

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046731.D
 Acq On : 19 Jul 2024 18:02
 Operator : MA/JU
 Sample : P3201-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CJ9

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:58:20 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	7.489	152	4520	0.400	ng/ul	0.00
4) Naphthalene-d8	10.249	136	9112	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.132	164	5880	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.888	188	12563m	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	10824	0.400	ng/ul	# 0.00
23) Perylene-d12	23.230	264	16460	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	10400	2.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	4167	0.284	ng/ul	0.00
18) Fluoranthene-d10	18.928	212	8479	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	590	0.025	ng/ul#	70
10) Acenaphthylene	13.850	152	1664	0.062	ng/ul#	86
11) Acenaphthene	14.197	153	458	0.026	ng/ul	93
12) Fluorene	15.192	166	681	0.031	ng/ul#	83
15) Phenanthrene	16.926	178	9686	0.270	ng/ul	99
16) Anthracene	17.019	178	2309	0.066	ng/ul#	92
19) Fluoranthene	18.956	202	15287	0.344	ng/ul#	97
20) Pyrene	19.318	202	13584m	0.282	ng/ul	
21) Benzo(a)anthracene	21.079	228	8348	0.174	ng/ul#	87
22) Chrysene	21.128	228	9149	0.197	ng/ul#	92
24) Benzo(b)fluoranthene	22.598	252	17013m	0.259	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	6237m	0.097	ng/ul	
26) Benzo(a)pyrene	23.139	252	10365	0.192	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.343	276	9279	0.113	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.353	278	2238	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	25.983	276	9395	0.143	ng/ul#	75

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

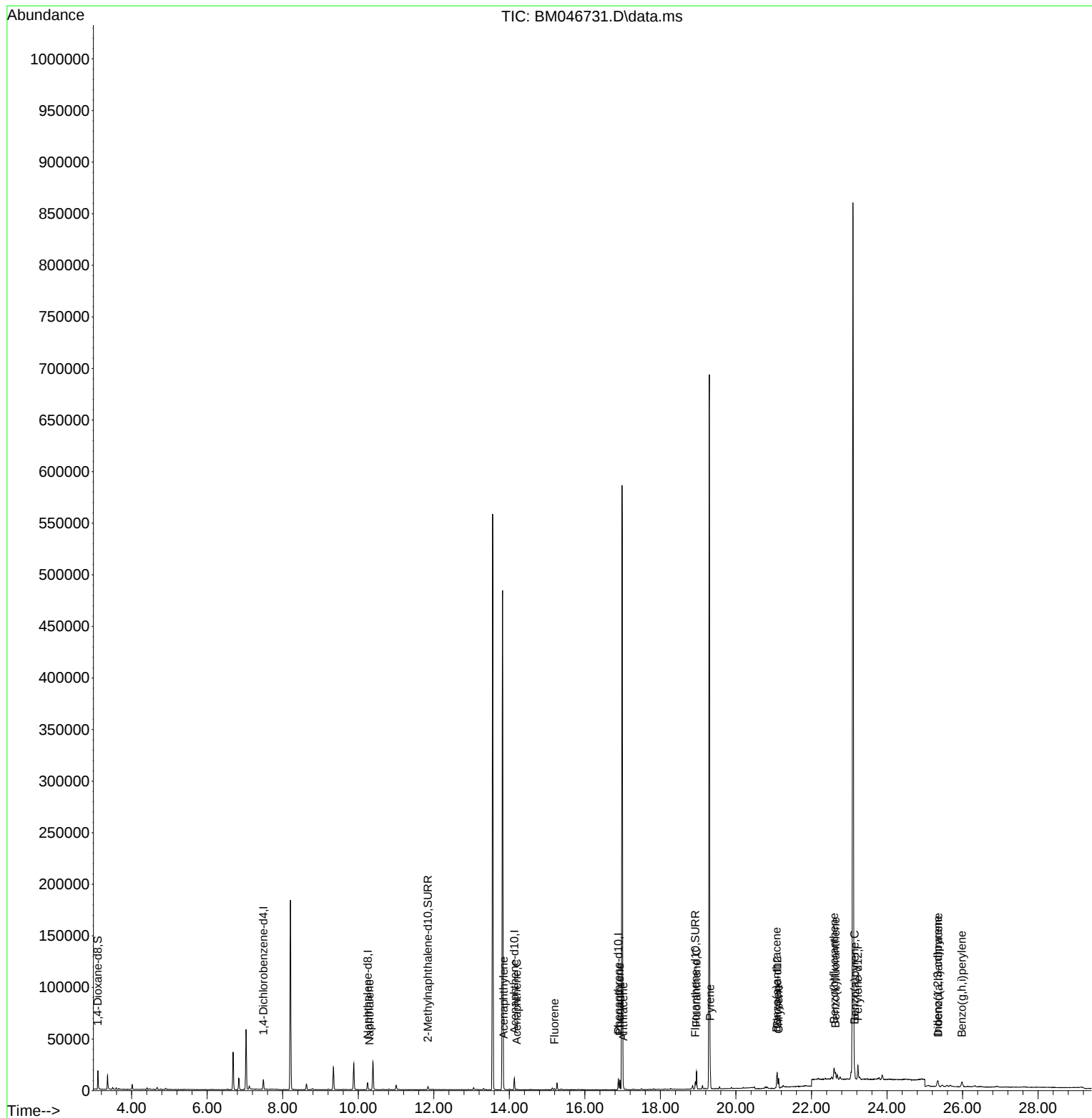
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046731.D
Acq On : 19 Jul 2024 18:02
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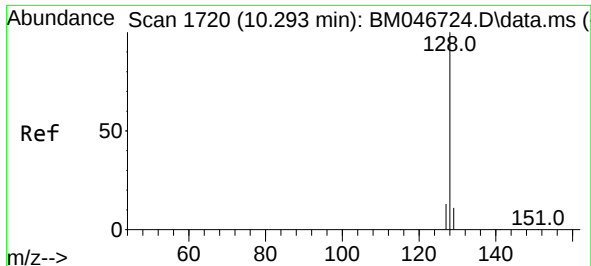
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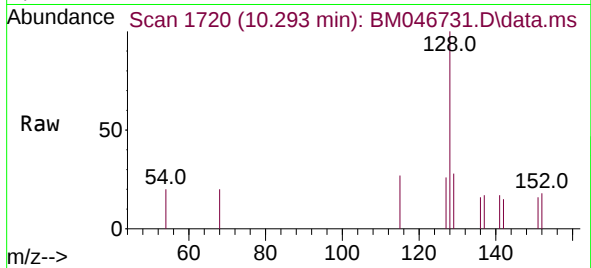
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.293 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

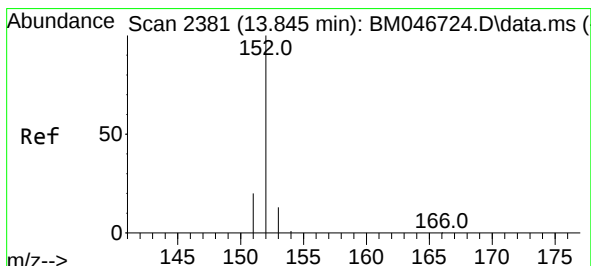
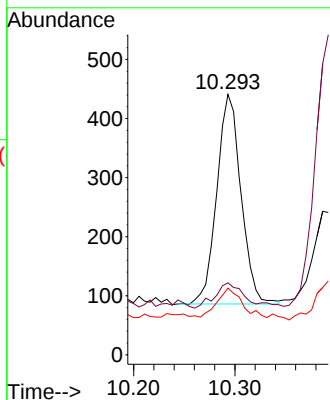
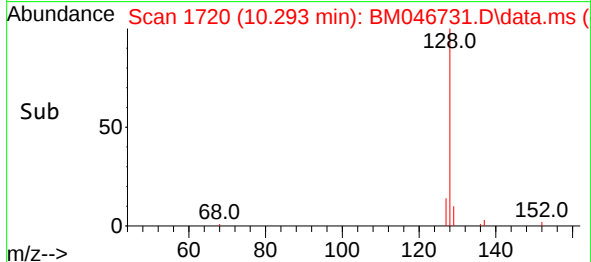
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:128 Resp: 590
Ion Ratio Lower Upper
128 100
129 27.7 10.3 15.5#
127 25.6 12.2 18.4#

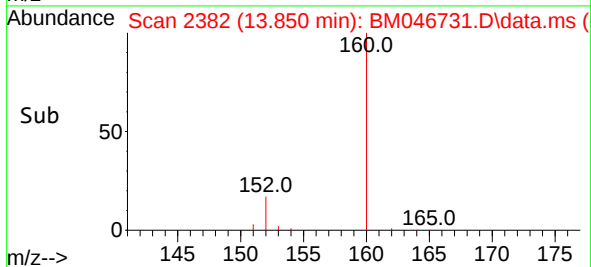
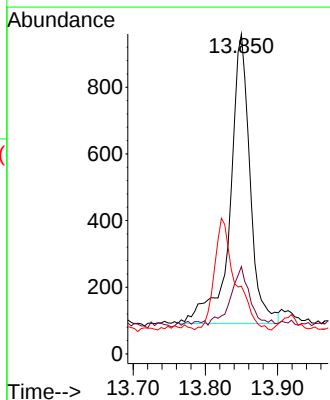
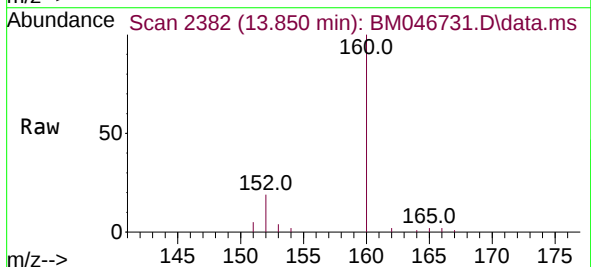
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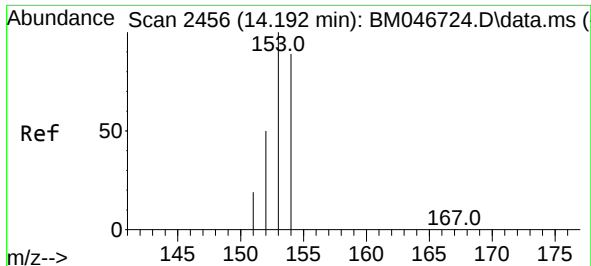
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 13.850 min Scan# 2382
Delta R.T. 0.001 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

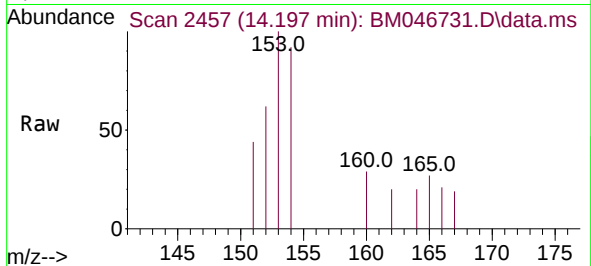
Tgt Ion:152 Resp: 1664
Ion Ratio Lower Upper
152 100
151 27.3 16.4 24.6#
153 21.1 12.4 18.6#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.197 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

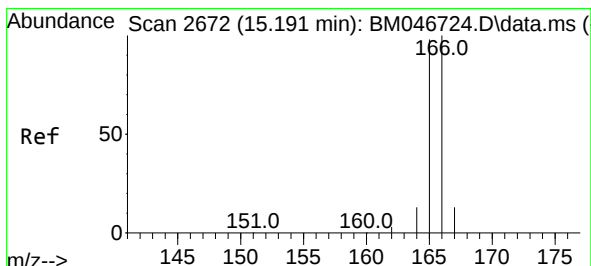
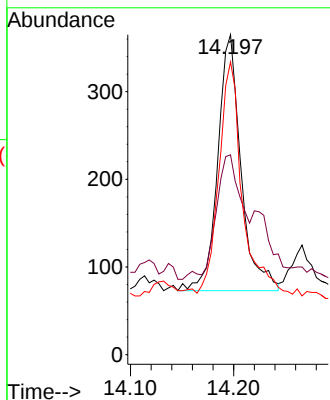
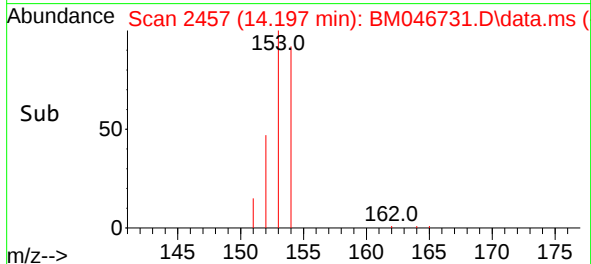
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:153 Resp: 458
Ion Ratio Lower Upper
153 100
152 62.5 43.0 64.6
154 91.5 69.9 104.9

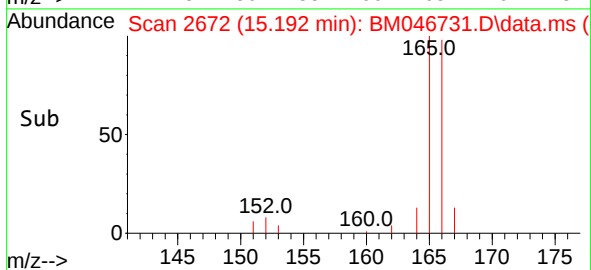
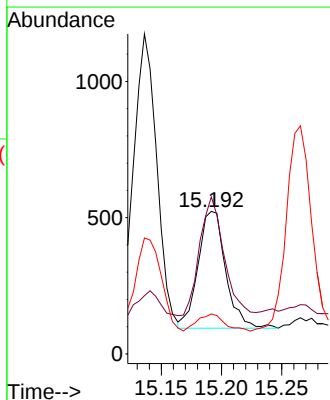
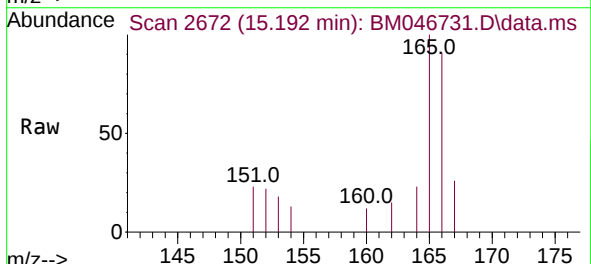
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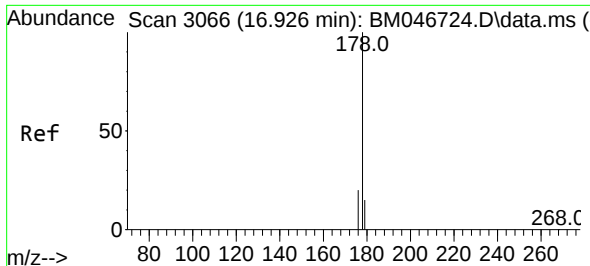
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.192 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

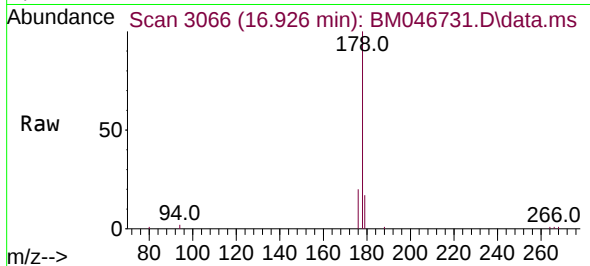
Tgt Ion:166 Resp: 681
Ion Ratio Lower Upper
166 100
165 110.1 76.1 114.1
167 28.1 12.5 18.7#





#15
Phenanthrene
Concen: 0.270 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

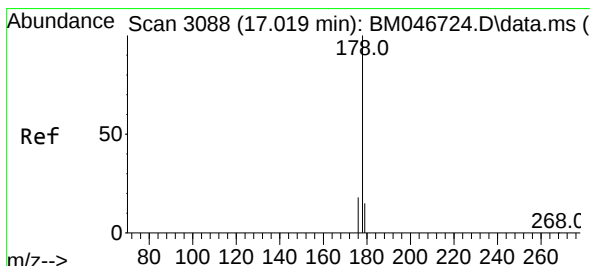
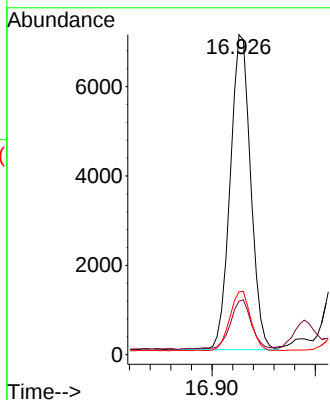
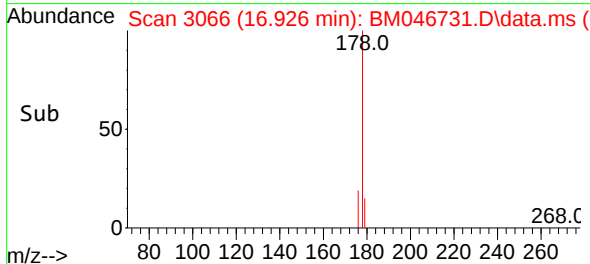
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:178 Resp: 9680
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 19.6 16.0 24.0

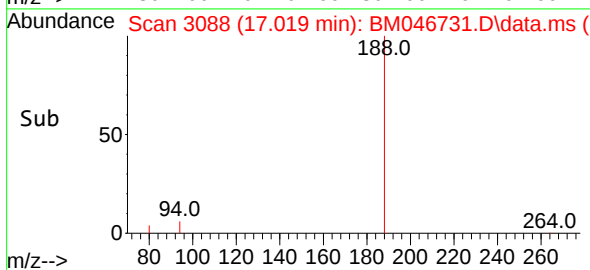
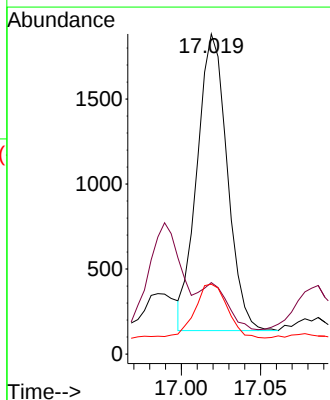
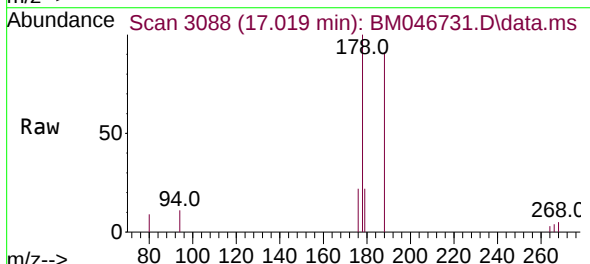
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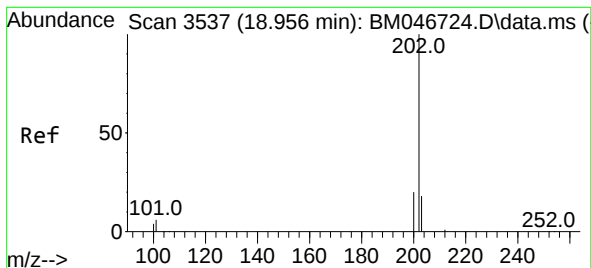
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#16
Anthracene
Concen: 0.066 ng/u1
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

Tgt Ion:178 Resp: 2309
Ion Ratio Lower Upper
178 100
179 22.3 13.5 20.3#
176 21.8 15.7 23.5





#19

Fluoranthene

Concen: 0.344 ng/ul

RT: 18.956 min Scan# 3537

Delta R.T. 0.001 min

Lab File: BM046731.D

Acq: 19 Jul 2024 18:02

Instrument :

BNA_M

ClientSampleId :

A4CJ9

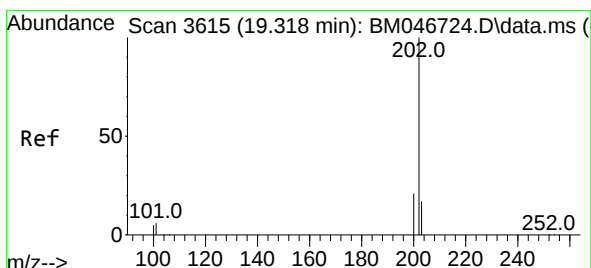
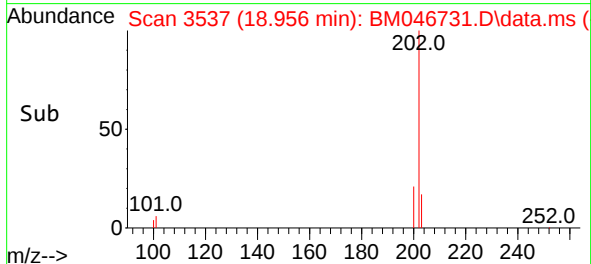
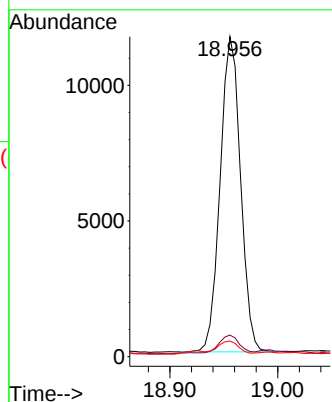
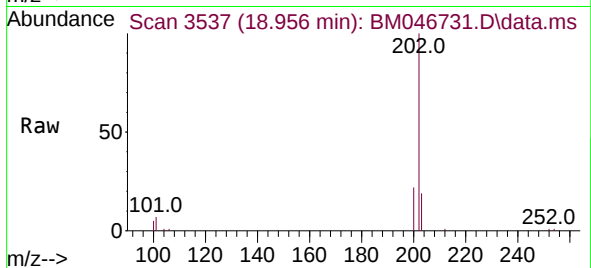
Tgt Ion:	202	Resp:	1528
Ion Ratio	Lower	Upper	
202	100		
101	6.8	4.6	6.8
100	4.9	3.0	4.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#20

Pyrene

Concen: 0.282 ng/ul m

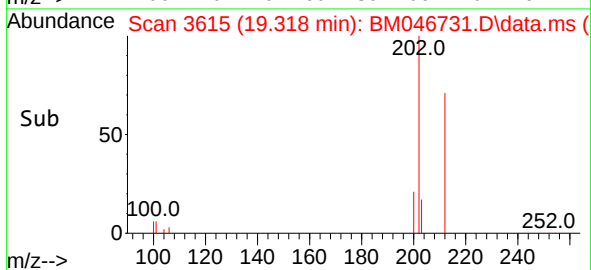
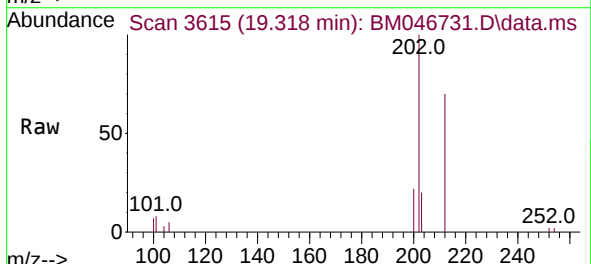
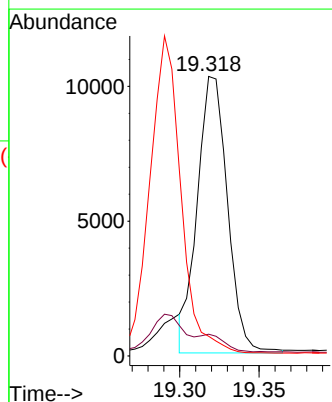
RT: 19.318 min Scan# 3615

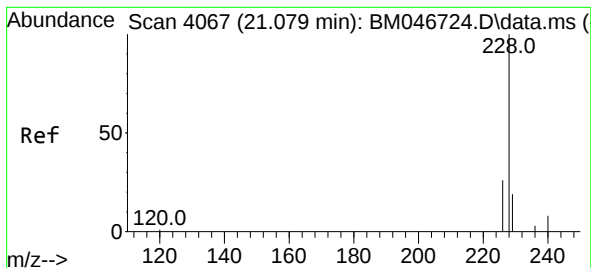
Delta R.T. -0.003 min

Lab File: BM046731.D

Acq: 19 Jul 2024 18:02

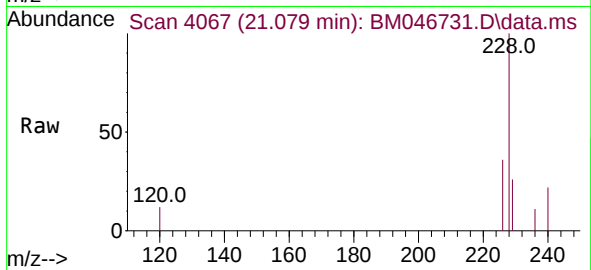
Tgt Ion:	202	Resp:	13584
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.1	7.7#
100	7.1	3.8	5.6#





#21
Benzo(a)anthracene
Concen: 0.174 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.000 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

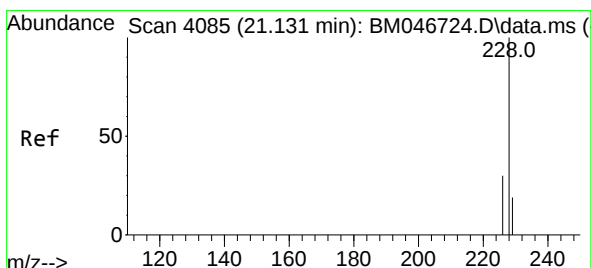
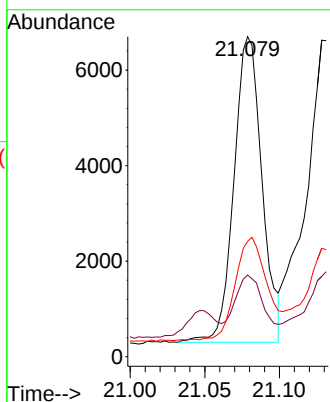
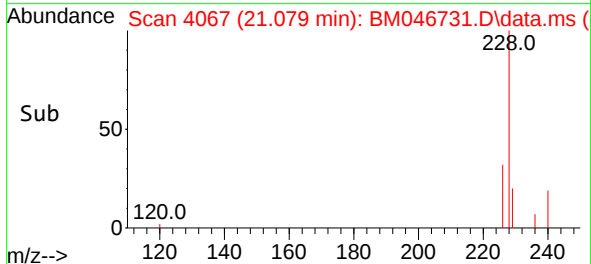
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:228 Resp: 8348
Ion Ratio Lower Upper
228 100
229 25.5 16.5 24.7
226 36.1 22.5 33.7

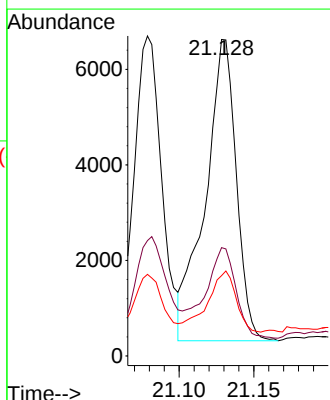
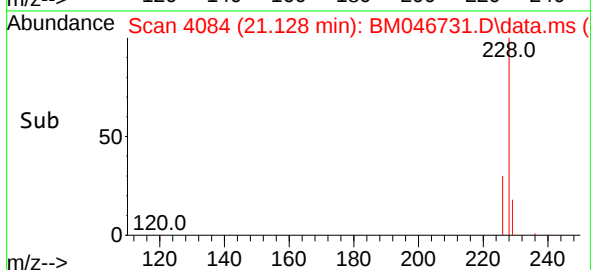
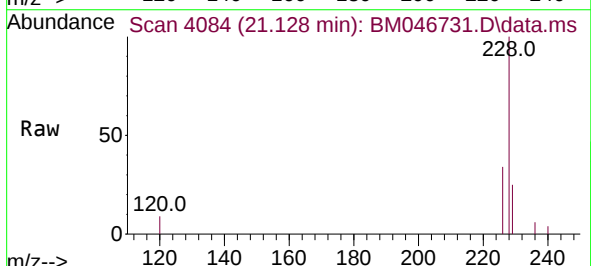
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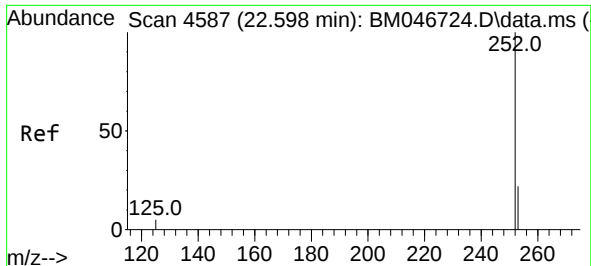
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 0.197 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

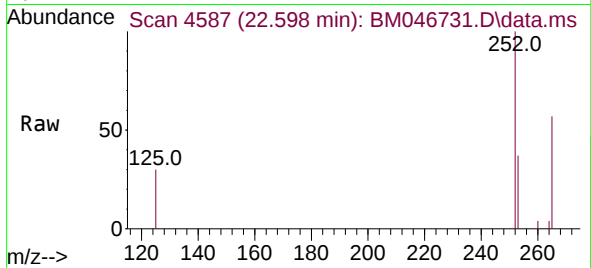
Tgt Ion:228 Resp: 9149
Ion Ratio Lower Upper
228 100
226 34.2 24.3 36.5
229 25.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.259 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

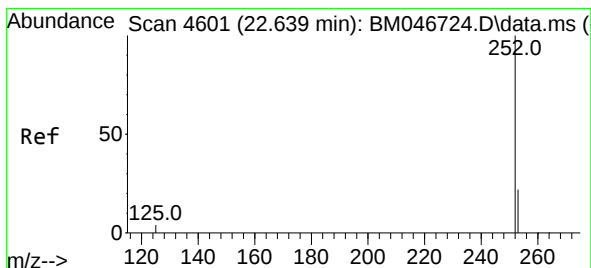
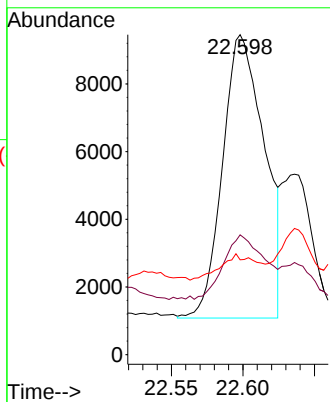
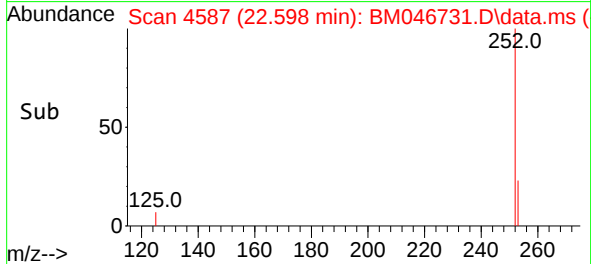
Instrument :
BNA_M
ClientSampleId :
A4CJ9



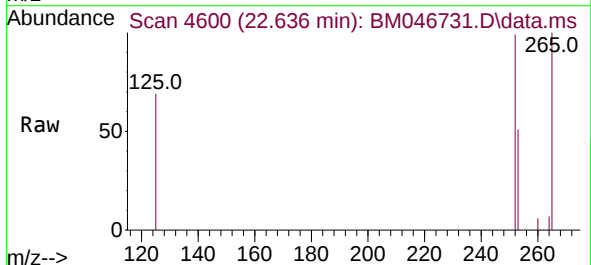
Tgt Ion:252 Resp: 1701
Ion Ratio Lower Upper
252 100
253 37.4 0.0 56.2
125 29.7 0.0 17.8

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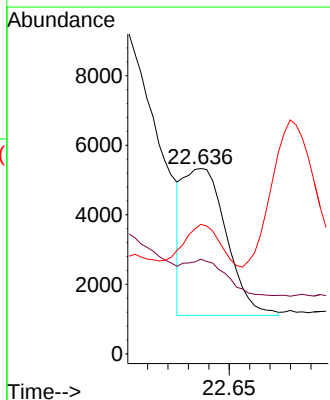
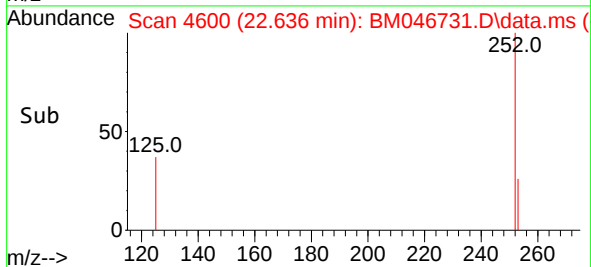
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

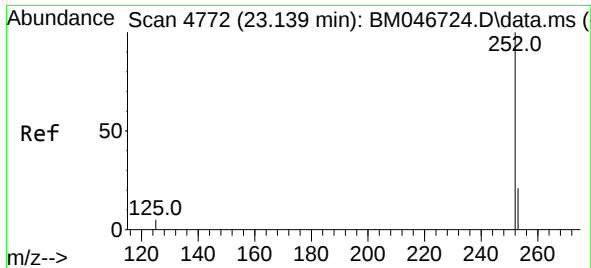


#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02



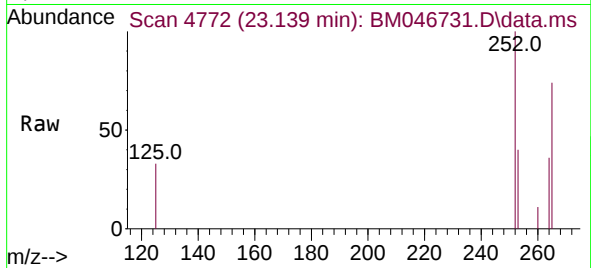
Tgt Ion:252 Resp: 6237
Ion Ratio Lower Upper
252 100
253 51.1 22.4 33.6#
125 69.9 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.192 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. -0.000 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

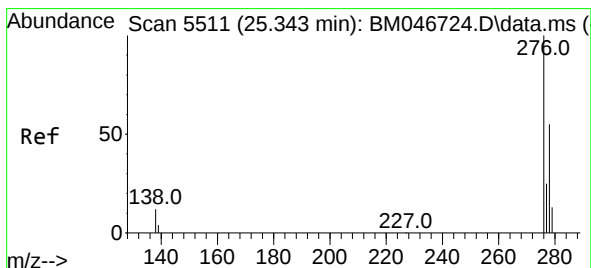
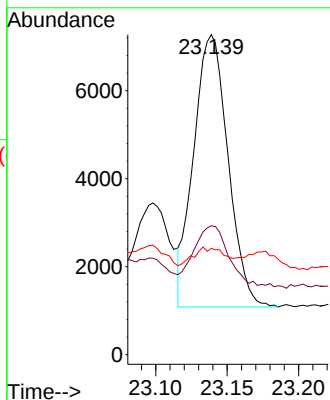
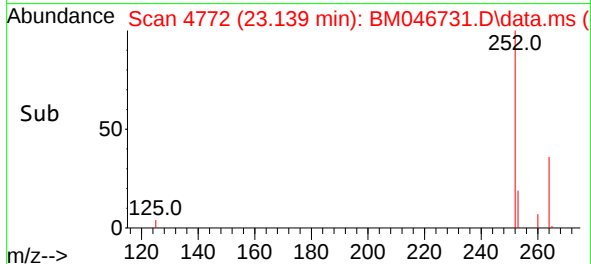
Instrument :
BNA_M
ClientSampleId :
A4CJ9



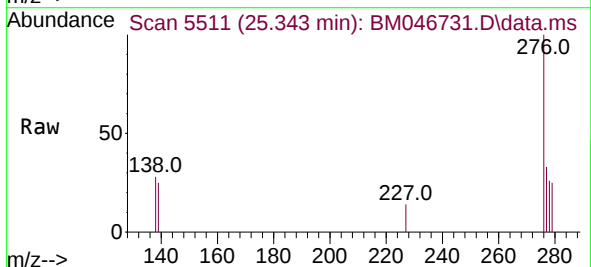
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Ion Ratio Lower Upper
252 100
253 40.3 24.0 36.0#
125 33.2 8.2 12.2#

Manual Integrations
APPROVED

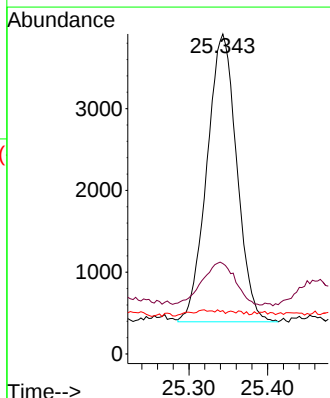
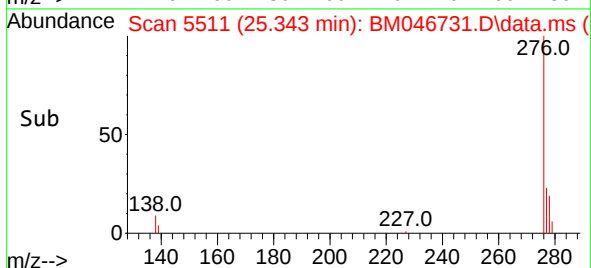
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

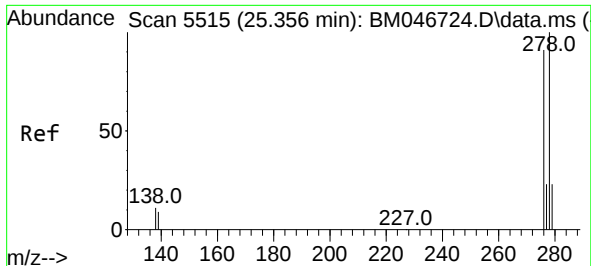


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 25.343 min Scan# 5511
Delta R.T. -0.004 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02



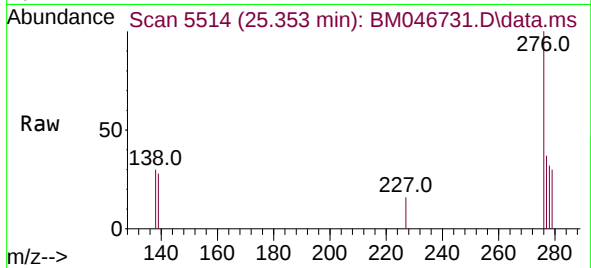
Tgt Ion:276 Resp: 9279
Ion Ratio Lower Upper
276 100
138 16.4 0.0 0.0#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.353 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02

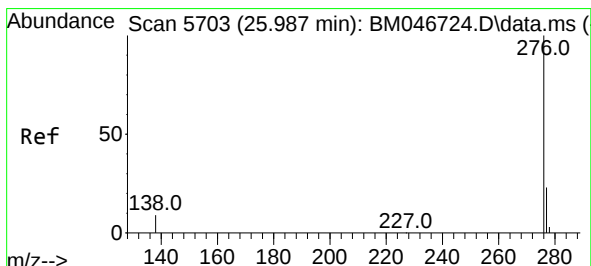
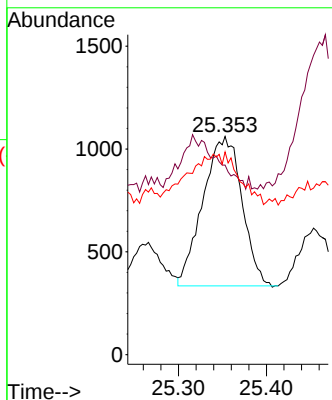
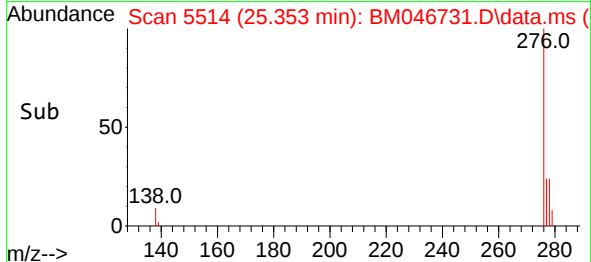
Instrument :
BNA_M
ClientSampleId :
A4CJ9



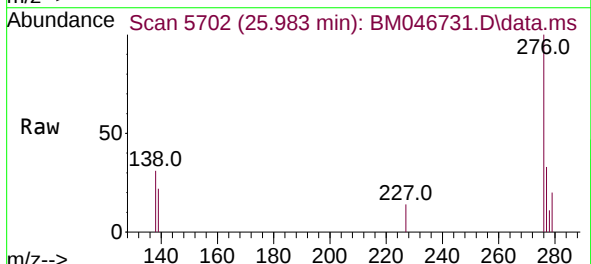
Tgt Ion:278 Resp: 2238
Ion Ratio Lower Upper
278 100
139 86.9 9.1 13.7
279 92.9 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 25.983 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046731.D
Acq: 19 Jul 2024 18:02



Tgt Ion:276 Resp: 9395
Ion Ratio Lower Upper
276 100
138 30.9 10.2 15.4#
277 33.5 20.9 31.3#

