

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046674.D
 Acq On : 17 Jul 2024 17:37
 Operator : MA/JU
 Sample : P3100-10DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 18:07:44 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	2988	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	8201	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.137	164	5611	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.892	188	12218	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	10467	0.400	ng/ul	# 0.00
23) Perylene-d12	23.238	264	11417	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1988	0.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	951	0.072	ng/ul	-0.01
18) Fluoranthene-d10	18.933	212	2234	0.070	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.299	128	1855	0.089	ng/ul#	93
7) 2-Methylnaphthalene	11.932	142	689	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.152	142	468	0.031	ng/ul	98
10) Acenaphthylene	13.855	152	4057	0.159	ng/ul	97
11) Acenaphthene	14.201	153	1349	0.079	ng/ul	99
12) Fluorene	15.196	166	1726	0.082	ng/ul#	96
15) Phenanthrene	16.935	178	37941	1.088	ng/ul	98
16) Anthracene	17.023	178	8649	0.254	ng/ul	100
19) Fluoranthene	18.960	202	86077	2.002	ng/ul	99
20) Pyrene	19.323	202	62554	1.344	ng/ul	99
21) Benzo(a)anthracene	21.085	228	43468	0.939	ng/ul	97
22) Chrysene	21.137	228	45933	1.025	ng/ul	98
24) Benzo(b)fluoranthene	22.607	252	62528m	1.371	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	23194m	0.518	ng/ul	
26) Benzo(a)pyrene	23.145	252	21727	0.579	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.353	276	21800	0.382	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	8106	0.179	ng/ul#	75
29) Benzo(g,h,i)perylene	25.997	276	3199	0.070	ng/ul#	70

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

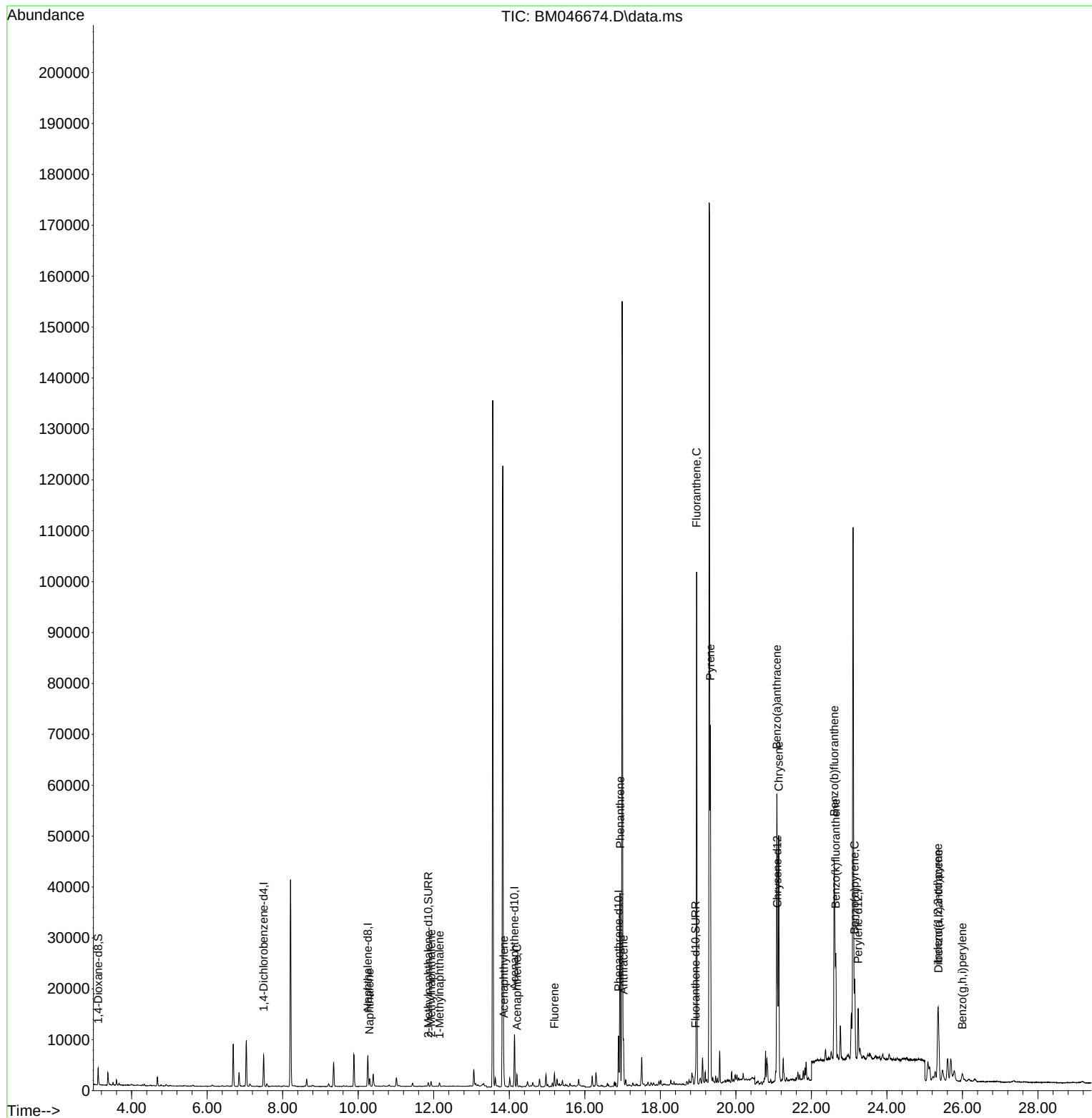
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046674.D
Acq On : 17 Jul 2024 17:37
Operator : MA/JU
Sample : P3100-10DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

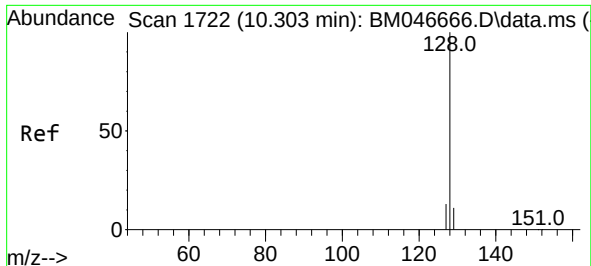
Instrument :
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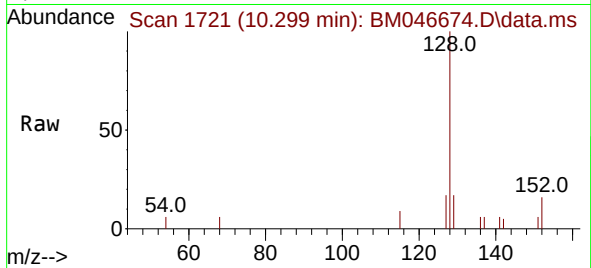
Quant Time: Jul 17 18:07:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.299 min Scan# 1721
Delta R.T. -0.017 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

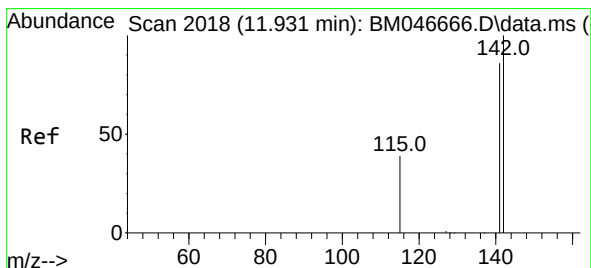
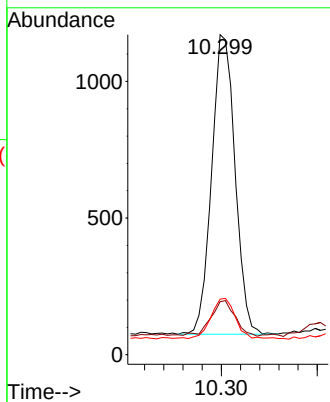
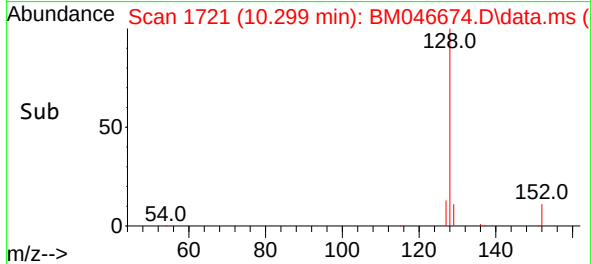
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 16.6 10.3 15.5
127 17.3 12.2 18.4

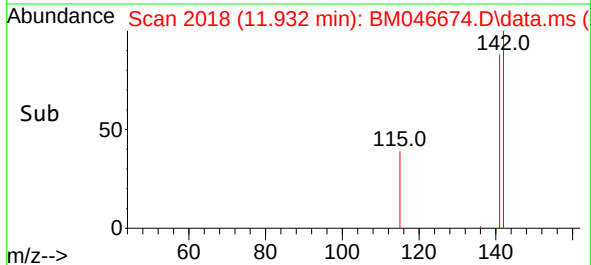
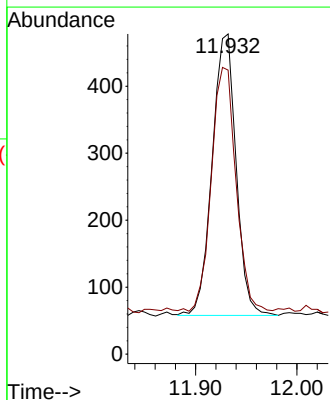
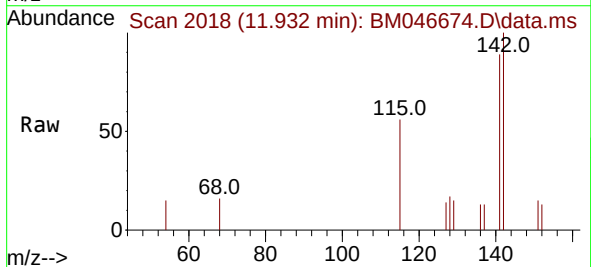
Manual Integrations
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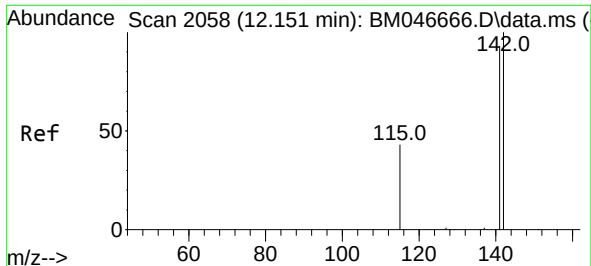
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

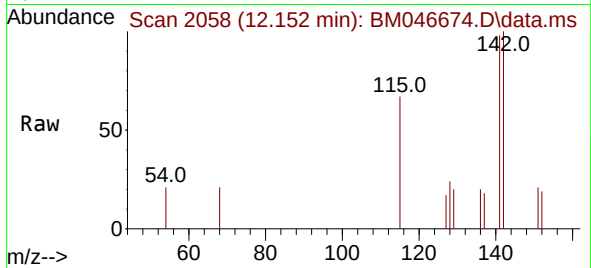
Tgt Ion:142 Resp: 689
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

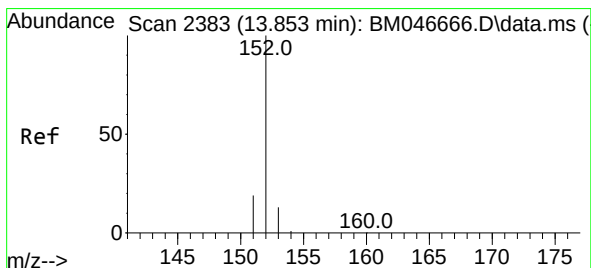
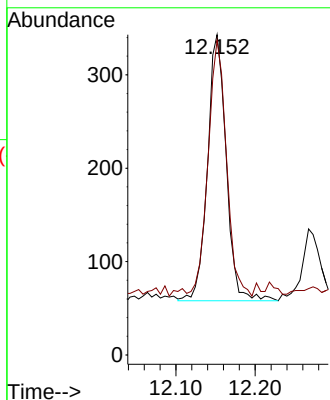
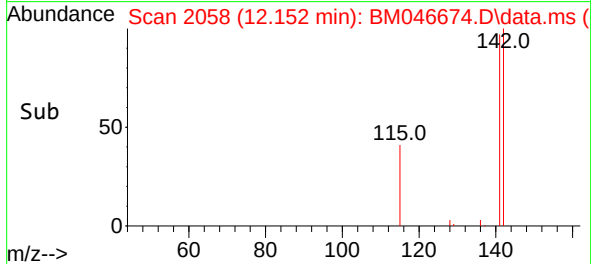
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



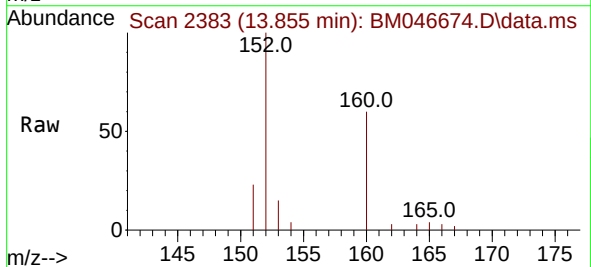
Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 94.7 73.9 110.9

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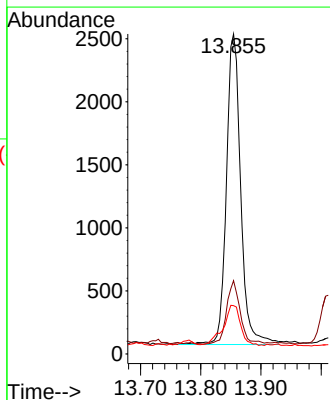
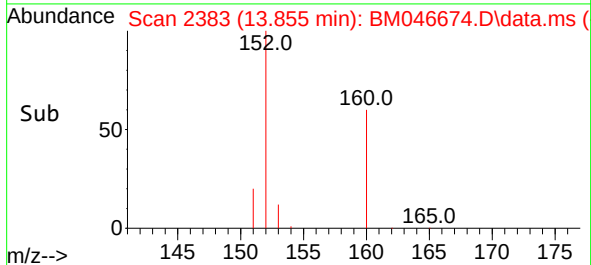
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

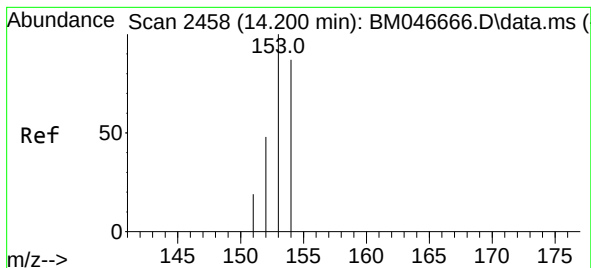


#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 13.855 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37



Tgt Ion:152 Resp: 4057
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6
153 15.1 12.4 18.6





#11

Acenaphthene

Concen: 0.079 ng/uI

RT: 14.201 min Scan# 2458

Delta R.T. -0.010 min

Lab File: BM046674.D

Acq: 17 Jul 2024 17:37

Instrument :

BNA_M

ClientSampleId :

A4BW8DL

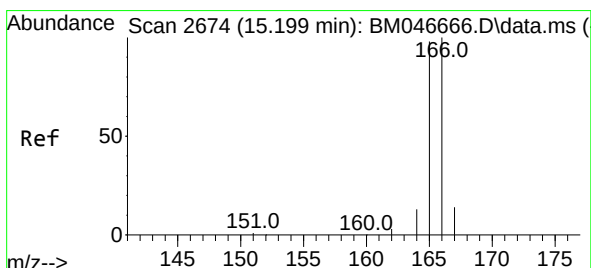
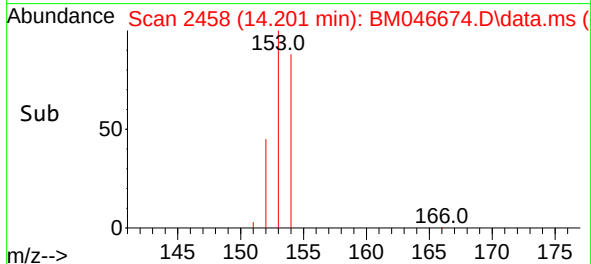
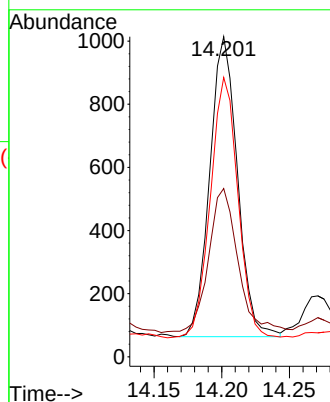
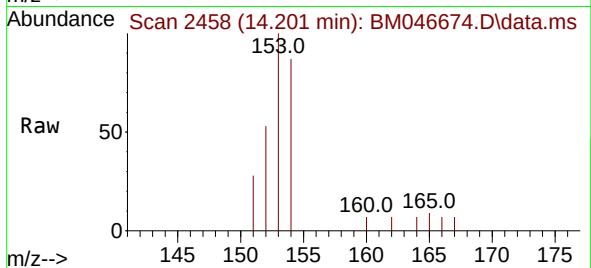
Tgt Ion:	153	Resp:	1349
Ion Ratio	Lower	Upper	
153	100		
152	52.6	43.0	64.6
154	87.3	69.9	104.9

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#12

Fluorene

Concen: 0.082 ng/uI

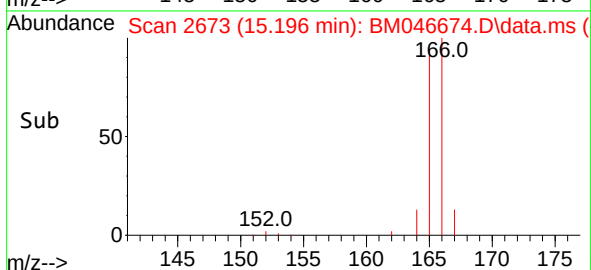
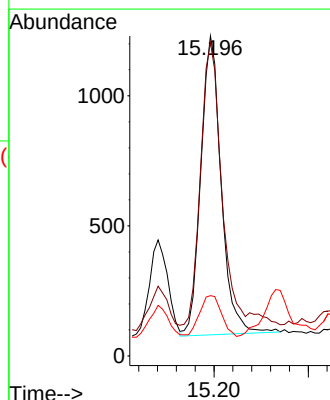
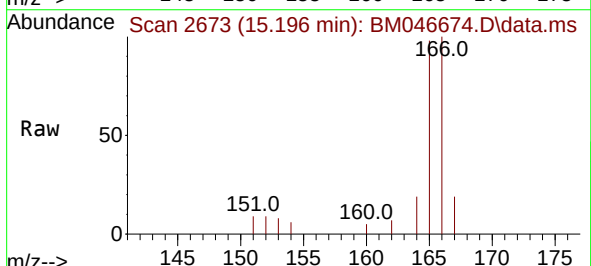
RT: 15.196 min Scan# 2673

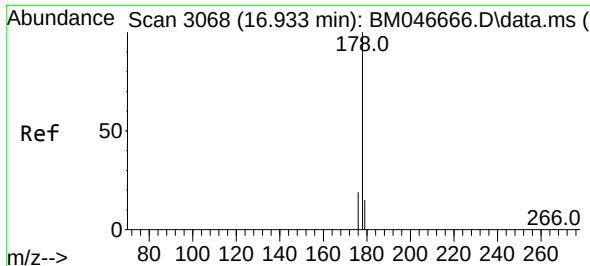
Delta R.T. -0.010 min

Lab File: BM046674.D

Acq: 17 Jul 2024 17:37

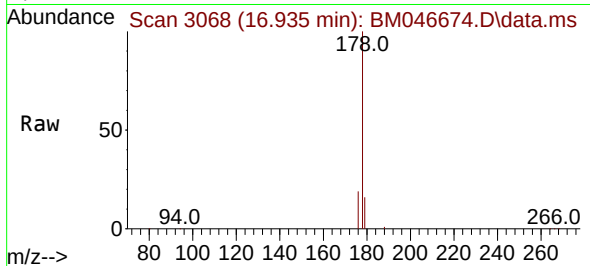
Tgt Ion:	166	Resp:	1726
Ion Ratio	Lower	Upper	
166	100		
165	97.9	76.1	114.1
167	18.9	12.5	18.7





#15
Phenanthrene
Concen: 1.088 ng/u1
RT: 16.935 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

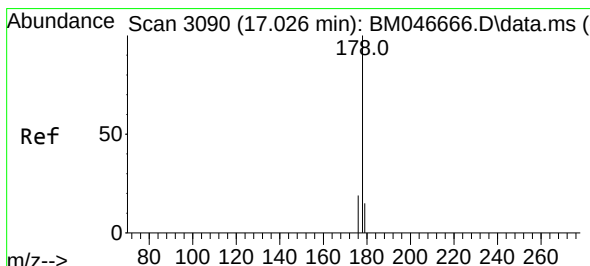
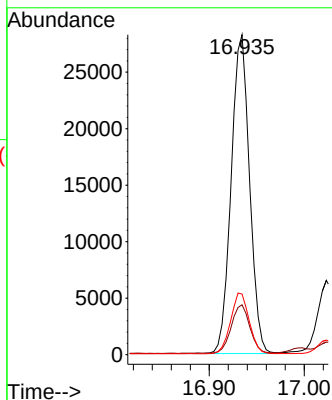
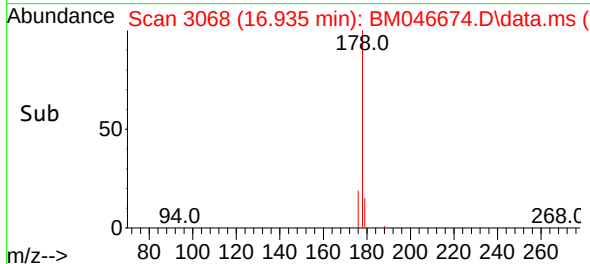
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



Tgt Ion:178 Resp: 3794
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.0 16.0 24.0

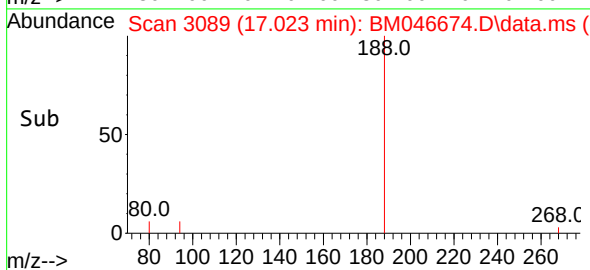
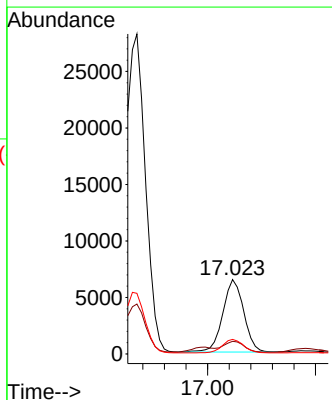
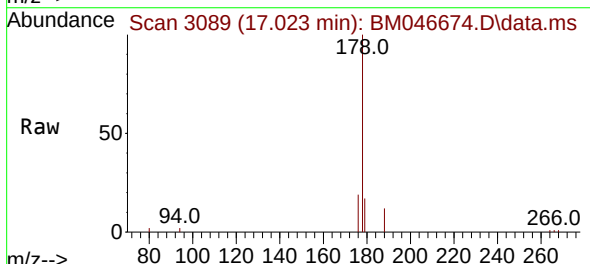
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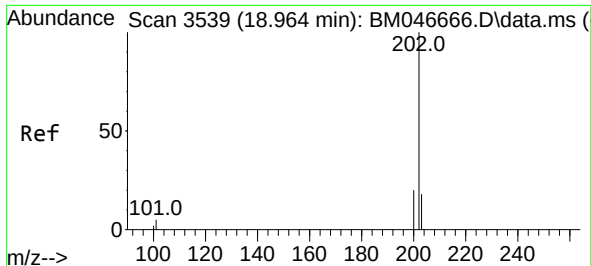
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.254 ng/u1
RT: 17.023 min Scan# 3089
Delta R.T. -0.009 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

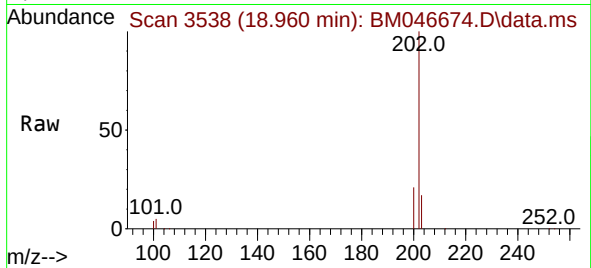
Tgt Ion:178 Resp: 8649
Ion Ratio Lower Upper
178 100
179 17.0 13.5 20.3
176 19.5 15.7 23.5





#19
Fluoranthene
Concen: 2.002 ng/ul
RT: 18.960 min Scan# 3539
Delta R.T. -0.010 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

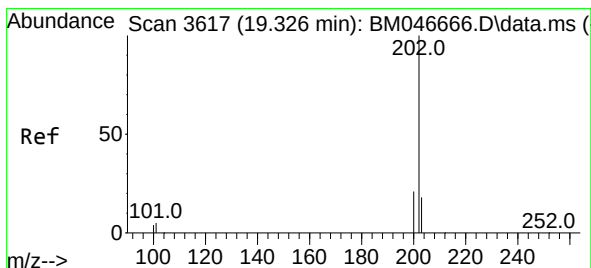
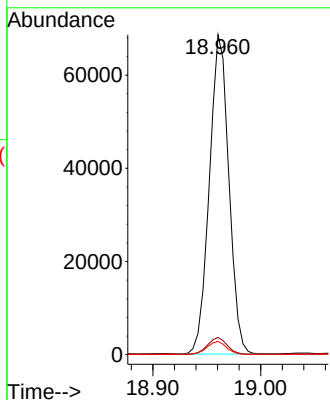
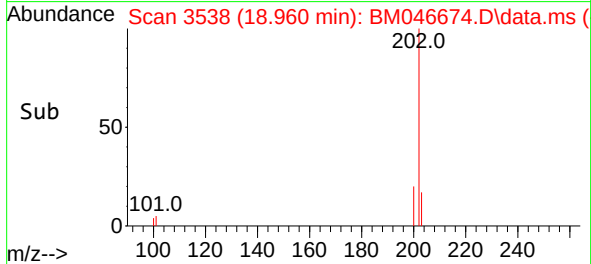
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



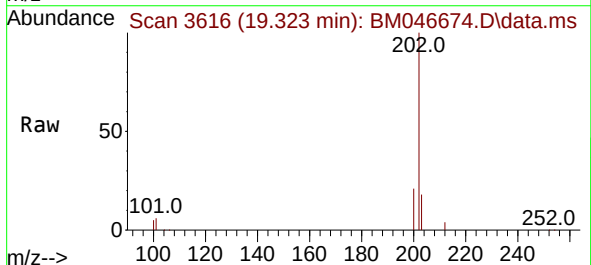
Tgt Ion:202 Resp: 8607
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.1 3.0 4.6

Manual Integrations
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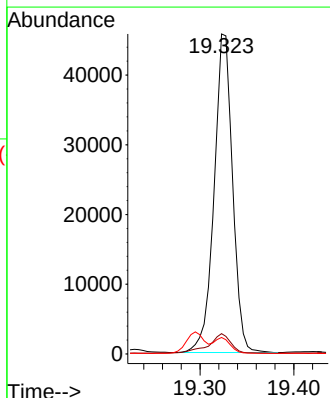
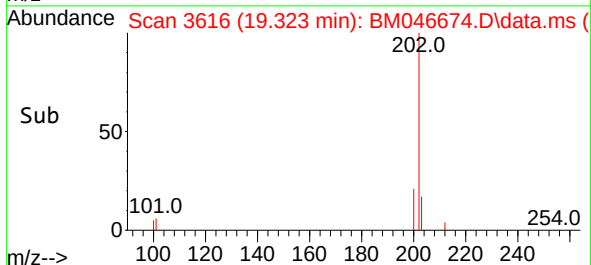
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

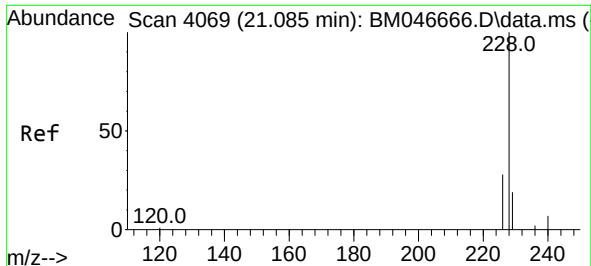


#20
Pyrene
Concen: 1.344 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.010 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37



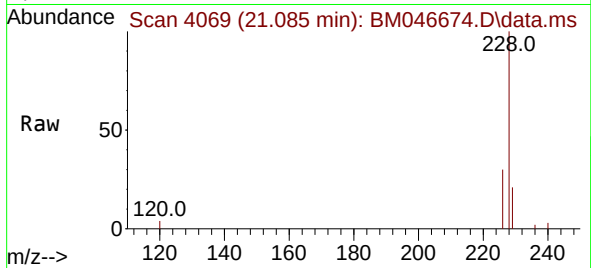
Tgt Ion:202 Resp: 62554
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.1 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.939 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

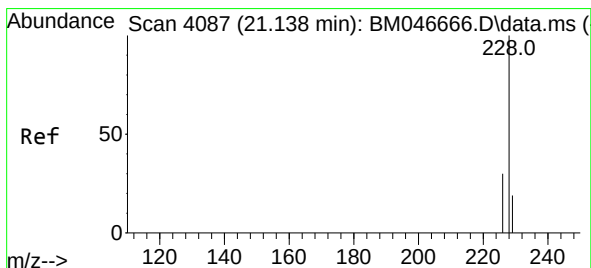
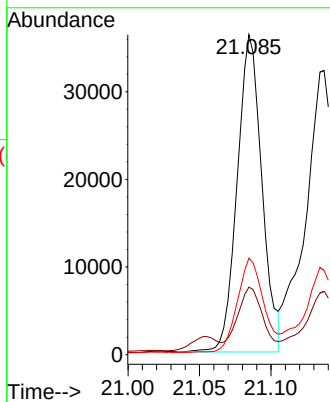
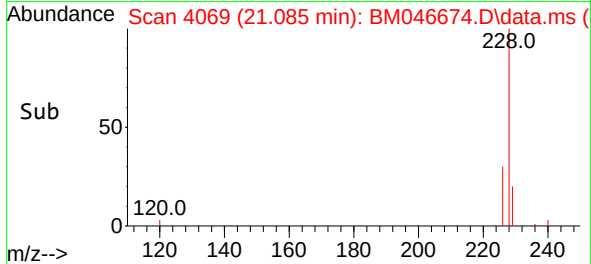
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



Tgt Ion:228 Resp: 43468
Ion Ratio Lower Upper
228 100
229 21.1 16.5 24.7
226 30.2 22.5 33.7

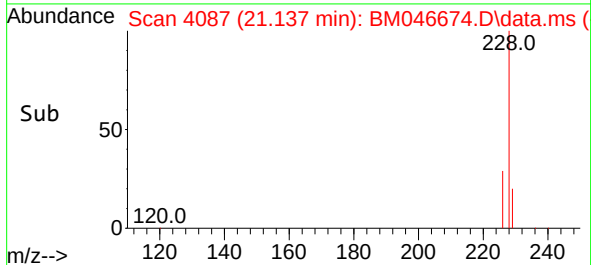
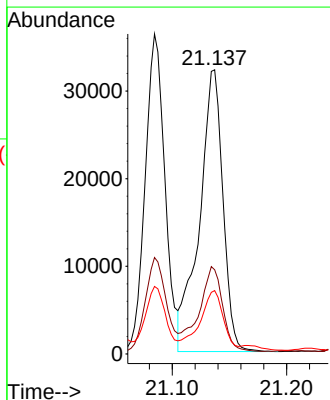
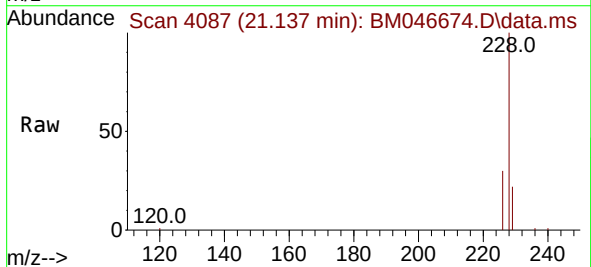
Manual Integrations
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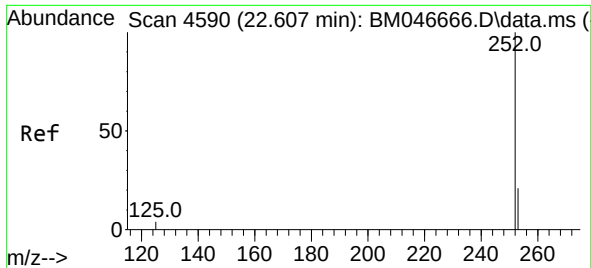
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 1.025 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

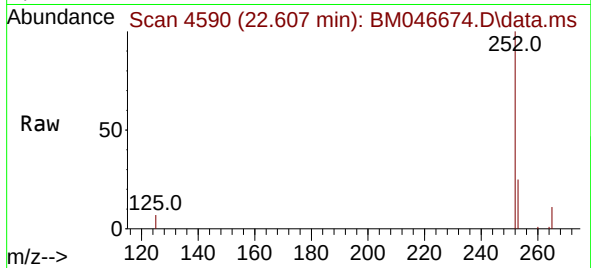
Tgt Ion:228 Resp: 45933
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.371 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

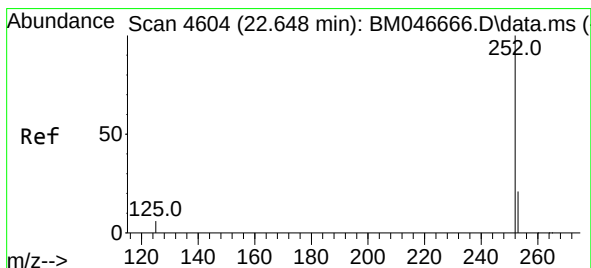
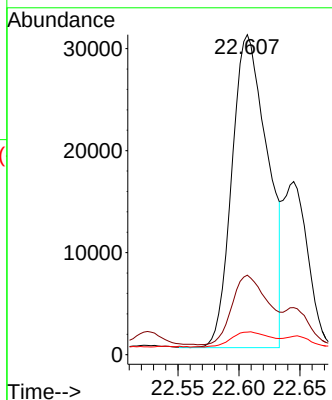
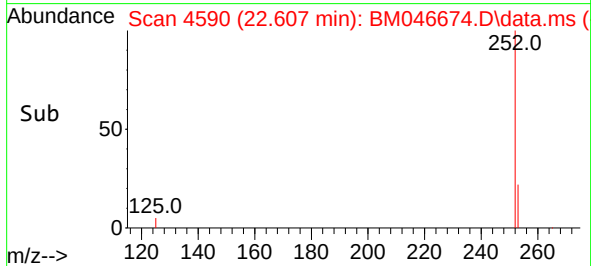
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



Tgt Ion:252 Resp: 62528
Ion Ratio Lower Upper
252 100
253 24.8 0.0 56.2
125 7.1 0.0 17.8

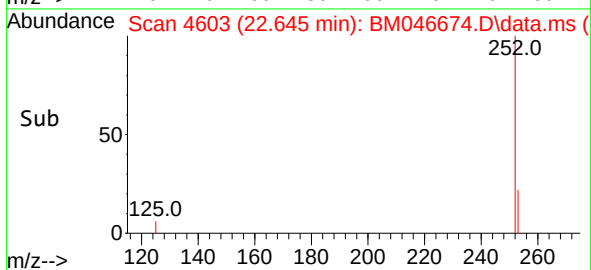
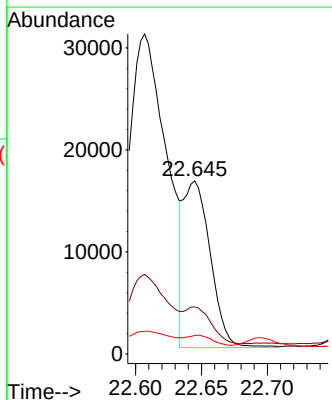
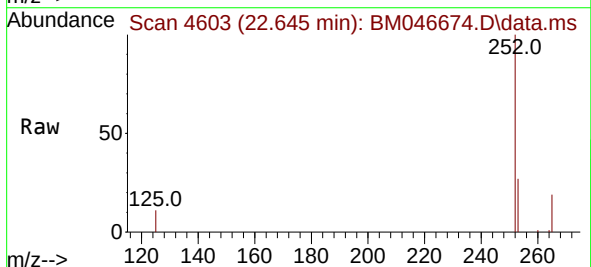
Manual Integrations
APPROVED

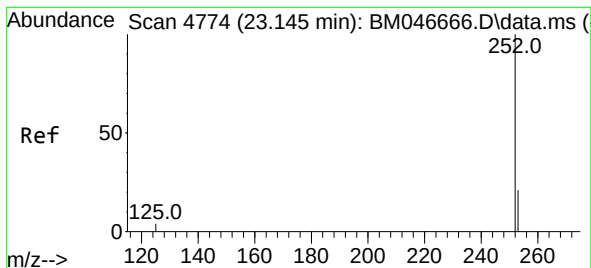
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

Tgt Ion:252 Resp: 23194
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 10.6 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.579 ng/ul

RT: 23.145 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046674.D

Acq: 17 Jul 2024 17:37

Instrument :

BNA_M

ClientSampleId :

A4BW8DL

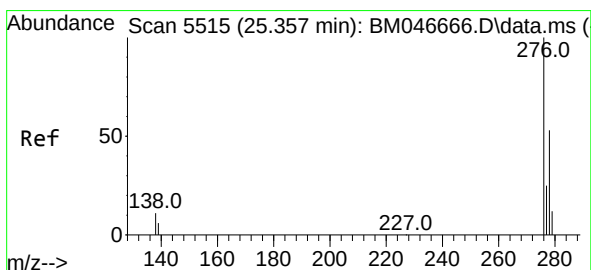
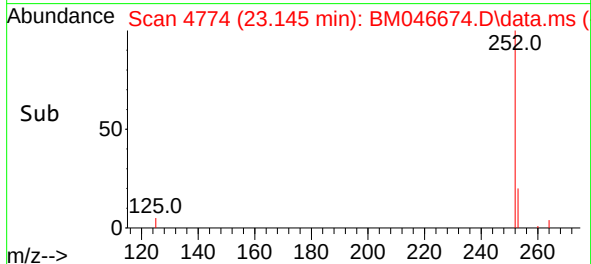
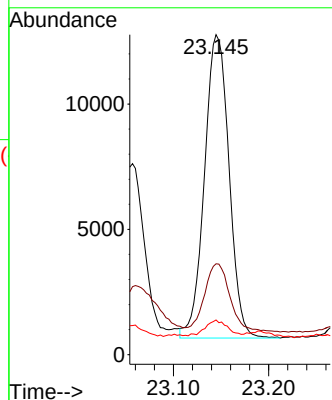
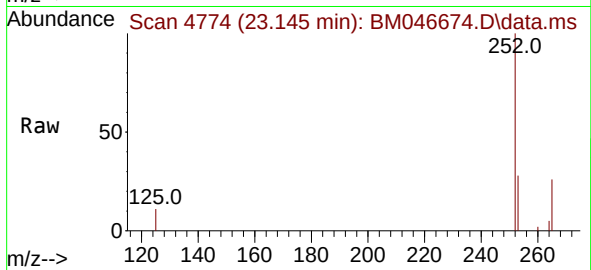
Tgt Ion:	252	Resp:	2172
Ion Ratio	Lower	Upper	
252	100		
253	28.4	24.0	36.0
125	10.8	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.382 ng/ul

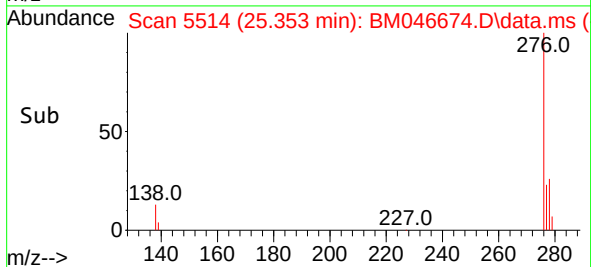
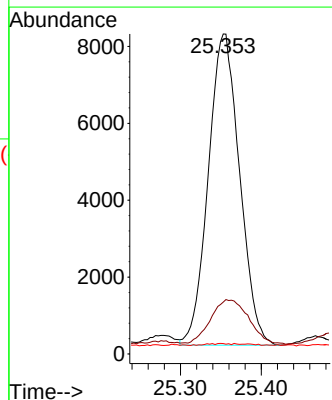
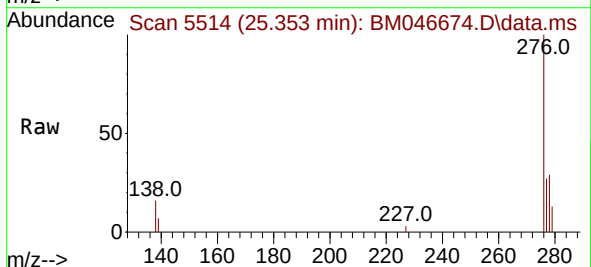
RT: 25.353 min Scan# 5514

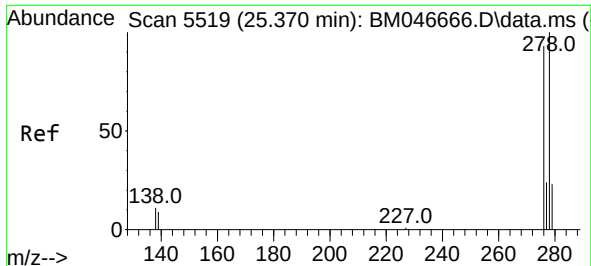
Delta R.T. -0.007 min

Lab File: BM046674.D

Acq: 17 Jul 2024 17:37

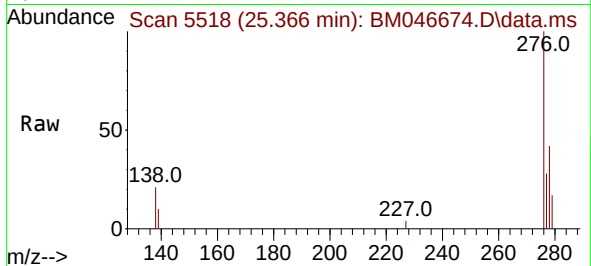
Tgt Ion:	276	Resp:	21800
Ion Ratio	Lower	Upper	
276	100		
138	17.5	0.0	0.0#
227	0.2	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.179 ng/ul
RT: 25.366 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37

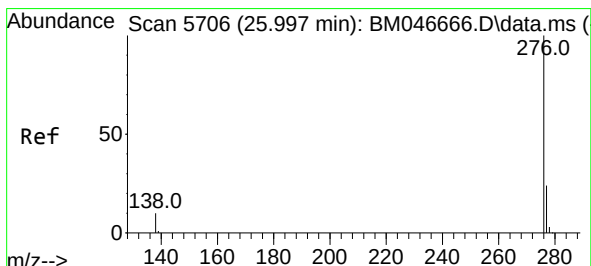
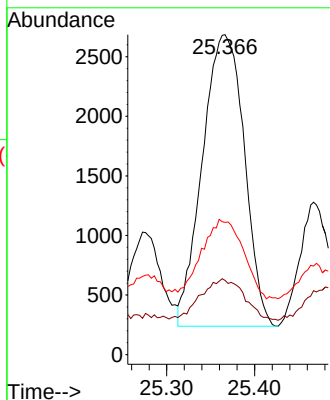
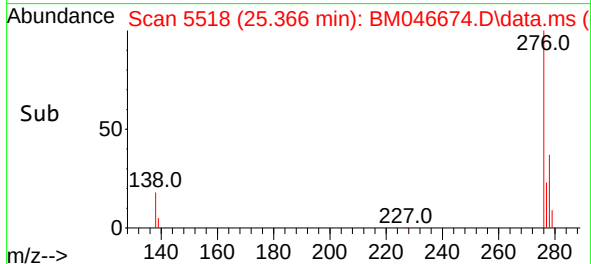
Instrument :
BNA_M
ClientSampleId :
A4BW8DL



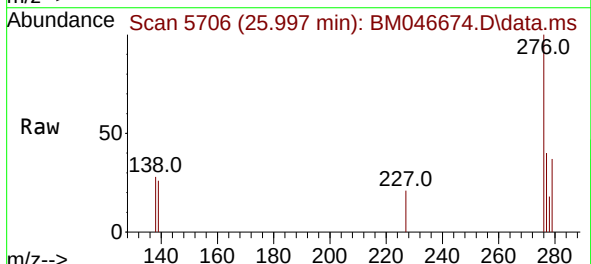
Tgt Ion:278 Resp: 8100
Ion Ratio Lower Upper
278 100
139 23.2 9.1 13.7#
279 41.3 23.2 34.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 25.997 min Scan# 5706
Delta R.T. -0.007 min
Lab File: BM046674.D
Acq: 17 Jul 2024 17:37



Tgt Ion:276 Resp: 3199
Ion Ratio Lower Upper
276 100
138 27.8 10.2 15.4#
277 39.6 20.9 31.3#

