

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046735.D
 Acq On : 19 Jul 2024 20:29
 Operator : MA/JU
 Sample : P3201-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 23:58:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	4032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.248	136	11269	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	6667	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	12829m	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	9190	0.400	ng/ul	# 0.00
23) Perylene-d12	23.227	264	9881	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	8837	2.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.842	152	3870	0.213	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	6355	0.227	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.292	128	2480	0.087	ng/ul	95
7) 2-Methylnaphthalene	11.919	142	910	0.045	ng/ul	99
8) 1-Methylnaphthalene	12.139	142	700	0.034	ng/ul	99
10) Acenaphthylene	13.848	152	2733	0.090	ng/ul	95
11) Acenaphthene	14.195	153	1892	0.093	ng/ul	98
12) Fluorene	15.190	166	2463	0.098	ng/ul	93
15) Phenanthrene	16.929	178	37817	1.033	ng/ul	99
16) Anthracene	17.017	178	7806	0.218	ng/ul	99
19) Fluoranthene	18.954	202	66685	1.767	ng/ul	99
20) Pyrene	19.321	202	57395	1.404	ng/ul	99
21) Benzo(a)anthracene	21.079	228	28159	0.693	ng/ul	96
22) Chrysene	21.129	228	29808	0.758	ng/ul	98
24) Benzo(b)fluoranthene	22.598	252	42631m	1.080	ng/ul	
25) Benzo(k)fluoranthene	22.633	252	12262m	0.316	ng/ul	
26) Benzo(a)pyrene	23.136	252	26161	0.805	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.340	276	21992	0.445	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	5231	0.134	ng/ul#	62
29) Benzo(g,h,i)perylene	25.984	276	22252	0.564	ng/ul	100

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

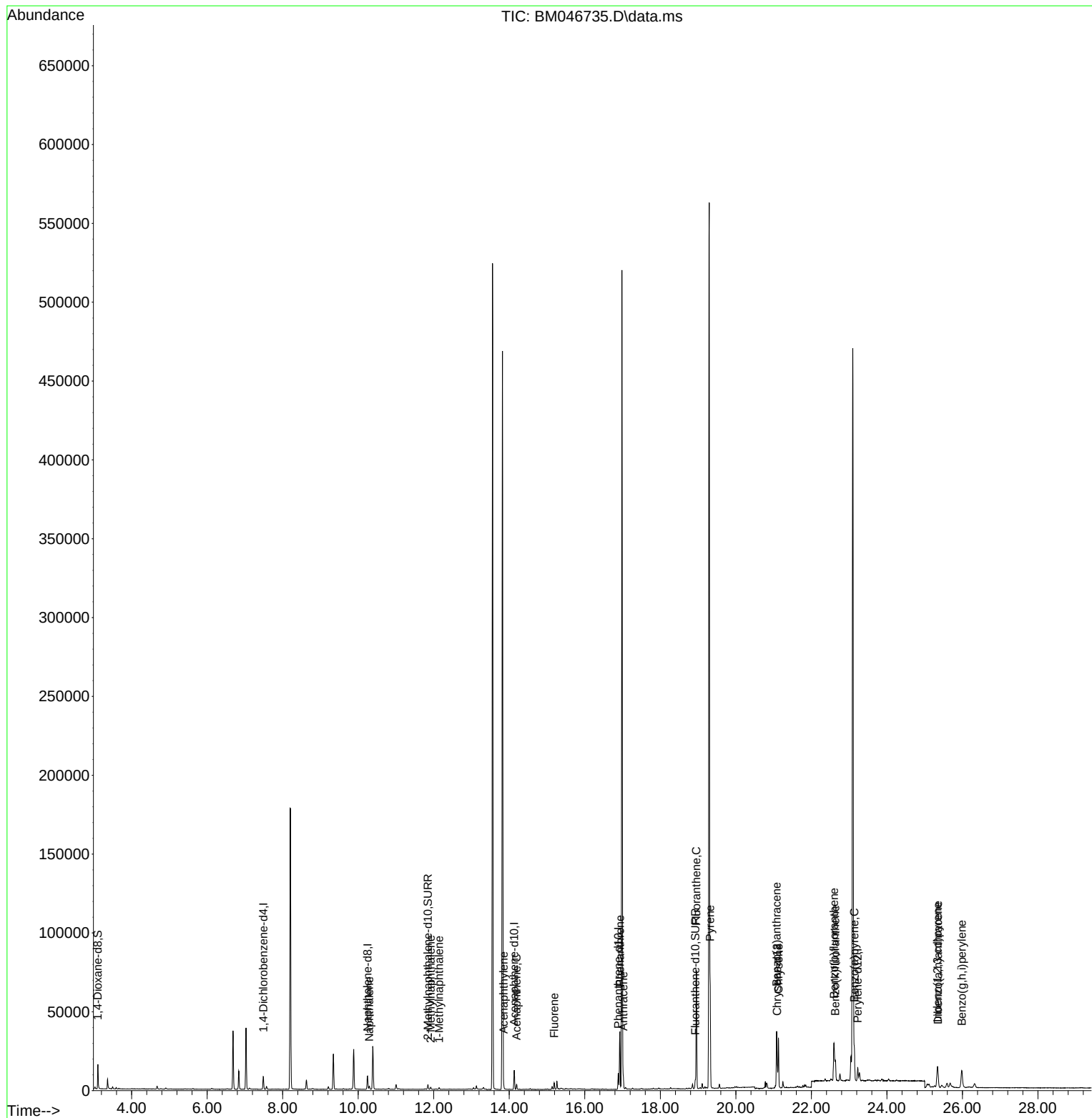
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046735.D
Acq On : 19 Jul 2024 20:29
Operator : MA/JU
Sample : P3201-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

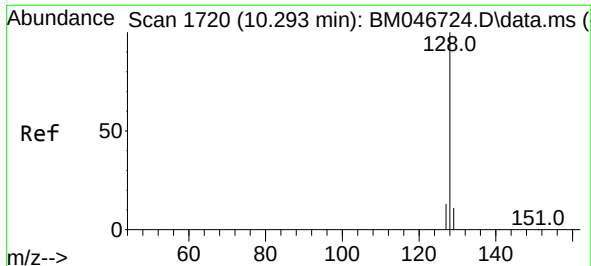
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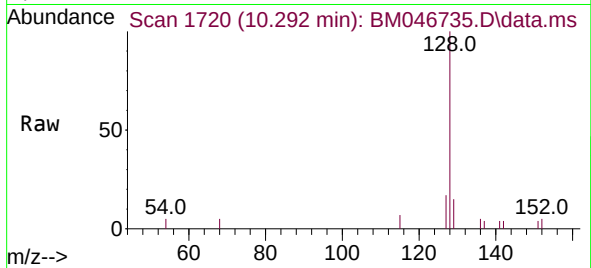
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

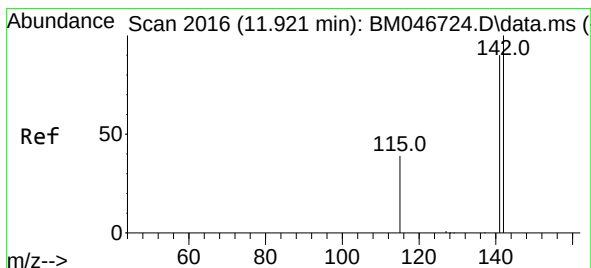
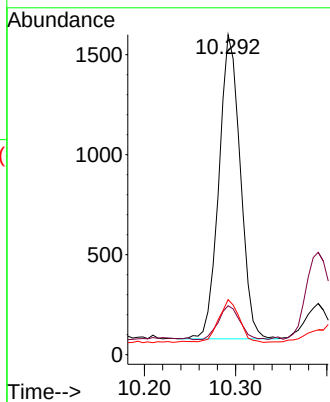
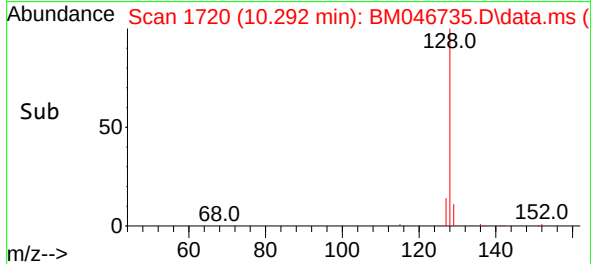
Instrument :
BNA_M
ClientSampleId :
A4BZ2



Tgt Ion:128 Resp: 2480
Ion Ratio Lower Upper
128 100
129 15.3 10.3 15.5
127 17.2 12.2 18.4

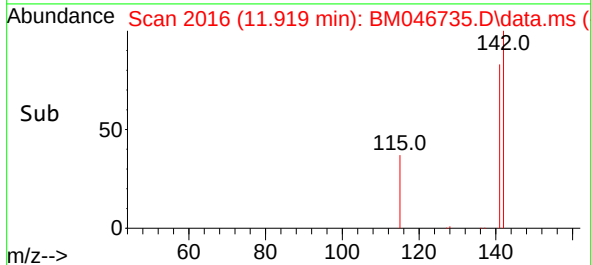
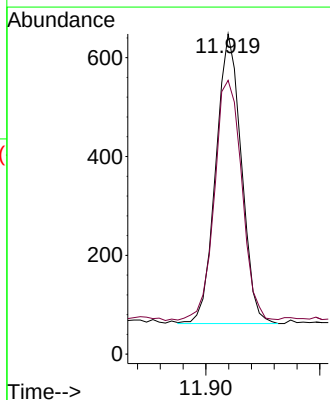
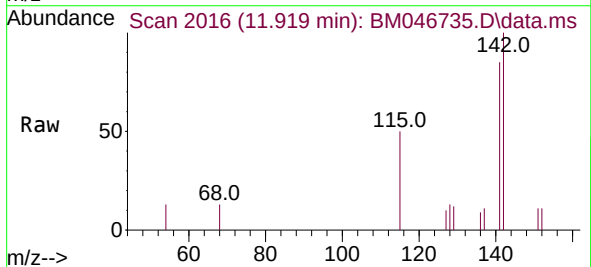
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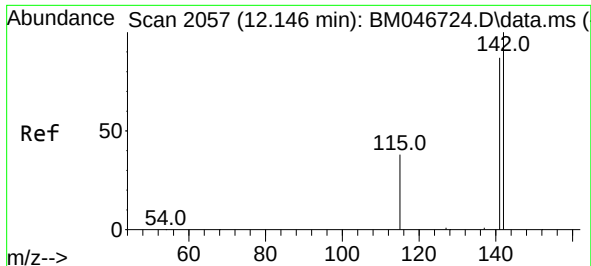
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 11.919 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

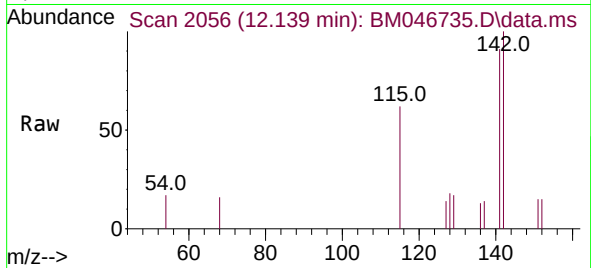
Tgt Ion:142 Resp: 910
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.139 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

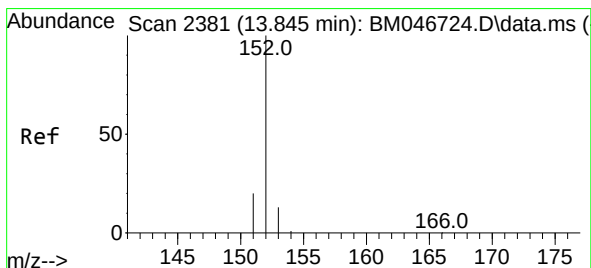
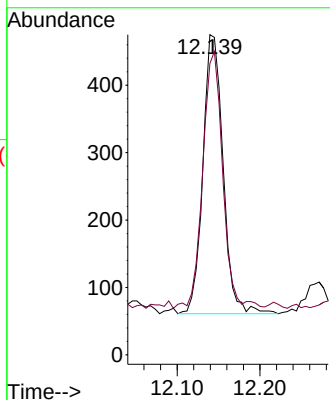
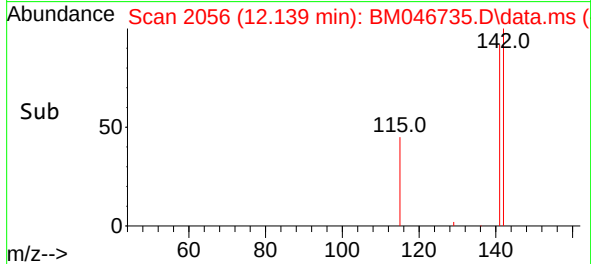
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 700
Ion Ratio Lower Upper
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141 91.1 73.9 110.9

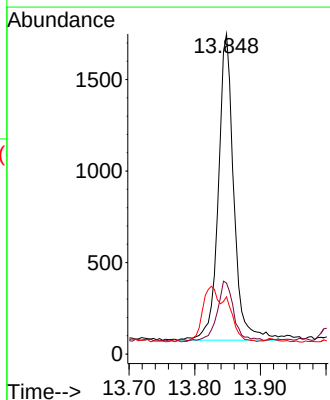
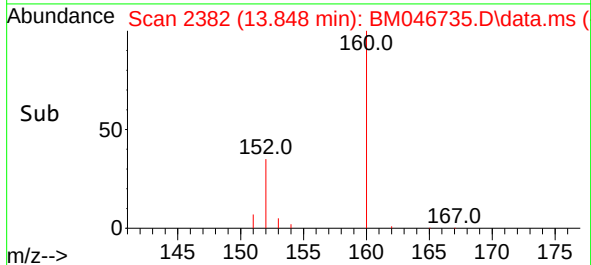
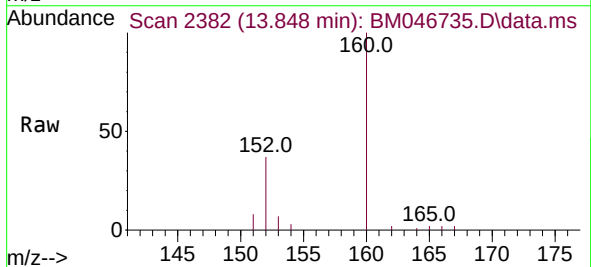
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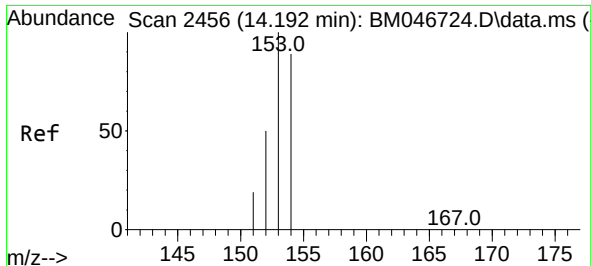
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.848 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

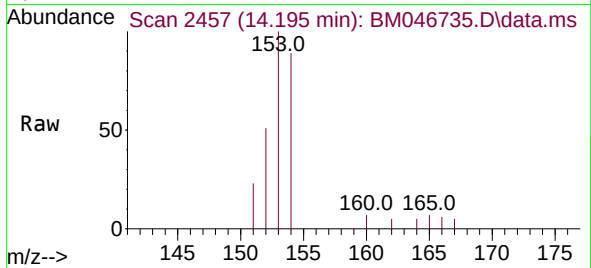
Tgt Ion:152 Resp: 2733
Ion Ratio Lower Upper
152 100
151 22.2 16.4 24.6
153 17.9 12.4 18.6





#11
Acenaphthene
Concen: 0.093 ng/u1
RT: 14.195 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

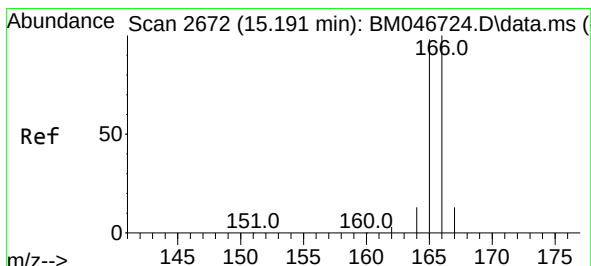
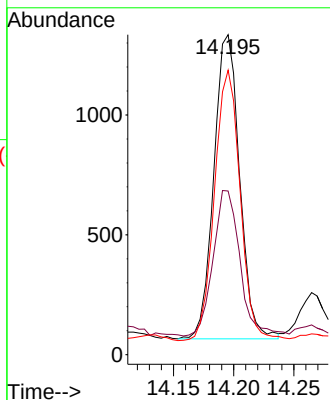
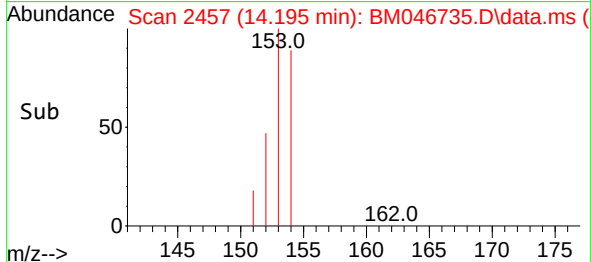
Instrument :
BNA_M
ClientSampleId :
A4BZ2



Tgt Ion:153 Resp: 1892
Ion Ratio Lower Upper
153 100
152 51.2 43.0 64.6
154 88.9 69.9 104.9

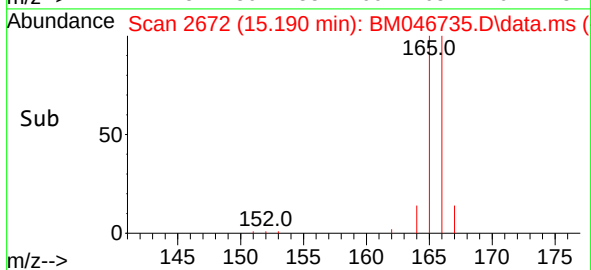
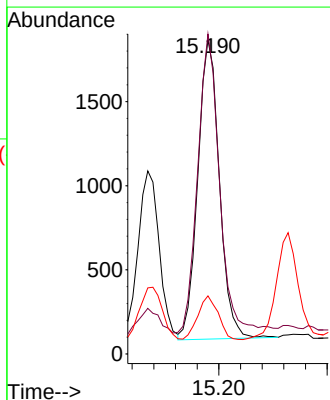
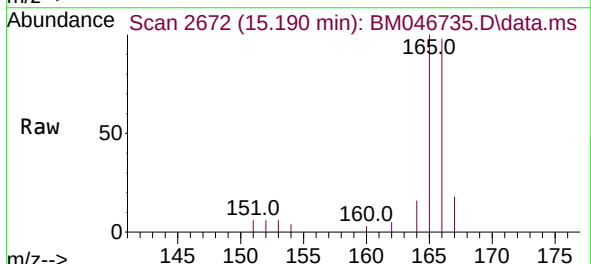
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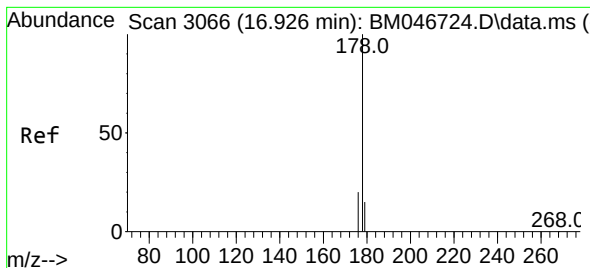
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.098 ng/u1
RT: 15.190 min Scan# 2672
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

Tgt Ion:166 Resp: 2463
Ion Ratio Lower Upper
166 100
165 102.0 76.1 114.1
167 18.5 12.5 18.7





#15

Phenanthrene

Concen: 1.033 ng/ul

RT: 16.929 min Scan# 3066

Delta R.T. 0.004 min

Lab File: BM046735.D

Acq: 19 Jul 2024 20:29

Instrument :

BNA_M

ClientSampleId :

A4BZ2

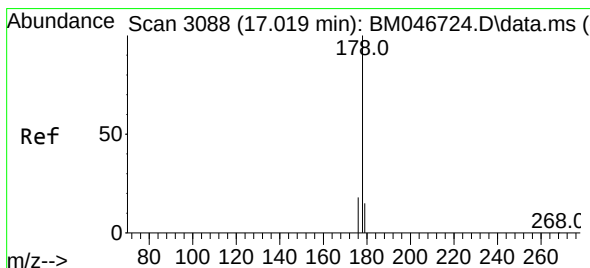
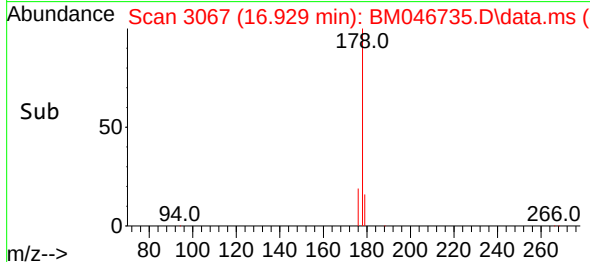
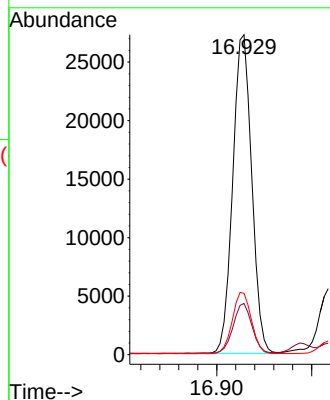
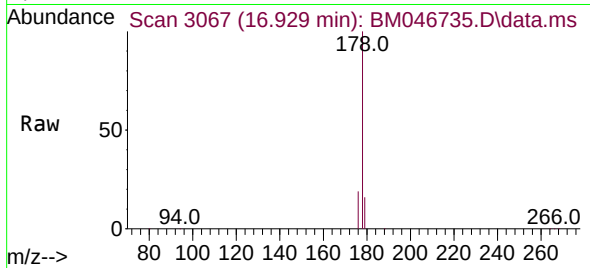
Tgt Ion:178	Resp:	3781
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.1 19.7
176	19.2	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#16

Anthracene

Concen: 0.218 ng/ul

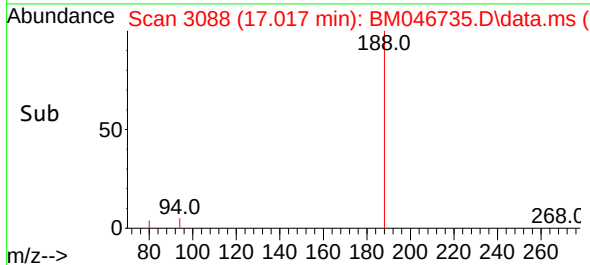
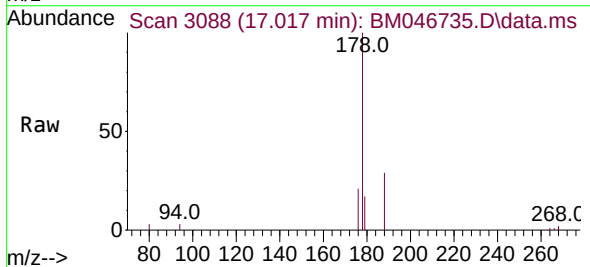
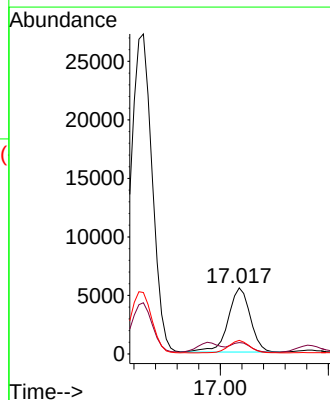
RT: 17.017 min Scan# 3088

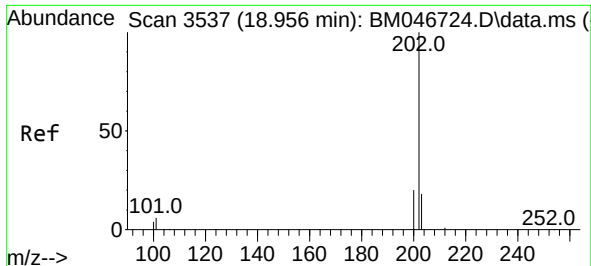
Delta R.T. -0.000 min

Lab File: BM046735.D

Acq: 19 Jul 2024 20:29

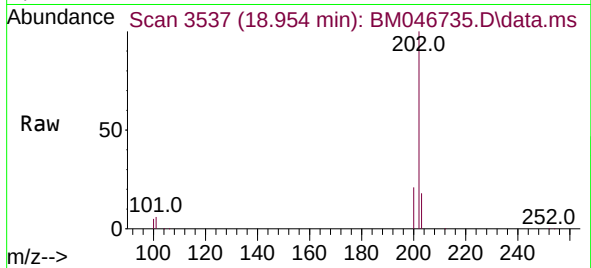
Tgt Ion:178	Resp:	7806
Ion Ratio	Lower	Upper
178	100	
179	17.1	13.5 20.3
176	20.6	15.7 23.5





#19
Fluoranthene
Concen: 1.767 ng/ul
RT: 18.954 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

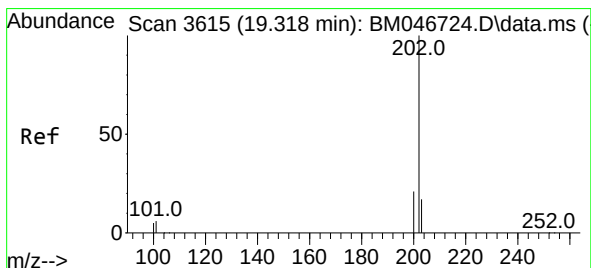
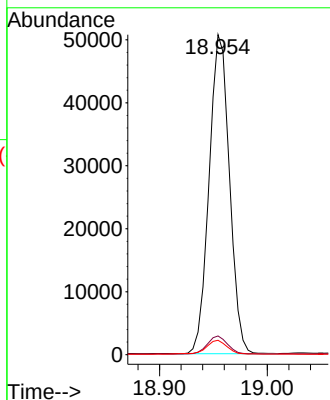
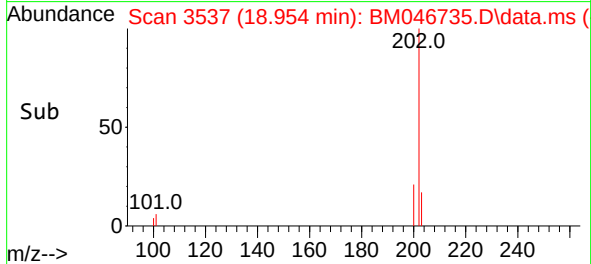
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A4BZ2



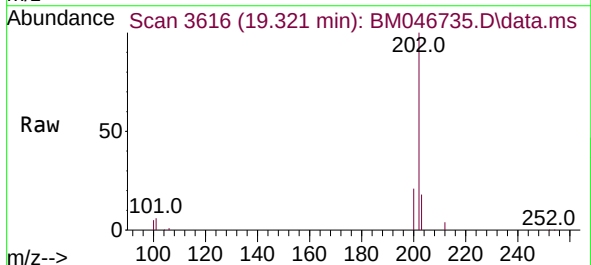
Tgt Ion:202 Resp: 66685
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.5 3.0 4.6

Manual Integrations
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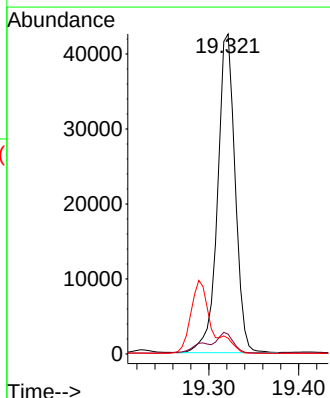
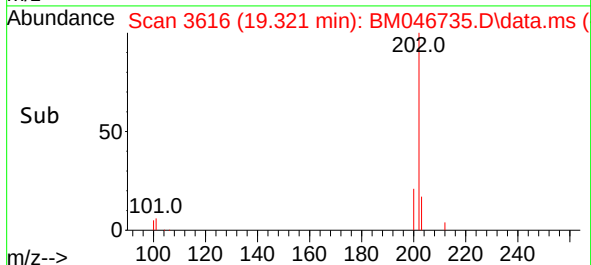
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

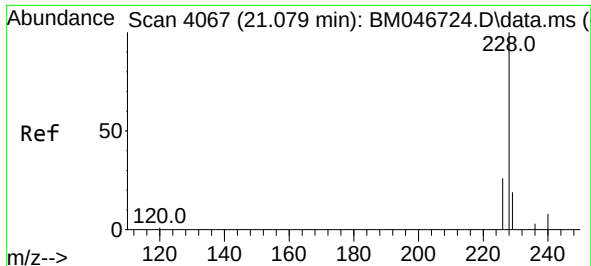


#20
Pyrene
Concen: 1.404 ng/ul
RT: 19.321 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29



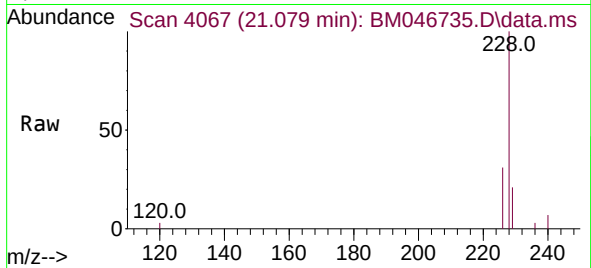
Tgt Ion:202 Resp: 57395
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 4.9 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.693 ng/u1
RT: 21.079 min Scan# 4067
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

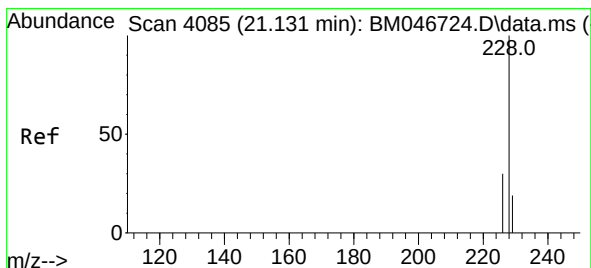
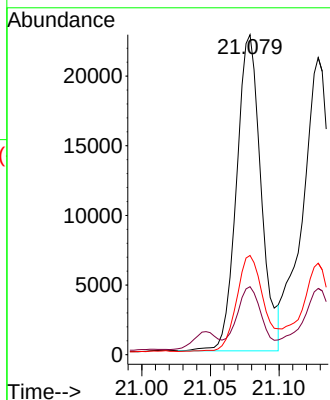
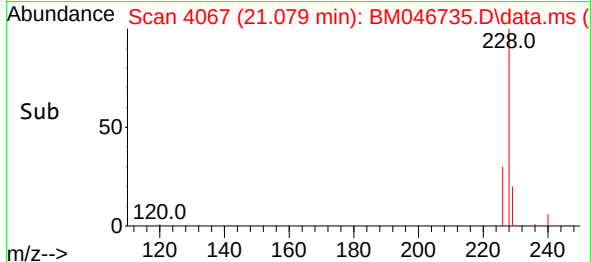
Instrument :
BNA_M
ClientSampleId :
A4BZ2



Tgt Ion:228 Resp: 28159
Ion Ratio Lower Upper
228 100
229 21.2 16.5 24.7
226 31.0 22.5 33.7

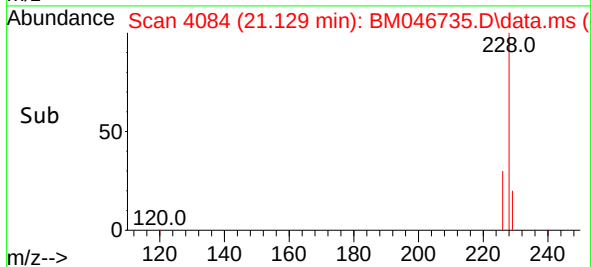
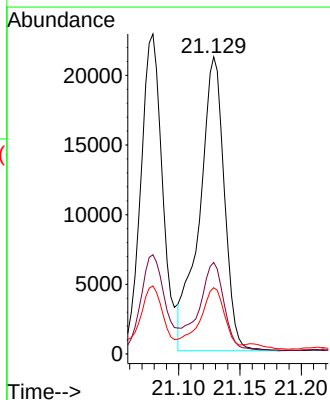
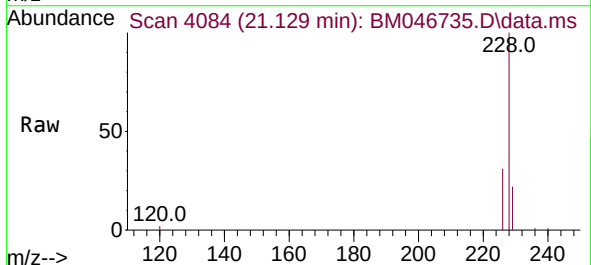
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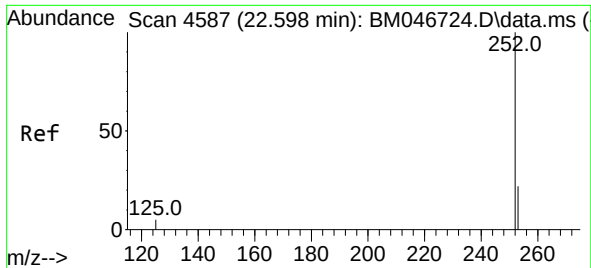
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 0.758 ng/u1
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

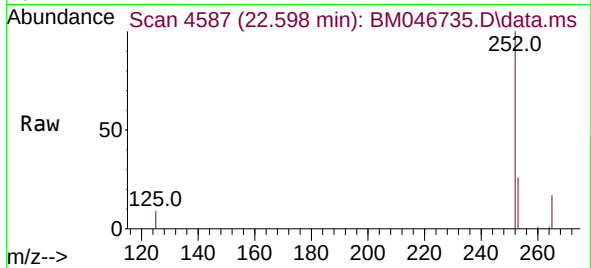
Tgt Ion:228 Resp: 29808
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.080 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

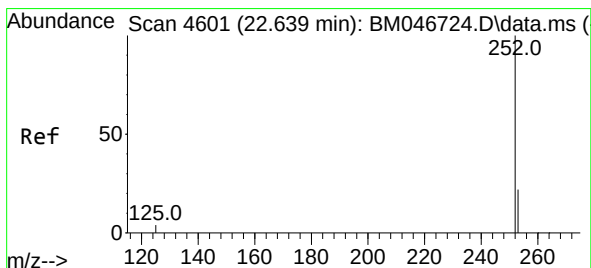
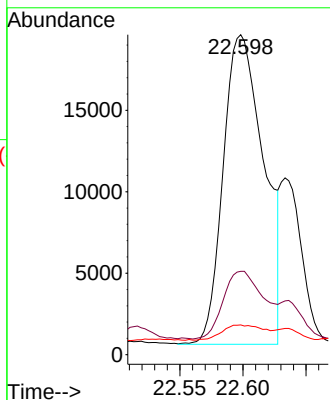
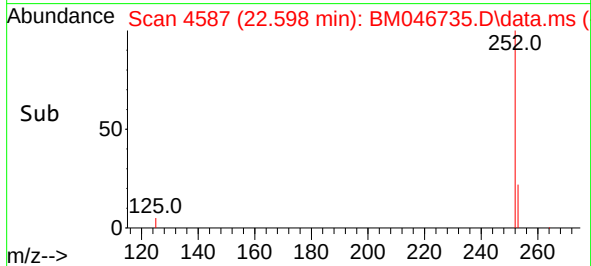
Instrument :
BNA_M
ClientSampleId :
A4BZ2



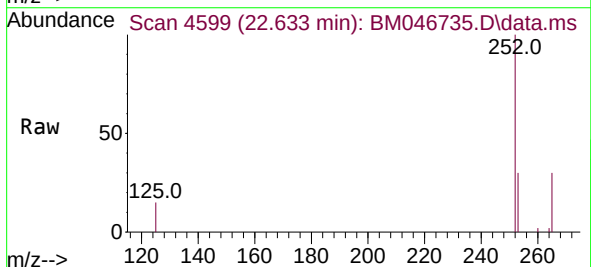
Tgt Ion:252 Resp: 4263
Ion Ratio Lower Upper
252 100
253 26.1 0.0 56.2
125 9.3 0.0 17.8

Manual Integrations
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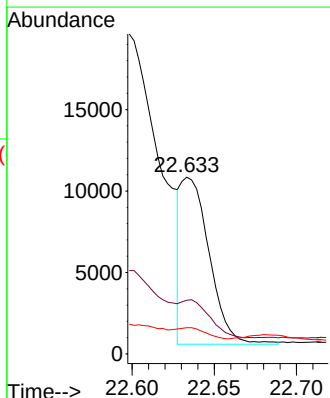
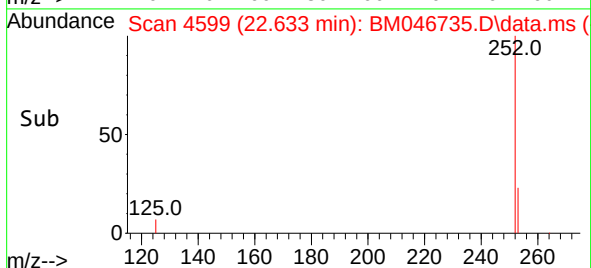
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

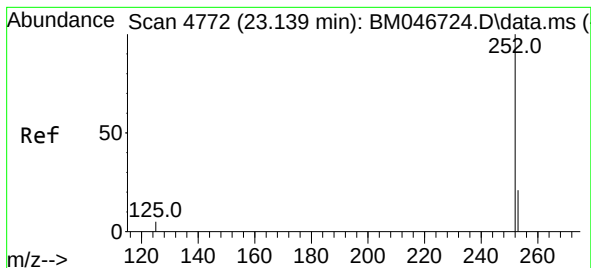


#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul m
RT: 22.633 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29



Tgt Ion:252 Resp: 12262
Ion Ratio Lower Upper
252 100
253 30.4 22.4 33.6
125 14.8 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.805 ng/ul

RT: 23.136 min Scan# 4771

Delta R.T. -0.003 min

Lab File: BM046735.D

Acq: 19 Jul 2024 20:29

Instrument :

BNA_M

ClientSampleId :

A4BZ2

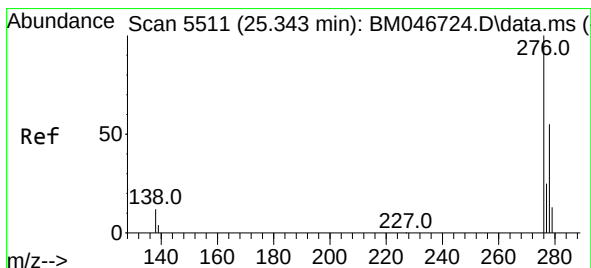
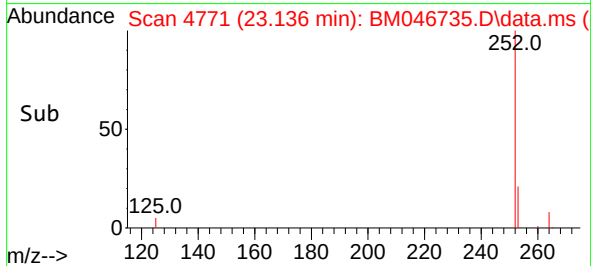
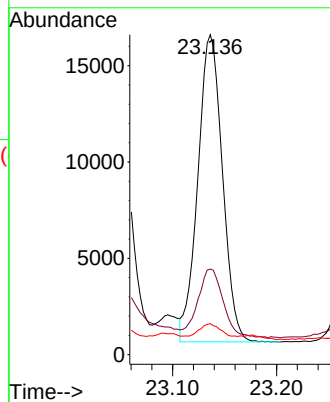
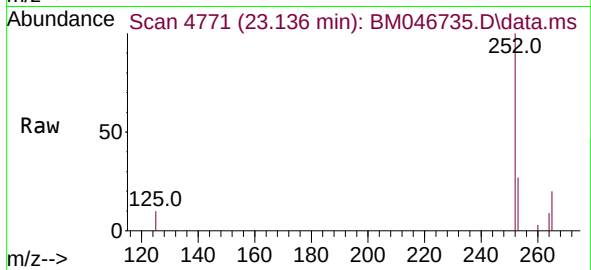
Tgt Ion:	252	Resp:	2616
Ion Ratio	Lower	Upper	
252	100		
253	26.8	24.0	36.0
125	9.7	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.445 ng/ul

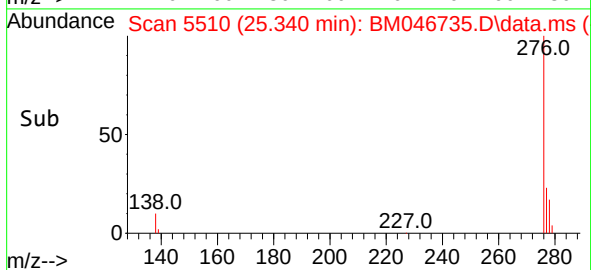
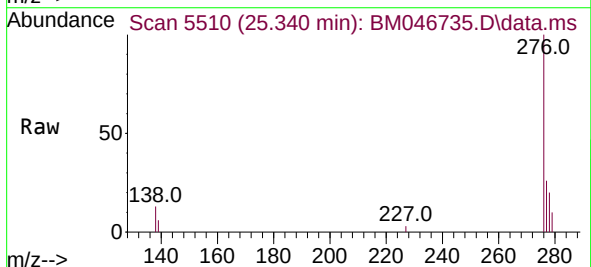
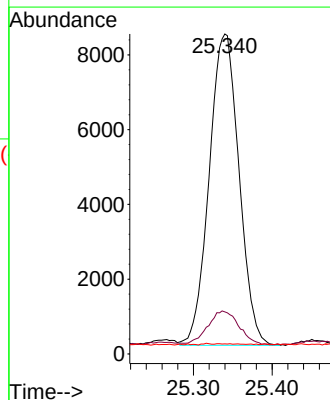
RT: 25.340 min Scan# 5510

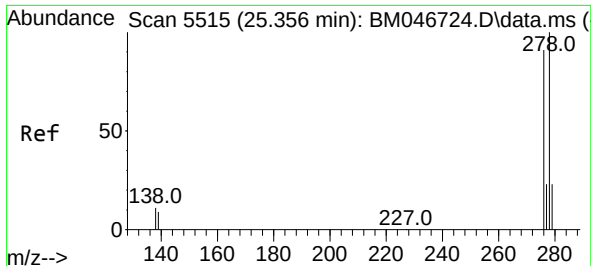
Delta R.T. -0.007 min

Lab File: BM046735.D

Acq: 19 Jul 2024 20:29

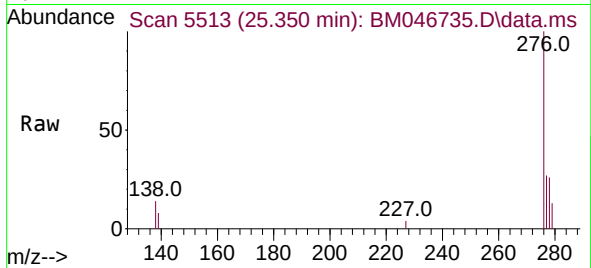
Tgt Ion:	276	Resp:	21992
Ion Ratio	Lower	Upper	
276	100		
138	11.4	0.0	0.0#
227	0.3	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.350 min Scan# 513
Delta R.T. -0.010 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29

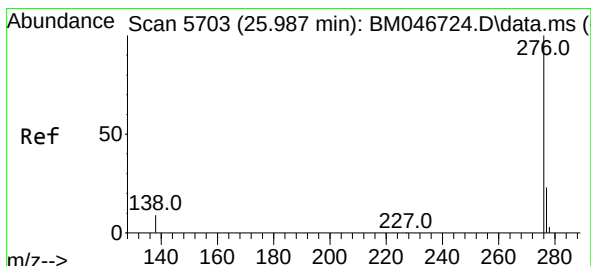
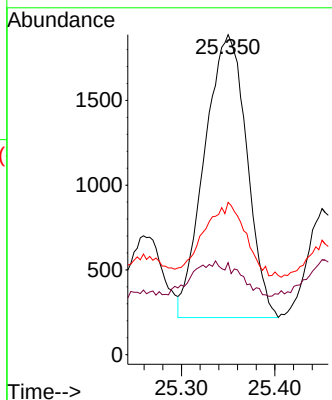
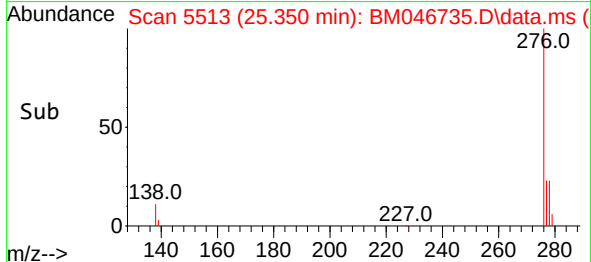
Instrument :
BNA_M
ClientSampleId :
A4BZ2



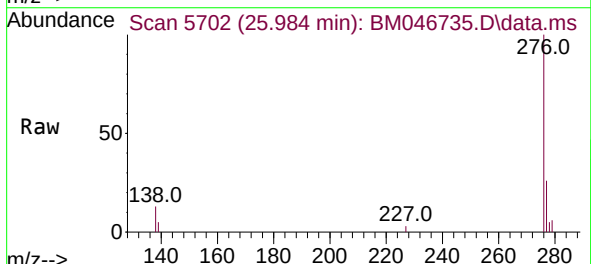
Tgt Ion:278 Resp: 523
Ion Ratio Lower Upper
278 100
139 28.8 9.1 13.7
279 47.6 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.564 ng/ul
RT: 25.984 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046735.D
Acq: 19 Jul 2024 20:29



Tgt Ion:276 Resp: 22252
Ion Ratio Lower Upper
276 100
138 13.0 10.2 15.4
277 26.3 20.9 31.3

