

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046758.D
 Acq On : 22 Jul 2024 19:03
 Operator : MA/JU
 Sample : P3201-19DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 23:56:17 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	3243	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	8648	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.126	164	5784	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.882	188	12772	0.400	ng/ul	0.00
17) Chrysene-d12	21.091	240	11734	0.400	ng/ul	0.00
23) Perylene-d12	23.224	264	12932	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1571	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	584	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.922	212	1367	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	2806	0.128	ng/ul	97
7) 2-Methylnaphthalene	11.914	142	1292	0.084	ng/ul	98
8) 1-Methylnaphthalene	12.140	142	836	0.053	ng/ul	96
10) Acenaphthylene	13.844	152	7832	0.297	ng/ul	99
11) Acenaphthene	14.191	153	2036	0.115	ng/ul	97
12) Fluorene	15.185	166	3049	0.140	ng/ul	98
14) Pentachlorophenol	16.540	266	162	0.025	ng/ul#	82
15) Phenanthrene	16.925	178	56216	1.542	ng/ul	97
16) Anthracene	17.013	178	13444	0.378	ng/ul	99
19) Fluoranthene	18.950	202	112100	2.326	ng/ul	99
20) Pyrene	19.317	202	87162	1.670	ng/ul	99
21) Benzo(a)anthracene	21.076	228	57922	1.116	ng/ul	96
22) Chrysene	21.126	228	68052	1.355	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	94233m	1.824	ng/ul	
25) Benzo(k)fluoranthene	22.630	252	33780m	0.666	ng/ul	
26) Benzo(a)pyrene	23.133	252	32920	0.774	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.337	276	37230	0.575	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.343	278	12560	0.245	ng/ul#	86
29) Benzo(g,h,i)perylene	25.980	276	5710	0.111	ng/ul#	79

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

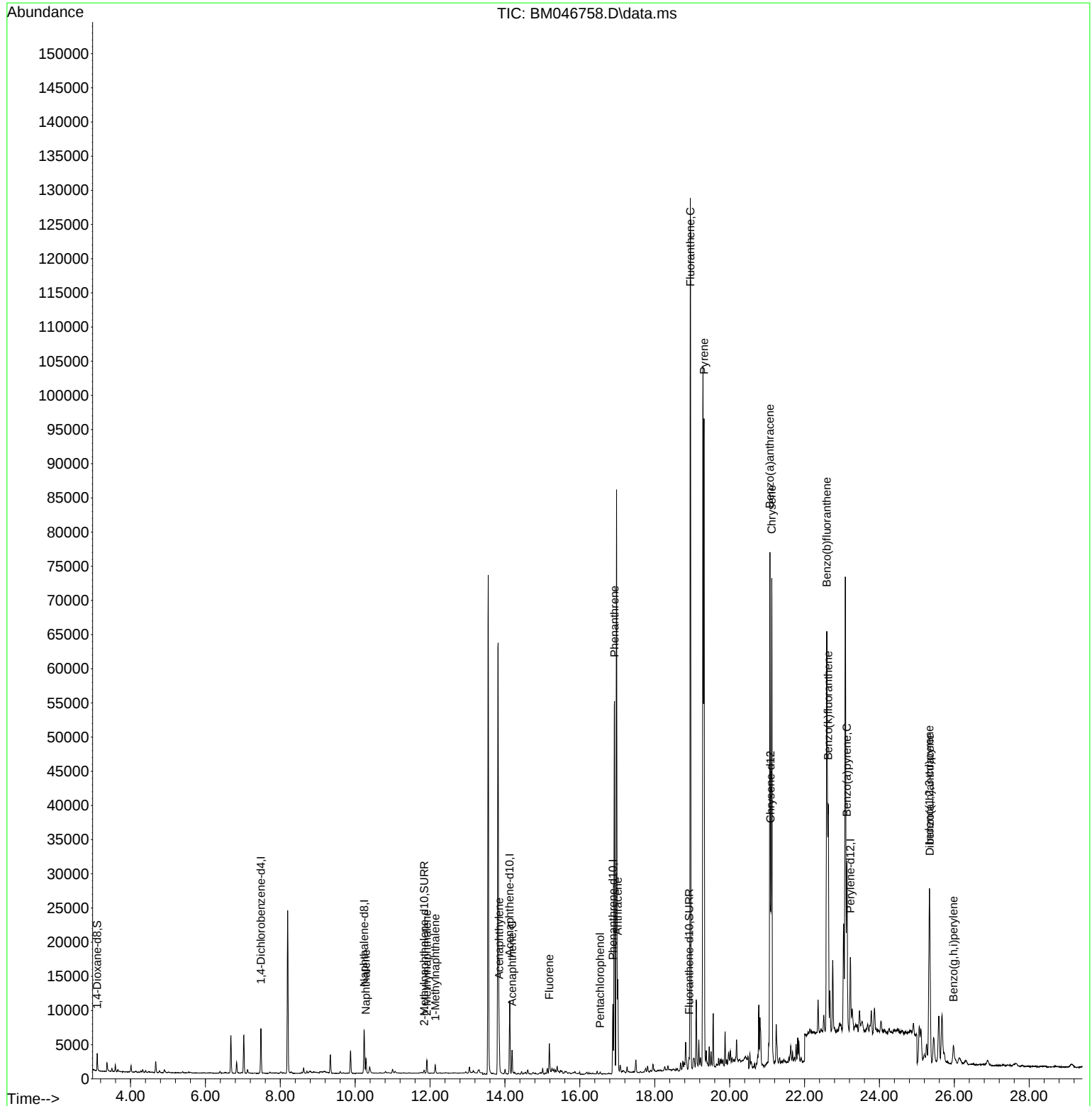
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046758.D
Acq On : 22 Jul 2024 19:03
Operator : MA/JU
Sample : P3201-19DL 5X
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ALS Vial : 15 Sample Multiplier: 1

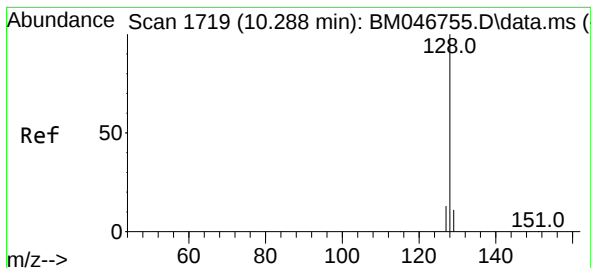
Instrument :
BNA_M
ClientSampleId :
A4CK1DL

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

Quant Time: Jul 22 23:56:17 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: 0.128 ng/ul

RT: 10.286 min Scan# 1719

Delta R.T. -0.011 min

Lab File: BM046758.D

Acq: 22 Jul 2024 19:03

Instrument :

BNA_M

ClientSampleId :

A4CK1DL

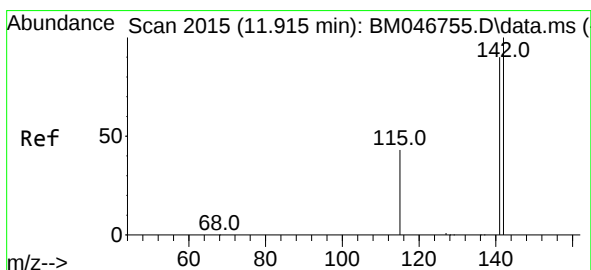
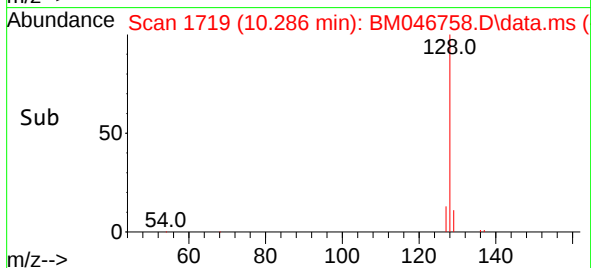
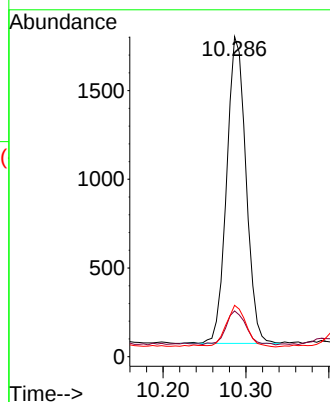
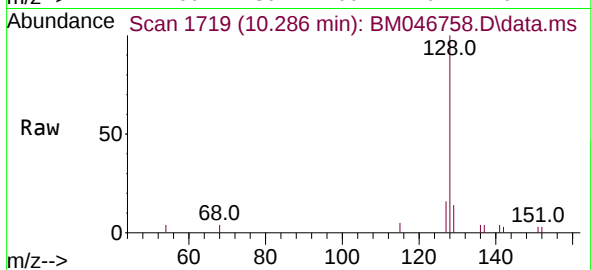
Tgt Ion:128	Resp:	2800
Ion Ratio	Lower	Upper
128	100	
129	14.3	10.3 15.5
127	16.1	12.2 18.4

Manual Integrations

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Supervised By :mohammad ahmed 07/23/2024



#7

2-Methylnaphthalene

Concen: 0.084 ng/ul

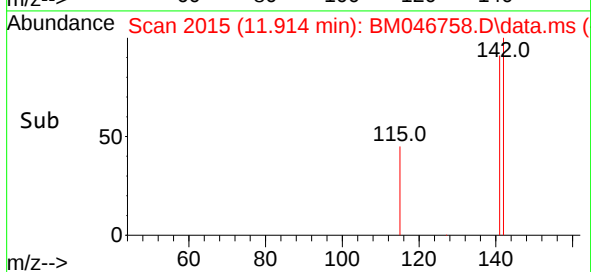
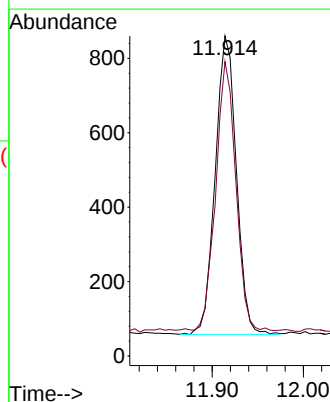
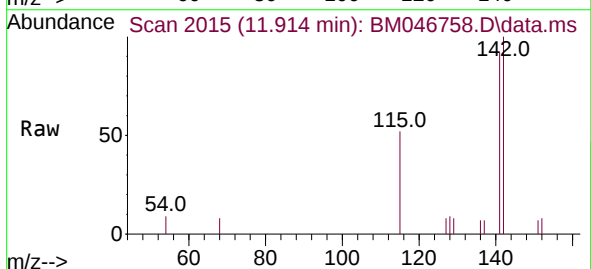
RT: 11.914 min Scan# 2015

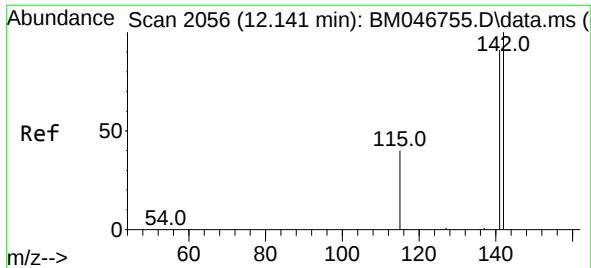
Delta R.T. -0.006 min

Lab File: BM046758.D

Acq: 22 Jul 2024 19:03

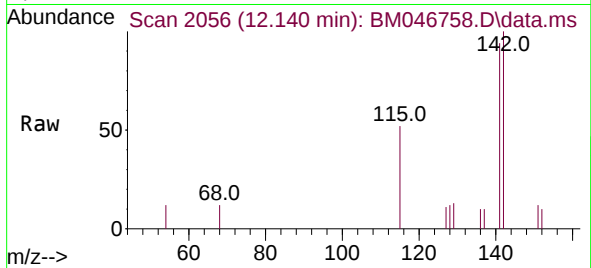
Tgt Ion:142	Resp:	1292
Ion Ratio	Lower	Upper
142	100	
141	85.9	70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.140 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

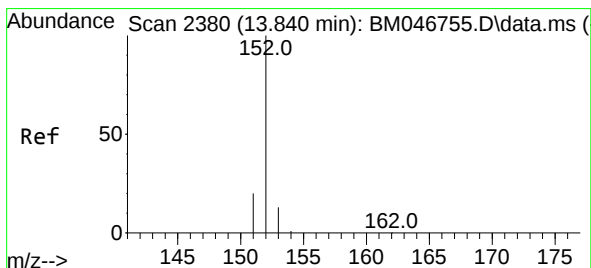
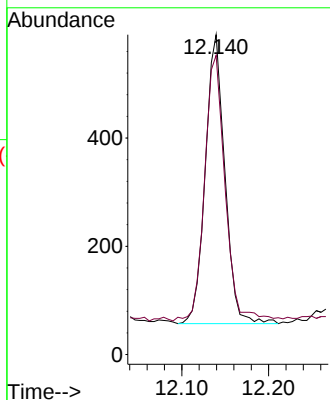
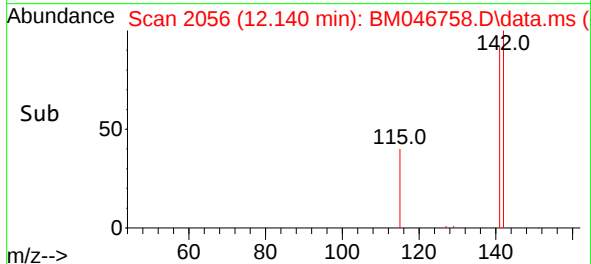
Instrument :
BNA_M
ClientSampleId :
A4CK1DL



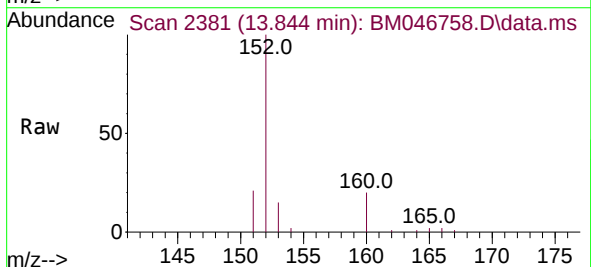
Tgt Ion:142 Resp: 830
Ion Ratio Lower Upper
142 100
141 96.3 73.9 110.9

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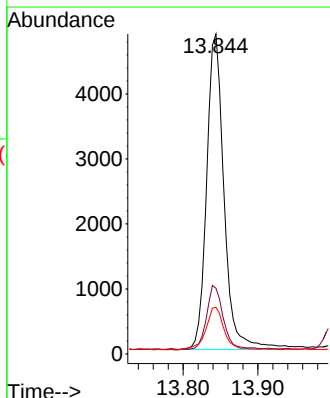
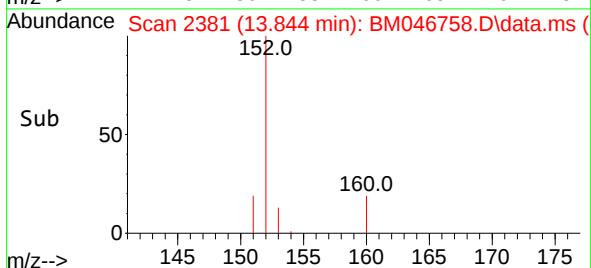
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

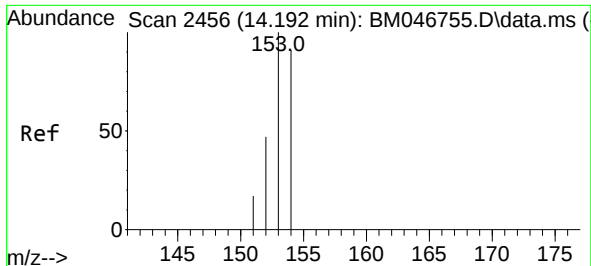


#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 13.844 min Scan# 2381
Delta R.T. -0.005 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03



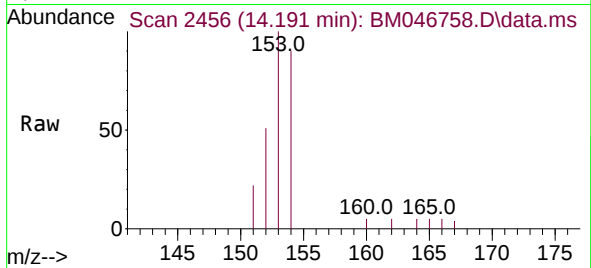
Tgt Ion:152 Resp: 7832
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.6 12.4 18.6





#11
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

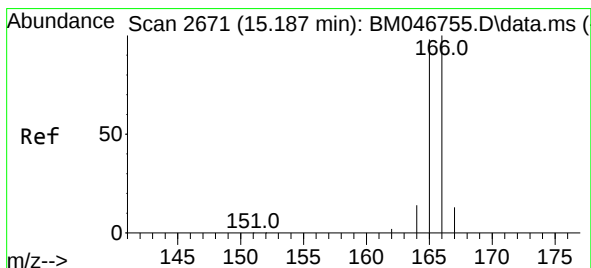
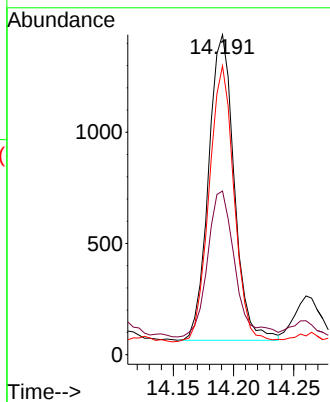
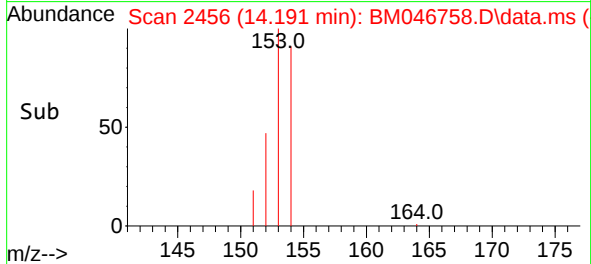
Instrument :
BNA_M
ClientSampleId :
A4CK1DL



Tgt Ion:153 Resp: 2030
Ion Ratio Lower Upper
153 100
152 51.1 43.0 64.6
154 90.3 69.9 104.9

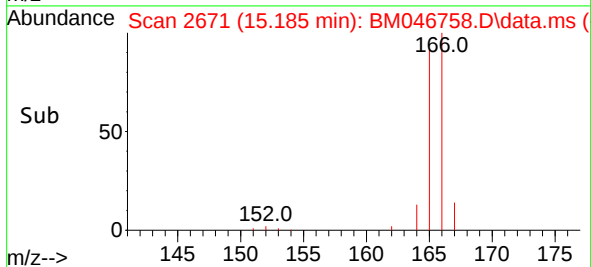
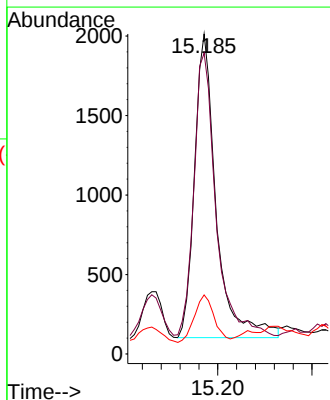
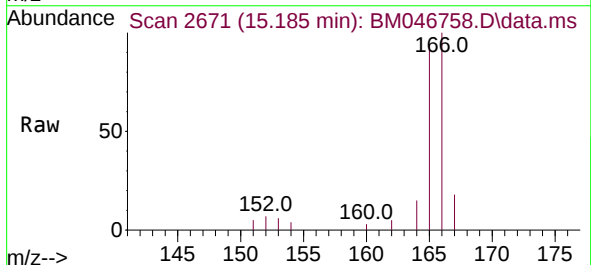
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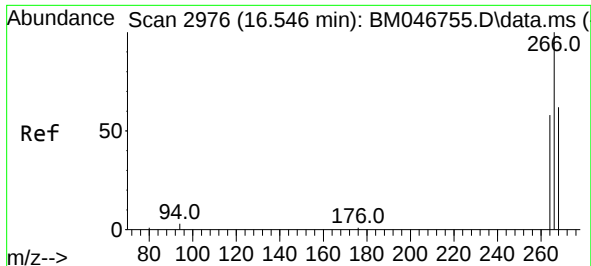
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.140 ng/ul
RT: 15.185 min Scan# 2671
Delta R.T. -0.005 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

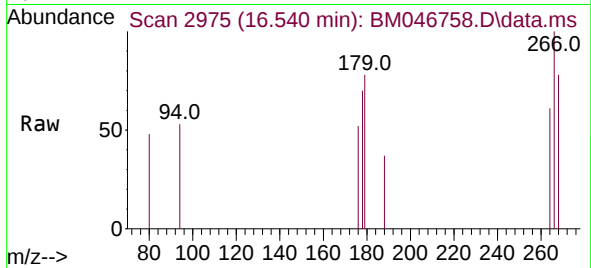
Tgt Ion:166 Resp: 3049
Ion Ratio Lower Upper
166 100
165 94.0 76.1 114.1
167 18.5 12.5 18.7





#14
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.540 min Scan# 2976
Delta R.T. -0.004 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

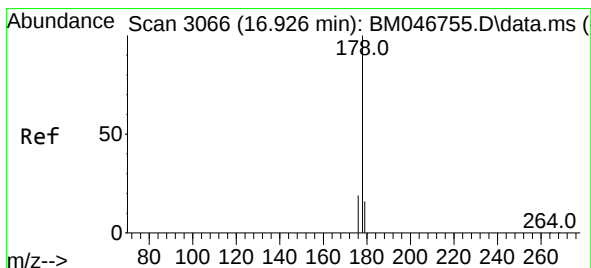
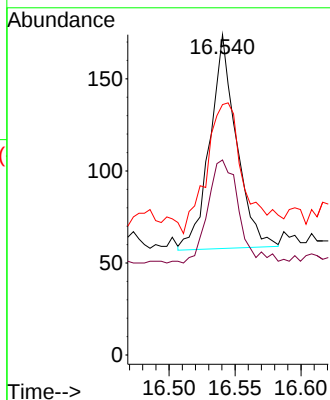
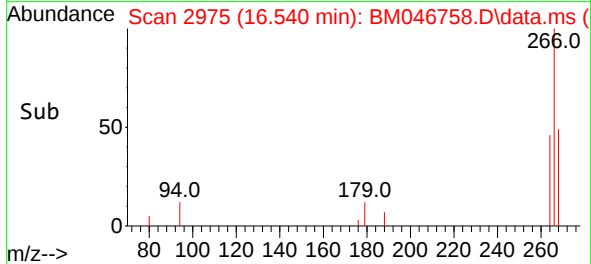
Instrument :
BNA_M
ClientSampleId :
A4CK1DL



Tgt Ion:266 Resp: 162
Ion Ratio Lower Upper
266 100
264 54.9 50.1 75.1
268 86.4 52.5 78.7

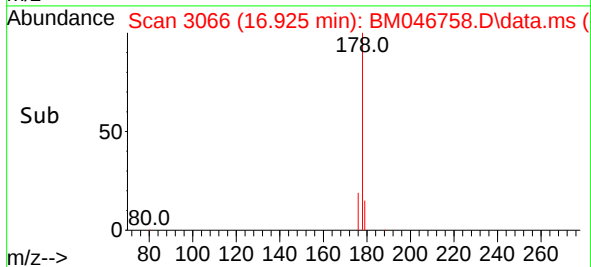
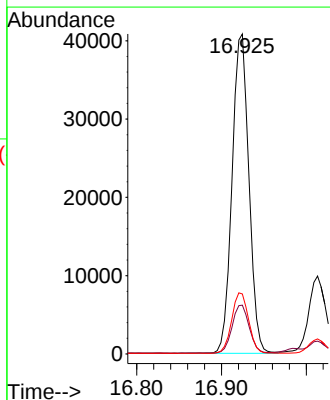
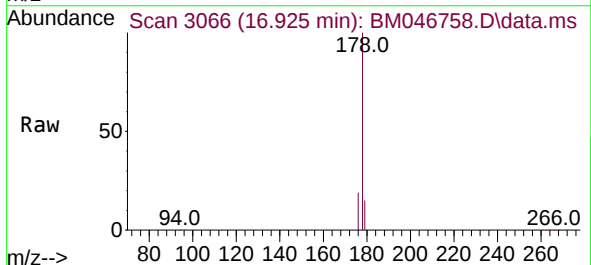
Manual Integrations
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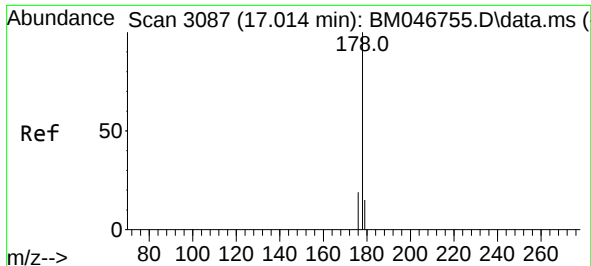
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#15
Phenanthrene
Concen: 1.542 ng/ul
RT: 16.925 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

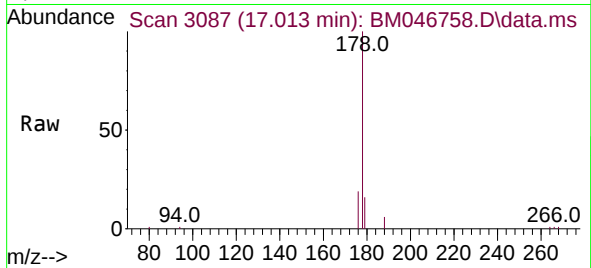
Tgt Ion:178 Resp: 56216
Ion Ratio Lower Upper
178 100
179 15.2 13.1 19.7
176 18.8 16.0 24.0





#16
 Anthracene
 Concen: 0.378 ng/u1
 RT: 17.013 min Scan# 3087
 Delta R.T. -0.004 min
 Lab File: BM046758.D
 Acq: 22 Jul 2024 19:03

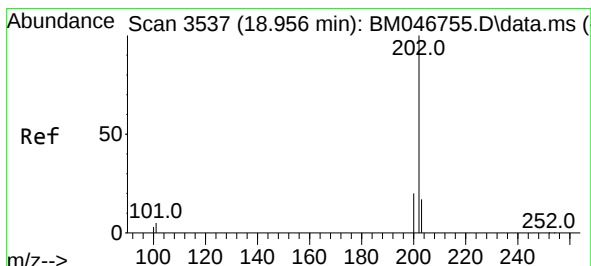
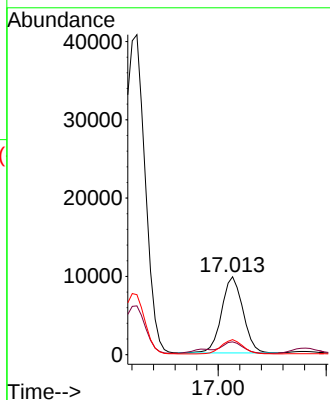
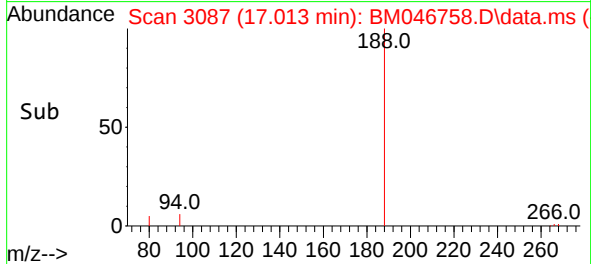
Instrument :
 BNA_M
 ClientSampleId :
 A4CK1DL



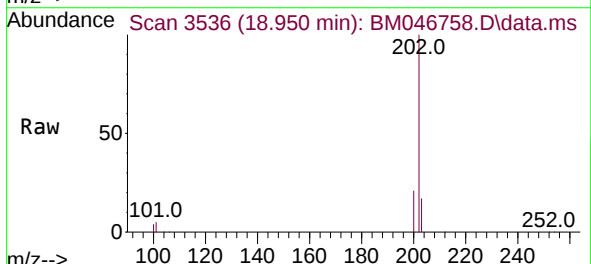
Tgt Ion:178 Resp: 13444
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.5 20.3
 176 19.2 15.7 23.5

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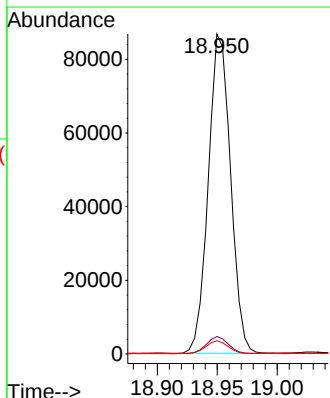
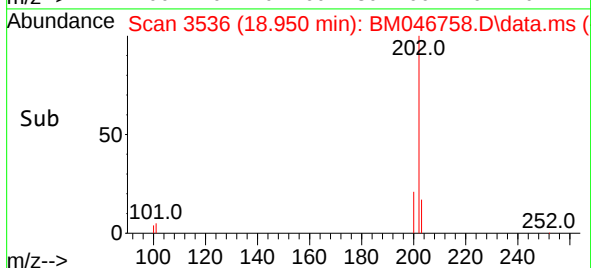
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

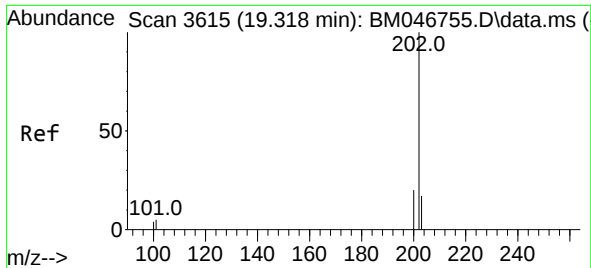


#19
 Fluoranthene
 Concen: 2.326 ng/u1
 RT: 18.950 min Scan# 3536
 Delta R.T. -0.005 min
 Lab File: BM046758.D
 Acq: 22 Jul 2024 19:03



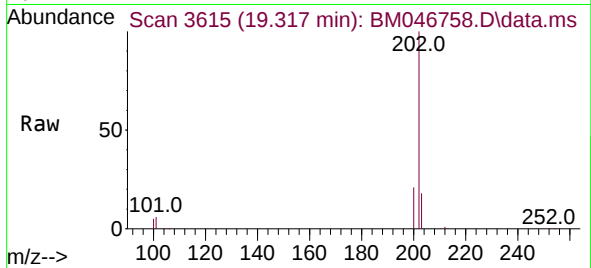
Tgt Ion:202 Resp: 112100
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.6 6.8
 100 4.2 3.0 4.6





#20
Pyrene
Concen: 1.670 ng/ul
RT: 19.317 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

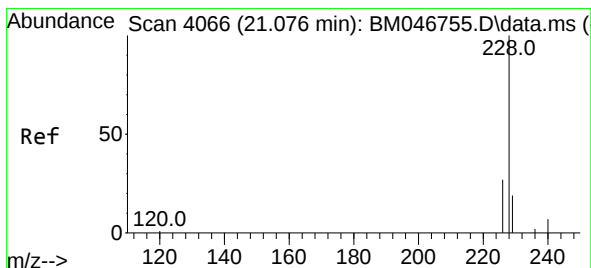
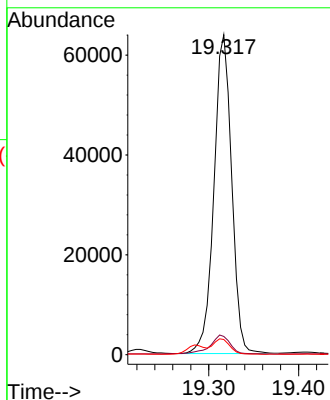
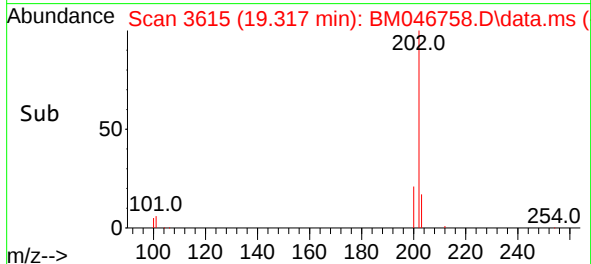
Instrument :
BNA_M
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A4CK1DL



Tgt Ion:202 Resp: 87162
Ion Ratio Lower Upper
202 100
101 5.7 5.1 7.7
100 4.7 3.8 5.6

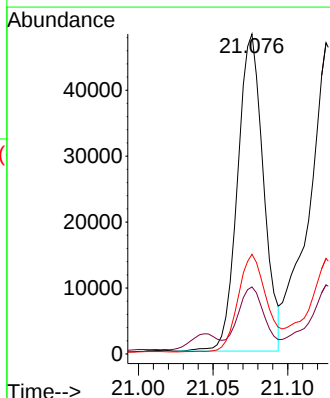
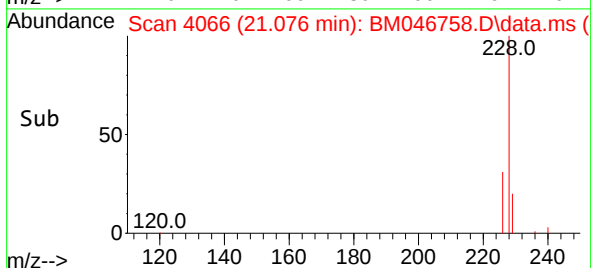
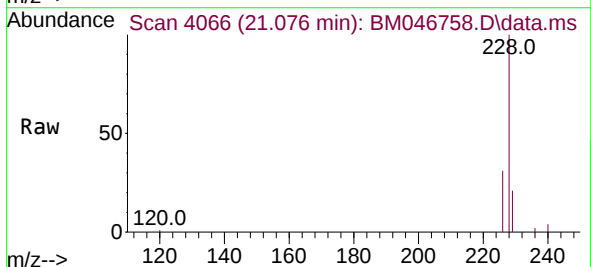
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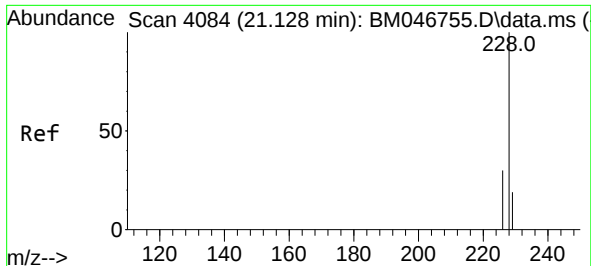
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#21
Benzo(a)anthracene
Concen: 1.116 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

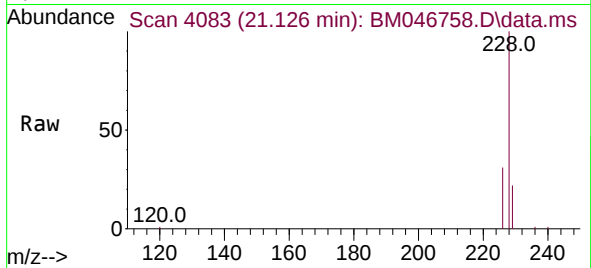
Tgt Ion:228 Resp: 57922
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 31.1 22.5 33.7





#22
Chrysene
Concen: 1.355 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

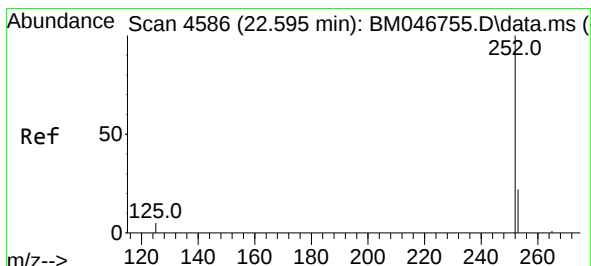
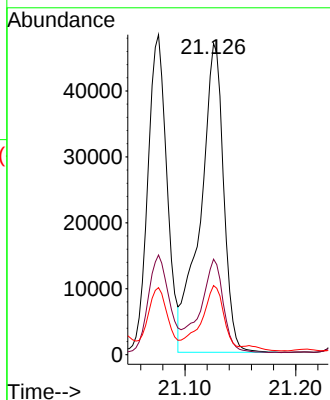
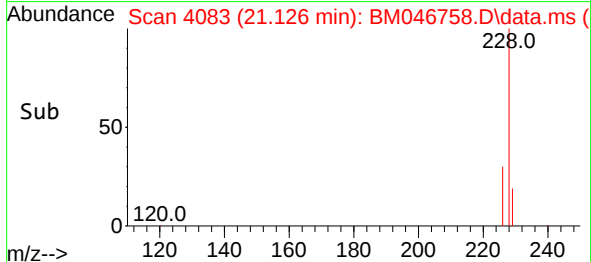
Instrument :
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ClientSampleId :
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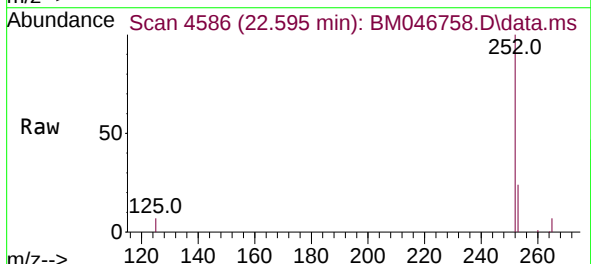
Tgt Ion:228 Resp: 68052
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.2 16.4 24.6

Manual Integrations
APPROVED

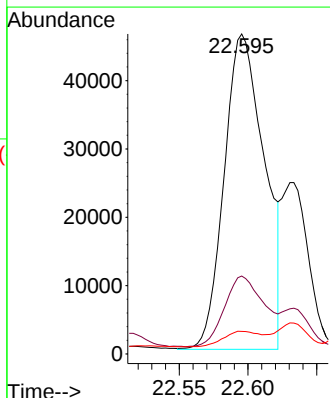
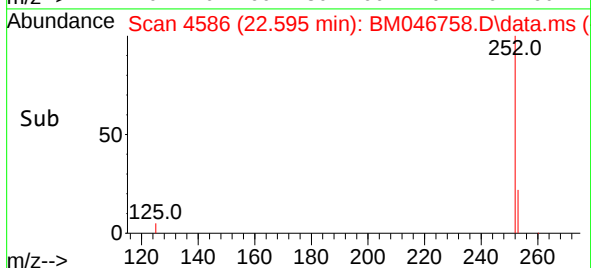
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

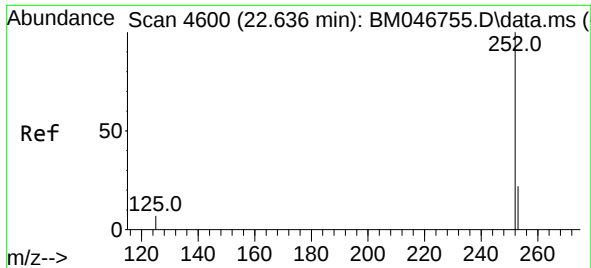


#24
Benzo(b)fluoranthene
Concen: 1.824 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03



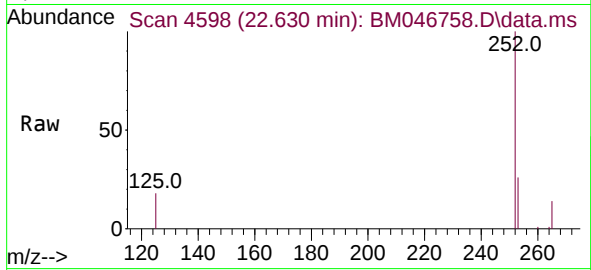
Tgt Ion:252 Resp: 94233
Ion Ratio Lower Upper
252 100
253 24.3 0.0 56.2
125 7.1 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.666 ng/ul m
RT: 22.630 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

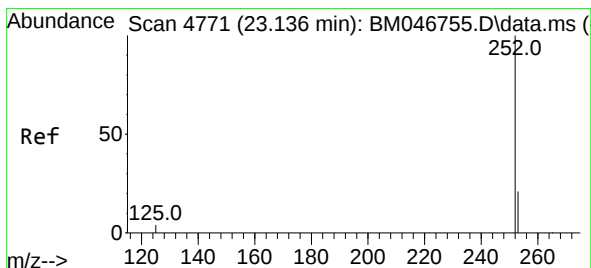
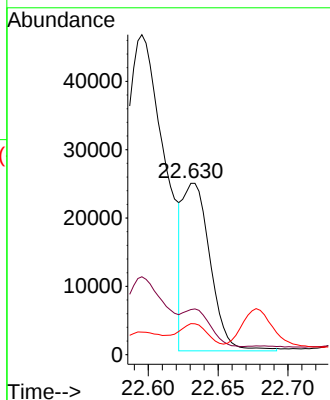
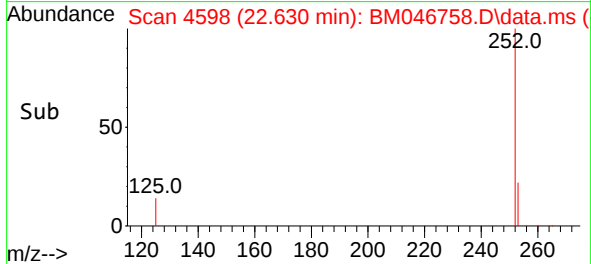
Instrument :
BNA_M
ClientSampleId :
A4CK1DL



Tgt Ion:252 Resp: 33780
Ion Ratio Lower Upper
252 100
253 26.3 22.4 33.6
125 18.1 7.0 10.4

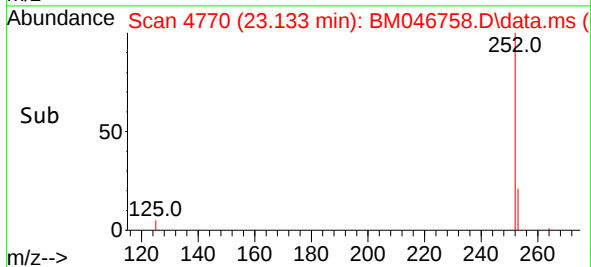
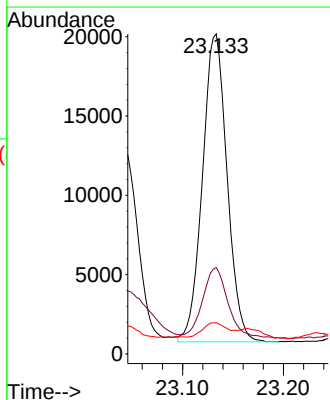
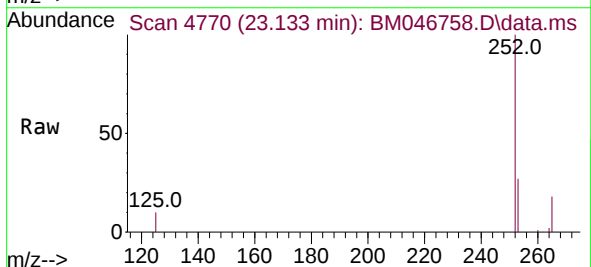
Manual Integrations
APPROVED

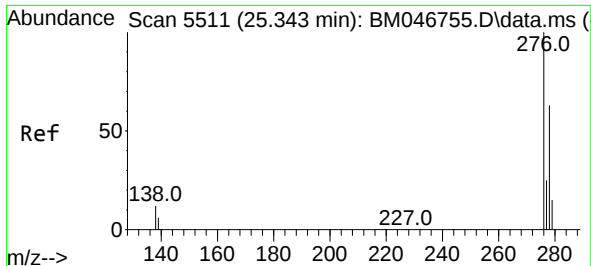
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#26
Benzo(a)pyrene
Concen: 0.774 ng/ul
RT: 23.133 min Scan# 4770
Delta R.T. -0.006 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

Tgt Ion:252 Resp: 32920
Ion Ratio Lower Upper
252 100
253 27.0 24.0 36.0
125 9.8 8.2 12.2





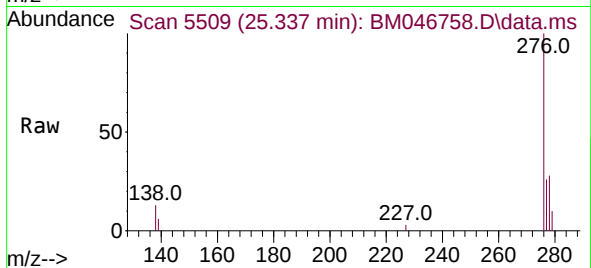
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.575 ng/ul
RT: 25.337 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

Instrument :

BNA_M

ClientSampleId :

A4CK1DL



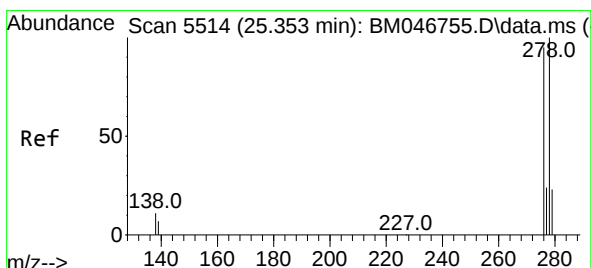
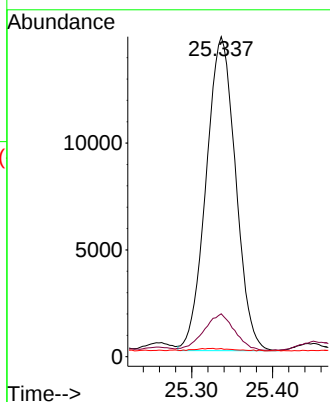
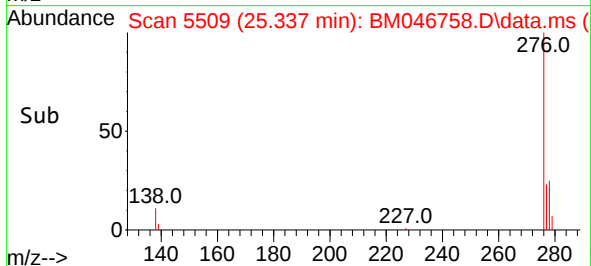
Tgt Ion:276 Resp: 37230
Ion Ratio Lower Upper
276 100
138 12.3 0.0 0.0#
227 1.0 0.2 0.2#

Manual Integrations

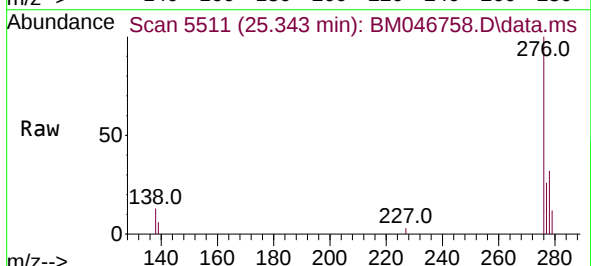
APPROVED

Reviewed By :Yogesh Patel 07/23/2024

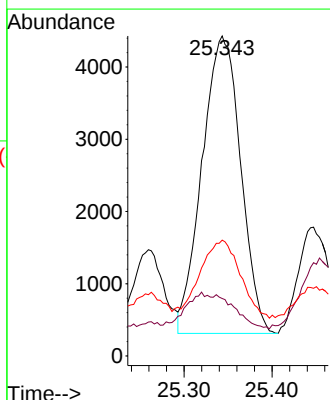
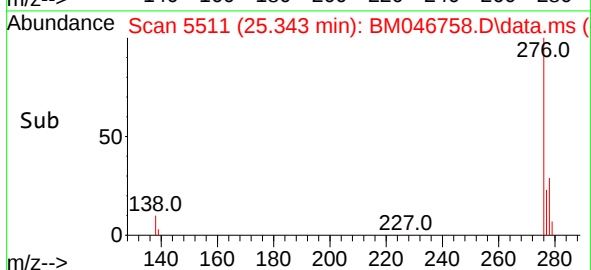
Supervised By :mohammad ahmed 07/23/2024

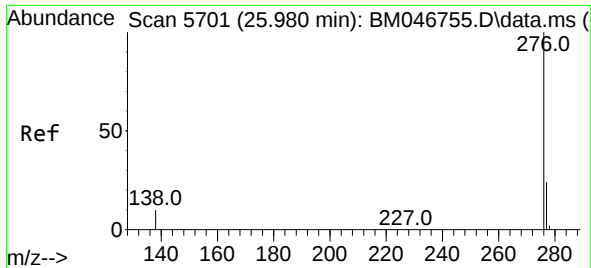


#28
Dibenzo(a,h)anthracene
Concen: 0.245 ng/ul
RT: 25.343 min Scan# 5511
Delta R.T. -0.017 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03



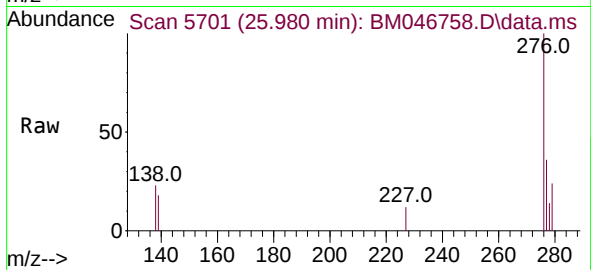
Tgt Ion:278 Resp: 12560
Ion Ratio Lower Upper
278 100
139 18.0 9.1 13.7#
279 36.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.003 min
Lab File: BM046758.D
Acq: 22 Jul 2024 19:03

Instrument :
BNA_M
ClientSampleId :
A4CK1DL



Tgt Ion:276 Resp: 5710
Ion Ratio Lower Upper
276 100
138 23.0 10.2 15.4
277 35.6 20.9 31.3

Manual Integrations
APPROVED

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

