

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039812.D
 Acq On : 02 May 2023 21:07
 Operator : CG/JU
 Sample : 02419-25DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW922DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:17:44 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 : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3124	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	10156	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	5308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	10771	0.400	ng/ul	0.00
17) Chrysene-d12	21.405	240	7677	0.400	ng/ul	# 0.00
23) Perylene-d12	23.764	264	9021	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2556	0.555	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	527	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	1217	0.059	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.650	128	4252	0.167	ng/ul#	94
7) 2-Methylnaphthalene	12.272	142	1929	0.131	ng/ul	95
8) 1-Methylnaphthalene	12.487	142	1863	0.118	ng/ul	100
10) Acenaphthylene	14.173	152	11741	0.571	ng/ul	98
11) Acenaphthene	14.511	153	13295	0.824	ng/ul	99
12) Fluorene	15.505	166	15159	0.847	ng/ul	98
15) Phenanthrene	17.246	178	244293	8.609	ng/ul	98
16) Anthracene	17.339	178	63007	2.586	ng/ul	98
19) Fluoranthene	19.271	202	463103	16.909	ng/ul	98
20) Pyrene	19.638	202	398827	13.484	ng/ul	97
21) Benzo(a)anthracene	21.391	228	198928	9.012	ng/ul	99
22) Chrysene	21.443	228	185775	7.437	ng/ul	98
24) Benzo(b)fluoranthene	23.048	252	239367m	7.556	ng/ul	
25) Benzo(k)fluoranthene	23.091	252	82524m	2.558	ng/ul	
26) Benzo(a)pyrene	23.659	252	172604	6.068	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.208	276	118343	3.290	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.208	278	30720	1.100	ng/ul#	87
29) Benzo(g,h,i)perylene	26.959	276	104819	3.345	ng/ul	99

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

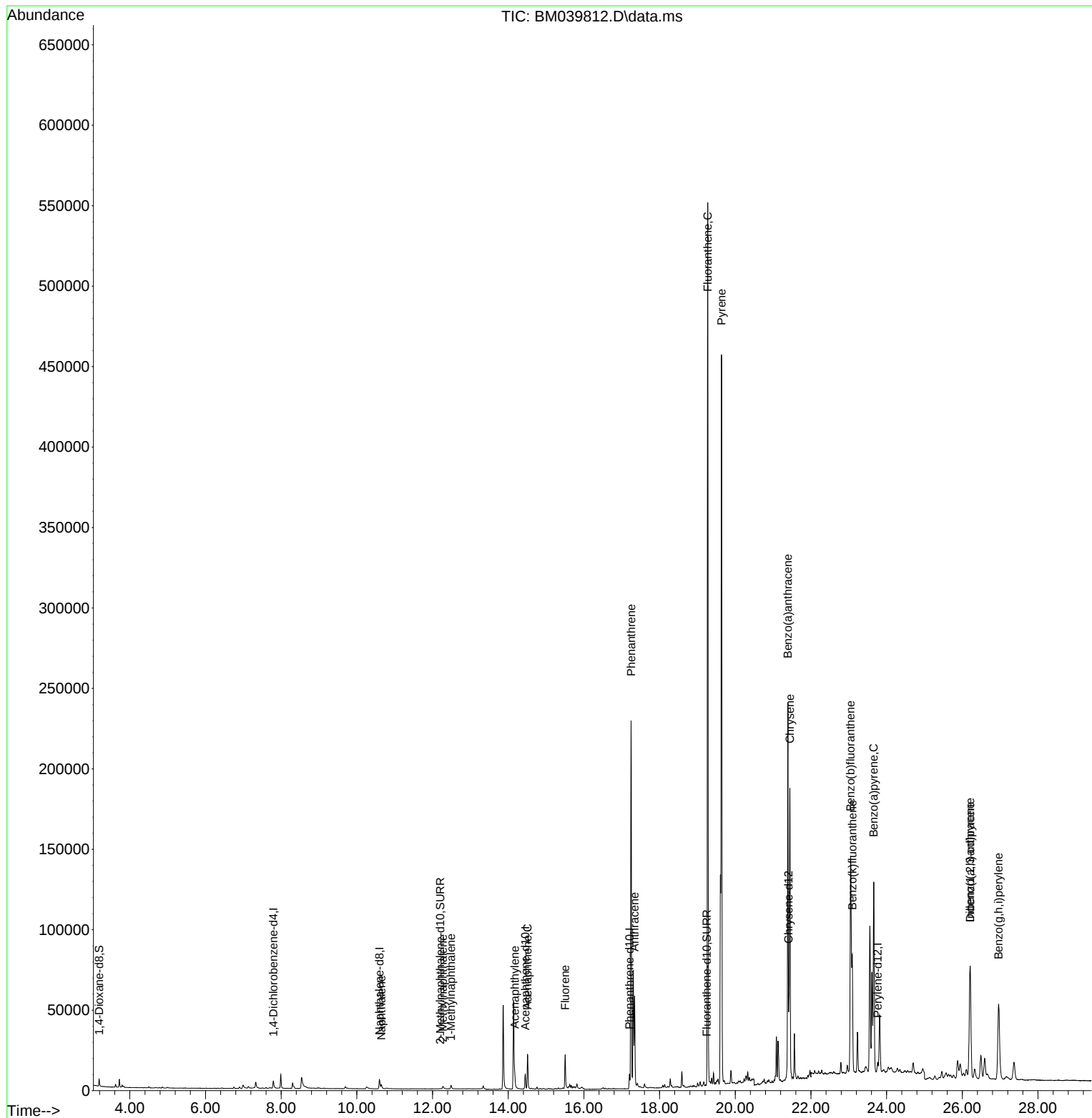
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039812.D
Acq On : 02 May 2023 21:07
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ALS Vial : 15 Sample Multiplier: 1

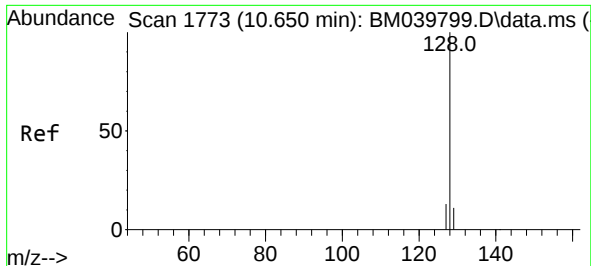
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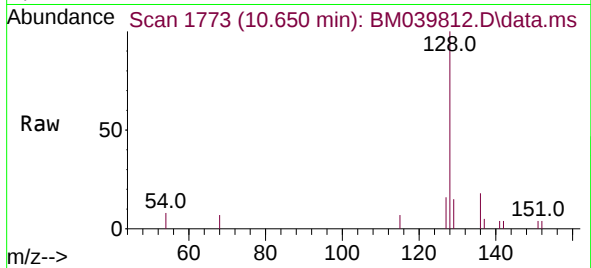
Quant Time: May 03 04:17:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.167 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

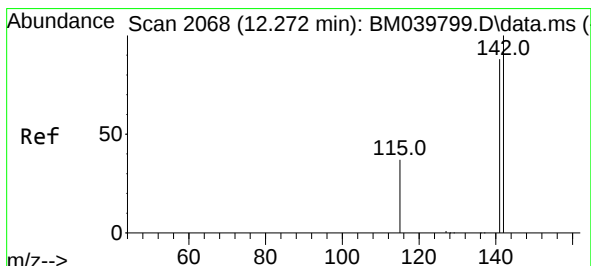
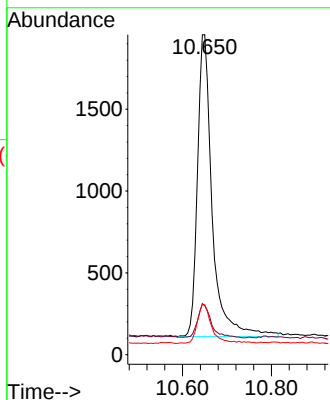
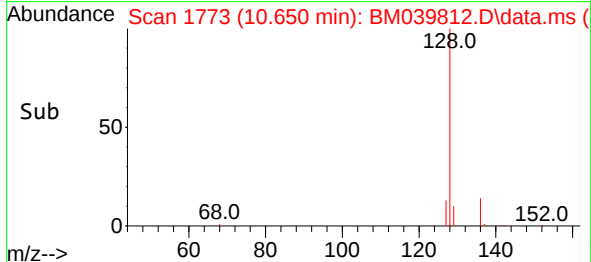
Instrument :
BNA_M
ClientSampleId :
EW922DL



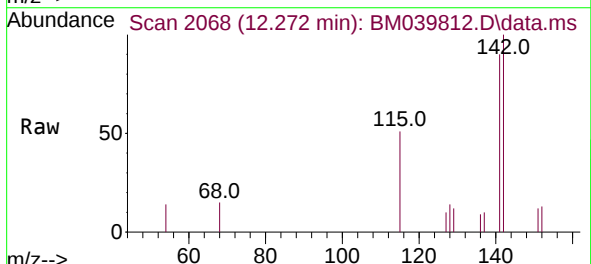
Tgt Ion:128 Resp: 425
Ion Ratio Lower Upper
128 100
129 15.3 9.8 14.6
127 15.6 11.1 16.7

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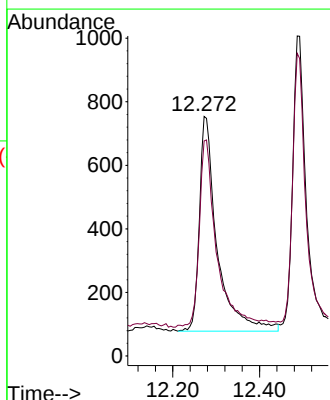
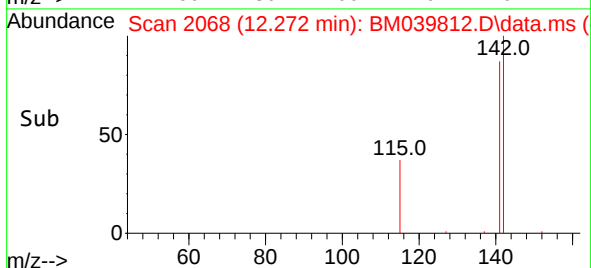
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

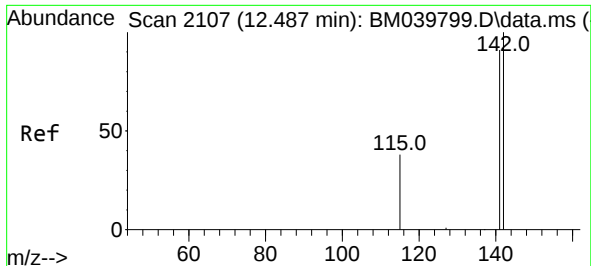


#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07



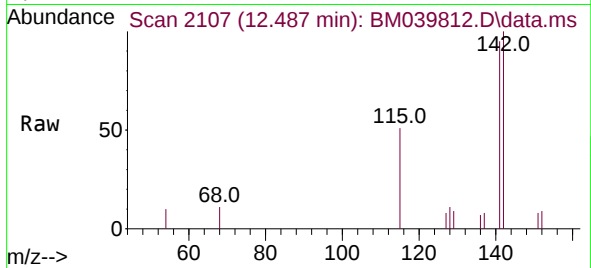
Tgt Ion:142 Resp: 1929
Ion Ratio Lower Upper
142 100
141 86.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

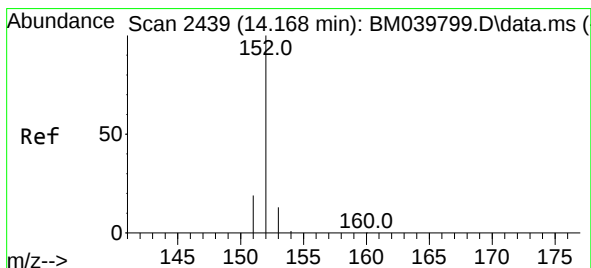
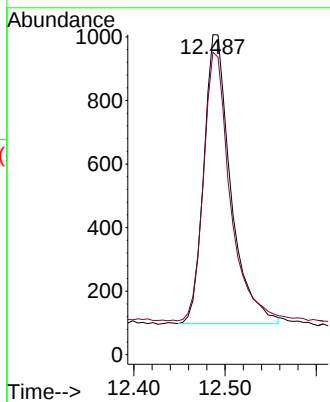
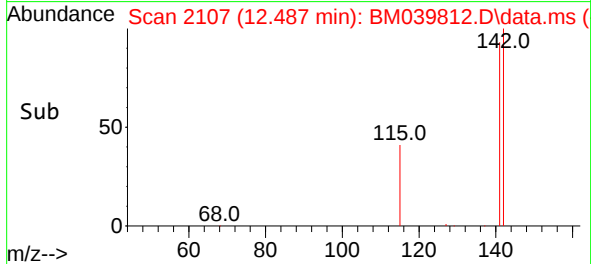
Instrument :
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Tgt Ion:142 Resp: 186
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

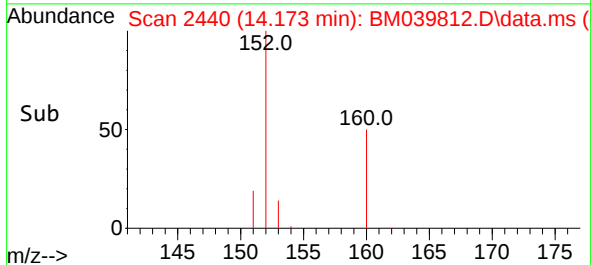
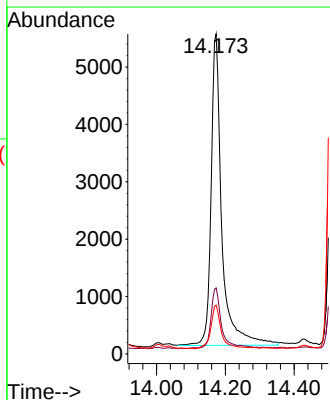
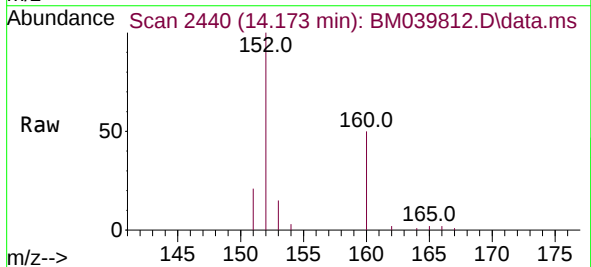
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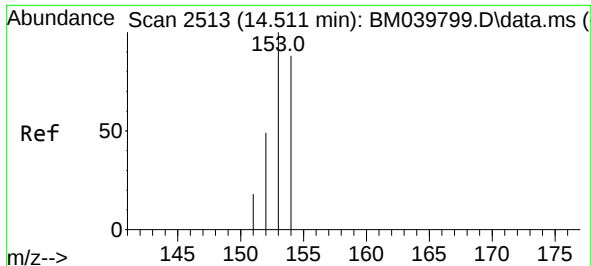
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 0.571 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

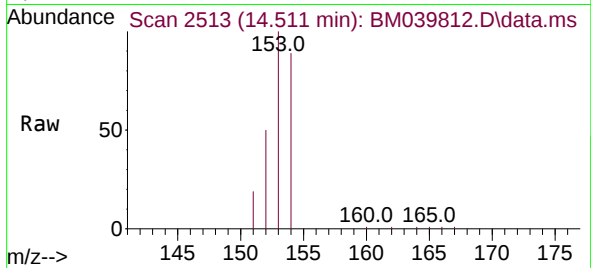
Tgt Ion:152 Resp: 11741
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 15.2 11.2 16.8





#11
Acenaphthene
Concen: 0.824 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

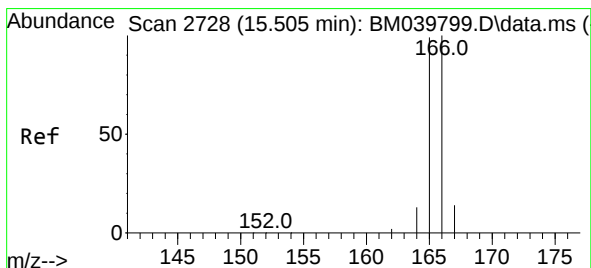
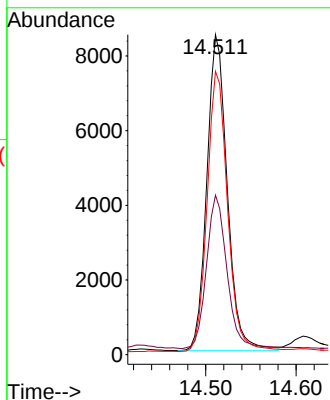
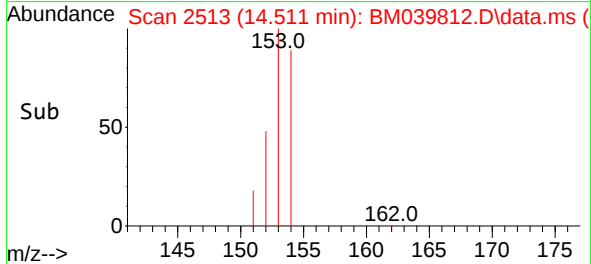
Instrument :
BNA_M
ClientSampleId :
EW922DL



Tgt Ion:153 Resp: 1329
Ion Ratio Lower Upper
153 100
152 49.9 40.6 61.0
154 88.6 71.9 107.9

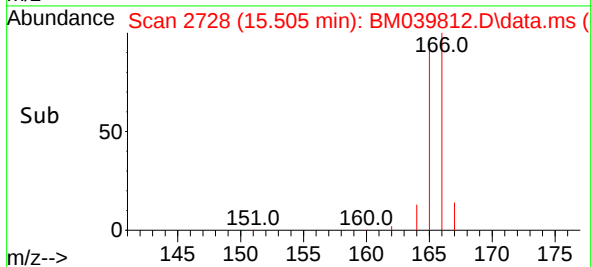
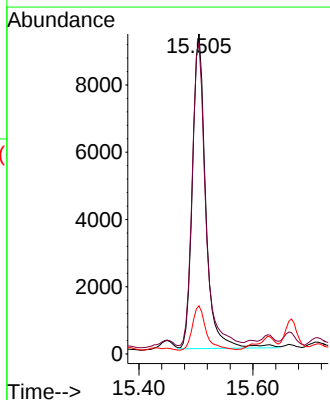
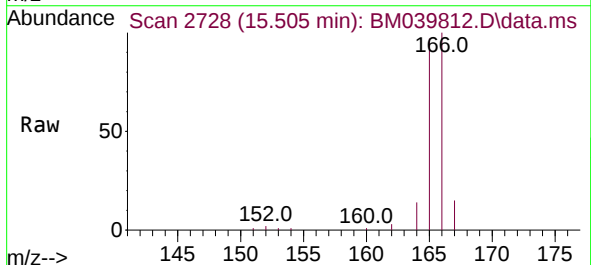
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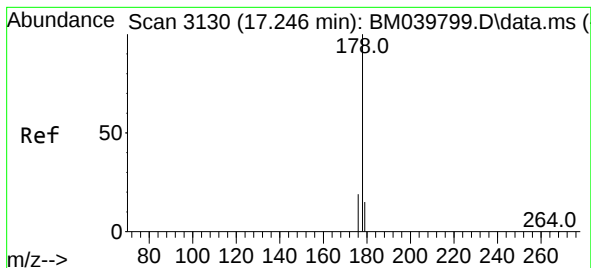
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 0.847 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

Tgt Ion:166 Resp: 15159
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 15.0 11.8 17.6





#15

Phenanthrene

Concen: 8.609 ng/ul

RT: 17.246 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BM039812.D

Acq: 02 May 2023 21:07

Instrument :

BNA_M

ClientSampleId :

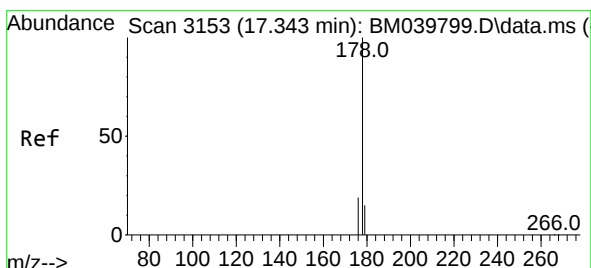
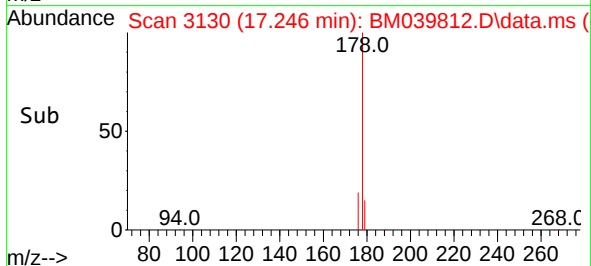
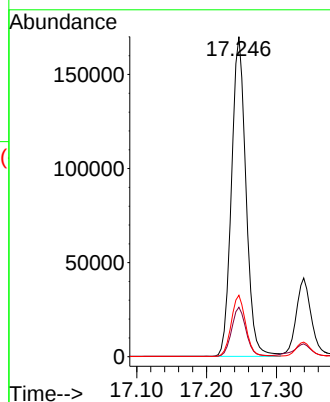
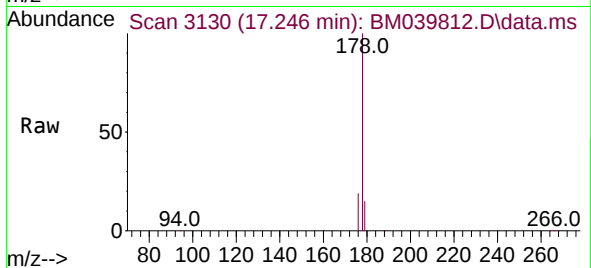
EW922DL

Tgt Ion:	178	Resp:	24429
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.6
176	19.2	15.8	23.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/04/2023



#16

Anthracene

Concen: 2.586 ng/ul

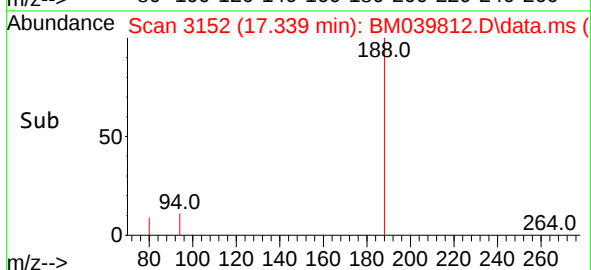
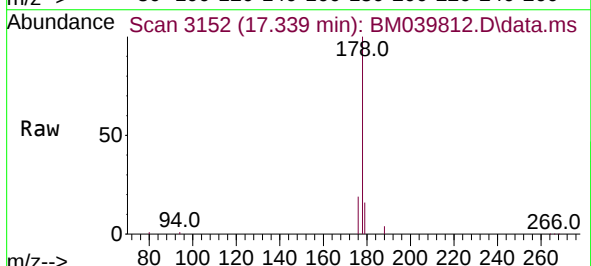
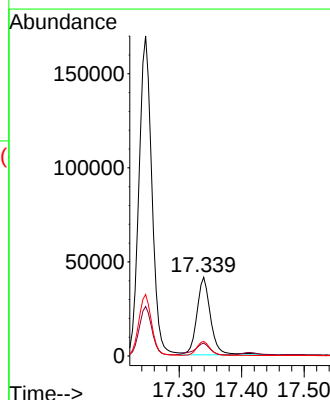
RT: 17.339 min Scan# 3152

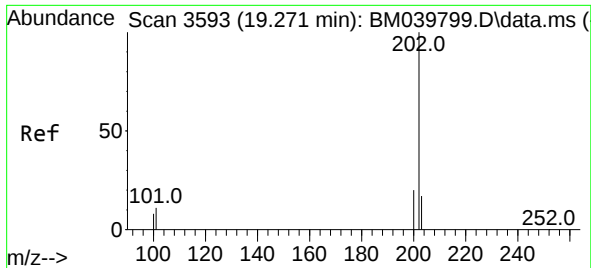
Delta R.T. -0.004 min

Lab File: BM039812.D

Acq: 02 May 2023 21:07

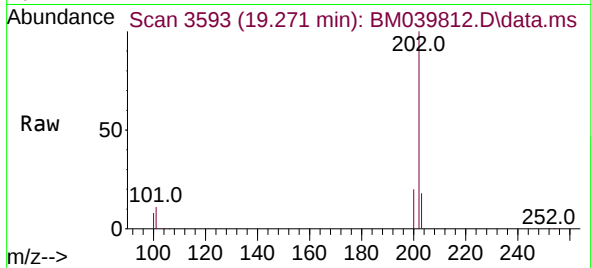
Tgt Ion:	178	Resp:	63007
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.8	20.6
176	18.6	15.8	23.8





#19
Fluoranthene
Concen: 16.909 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

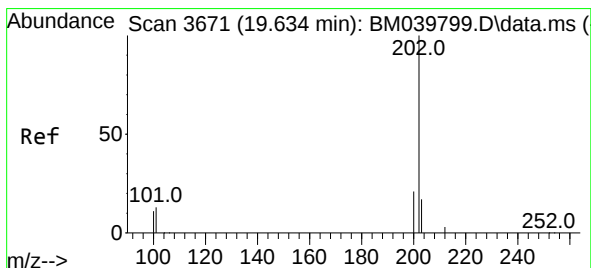
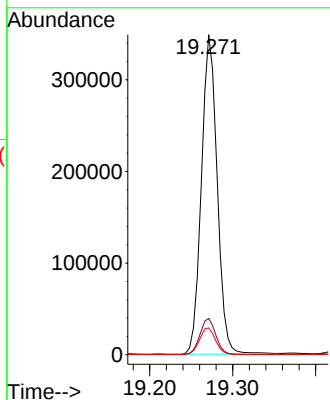
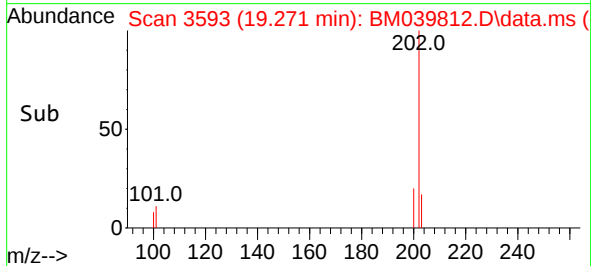
Instrument :
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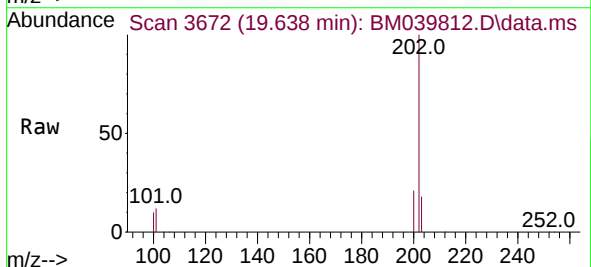
Tgt Ion:202 Resp: 46310
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.4 7.3 10.9

Manual Integrations
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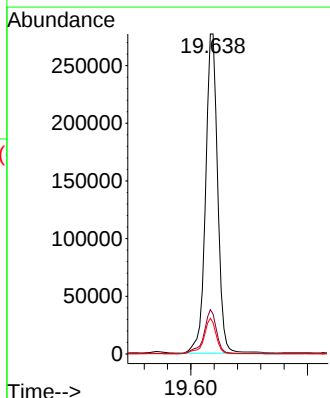
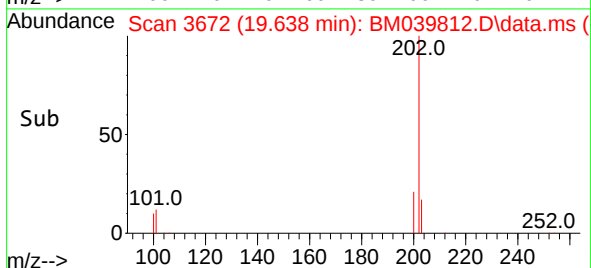
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Supervised By :Jagrut Upadhyay 05/04/2023

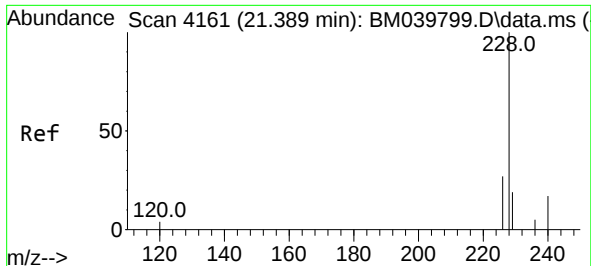


#20
Pyrene
Concen: 13.484 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07



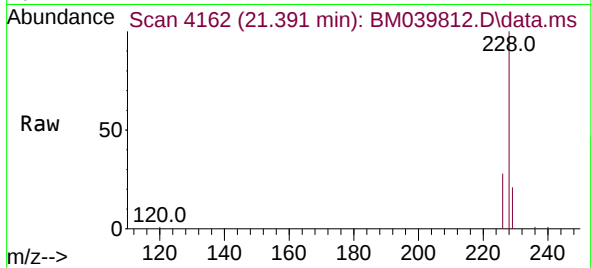
Tgt Ion:202 Resp: 398827
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 9.8 8.9 13.3





#21
Benzo(a)anthracene
Concen: 9.012 ng/ul
RT: 21.391 min Scan# 4162
Delta R.T. 0.001 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

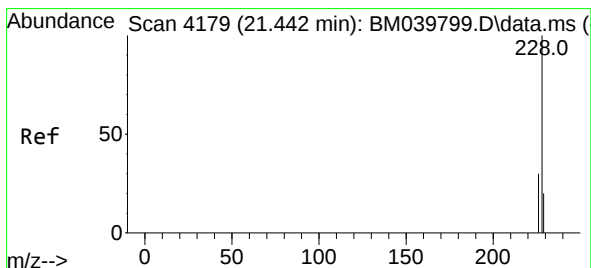
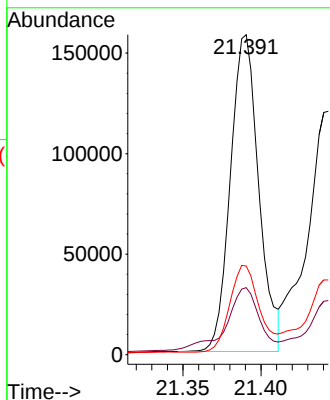
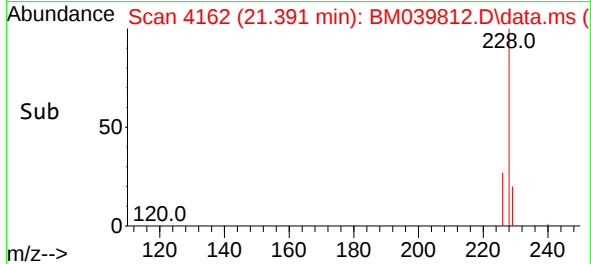
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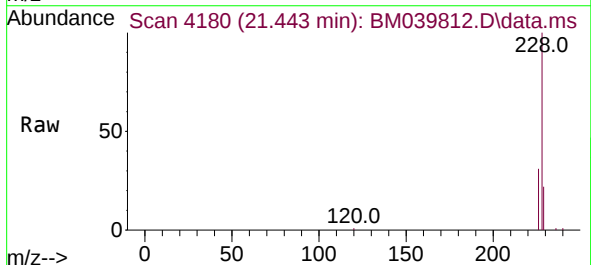
Tgt Ion:228 Resp: 198928
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 27.7 21.6 32.4

Manual Integrations
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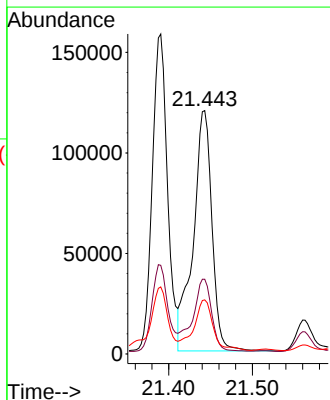
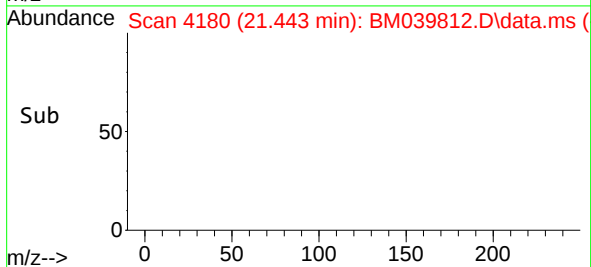
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

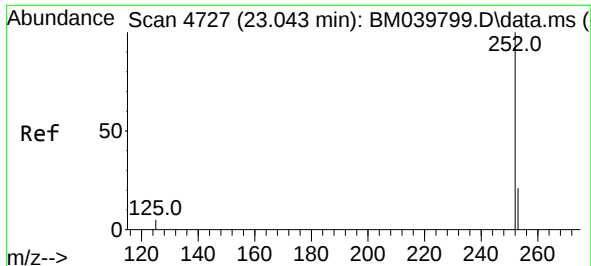


#22
Chrysene
Concen: 7.437 ng/ul
RT: 21.443 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07



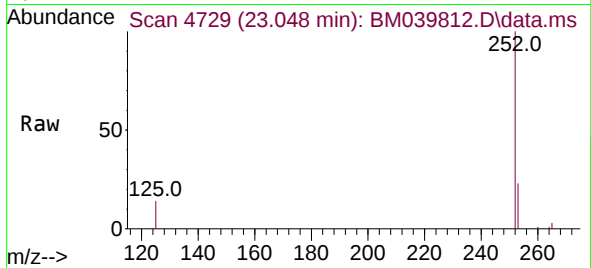
Tgt Ion:228 Resp: 185775
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 7.556 ng/ul m
RT: 23.048 min Scan# 4727
Delta R.T. 0.004 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

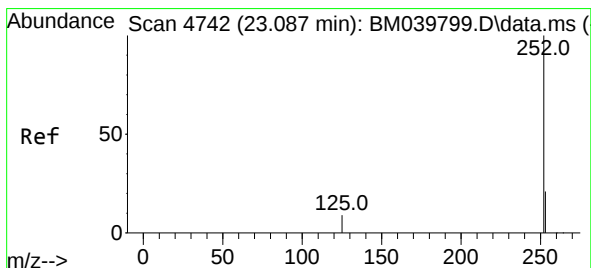
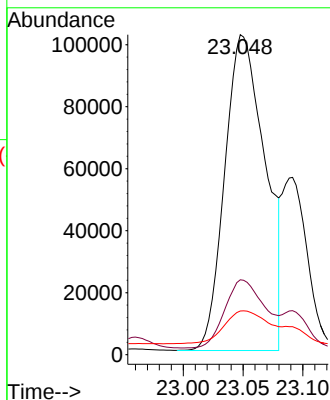
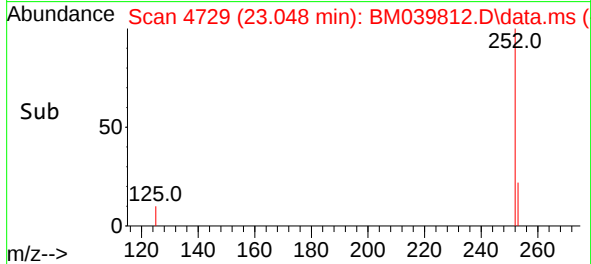
Instrument :
BNA_M
ClientSampleId :
EW922DL



Tgt Ion:252 Resp: 23936
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 13.6 0.0 31.6

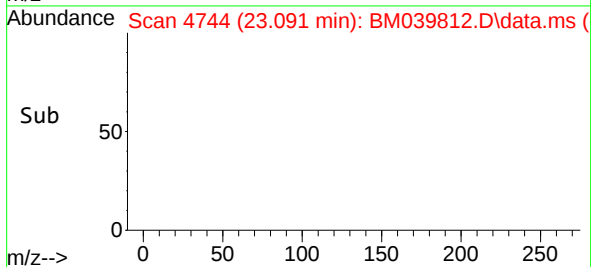
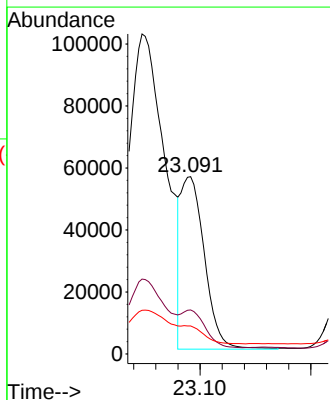
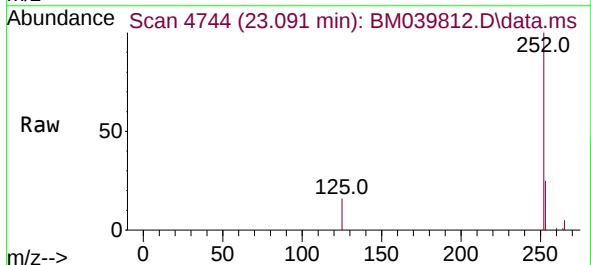
Manual Integrations
APPROVED

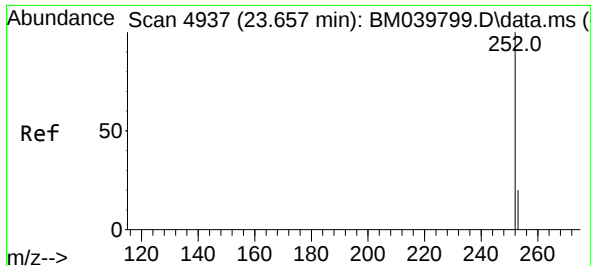
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#25
Benzo(k)fluoranthene
Concen: 2.558 ng/ul m
RT: 23.091 min Scan# 4744
Delta R.T. 0.004 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

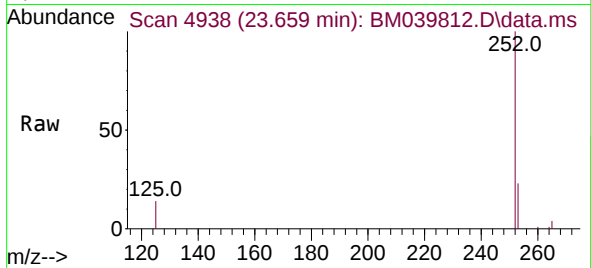
Tgt Ion:252 Resp: 82524
Ion Ratio Lower Upper
252 100
253 24.8 21.3 31.9
125 15.8 13.0 19.6





#26
Benzo(a)pyrene
Concen: 6.068 ng/u1
RT: 23.659 min Scan# 4937
Delta R.T. 0.001 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

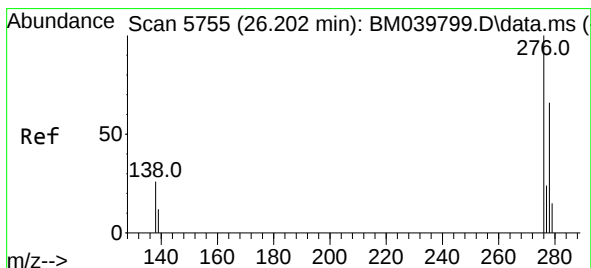
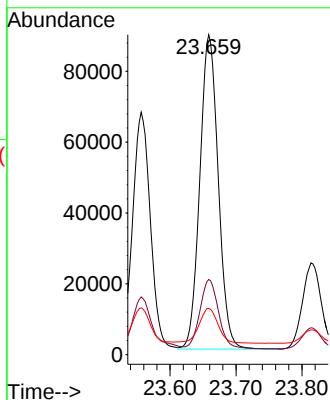
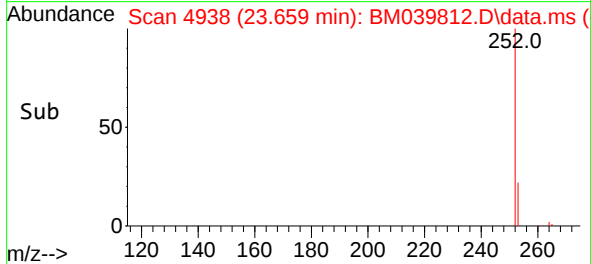
Instrument :
BNA_M
ClientSampleId :
EW922DL



Tgt Ion:252 Resp: 172604
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1
125 14.5 16.5 24.7

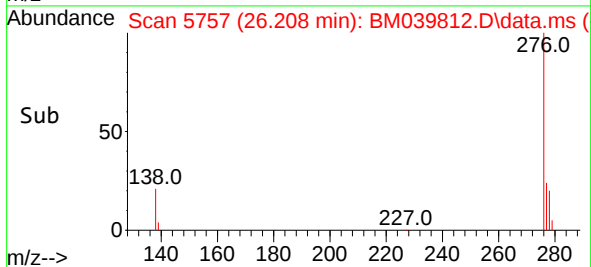
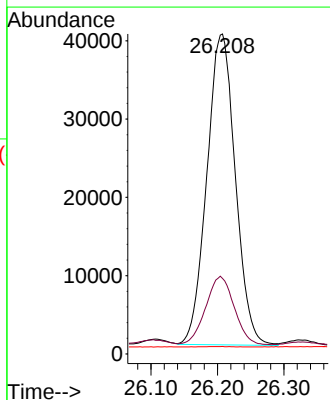
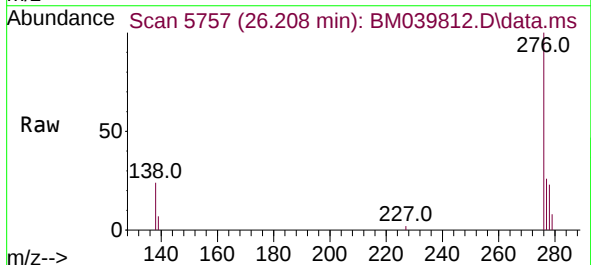
Manual Integrations
APPROVED

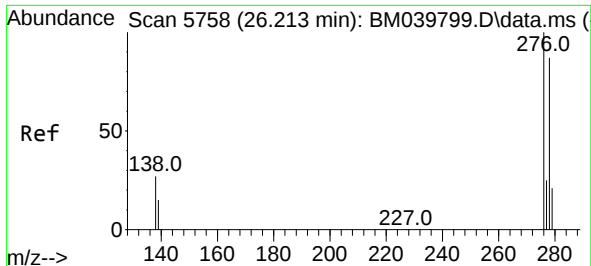
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.290 ng/u1
RT: 26.208 min Scan# 5757
Delta R.T. 0.005 min
Lab File: BM039812.D
Acq: 02 May 2023 21:07

Tgt Ion:276 Resp: 118343
Ion Ratio Lower Upper
276 100
138 21.9 21.1 31.7
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 1.100 ng/ul

RT: 26.208 min Scan# 5

Delta R.T. -0.005 min

Lab File: BM039812.D

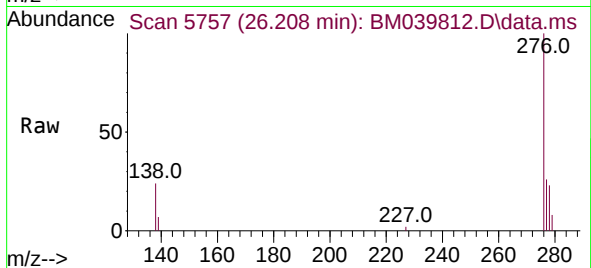
Acq: 02 May 2023 21:07

Instrument :

BNA_M

ClientSampleId :

EW922DL



Tgt Ion:278 Resp: 30720

Ion Ratio Lower Upper

278 100

139 30.9 17.0 25.6

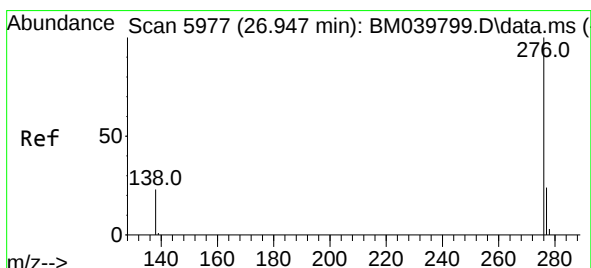
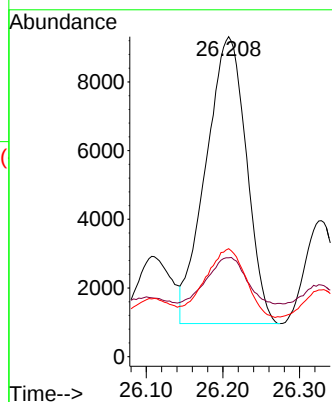
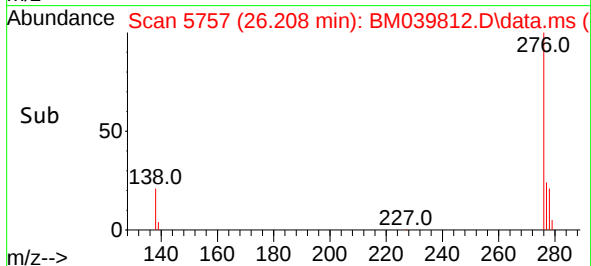
279 33.8 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#29

Benzo(g,h,i)perylene

Concen: 3.345 ng/ul

RT: 26.959 min Scan# 5981

Delta R.T. 0.012 min

Lab File: BM039812.D

Acq: 02 May 2023 21:07

Tgt Ion:276 Resp: 104819

Ion Ratio Lower Upper

276 100

138 24.9 20.1 30.1

277 25.7 20.1 30.1

