

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046753.D
 Acq On : 22 Jul 2024 15:58
 Operator : MA/JU
 Sample : P3201-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CJ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 17:34:09 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	7.485	152	2700	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7144	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.127	164	4610	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9926m	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	8307	0.400	ng/ul	0.00
23) Perylene-d12	23.227	264	8664	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	9143	4.121	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	3123	0.271	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	6397	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	452	0.025	ng/ul#	67
10) Acenaphthylene	13.845	152	1097	0.052	ng/ul#	84
11) Acenaphthene	14.192	153	313	0.022	ng/ul#	90
12) Fluorene	15.187	166	589	0.034	ng/ul#	87
15) Phenanthrene	16.926	178	7118	0.251	ng/ul	99
16) Anthracene	17.015	178	1739	0.063	ng/ul#	87
19) Fluoranthene	18.951	202	11835	0.347	ng/ul#	96
20) Pyrene	19.318	202	11094m	0.300	ng/ul	
21) Benzo(a)anthracene	21.076	228	5726	0.156	ng/ul	90
22) Chrysene	21.125	228	6645	0.187	ng/ul	94
24) Benzo(b)fluoranthene	22.595	252	8719m	0.252	ng/ul	
25) Benzo(k)fluoranthene	22.633	252	3388m	0.100	ng/ul	
26) Benzo(a)pyrene	23.136	252	5003	0.176	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.333	276	4782	0.110	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.350	278	1223	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	25.983	276	4747	0.137	ng/ul#	81

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

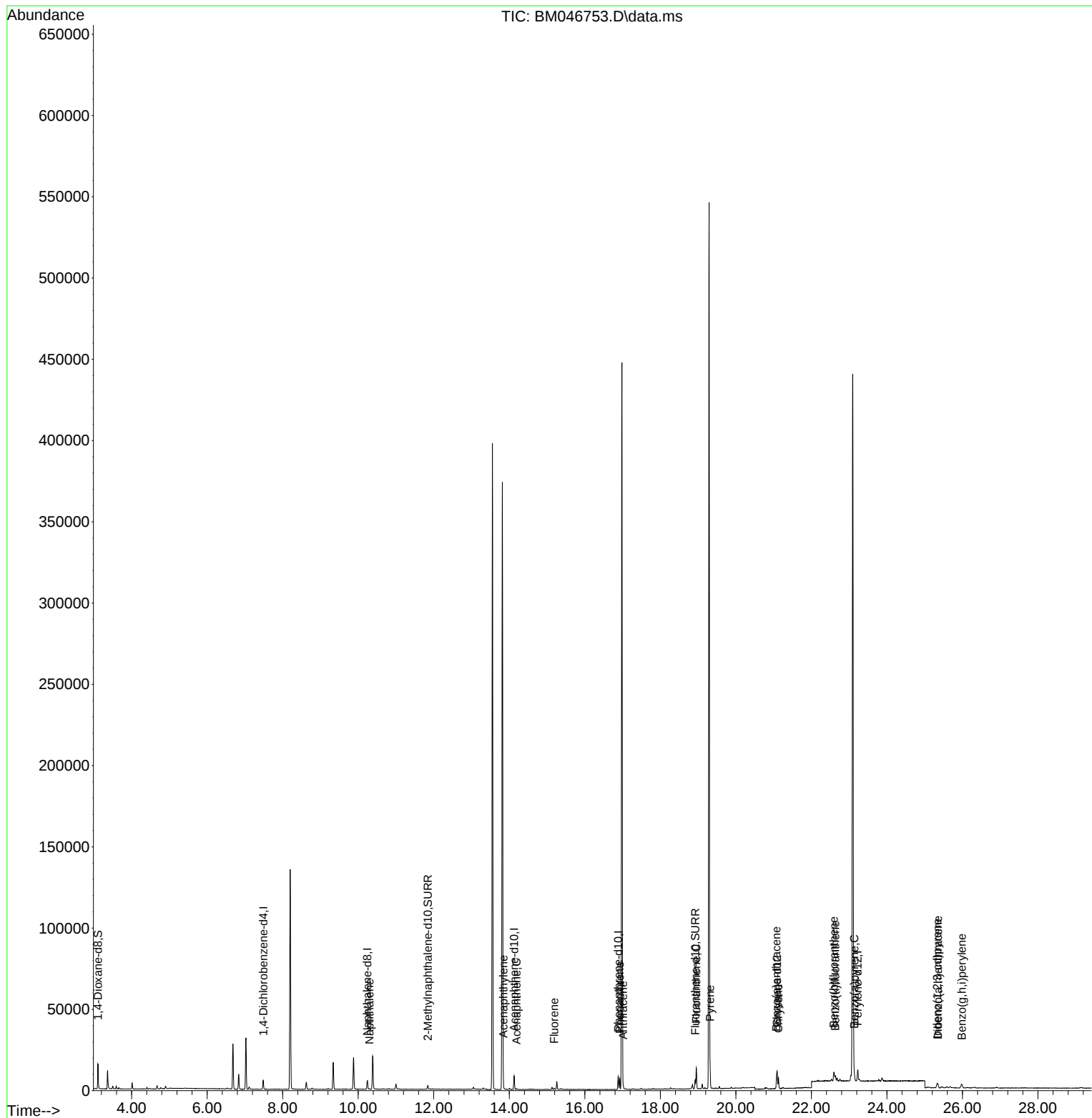
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046753.D
Acq On : 22 Jul 2024 15:58
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

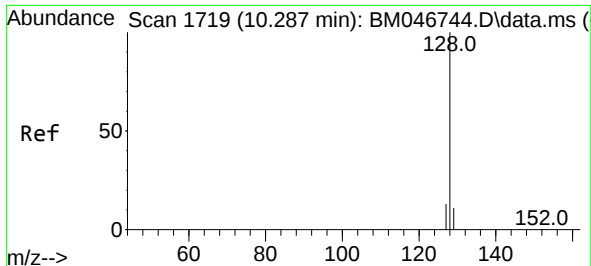
Instrument :
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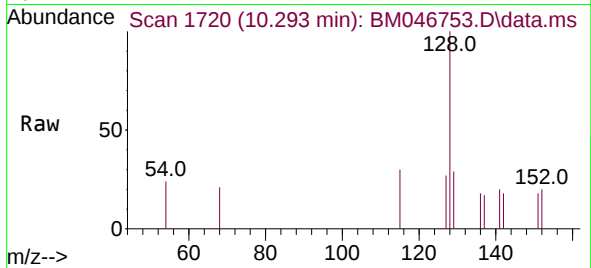
Quant Time: Jul 22 17:34:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.293 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

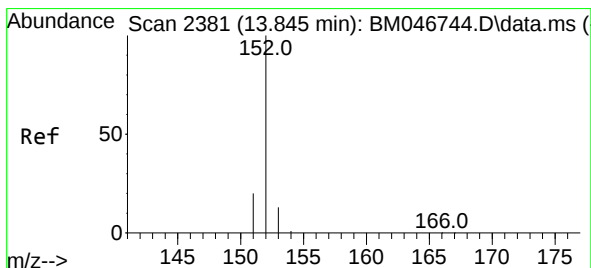
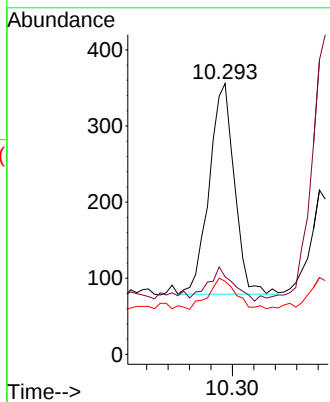
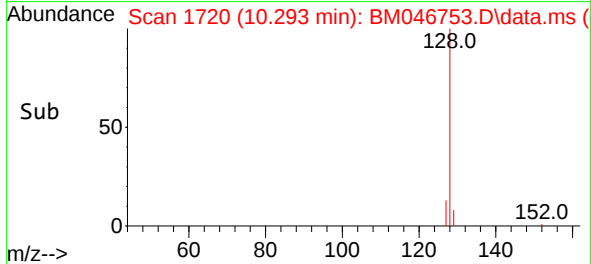
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:128 Resp: 452
Ion Ratio Lower Upper
128 100
129 28.7 10.3 15.5#
127 27.0 12.2 18.4#

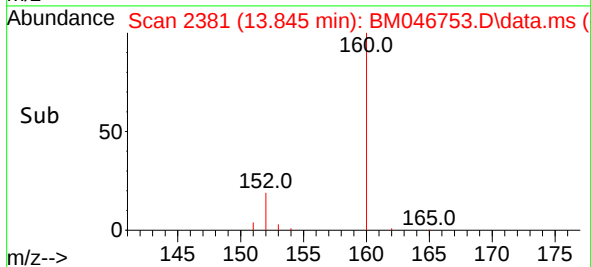
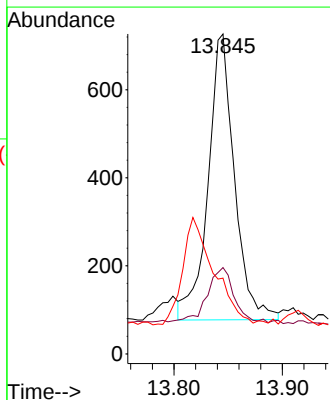
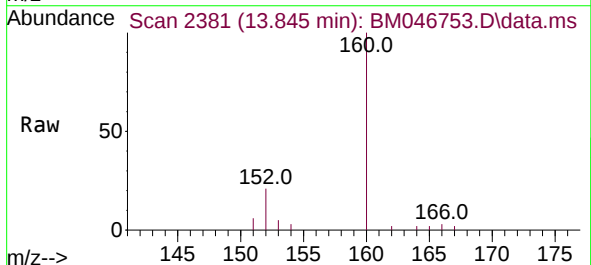
Manual Integrations
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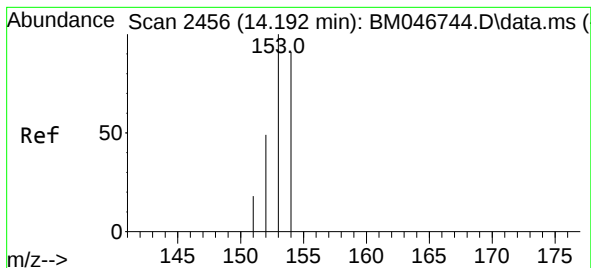
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 13.845 min Scan# 2381
Delta R.T. -0.003 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

Tgt Ion:152 Resp: 1097
Ion Ratio Lower Upper
152 100
151 27.0 16.4 24.6#
153 23.7 12.4 18.6#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.192 min Scan# 2456

Delta R.T. -0.003 min

Lab File: BM046753.D

Acq: 22 Jul 2024 15:58

Instrument :

BNA_M

ClientSampleId :

A4CJ9

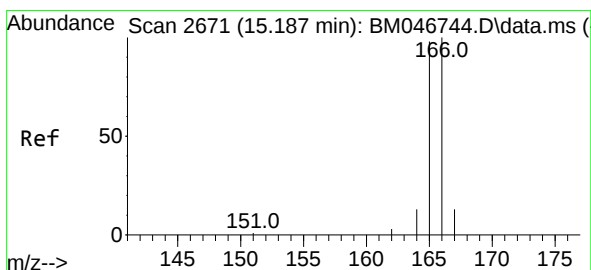
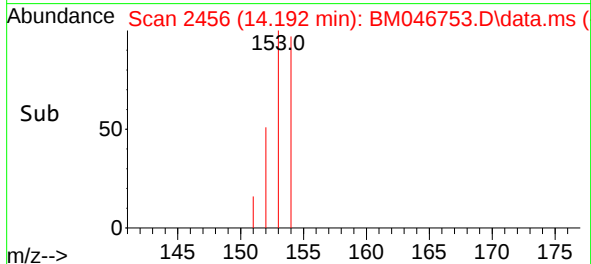
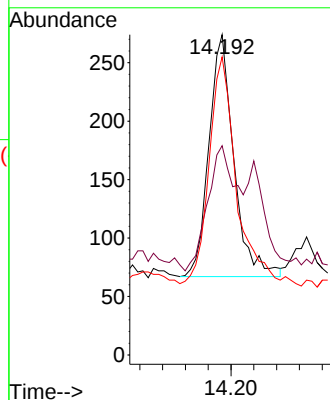
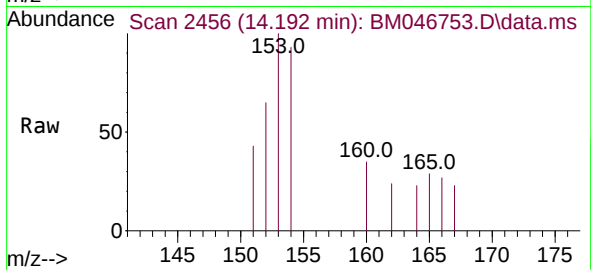
Tgt Ion:	153	Resp:	311
Ion Ratio	Lower	Upper	
153	100		
152	65.3	43.0	64.6
154	93.1	69.9	104.9

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#12

Fluorene

Concen: 0.034 ng/ul

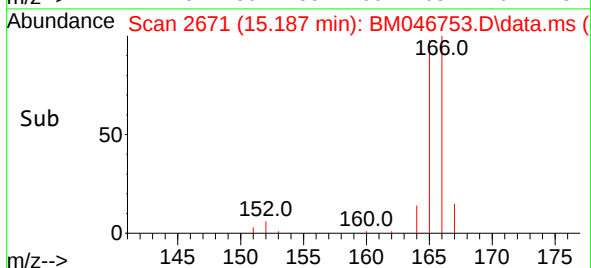
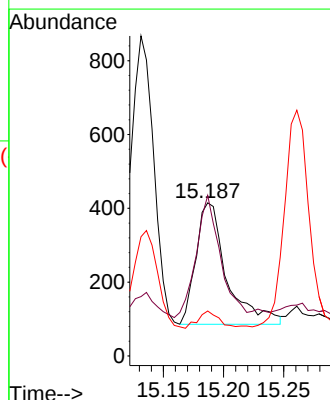
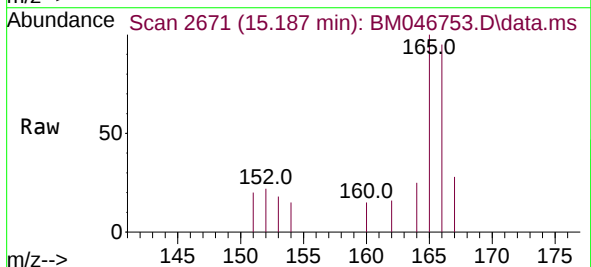
RT: 15.187 min Scan# 2671

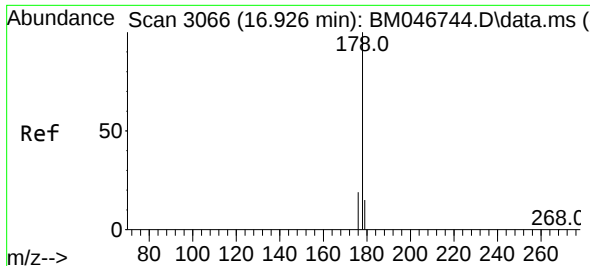
Delta R.T. -0.003 min

Lab File: BM046753.D

Acq: 22 Jul 2024 15:58

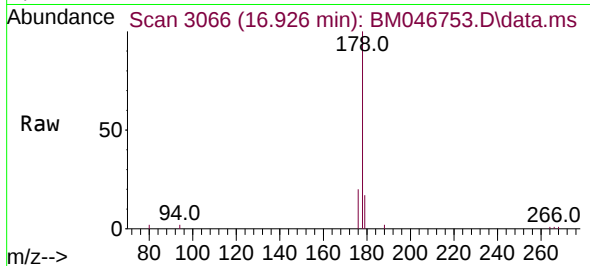
Tgt Ion:	166	Resp:	589
Ion Ratio	Lower	Upper	
166	100		
165	104.8	76.1	114.1
167	29.4	12.5	18.7





#15
Phenanthrene
Concen: 0.251 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

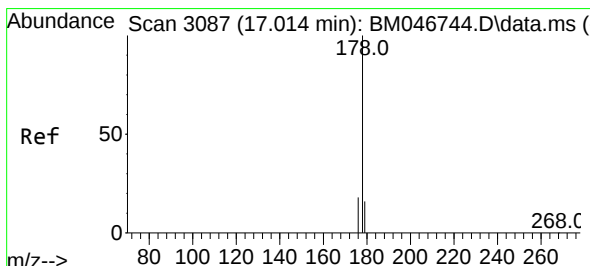
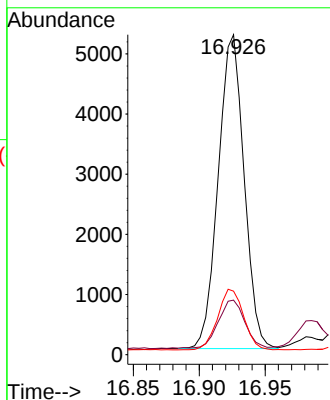
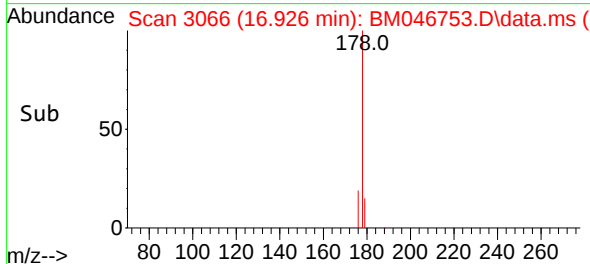
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:178 Resp: 7118
Ion Ratio Lower Upper
178 100
179 17.0 13.1 19.7
176 19.8 16.0 24.0

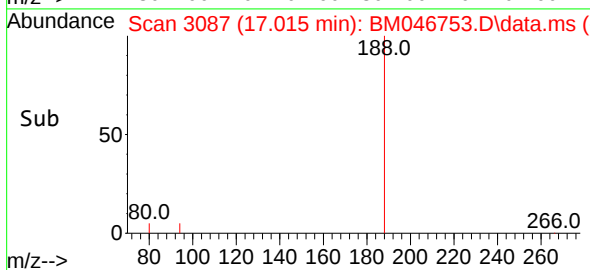
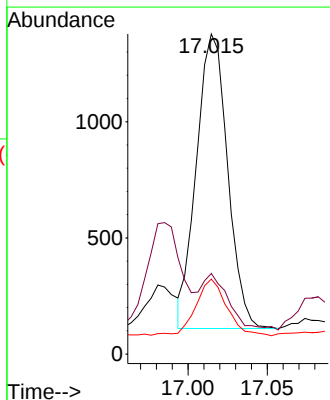
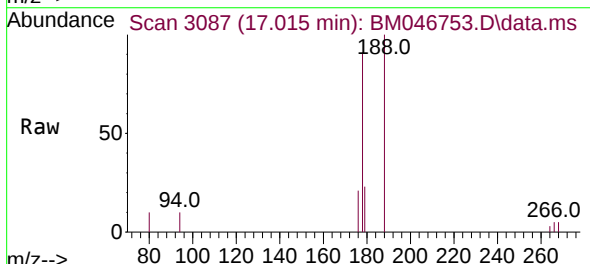
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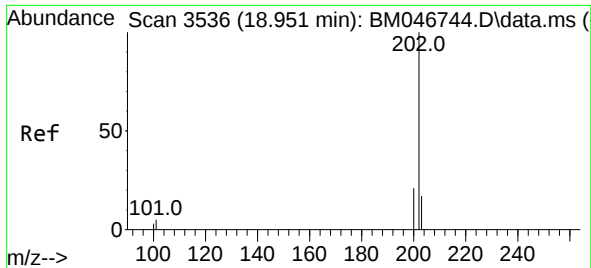
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 0.063 ng/u1
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

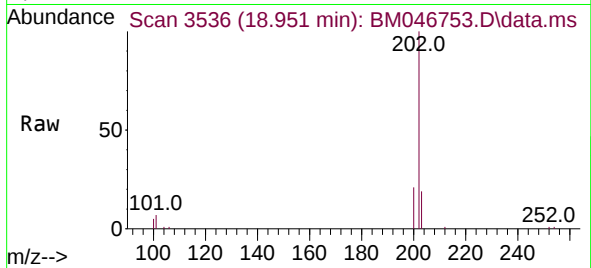
Tgt Ion:178 Resp: 1739
Ion Ratio Lower Upper
178 100
179 25.2 13.5 20.3#
176 23.4 15.7 23.5





#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 18.951 min Scan# 3536
Delta R.T. -0.003 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

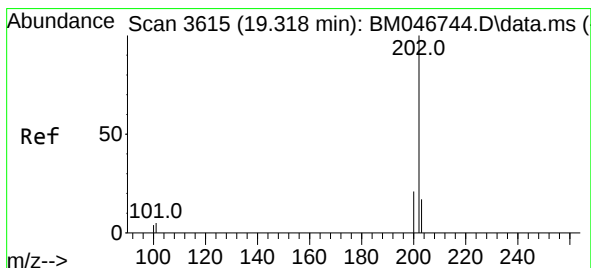
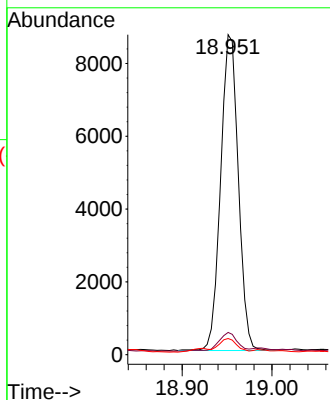
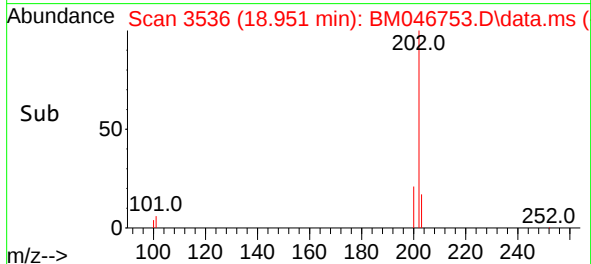
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:202 Resp: 11835
Ion Ratio Lower Upper
202 100
101 7.0 4.6 6.8
100 5.1 3.0 4.6

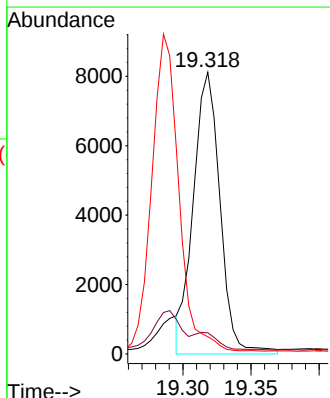
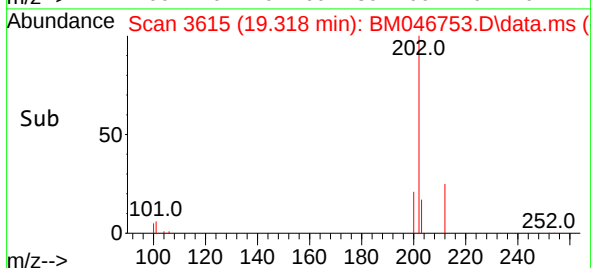
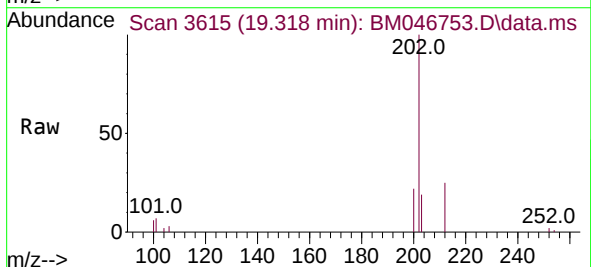
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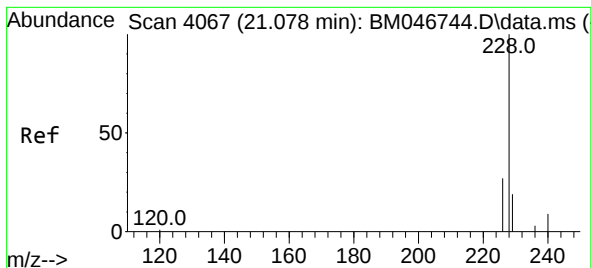
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 0.300 ng/ul m
RT: 19.318 min Scan# 3615
Delta R.T. -0.003 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

Tgt Ion:202 Resp: 11094
Ion Ratio Lower Upper
202 100
101 7.5 5.1 7.7
100 6.1 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.156 ng/uI

RT: 21.076 min Scan# 4067

Delta R.T. -0.003 min

Lab File: BM046753.D

Acq: 22 Jul 2024 15:58

Instrument :

BNM

ClientSampleId :

A4CJ9

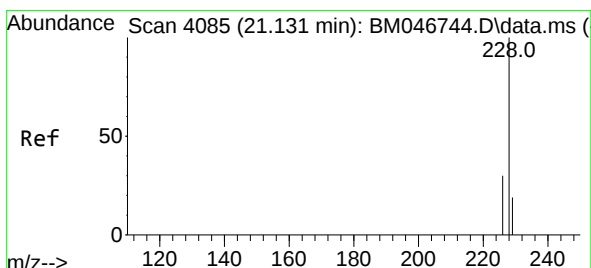
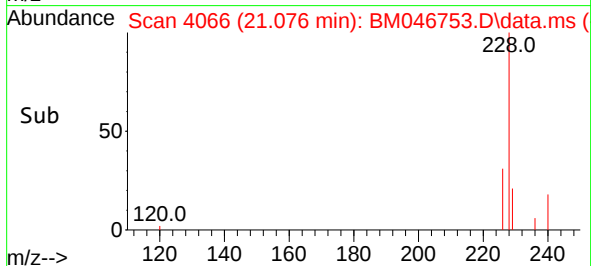
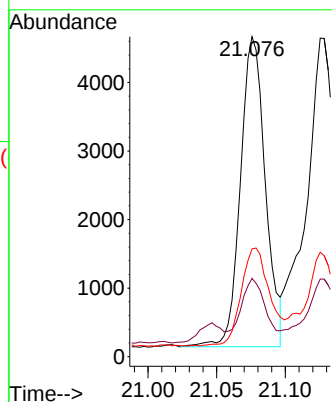
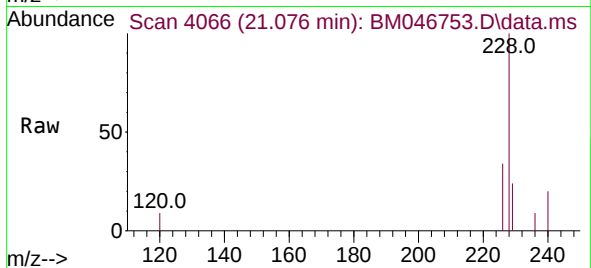
Tgt Ion:228	Resp:	5720
Ion Ratio	Lower	Upper
228	100	
229	24.4	16.5 24.7
226	33.7	22.5 33.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#22

Chrysene

Concen: 0.187 ng/uI

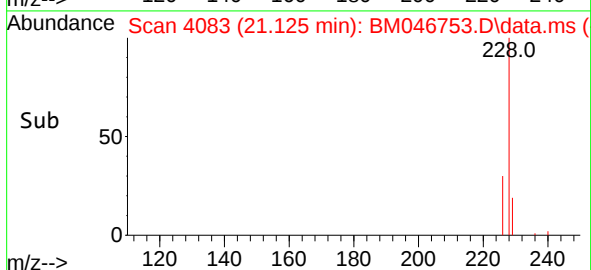
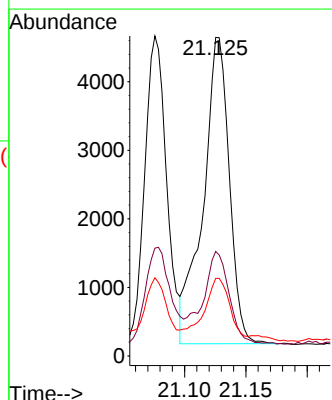
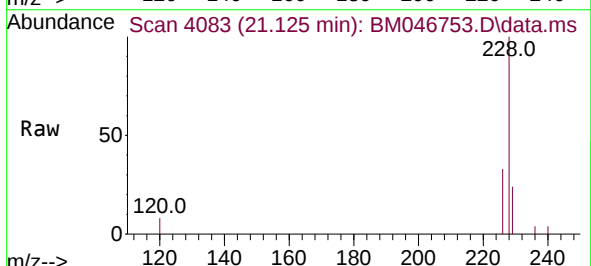
RT: 21.125 min Scan# 4083

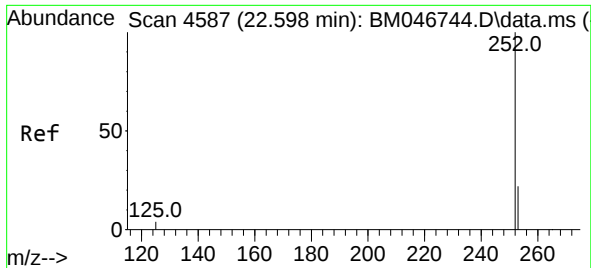
Delta R.T. -0.006 min

Lab File: BM046753.D

Acq: 22 Jul 2024 15:58

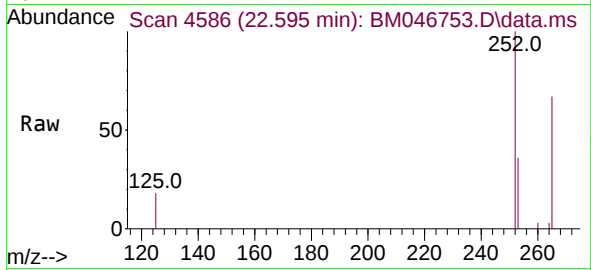
Tgt Ion:228	Resp:	6645
Ion Ratio	Lower	Upper
228	100	
226	32.8	24.3 36.5
229	24.4	16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.252 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

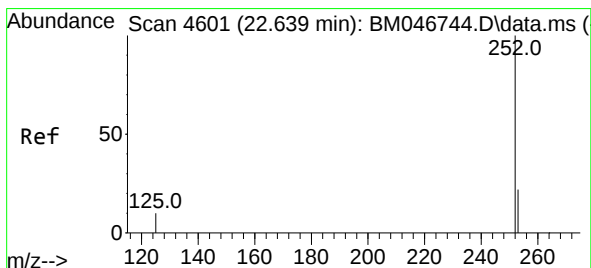
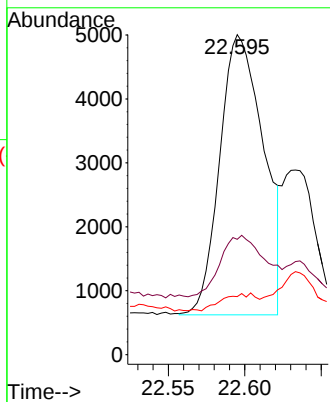
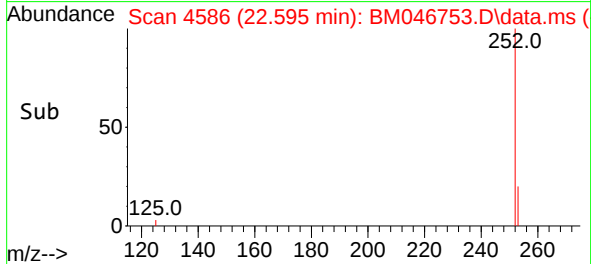
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:252 Resp: 8719
Ion Ratio Lower Upper
252 100
253 36.1 0.0 56.2
125 18.1 0.0 17.8

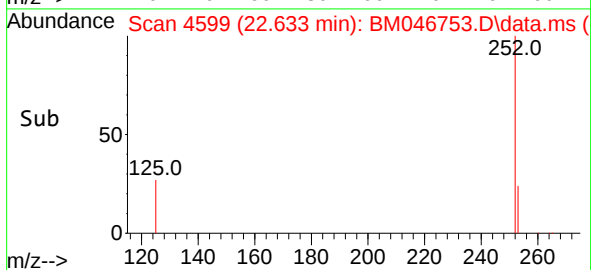
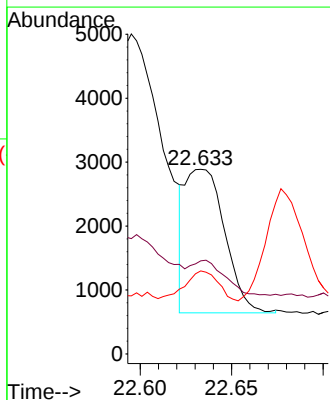
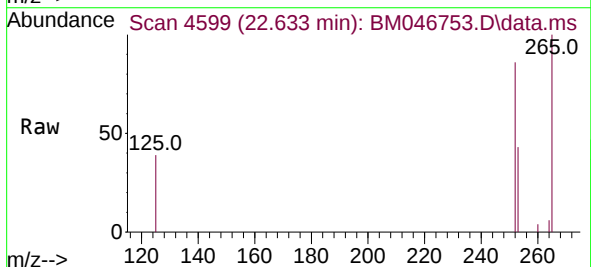
Manual Integrations
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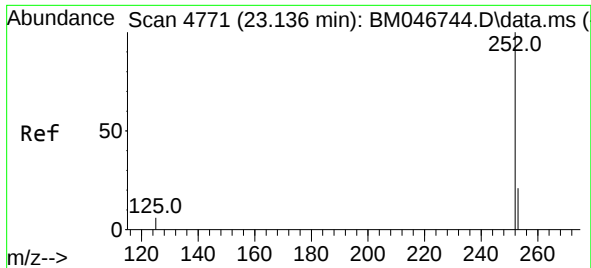
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.633 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

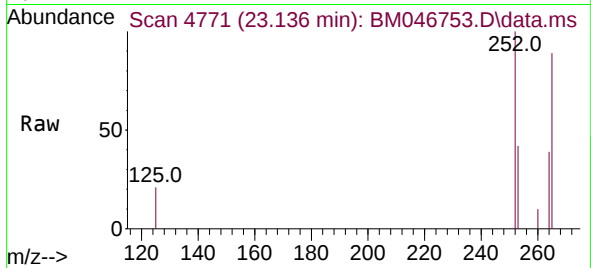
Tgt Ion:252 Resp: 3388
Ion Ratio Lower Upper
252 100
253 50.4 22.4 33.6#
125 45.0 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.136 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

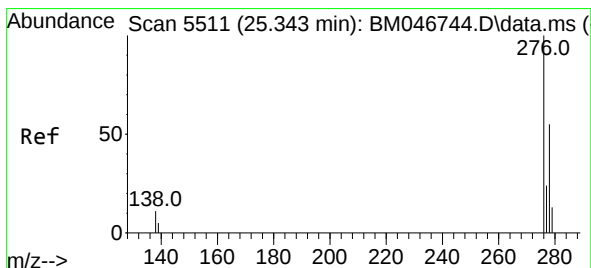
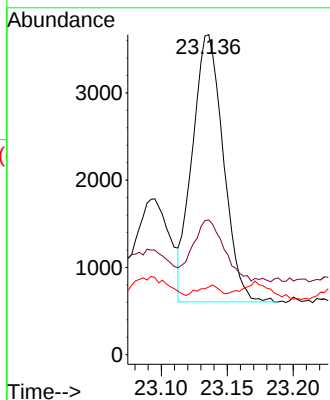
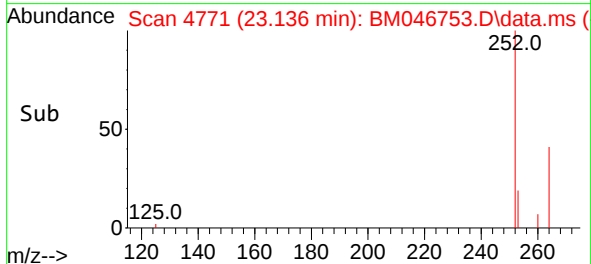
Instrument :
BNA_M
ClientSampleId :
A4CJ9



Tgt Ion:252 Resp: 500
Ion Ratio Lower Upper
252 100
253 42.1 24.0 36.0
125 21.2 8.2 12.2

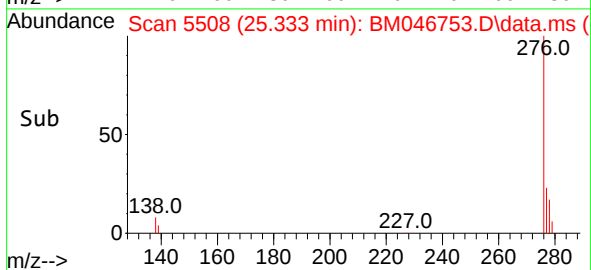
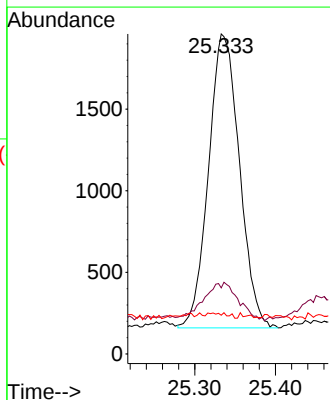
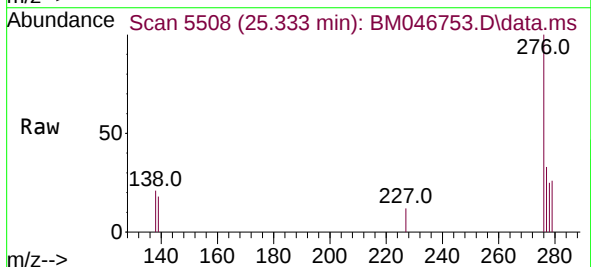
Manual Integrations
APPROVED

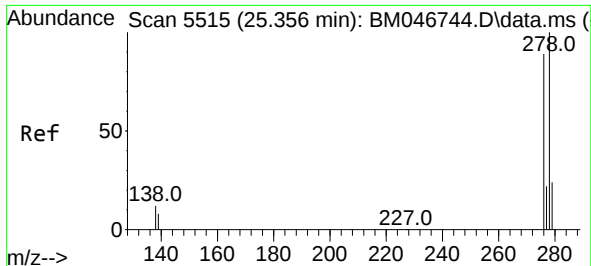
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 25.333 min Scan# 5508
Delta R.T. -0.014 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

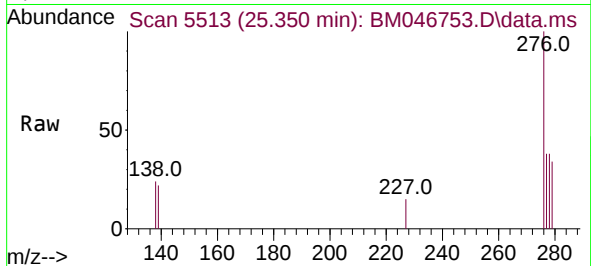
Tgt Ion:276 Resp: 4782
Ion Ratio Lower Upper
276 100
138 14.8 0.0 0.0#
227 1.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.350 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58

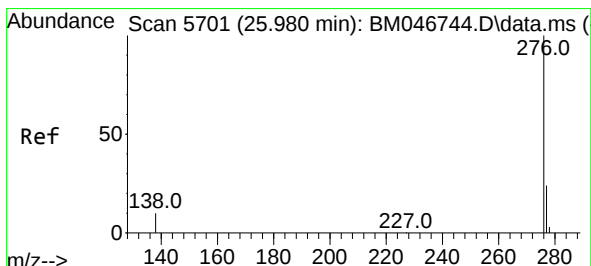
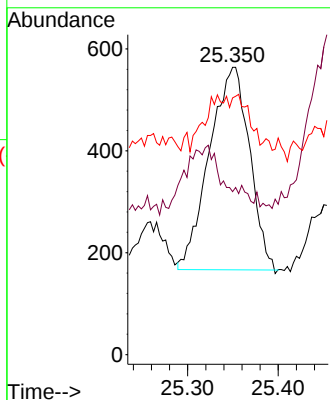
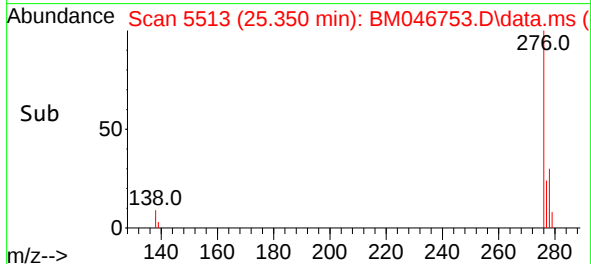
Instrument :
BNA_M
ClientSampleId :
A4CJ9



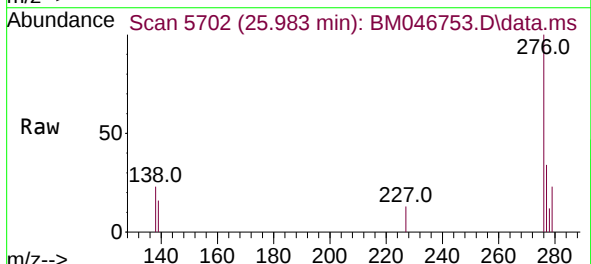
Tgt Ion:278 Resp: 122
Ion Ratio Lower Upper
278 100
139 56.7 9.1 13.7
279 89.4 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 25.983 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046753.D
Acq: 22 Jul 2024 15:58



Tgt Ion:276 Resp: 4747
Ion Ratio Lower Upper
276 100
138 23.4 10.2 15.4#
277 33.7 20.9 31.3#

