

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046854.D
 Acq On : 27 Jul 2024 06:09
 Operator : MA/JU
 Sample : P3264-11DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 27 06:38:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	7451	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	22322	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	8988	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	17631	0.400	ng/ul	0.00
17) Chrysene-d12	21.078	240	9022	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	9615	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1264	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	976	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	1081	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	4322	0.077	ng/ul	99
7) 2-Methylnaphthalene	11.899	142	1742	0.045	ng/ul	99
8) 1-Methylnaphthalene	12.119	142	1460	0.036	ng/ul	98
10) Acenaphthylene	13.827	152	3070	0.075	ng/ul	97
11) Acenaphthene	14.174	153	4318	0.155	ng/ul	97
12) Fluorene	15.168	166	4829	0.138	ng/ul	98
15) Phenanthrene	16.909	178	87938	1.735	ng/ul	98
16) Anthracene	16.998	178	17116	0.363	ng/ul	100
19) Fluoranthene	18.937	202	144355	3.643	ng/ul	99
20) Pyrene	19.304	202	95152	2.321	ng/ul	98
21) Benzo(a)anthracene	21.061	228	47503	1.264	ng/ul	99
22) Chrysene	21.114	228	52009	1.362	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	68159m	1.615	ng/ul	
25) Benzo(k)fluoranthene	22.615	252	21828m	0.513	ng/ul	
26) Benzo(a)pyrene	23.115	252	23626	0.780	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.306	276	23222	0.498	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.319	278	7483	0.219	ng/ul#	88
29) Benzo(g,h,i)perylene	25.943	276	3880	0.094	ng/ul#	76

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

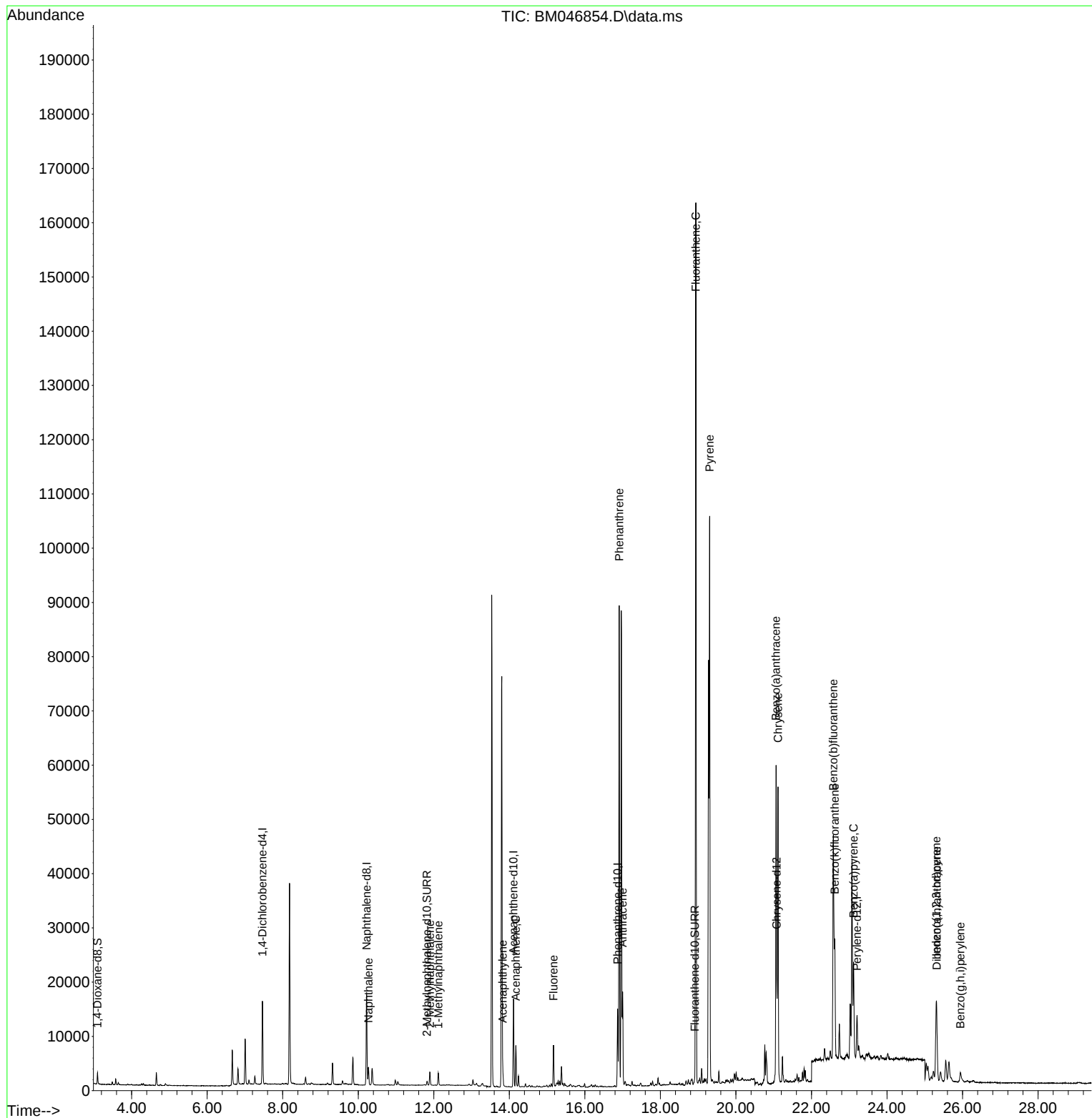
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046854.D
Acq On : 27 Jul 2024 06:09
Operator : MA/JU
Sample : P3264-11DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

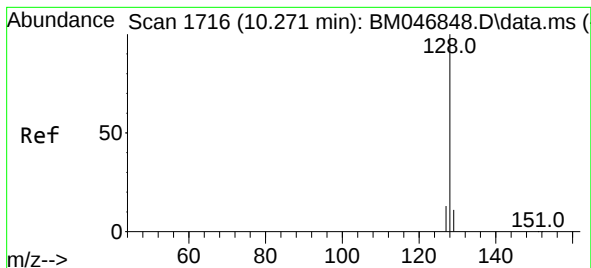
Instrument :
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A4CL4DL

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#5

Naphthalene

Concen: 0.077 ng/ul

RT: 10.271 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BM046854.D

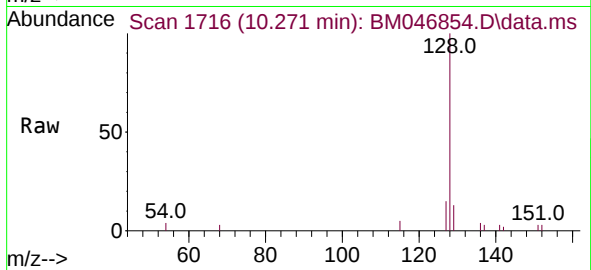
Acq: 27 Jul 2024 06:09

Instrument :

BNA_M

ClientSampleId :

A4CL4DL



Tgt Ion:128 Resp: 432

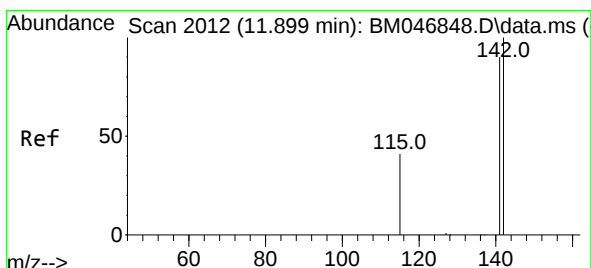
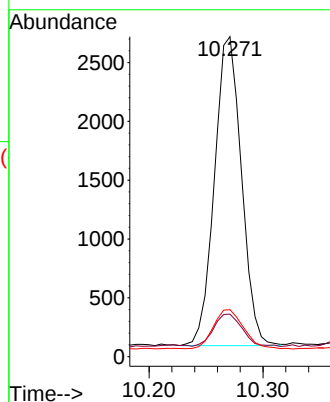
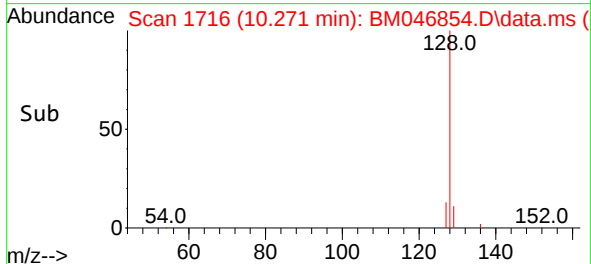
Ion	Ratio	Lower	Upper
128	100		
129	13.3	10.1	15.1
127	14.7	11.5	17.3

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#7

2-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 11.899 min Scan# 2012

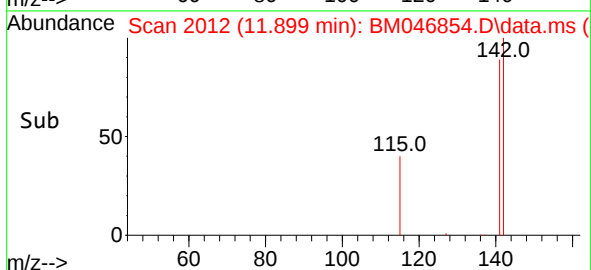
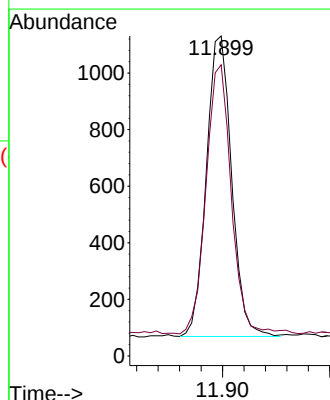
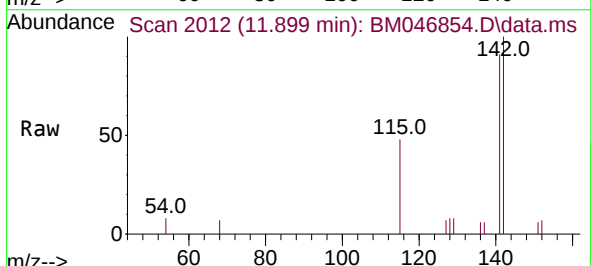
Delta R.T. -0.006 min

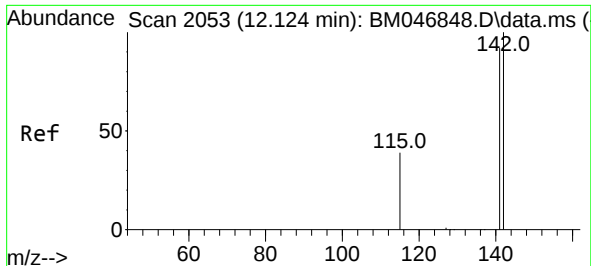
Lab File: BM046854.D

Acq: 27 Jul 2024 06:09

Tgt Ion:142 Resp: 1742

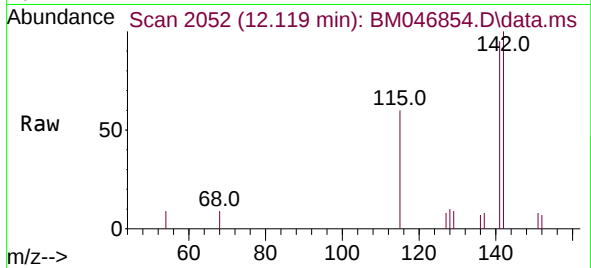
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.5	105.7





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

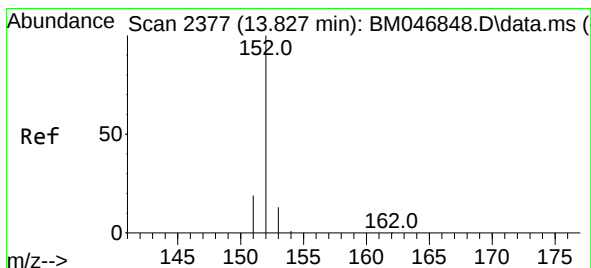
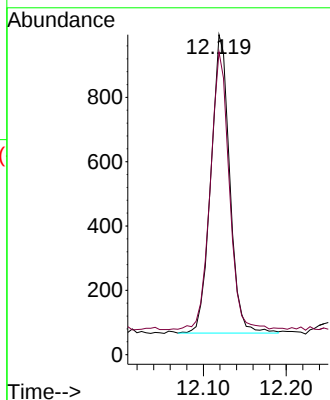
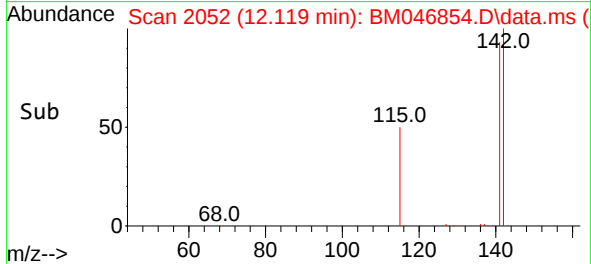
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



Tgt Ion:142 Resp: 1460
Ion Ratio Lower Upper
142 100
141 93.5 73.1 109.7

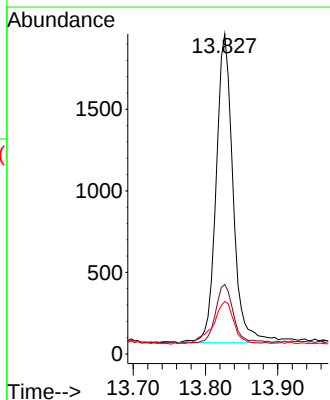
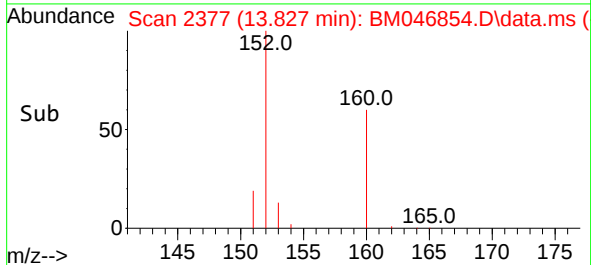
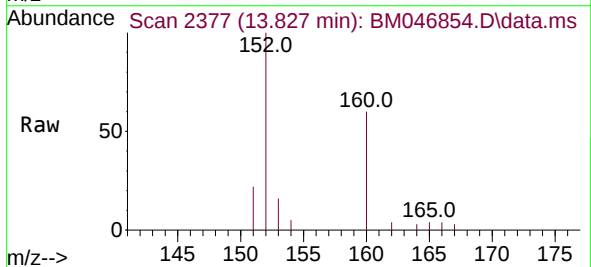
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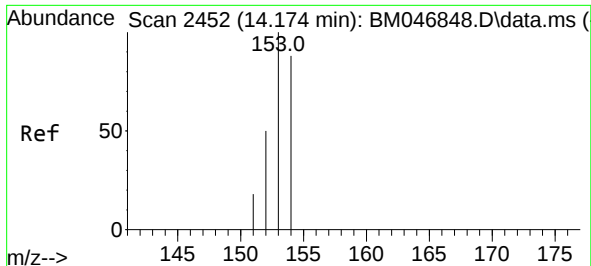
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.005 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

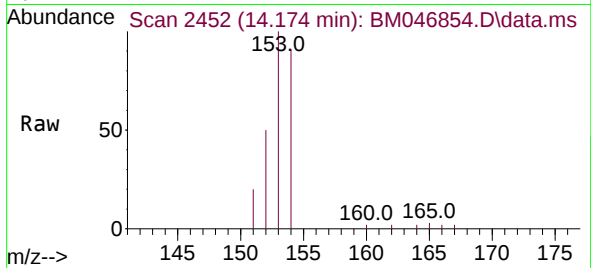
Tgt Ion:152 Resp: 3070
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2
153 16.4 11.0 16.6





#11
Acenaphthene
Concen: 0.155 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

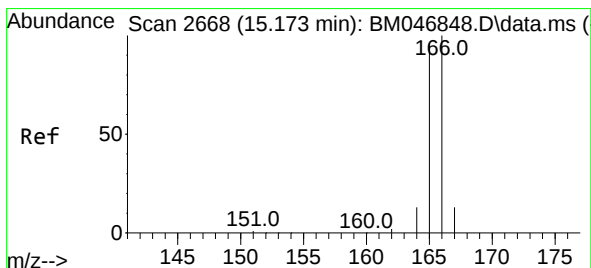
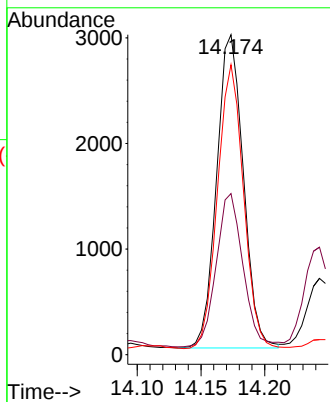
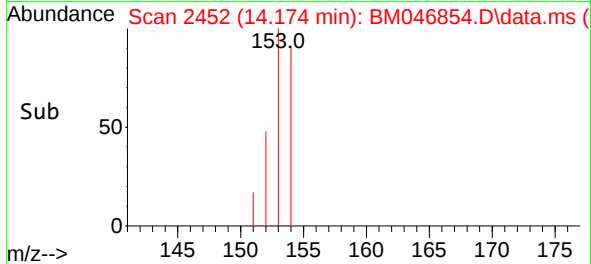
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



Tgt Ion:153 Resp: 4318
Ion Ratio Lower Upper
153 100
152 50.3 38.6 57.8
154 90.6 70.8 106.2

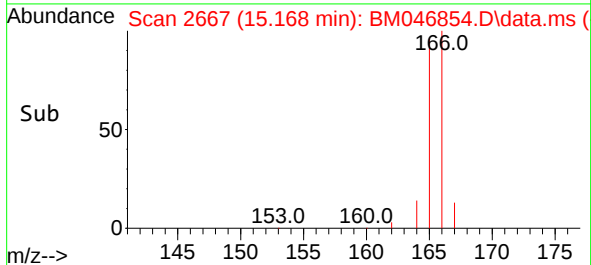
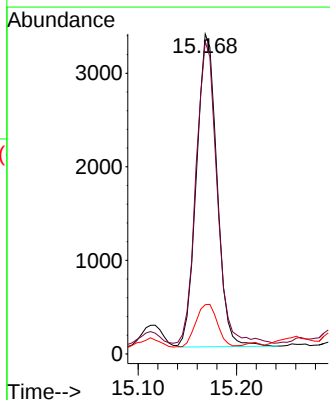
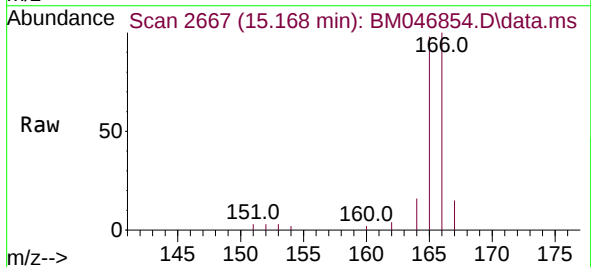
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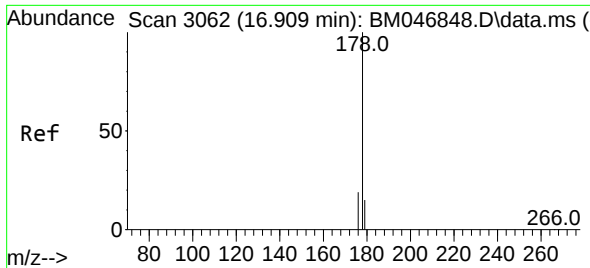
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

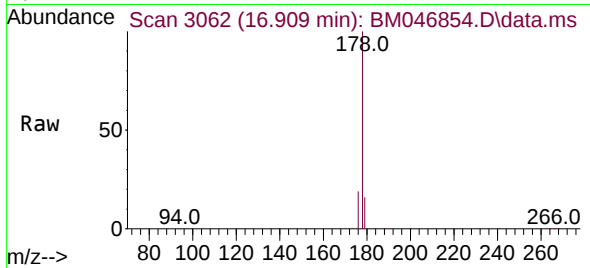
Tgt Ion:166 Resp: 4829
Ion Ratio Lower Upper
166 100
165 97.7 79.8 119.6
167 15.4 12.3 18.5





#15
Phenanthrene
Concen: 1.735 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

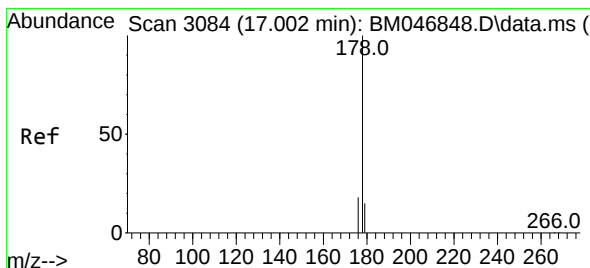
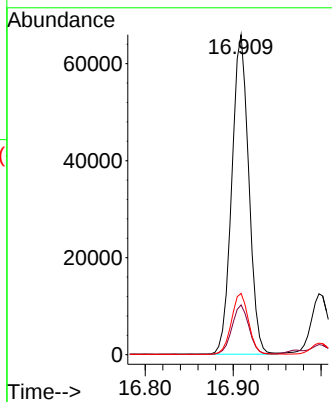
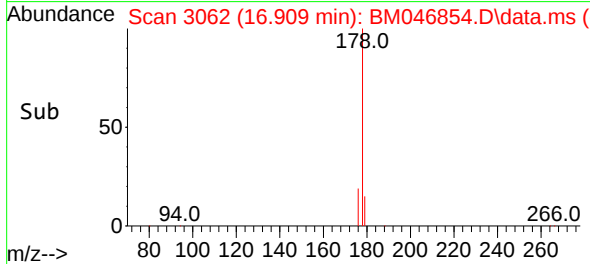
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



Tgt Ion:178 Resp: 87938
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.2 16.1 24.1

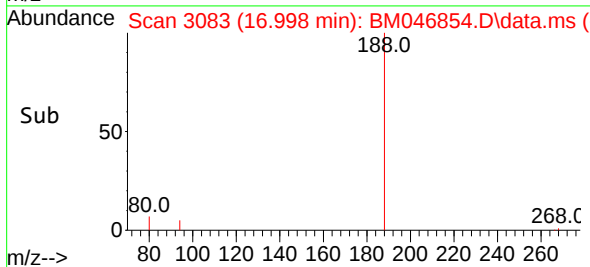
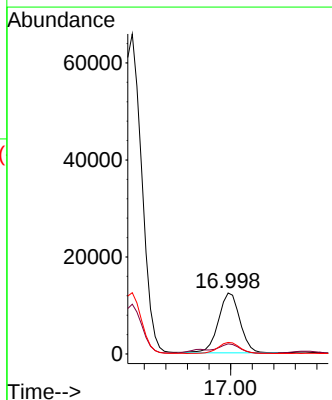
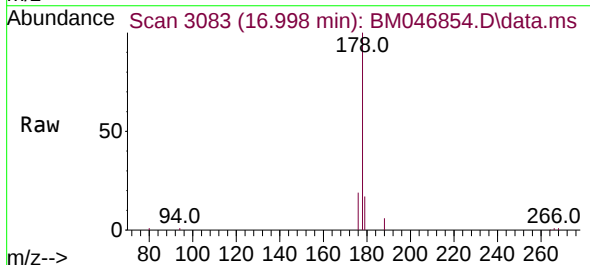
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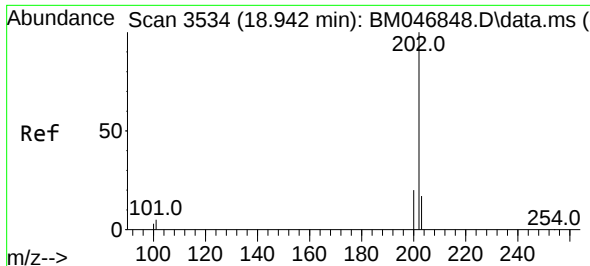
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 0.363 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.009 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

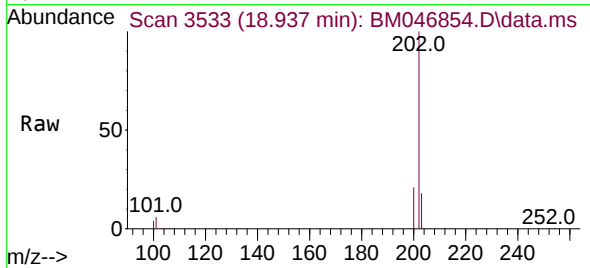
Tgt Ion:178 Resp: 17116
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 3.643 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

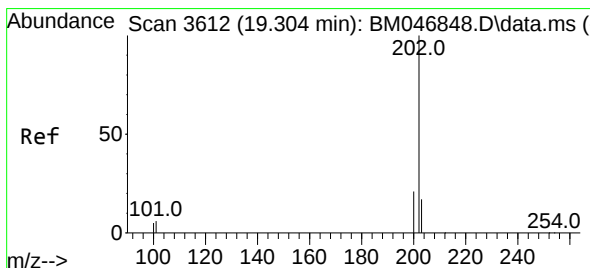
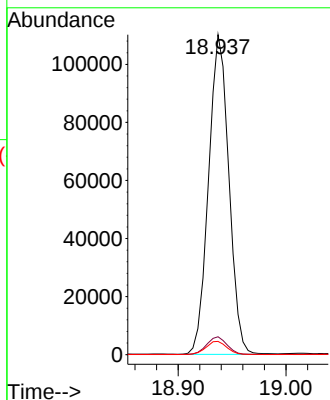
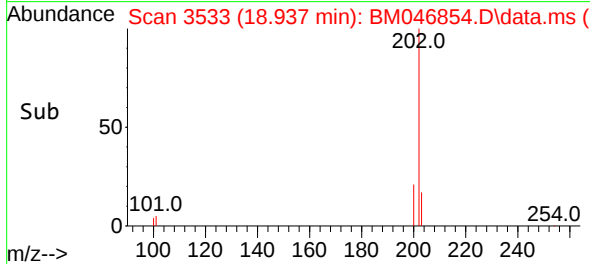
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



Tgt Ion:202 Resp: 14435
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.2 3.4 5.2

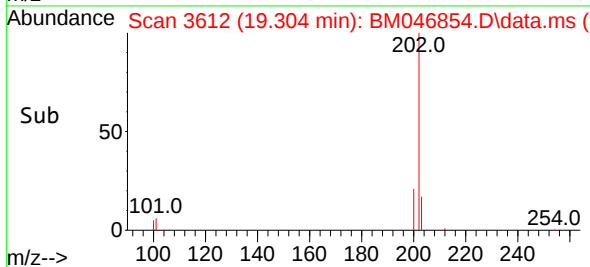
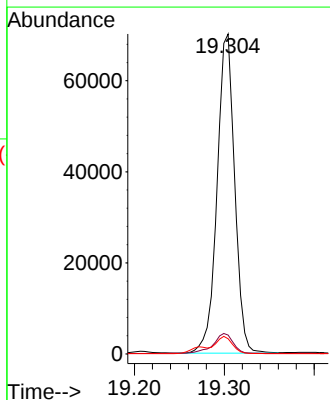
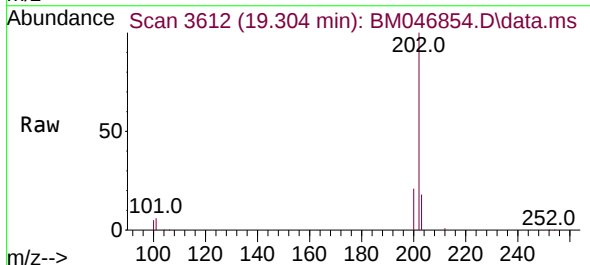
Manual Integrations
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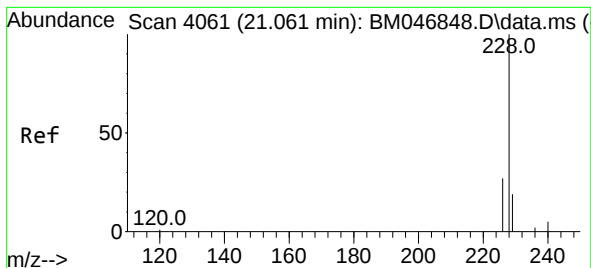
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 2.321 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

Tgt Ion:202 Resp: 95152
Ion Ratio Lower Upper
202 100
101 5.9 5.2 7.8
100 4.8 4.3 6.5





#21

Benzo(a)anthracene

Concen: 1.264 ng/ul

RT: 21.061 min Scan# 4061

Delta R.T. -0.003 min

Lab File: BM046854.D

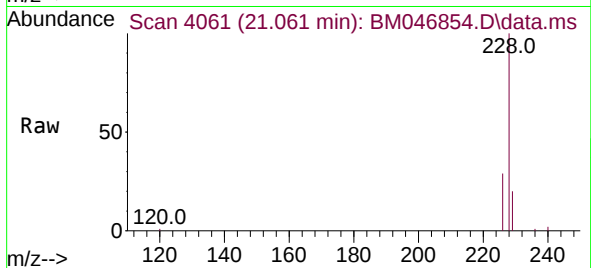
Acq: 27 Jul 2024 06:09

Instrument :

BNM

ClientSampleId :

A4CL4DL



Tgt Ion:228 Resp: 4750

Ion Ratio Lower Upper

228 100

229 20.5 16.3 24.5

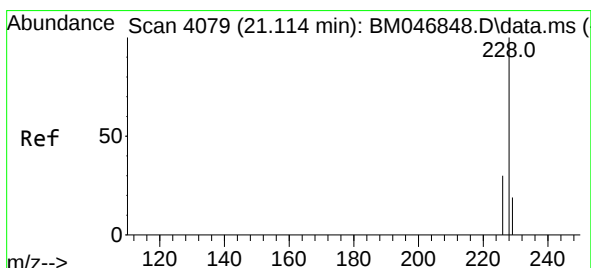
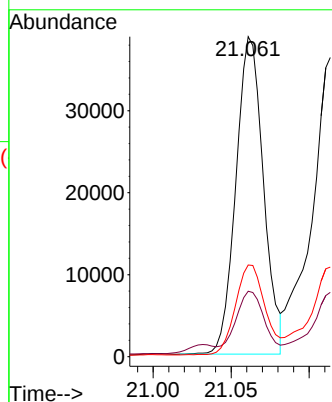
226 28.6 22.3 33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#22

Chrysene

Concen: 1.362 ng/ul

RT: 21.114 min Scan# 4079

Delta R.T. -0.003 min

Lab File: BM046854.D

Acq: 27 Jul 2024 06:09

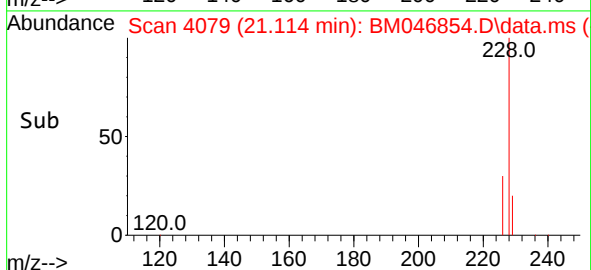
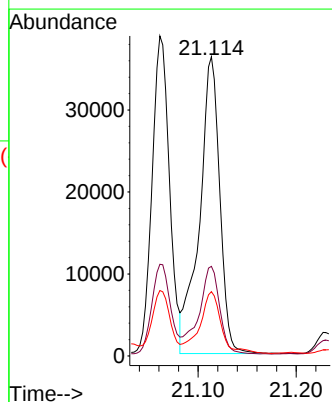
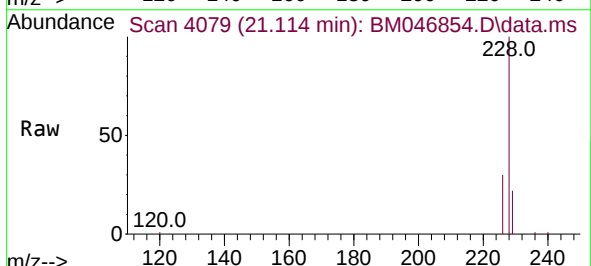
Tgt Ion:228 Resp: 52009

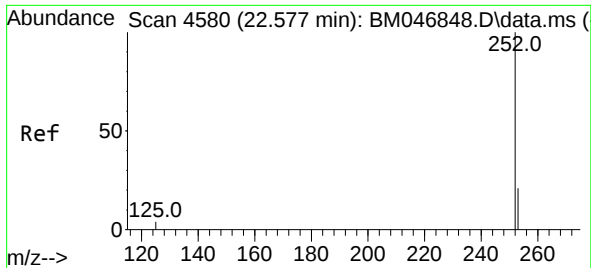
Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

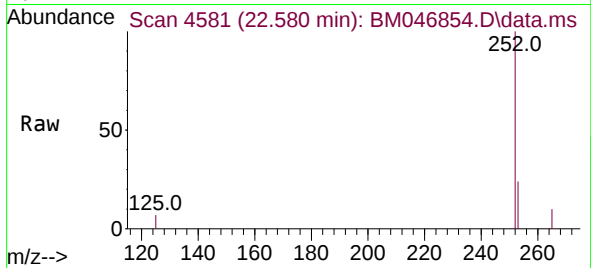
229 21.5 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.615 ng/ul m
RT: 22.580 min Scan# 4581
Delta R.T. -0.000 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

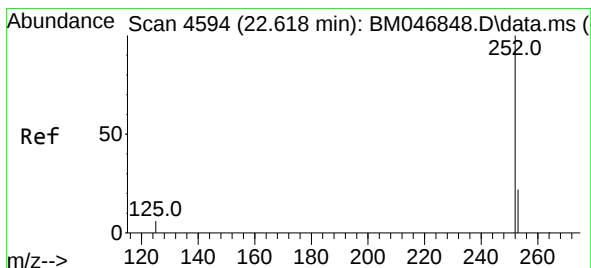
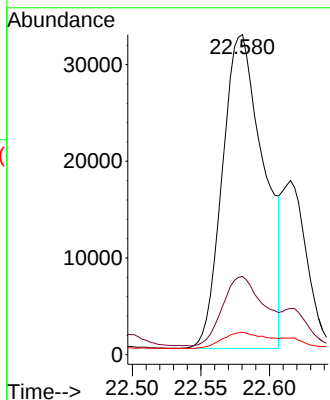
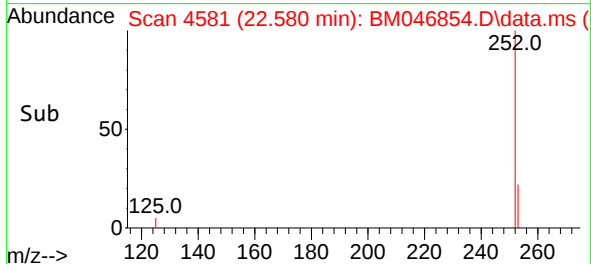
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



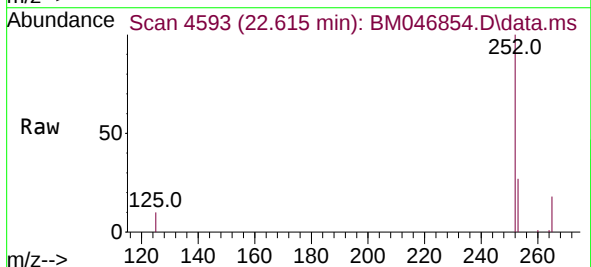
Tgt Ion:252 Resp: 68159
Ion Ratio Lower Upper
252 100
253 24.5 0.0 56.4
125 7.0 0.0 15.8

Manual Integrations
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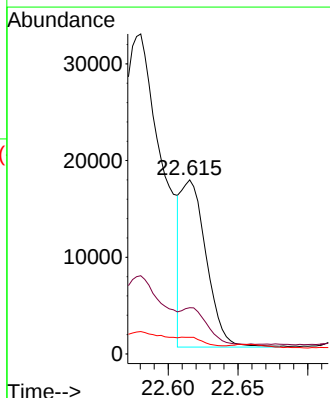
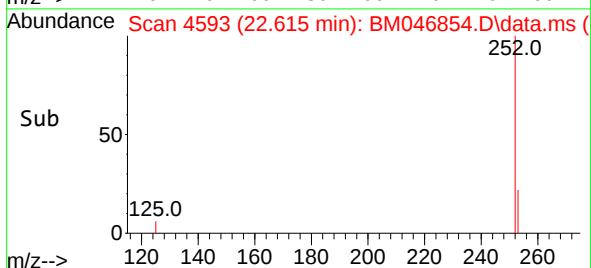
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

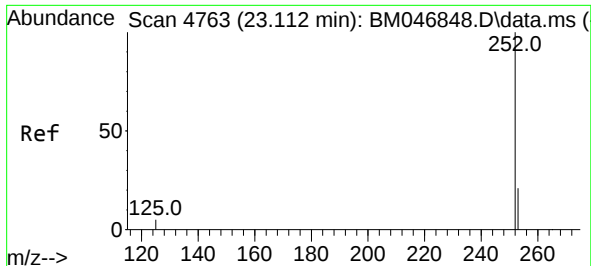


#25
Benzo(k)fluoranthene
Concen: 0.513 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09



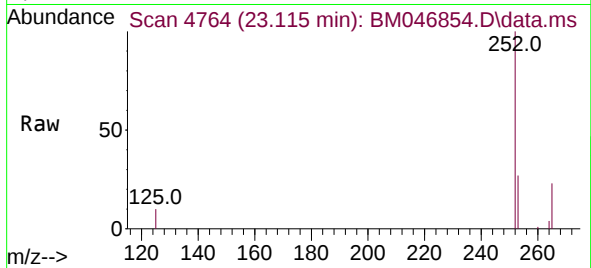
Tgt Ion:252 Resp: 21828
Ion Ratio Lower Upper
252 100
253 26.6 23.5 35.3
125 9.6 8.6 13.0





#26
Benzo(a)pyrene
Concen: 0.780 ng/ul
RT: 23.115 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

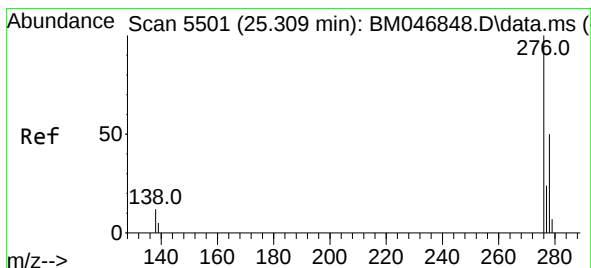
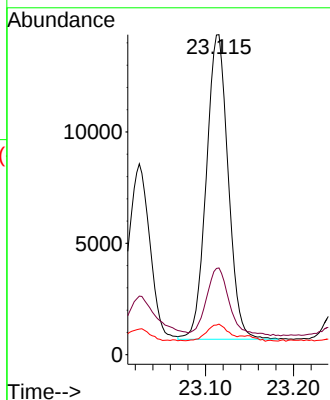
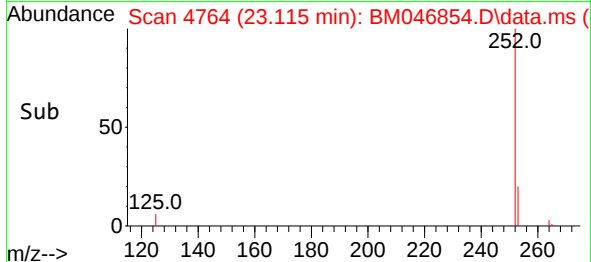
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



Tgt Ion:252 Resp: 23620
Ion Ratio Lower Upper
252 100
253 27.1 26.0 39.0
125 9.6 7.8 11.8

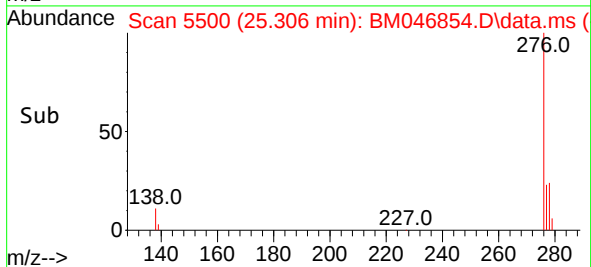
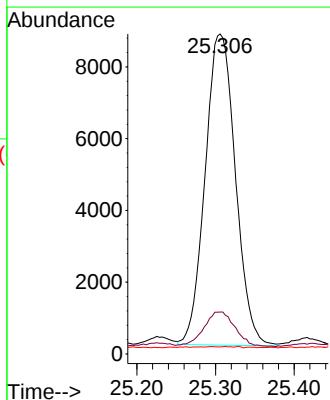
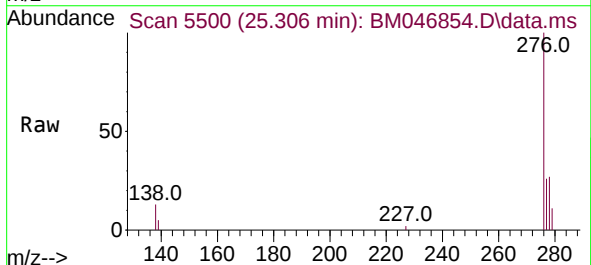
Manual Integrations
APPROVED

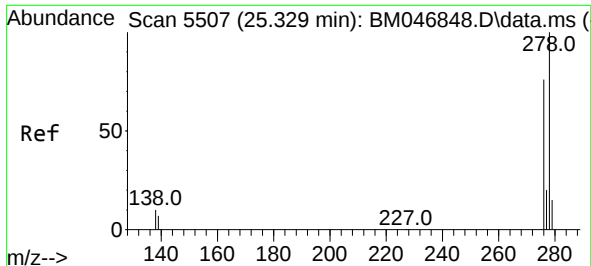
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.498 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

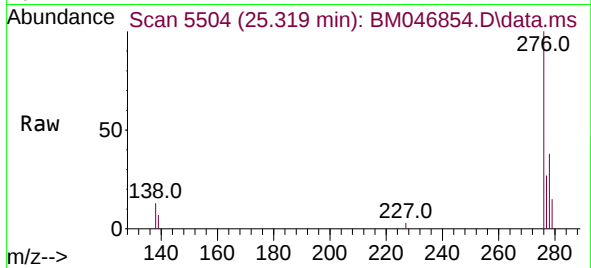
Tgt Ion:276 Resp: 23222
Ion Ratio Lower Upper
276 100
138 11.5 9.7 14.5
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.219 ng/ul
RT: 25.319 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

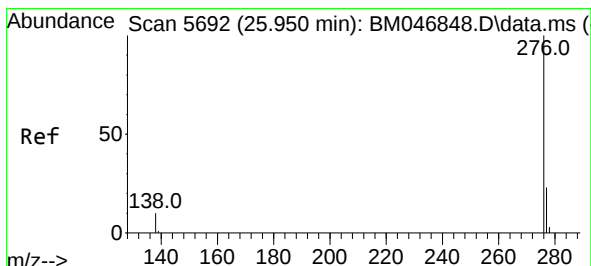
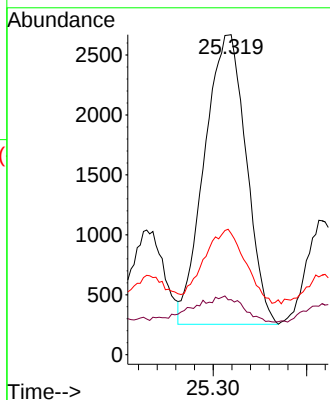
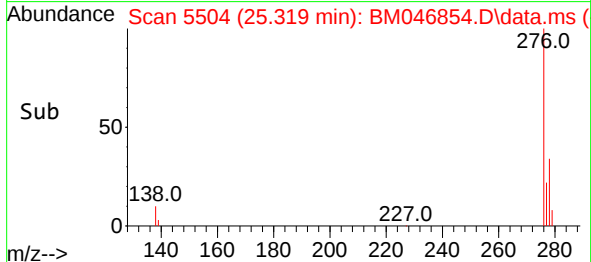
Instrument :
BNA_M
ClientSampleId :
A4CL4DL



Tgt Ion:278 Resp: 748
Ion Ratio Lower Upper
278 100
139 17.2 9.8 14.8
279 37.9 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 25.943 min Scan# 5690
Delta R.T. -0.010 min
Lab File: BM046854.D
Acq: 27 Jul 2024 06:09

Tgt Ion:276 Resp: 3880
Ion Ratio Lower Upper
276 100
138 23.6 9.5 14.3#
277 37.0 20.9 31.3#

