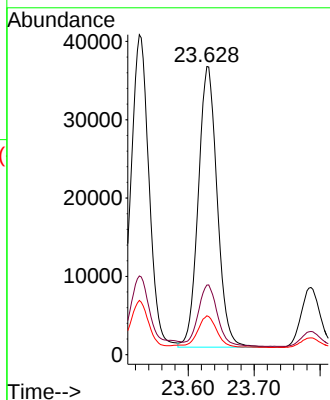
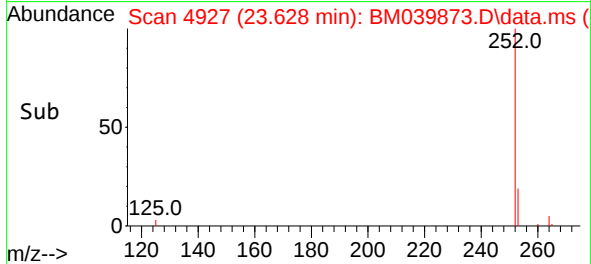
Instrument :
BNA_M
ClientSampleId :
EW945DL



Tgt Ion:252 Resp: 71592
Ion Ratio Lower Upper
252 100
253 24.1 24.7 37.1
125 13.5 16.5 24.7

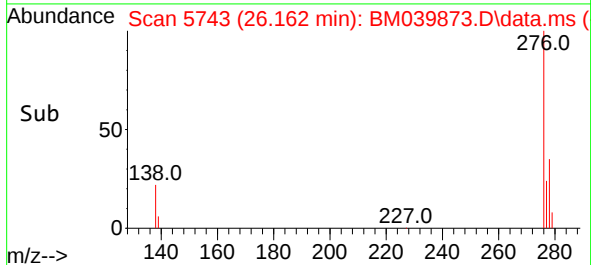
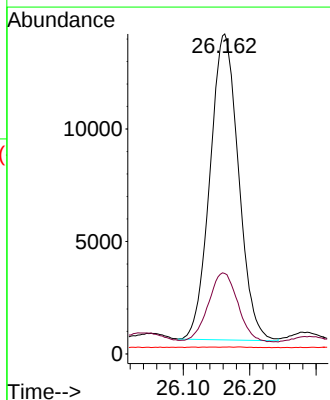
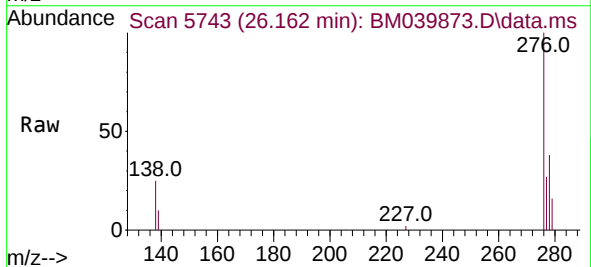
Manual Integrations
APPROVED

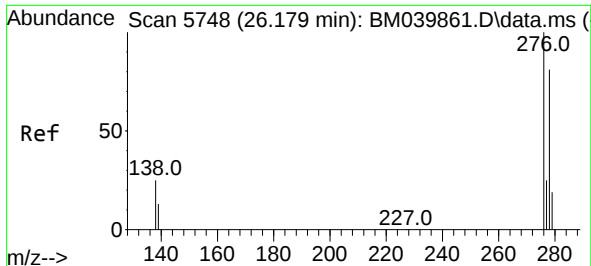
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.222 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

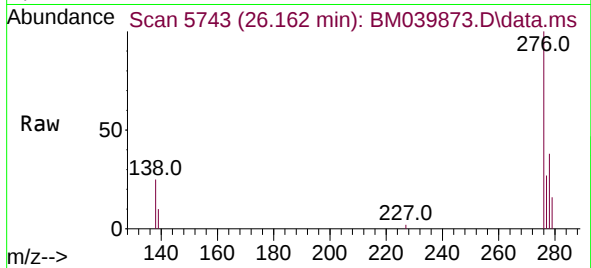
Tgt Ion:276 Resp: 40552
Ion Ratio Lower Upper
276 100
138 23.5 21.1 31.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.710 ng/ul
RT: 26.162 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

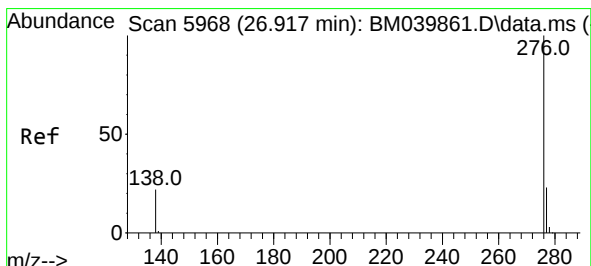
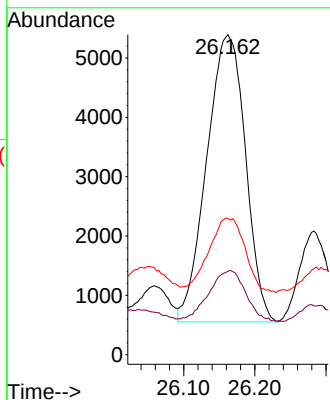
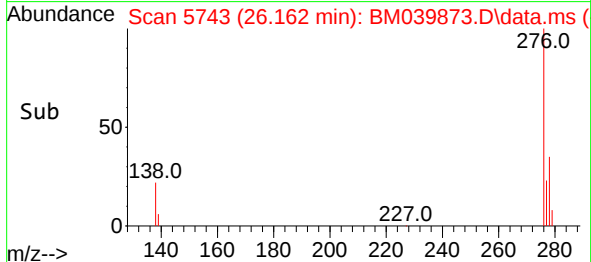
Instrument :
BNA_M
ClientSampleId :
EW945DL



Tgt Ion:278 Resp: 1830
Ion Ratio Lower Upper
278 100
139 26.0 17.0 25.6
279 42.6 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: 2.034 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.007 min
Lab File: BM039873.D
Acq: 08 May 2023 17:42

Tgt Ion:276 Resp: 58821
Ion Ratio Lower Upper
276 100
138 24.6 20.1 30.1
277 25.9 20.1 30.1

