

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046641.D
 Acq On : 16 Jul 2024 20:05
 Operator : MA/JU
 Sample : P3177-12
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BX5

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 00:39:36 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	7.501	152	2388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6443	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.146	164	4331	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	9534m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	7992	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	8345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	6425	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2716	0.261	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	7078	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	25265	1.541	ng/ul	95
7) 2-Methylnaphthalene	11.937	142	11464	0.996	ng/ul	100
8) 1-Methylnaphthalene	12.157	142	9606	0.817	ng/ul	99
10) Acenaphthylene	13.859	152	4593	0.233	ng/ul#	94
11) Acenaphthene	14.206	153	41953	3.176	ng/ul	97
12) Fluorene	15.205	166	39683	2.428	ng/ul	98
15) Phenanthrene	16.939	178	430129	15.810	ng/ul	98
16) Anthracene	17.032	178	52845	1.990	ng/ul	98
19) Fluoranthene	18.970	202	446284	13.595	ng/ul	99
20) Pyrene	19.332	202	346715	9.755	ng/ul	99
21) Benzo(a)anthracene	21.087	228	137328	3.884	ng/ul	99
22) Chrysene	21.140	228	134934	3.944	ng/ul	98
24) Benzo(b)fluoranthene	22.613	252	164846m	4.946	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	51929m	1.587	ng/ul	
26) Benzo(a)pyrene	23.156	252	105399m	3.842	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.366	276	71629	1.716	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	16722	0.506	ng/ul#	88
29) Benzo(g,h,i)perylene	26.010	276	66463	1.995	ng/ul	98

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

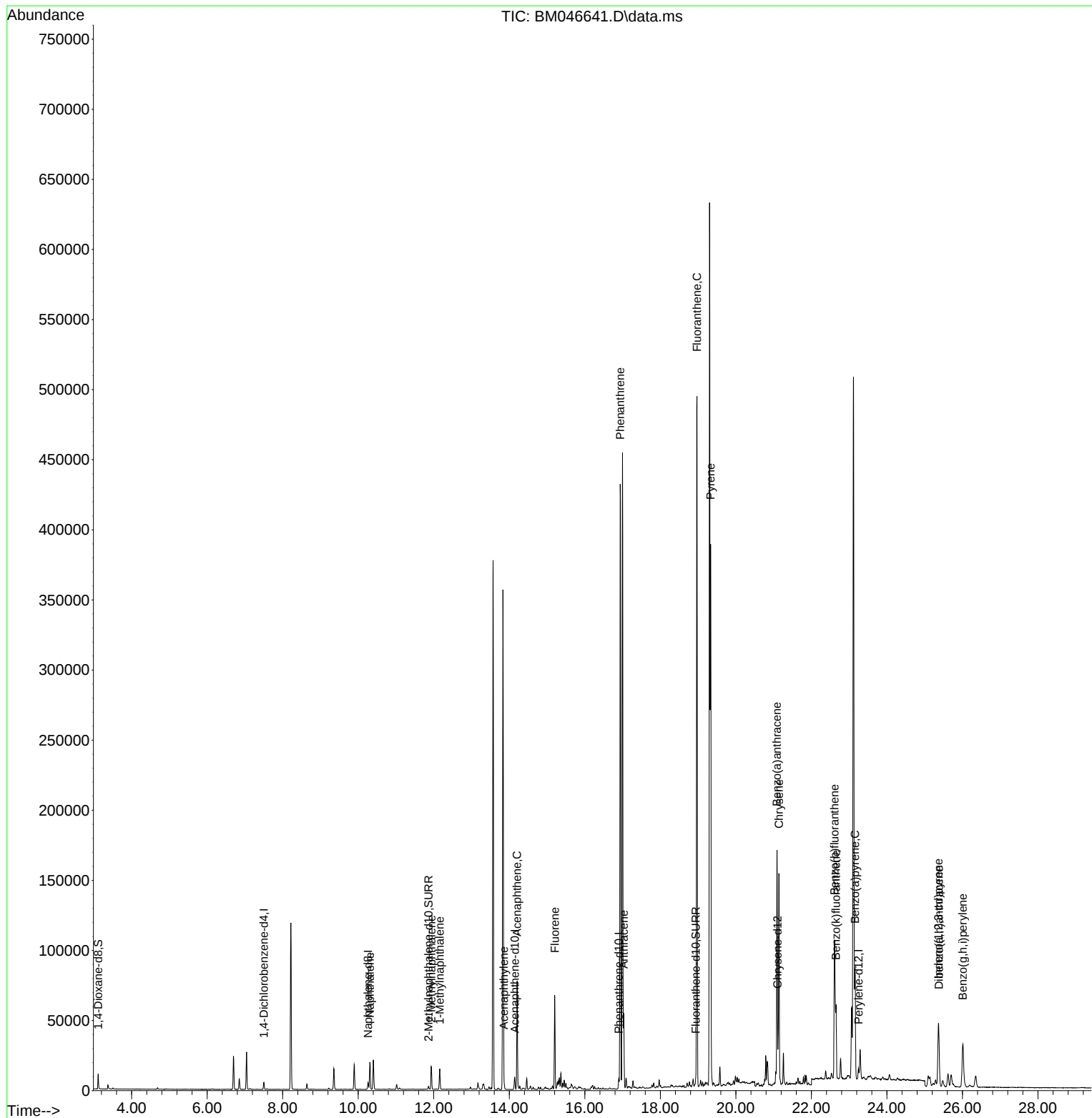
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

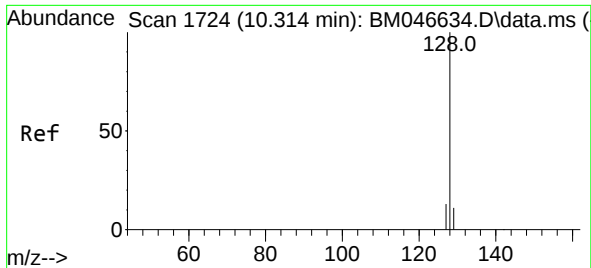
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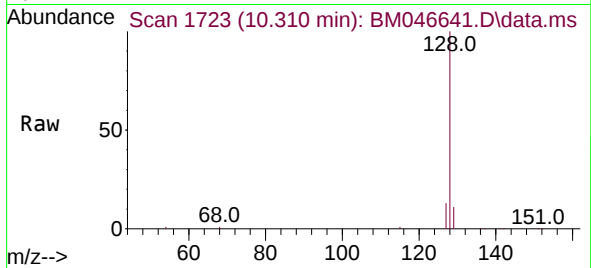
Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.541 ng/ul
RT: 10.310 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

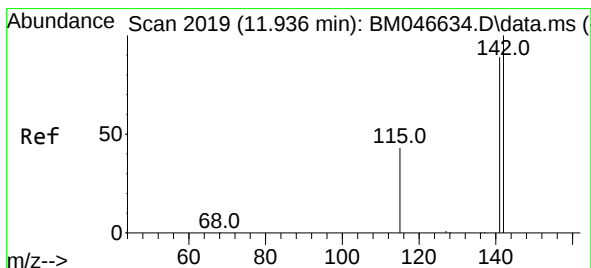
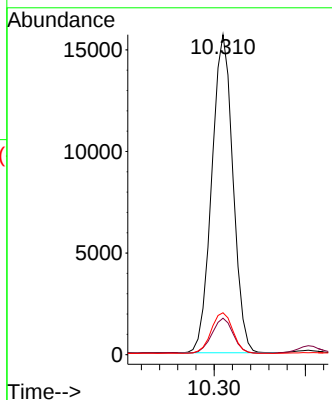
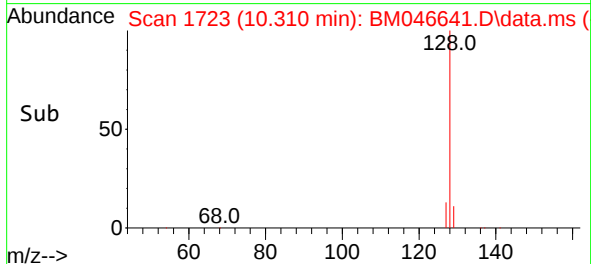
Instrument :
BNA_M
ClientSampleId :
A4BX5



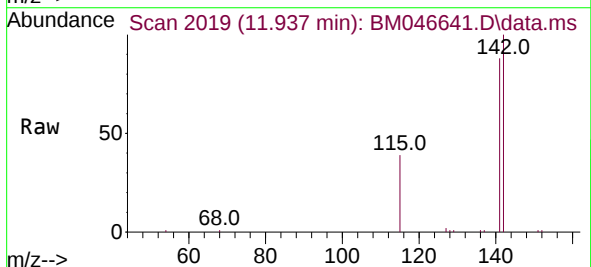
Tgt Ion:128 Resp: 2526
Ion Ratio Lower Upper
128 100
129 11.4 10.3 15.5
127 13.1 12.2 18.4

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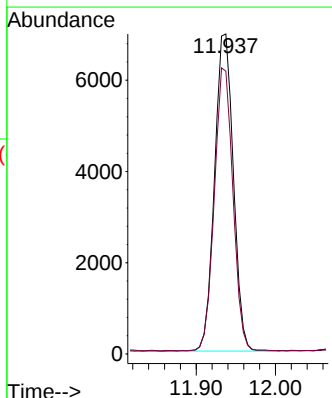
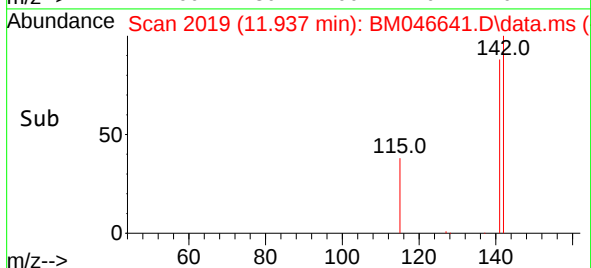
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

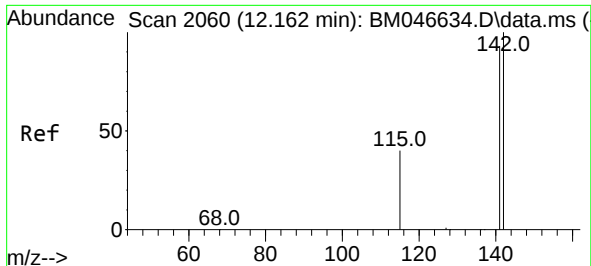


#7
2-Methylnaphthalene
Concen: 0.996 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05



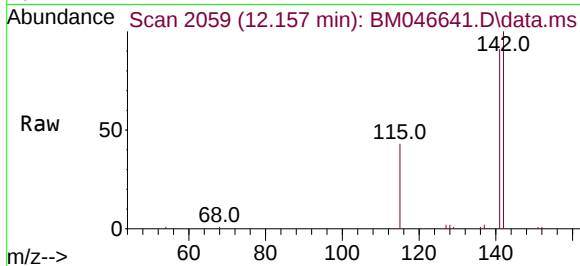
Tgt Ion:142 Resp: 11464
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.817 ng/ul
RT: 12.157 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

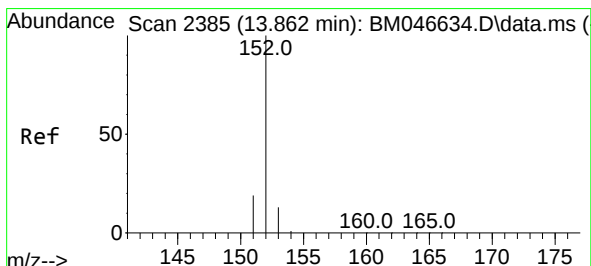
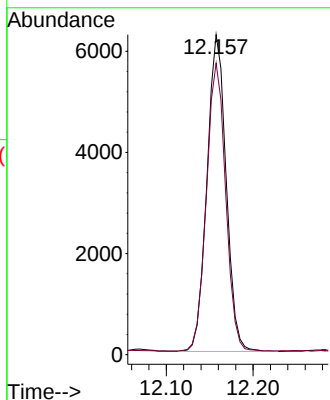
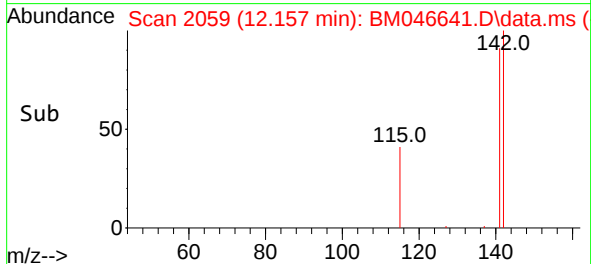
Instrument :
BNA_M
ClientSampleId :
A4BX5



Tgt Ion:142 Resp: 9600
Ion Ratio Lower Upper
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141 91.0 73.9 110.9

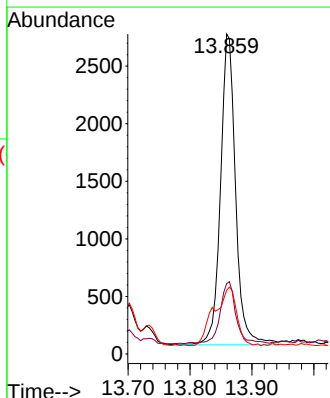
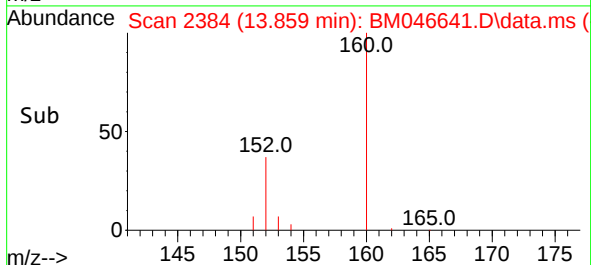
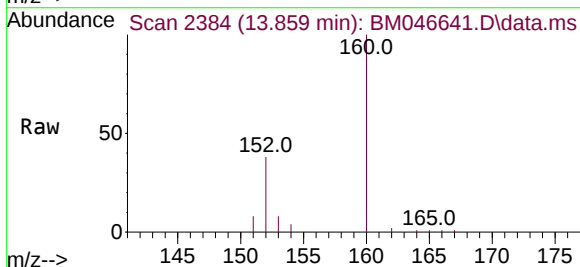
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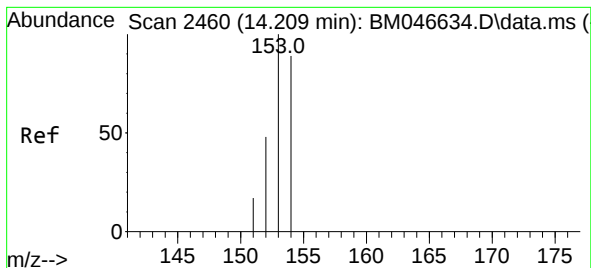
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.233 ng/ul
RT: 13.859 min Scan# 2384
Delta R.T. -0.005 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

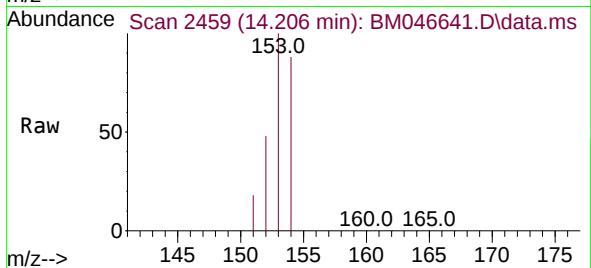
Tgt Ion:152 Resp: 4593
Ion Ratio Lower Upper
152 100
151 22.0 16.4 24.6
153 19.9 12.4 18.6#





#11
Acenaphthene
Concen: 3.176 ng/ul
RT: 14.206 min Scan# 2460
Delta R.T. -0.005 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

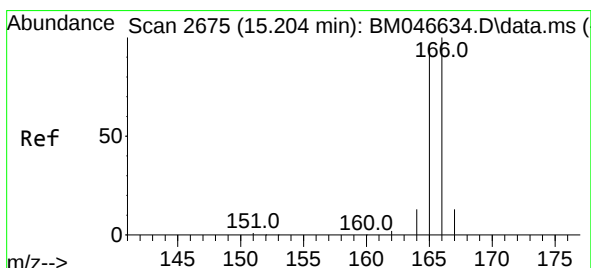
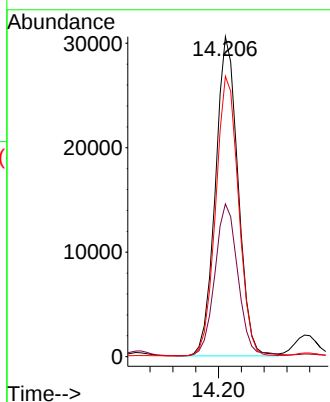
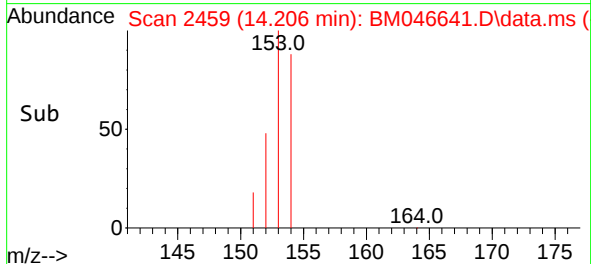
Instrument :
BNA_M
ClientSampleId :
A4BX5



Tgt Ion:153 Resp: 41953
Ion Ratio Lower Upper
153 100
152 47.8 43.0 64.6
154 87.7 69.9 104.9

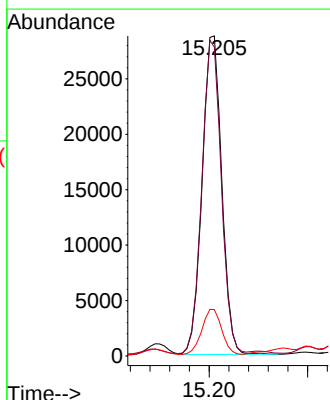
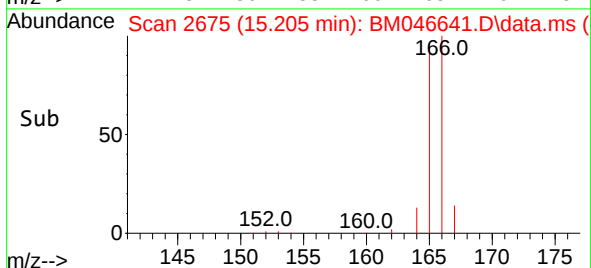
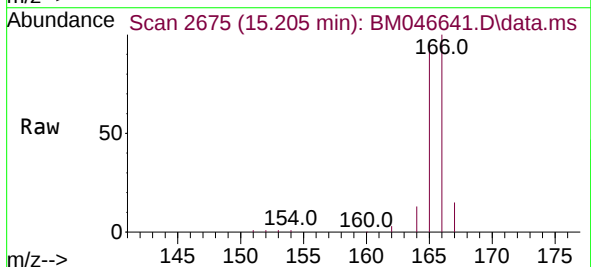
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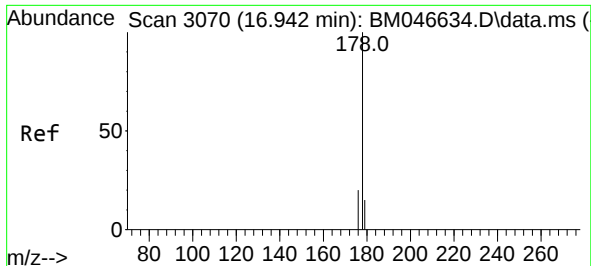
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 2.428 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

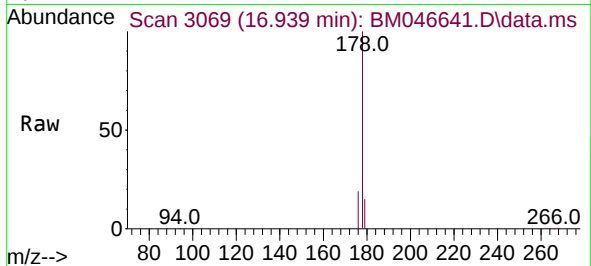
Tgt Ion:166 Resp: 39683
Ion Ratio Lower Upper
166 100
165 96.5 76.1 114.1
167 14.5 12.5 18.7





#15
Phenanthrene
Concen: 15.810 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

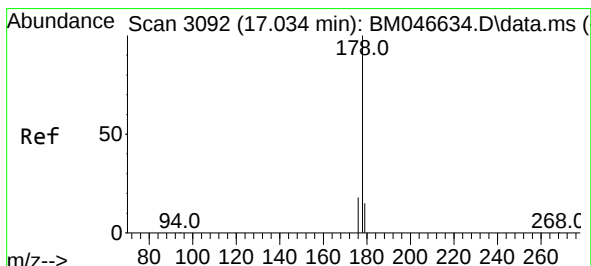
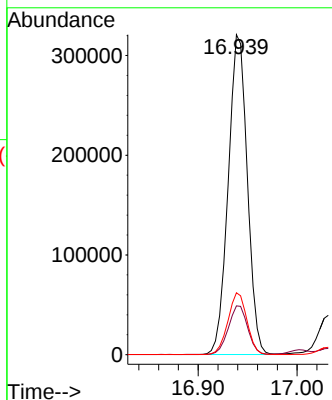
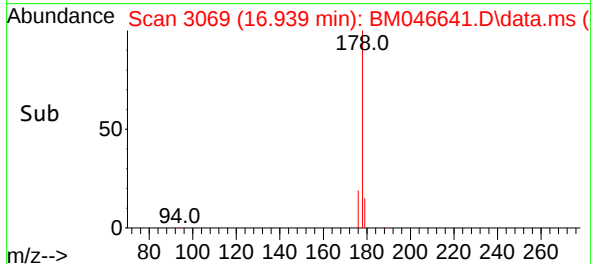
Instrument :
BNA_M
ClientSampleId :
A4BX5



Tgt Ion:178 Resp: 430129
Ion Ratio Lower Upper
178 100
179 15.2 13.1 19.7
176 19.3 16.0 24.0

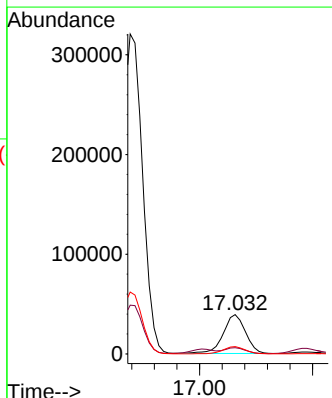
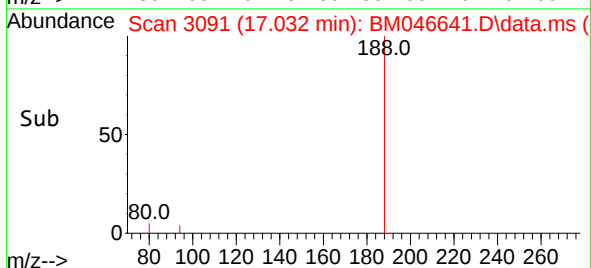
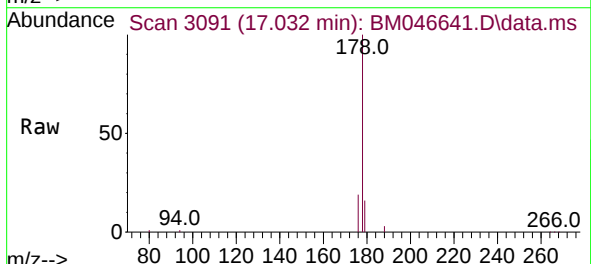
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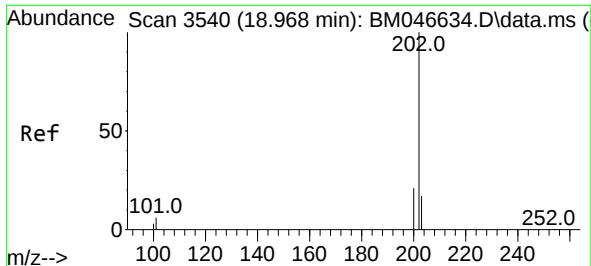
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 1.990 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

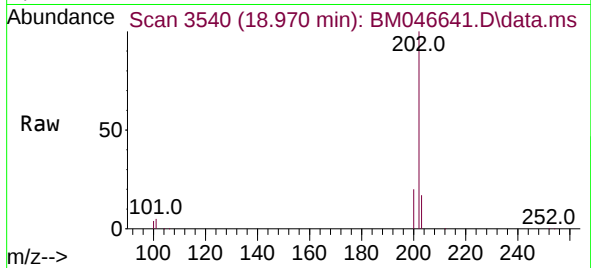
Tgt Ion:178 Resp: 52845
Ion Ratio Lower Upper
178 100
179 16.0 13.5 20.3
176 18.8 15.7 23.5





#19
Fluoranthene
Concen: 13.595 ng/u1
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

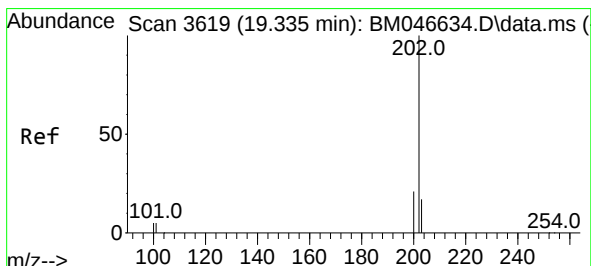
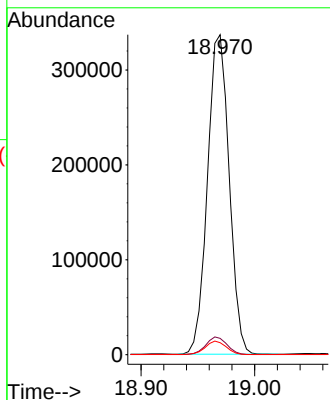
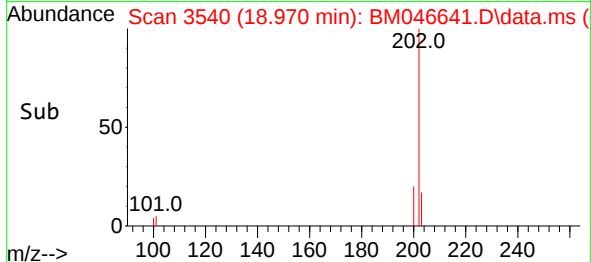
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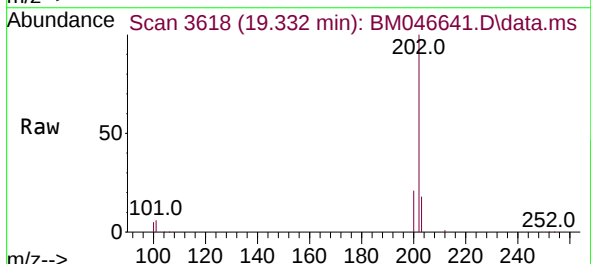
Tgt Ion:202 Resp: 446284
Ion Ratio Lower Upper
202 100
101 5.1 4.6 6.8
100 3.8 3.0 4.6

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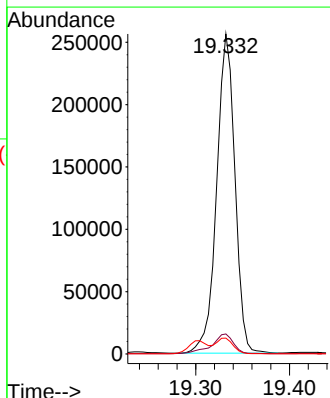
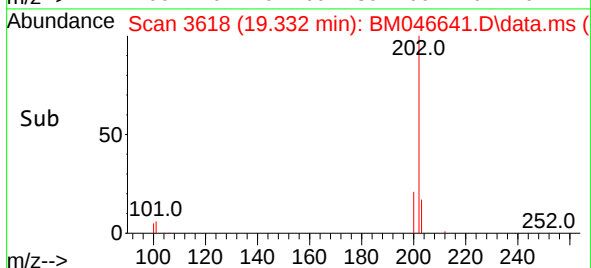
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

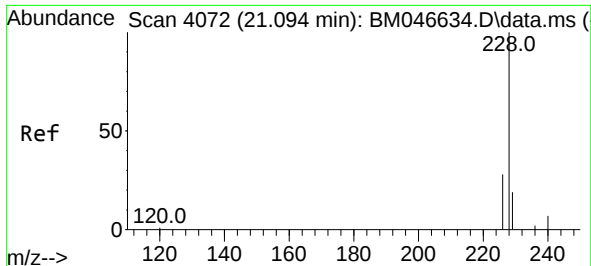


#20
Pyrene
Concen: 9.755 ng/u1
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05



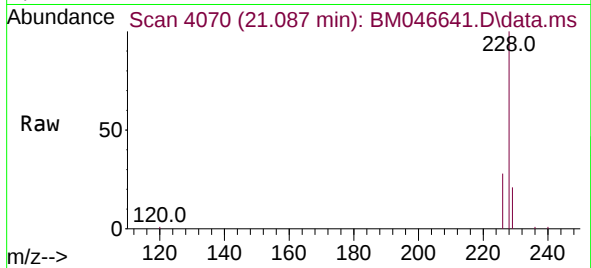
Tgt Ion:202 Resp: 346715
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 5.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 3.884 ng/ul
RT: 21.087 min Scan# 4072
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

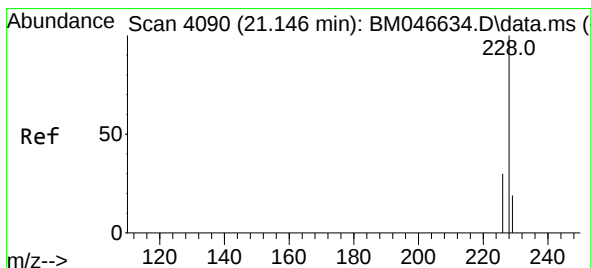
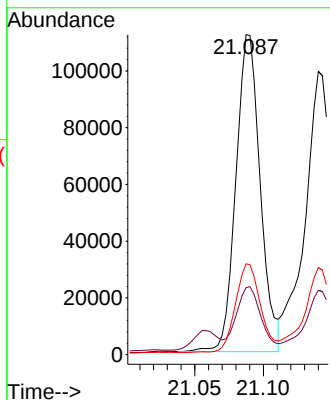
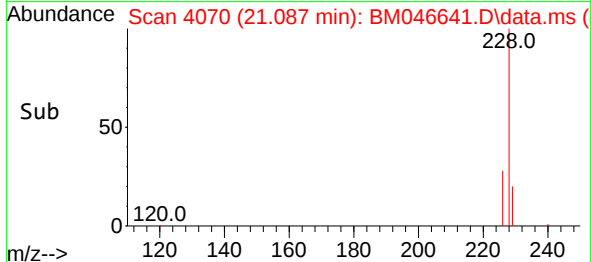
Instrument :
BNA_M
ClientSampleId :
A4BX5



Tgt Ion:228 Resp: 137328
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 28.4 22.5 33.7

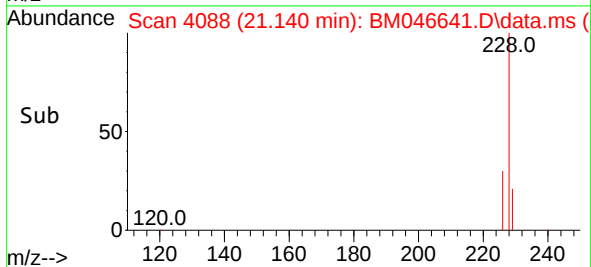
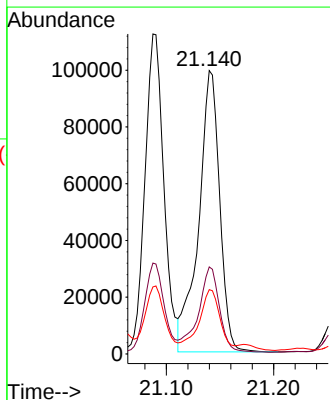
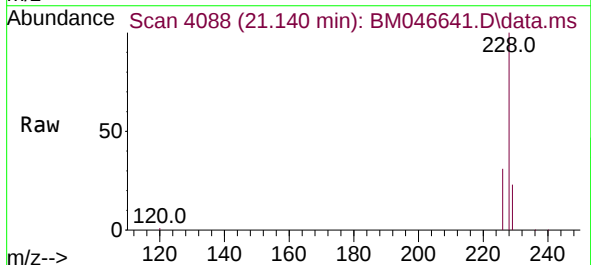
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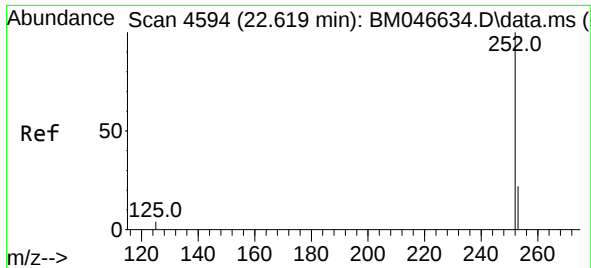
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 3.944 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

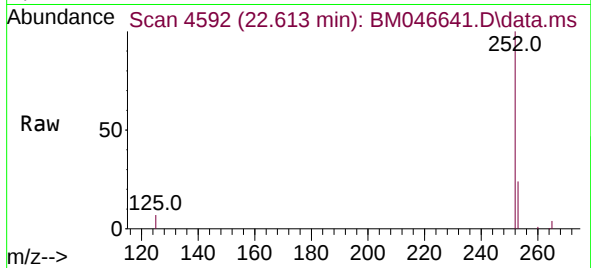
Tgt Ion:228 Resp: 134934
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.946 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

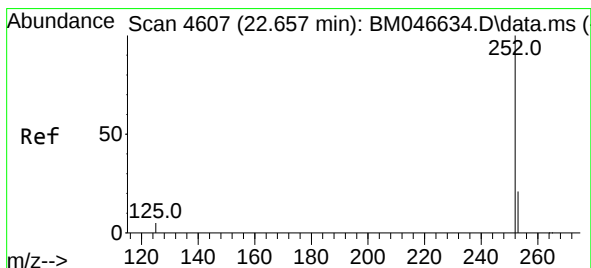
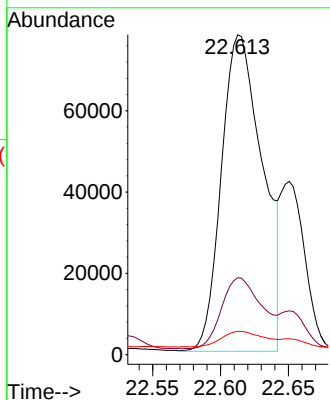
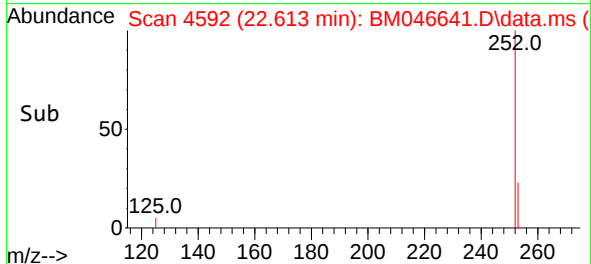
Instrument :
BNA_M
ClientSampleId :
A4BX5



Tgt Ion:252 Resp: 164840
Ion Ratio Lower Upper
252 100
253 24.1 0.0 56.2
125 7.3 0.0 17.8

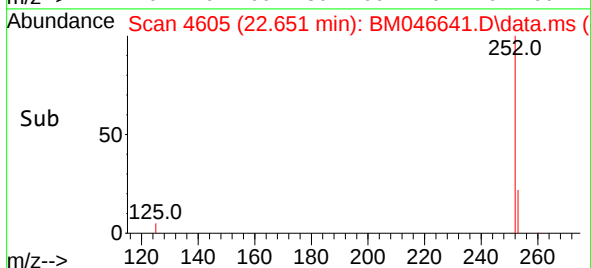
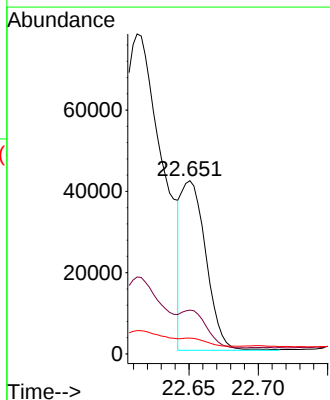
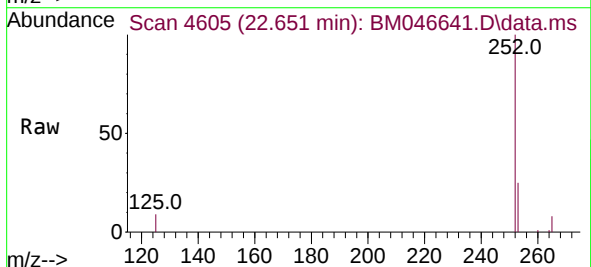
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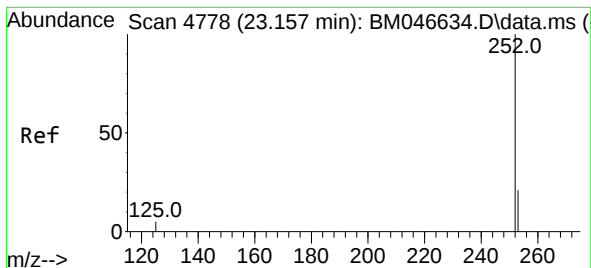
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 1.587 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.000 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

Tgt Ion:252 Resp: 51929
Ion Ratio Lower Upper
252 100
253 25.3 22.4 33.6
125 9.1 7.0 10.4





#26

Benzo(a)pyrene

Concen: 3.842 ng/ul m

RT: 23.156 min Scan# 4

Delta R.T. 0.005 min

Lab File: BM046641.D

Acq: 16 Jul 2024 20:05

Instrument :

BNM

ClientSampleId :

A4BX5

Tgt Ion:252 Resp: 105399

Ion Ratio Lower Upper

252 100

253 24.0 24.0 36.0

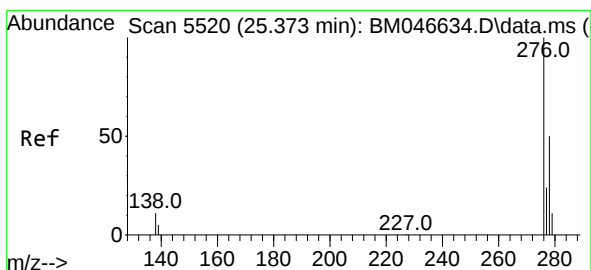
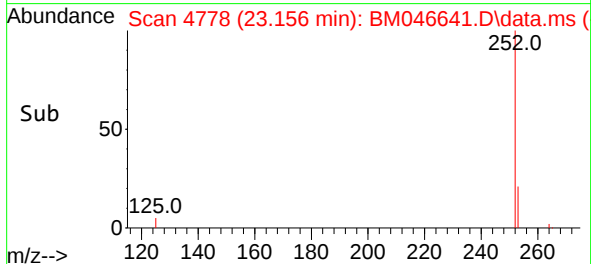
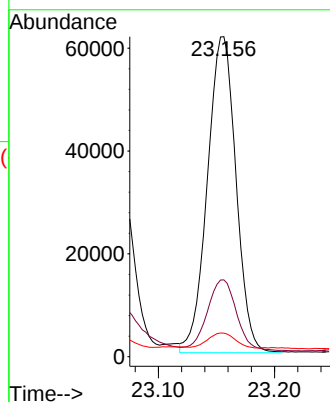
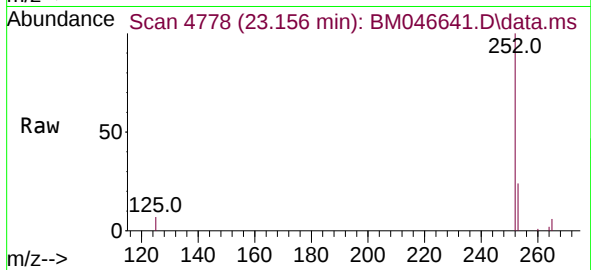
125 7.4 8.2 12.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.716 ng/ul

RT: 25.366 min Scan# 5518

Delta R.T. 0.006 min

Lab File: BM046641.D

Acq: 16 Jul 2024 20:05

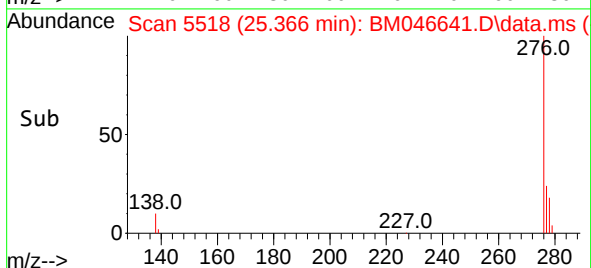
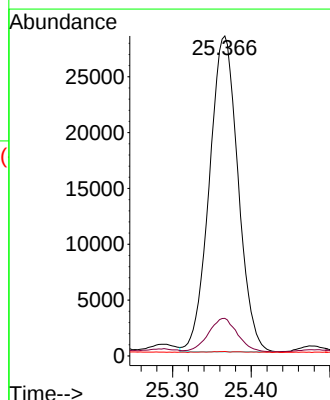
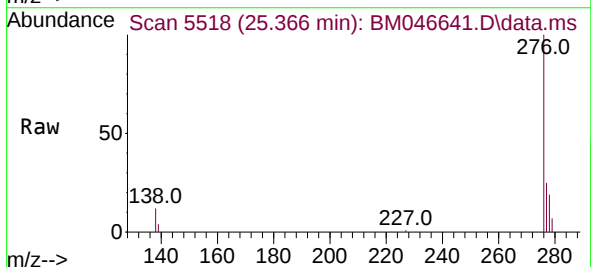
Tgt Ion:276 Resp: 71629

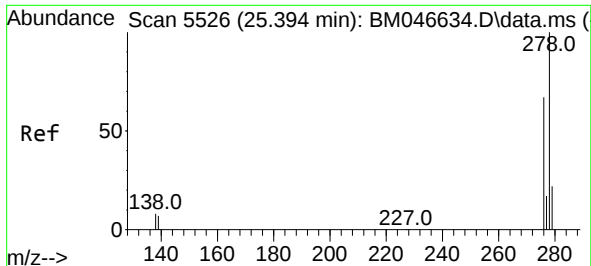
Ion Ratio Lower Upper

276 100

138 10.8 0.0 0.0#

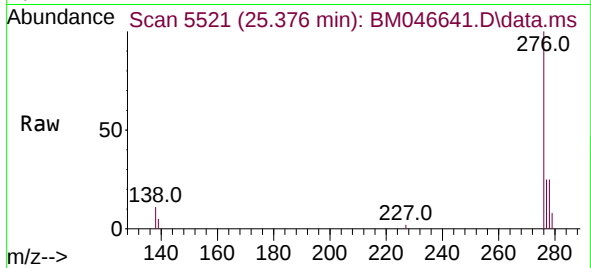
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.506 ng/ul
RT: 25.376 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

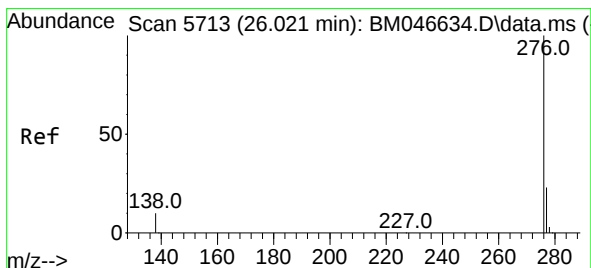
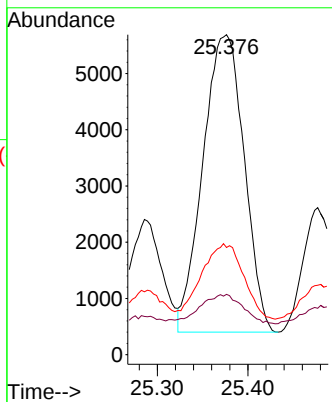
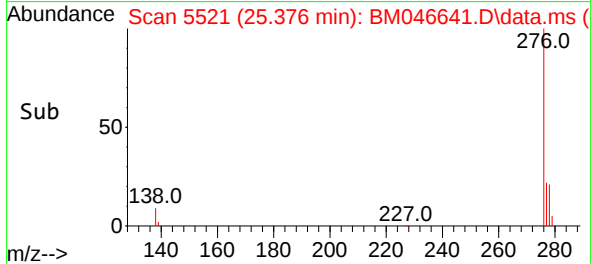
Instrument :
BNA_M
ClientSampleId :
A4BX5



Tgt Ion:278 Resp: 1672
Ion Ratio Lower Upper
278 100
139 18.9 9.1 13.7
279 33.5 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 1.995 ng/ul
RT: 26.010 min Scan# 5710
Delta R.T. 0.006 min
Lab File: BM046641.D
Acq: 16 Jul 2024 20:05

Tgt Ion:276 Resp: 66463
Ion Ratio Lower Upper
276 100
138 12.1 10.2 15.4
277 24.8 20.9 31.3

