

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046658.D
 Acq On : 17 Jul 2024 07:08
 Operator : MA/JU
 Sample : P3100-08
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW6

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 07:38:39 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	2696	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.253	136	7430	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	5034	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188	11512	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	9163	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	10058	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	6184	2.792	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.853	152	2559	0.214	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	6429	0.231	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.303	128	3870	0.205	ng/ul	99
7) 2-Methylnaphthalene	11.930	142	2040	0.154	ng/ul	99
8) 1-Methylnaphthalene	12.150	142	1660	0.123	ng/ul	98
10) Acenaphthylene	13.858	152	8073	0.352	ng/ul	99
11) Acenaphthene	14.205	153	8938	0.582	ng/ul	96
12) Fluorene	15.199	166	21115	1.111	ng/ul	98
14) Pentachlorophenol	16.553	266	272	0.047	ng/ul	95
15) Phenanthrene	16.933	178	351223	10.691	ng/ul	98
16) Anthracene	17.026	178	86379	2.694	ng/ul	98
19) Fluoranthene	18.964	202	616116	16.370	ng/ul	99
20) Pyrene	19.326	202	461869	11.334	ng/ul	99
21) Benzo(a)anthracene	21.085	228	276782	6.828	ng/ul	100
22) Chrysene	21.137	228	224277	5.718	ng/ul	98
24) Benzo(b)fluoranthene	22.607	252	264652m	6.588	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	100117m	2.538	ng/ul	
26) Benzo(a)pyrene	23.148	252	188591m	5.704	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.353	276	114147	2.269	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.360	278	31037	0.779	ng/ul	97
29) Benzo(g,h,i)perylene	25.997	276	99338	2.474	ng/ul	96

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

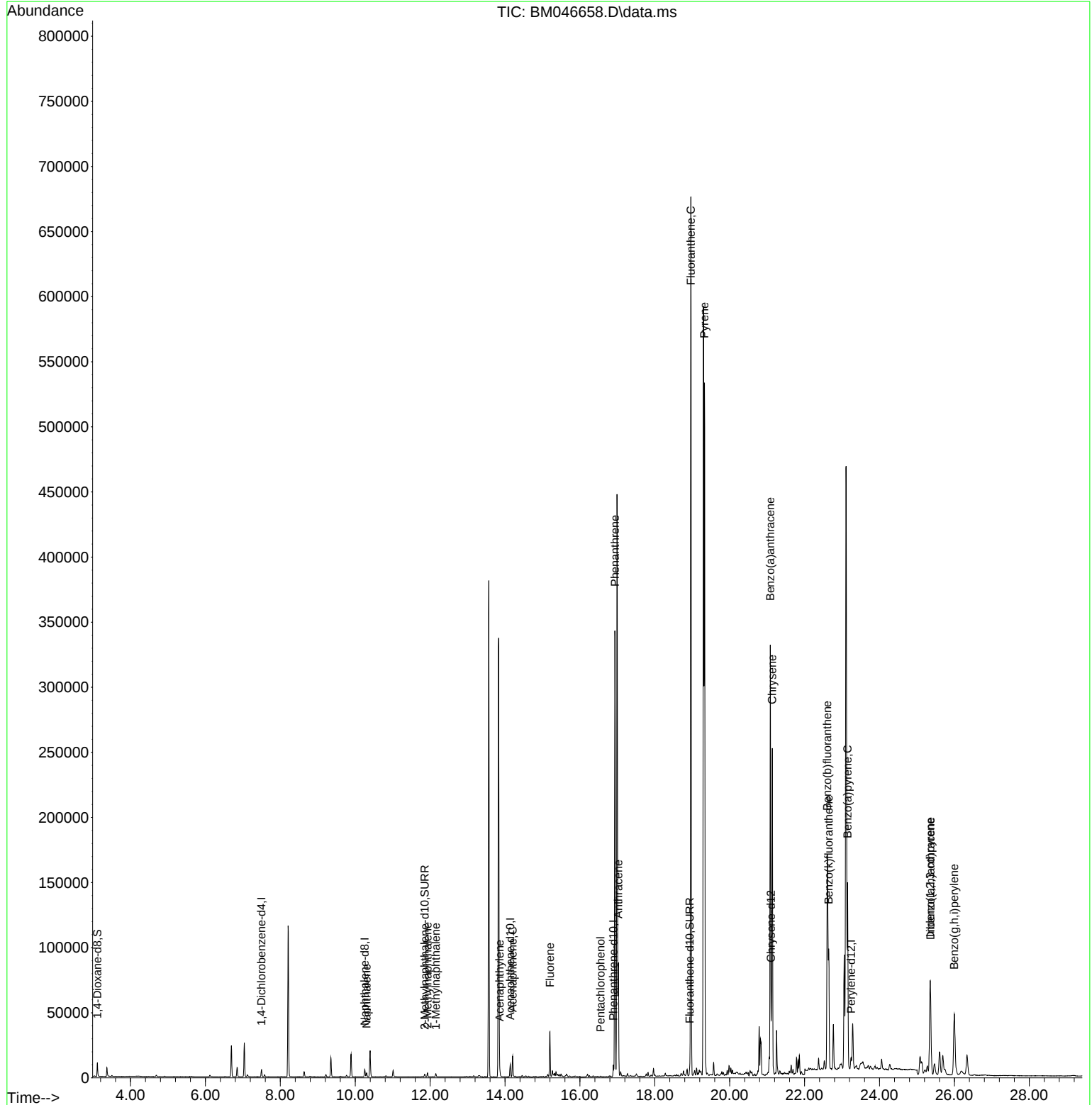
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046658.D
Acq On : 17 Jul 2024 07:08
Operator : MA/JU
Sample : P3100-08
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ALS Vial : 71 Sample Multiplier: 1

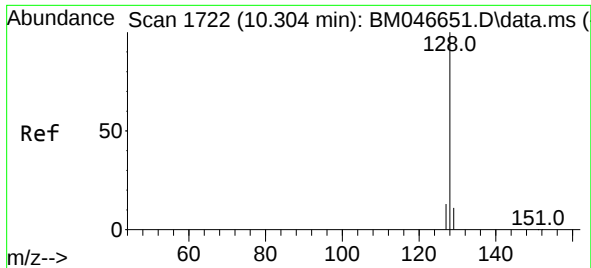
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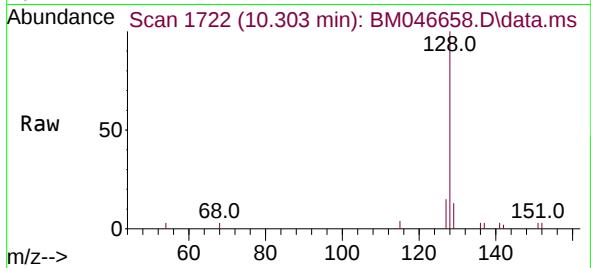
Quant Time: Jul 17 07:38:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

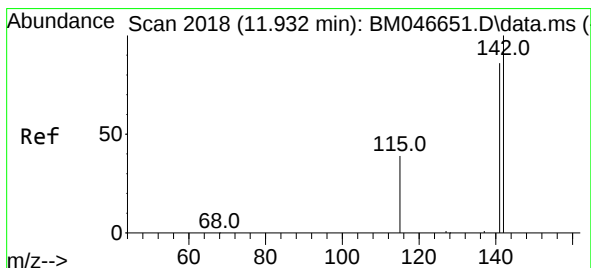
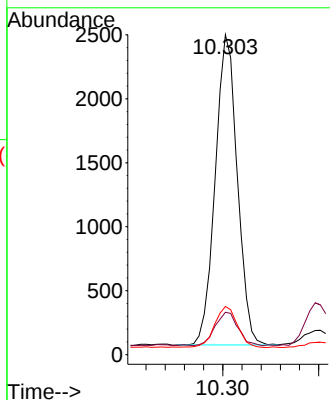
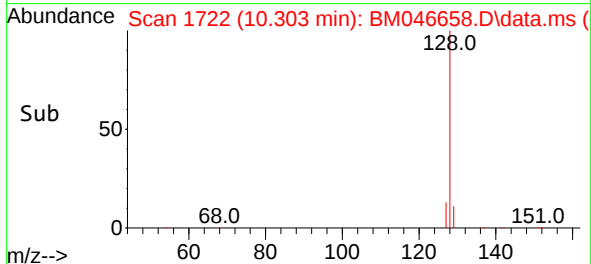
Instrument :
BNA_M
ClientSampleId :
A4BW6



Tgt Ion:128 Resp: 3870
Ion Ratio Lower Upper
128 100
129 13.3 10.3 15.5
127 15.0 12.2 18.4

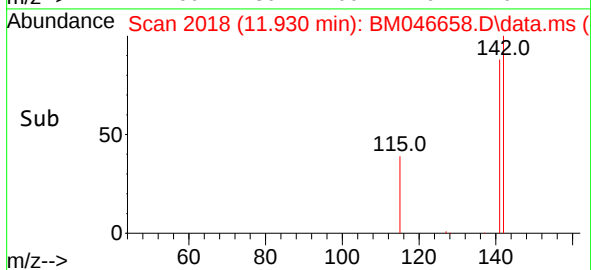
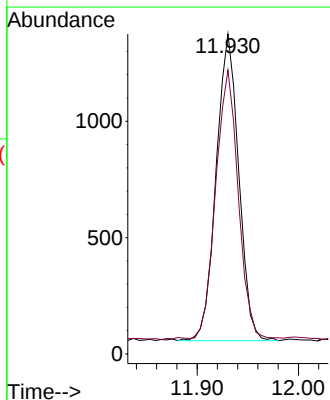
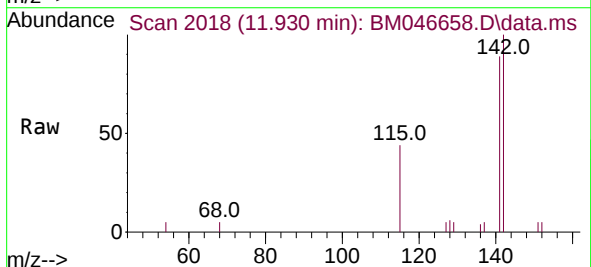
Manual Integrations
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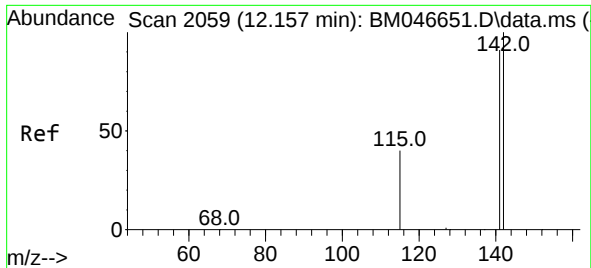
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 11.930 min Scan# 2018
Delta R.T. -0.013 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

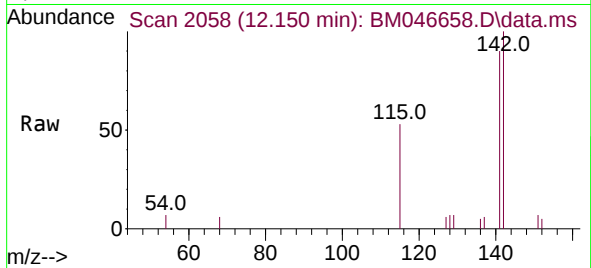
Tgt Ion:142 Resp: 2040
Ion Ratio Lower Upper
142 100
141 86.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.150 min Scan# 2058
Delta R.T. -0.013 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

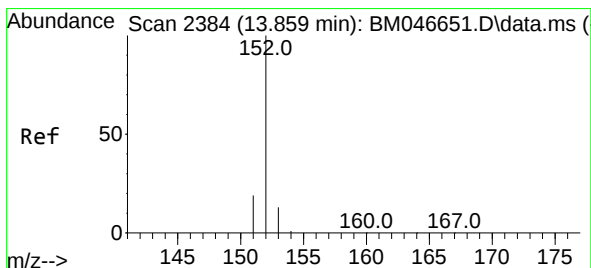
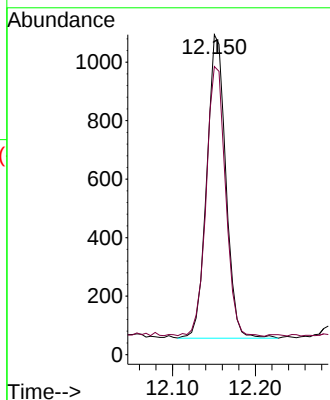
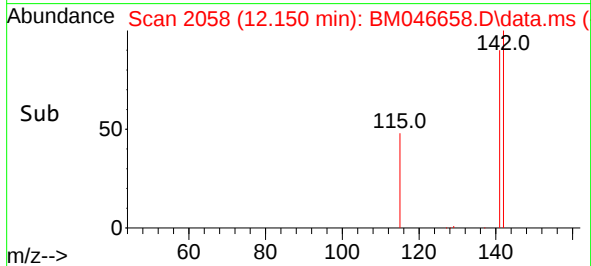
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1660
Ion Ratio Lower Upper
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141 90.6 73.9 110.9

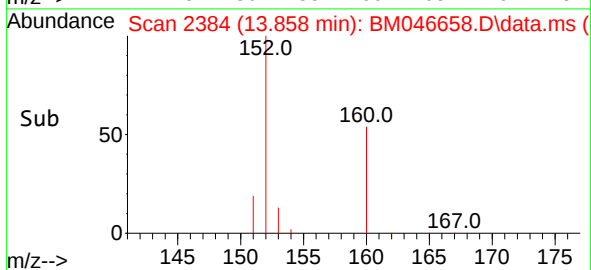
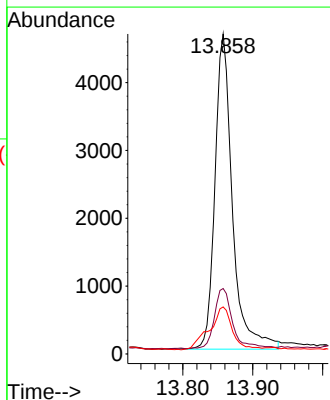
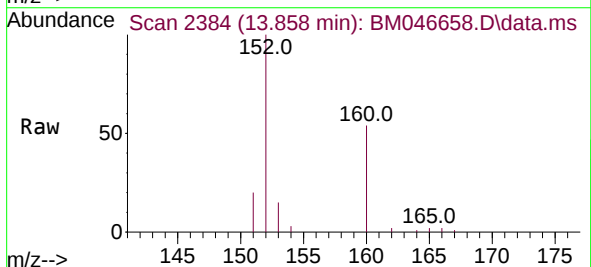
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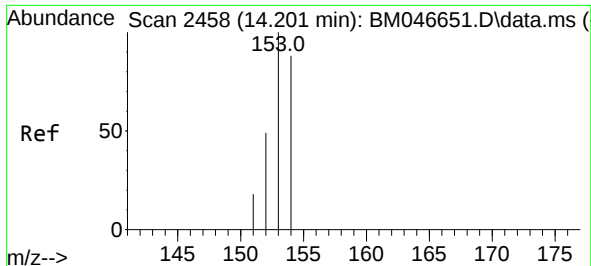
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 13.858 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

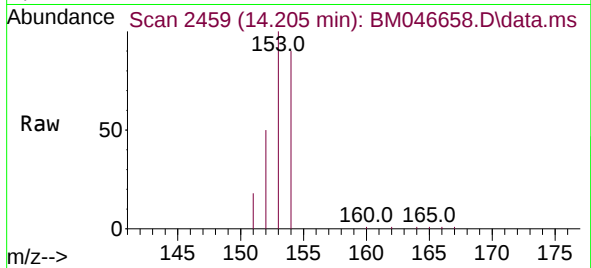
Tgt Ion:152 Resp: 8073
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.7 12.4 18.6





#11
Acenaphthene
Concen: 0.582 ng/ul
RT: 14.205 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

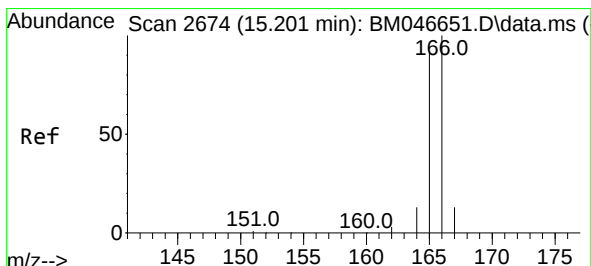
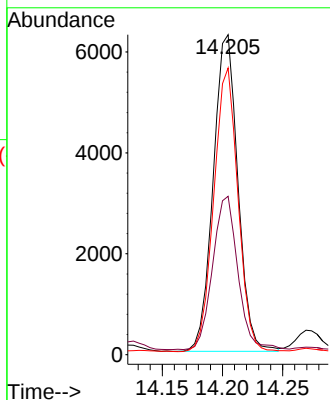
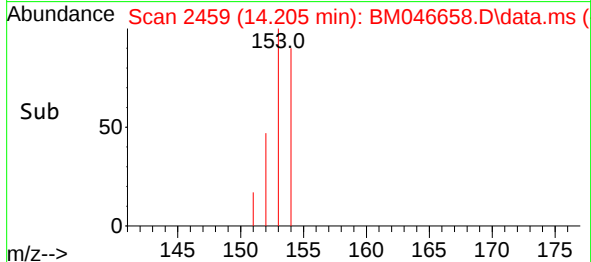
Instrument :
BNA_M
ClientSampleId :
A4BW6



Tgt Ion:153 Resp: 8938
Ion Ratio Lower Upper
153 100
152 49.5 43.0 64.6
154 89.6 69.9 104.9

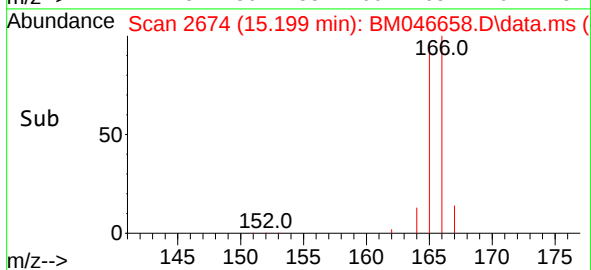
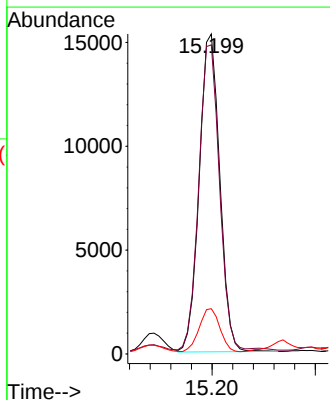
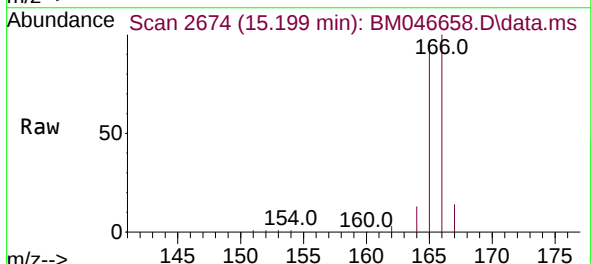
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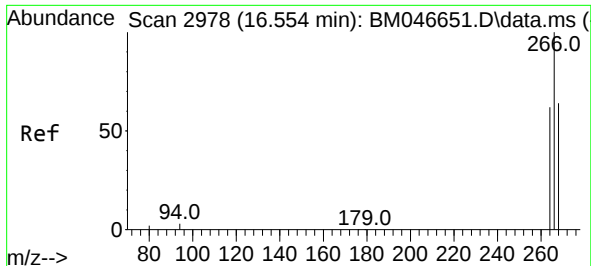
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 1.111 ng/ul
RT: 15.199 min Scan# 2674
Delta R.T. -0.006 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

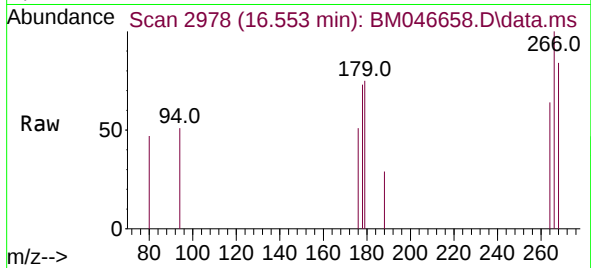
Tgt Ion:166 Resp: 21115
Ion Ratio Lower Upper
166 100
165 96.6 76.1 114.1
167 14.1 12.5 18.7





#14
Pentachlorophenol
Concen: 0.047 ng/ul
RT: 16.553 min Scan# 2978
Delta R.T. -0.002 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

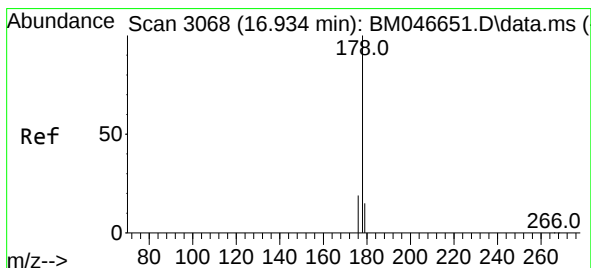
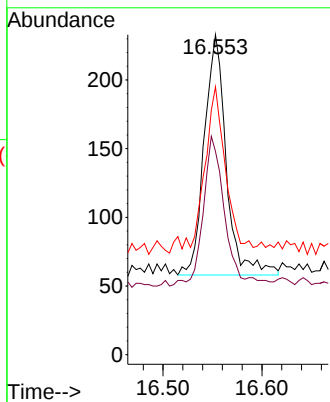
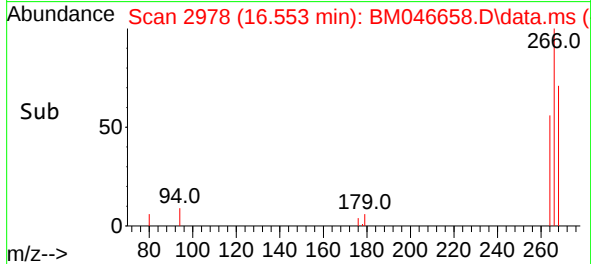
Instrument :
BNA_M
ClientSampleId :
A4BW6



Tgt Ion:266 Resp: 272
Ion Ratio Lower Upper
266 100
264 60.7 50.1 75.1
268 59.9 52.5 78.7

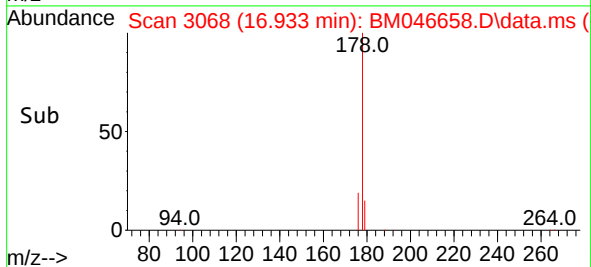
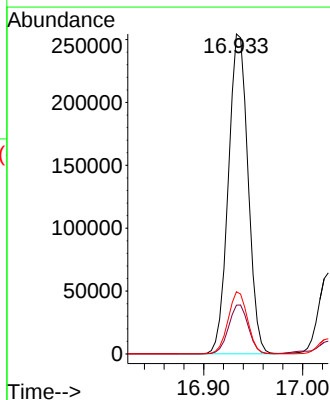
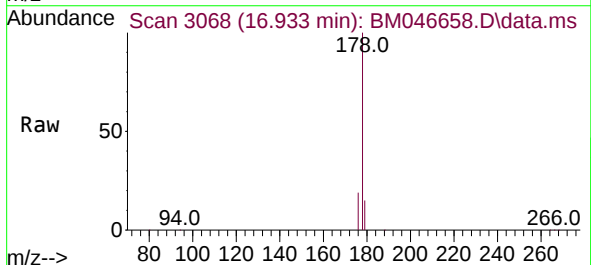
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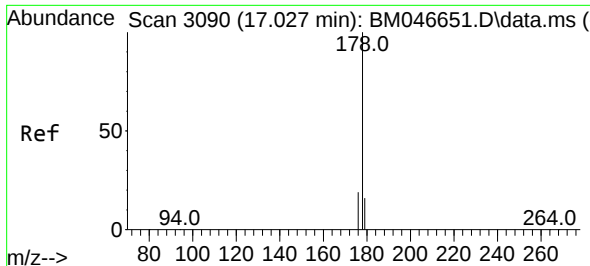
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 10.691 ng/ul
RT: 16.933 min Scan# 3068
Delta R.T. -0.010 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

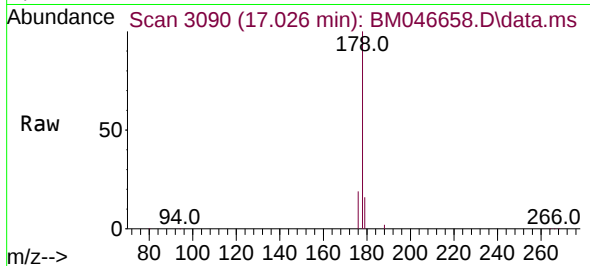
Tgt Ion:178 Resp: 351223
Ion Ratio Lower Upper
178 100
179 15.2 13.1 19.7
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 2.694 ng/ul
 RT: 17.026 min Scan# 3090
 Delta R.T. -0.006 min
 Lab File: BM046658.D
 Acq: 17 Jul 2024 07:08

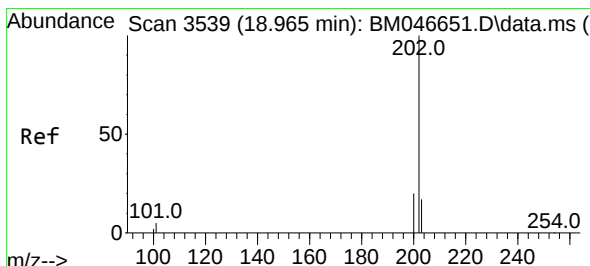
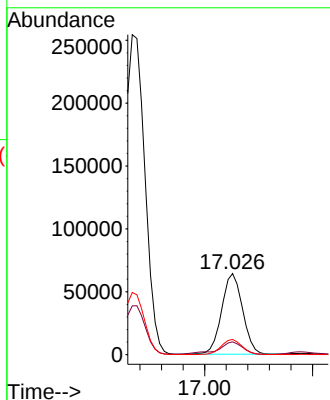
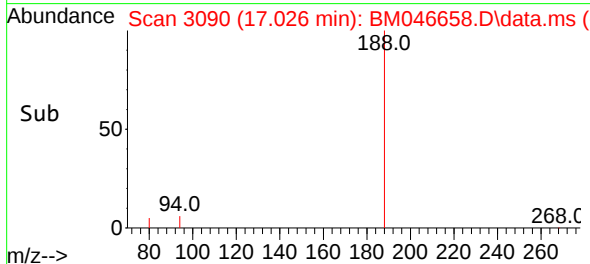
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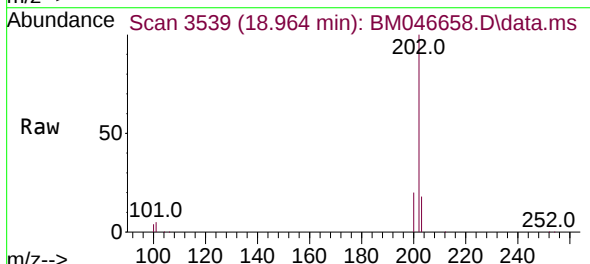
Tgt Ion:178 Resp: 86379
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.5 20.3
 176 18.7 15.7 23.5

Manual Integrations
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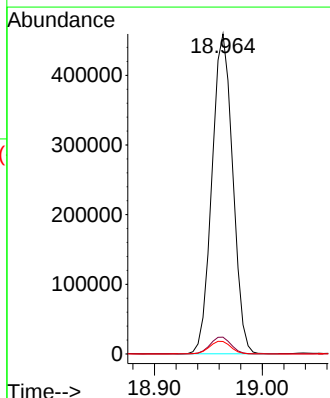
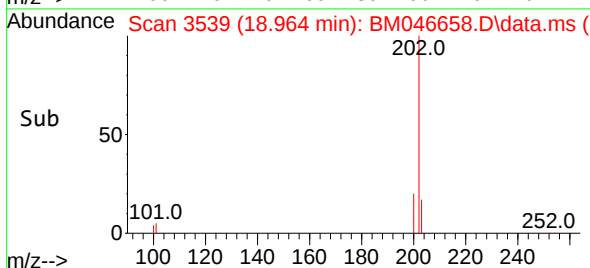
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 Supervised By :mohammad ahmed 07/18/2024

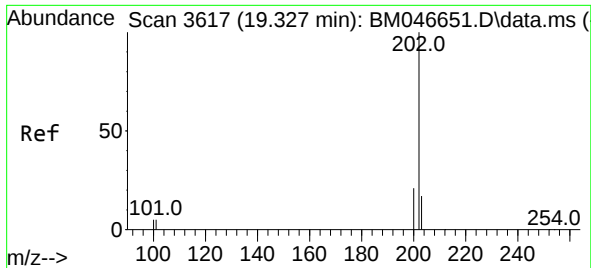


#19
 Fluoranthene
 Concen: 16.370 ng/ul
 RT: 18.964 min Scan# 3539
 Delta R.T. -0.006 min
 Lab File: BM046658.D
 Acq: 17 Jul 2024 07:08



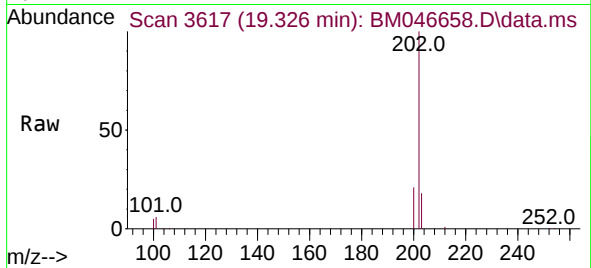
Tgt Ion:202 Resp: 616116
 Ion Ratio Lower Upper
 202 100
 101 5.2 4.6 6.8
 100 3.9 3.0 4.6





#20
 Pyrene
 Concen: 11.334 ng/ul
 RT: 19.326 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM046658.D
 Acq: 17 Jul 2024 07:08

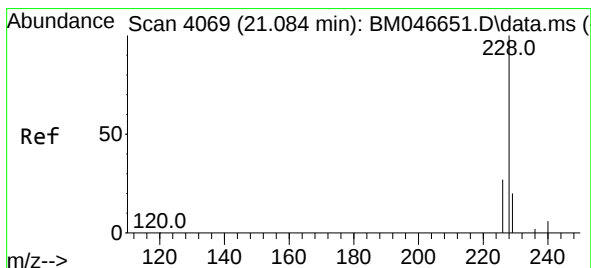
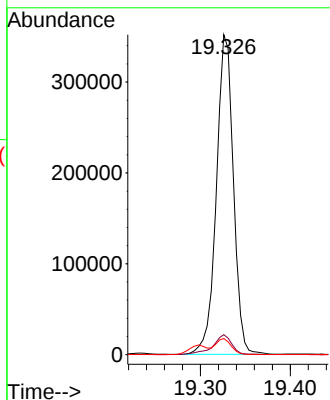
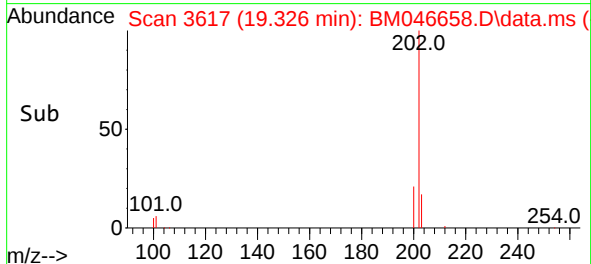
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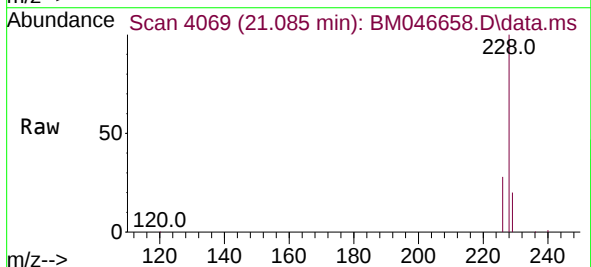
Tgt Ion:202 Resp: 461869
 Ion Ratio Lower Upper
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 101 6.3 5.1 7.7
 100 5.1 3.8 5.6

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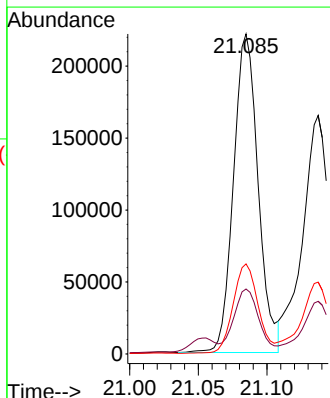
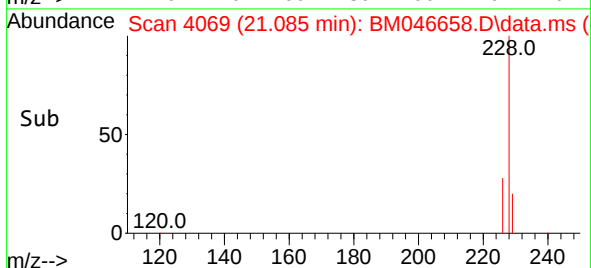
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

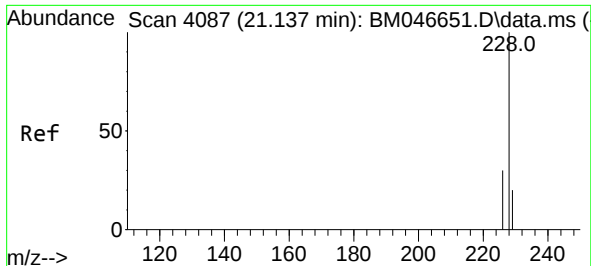


#21
 Benzo(a)anthracene
 Concen: 6.828 ng/ul
 RT: 21.085 min Scan# 4069
 Delta R.T. -0.003 min
 Lab File: BM046658.D
 Acq: 17 Jul 2024 07:08



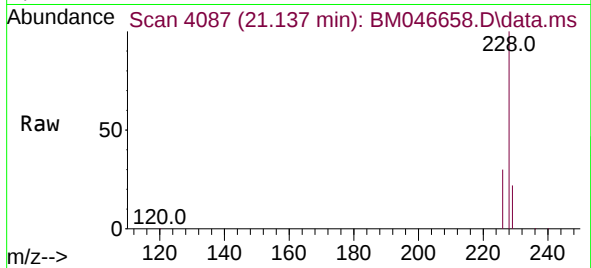
Tgt Ion:228 Resp: 276782
 Ion Ratio Lower Upper
 228 100
 229 20.3 16.5 24.7
 226 28.1 22.5 33.7





#22
Chrysene
Concen: 5.718 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

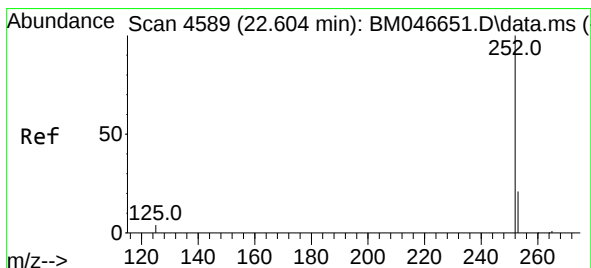
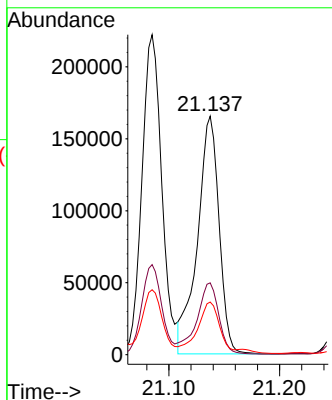
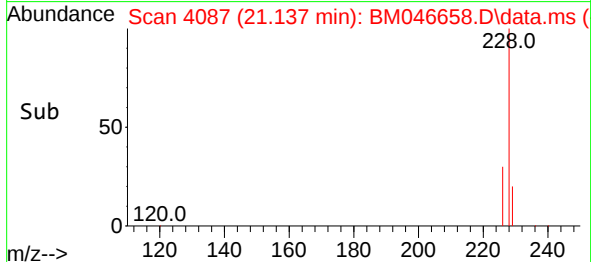
Instrument :
BNA_M
ClientSampleId :
A4BW6



Tgt Ion:228 Resp: 22427
Ion Ratio Lower Upper
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226 30.1 24.3 36.5
229 22.0 16.4 24.6

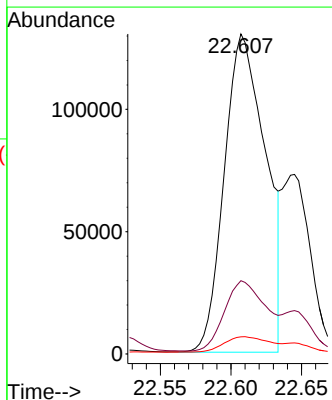
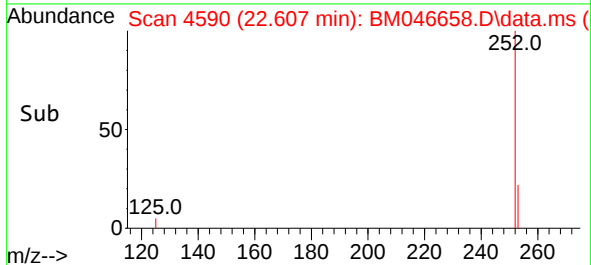
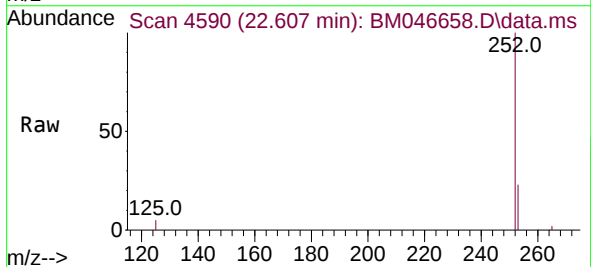
Manual Integrations
APPROVED

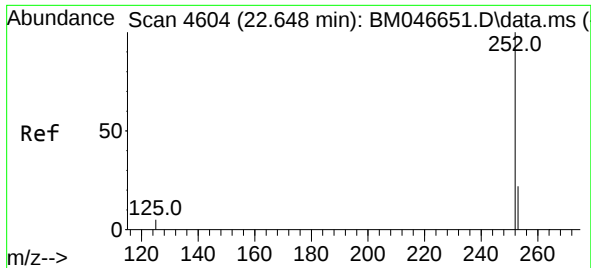
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 6.588 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

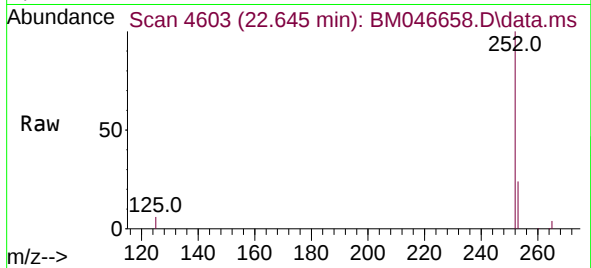
Tgt Ion:252 Resp: 264652
Ion Ratio Lower Upper
252 100
253 22.9 0.0 56.2
125 5.4 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 2.538 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

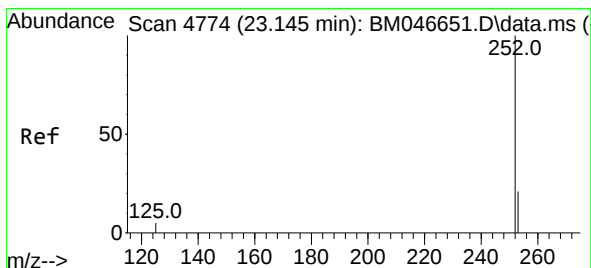
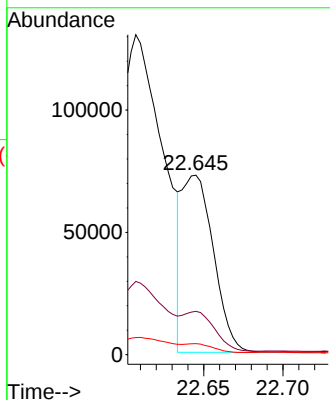
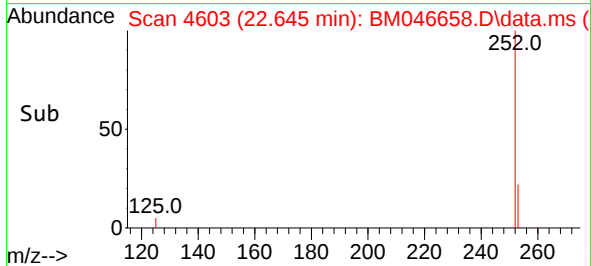
Instrument :
BNA_M
ClientSampleId :
A4BW6



Tgt Ion:252 Resp: 100117
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 6.1 7.0 10.4

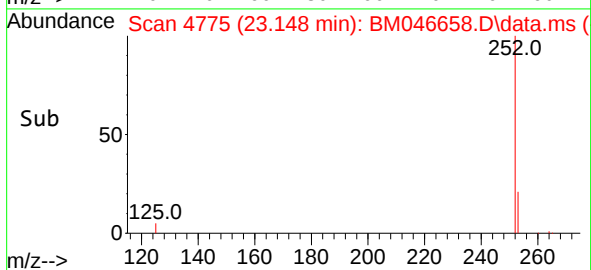
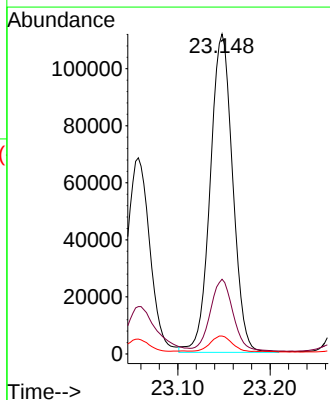
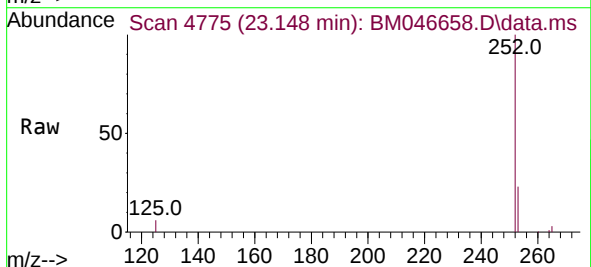
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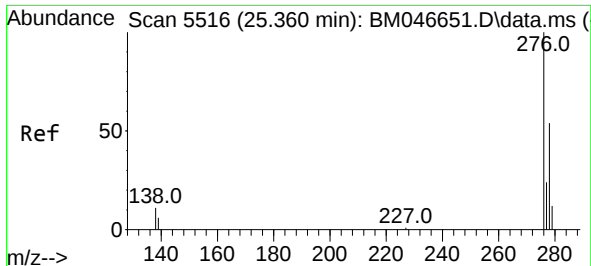
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 5.704 ng/ul m
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

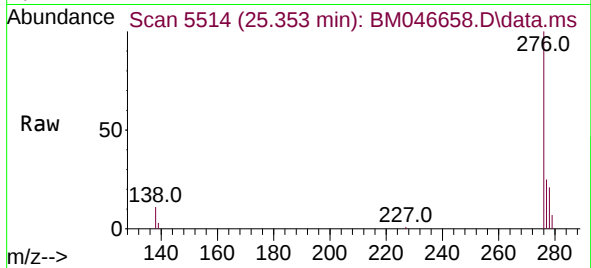
Tgt Ion:252 Resp: 188591
Ion Ratio Lower Upper
252 100
253 23.4 24.0 36.0#
125 5.6 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.269 ng/ul
RT: 25.353 min Scan# 5514
Delta R.T. -0.007 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

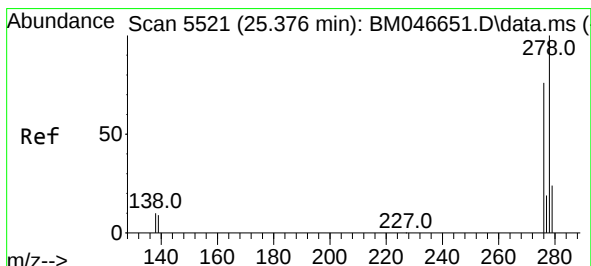
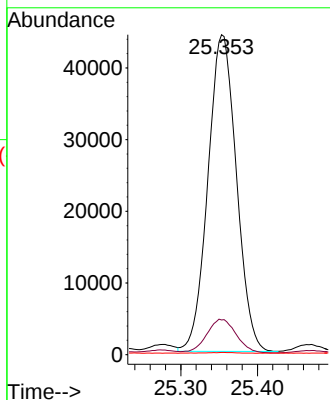
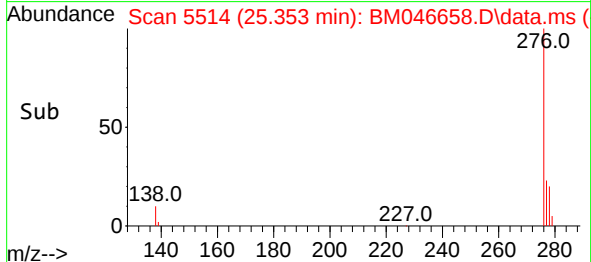
Instrument :
BNA_M
ClientSampleId :
A4BW6



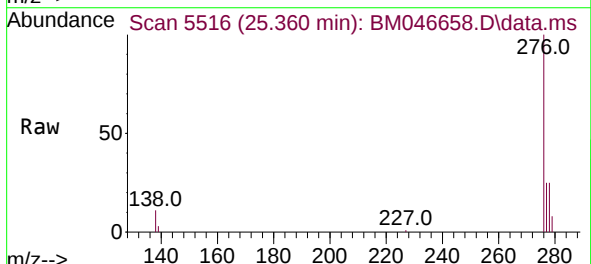
Tgt Ion:276 Resp: 11414
Ion Ratio Lower Upper
276 100
138 11.0 0.0 0.0
227 0.2 0.2 0.2

Manual Integrations
APPROVED

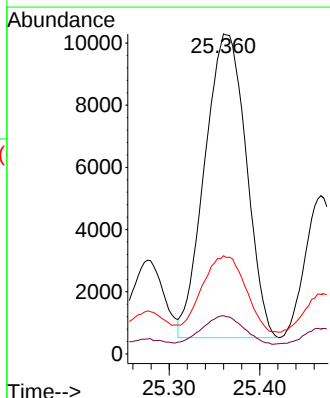
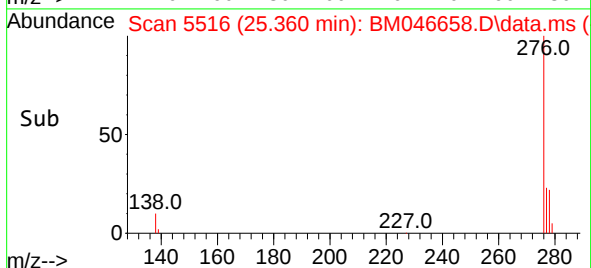
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

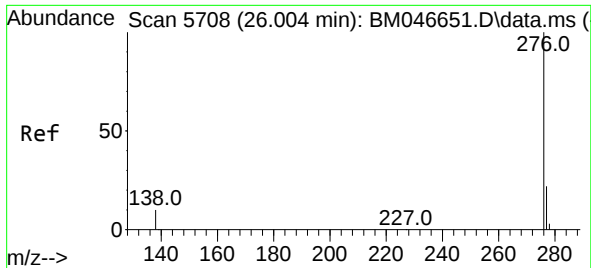


#28
Dibenzo(a,h)anthracene
Concen: 0.779 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. -0.024 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08



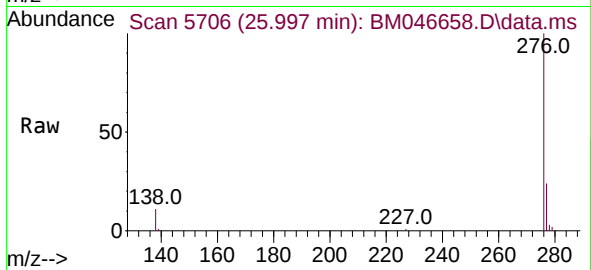
Tgt Ion:278 Resp: 31037
Ion Ratio Lower Upper
278 100
139 11.9 9.1 13.7
279 30.7 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 2.474 ng/ul
RT: 25.997 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046658.D
Acq: 17 Jul 2024 07:08

Instrument :
BNA_M
ClientSampleId :
A4BW6



Tgt Ion:276 Resp: 99338
Ion Ratio Lower Upper
276 100
138 11.2 10.2 15.4
277 24.3 20.9 31.3

Manual Integrations
APPROVED

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

