

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046841.D
 Acq On : 26 Jul 2024 21:34
 Operator : MA/JU
 Sample : P3263-19DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 27 00:08:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5433	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	16197	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.113	164	9344	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	17176	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	9279	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9620	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	2826	0.743	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	1331	0.052	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	1965	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	5032	0.123	ng/ul	96
7) 2-Methylnaphthalene	11.899	142	2192	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.124	142	1566	0.054	ng/ul	99
10) Acenaphthylene	13.827	152	7200	0.168	ng/ul	97
11) Acenaphthene	14.174	153	3558	0.122	ng/ul	97
12) Fluorene	15.173	166	4361	0.120	ng/ul	98
15) Phenanthrene	16.909	178	83298	1.687	ng/ul	98
16) Anthracene	16.998	178	15997	0.348	ng/ul	98
19) Fluoranthene	18.937	202	134701	3.305	ng/ul#	96
20) Pyrene	19.304	202	95167	2.258	ng/ul	97
21) Benzo(a)anthracene	21.064	228	52160	1.349	ng/ul	96
22) Chrysene	21.114	228	56904	1.449	ng/ul	98
24) Benzo(b)fluoranthene	22.577	252	75834m	1.796	ng/ul	
25) Benzo(k)fluoranthene	22.615	252	24681m	0.580	ng/ul	
26) Benzo(a)pyrene	23.115	252	26423	0.871	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.313	276	26346	0.565	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.316	278	8442	0.247	ng/ul#	75
29) Benzo(g,h,i)perylene	25.953	276	4342	0.106	ng/ul#	63

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

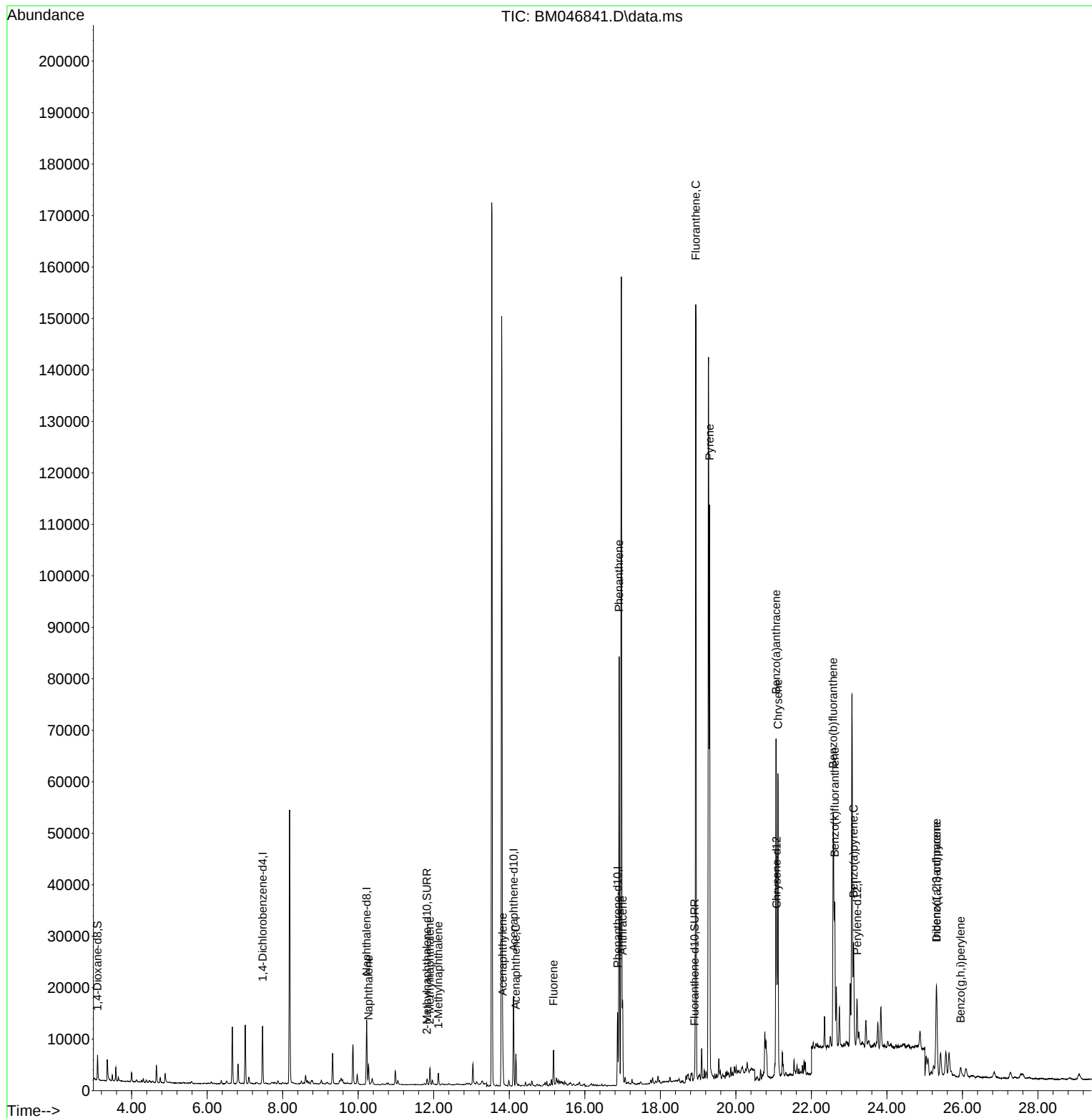
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046841.D
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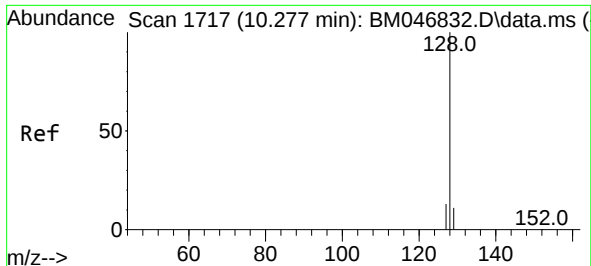
Instrument :
BNA_M
ClientSampleId :
A4CK9DL

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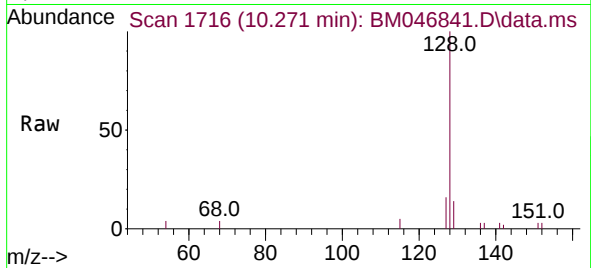
Quant Time: Jul 27 00:08:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.271 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

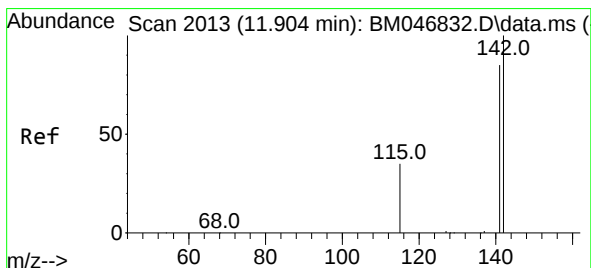
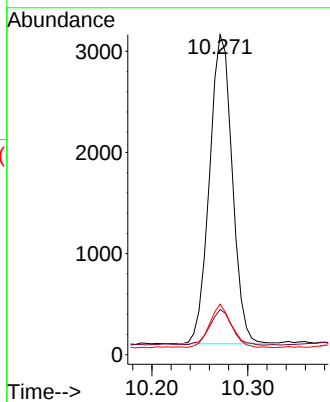
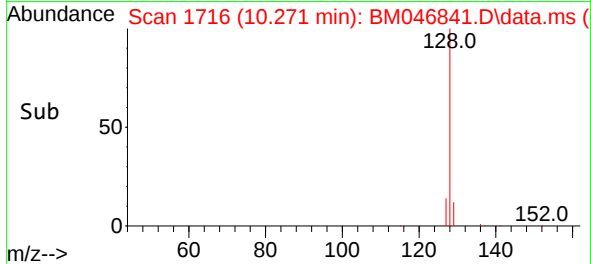
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:128 Resp: 503
Ion Ratio Lower Upper
128 100
129 14.1 10.1 15.1
127 15.8 11.5 17.3

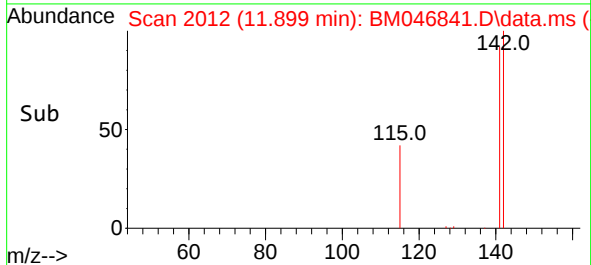
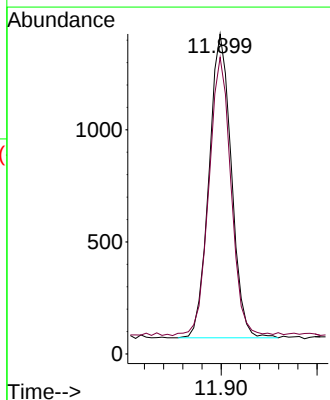
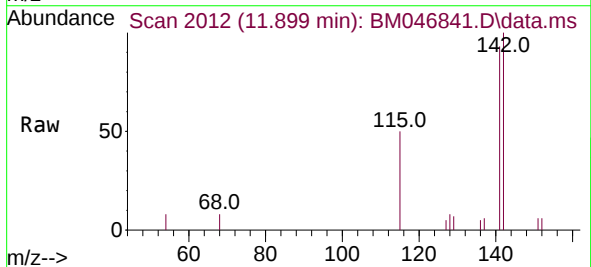
Manual Integrations
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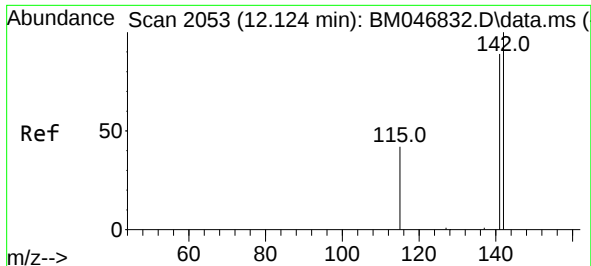
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

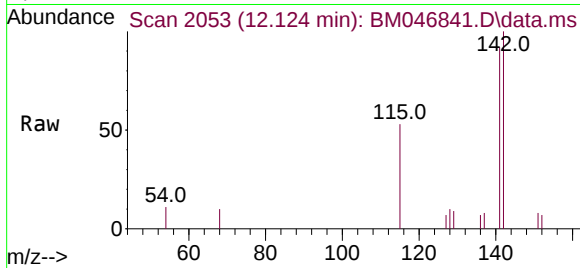
Tgt Ion:142 Resp: 2192
Ion Ratio Lower Upper
142 100
141 90.6 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

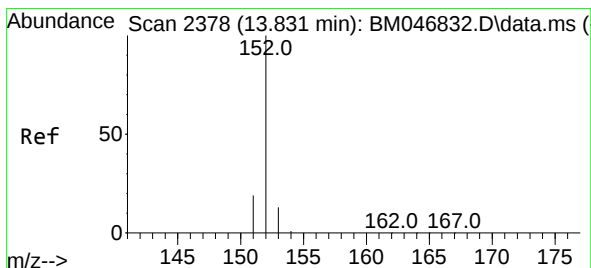
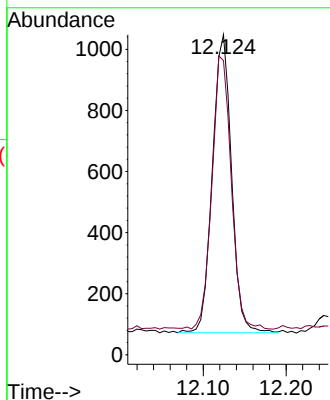
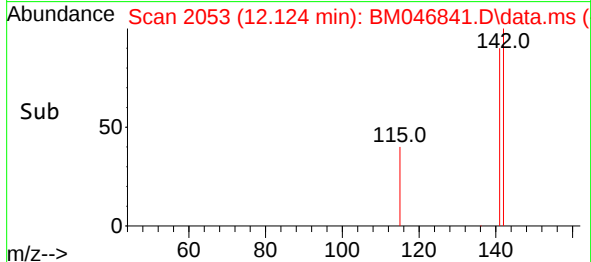
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:142 Resp: 1560
Ion Ratio Lower Upper
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141 92.5 73.1 109.7

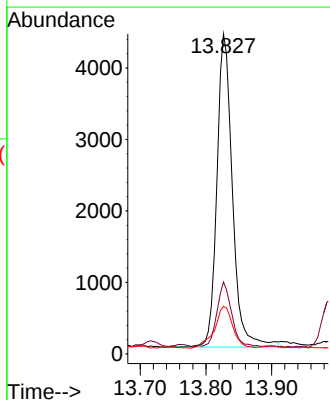
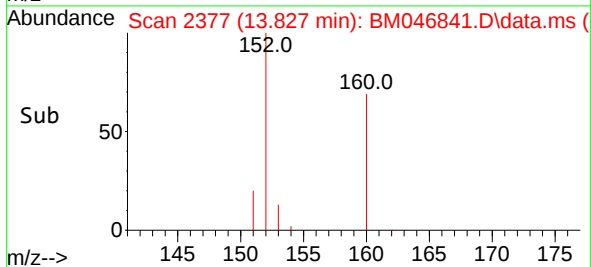
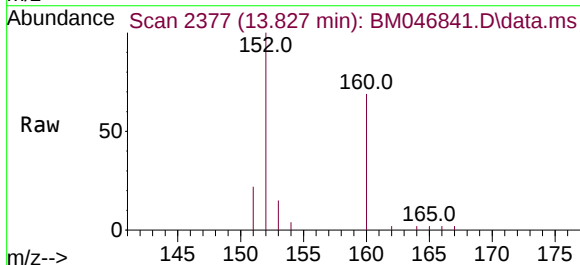
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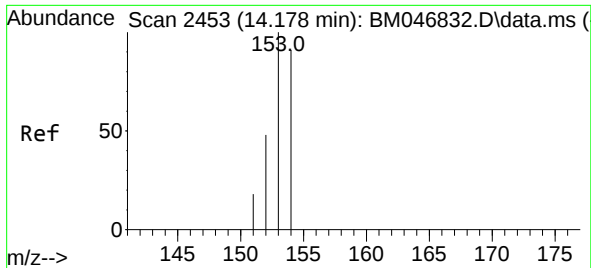
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.168 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.005 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

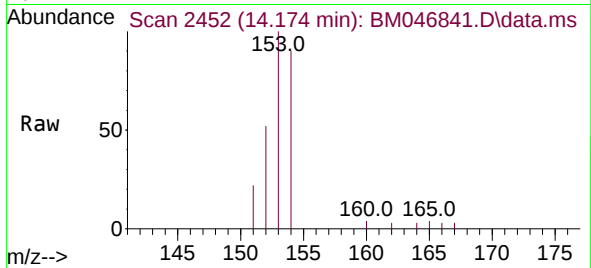
Tgt Ion:152 Resp: 7200
Ion Ratio Lower Upper
152 100
151 22.5 16.8 25.2
153 14.9 11.0 16.6





#11
Acenaphthene
Concen: 0.122 ng/u1
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

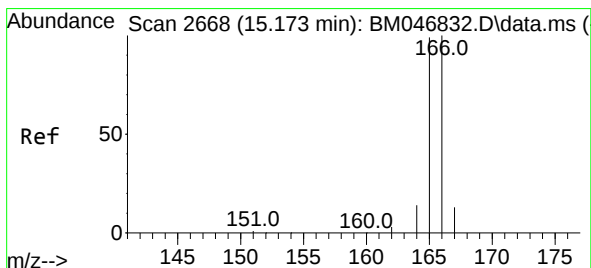
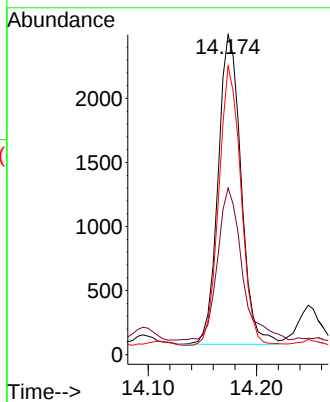
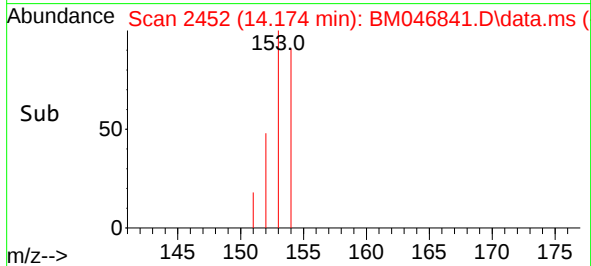
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:153 Resp: 3558
Ion Ratio Lower Upper
153 100
152 52.1 38.6 57.8
154 90.2 70.8 106.2

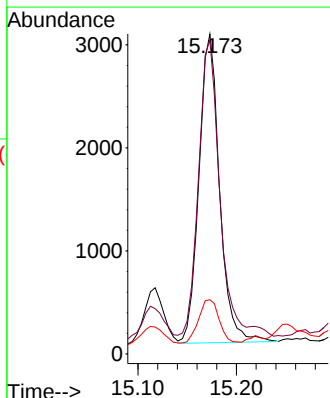
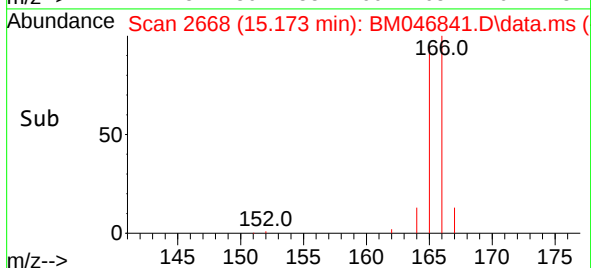
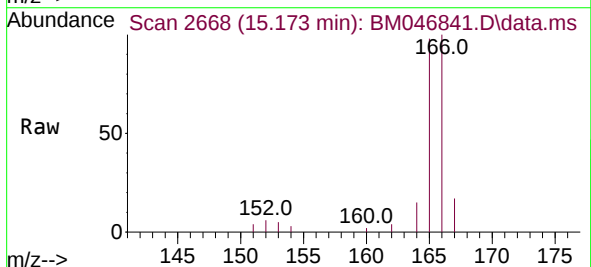
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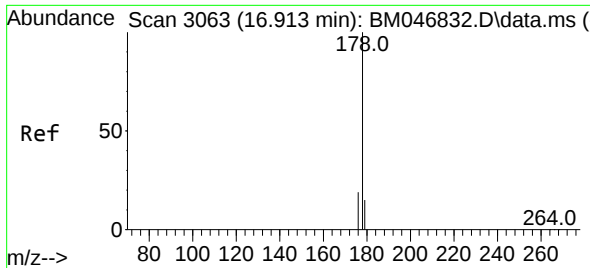
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.120 ng/u1
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

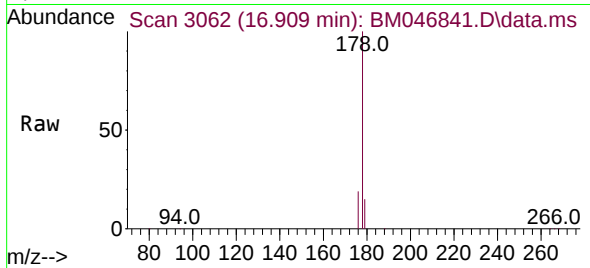
Tgt Ion:166 Resp: 4361
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 16.9 12.3 18.5





#15
Phenanthrene
Concen: 1.687 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

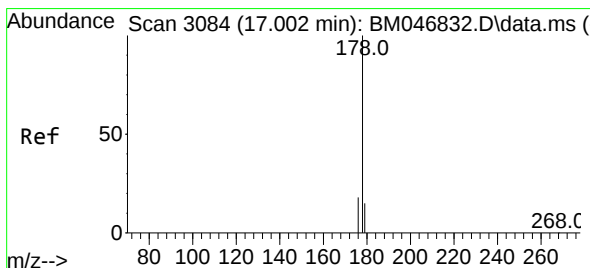
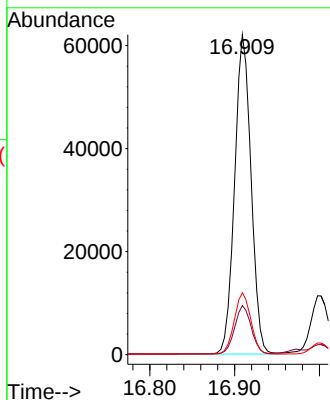
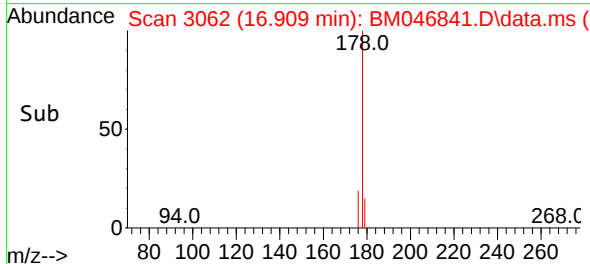
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:178 Resp: 83298
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.3 16.1 24.1

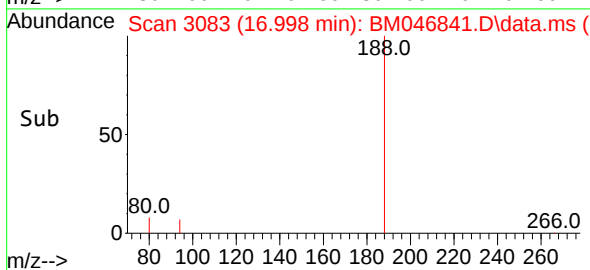
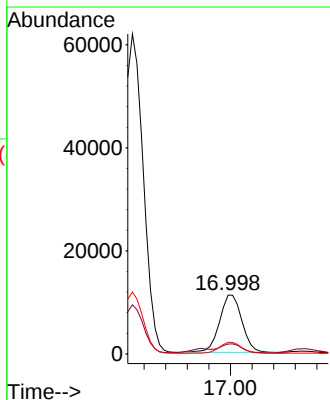
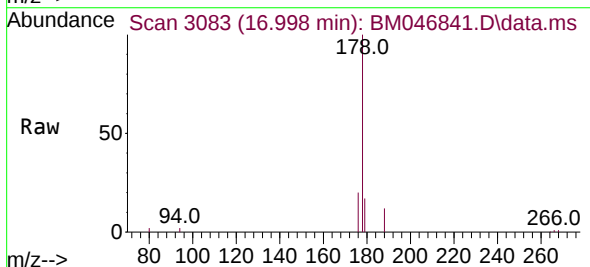
Manual Integrations
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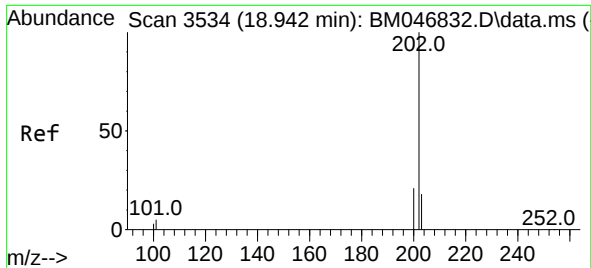
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 0.348 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

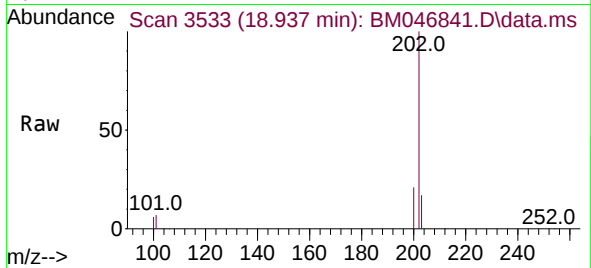
Tgt Ion:178 Resp: 15997
Ion Ratio Lower Upper
178 100
179 16.8 13.1 19.7
176 19.8 15.0 22.6





#19
Fluoranthene
Concen: 3.305 ng/uI
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

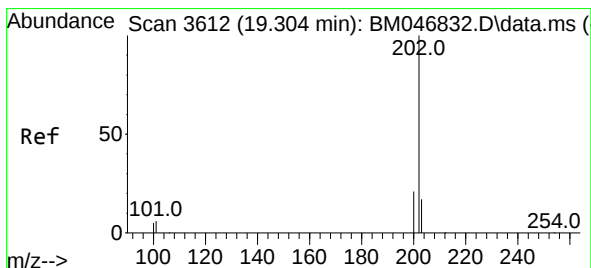
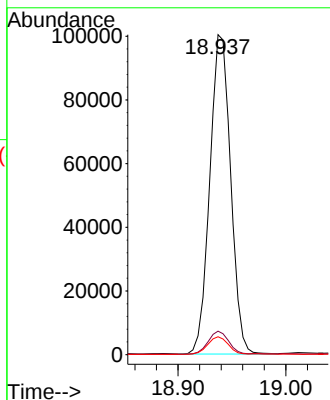
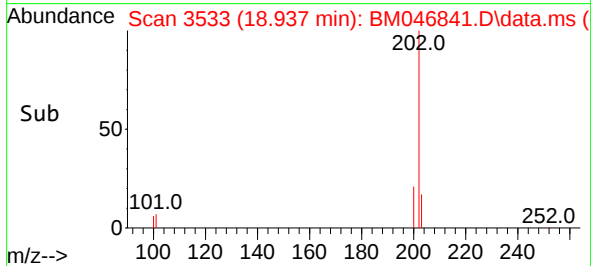
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:202 Resp: 13470
Ion Ratio Lower Upper
202 100
101 7.3 4.7 7.1
100 5.6 3.4 5.2

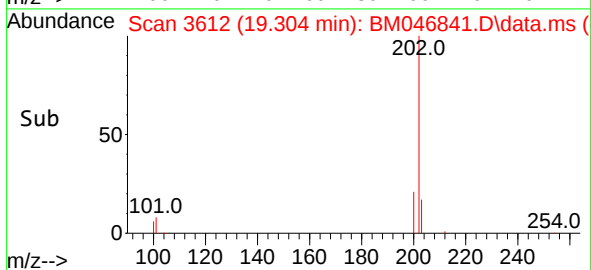
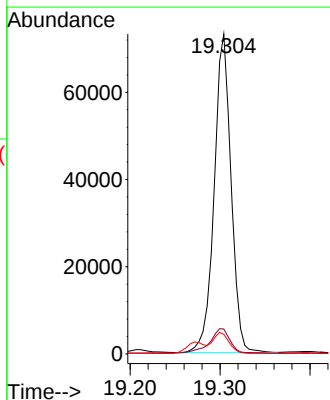
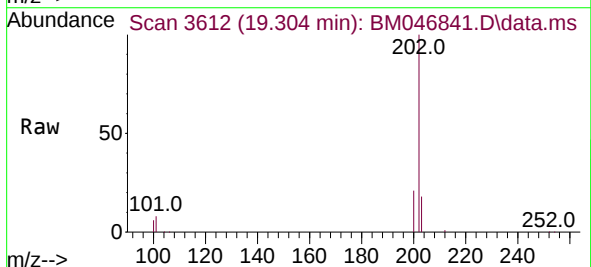
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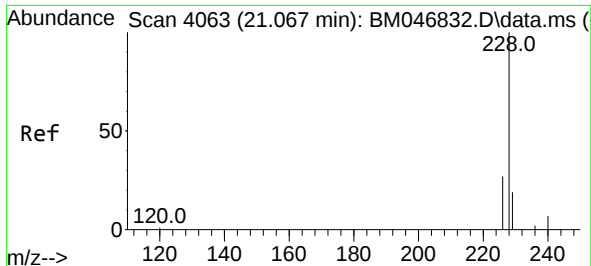
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 2.258 ng/uI
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

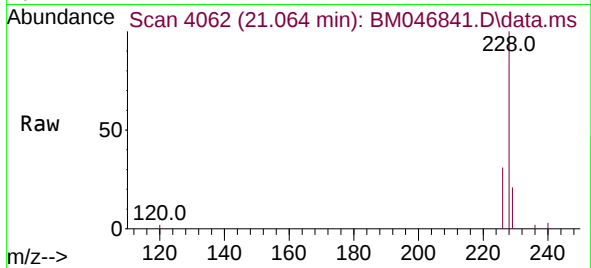
Tgt Ion:202 Resp: 95167
Ion Ratio Lower Upper
202 100
101 7.8 5.2 7.8
100 6.2 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.349 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

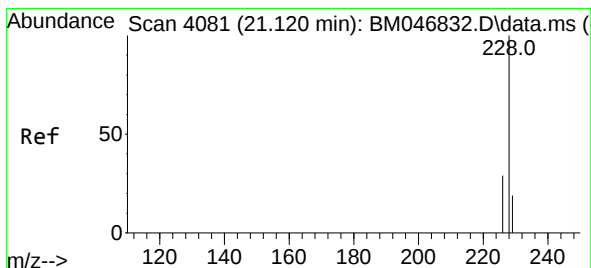
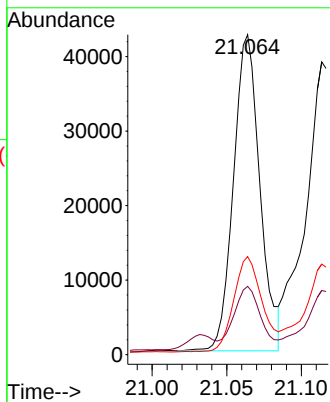
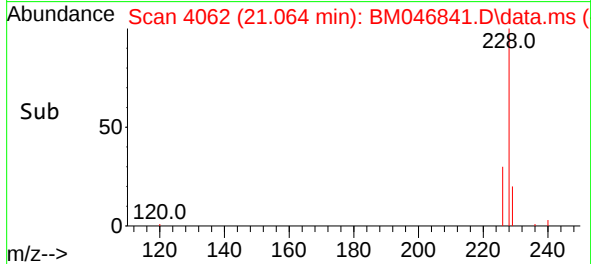
Instrument :
BNA_M
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A4CK9DL



Tgt Ion:228 Resp: 52160
Ion Ratio Lower Upper
228 100
229 21.3 16.3 24.5
226 30.6 22.3 33.5

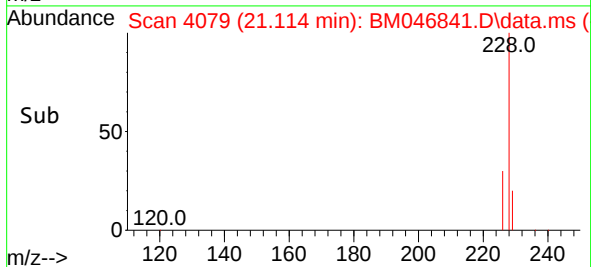
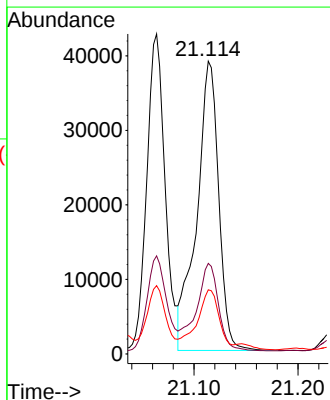
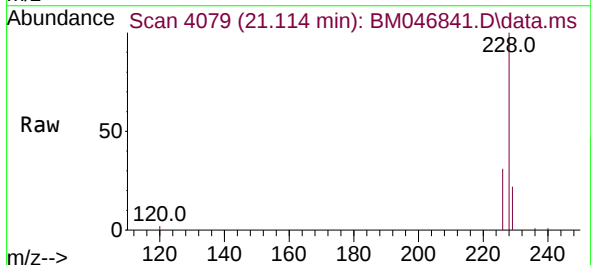
Manual Integrations
APPROVED

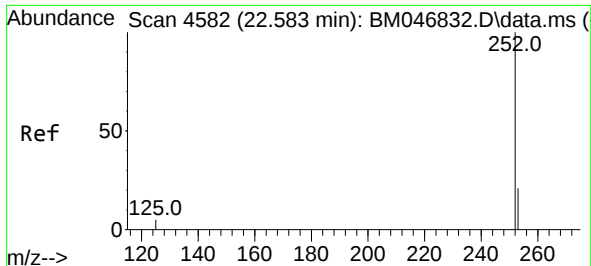
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 1.449 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

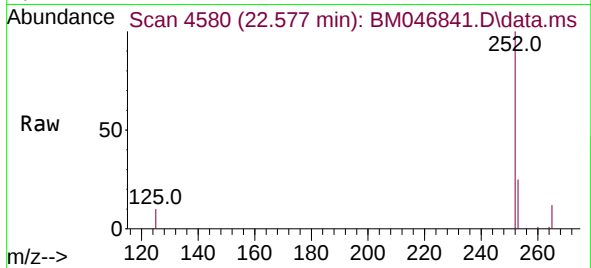
Tgt Ion:228 Resp: 56904
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.796 ng/ul m
RT: 22.577 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

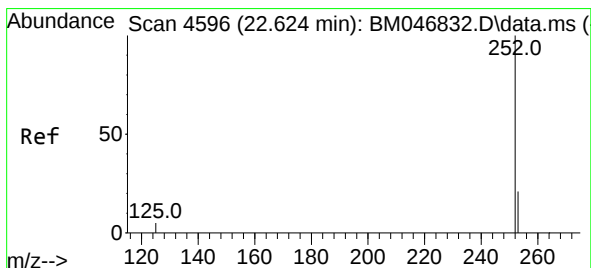
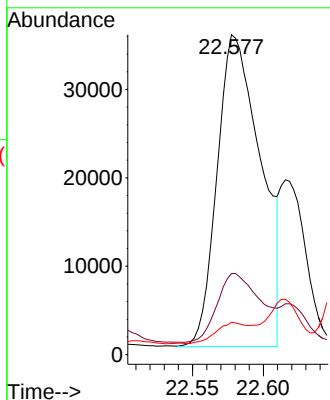
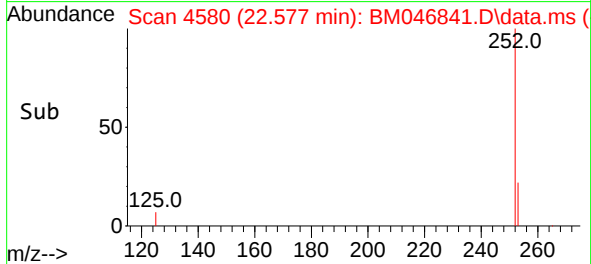
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:252 Resp: 75834
Ion Ratio Lower Upper
252 100
253 25.3 0.0 56.4
125 10.1 0.0 15.8

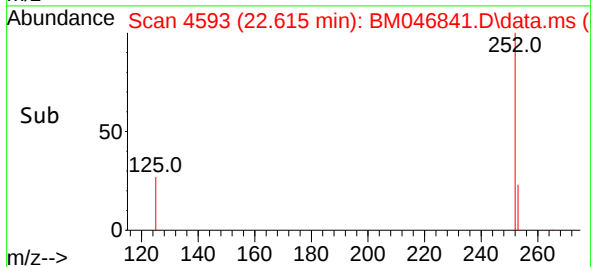
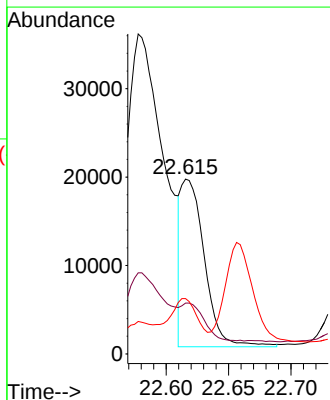
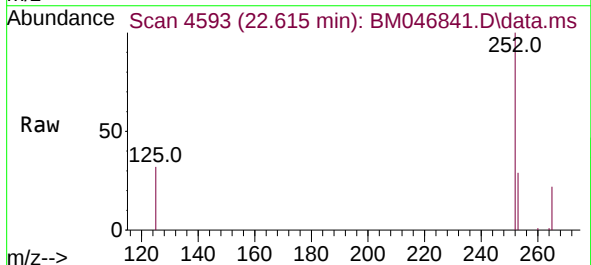
Manual Integrations
APPROVED

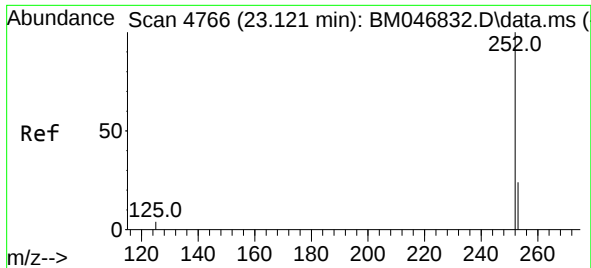
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.580 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

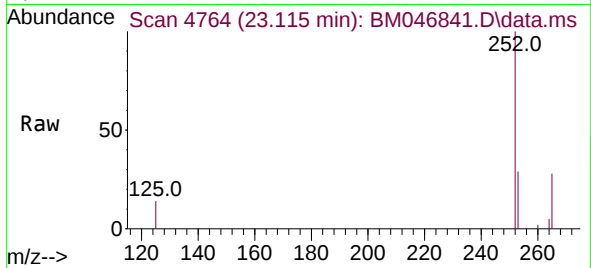
Tgt Ion:252 Resp: 24681
Ion Ratio Lower Upper
252 100
253 29.1 23.5 35.3
125 31.6 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.871 ng/ul
RT: 23.115 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

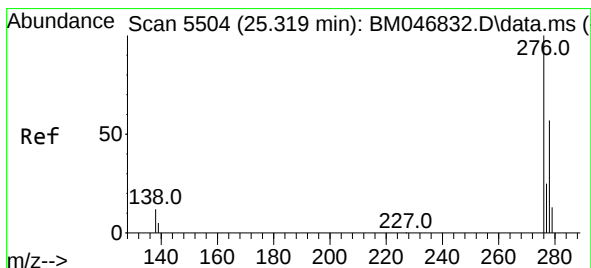
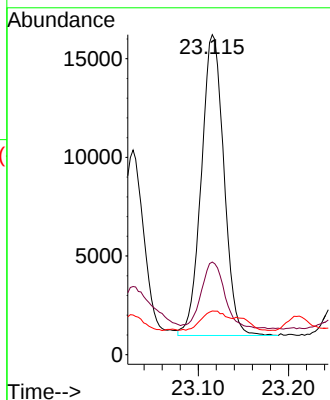
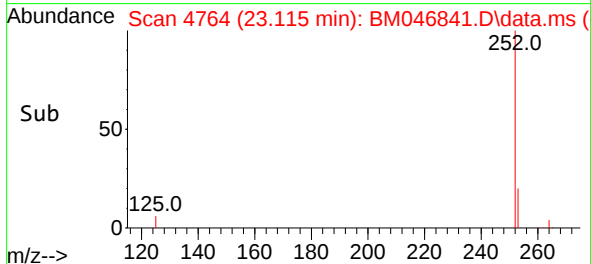
Instrument :
BNA_M
ClientSampleId :
A4CK9DL



Tgt Ion:252 Resp: 26423
Ion Ratio Lower Upper
252 100
253 28.9 26.0 39.0
125 13.7 7.8 11.8

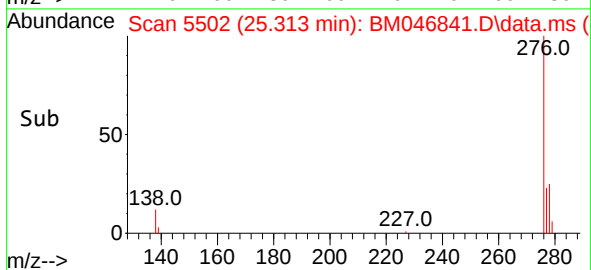
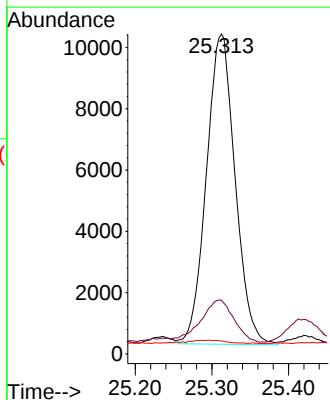
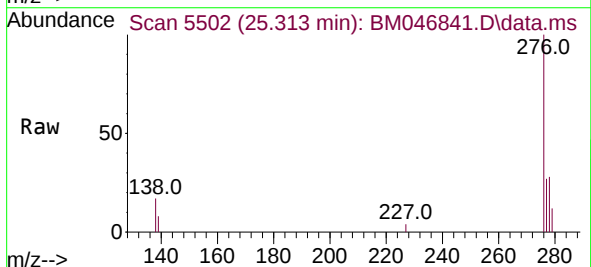
Manual Integrations
APPROVED

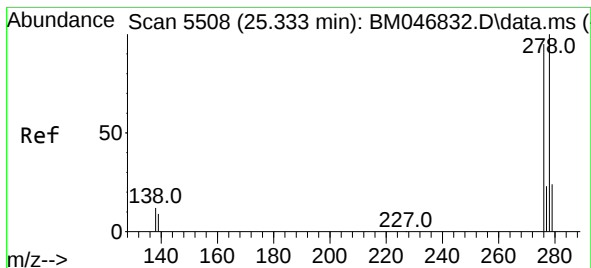
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.565 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.003 min
Lab File: BM046841.D
Acq: 26 Jul 2024 21:34

Tgt Ion:276 Resp: 26346
Ion Ratio Lower Upper
276 100
138 15.7 9.7 14.5#
227 1.2 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.247 ng/ul

RT: 25.316 min Scan# 5

Delta R.T. -0.017 min

Lab File: BM046841.D

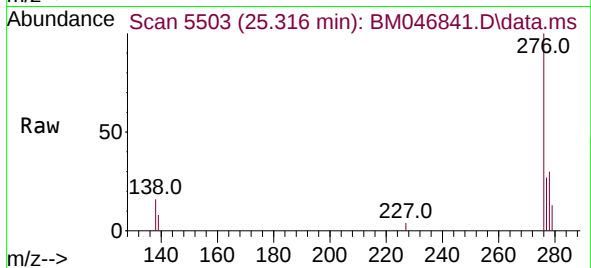
Acq: 26 Jul 2024 21:34

Instrument :

BNA_M

ClientSampleId :

A4CK9DL



Tgt Ion:278 Resp: 844

Ion Ratio Lower Upper

278 100

139 26.7 9.8 14.8

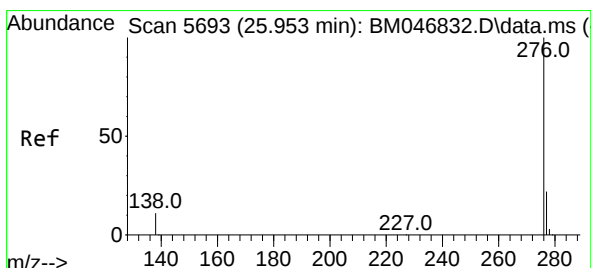
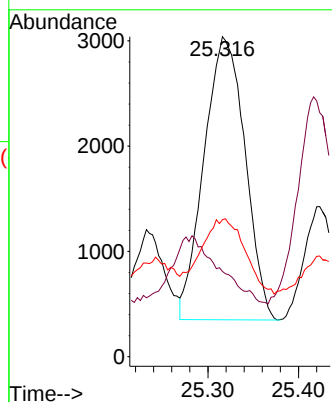
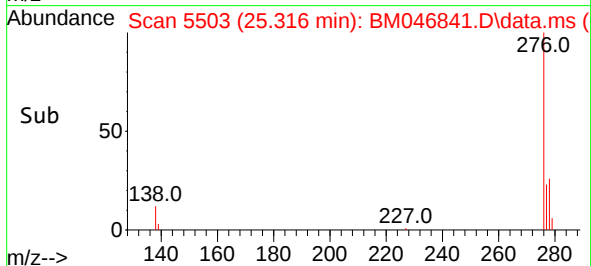
279 42.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.106 ng/ul

RT: 25.953 min Scan# 5693

Delta R.T. 0.000 min

Lab File: BM046841.D

Acq: 26 Jul 2024 21:34

Tgt Ion:276 Resp: 4342

Ion Ratio Lower Upper

276 100

138 33.7 9.5 14.3#

277 40.6 20.9 31.3#

