

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042108.D
 Acq On : 28 Sep 2023 11:11
 Operator : MA/JU
 Sample : 04417-29
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF5

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 12:21:57 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	3258	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	9013	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.583	164	4618	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.337	188	10680	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.509	240	8620	0.400	ng/ul	#-0.01
23) Perylene-d12	23.918	264	7213	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	10937	2.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2971	0.263	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	5543	0.156	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.801	128	15551	0.515	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	8736	0.485	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	7776	0.426	ng/ul	99
10) Acenaphthylene	14.310	152	2783	0.090	ng/ul#	81
11) Acenaphthene	14.647	153	8730	0.368	ng/ul	99
12) Fluorene	15.633	166	8185	0.306	ng/ul	96
15) Phenanthrene	17.379	178	90910	1.835	ng/ul	99
16) Anthracene	17.472	178	16390	0.383	ng/ul#	95
19) Fluoranthene	19.389	202	214042	2.197	ng/ul	99
20) Pyrene	19.757	202	186100m	1.943	ng/ul	
21) Benzo(a)anthracene	21.495	228	132611	2.029	ng/ul	98
22) Chrysene	21.550	228	123679	1.832	ng/ul#	96
24) Benzo(b)fluoranthene	23.178	252	198781	3.580	ng/ul	96
25) Benzo(k)fluoranthene	23.225	252	74618m	1.382	ng/ul	
26) Benzo(a)pyrene	23.810	252	149922	3.285	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.397	276	109627	1.749	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.404	278	25510	0.563	ng/ul#	84
29) Benzo(g,h,i)perylene	27.176	276	102050	1.936	ng/ul	97

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

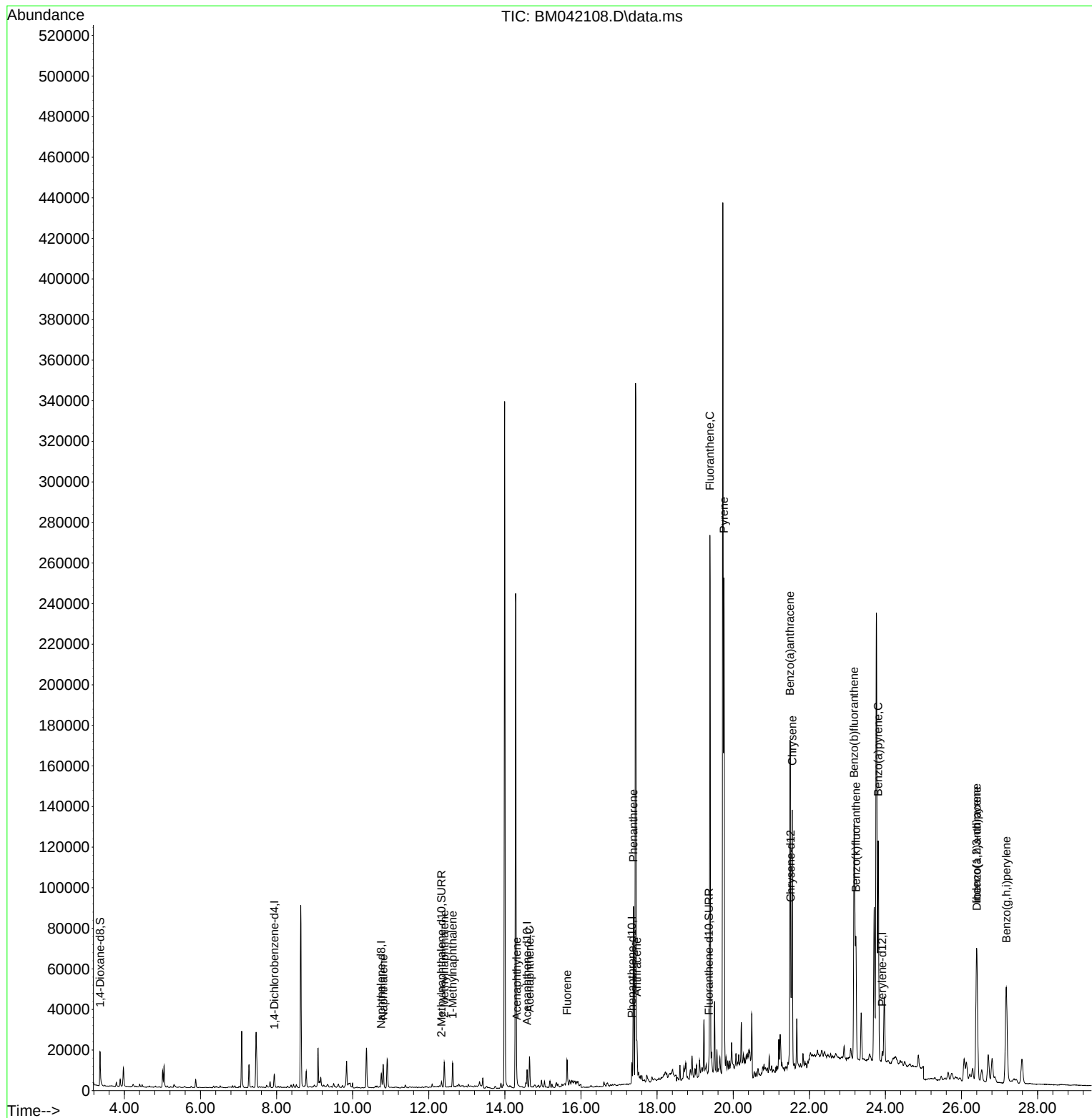
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042108.D
Acq On : 28 Sep 2023 11:11
Operator : MA/JU
Sample : 04417-29
Misc :
ALS Vial : 6 Sample Multiplier: 1

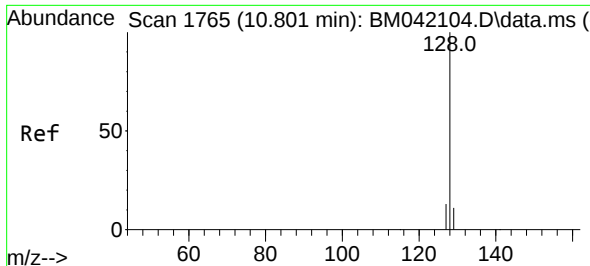
Instrument :
BNA_M
ClientSampleId :
EZYF5

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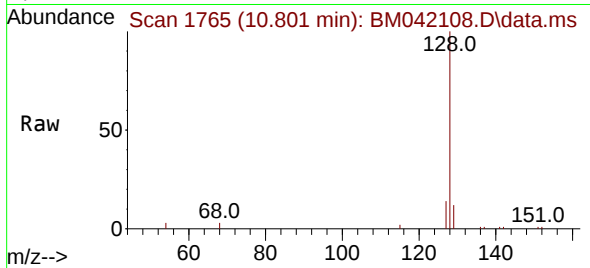
Quant Time: Sep 28 12:21:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.515 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

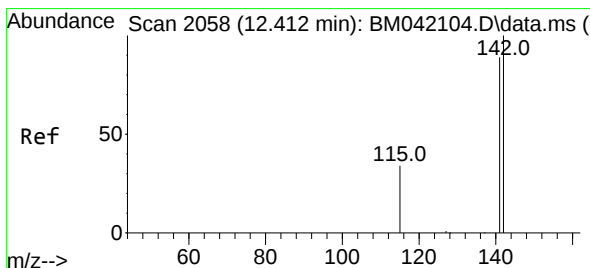
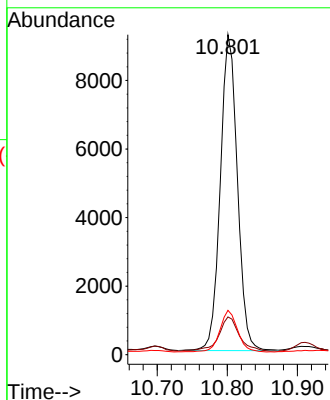
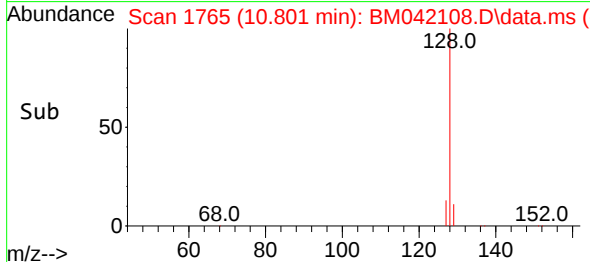
Instrument :
BNA_M
ClientSampleId :
EZYF5



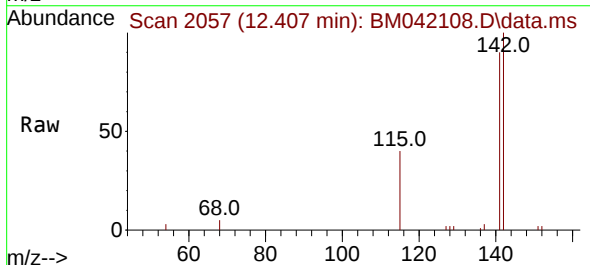
Tgt Ion:128 Resp: 1555
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.9 10.8 16.2

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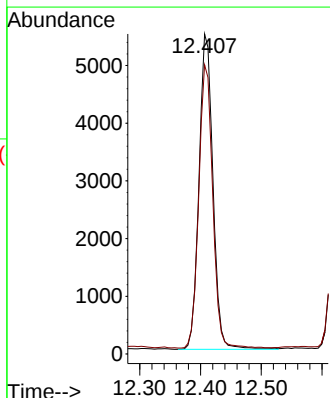
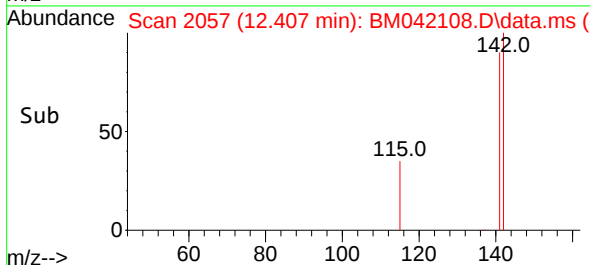
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

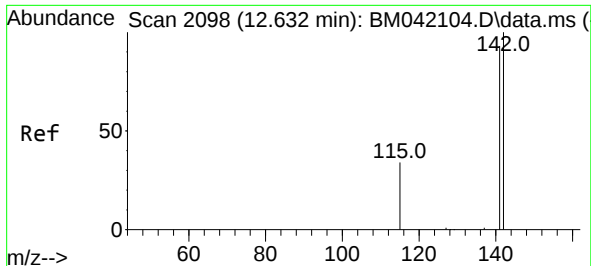


#7
2-Methylnaphthalene
Concen: 0.485 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.017 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11



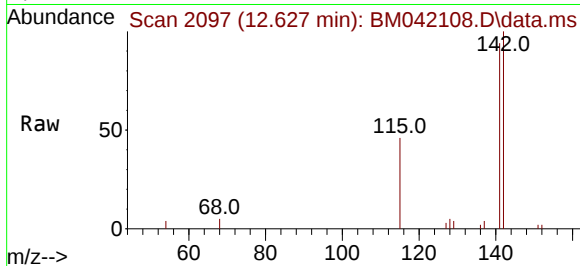
Tgt Ion:142 Resp: 8736
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.017 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

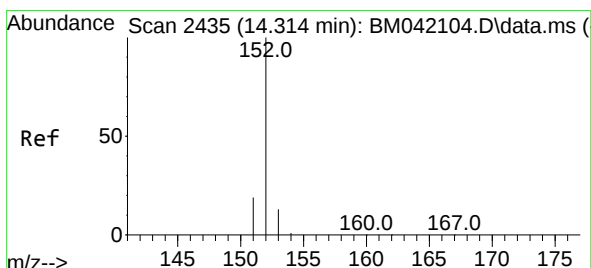
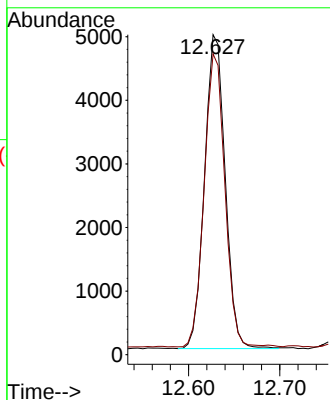
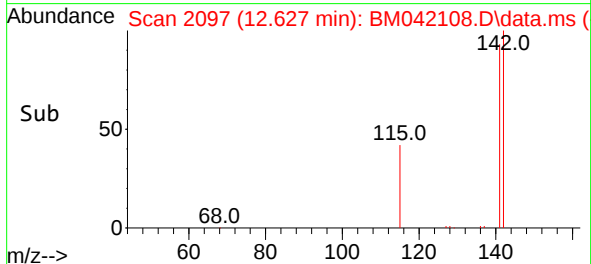
Instrument :
BNA_M
ClientSampleId :
EZYF5



Tgt Ion:142 Resp: 7770
Ion Ratio Lower Upper
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141 93.2 75.1 112.7

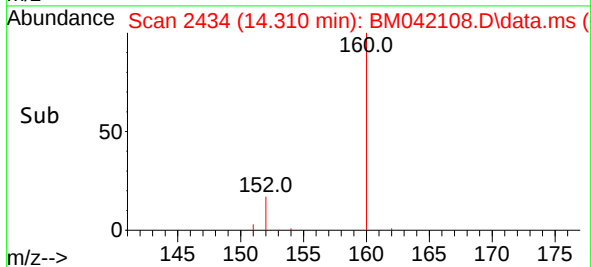
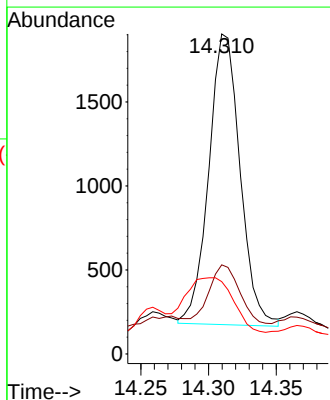
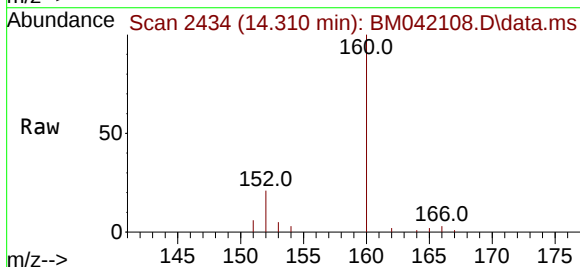
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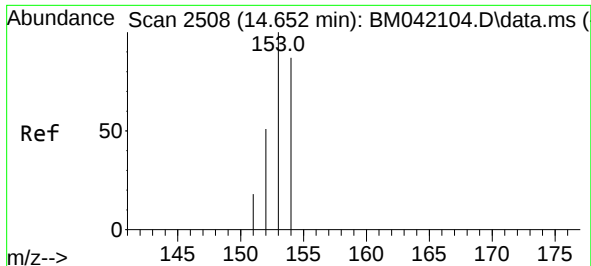
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.310 min Scan# 2434
Delta R.T. -0.019 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

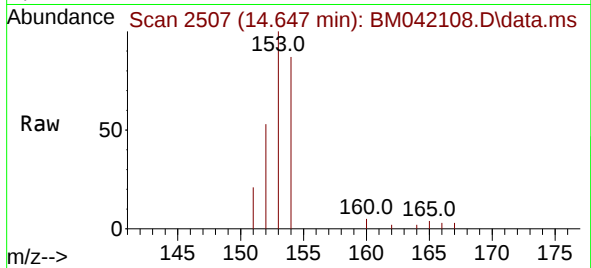
Tgt Ion:152 Resp: 2783
Ion Ratio Lower Upper
152 100
151 27.9 16.2 24.4#
153 22.6 10.8 16.2#





#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.647 min Scan# 2107
Delta R.T. -0.014 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

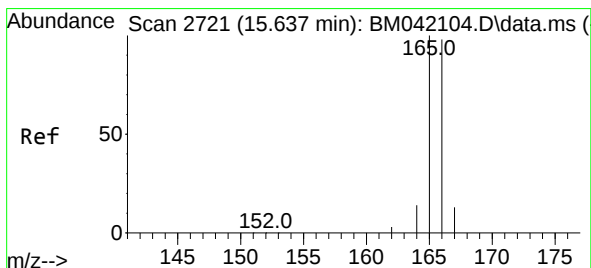
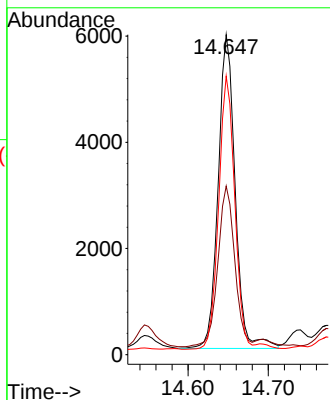
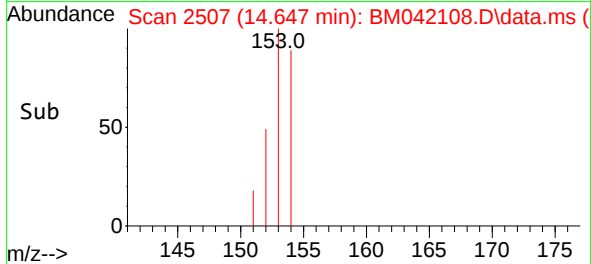
Instrument :
BNA_M
ClientSampleId :
EZYF5



Tgt Ion:153 Resp: 8730
Ion Ratio Lower Upper
153 100
152 52.7 41.8 62.8
154 87.1 69.0 103.6

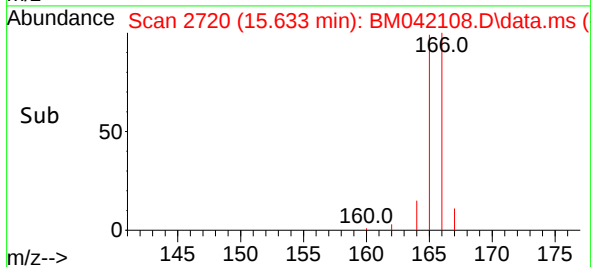
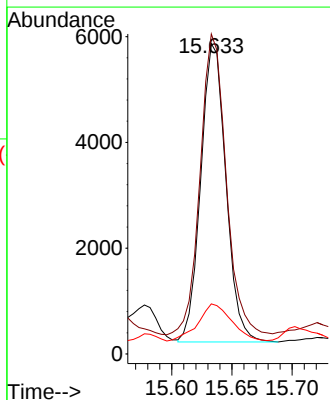
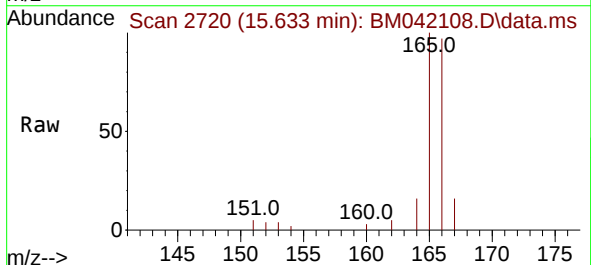
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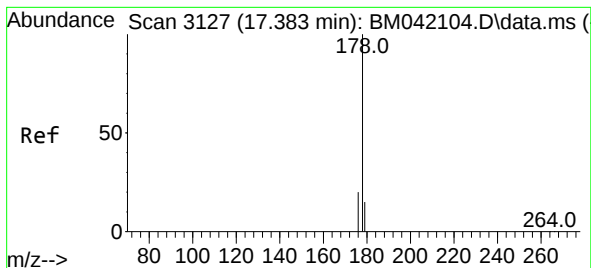
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.633 min Scan# 2720
Delta R.T. -0.019 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

Tgt Ion:166 Resp: 8185
Ion Ratio Lower Upper
166 100
165 103.1 79.8 119.8
167 16.1 11.1 16.7





#15

Phenanthrene

Concen: 1.835 ng/ul

RT: 17.379 min Scan# 3127

Delta R.T. -0.017 min

Lab File: BM042108.D

Acq: 28 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

EZYF5

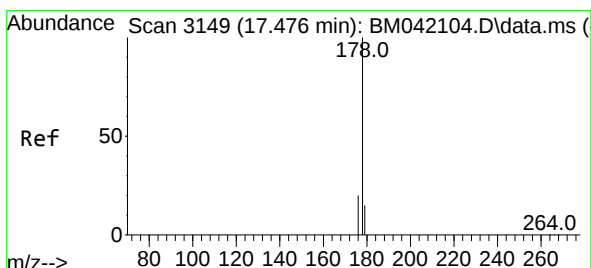
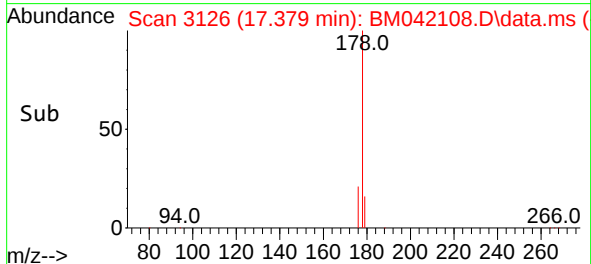
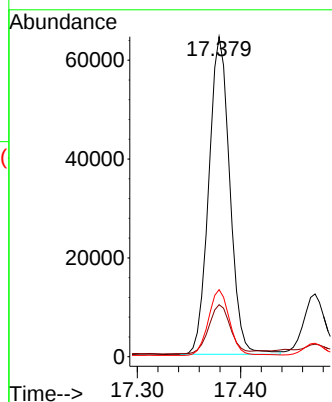
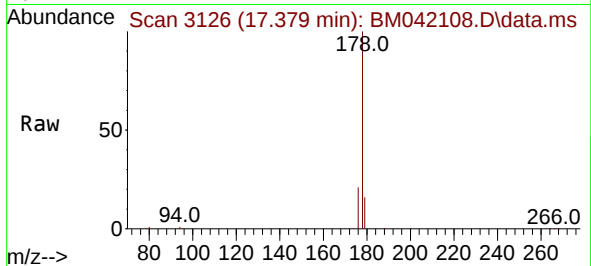
Tgt Ion:178	Resp:	90910
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.7 19.1
176	20.9	16.6 24.8

Manual Integrations

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#16

Anthracene

Concen: 0.383 ng/ul

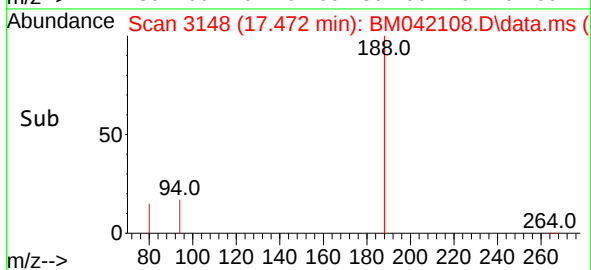
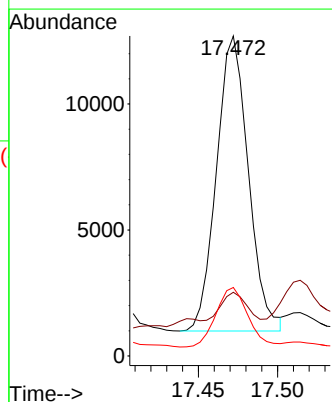
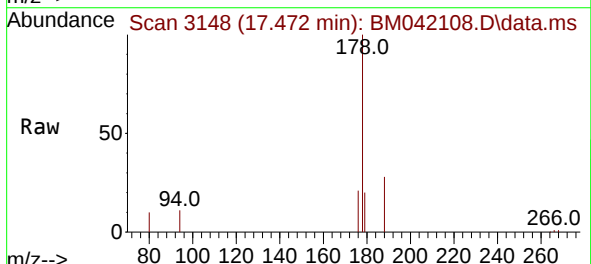
RT: 17.472 min Scan# 3148

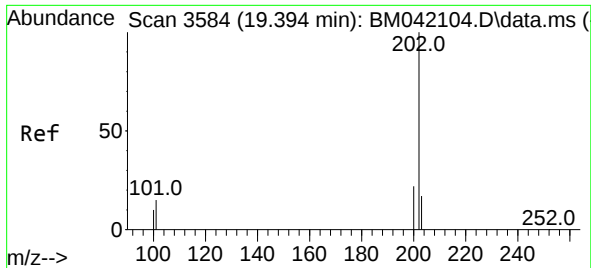
Delta R.T. -0.017 min

Lab File: BM042108.D

Acq: 28 Sep 2023 11:11

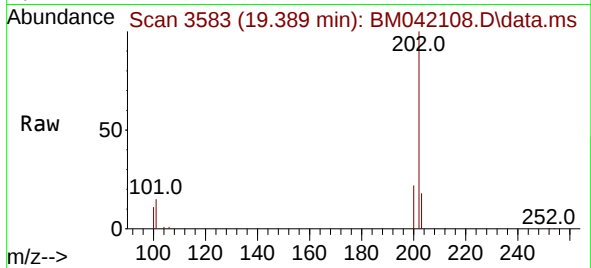
Tgt Ion:178	Resp:	16390
Ion Ratio	Lower	Upper
178	100	
179	19.9	12.9 19.3#
176	21.4	16.2 24.2





#19
Fluoranthene
Concen: 2.197 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

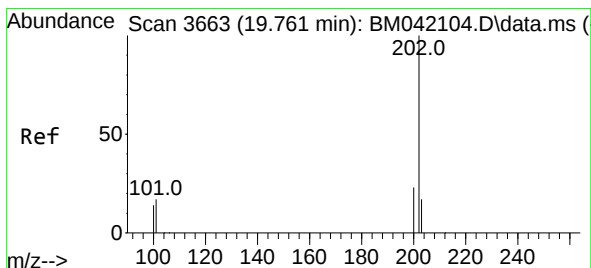
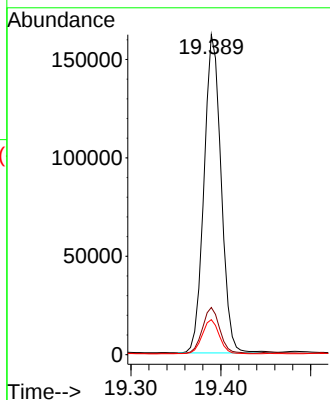
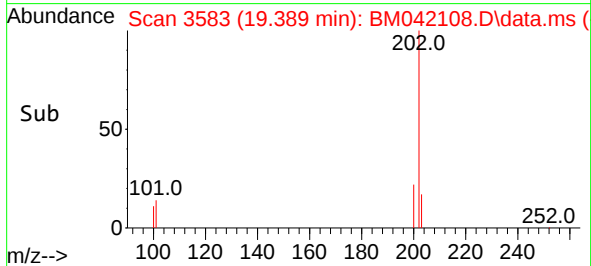
Instrument :
BNA_M
ClientSampleId :
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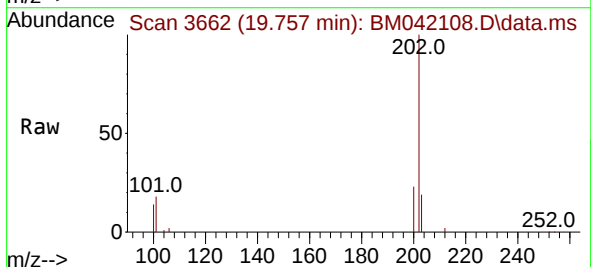
Tgt Ion:202 Resp: 21404
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 10.9 9.1 13.7

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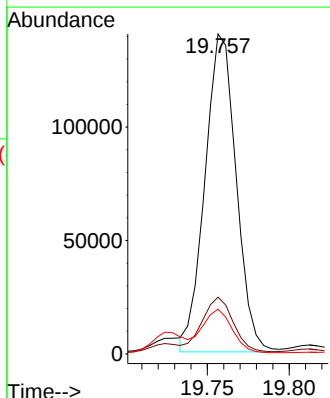
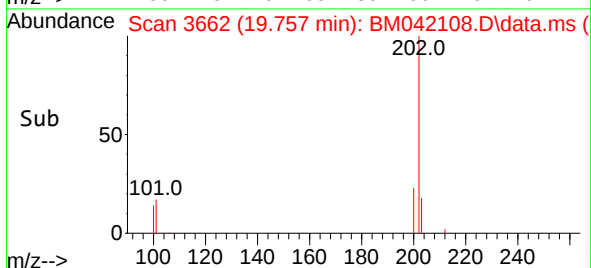
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

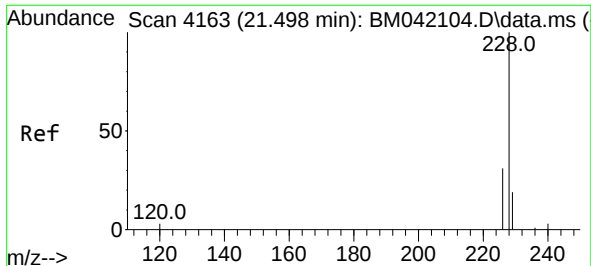


#20
Pyrene
Concen: 1.943 ng/ul m
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11



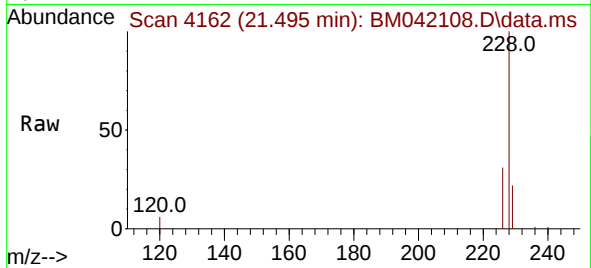
Tgt Ion:202 Resp: 186100
Ion Ratio Lower Upper
202 100
101 17.7 14.1 21.1
100 14.0 11.4 17.0





#21
Benzo(a)anthracene
Concen: 2.029 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.012 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

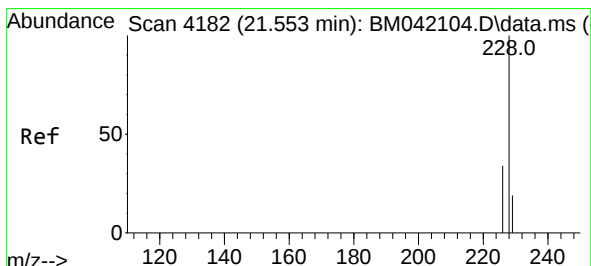
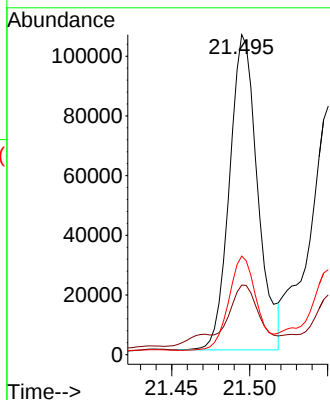
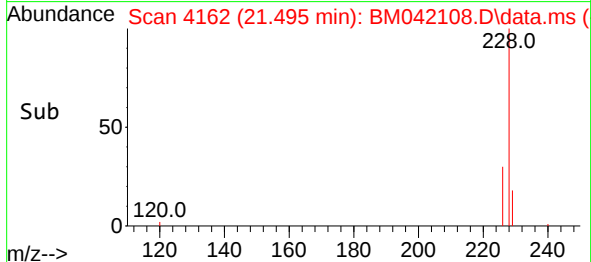
Instrument :
BNA_M
ClientSampleId :
EZYF5



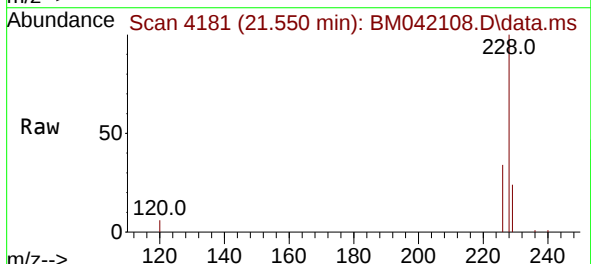
Tgt Ion:228 Resp: 132611
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 30.8 24.8 37.2

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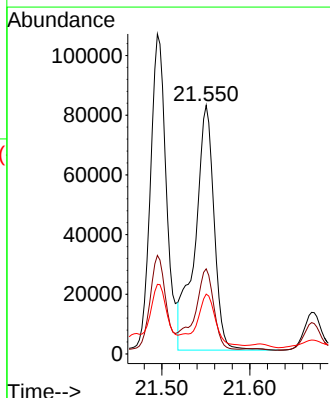
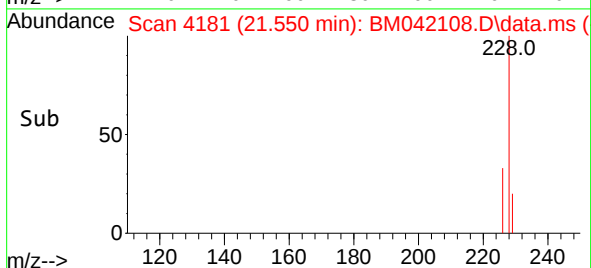
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

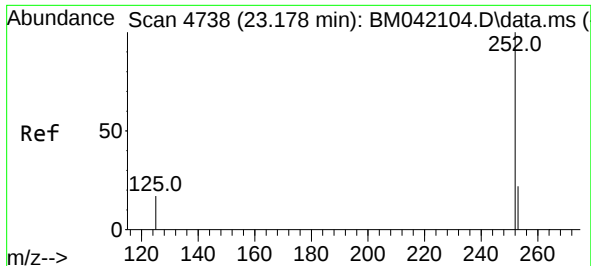


#22
Chrysene
Concen: 1.832 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.012 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11



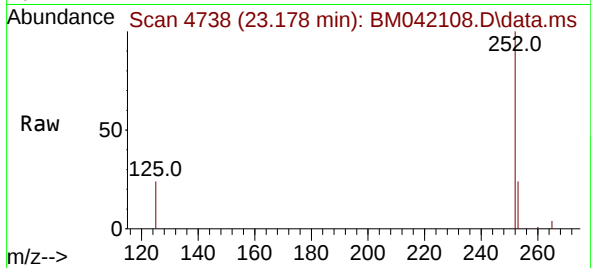
Tgt Ion:228 Resp: 123679
Ion Ratio Lower Upper
228 100
226 34.2 27.8 41.6
229 24.1 15.6 23.4#





#24
Benzo(b)fluoranthene
Concen: 3.580 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.012 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

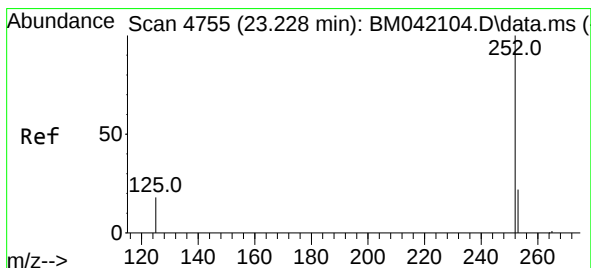
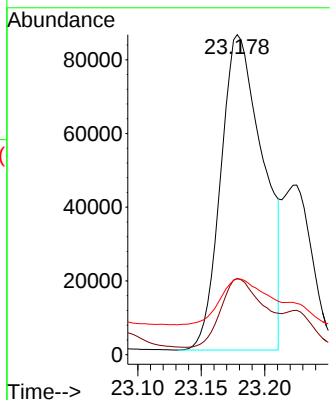
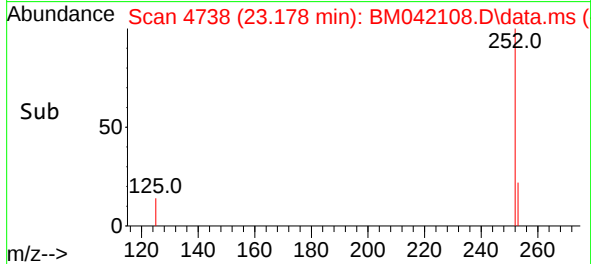
Instrument :
BNA_M
ClientSampleId :
EZYF5



Tgt Ion:252 Resp: 19878
Ion Ratio Lower Upper
252 100
253 23.9 0.0 54.4
125 23.6 0.0 46.2

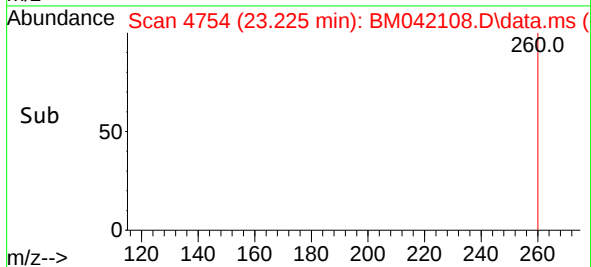
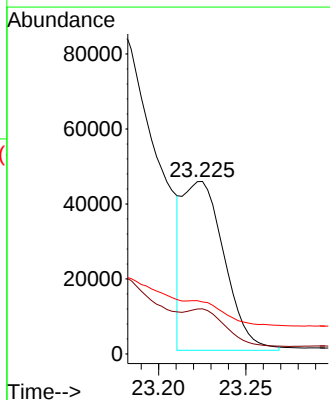
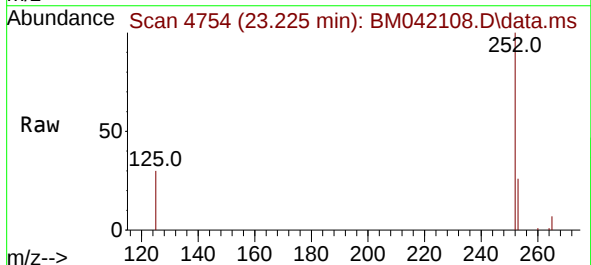
Manual Integrations
APPROVED

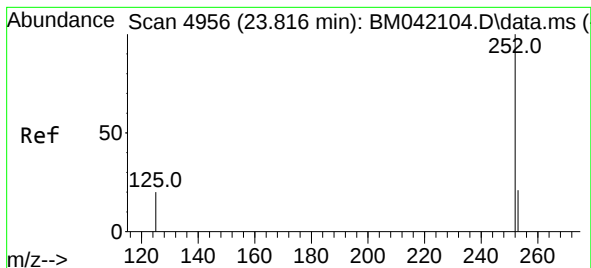
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#25
Benzo(k)fluoranthene
Concen: 1.382 ng/ul m
RT: 23.225 min Scan# 4754
Delta R.T. -0.015 min
Lab File: BM042108.D
Acq: 28 Sep 2023 11:11

Tgt Ion:252 Resp: 74618
Ion Ratio Lower Upper
252 100
253 26.2 21.0 31.6
125 30.2 19.0 28.6#





#26

Benzo(a)pyrene

Concen: 3.285 ng/ul

RT: 23.810 min Scan# 4956

Delta R.T. -0.018 min

Lab File: BM042108.D

Acq: 28 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

EZYF5

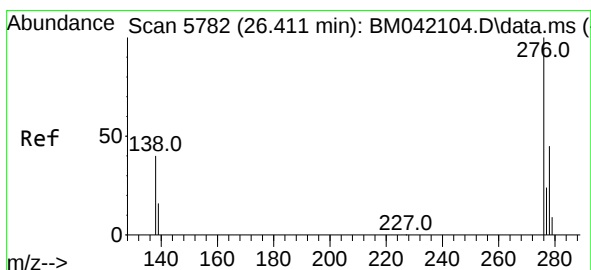
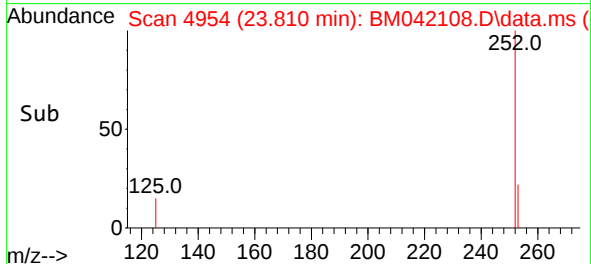
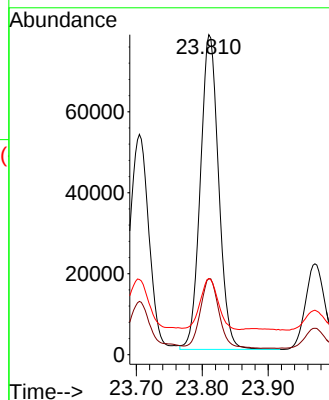
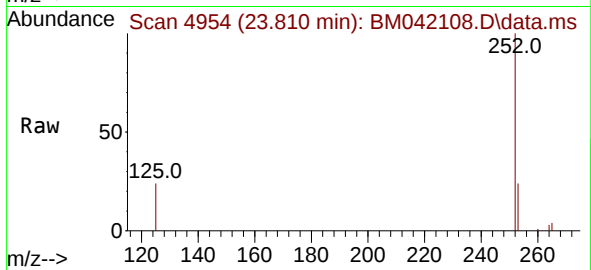
Tgt Ion:	252	Resp:	14992
Ion Ratio	Lower	Upper	
252	100		
253	23.8	23.2	34.8
125	23.8	22.5	33.7

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: 1.749 ng/ul

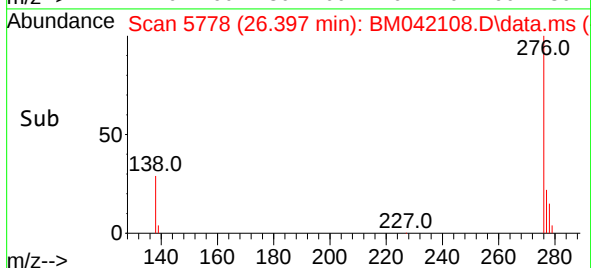
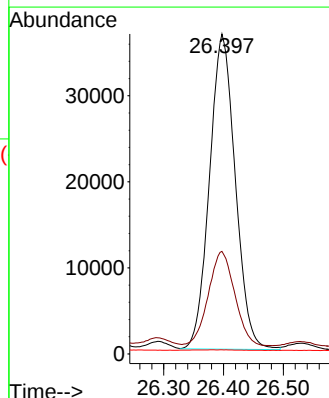
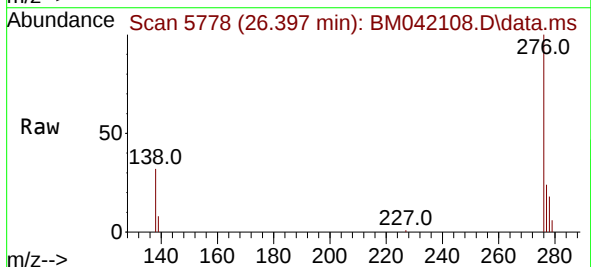
RT: 26.397 min Scan# 5778

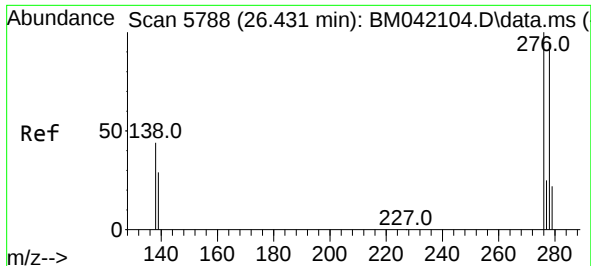
Delta R.T. -0.034 min

Lab File: BM042108.D

Acq: 28 Sep 2023 11:11

Tgt Ion:	276	Resp:	109627
Ion Ratio	Lower	Upper	
276	100		
138	30.7	32.1	48.1#
227	0.1	0.2	0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.563 ng/ul

RT: 26.404 min Scan# 5

Delta R.T. -0.047 min

Lab File: BM042108.D

Acq: 28 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

EZYF5

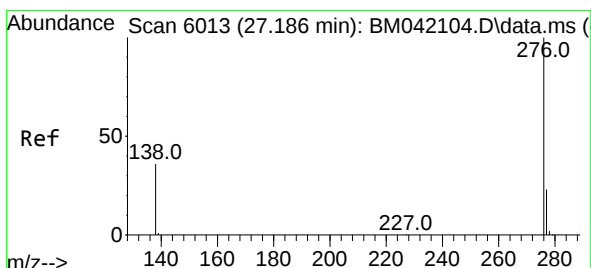
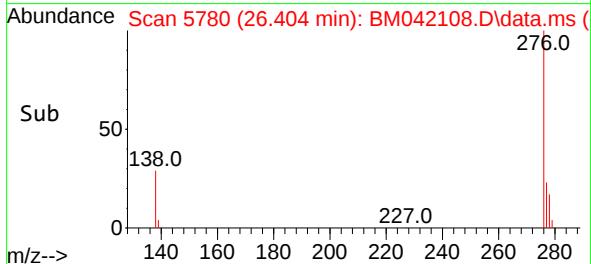
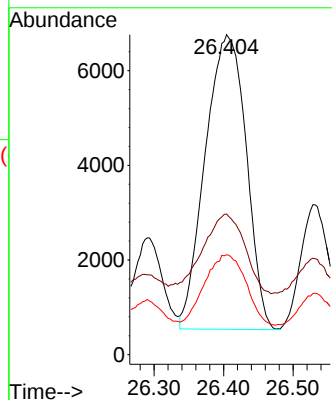
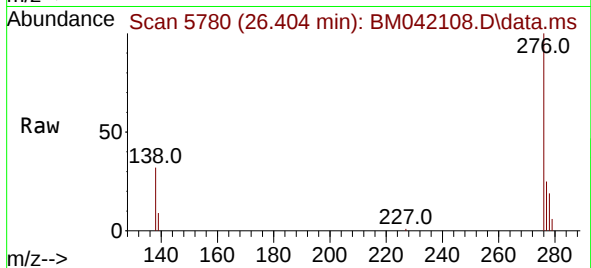
Tgt Ion:	278	Resp:	25510
Ion Ratio	Lower	Upper	
278	100		
139	43.9	25.0	37.6
279	31.2	21.7	32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/03/2023



#29

Benzo(g,h,i)perylene

Concen: 1.936 ng/ul

RT: 27.176 min Scan# 6010

Delta R.T. -0.034 min

Lab File: BM042108.D

Acq: 28 Sep 2023 11:11

Tgt Ion:	276	Resp:	102050
Ion Ratio	Lower	Upper	
276	100		
138	33.5	29.0	43.4
277	24.6	19.6	29.4

