

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042109.D
 Acq On : 28 Sep 2023 11:47
 Operator : MA/JU
 Sample : 04417-34
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYN3

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 12:22:09 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	3056	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	8359	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.587	164	4373	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.337	188	9818	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.509	240	6570	0.400	ng/ul	-0.01
23) Perylene-d12	23.912	264	7536	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	12378	2.972	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3461	0.331	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	6273	0.232	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	21992	0.785	ng/ul	98
7) 2-Methylnaphthalene	12.407	142	87027	5.213	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	52506	3.098	ng/ul	98
10) Acenaphthylene	14.305	152	9492	0.324	ng/ul#	17
11) Acenaphthene	14.657	153	13419	0.598	ng/ul#	56
12) Fluorene	15.656	166	4558	0.180	ng/ul#	1
15) Phenanthrene	17.379	178	147737	3.244	ng/ul	99
16) Anthracene	17.472	178	7376	0.187	ng/ul#	73
19) Fluoranthene	19.389	202	84095	1.132	ng/ul	99
20) Pyrene	19.757	202	77457	1.061	ng/ul	99
21) Benzo(a)anthracene	21.495	228	39842	0.800	ng/ul	98
22) Chrysene	21.547	228	43696	0.849	ng/ul	98
24) Benzo(b)fluoranthene	23.172	252	73436	1.266	ng/ul	95
25) Benzo(k)fluoranthene	23.216	252	26755m	0.474	ng/ul	
26) Benzo(a)pyrene	23.807	252	37314	0.783	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.391	276	53463	0.816	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.404	278	12094	0.256	ng/ul#	89
29) Benzo(g,h,i)perylene	27.169	276	51413	0.933	ng/ul	96

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

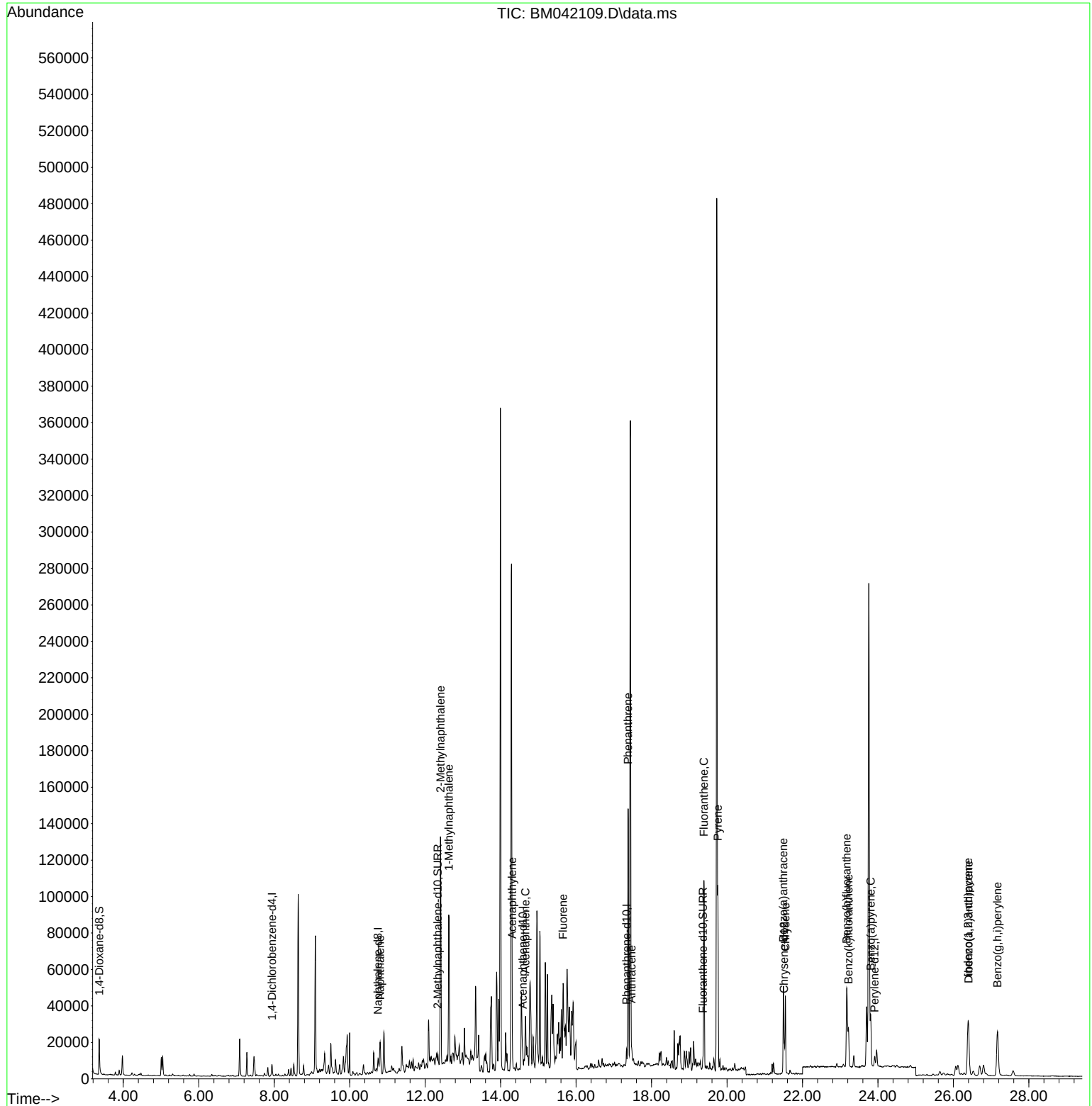
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042109.D
Acq On : 28 Sep 2023 11:47
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ALS Vial : 7 Sample Multiplier: 1

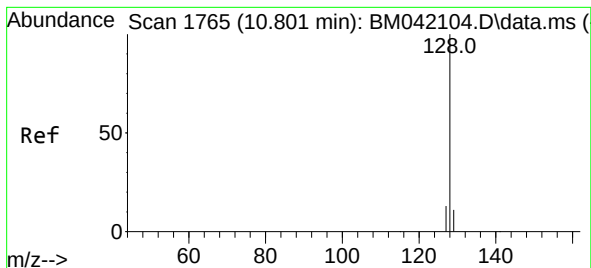
Instrument :
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ClientSampleId :
EZY3

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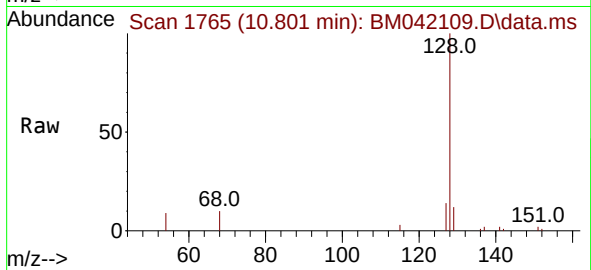
Quant Time: Sep 28 12:22:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.785 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

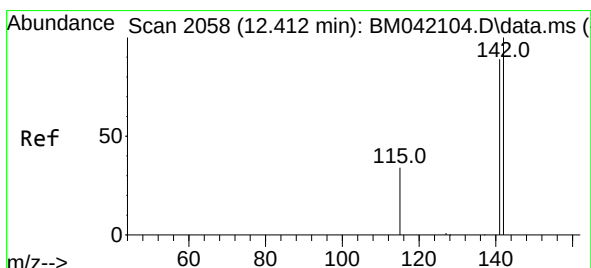
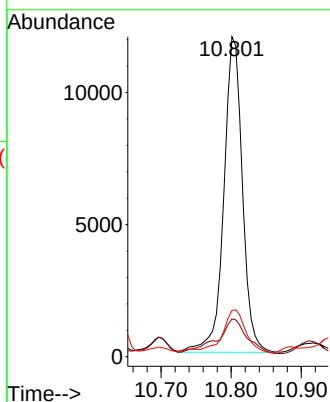
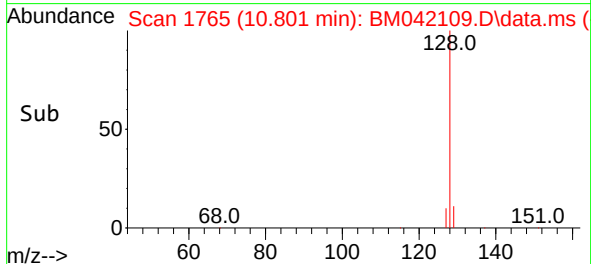
Instrument :
BNA_M
ClientSampleId :
EZY3



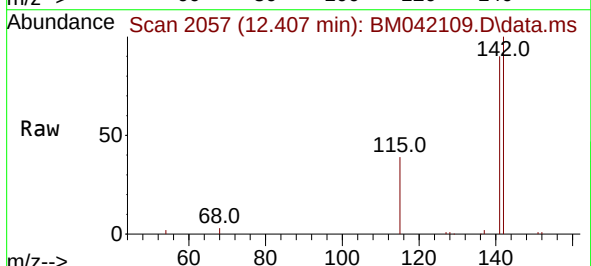
Tgt Ion:128 Resp: 21992
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.4 10.8 16.2

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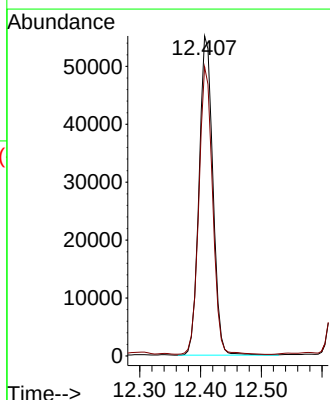
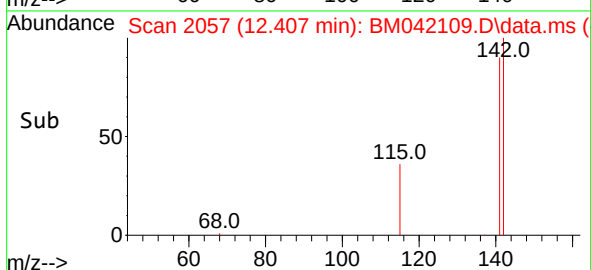
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

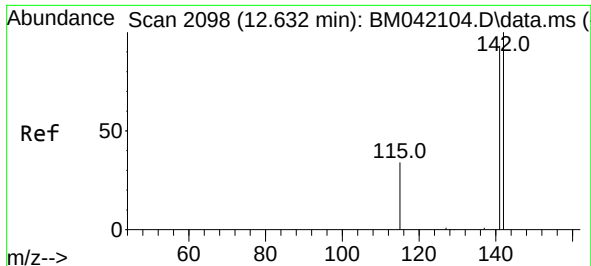


#7
2-Methylnaphthalene
Concen: 5.213 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.017 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47



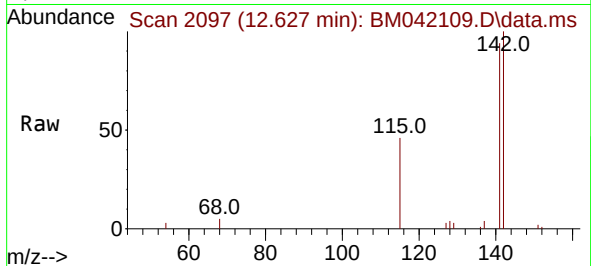
Tgt Ion:142 Resp: 87027
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 3.098 ng/ul
RT: 12.627 min Scan# 2098
Delta R.T. -0.017 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

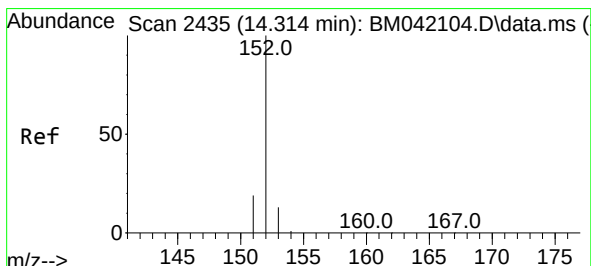
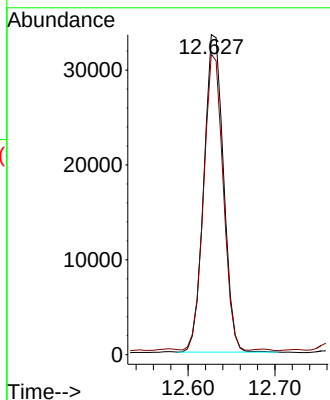
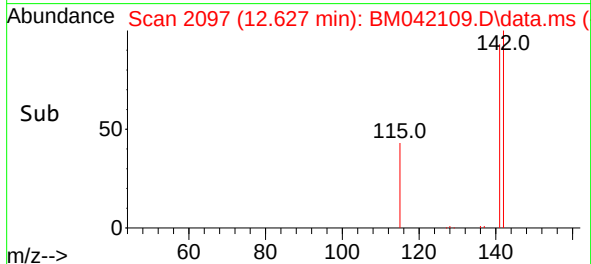
Instrument :
BNA_M
ClientSampleId :
EZYN3



Tgt Ion:142 Resp: 52500
Ion Ratio Lower Upper
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141 92.4 75.1 112.7

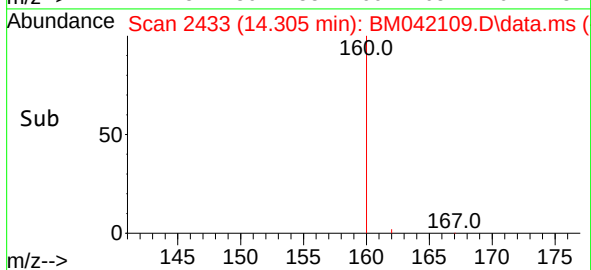
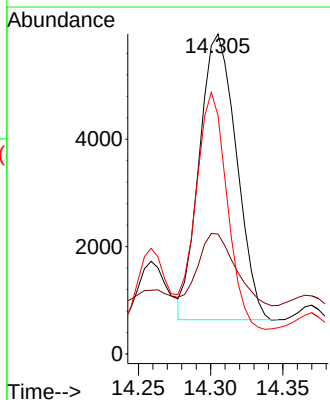
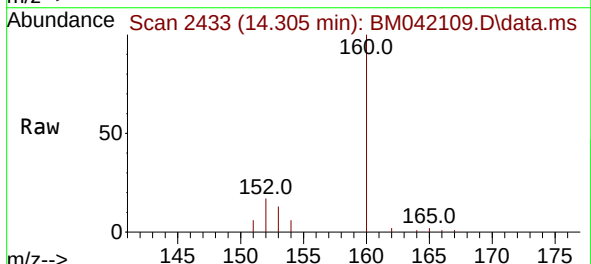
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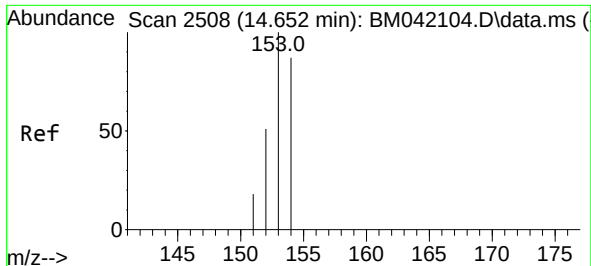
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.305 min Scan# 2433
Delta R.T. -0.023 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

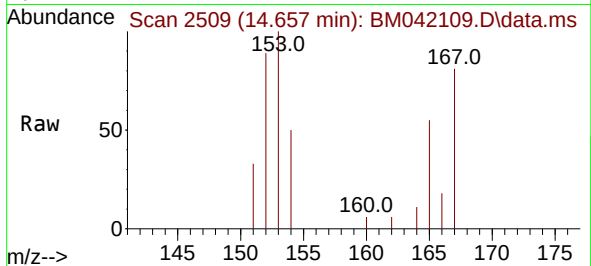
Tgt Ion:152 Resp: 9492
Ion Ratio Lower Upper
152 100
151 37.5 16.2 24.4#
153 74.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.598 ng/uI
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

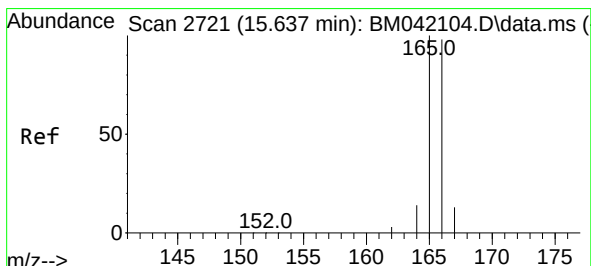
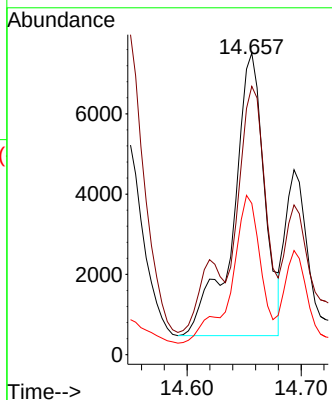
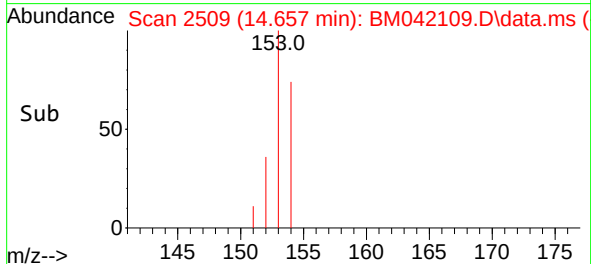
Instrument :
BNA_M
ClientSampleId :
EZYN3



Tgt Ion:153 Resp: 13419
Ion Ratio Lower Upper
153 100
152 88.9 41.8 62.8
154 50.1 69.0 103.6

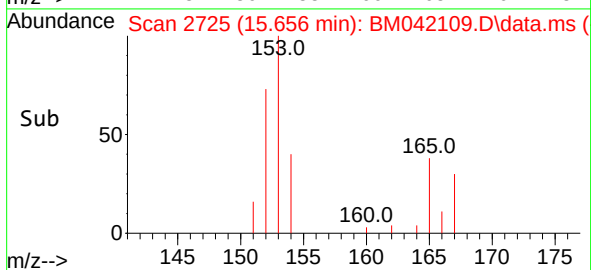
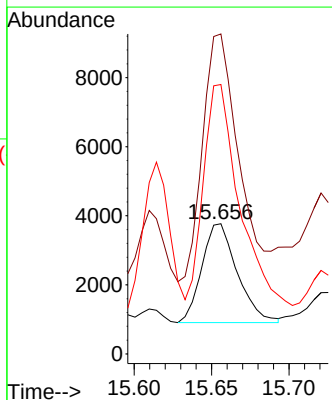
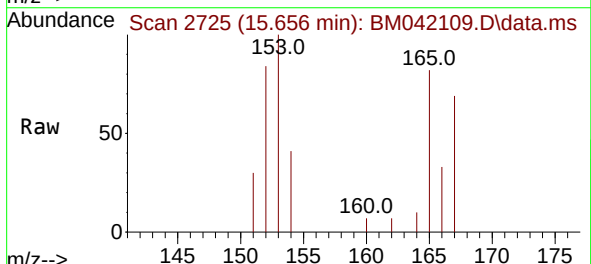
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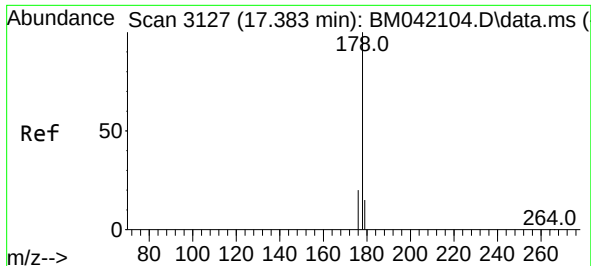
Reviewed By :Yogesh Patel 09/29/2023
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#12
Fluorene
Concen: 0.180 ng/uI
RT: 15.656 min Scan# 2725
Delta R.T. 0.005 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

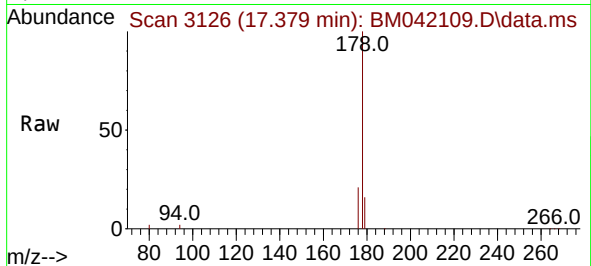
Tgt Ion:166 Resp: 4558
Ion Ratio Lower Upper
166 100
165 245.7 79.8 119.8#
167 206.9 11.1 16.7#





#15
Phenanthrene
Concen: 3.244 ng/ul
RT: 17.379 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

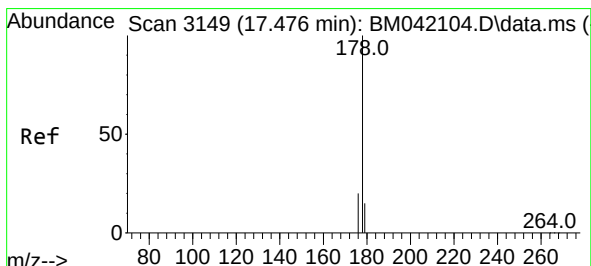
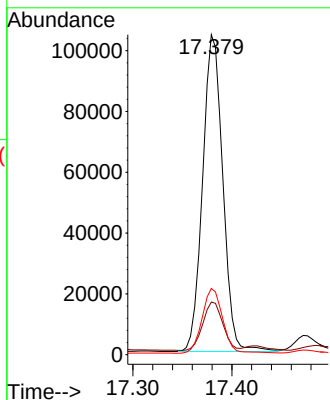
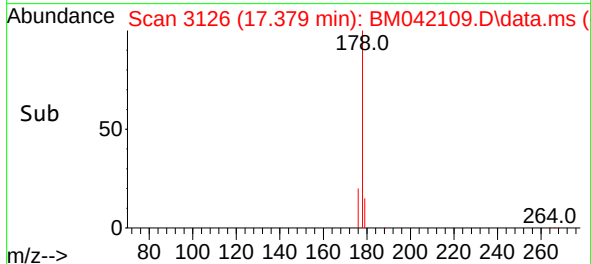
Instrument :
BNA_M
ClientSampleId :
EZYN3



Tgt Ion:178 Resp: 14773
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.7 16.6 24.8

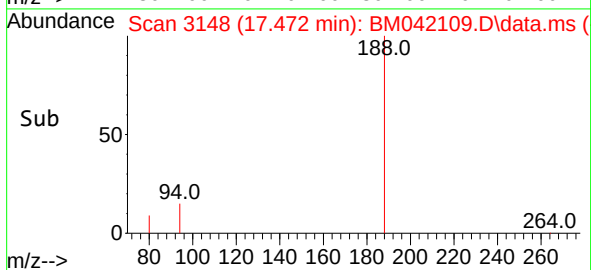
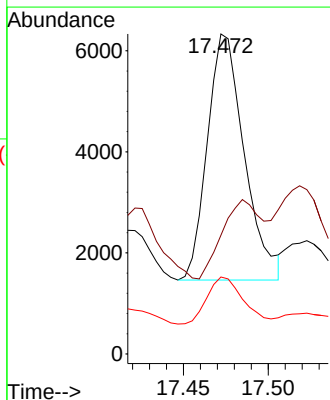
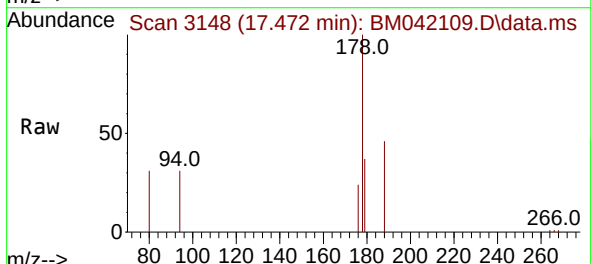
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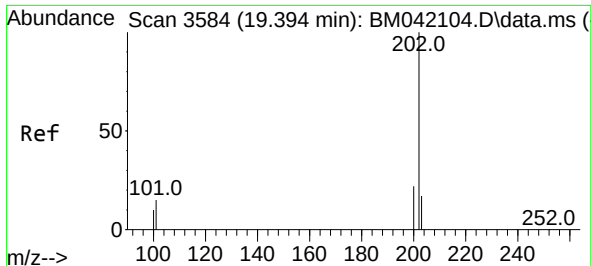
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#16
Anthracene
Concen: 0.187 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

Tgt Ion:178 Resp: 7376
Ion Ratio Lower Upper
178 100
179 37.1 12.9 19.3#
176 24.0 16.2 24.2





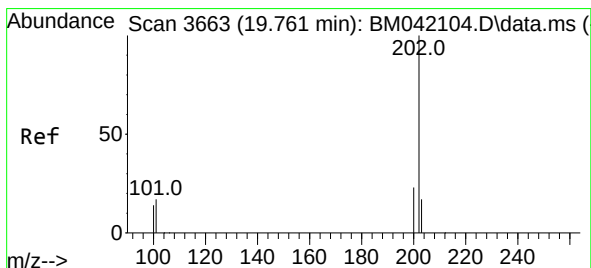
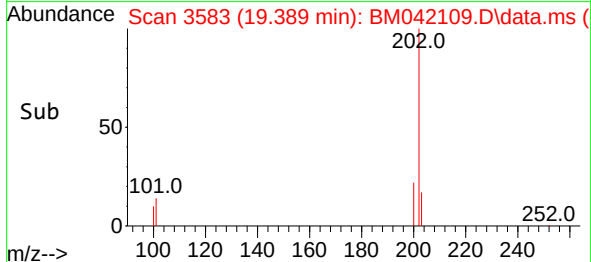
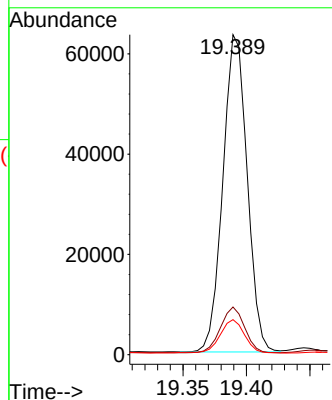
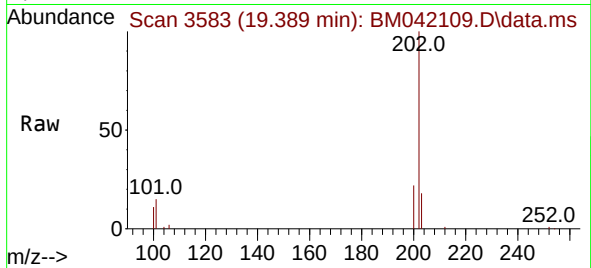
#19
Fluoranthene
Concen: 1.132 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

Instrument :
BNA_M
ClientSampleId :
EZYN3

Tgt Ion:202 Resp: 8409
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 11.0 9.1 13.7

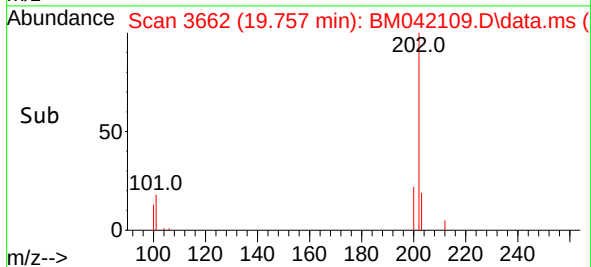
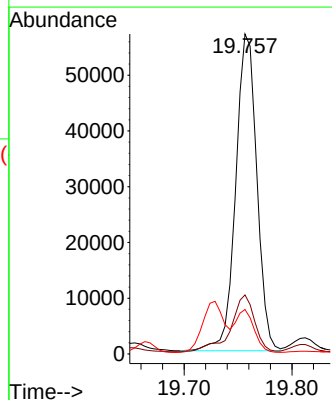
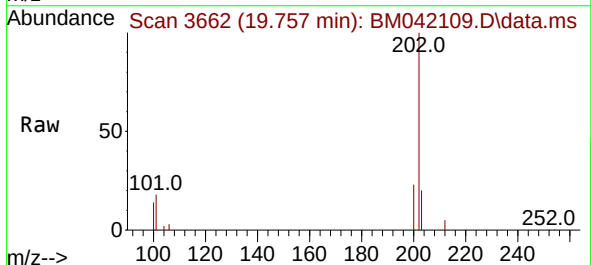
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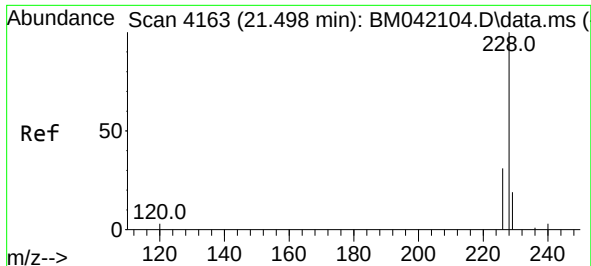
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 1.061 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

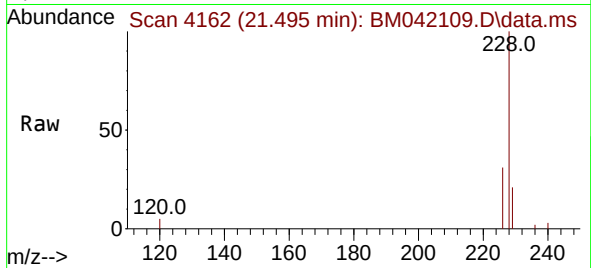
Tgt Ion:202 Resp: 77457
Ion Ratio Lower Upper
202 100
101 18.4 14.1 21.1
100 13.9 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.800 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.012 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

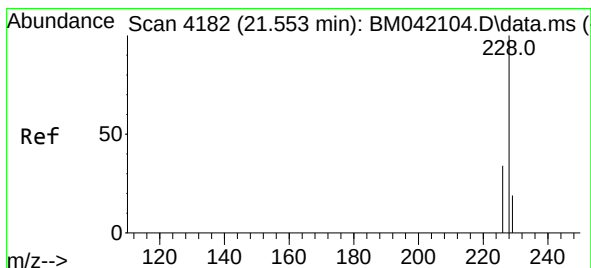
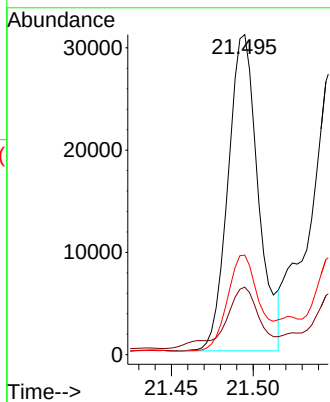
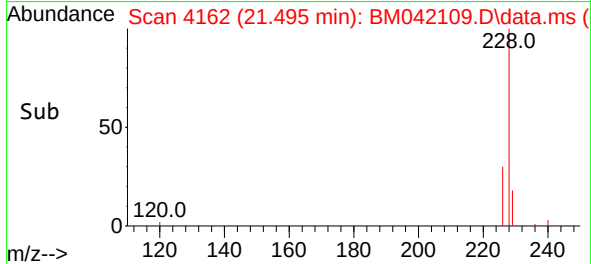
Instrument :
BNA_M
ClientSampleId :
EZYN3



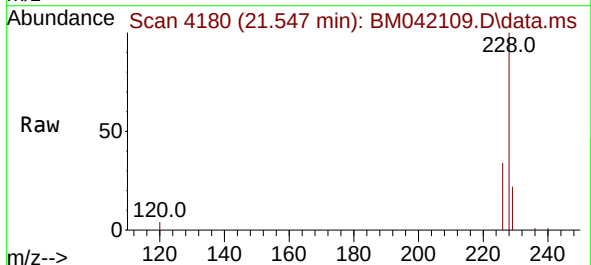
Tgt Ion:228 Resp: 3984
Ion Ratio Lower Upper
228 100
229 21.1 15.5 23.3
226 31.1 24.8 37.2

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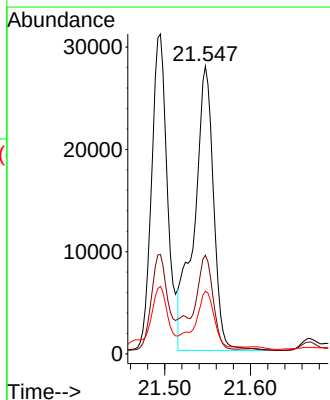
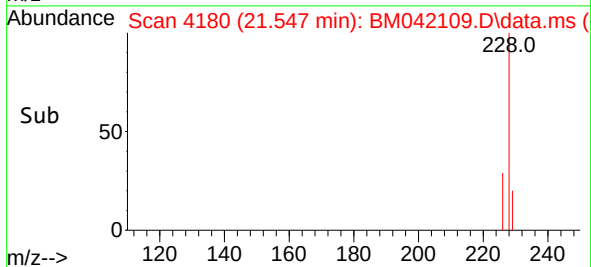
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

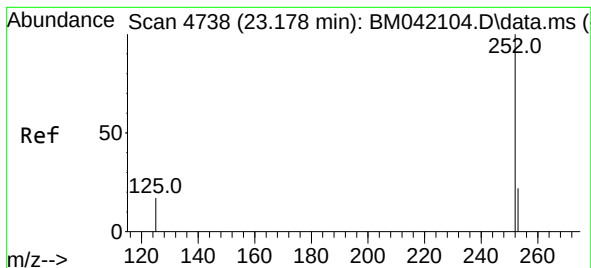


#22
Chrysene
Concen: 0.849 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.015 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47



Tgt Ion:228 Resp: 43696
Ion Ratio Lower Upper
228 100
226 34.3 27.8 41.6
229 21.8 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 1.266 ng/ul

RT: 23.172 min Scan# 4736

Delta R.T. -0.018 min

Lab File: BM042109.D

Acq: 28 Sep 2023 11:47

Instrument :

BNA_M

ClientSampleId :

EZYN3

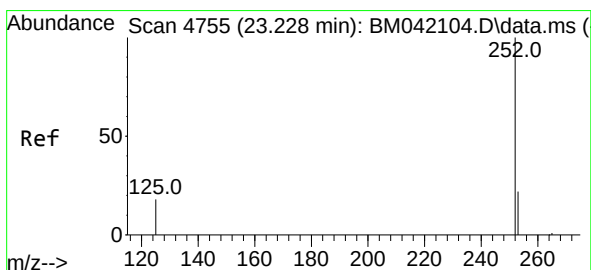
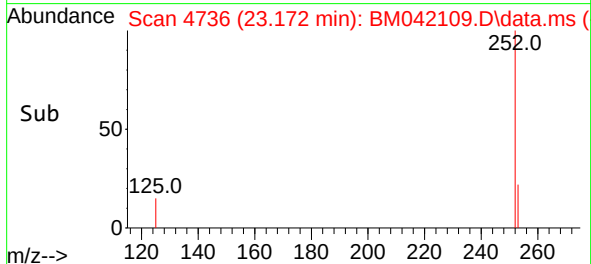
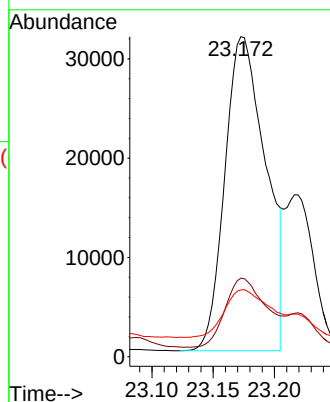
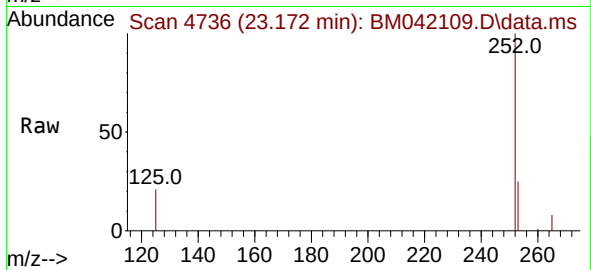
Tgt Ion:252	Resp:	73430
Ion Ratio	Lower	Upper
252	100	
253	24.6	0.0 54.4
125	20.9	0.0 46.2

Manual Integrations

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Supervised By :mohammad ahmed 10/03/2023



#25

Benzo(k)fluoranthene

Concen: 0.474 ng/ul m

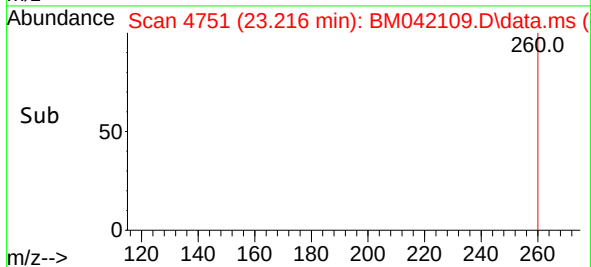
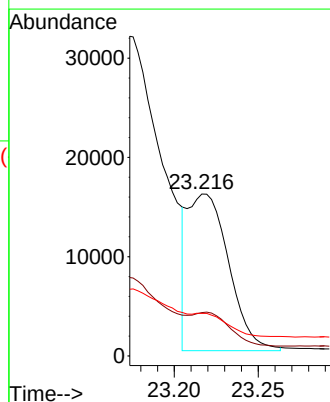
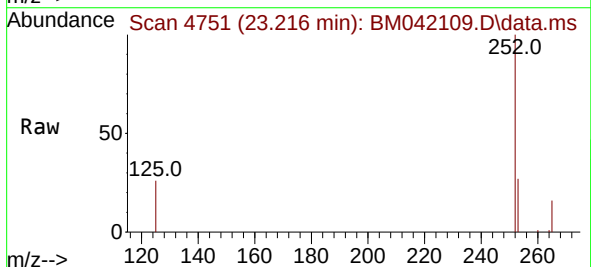
RT: 23.216 min Scan# 4751

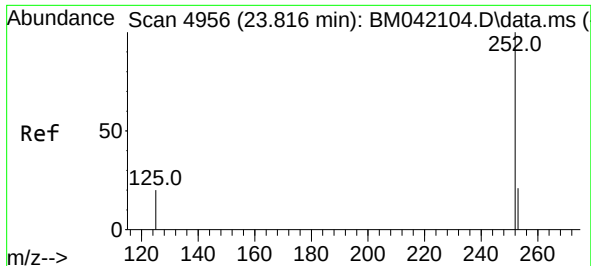
Delta R.T. -0.023 min

Lab File: BM042109.D

Acq: 28 Sep 2023 11:47

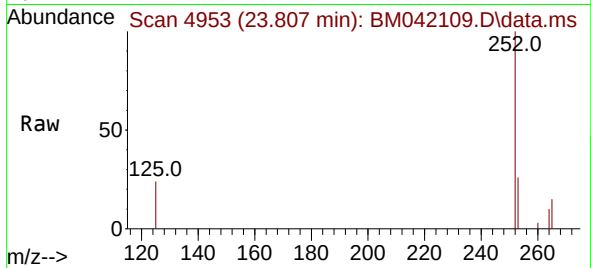
Tgt Ion:252	Resp:	26755
Ion Ratio	Lower	Upper
252	100	
253	26.8	21.0 31.6
125	26.3	19.0 28.6





#26
Benzo(a)pyrene
Concen: 0.783 ng/ul
RT: 23.807 min Scan# 4953
Delta R.T. -0.021 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

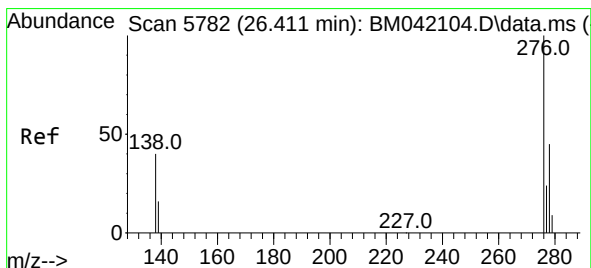
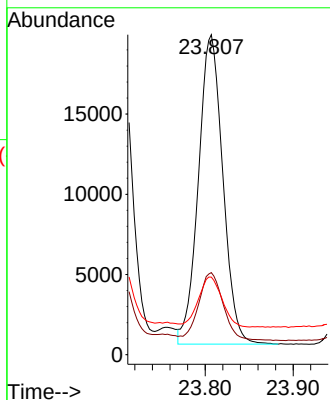
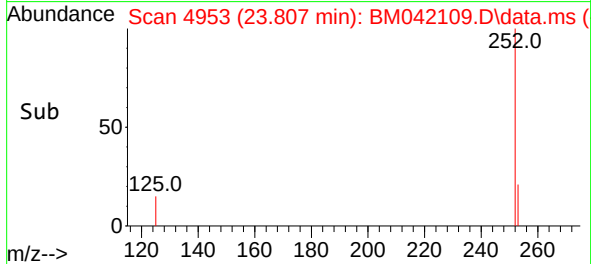
Instrument :
BNA_M
ClientSampleId :
EZYN3



Tgt Ion:252 Resp: 37314
Ion Ratio Lower Upper
252 100
253 25.7 23.2 34.8
125 24.2 22.5 33.7

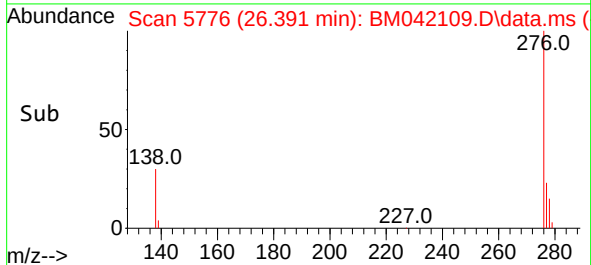
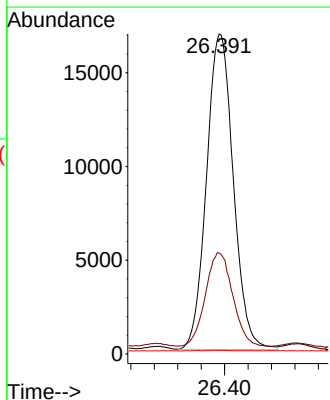
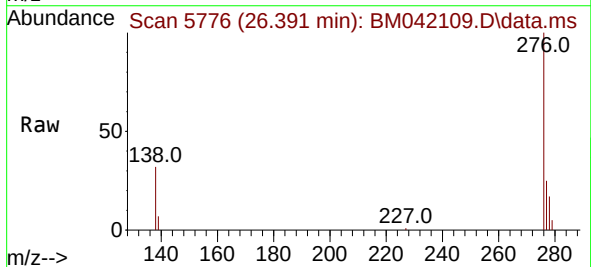
Manual Integrations
APPROVED

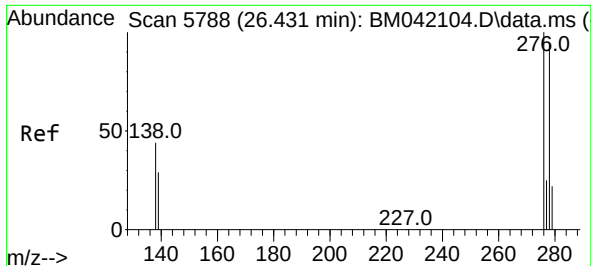
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.816 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.040 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

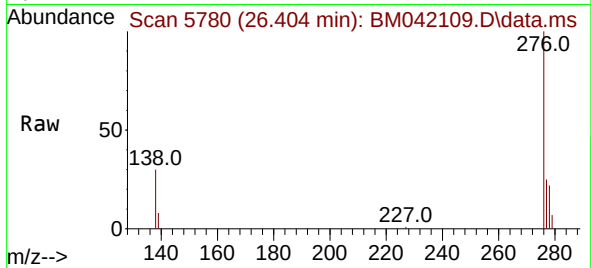
Tgt Ion:276 Resp: 53463
Ion Ratio Lower Upper
276 100
138 30.4 32.1 48.1#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 26.404 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47

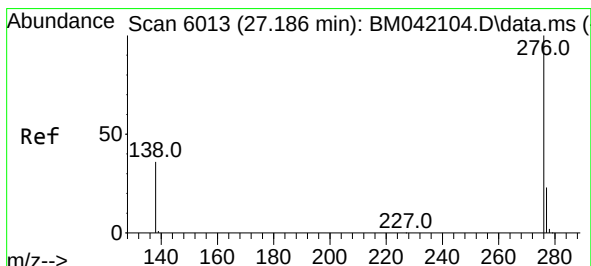
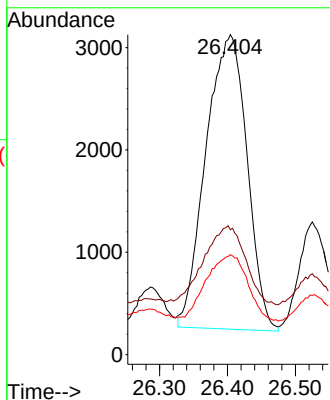
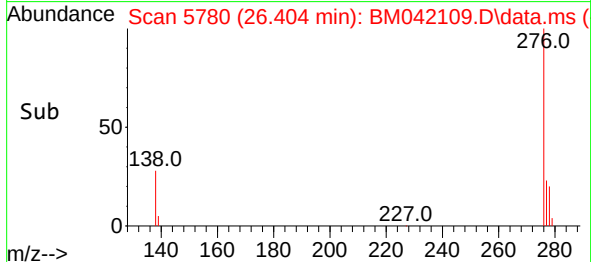
Instrument :
BNA_M
ClientSampleId :
EZYN3



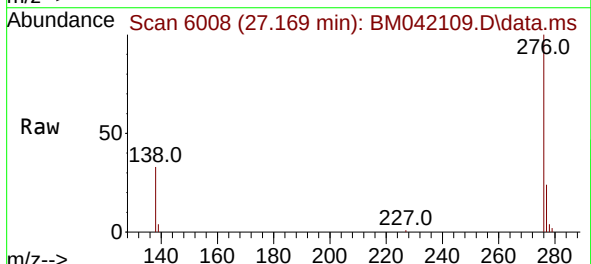
Tgt Ion:278 Resp: 12094
Ion Ratio Lower Upper
278 100
139 39.1 25.0 37.6
279 31.3 21.7 32.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.933 ng/ul
RT: 27.169 min Scan# 6008
Delta R.T. -0.040 min
Lab File: BM042109.D
Acq: 28 Sep 2023 11:47



Tgt Ion:276 Resp: 51413
Ion Ratio Lower Upper
276 100
138 32.7 29.0 43.4
277 24.3 19.6 29.4

