

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046774.D
 Acq On : 23 Jul 2024 12:41
 Operator : MA/JU
 Sample : P3238-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BF4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 13:23:18 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	7.480	152	4863	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	8710	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.123	164	5881	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	12637	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	9691	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	9455	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1356	0.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	522	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.919	212	1257	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	560	0.025	ng/ul#	73
10) Acenaphthylene	13.841	152	1186	0.044	ng/ul#	89
11) Acenaphthene	14.188	153	756	0.042	ng/ul	98
12) Fluorene	15.182	166	1030	0.046	ng/ul#	94
15) Phenanthrene	16.918	178	32781	0.909	ng/ul	98
16) Anthracene	17.010	178	4843	0.138	ng/ul	99
19) Fluoranthene	18.951	202	107320	2.696	ng/ul	98
20) Pyrene	19.314	202	71171	1.651	ng/ul	98
21) Benzo(a)anthracene	21.073	228	39588	0.923	ng/ul	99
22) Chrysene	21.122	228	50367	1.214	ng/ul	100
24) Benzo(b)fluoranthene	22.589	252	66967m	1.773	ng/ul	
25) Benzo(k)fluoranthene	22.627	252	24095m	0.650	ng/ul	
26) Benzo(a)pyrene	23.127	252	20454	0.658	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.323	276	22554	0.477	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.333	278	7209	0.193	ng/ul#	85
29) Benzo(g,h,i)perylene	25.967	276	3458	0.092	ng/ul#	82

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

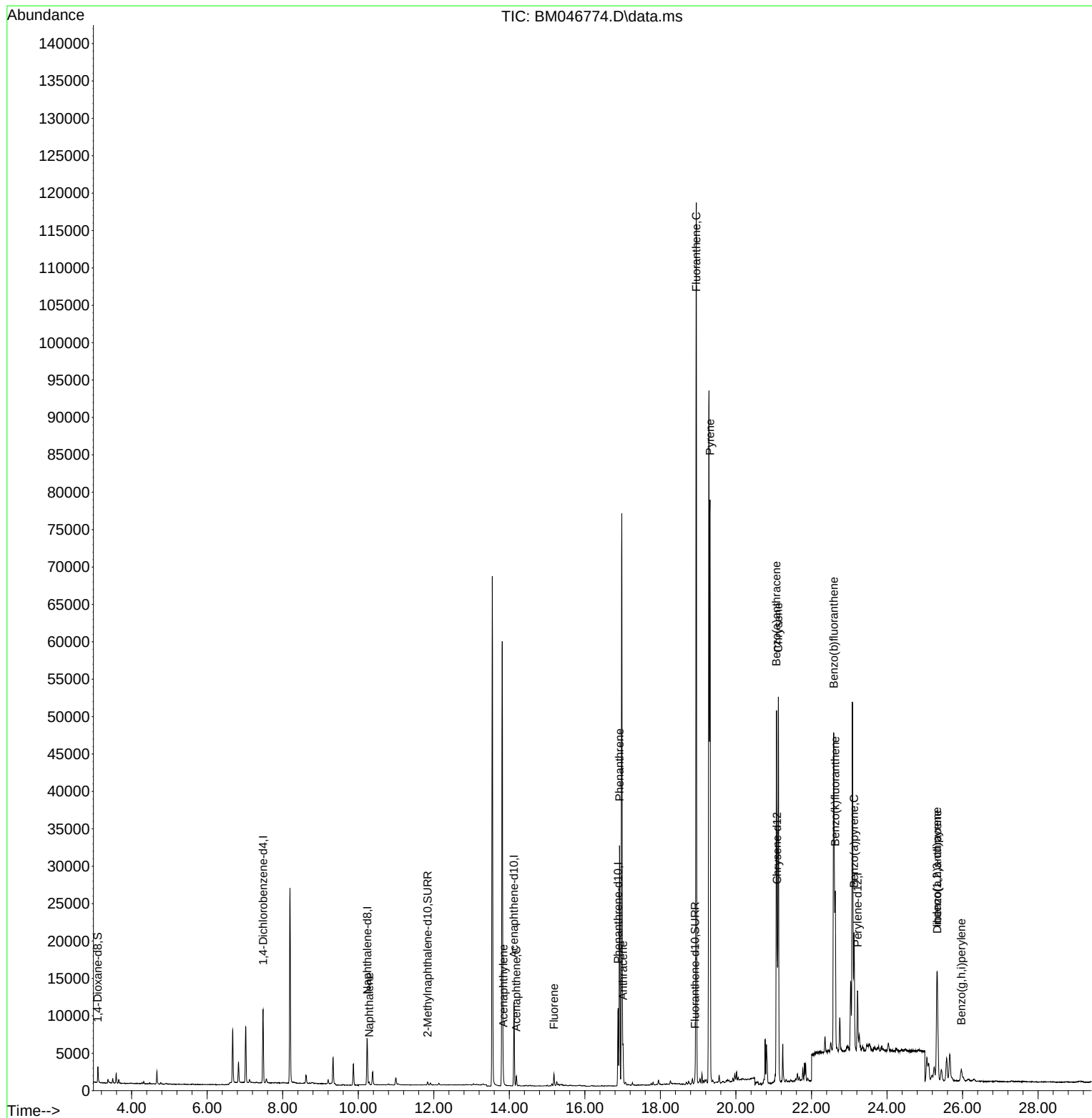
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046774.D
Acq On : 23 Jul 2024 12:41
Operator : MA/JU
Sample : P3238-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

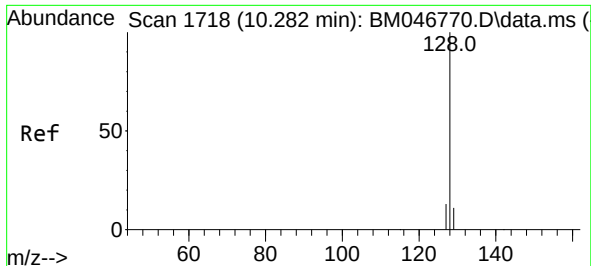
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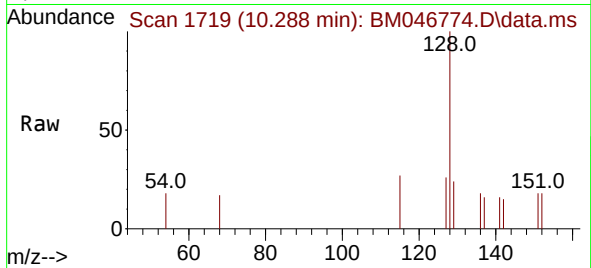
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

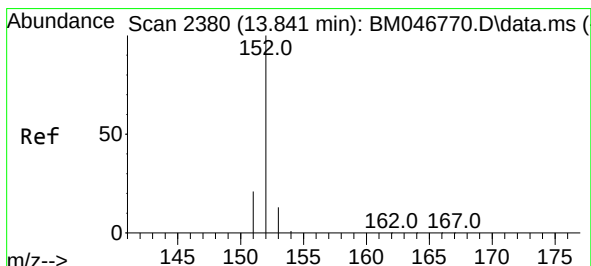
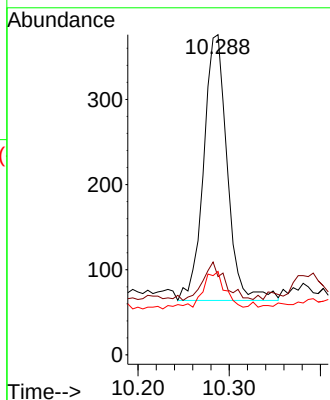
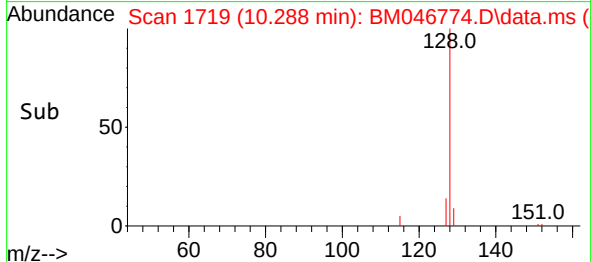
Instrument :
BNA_M
ClientSampleId :
A4BF4DL



Tgt Ion:128 Resp: 560
Ion Ratio Lower Upper
128 100
129 24.5 10.3 15.5#
127 26.1 12.2 18.4#

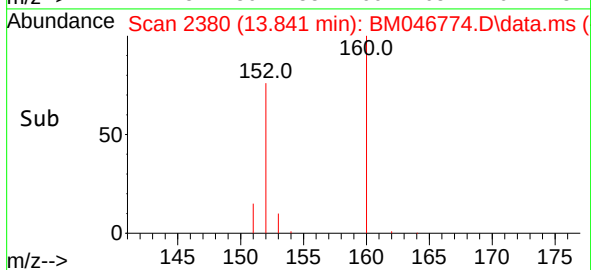
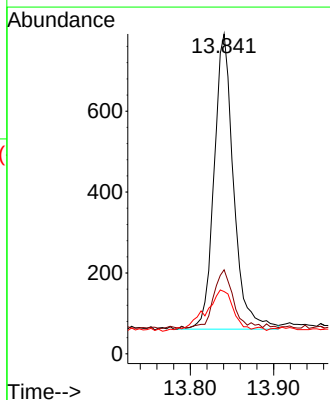
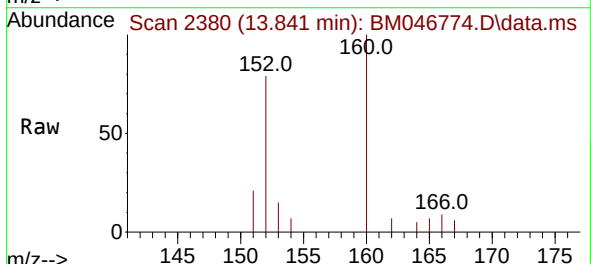
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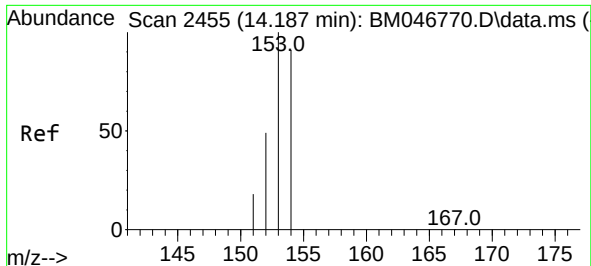
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.841 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

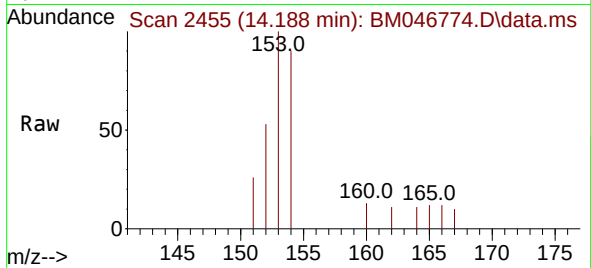
Tgt Ion:152 Resp: 1186
Ion Ratio Lower Upper
152 100
151 26.3 16.4 24.6#
153 19.5 12.4 18.6#





#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

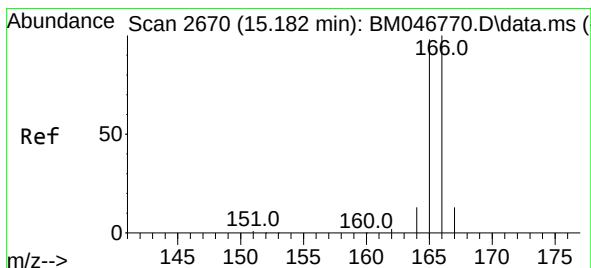
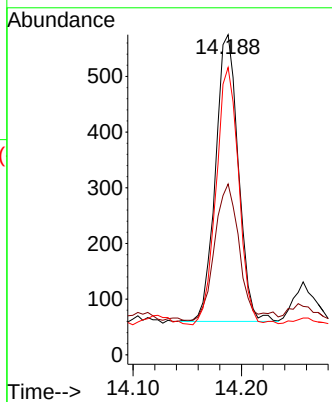
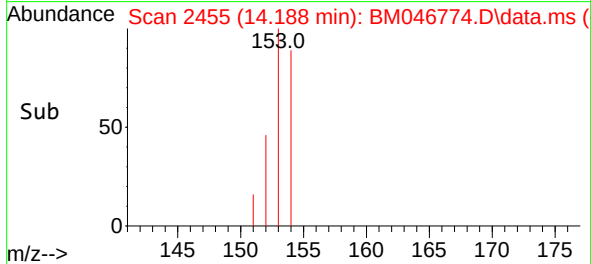
Instrument :
BNA_M
ClientSampleId :
A4BF4DL



Tgt Ion:153 Resp: 750
Ion Ratio Lower Upper
153 100
152 53.4 43.0 64.6
154 89.7 69.9 104.9

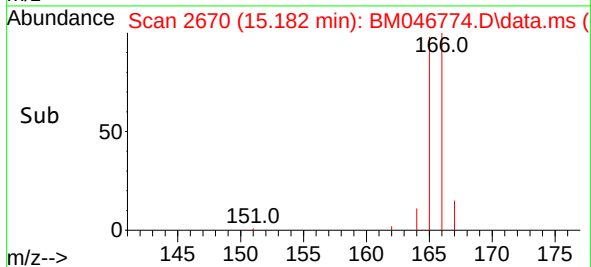
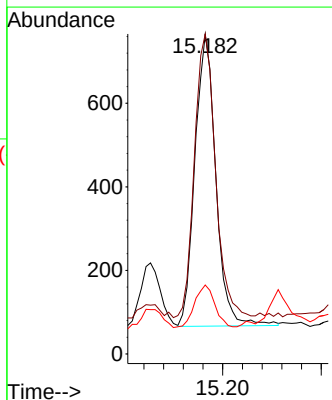
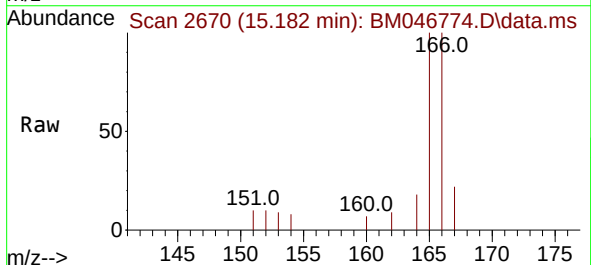
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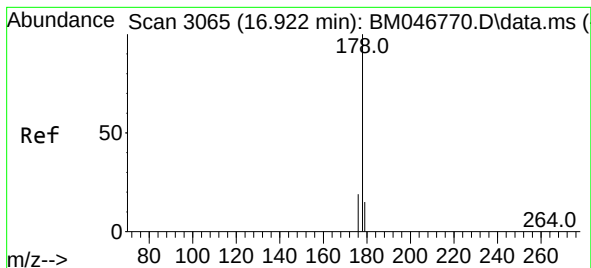
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

Tgt Ion:166 Resp: 1030
Ion Ratio Lower Upper
166 100
165 100.1 76.1 114.1
167 21.6 12.5 18.7#





#15

Phenanthrene

Concen: 0.909 ng/ul

RT: 16.918 min Scan# 3064

Delta R.T. -0.007 min

Lab File: BM046774.D

Acq: 23 Jul 2024 12:41

Instrument :

BNA_M

ClientSampleId :

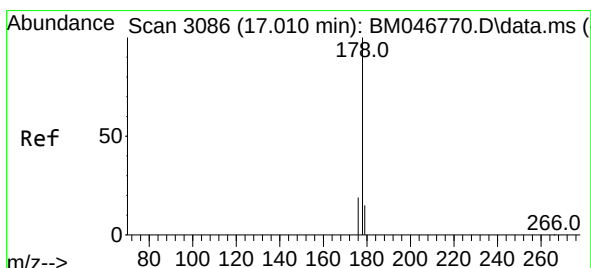
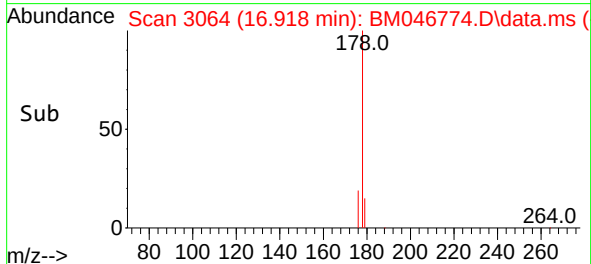
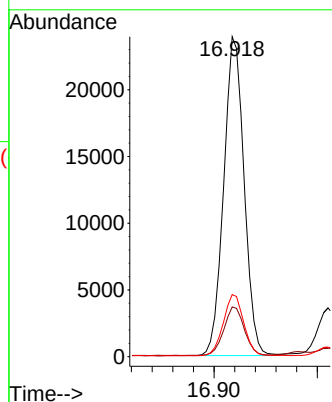
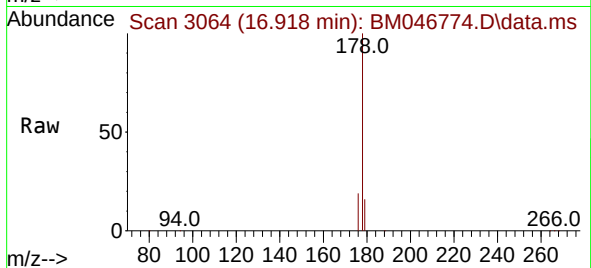
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Tgt Ion:178	Resp:	3278
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.1 19.7
176	19.4	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#16

Anthracene

Concen: 0.138 ng/ul

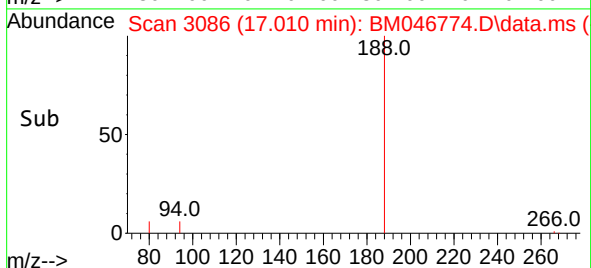
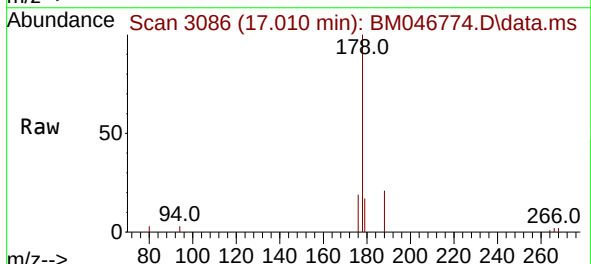
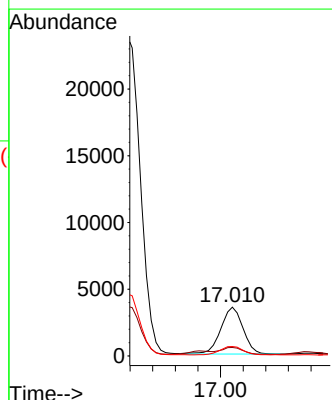
RT: 17.010 min Scan# 3086

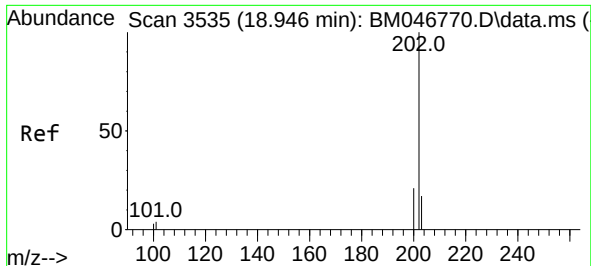
Delta R.T. -0.007 min

Lab File: BM046774.D

Acq: 23 Jul 2024 12:41

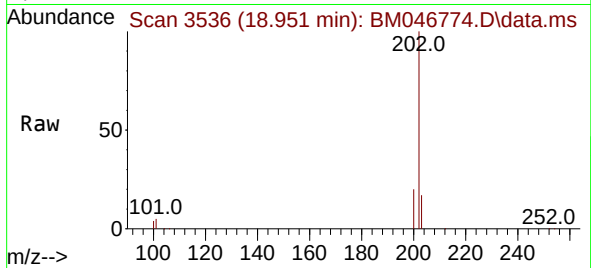
Tgt Ion:178	Resp:	4843
Ion Ratio	Lower	Upper
178	100	
179	17.3	13.5 20.3
176	19.4	15.7 23.5





#19
Fluoranthene
Concen: 2.696 ng/ul
RT: 18.951 min Scan# 3536
Delta R.T. -0.003 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

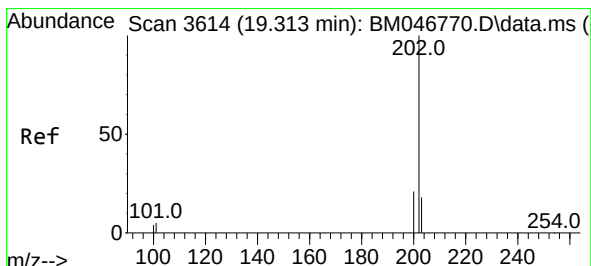
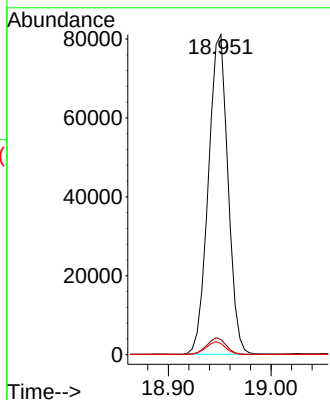
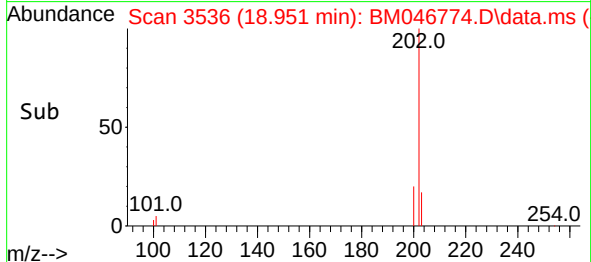
Instrument :
BNA_M
ClientSampleId :
A4BF4DL



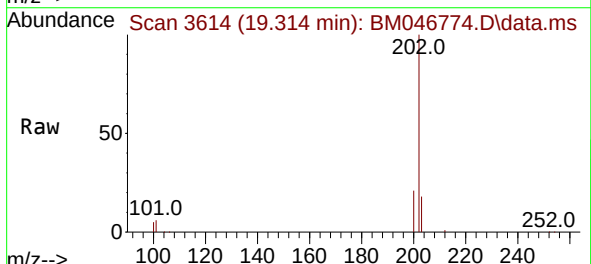
Tgt Ion:202 Resp: 107320
Ion Ratio Lower Upper
202 100
101 4.8 4.6 6.8
100 3.5 3.0 4.6

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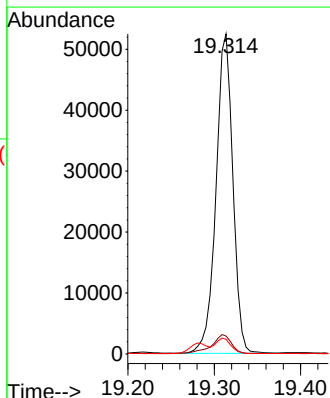
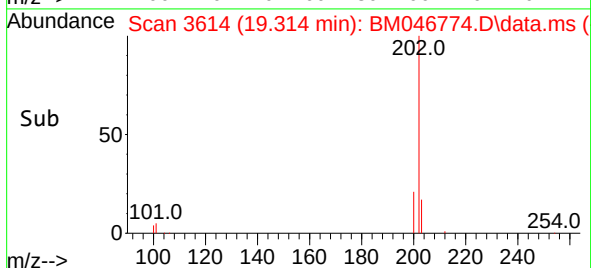
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

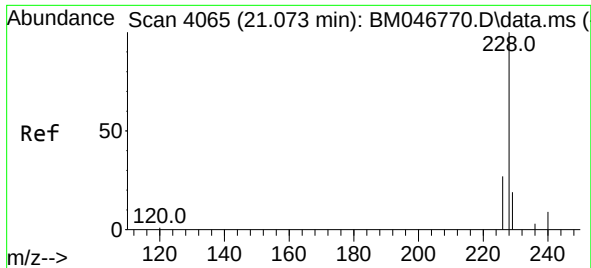


#20
Pyrene
Concen: 1.651 ng/ul
RT: 19.314 min Scan# 3614
Delta R.T. -0.008 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41



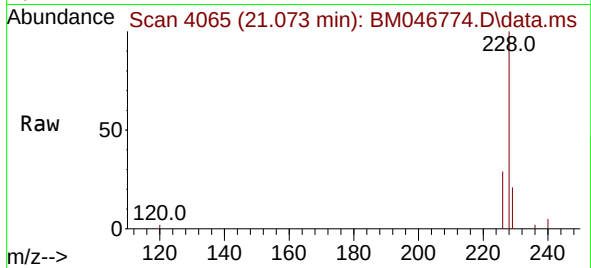
Tgt Ion:202 Resp: 71171
Ion Ratio Lower Upper
202 100
101 5.6 5.1 7.7
100 4.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.923 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

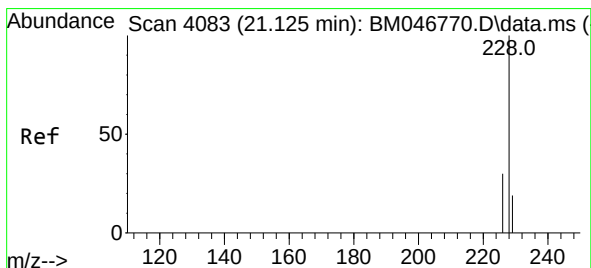
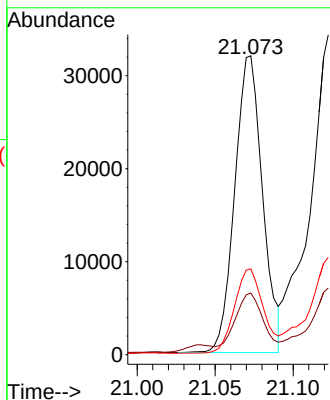
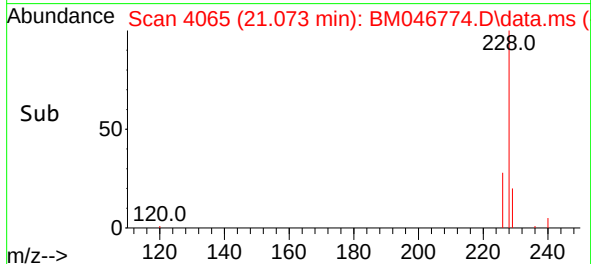
Instrument :
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ClientSampleId :
A4BF4DL



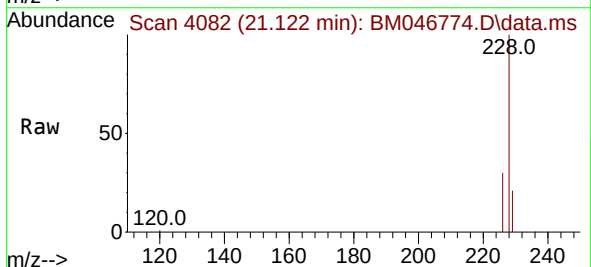
Tgt Ion:228 Resp: 39588
Ion Ratio Lower Upper
228 100
229 20.6 16.5 24.7
226 28.7 22.5 33.7

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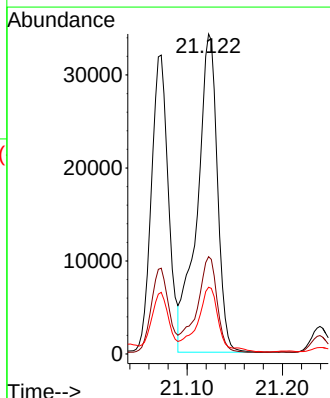
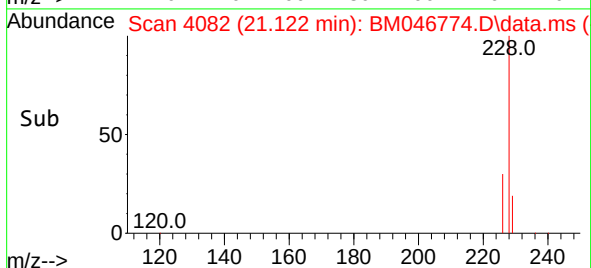
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

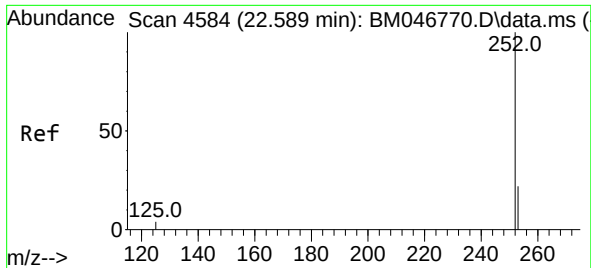


#22
Chrysene
Concen: 1.214 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41



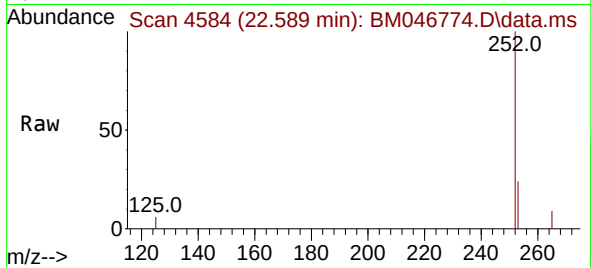
Tgt Ion:228 Resp: 50367
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.773 ng/ul m
RT: 22.589 min Scan# 4584
Delta R.T. -0.009 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

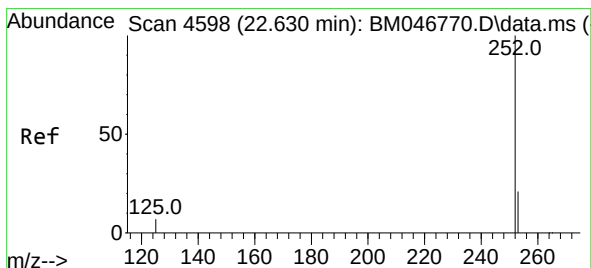
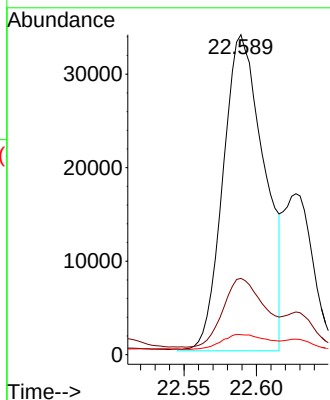
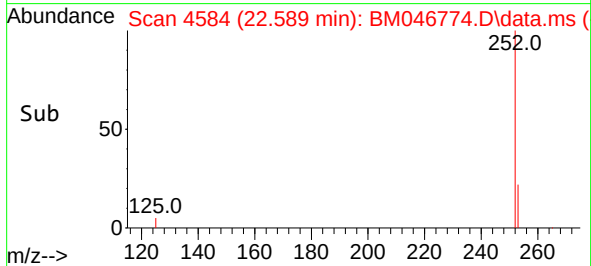
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A4BF4DL



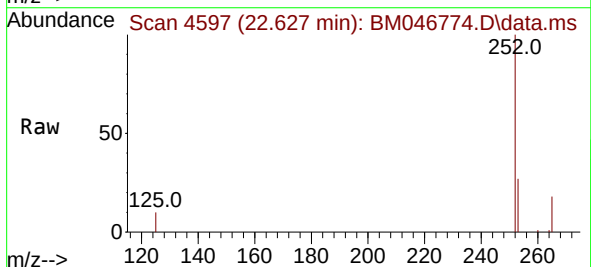
Tgt Ion:252 Resp: 6696
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.2
125 6.3 0.0 17.8

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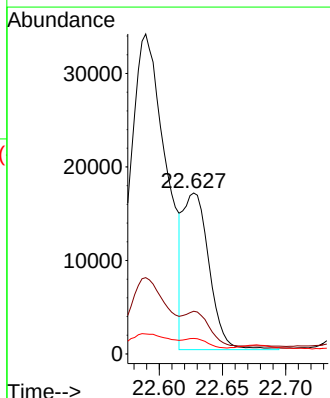
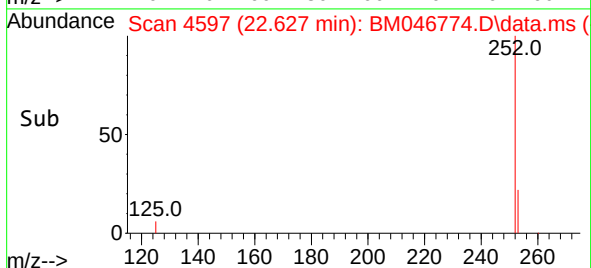
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

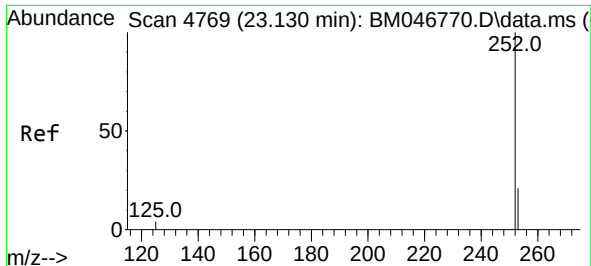


#25
Benzo(k)fluoranthene
Concen: 0.650 ng/ul m
RT: 22.627 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41



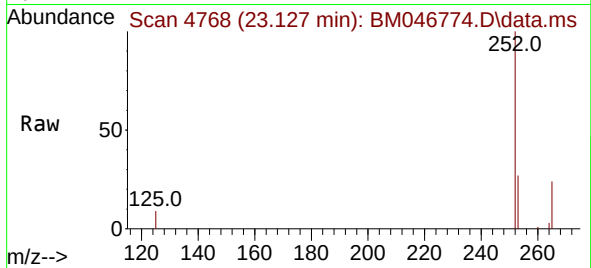
Tgt Ion:252 Resp: 24095
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 9.6 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.658 ng/ul
RT: 23.127 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

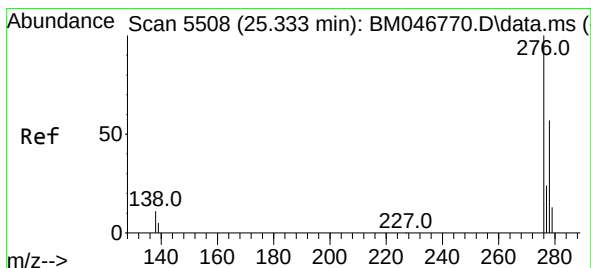
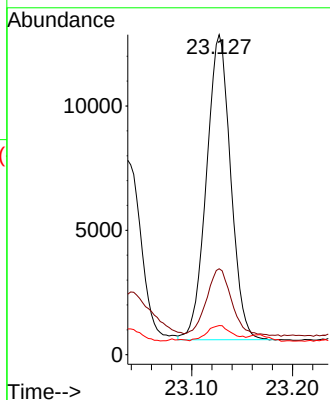
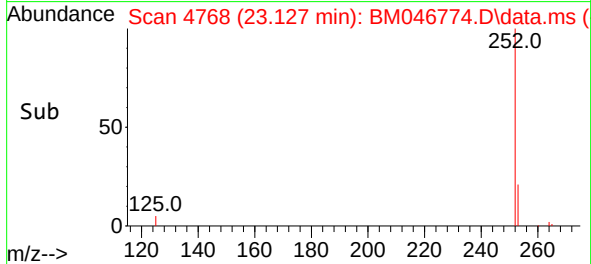
Instrument :
BNA_M
ClientSampleId :
A4BF4DL



Tgt Ion:252 Resp: 20454
Ion Ratio Lower Upper
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253 26.9 24.0 36.0
125 9.1 8.2 12.2

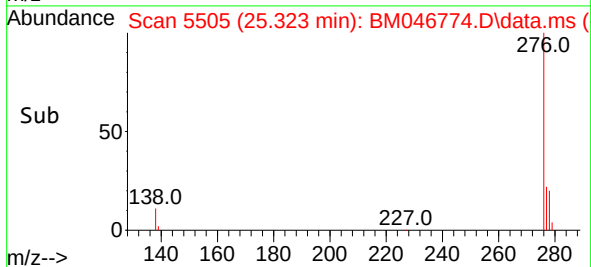
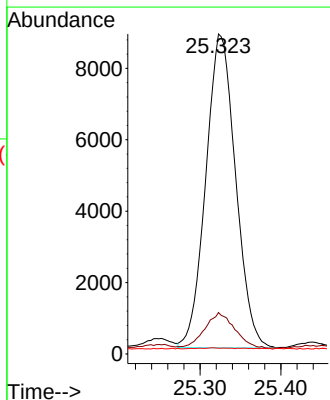
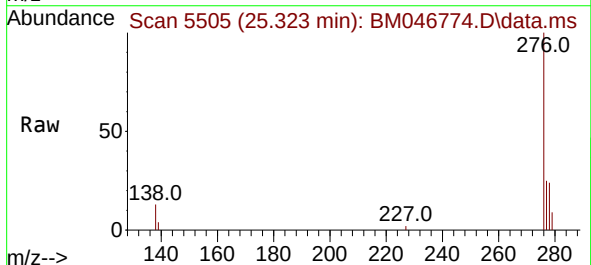
Manual Integrations
APPROVED

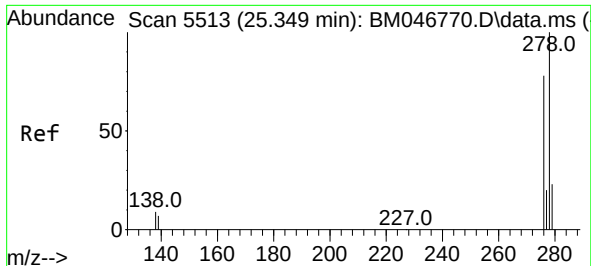
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. -0.024 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

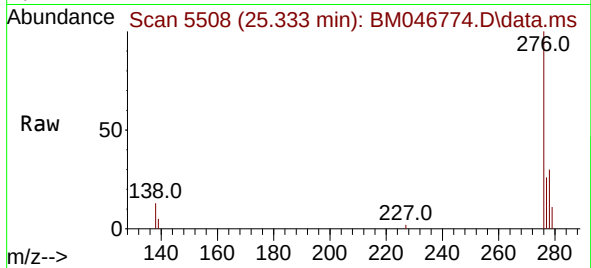
Tgt Ion:276 Resp: 22554
Ion Ratio Lower Upper
276 100
138 11.4 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.333 min Scan# 5508
Delta R.T. -0.027 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

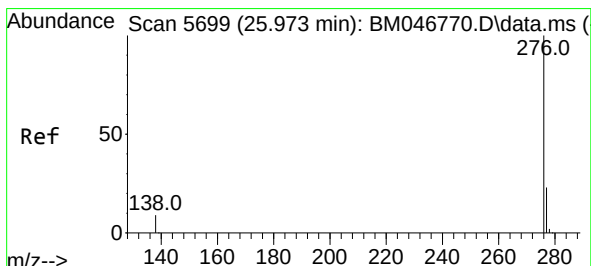
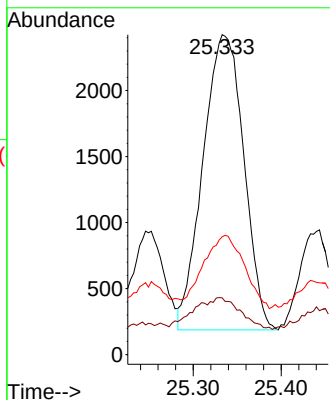
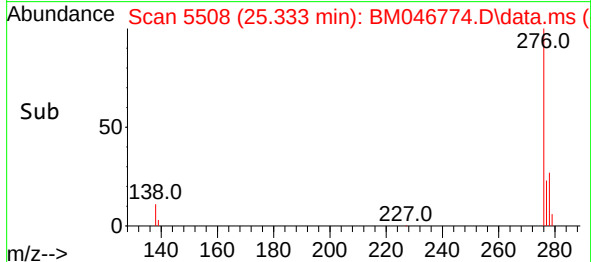
Instrument :
BNA_M
ClientSampleId :
A4BF4DL



Tgt Ion: 278 Resp: 7209
Ion Ratio Lower Upper
278 100
139 17.7 9.1 13.7
279 36.9 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#29
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.017 min
Lab File: BM046774.D
Acq: 23 Jul 2024 12:41

Tgt Ion: 276 Resp: 3458
Ion Ratio Lower Upper
276 100
138 20.7 10.2 15.4#
277 34.6 20.9 31.3#

