

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042110.D
 Acq On : 28 Sep 2023 12:23
 Operator : MA/JU
 Sample : 04417-35
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYN4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 15:58:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2800	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	7747	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.583	164	4026	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.337	188	8811	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.512	240	5682	0.400	ng/ul	-0.01
23) Perylene-d12	23.915	264	7336	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	7735	2.027	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2486	0.256	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	4664	0.199	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	251974	9.709	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	270127	17.461	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	132948	8.465	ng/ul	99
10) Acenaphthylene	14.310	152	112081	4.154	ng/ul#	97
11) Acenaphthene	14.657	153	12009	0.581	ng/ul#	53
12) Fluorene	15.651	166	8457	0.363	ng/ul#	1
15) Phenanthrene	17.379	178	470877	11.523	ng/ul	100
16) Anthracene	17.472	178	152319	4.314	ng/ul	99
19) Fluoranthene	19.394	202	1549753	24.131	ng/ul	97
20) Pyrene	19.761	202	1336035	21.160	ng/ul	95
21) Benzo(a)anthracene	21.495	228	847484	19.670	ng/ul	98
22) Chrysene	21.550	228	772450	17.355	ng/ul	97
24) Benzo(b)fluoranthene	23.178	252	1136098	20.120	ng/ul	88
25) Benzo(k)fluoranthene	23.222	252	456512m	8.315	ng/ul	
26) Benzo(a)pyrene	23.810	252	815182	17.562	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.397	276	626831	9.832	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.407	278	157728	3.425	ng/ul	93
29) Benzo(g,h,i)perylene	27.176	276	503346	9.388	ng/ul	93

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

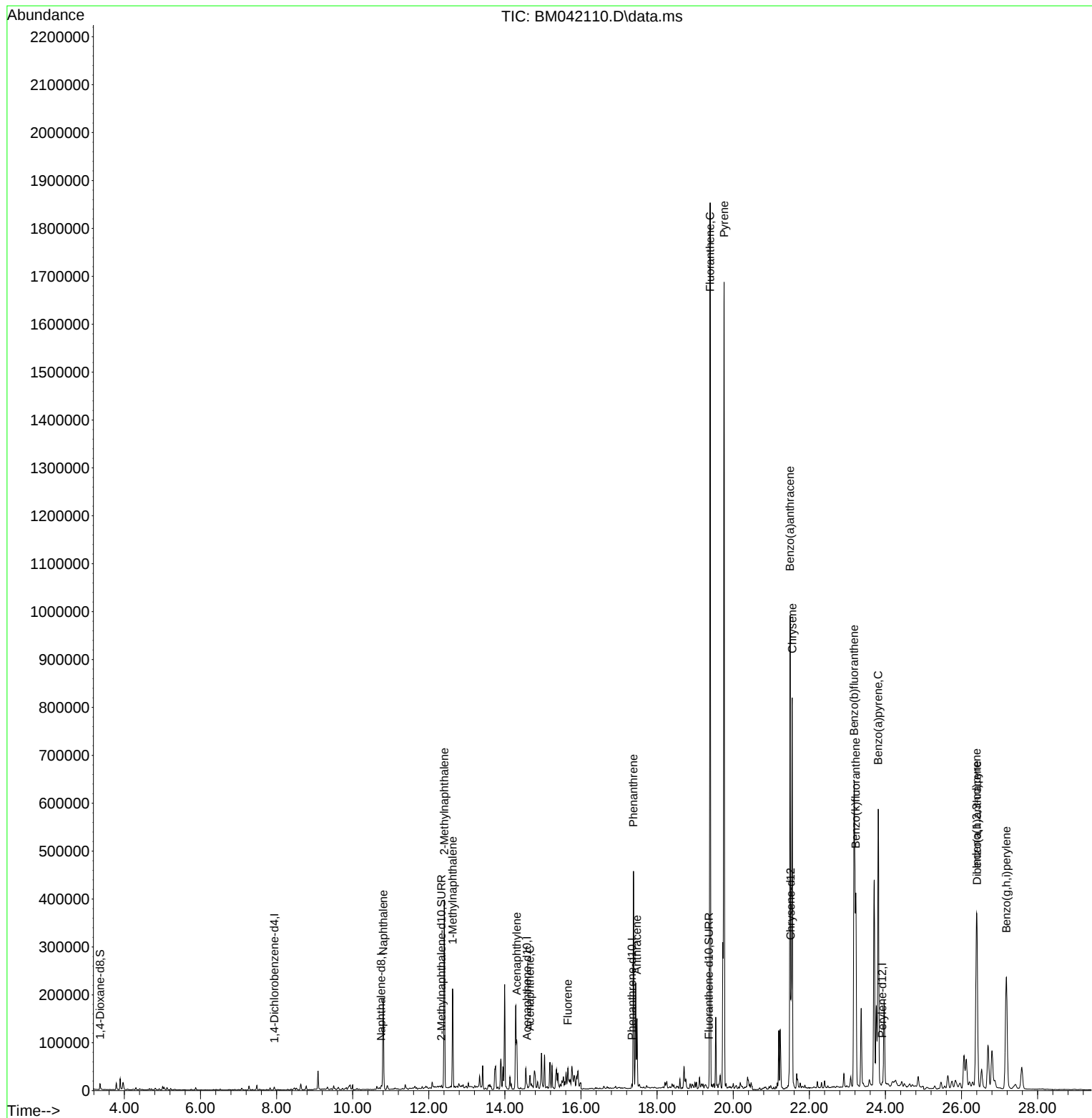
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042110.D
Acq On : 28 Sep 2023 12:23
Operator : MA/JU
Sample : 04417-35
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ALS Vial : 8 Sample Multiplier: 1

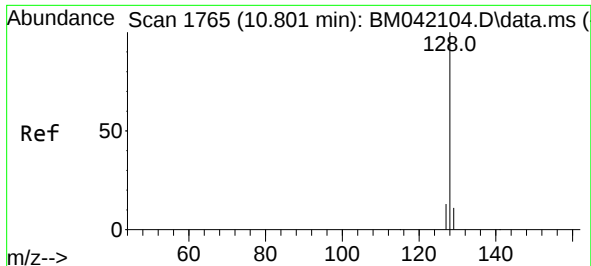
Instrument :
BNA_M
ClientSampleId :
EZYN4

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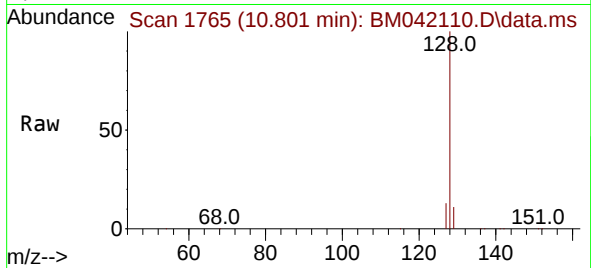
Quant Time: Sep 28 15:58:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 9.709 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

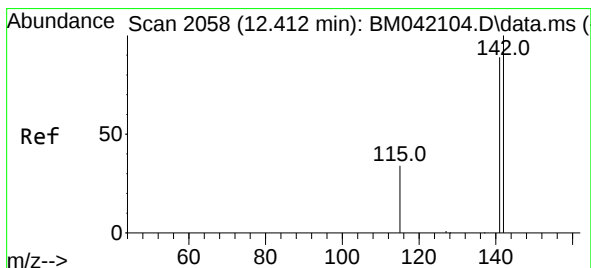
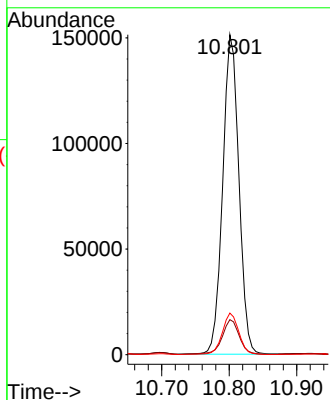
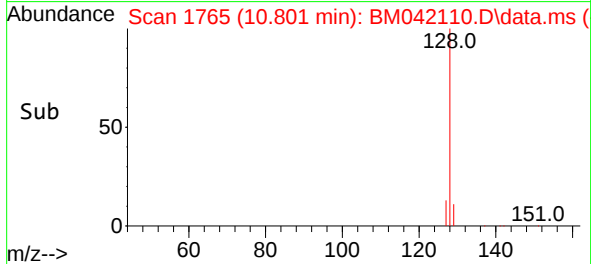
Instrument :
BNA_M
ClientSampleId :
EZYN4



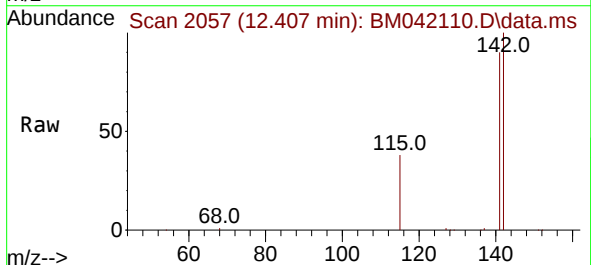
Tgt Ion:128 Resp: 251974
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.0 10.8 16.2

Manual Integrations
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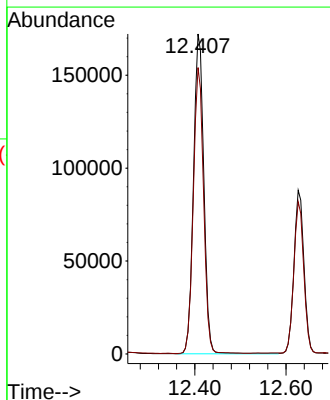
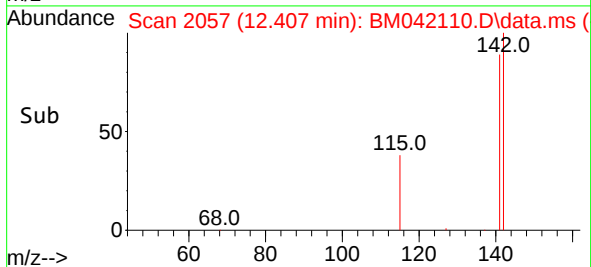
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

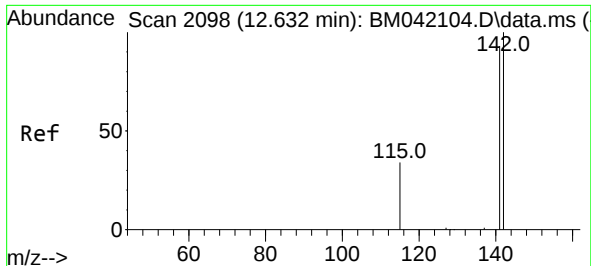


#7
2-Methylnaphthalene
Concen: 17.461 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.017 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23



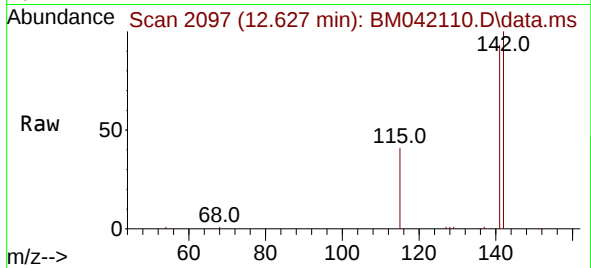
Tgt Ion:142 Resp: 270127
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 8.465 ng/ul
RT: 12.627 min Scan# 2098
Delta R.T. -0.017 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

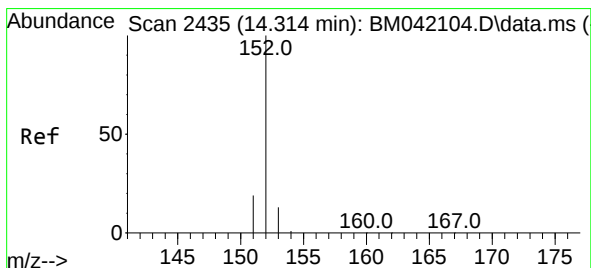
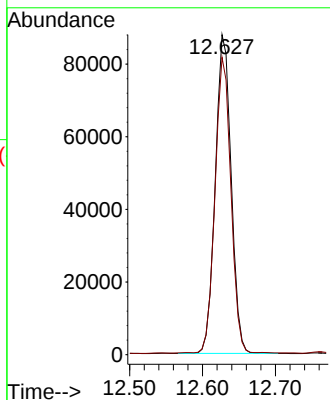
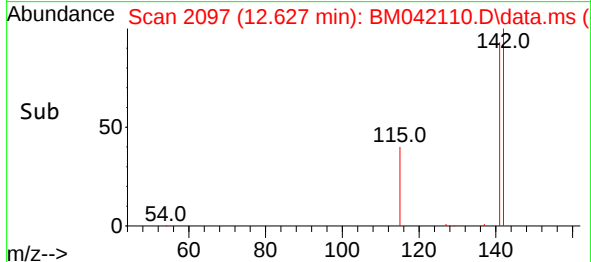
Instrument :
BNA_M
ClientSampleId :
EZYN4



Tgt Ion:142 Resp: 132948
Ion Ratio Lower Upper
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141 92.8 75.1 112.7

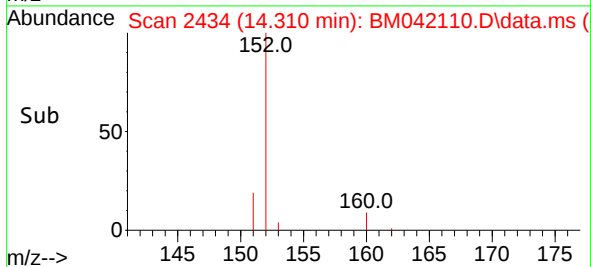
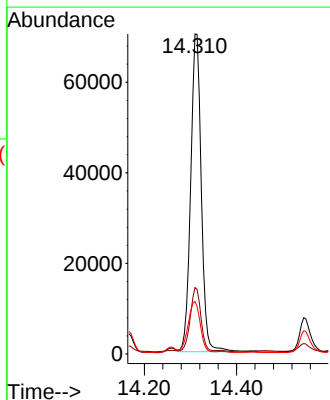
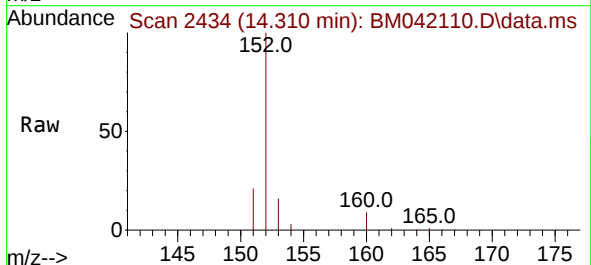
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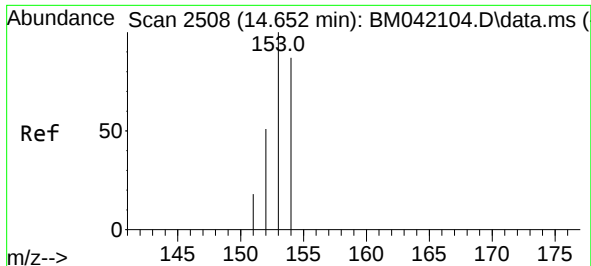
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 4.154 ng/ul
RT: 14.310 min Scan# 2434
Delta R.T. -0.019 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

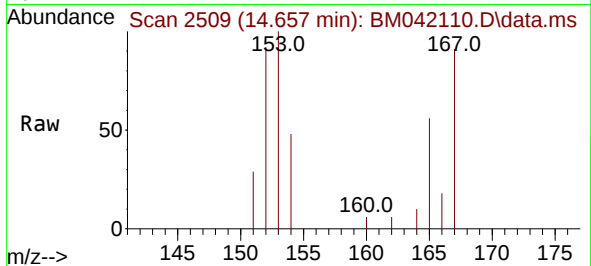
Tgt Ion:152 Resp: 112081
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 16.4 10.8 16.2#





#11
Acenaphthene
Concen: 0.581 ng/u1
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

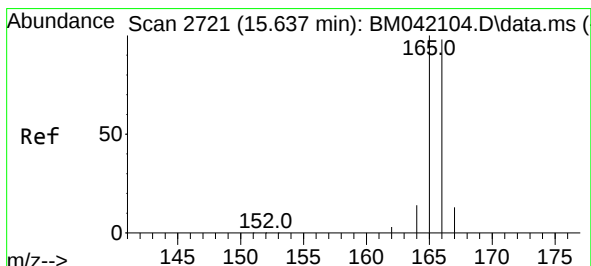
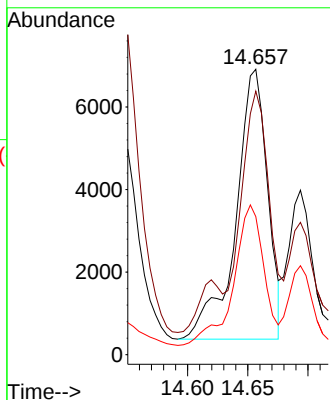
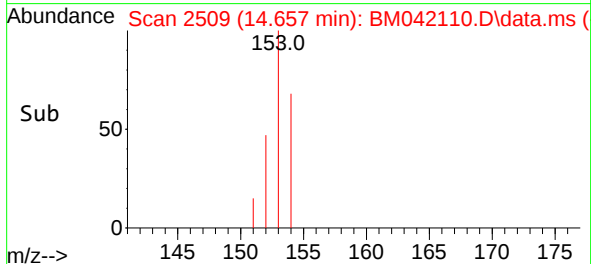
Instrument :
BNA_M
ClientSampleId :
EZYN4



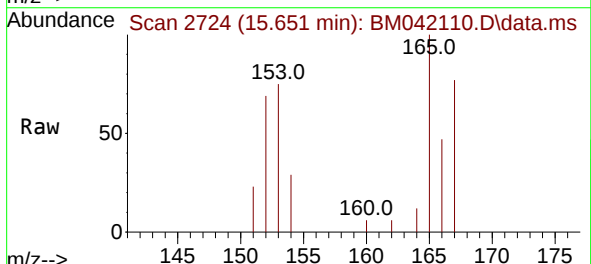
Tgt Ion:153 Resp: 12009
Ion Ratio Lower Upper
153 100
152 92.3 41.8 62.8#
154 48.4 69.0 103.6#

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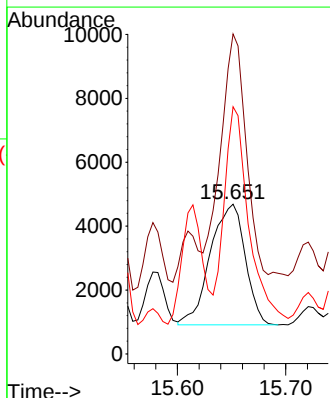
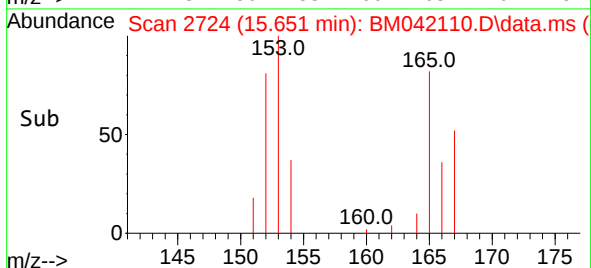
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

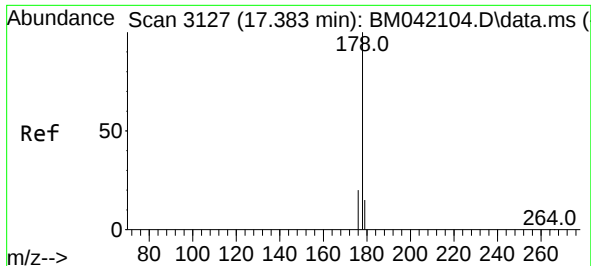


#12
Fluorene
Concen: 0.363 ng/u1
RT: 15.651 min Scan# 2724
Delta R.T. -0.000 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23



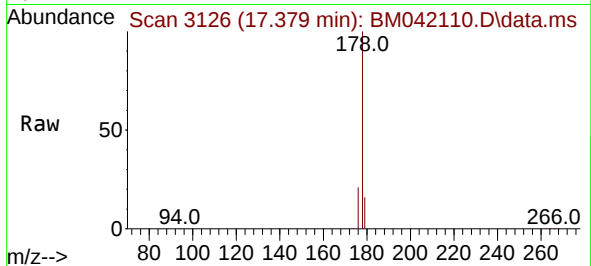
Tgt Ion:166 Resp: 8457
Ion Ratio Lower Upper
166 100
165 213.7 79.8 119.8#
167 165.1 11.1 16.7#





#15
Phenanthrene
Concen: 11.523 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.017 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

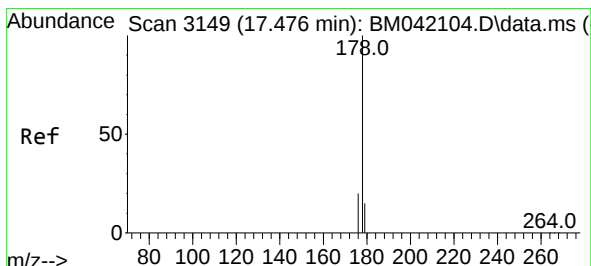
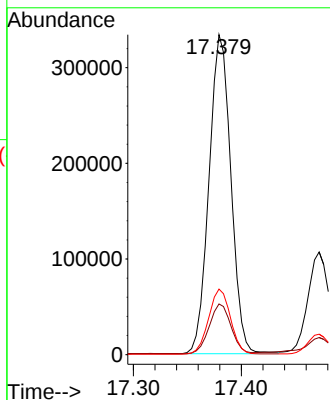
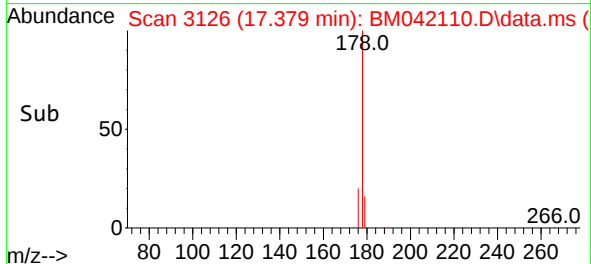
Instrument :
BNA_M
ClientSampleId :
EZYN4



Tgt Ion:178 Resp: 47087
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 20.5 16.6 24.8

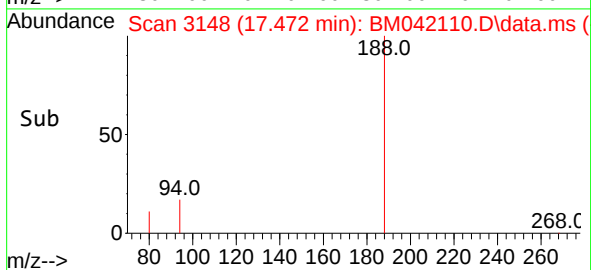
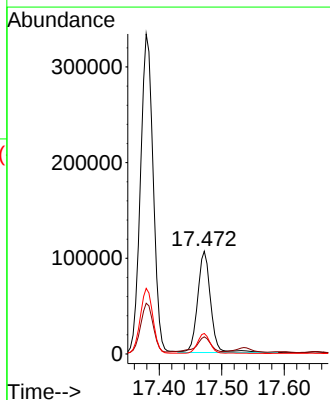
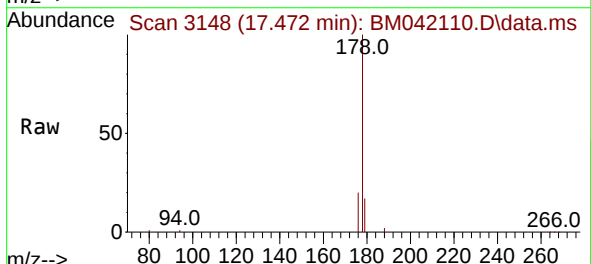
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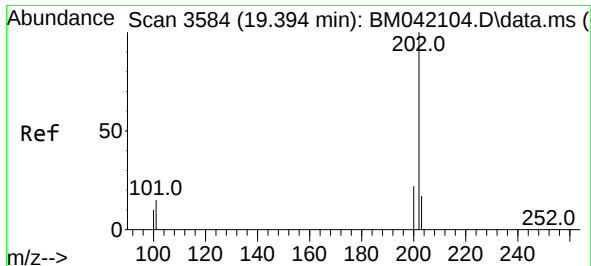
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#16
Anthracene
Concen: 4.314 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

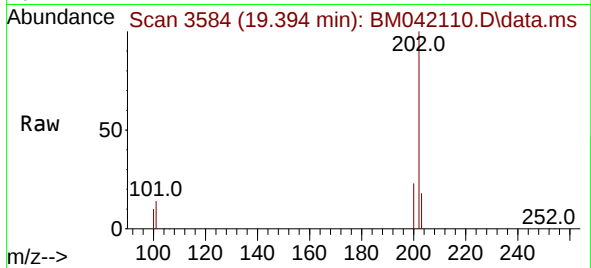
Tgt Ion:178 Resp: 152319
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.0 16.2 24.2





#19
Fluoranthene
Concen: 24.131 ng/u1
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

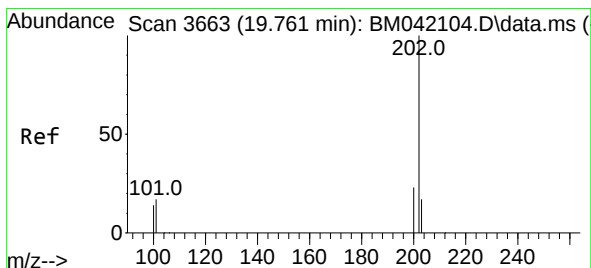
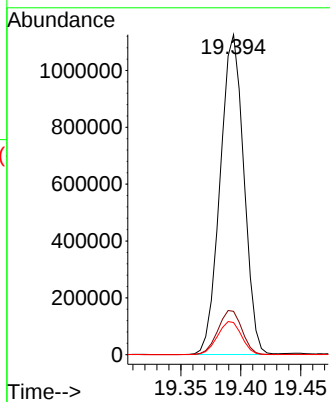
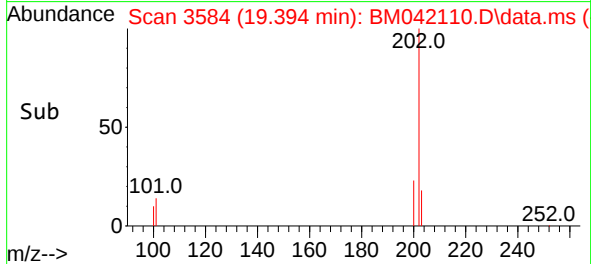
Instrument :
BNA_M
ClientSampleId :
EZYN4



Tgt Ion:202 Resp: 154975
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.0 9.1 13.7

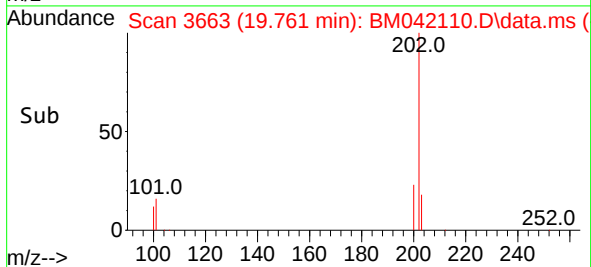
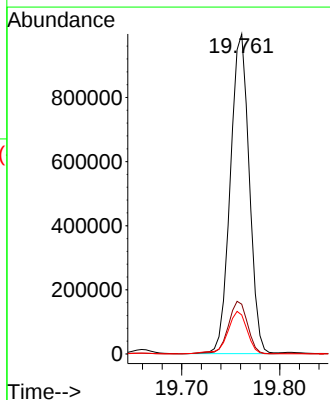
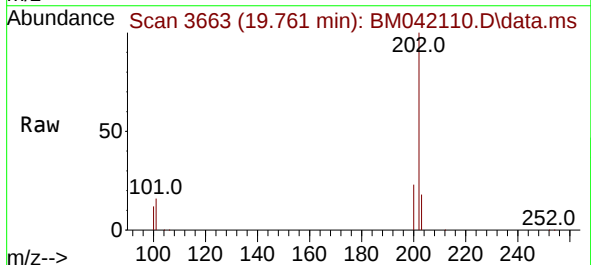
Manual Integrations
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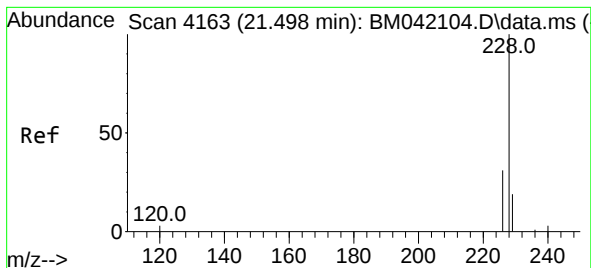
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 21.160 ng/u1
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

Tgt Ion:202 Resp: 1336035
Ion Ratio Lower Upper
202 100
101 15.5 14.1 21.1
100 12.2 11.4 17.0





#21

Benzo(a)anthracene

Concen: 19.670 ng/ul

RT: 21.495 min Scan# 4163

Delta R.T. -0.012 min

Lab File: BM042110.D

Acq: 28 Sep 2023 12:23

Instrument :

BNA_M

ClientSampleId :

EZYN4

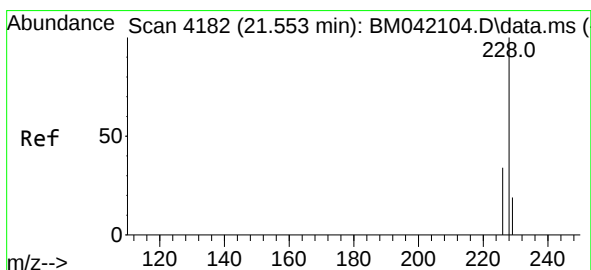
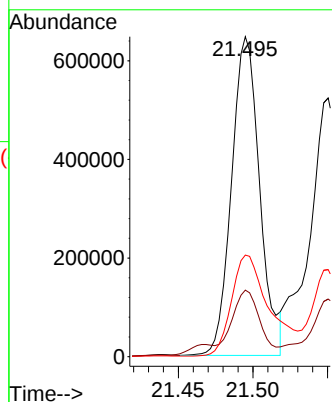
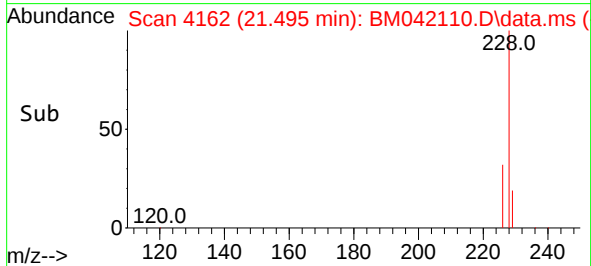
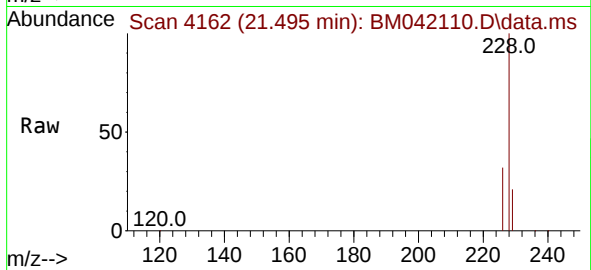
Tgt Ion:228	Resp: 847484
Ion Ratio	Lower Upper
228 100	
229 20.8	15.5 23.3
226 31.8	24.8 37.2

Manual Integrations

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Supervised By :mohammad ahmed 10/03/2023



#22

Chrysene

Concen: 17.355 ng/ul

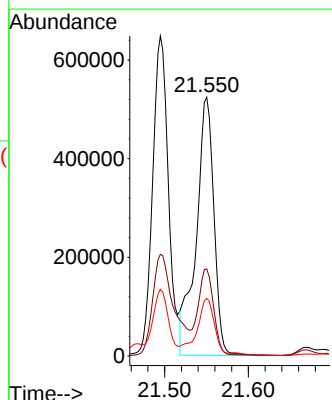
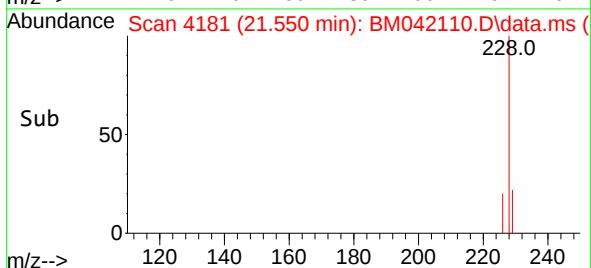
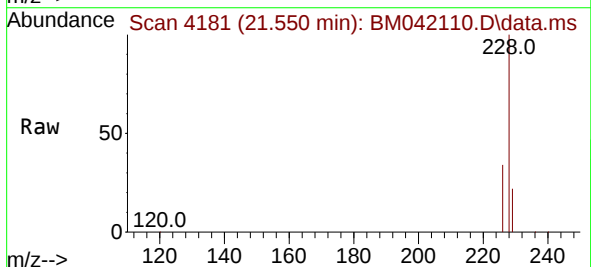
RT: 21.550 min Scan# 4181

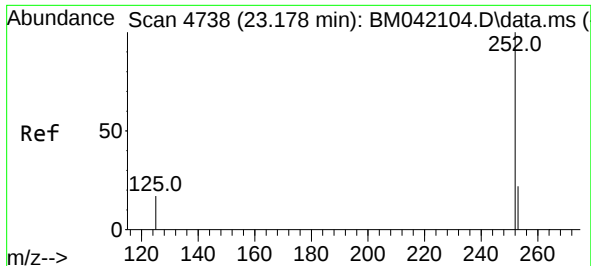
Delta R.T. -0.012 min

Lab File: BM042110.D

Acq: 28 Sep 2023 12:23

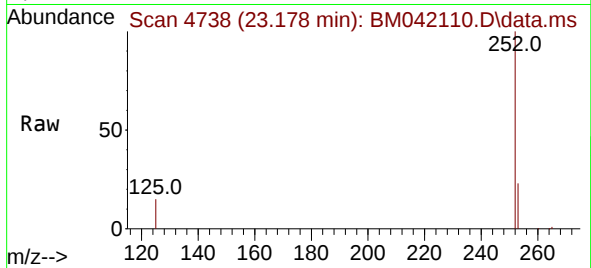
Tgt Ion:228	Resp: 772450
Ion Ratio	Lower Upper
228 100	
226 33.6	27.8 41.6
229 22.3	15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 20.120 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.012 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

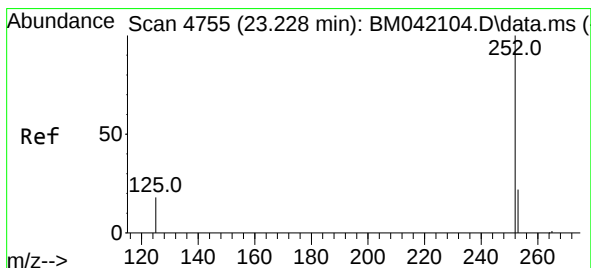
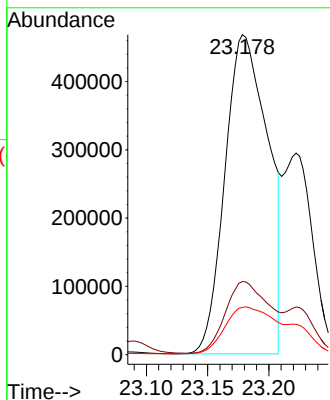
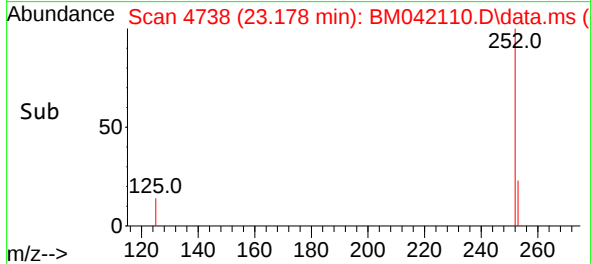
Instrument :
BNA_M
ClientSampleId :
EZYN4



Tgt Ion:252 Resp: 1136098
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.4
125 14.8 0.0 46.2

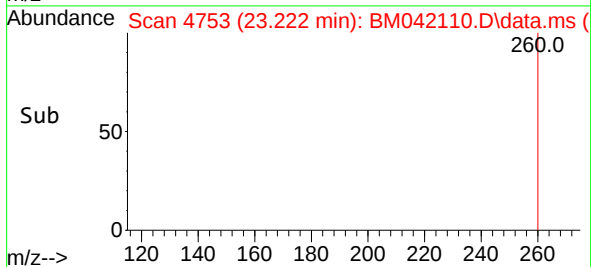
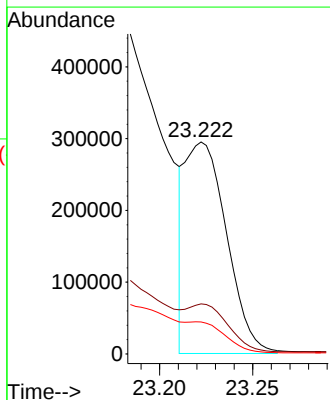
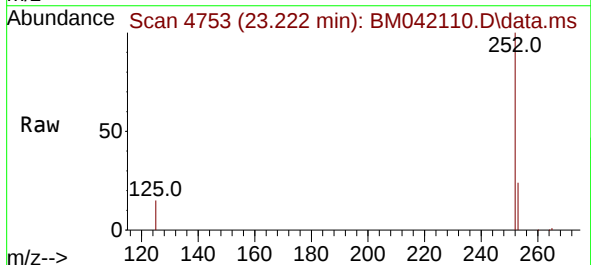
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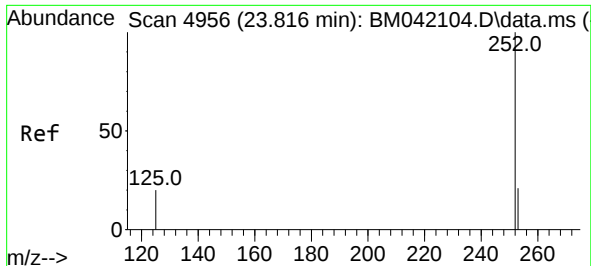
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#25
Benzo(k)fluoranthene
Concen: 8.315 ng/ul m
RT: 23.222 min Scan# 4753
Delta R.T. -0.018 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

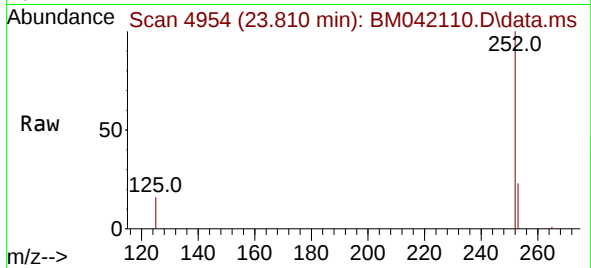
Tgt Ion:252 Resp: 456512
Ion Ratio Lower Upper
252 100
253 23.6 21.0 31.6
125 15.1 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 17.562 ng/ul
RT: 23.810 min Scan# 4956
Delta R.T. -0.018 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

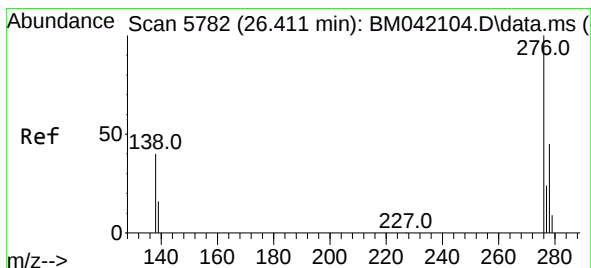
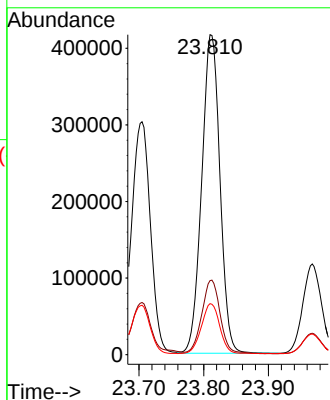
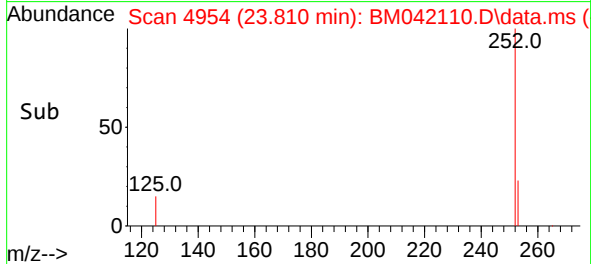
Instrument :
BNA_M
ClientSampleId :
EZYN4



Tgt Ion:252 Resp: 81518
Ion Ratio Lower Upper
252 100
253 23.1 23.2 34.8
125 15.9 22.5 33.7

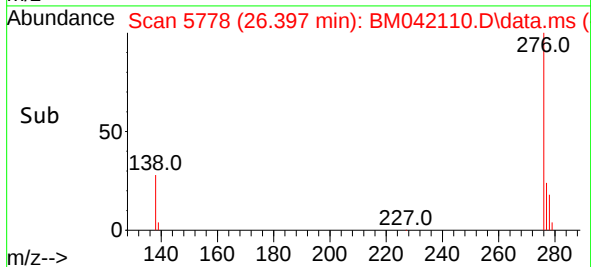
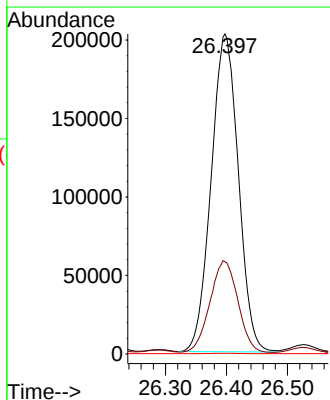
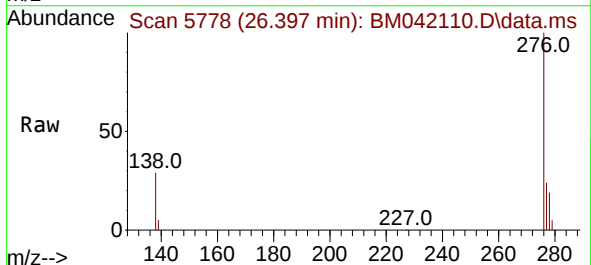
Manual Integrations
APPROVED

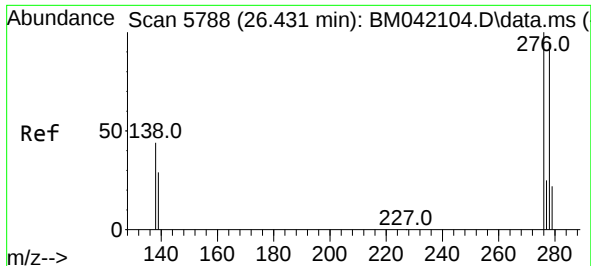
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.832 ng/ul
RT: 26.397 min Scan# 5778
Delta R.T. -0.034 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

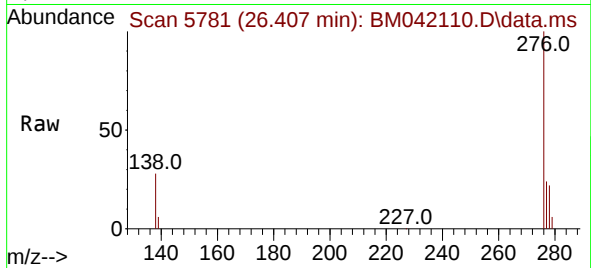
Tgt Ion:276 Resp: 626831
Ion Ratio Lower Upper
276 100
138 29.5 32.1 48.1#
227 0.2 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 3.425 ng/ul
RT: 26.407 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

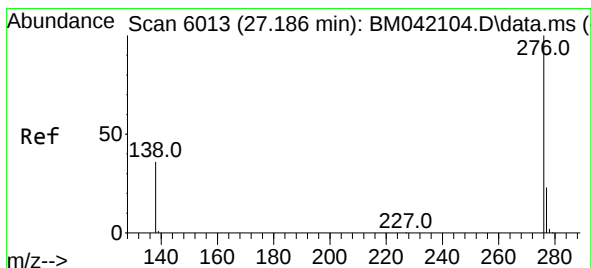
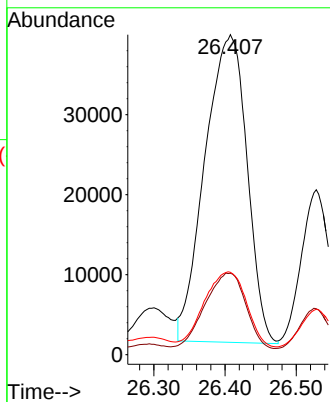
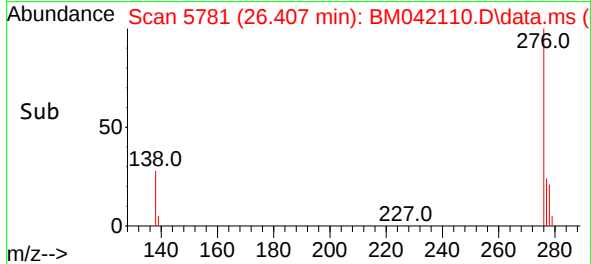
Instrument :
BNA_M
ClientSampleId :
EZYN4



Tgt Ion:278 Resp: 157728
Ion Ratio Lower Upper
278 100
139 25.5 25.0 37.6
279 25.7 21.7 32.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 9.388 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.034 min
Lab File: BM042110.D
Acq: 28 Sep 2023 12:23

Tgt Ion:276 Resp: 503346
Ion Ratio Lower Upper
276 100
138 29.8 29.0 43.4
277 23.8 19.6 29.4

