

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046610.D
 Acq On : 15 Jul 2024 23:46
 Operator : MA/JU
 Sample : P3087-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:26:02 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	7.506	152	2246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6056	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	4103	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	9176m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	7872	0.400	ng/ul	0.00
23) Perylene-d12	23.244	264	8358	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	6313	3.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2257	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	5373	0.224	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.309	128	997	0.065	ng/ul#	84
7) 2-Methylnaphthalene	11.937	142	345	0.032	ng/ul	93
8) 1-Methylnaphthalene	12.163	142	280	0.025	ng/ul	100
10) Acenaphthylene	13.864	152	2008	0.108	ng/ul	93
11) Acenaphthene	14.211	153	710	0.057	ng/ul	98
12) Fluorene	15.201	166	1032	0.067	ng/ul#	94
15) Phenanthrene	16.938	178	22448	0.857	ng/ul	99
16) Anthracene	17.031	178	4912	0.192	ng/ul	97
19) Fluoranthene	18.965	202	45377	1.403	ng/ul	99
20) Pyrene	19.332	202	40409	1.154	ng/ul	99
21) Benzo(a)anthracene	21.087	228	21116	0.606	ng/ul	96
22) Chrysene	21.140	228	22607	0.671	ng/ul	97
24) Benzo(b)fluoranthene	22.612	252	29448m	0.882	ng/ul	
25) Benzo(k)fluoranthene	22.650	252	10514m	0.321	ng/ul	
26) Benzo(a)pyrene	23.150	252	18894	0.688	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.359	276	14560	0.348	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	3522	0.106	ng/ul#	56
29) Benzo(g,h,i)perylene	26.003	276	14224	0.426	ng/ul	98

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

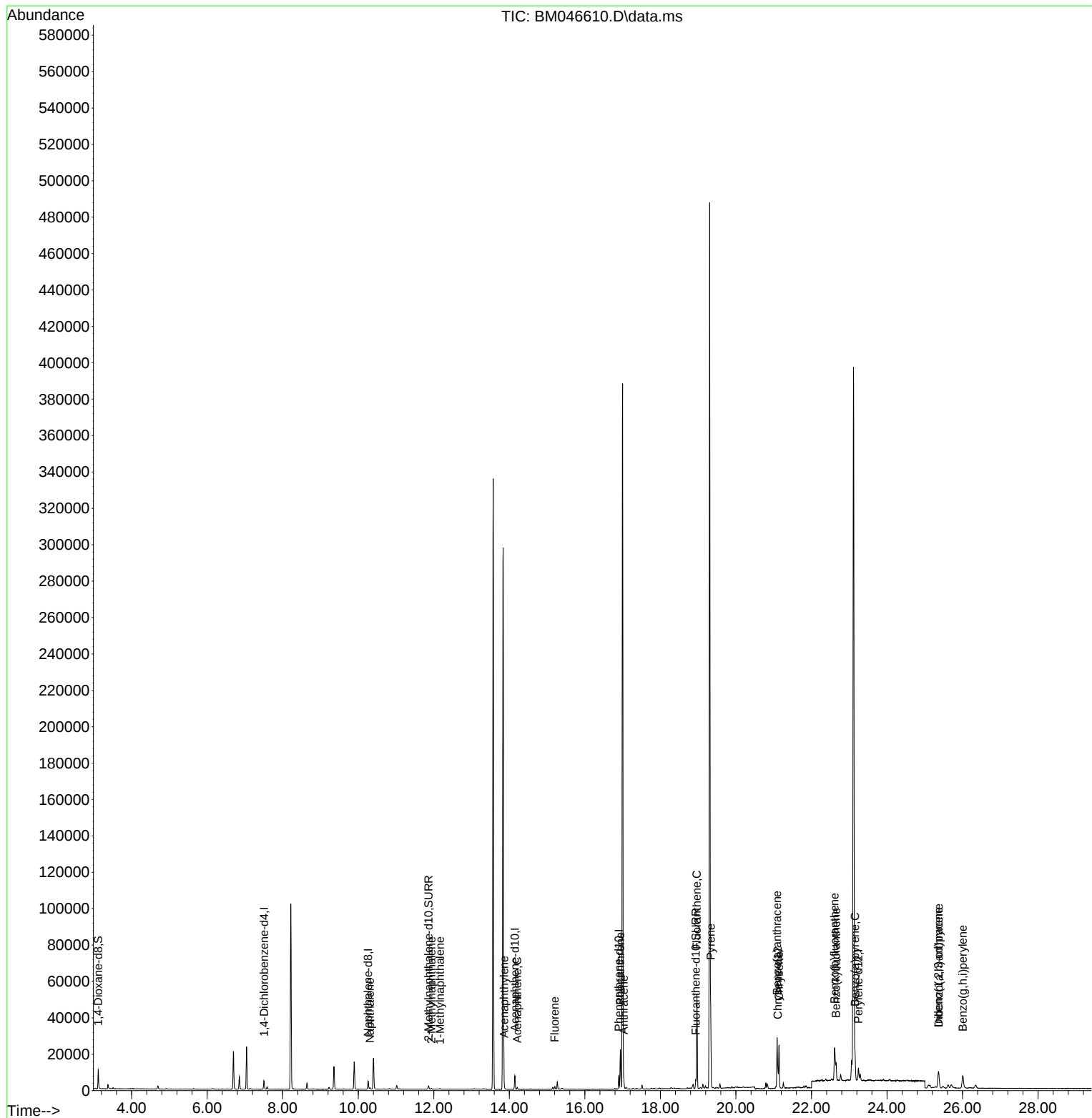
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046610.D
Acq On : 15 Jul 2024 23:46
Operator : MA/JU
Sample : P3087-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

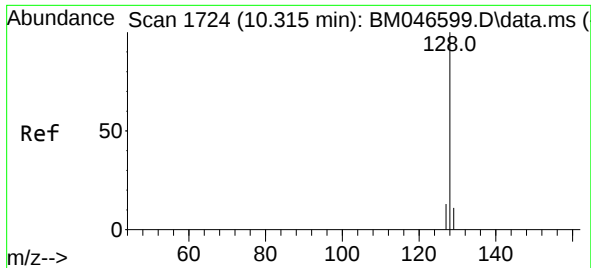
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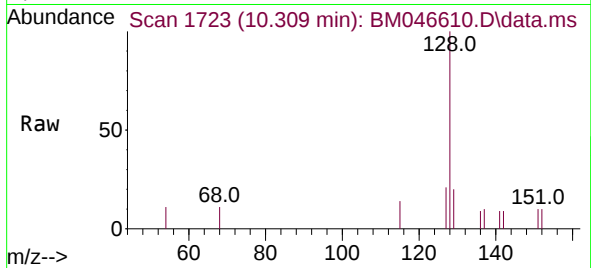
Quant Time: Jul 16 00:26:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.309 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

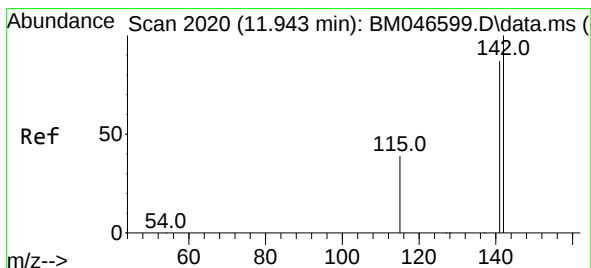
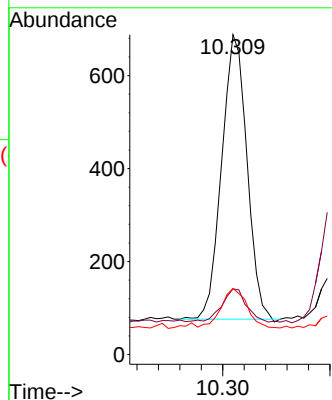
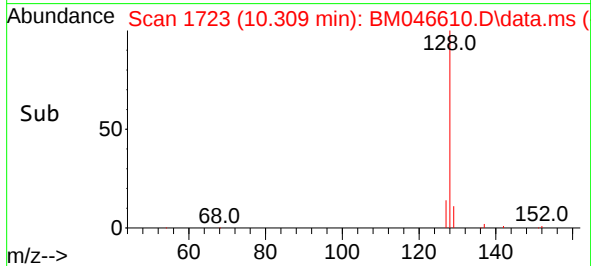
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:128 Resp: 997
Ion Ratio Lower Upper
128 100
129 20.5 10.3 15.5
127 20.6 12.2 18.4

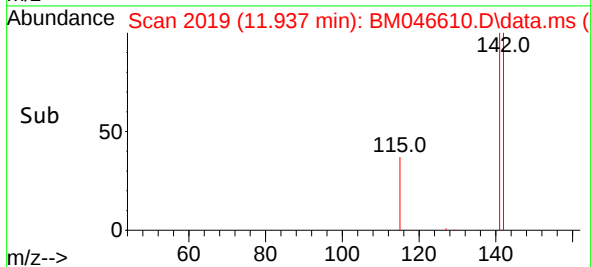
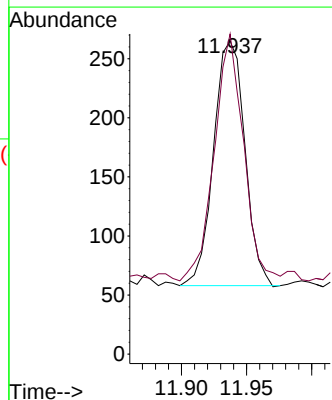
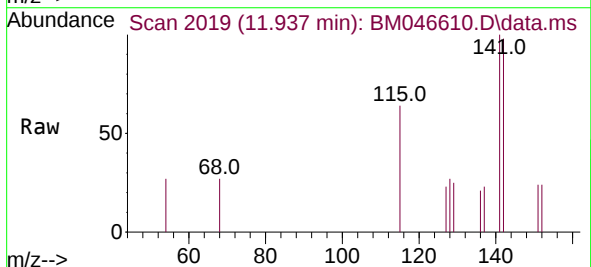
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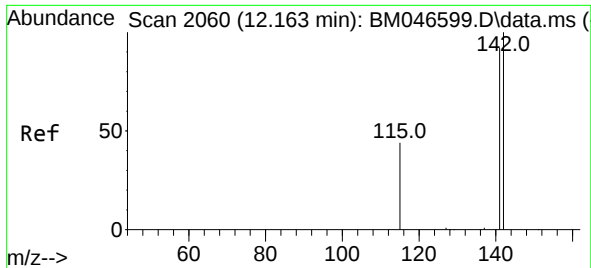
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

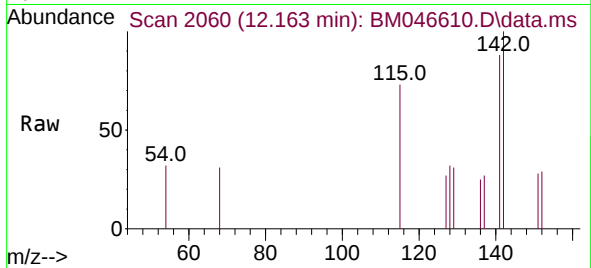
Tgt Ion:142 Resp: 345
Ion Ratio Lower Upper
142 100
141 94.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

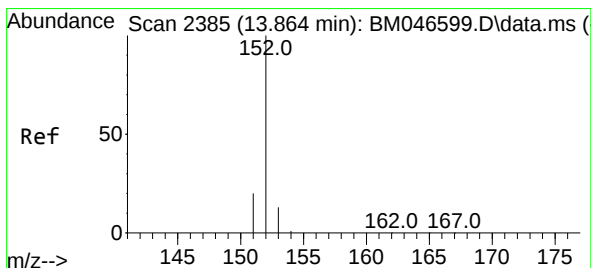
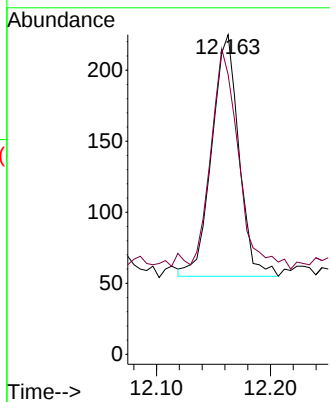
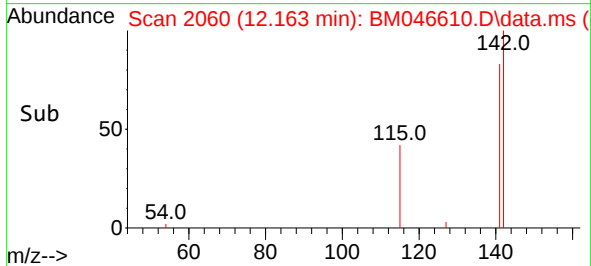
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 280
Ion Ratio Lower Upper
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141 92.5 73.9 110.9

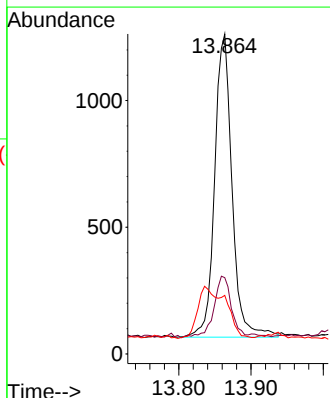
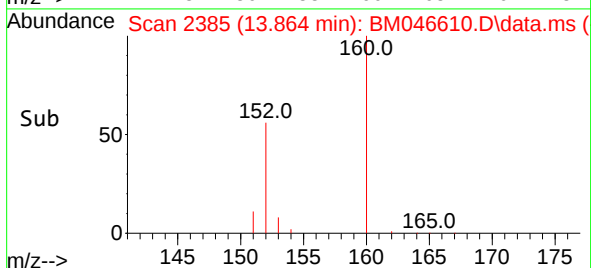
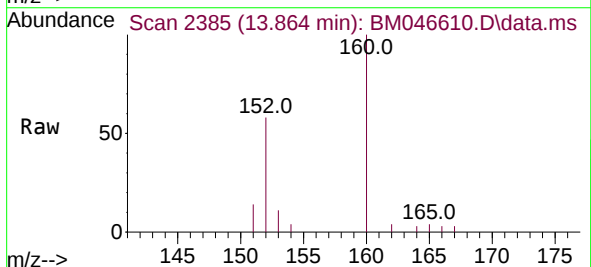
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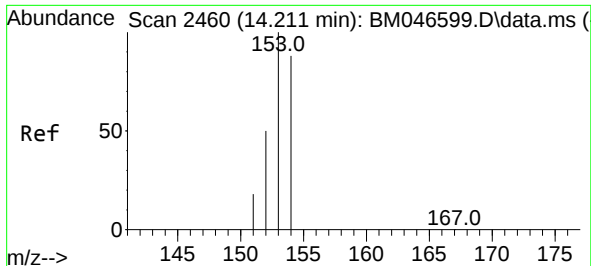
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.108 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

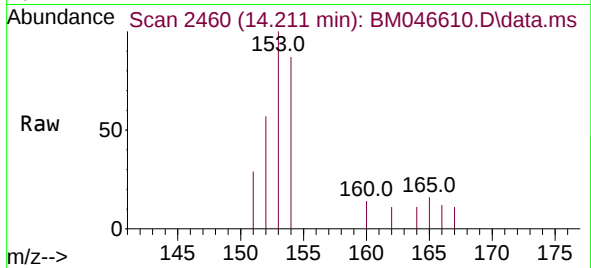
Tgt Ion:152 Resp: 2008
Ion Ratio Lower Upper
152 100
151 23.8 16.4 24.6
153 18.3 12.4 18.6





#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

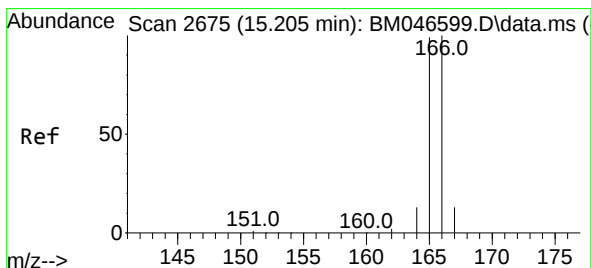
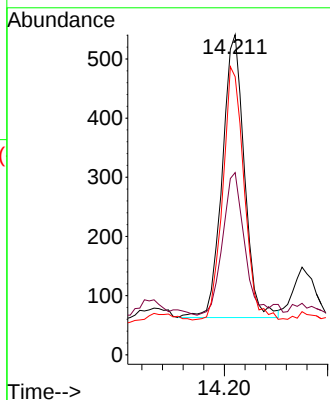
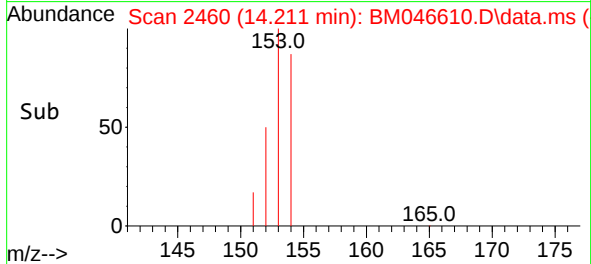
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:153 Resp: 710
Ion Ratio Lower Upper
153 100
152 56.9 43.0 64.6
154 86.9 69.9 104.9

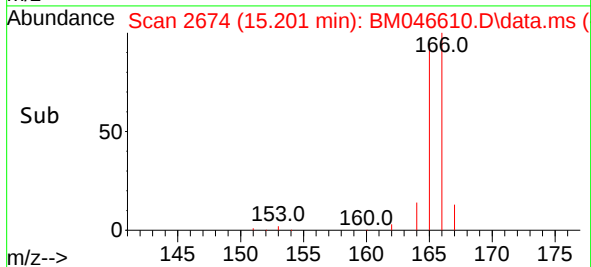
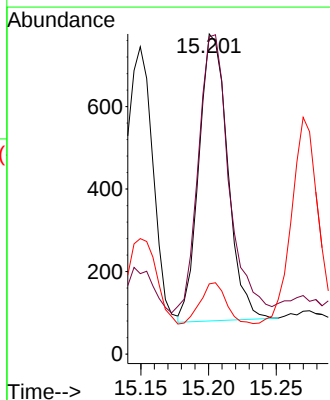
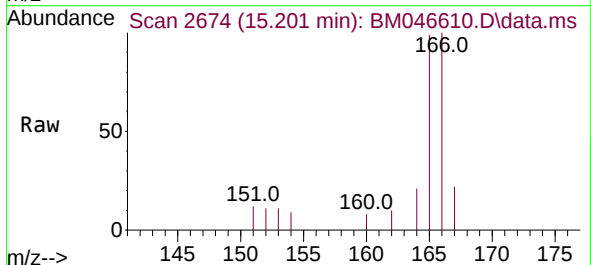
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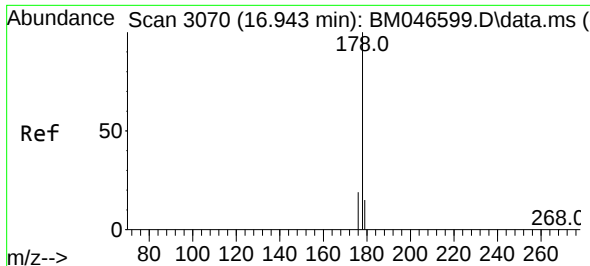
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

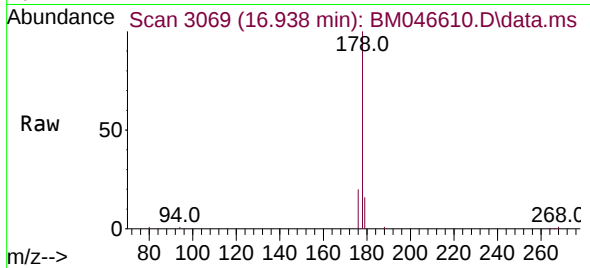
Tgt Ion:166 Resp: 1032
Ion Ratio Lower Upper
166 100
165 99.1 76.1 114.1
167 21.9 12.5 18.7#





#15
Phenanthrene
Concen: 0.857 ng/ul
RT: 16.938 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

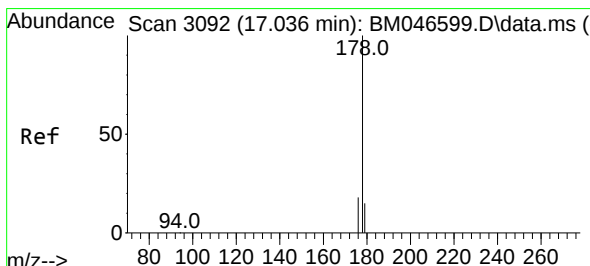
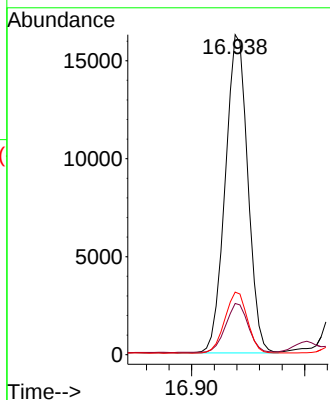
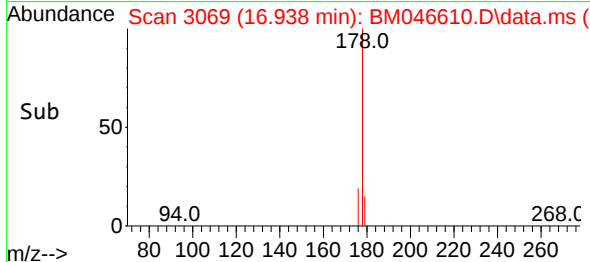
Instrument :
BNA_M
ClientSampleId :
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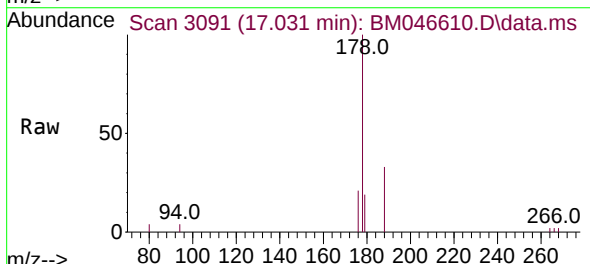
Tgt Ion:178 Resp: 22448
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.6 16.0 24.0

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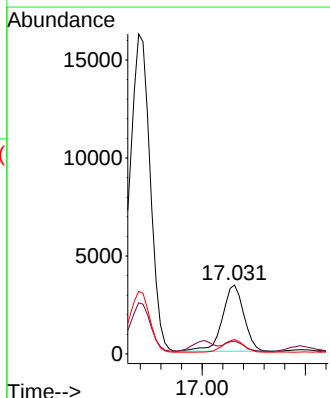
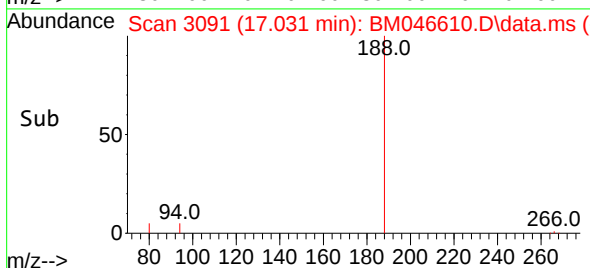
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

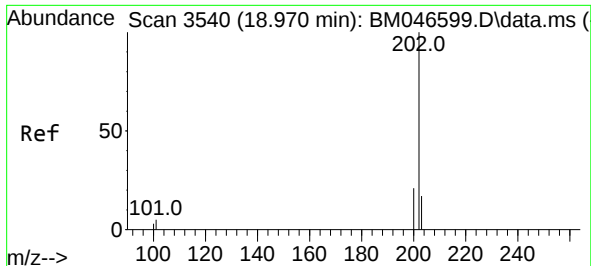


#16
Anthracene
Concen: 0.192 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46



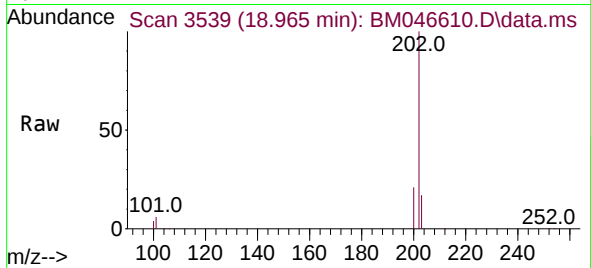
Tgt Ion:178 Resp: 4912
Ion Ratio Lower Upper
178 100
179 18.6 13.5 20.3
176 20.9 15.7 23.5





#19
Fluoranthene
Concen: 1.403 ng/ul
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

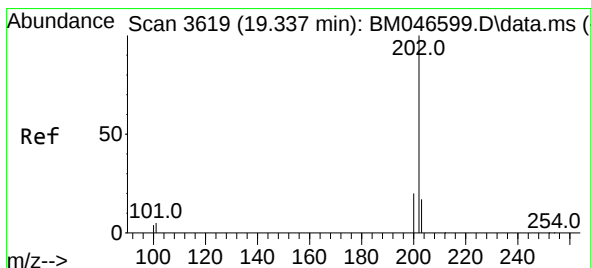
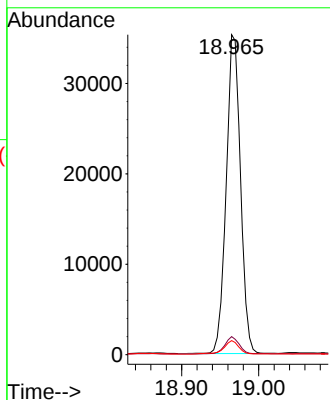
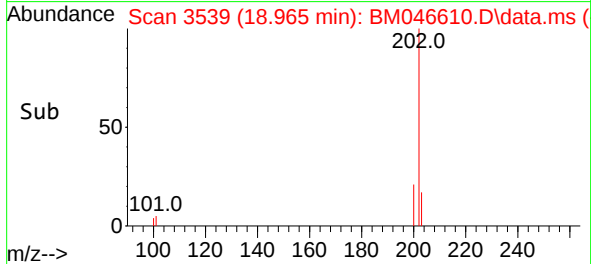
Instrument :
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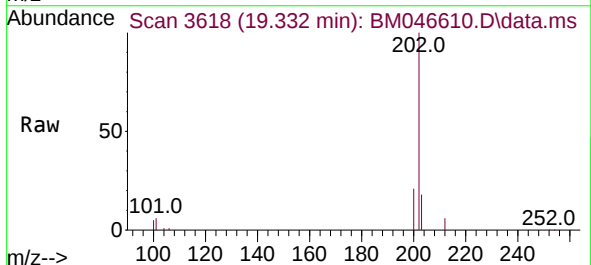
Tgt Ion:202 Resp: 4537
Ion Ratio Lower Upper
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101 5.7 4.6 6.8
100 4.4 3.0 4.6

Manual Integrations
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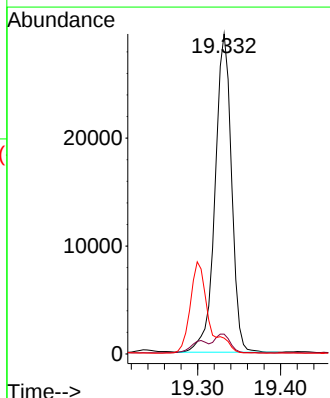
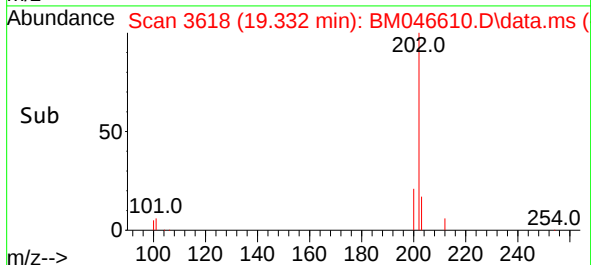
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

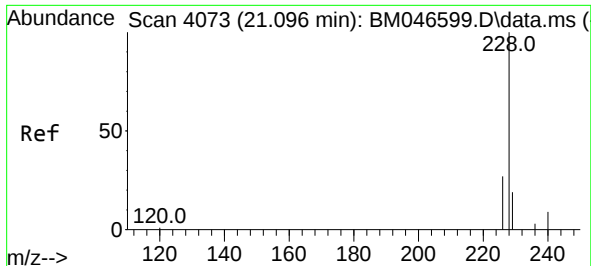


#20
Pyrene
Concen: 1.154 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46



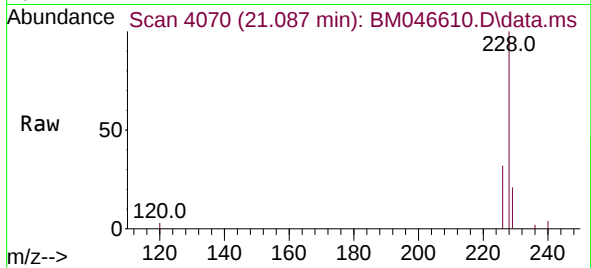
Tgt Ion:202 Resp: 40409
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 5.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.606 ng/ul
RT: 21.087 min Scan# 4073
Delta R.T. -0.000 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

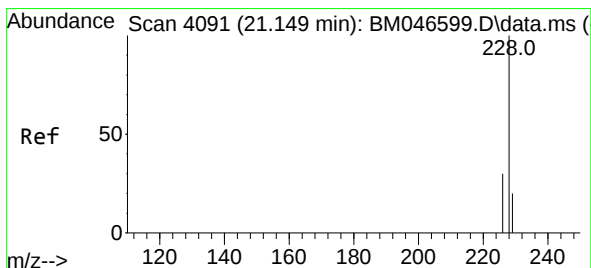
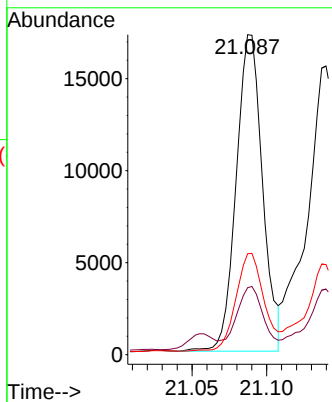
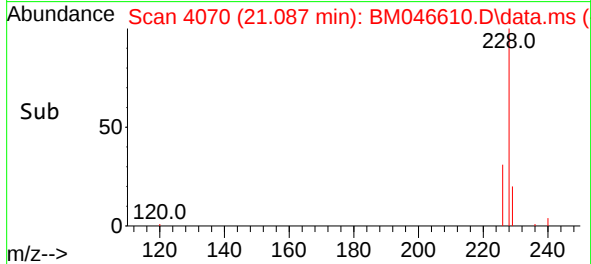
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:228 Resp: 21110
Ion Ratio Lower Upper
228 100
229 20.9 16.5 24.7
226 31.5 22.5 33.7

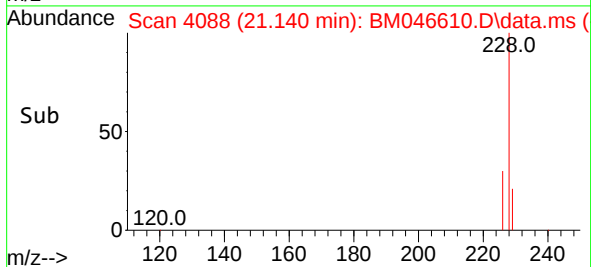
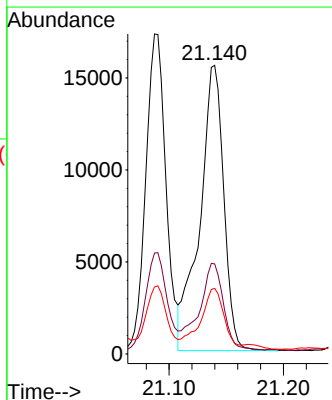
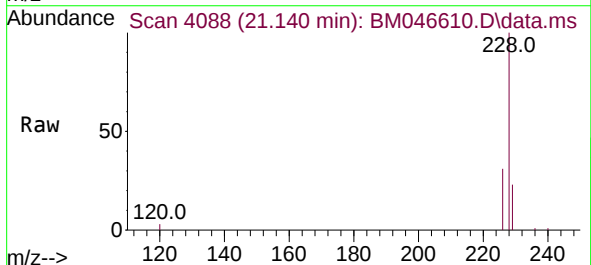
Manual Integrations
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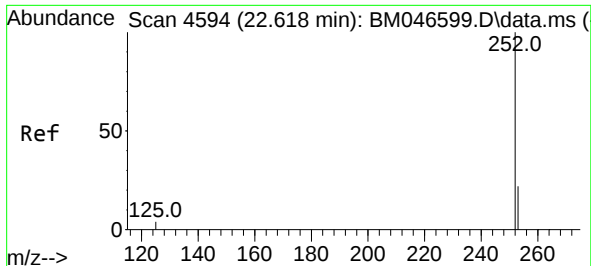
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.671 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

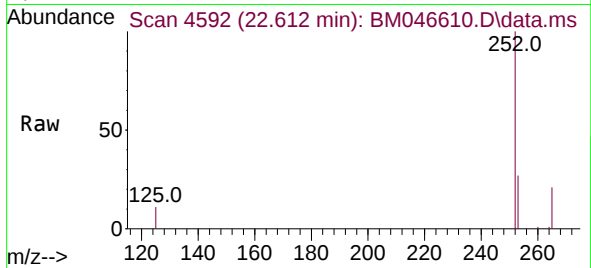
Tgt Ion:228 Resp: 22607
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.882 ng/ul m
RT: 22.612 min Scan# 4592
Delta R.T. 0.002 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

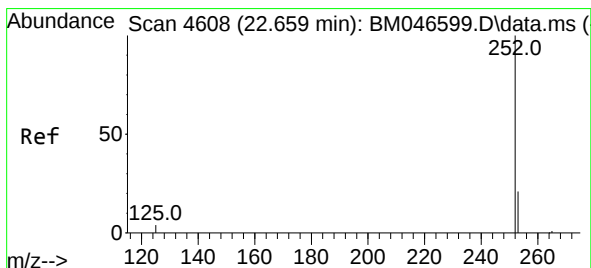
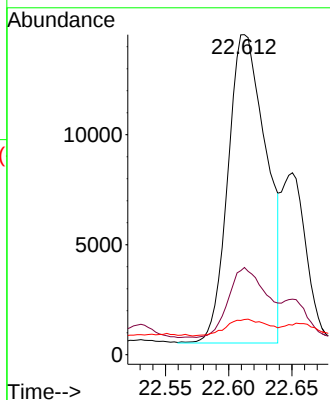
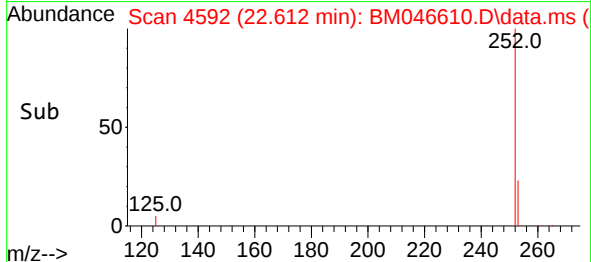
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:252 Resp: 2944
Ion Ratio Lower Upper
252 100
253 27.2 0.0 56.2
125 11.0 0.0 17.8

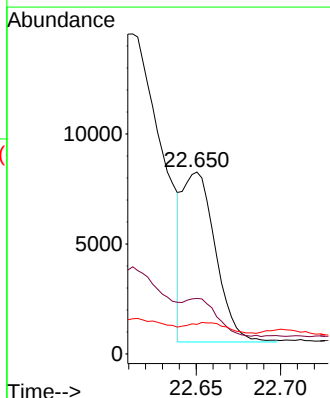
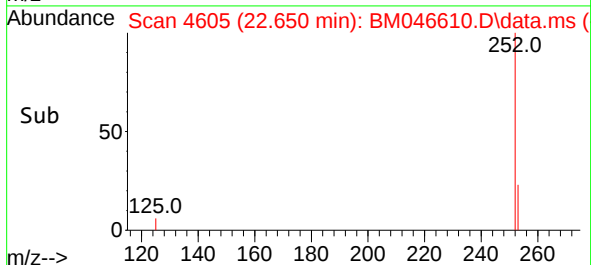
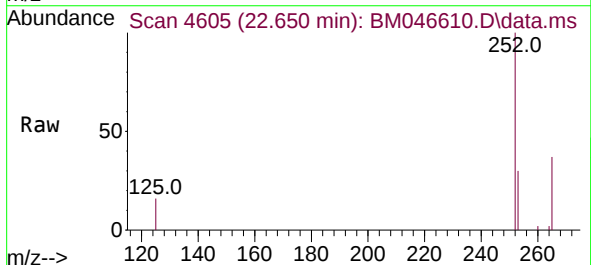
Manual Integrations
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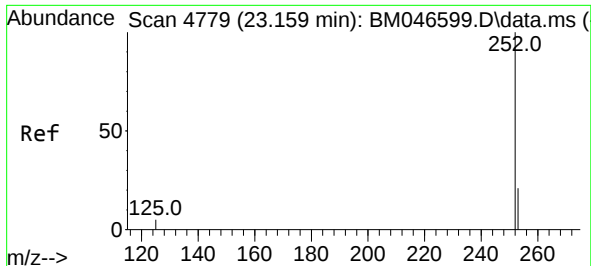
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul m
RT: 22.650 min Scan# 4605
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

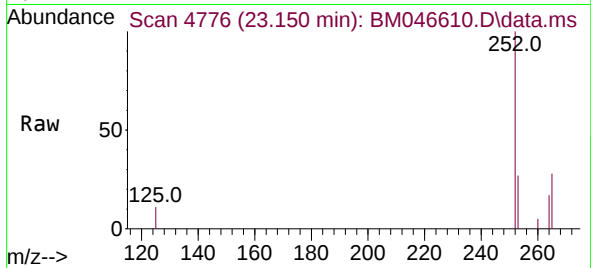
Tgt Ion:252 Resp: 10514
Ion Ratio Lower Upper
252 100
253 30.5 22.4 33.6
125 16.2 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.688 ng/ul
RT: 23.150 min Scan# 4776
Delta R.T. -0.000 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

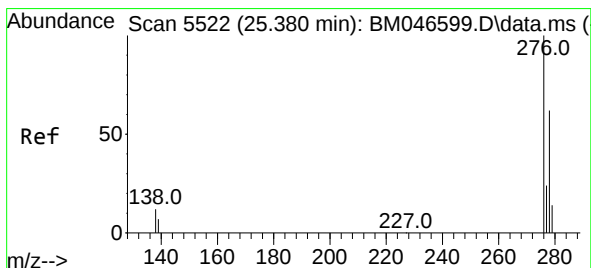
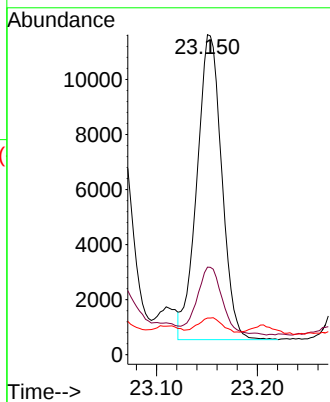
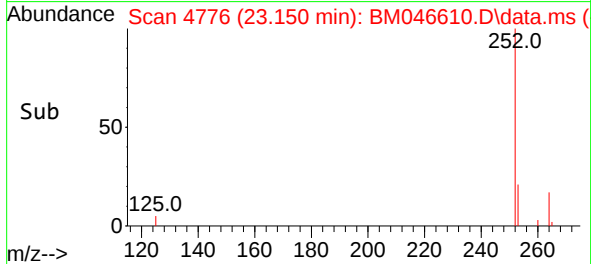
Instrument :
BNA_M
ClientSampleId :
A4BR5



Tgt Ion:252 Resp: 18894
Ion Ratio Lower Upper
252 100
253 27.4 24.0 36.0
125 11.5 8.2 12.2

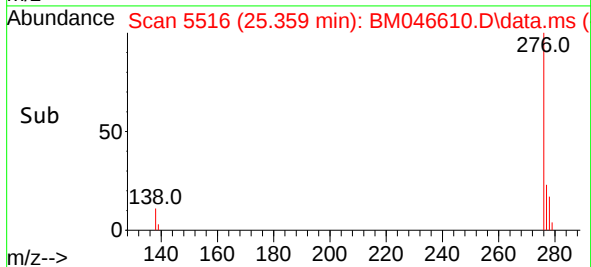
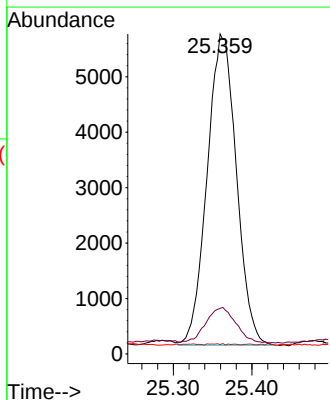
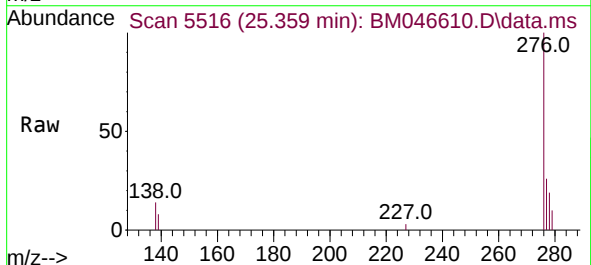
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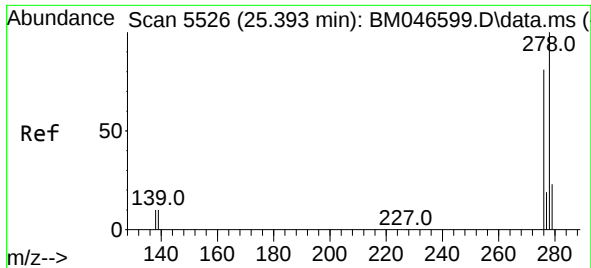
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 25.359 min Scan# 5516
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

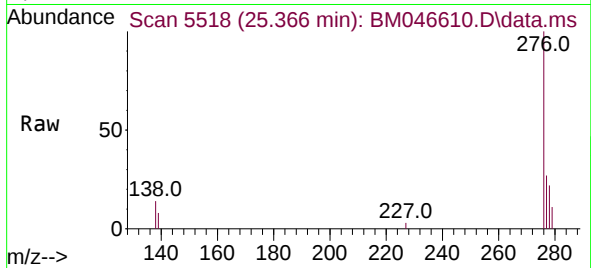
Tgt Ion:276 Resp: 14560
Ion Ratio Lower Upper
276 100
138 11.8 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.366 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46

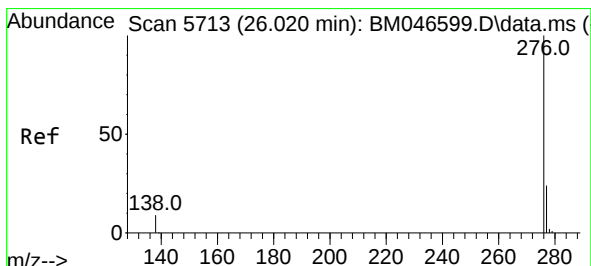
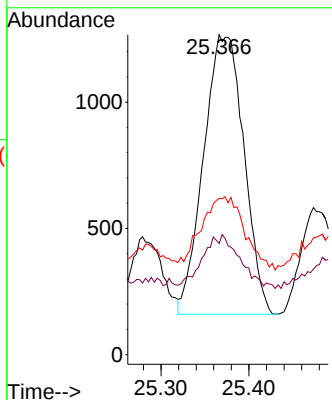
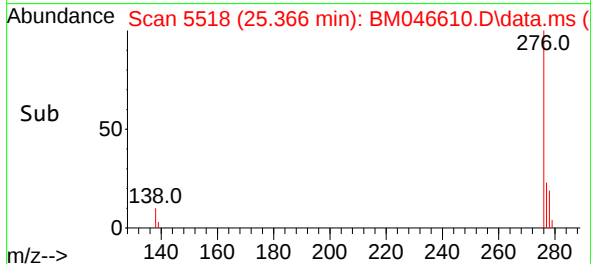
Instrument :
BNA_M
ClientSampleId :
A4BR5



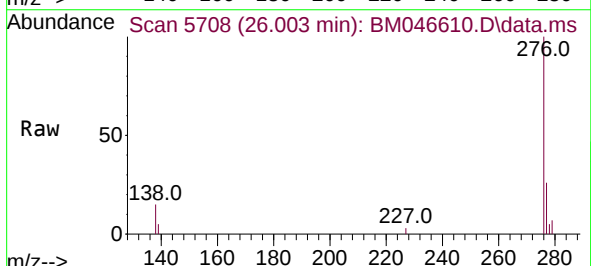
Tgt Ion:278 Resp: 352
Ion Ratio Lower Upper
278 100
139 34.7 9.1 13.7
279 48.9 23.2 34.8

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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 26.003 min Scan# 5708
Delta R.T. -0.001 min
Lab File: BM046610.D
Acq: 15 Jul 2024 23:46



Tgt Ion:276 Resp: 14224
Ion Ratio Lower Upper
276 100
138 14.6 10.2 15.4
277 26.4 20.9 31.3

