

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046750.D
 Acq On : 22 Jul 2024 14:08
 Operator : MA/JU
 Sample : P3238-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BF3

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 14:54:08 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	7.484	152	2997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	10257	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.126	164	5604	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.882	188	12566	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.094	240	8801	0.400	ng/ul	# 0.00
23) Perylene-d12	23.227	264	12455	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	6021	2.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.842	152	2511	0.152	ng/ul	0.00
18) Fluoranthene-d10	18.922	212	5984	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	6517	0.250	ng/ul	98
7) 2-Methylnaphthalene	11.914	142	2650	0.145	ng/ul	99
8) 1-Methylnaphthalene	12.139	142	2587	0.138	ng/ul	98
10) Acenaphthylene	13.844	152	9744	0.382	ng/ul	99
11) Acenaphthene	14.191	153	18339	1.073	ng/ul	96
12) Fluorene	15.185	166	22803	1.078	ng/ul	96
15) Phenanthrene	16.925	178	509924	14.220	ng/ul	98
16) Anthracene	17.013	178	69238	1.979	ng/ul	98
19) Fluoranthene	18.954	202	900623	24.913	ng/ul	99
20) Pyrene	19.317	202	628379	16.055	ng/ul	99
21) Benzo(a)anthracene	21.076	228	332150	8.531	ng/ul	99
22) Chrysene	21.129	228	367359	9.751	ng/ul	98
24) Benzo(b)fluoranthene	22.598	252	568955m	11.437	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	196079m	4.015	ng/ul	
26) Benzo(a)pyrene	23.133	252	224526m	5.484	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.340	276	175344	2.814	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	55851	1.132	ng/ul	99
29) Benzo(g,h,i)perylene	25.980	276	27013	0.543	ng/ul	95

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

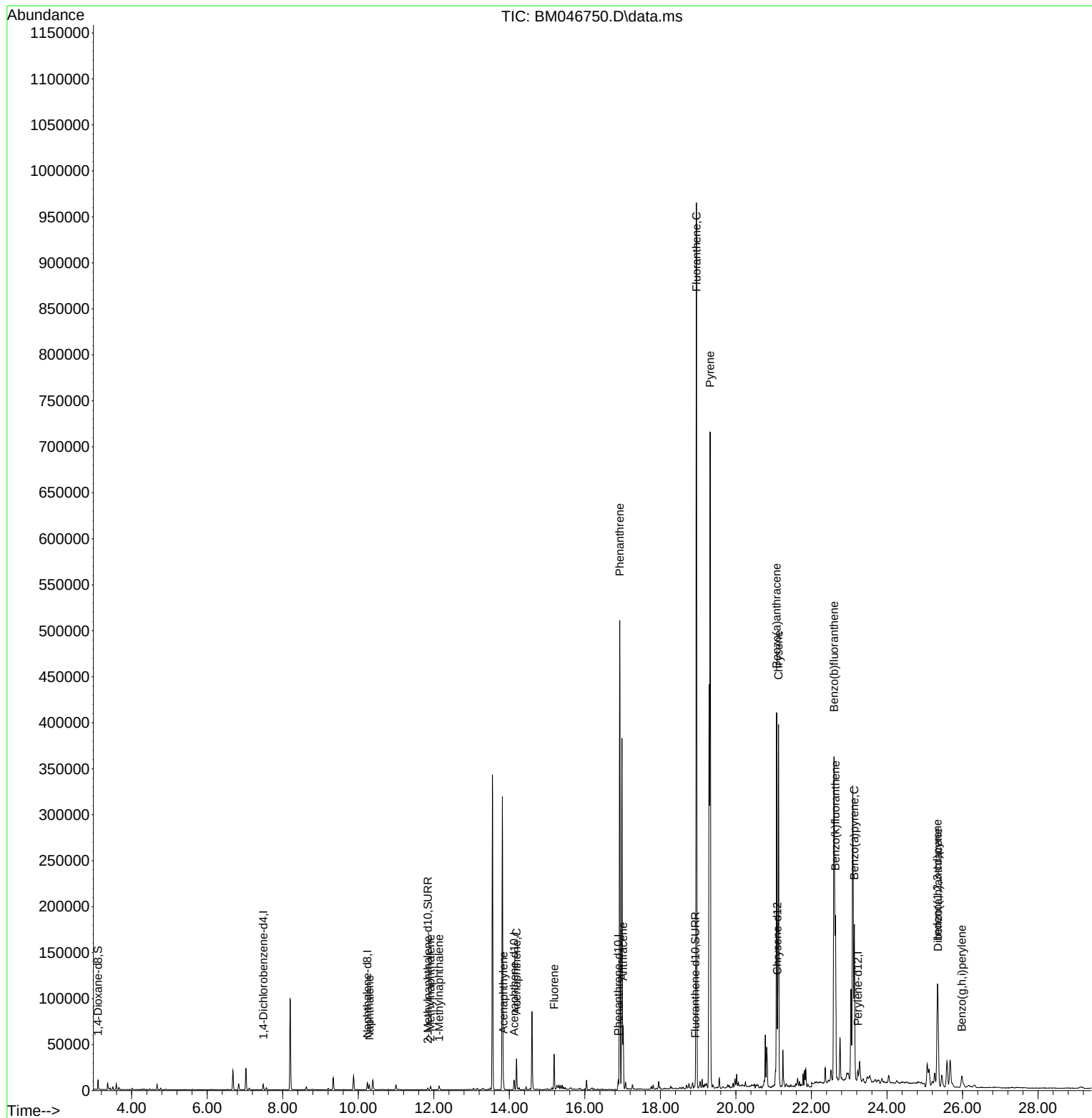
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046750.D
Acq On : 22 Jul 2024 14:08
Operator : MA/JU
Sample : P3238-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

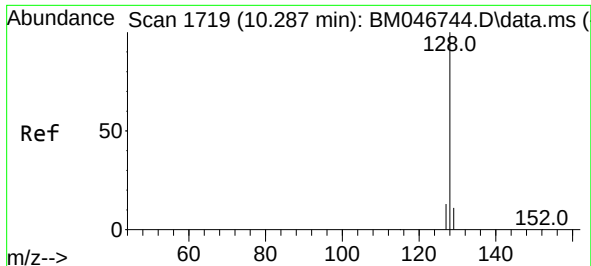
Instrument :
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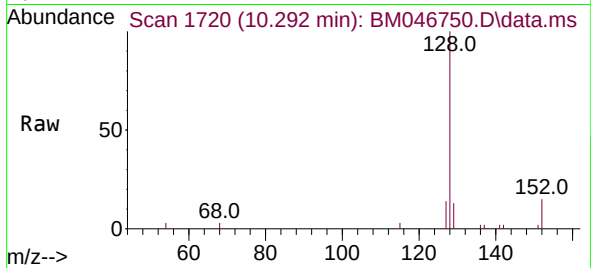
Quant Time: Jul 22 14:54:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.250 ng/ul
RT: 10.292 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

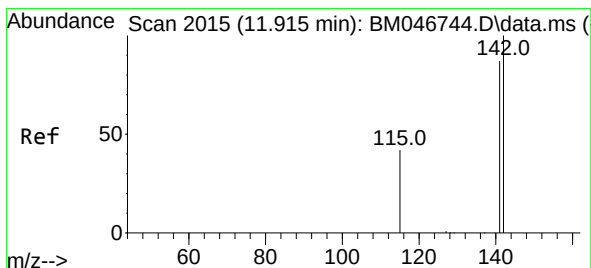
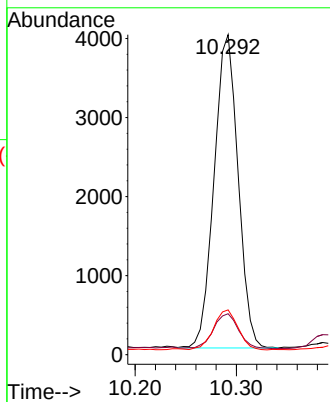
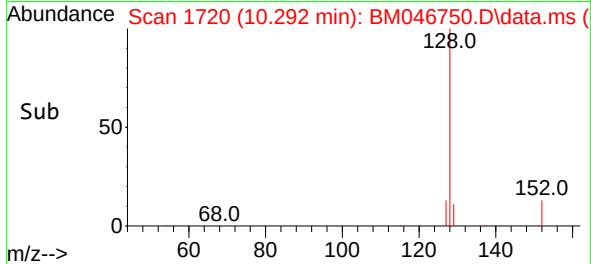
Instrument :
BNA_M
ClientSampleId :
A4BF3



Tgt Ion:128 Resp: 651
Ion Ratio Lower Upper
128 100
129 12.8 10.3 15.5
127 14.0 12.2 18.4

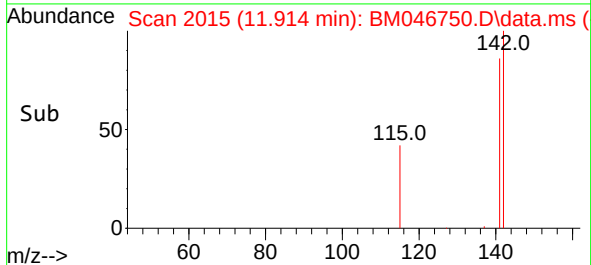
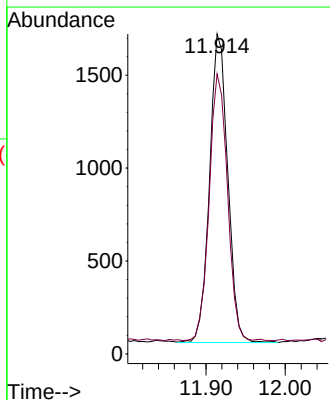
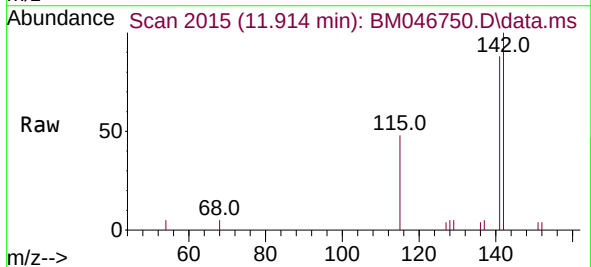
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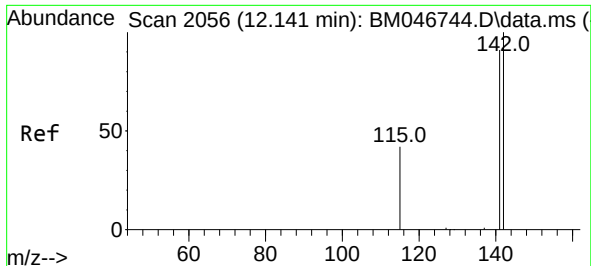
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

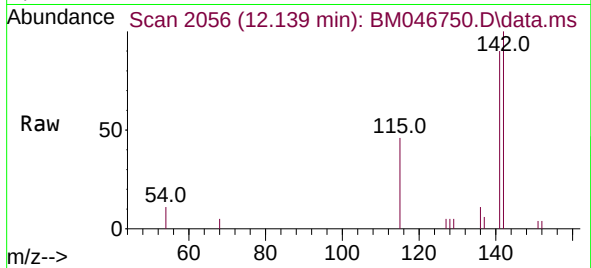
Tgt Ion:142 Resp: 2650
Ion Ratio Lower Upper
142 100
141 86.7 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.139 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

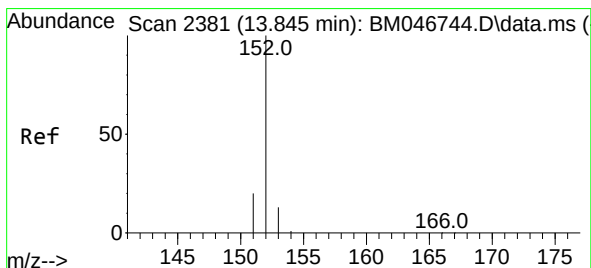
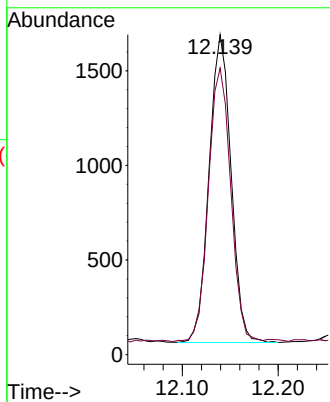
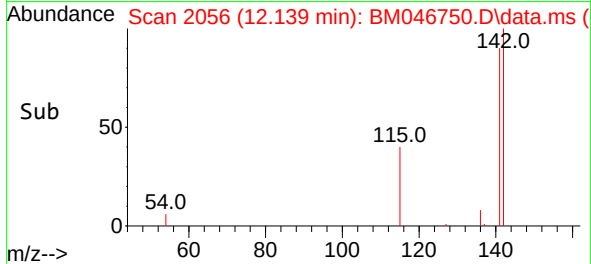
Instrument :
BNA_M
ClientSampleId :
A4BF3



Tgt Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
141 90.1 73.9 110.9

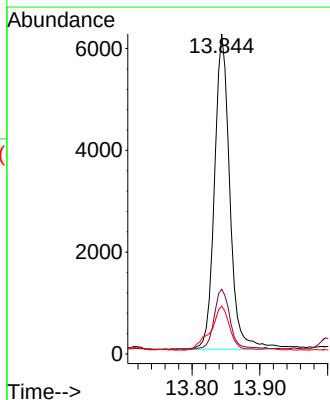
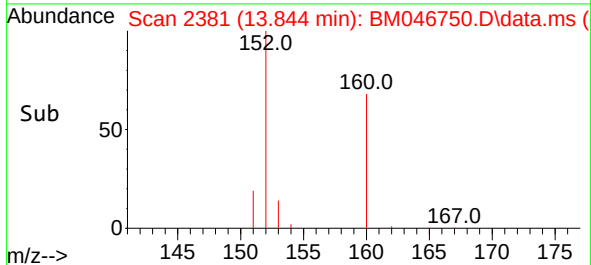
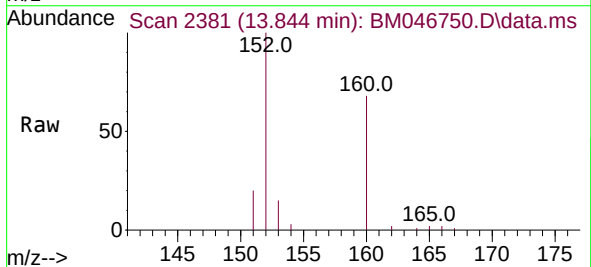
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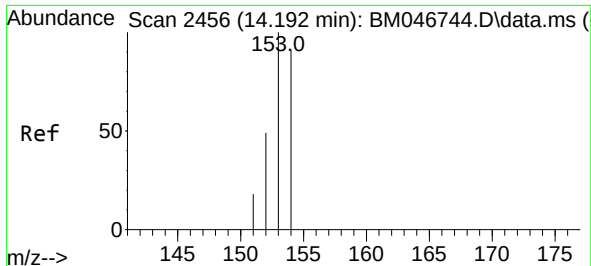
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 13.844 min Scan# 2381
Delta R.T. -0.005 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

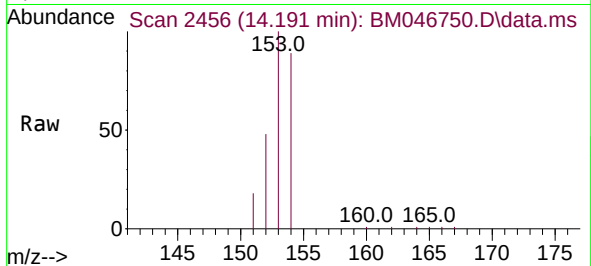
Tgt Ion:152 Resp: 9744
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.9 12.4 18.6





#11
Acenaphthene
Concen: 1.073 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

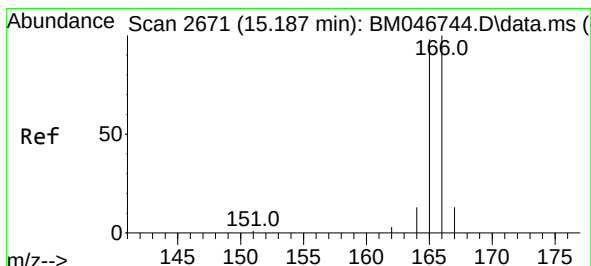
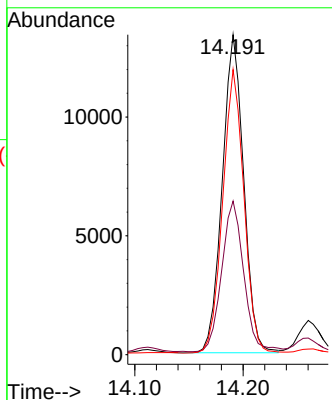
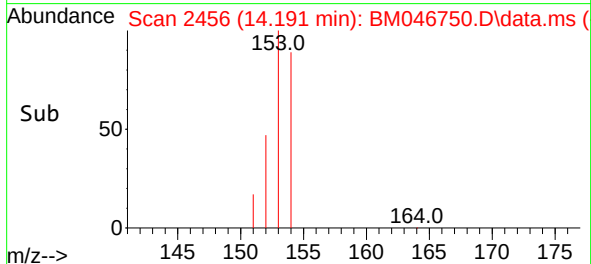
Instrument :
BNA_M
ClientSampleId :
A4BF3



Tgt Ion:153 Resp: 18339
Ion Ratio Lower Upper
153 100
152 48.0 43.0 64.6
154 89.1 69.9 104.9

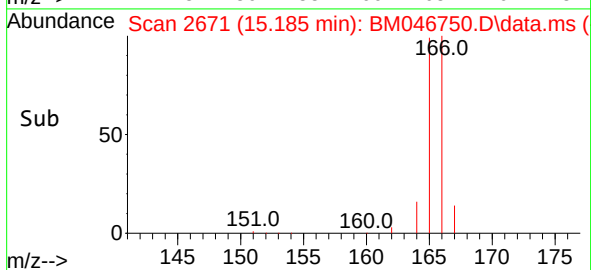
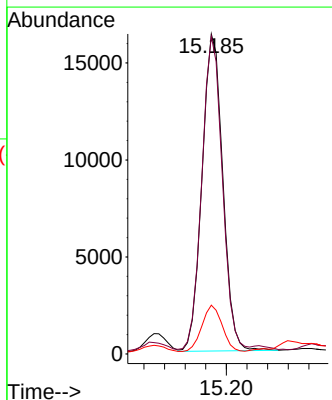
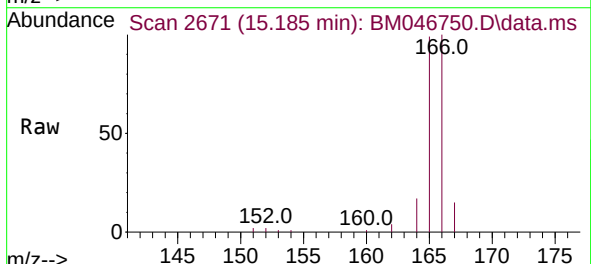
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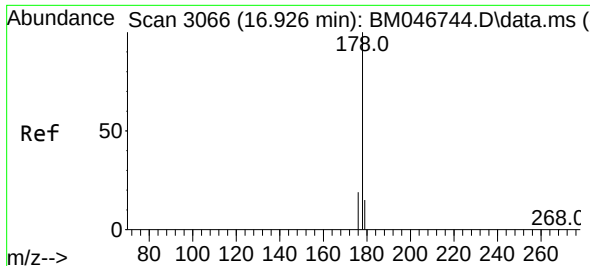
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 1.078 ng/ul
RT: 15.185 min Scan# 2671
Delta R.T. -0.005 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

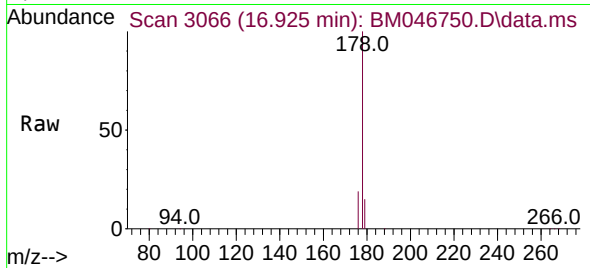
Tgt Ion:166 Resp: 22803
Ion Ratio Lower Upper
166 100
165 99.3 76.1 114.1
167 15.3 12.5 18.7





#15
Phenanthrene
Concen: 14.220 ng/uI
RT: 16.925 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

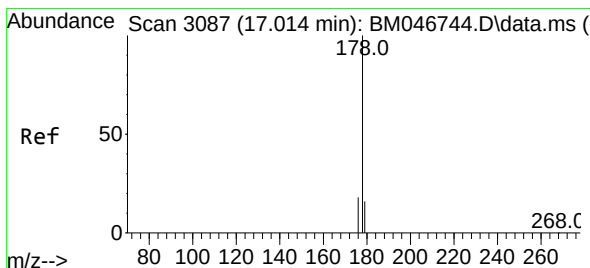
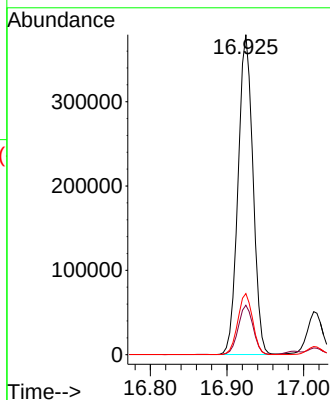
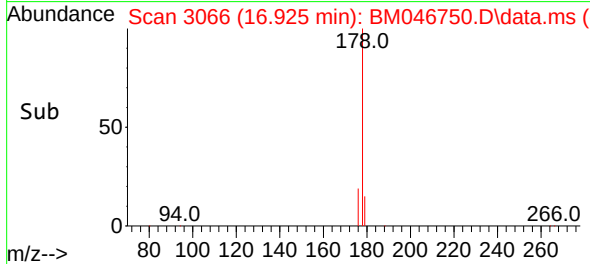
Instrument :
BNA_M
ClientSampleId :
A4BF3



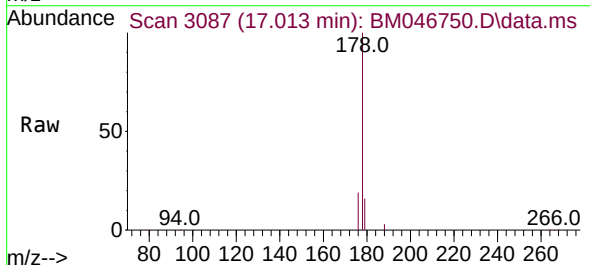
Tgt Ion:178 Resp: 509924
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.1 16.0 24.0

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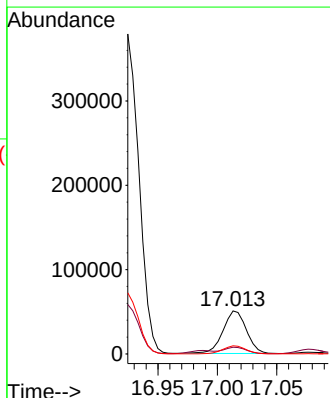
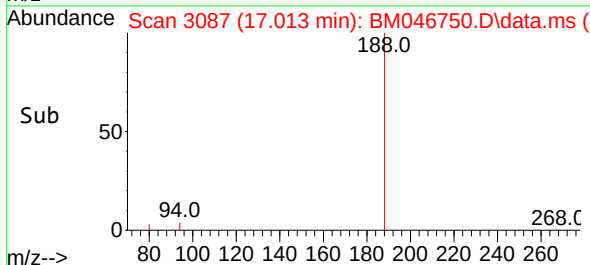
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

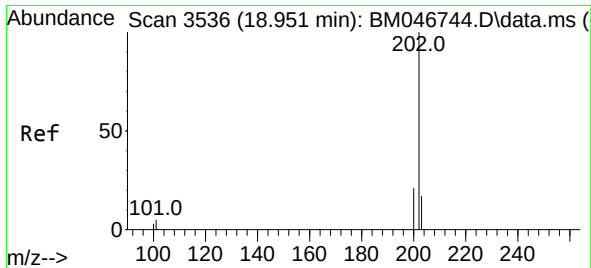


#16
Anthracene
Concen: 1.979 ng/uI
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08



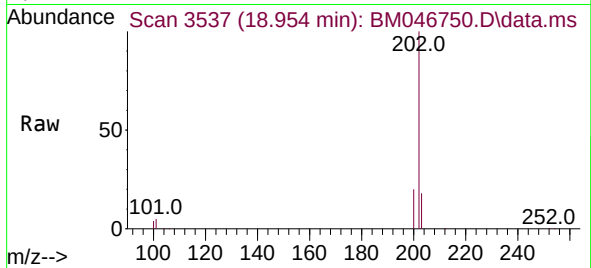
Tgt Ion:178 Resp: 69238
Ion Ratio Lower Upper
178 100
179 15.7 13.5 20.3
176 18.9 15.7 23.5





#19
Fluoranthene
Concen: 24.913 ng/ul
RT: 18.954 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

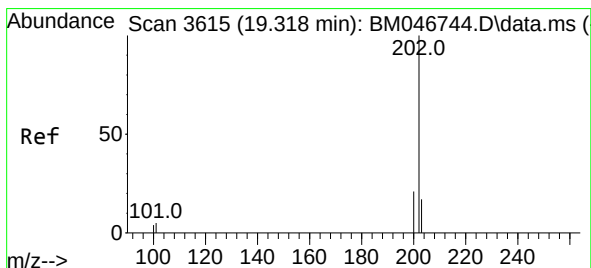
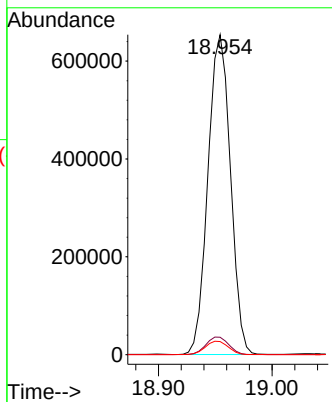
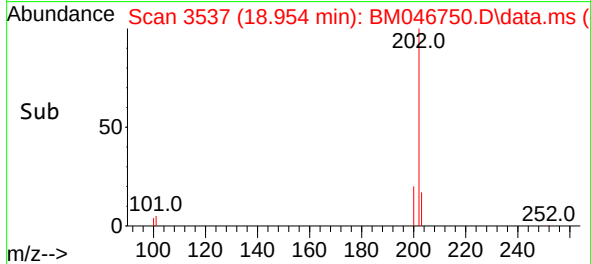
Instrument :
BNA_M
ClientSampleId :
A4BF3



Tgt Ion:202 Resp: 900621
Ion Ratio Lower Upper
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101 5.4 4.6 6.8
100 4.1 3.0 4.6

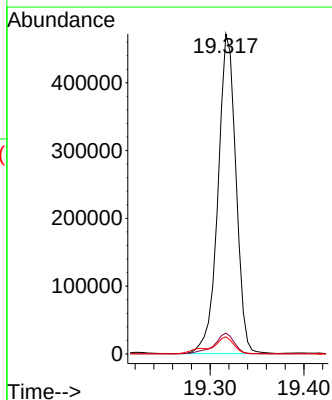
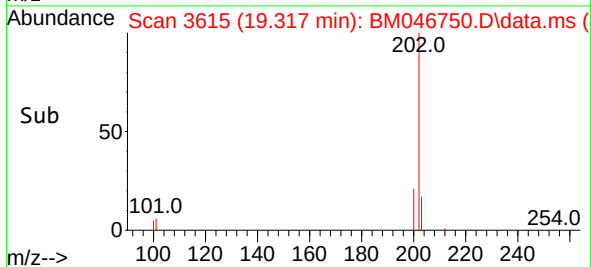
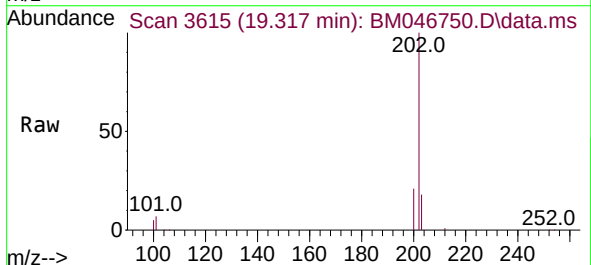
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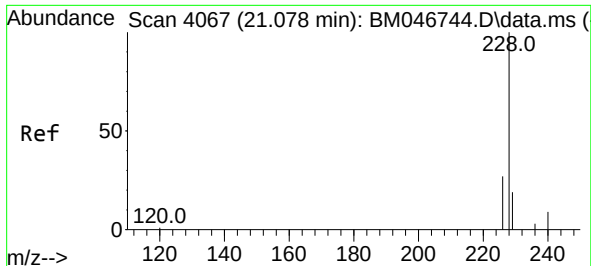
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 16.055 ng/ul
RT: 19.317 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

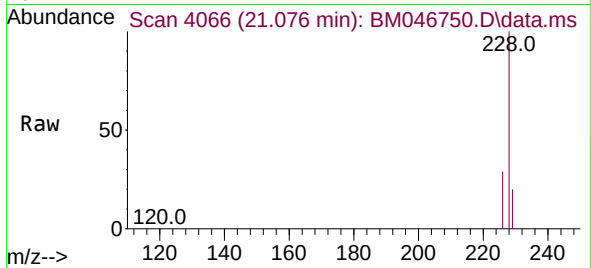
Tgt Ion:202 Resp: 628379
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 5.3 3.8 5.6





#21
Benzo(a)anthracene
Concen: 8.531 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

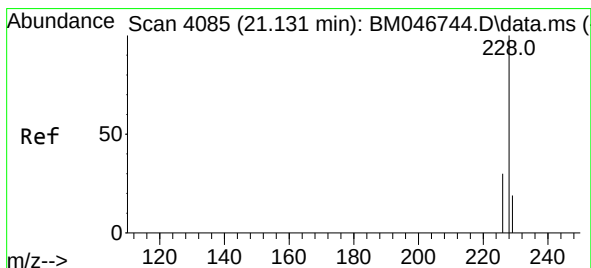
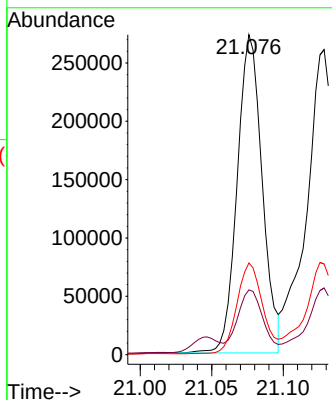
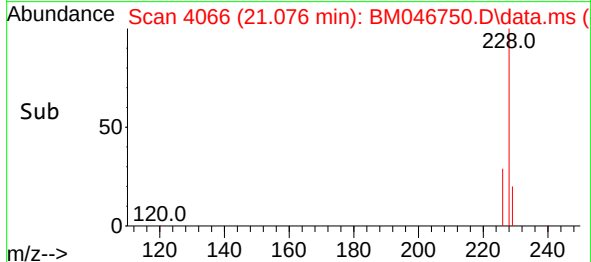
Instrument :
BNA_M
ClientSampleId :
A4BF3



Tgt Ion:228 Resp: 332150
Ion Ratio Lower Upper
228 100
229 20.3 16.5 24.7
226 28.7 22.5 33.7

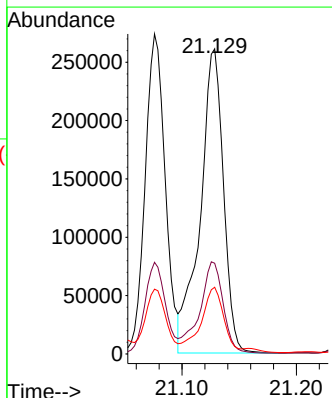
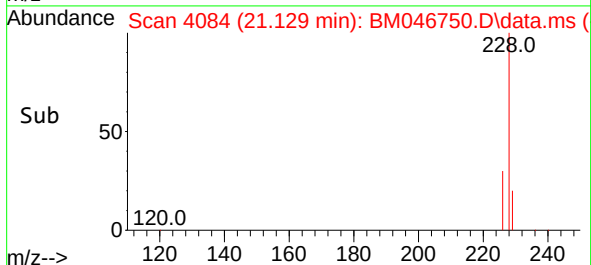
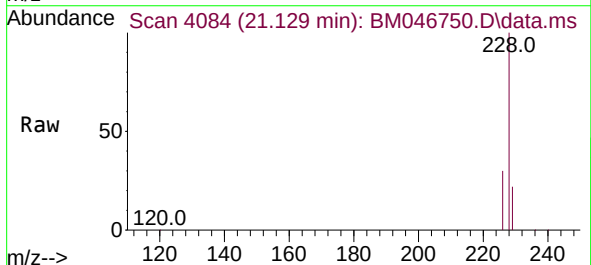
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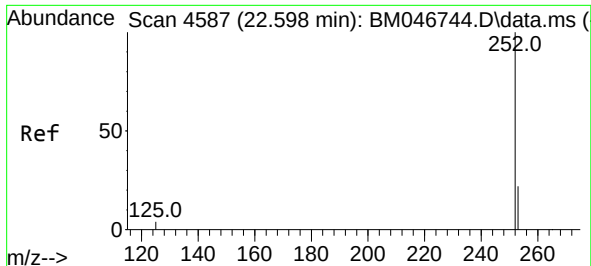
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 9.751 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

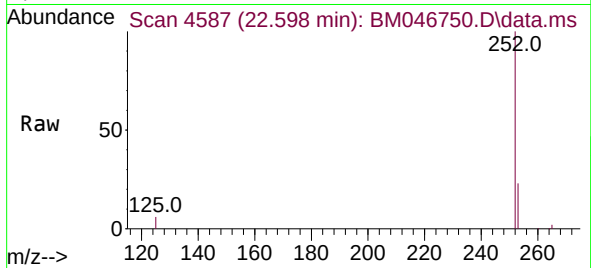
Tgt Ion:228 Resp: 367359
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 21.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 11.437 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

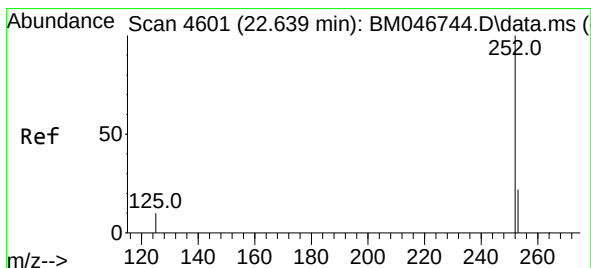
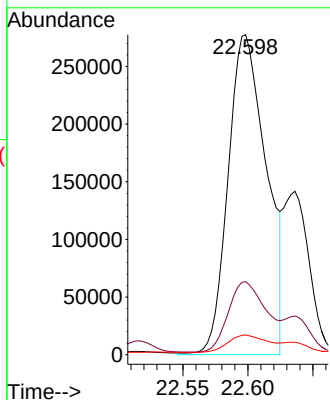
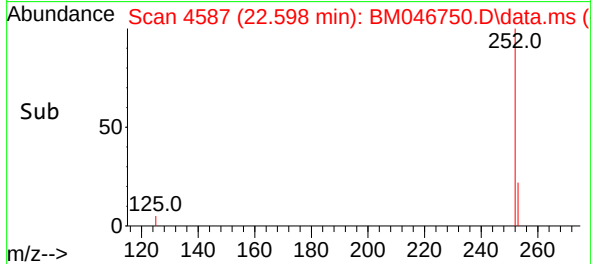
Instrument :
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ClientSampleId :
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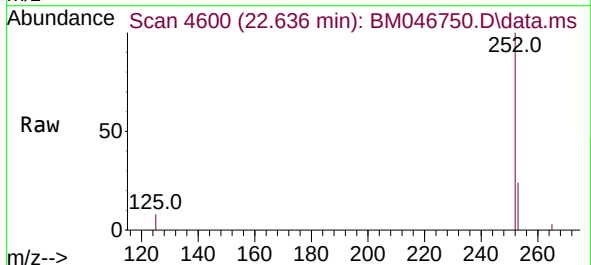
Tgt Ion:252 Resp: 56895
Ion Ratio Lower Upper
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253 22.8 0.0 56.2
125 6.2 0.0 17.8

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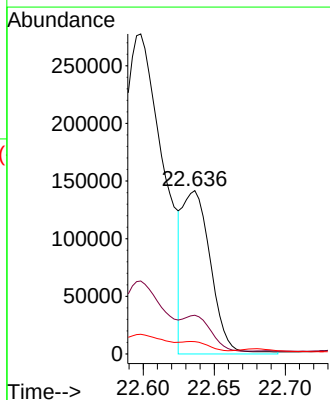
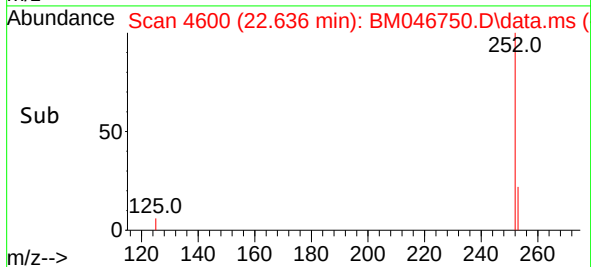
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

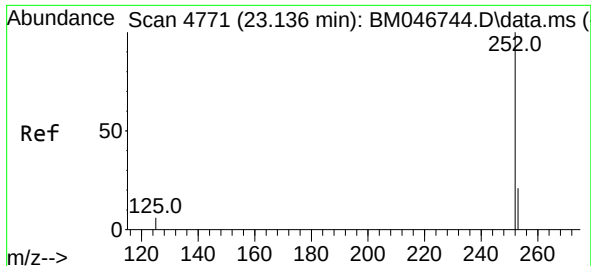


#25
Benzo(k)fluoranthene
Concen: 4.015 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08



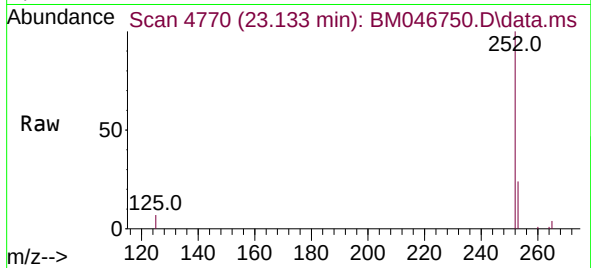
Tgt Ion:252 Resp: 196079
Ion Ratio Lower Upper
252 100
253 23.7 22.4 33.6
125 7.6 7.0 10.4





#26
Benzo(a)pyrene
Concen: 5.484 ng/ul m
RT: 23.133 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

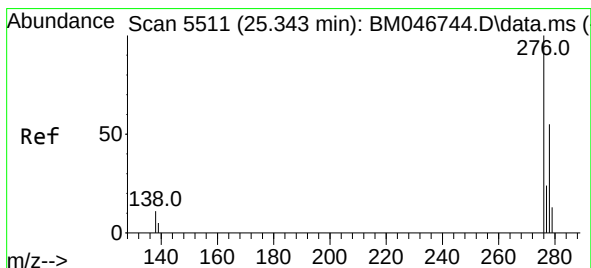
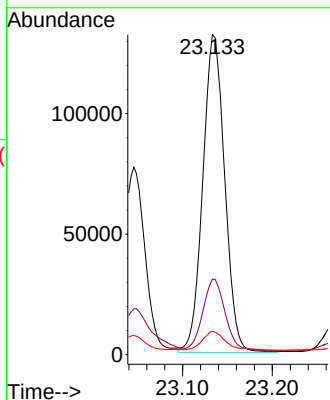
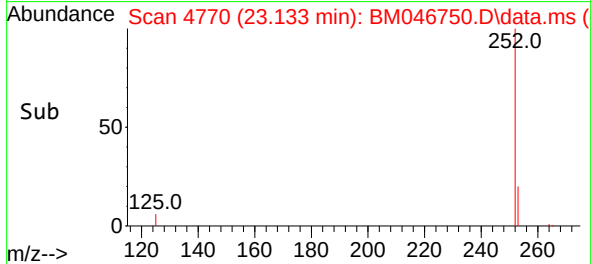
Instrument :
BNA_M
ClientSampleId :
A4BF3



Tgt Ion:252 Resp: 224520
Ion Ratio Lower Upper
252 100
253 23.6 24.0 36.0#
125 7.3 8.2 12.2#

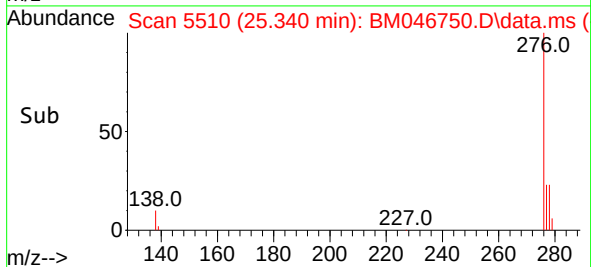
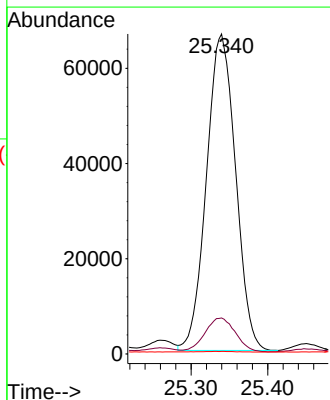
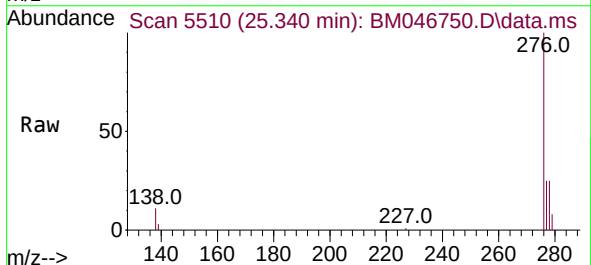
Manual Integrations
APPROVED

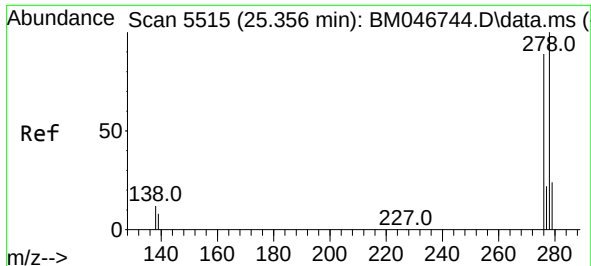
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.814 ng/ul
RT: 25.340 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

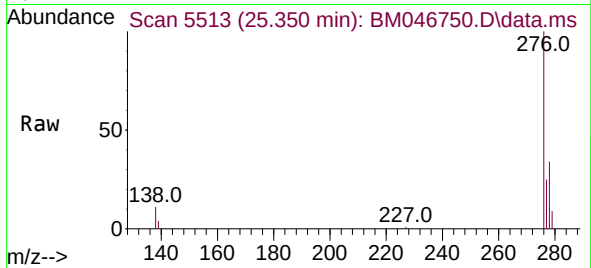
Tgt Ion:276 Resp: 175344
Ion Ratio Lower Upper
276 100
138 11.1 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.132 ng/ul
RT: 25.350 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08

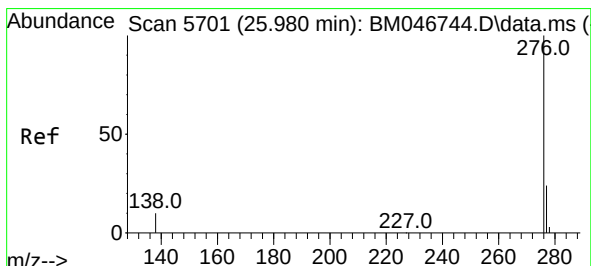
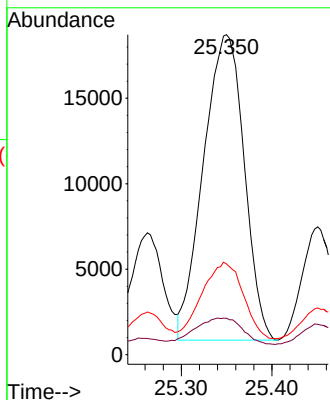
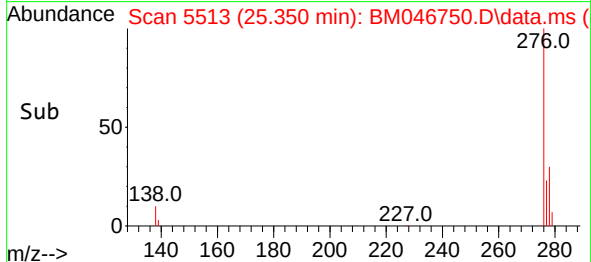
Instrument :
BNA_M
ClientSampleId :
A4BF3



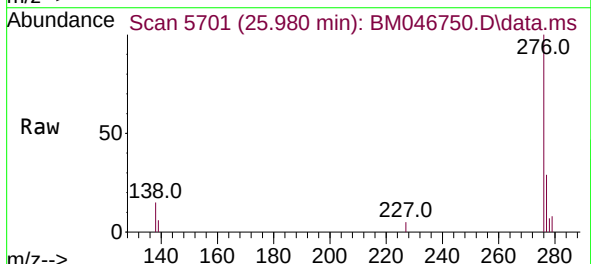
Tgt Ion:278 Resp: 5585
Ion Ratio Lower Upper
278 100
139 11.4 9.1 13.7
279 28.3 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.543 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM046750.D
Acq: 22 Jul 2024 14:08



Tgt Ion:276 Resp: 27013
Ion Ratio Lower Upper
276 100
138 14.7 10.2 15.4
277 28.6 20.9 31.3

