

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046648.D
 Acq On : 17 Jul 2024 00:24
 Operator : MA/JU
 Sample : P3139-01DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D00DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 00:54:17 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	2586	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.260	136	7179	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.141	164	5043	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	10986	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8449	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	9363	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1848	0.870	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	889	0.077	ng/ul	0.00
18) Fluoranthene-d10	18.932	212	2150	0.084	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.310	128	905	0.050	ng/ul#	84
7) 2-Methylnaphthalene	11.932	142	634	0.049	ng/ul	99
8) 1-Methylnaphthalene	12.157	142	560	0.043	ng/ul	95
10) Acenaphthylene	13.859	152	3003	0.131	ng/ul	97
11) Acenaphthene	14.206	153	630	0.041	ng/ul	95
12) Fluorene	15.201	166	1092	0.057	ng/ul#	85
15) Phenanthrene	16.939	178	21524	0.687	ng/ul	99
16) Anthracene	17.027	178	4053	0.132	ng/ul	96
19) Fluoranthene	18.965	202	47418	1.366	ng/ul	99
20) Pyrene	19.327	202	26650	0.709	ng/ul	98
21) Benzo(a)anthracene	21.084	228	19193	0.513	ng/ul	96
22) Chrysene	21.137	228	24152	0.668	ng/ul	97
24) Benzo(b)fluoranthene	22.607	252	31185m	0.834	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	10801m	0.294	ng/ul	
26) Benzo(a)pyrene	23.145	252	7457	0.242	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.360	276	8836	0.189	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.373	278	3933	0.106	ng/ul#	46
29) Benzo(g,h,i)perylene	26.000	276	1197	0.032	ng/ul#	21

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

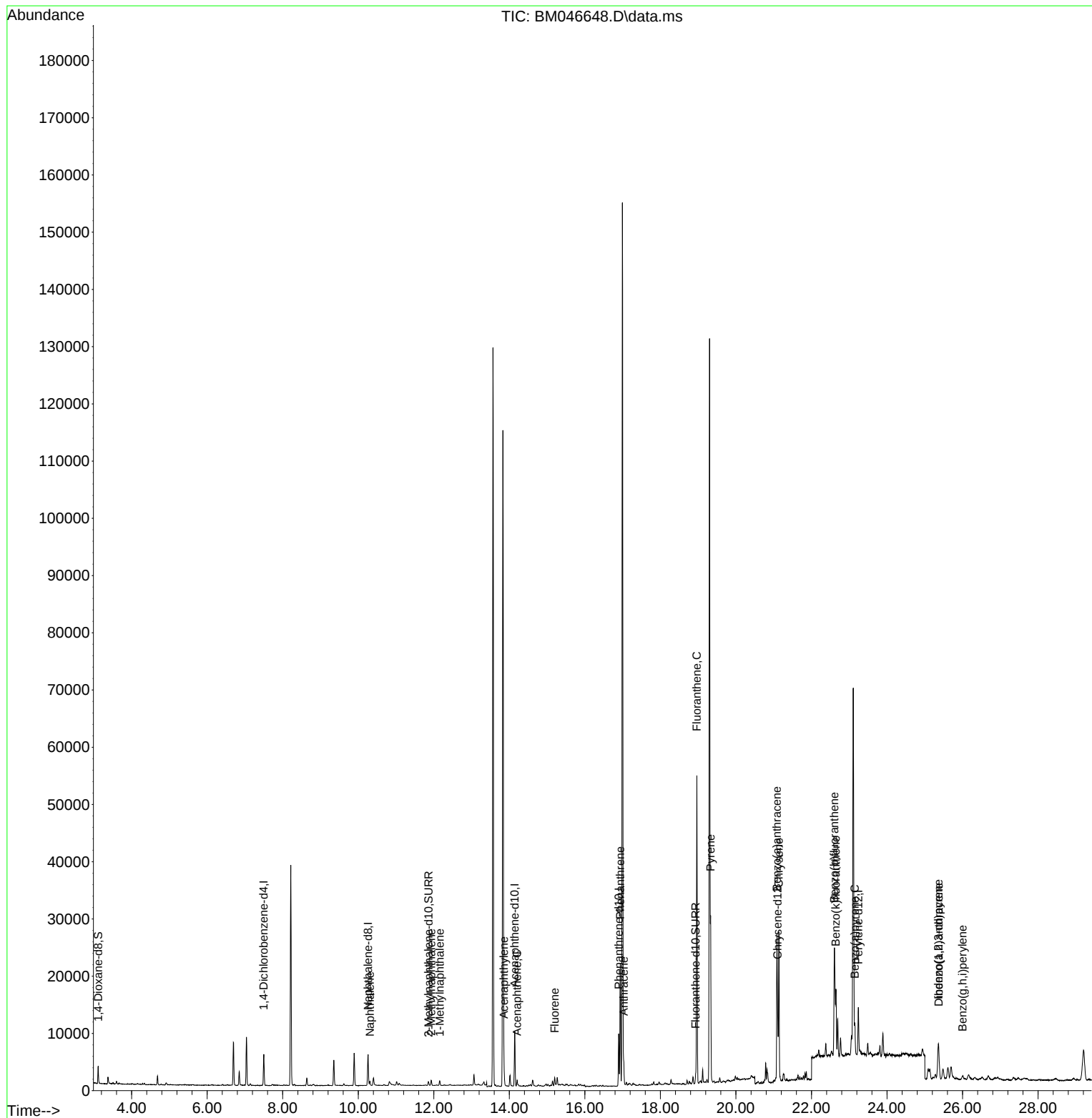
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046648.D
Acq On : 17 Jul 2024 00:24
Operator : MA/JU
Sample : P3139-01DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

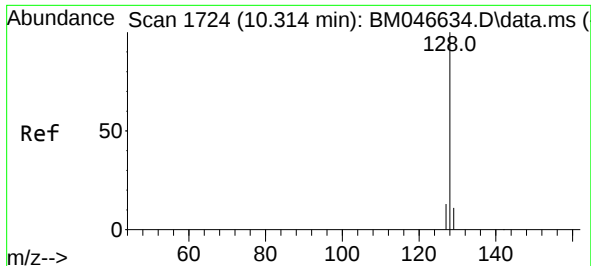
Instrument :
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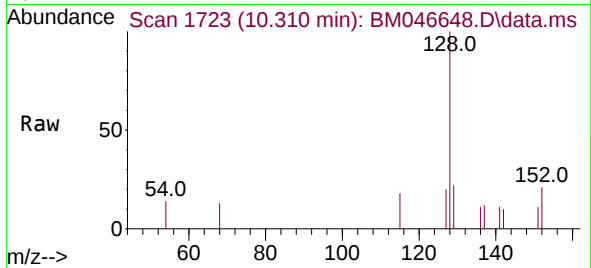
Quant Time: Jul 17 00:54:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

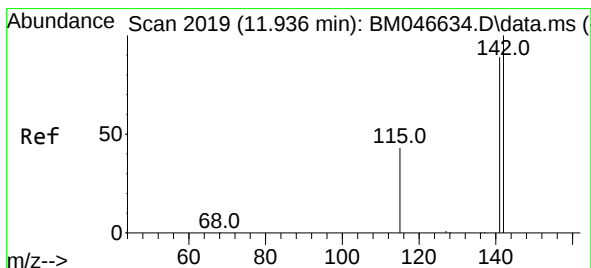
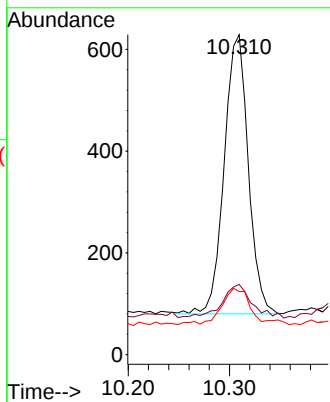
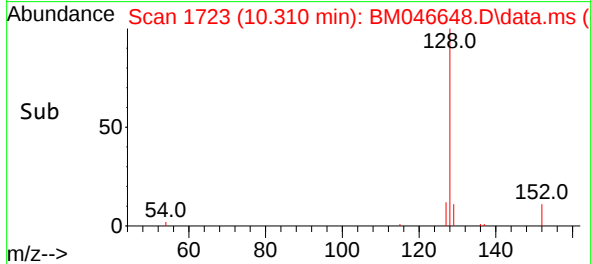
Instrument :
BNA_M
ClientSampleId :
A4D00DL



Tgt Ion:128 Resp: 90
Ion Ratio Lower Upper
128 100
129 21.9 10.3 15.5
127 19.7 12.2 18.4

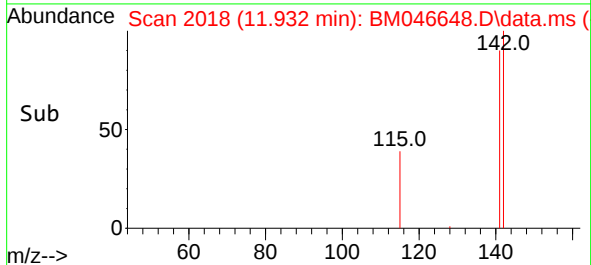
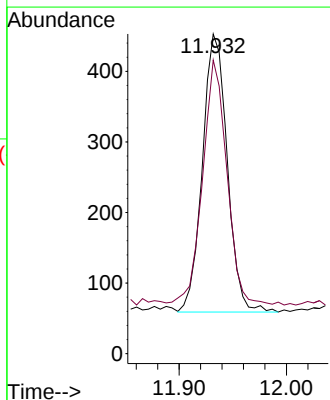
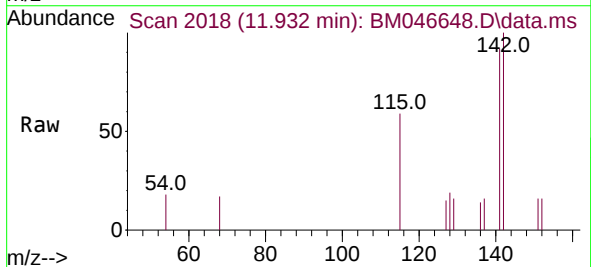
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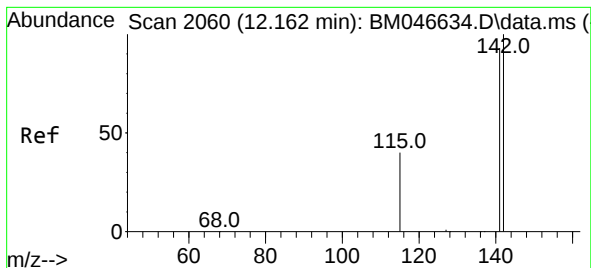
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

Tgt Ion:142 Resp: 634
Ion Ratio Lower Upper
142 100
141 86.8 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.043 ng/uI

RT: 12.157 min Scan# 2059

Delta R.T. -0.006 min

Lab File: BM046648.D

Acq: 17 Jul 2024 00:24

Instrument :

BNA_M

ClientSampleId :

A4D00DL

Tgt Ion:142 Resp: 560

Ion Ratio Lower Upper

142 100

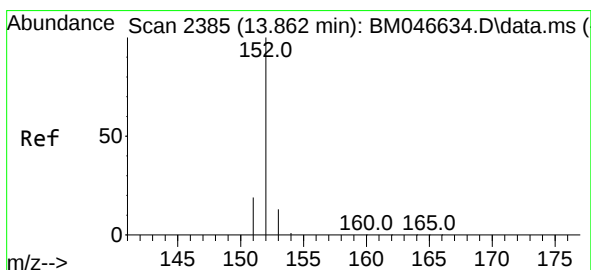
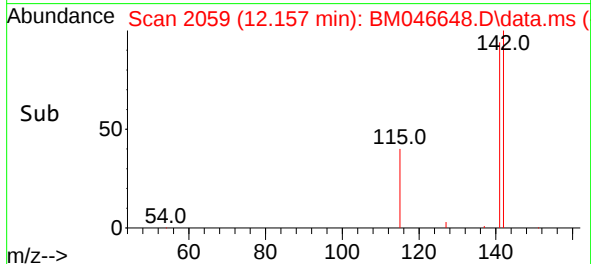
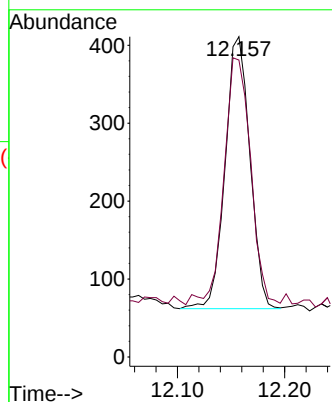
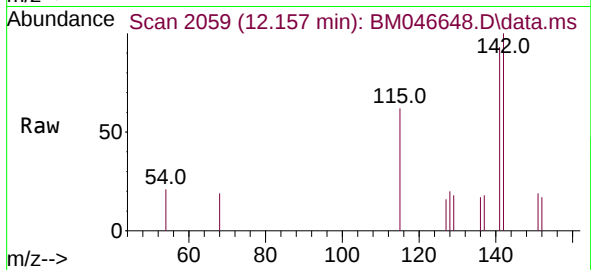
141 97.5 73.9 110.9

Manual Integrations

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#10

Acenaphthylene

Concen: 0.131 ng/uI

RT: 13.859 min Scan# 2384

Delta R.T. -0.005 min

Lab File: BM046648.D

Acq: 17 Jul 2024 00:24

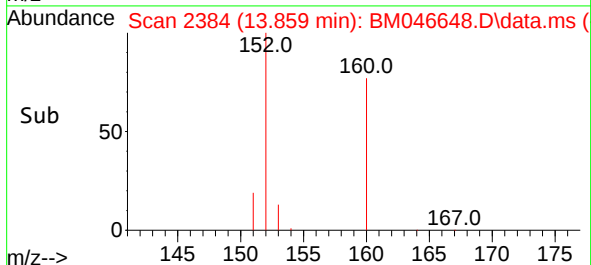
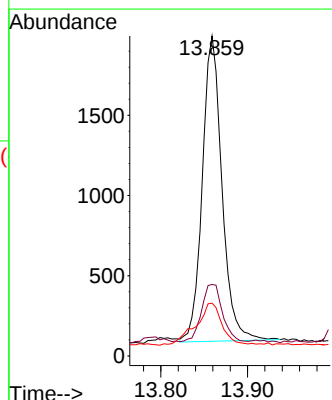
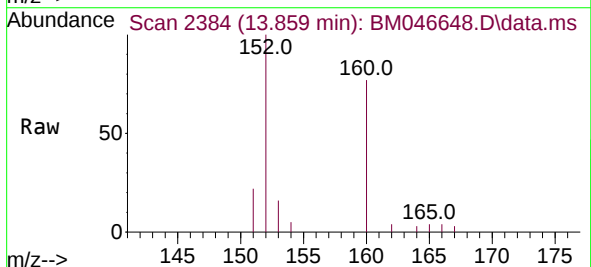
Tgt Ion:152 Resp: 3003

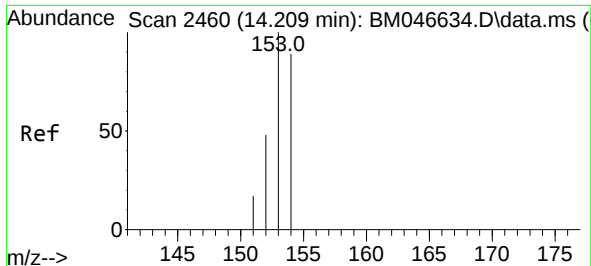
Ion Ratio Lower Upper

152 100

151 22.4 16.4 24.6

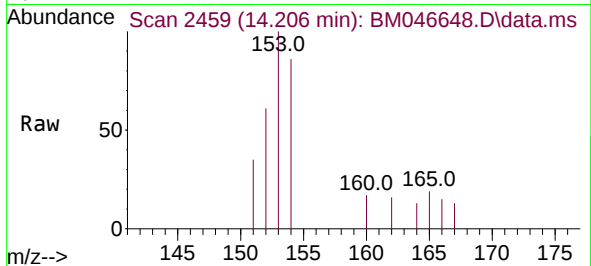
153 16.5 12.4 18.6





#11
Acenaphthene
Concen: 0.041 ng/u1
RT: 14.206 min Scan# 2460
Delta R.T. -0.005 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

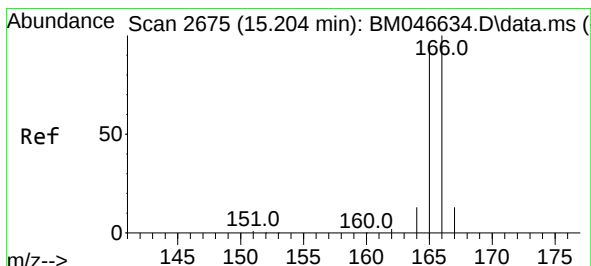
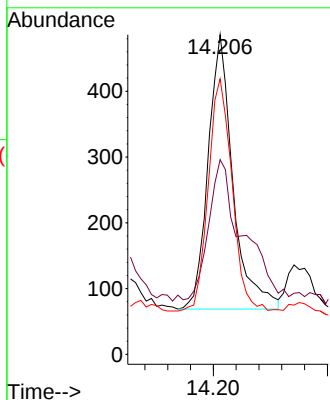
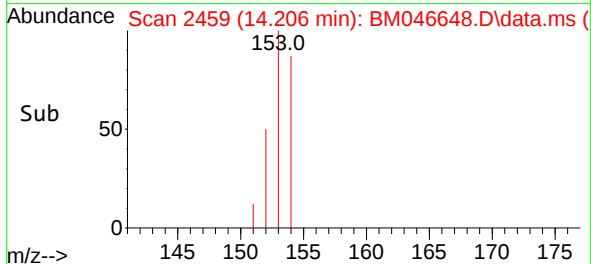
Instrument :
BNA_M
ClientSampleId :
A4D00DL



Tgt Ion:153 Resp: 630
Ion Ratio Lower Upper
153 100
152 60.9 43.0 64.6
154 86.2 69.9 104.9

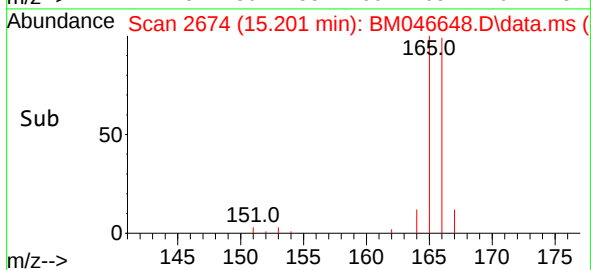
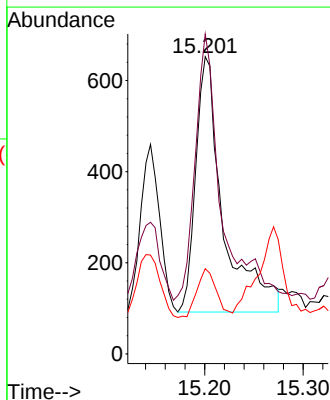
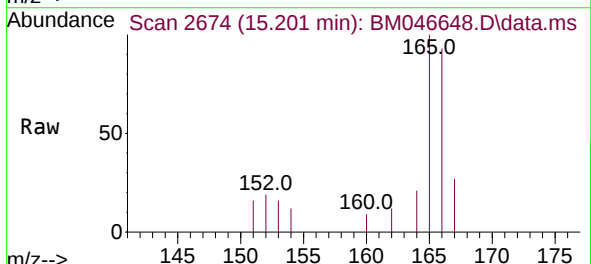
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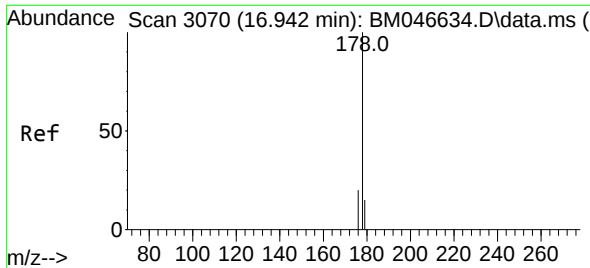
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.057 ng/u1
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

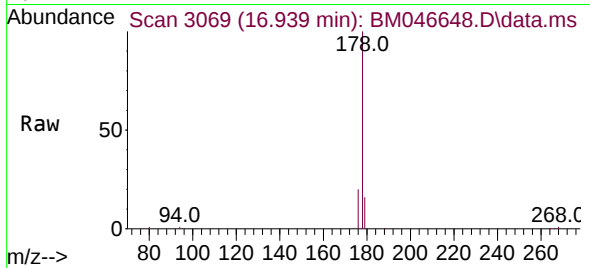
Tgt Ion:166 Resp: 1092
Ion Ratio Lower Upper
166 100
165 107.7 76.1 114.1
167 28.7 12.5 18.7#





#15
Phenanthrene
Concen: 0.687 ng/ul
RT: 16.939 min Scan# 3070
Delta R.T. -0.005 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

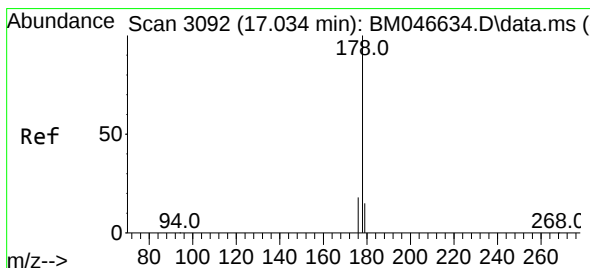
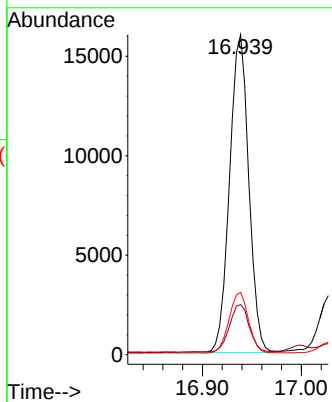
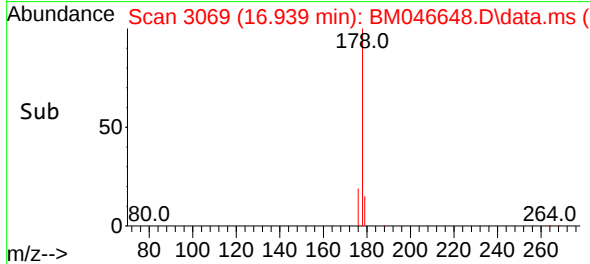
Instrument :
BNA_M
ClientSampleId :
A4D00DL



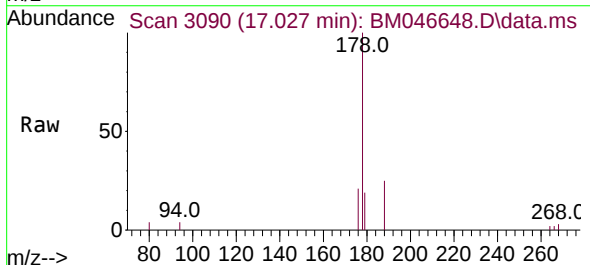
Tgt Ion:178 Resp: 21524
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.5 16.0 24.0

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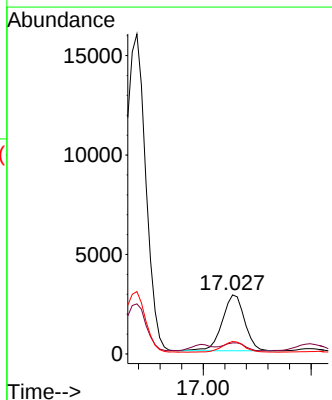
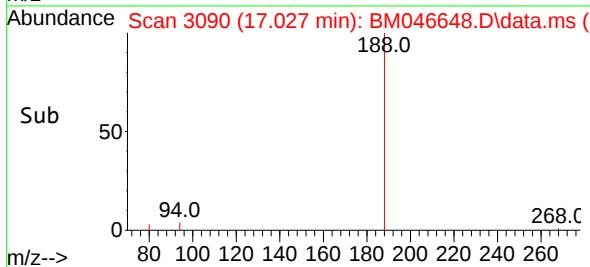
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

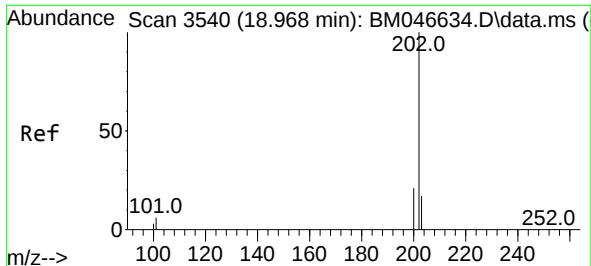


#16
Anthracene
Concen: 0.132 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24



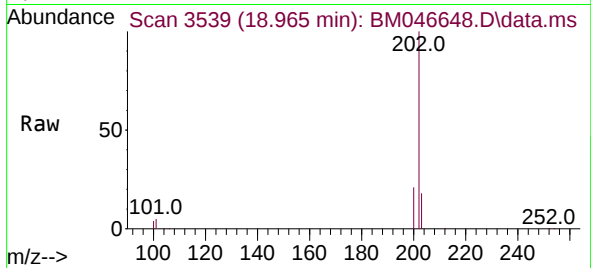
Tgt Ion:178 Resp: 4053
Ion Ratio Lower Upper
178 100
179 18.6 13.5 20.3
176 21.1 15.7 23.5





#19
Fluoranthene
Concen: 1.366 ng/u1
RT: 18.965 min Scan# 3540
Delta R.T. -0.005 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

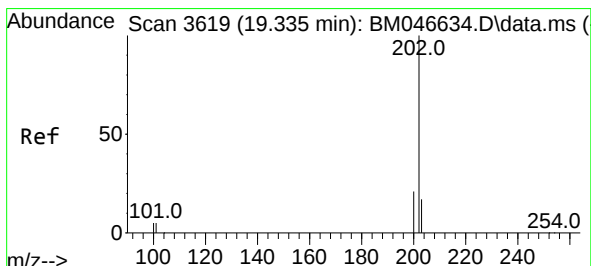
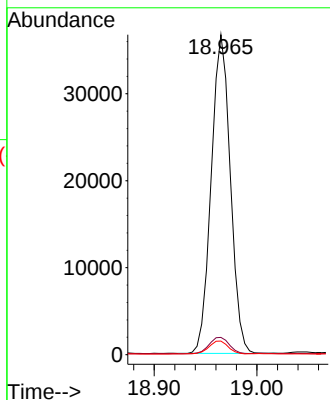
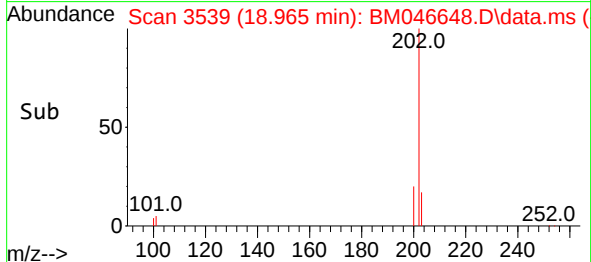
Instrument :
BNA_M
ClientSampleId :
A4D00DL



Tgt Ion:202 Resp: 47418
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.3 3.0 4.6

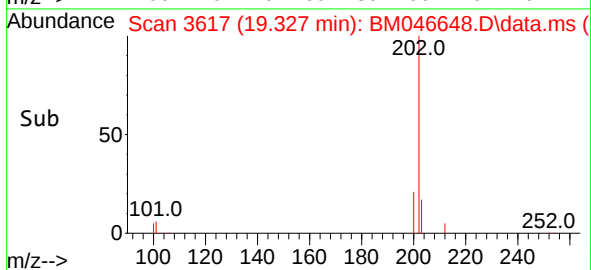
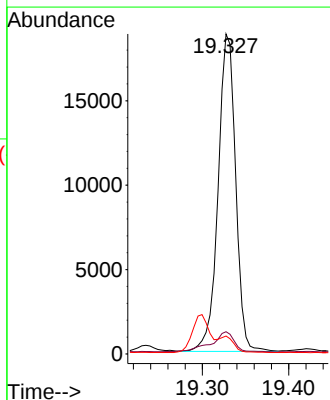
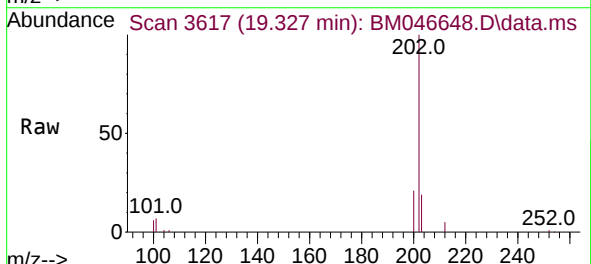
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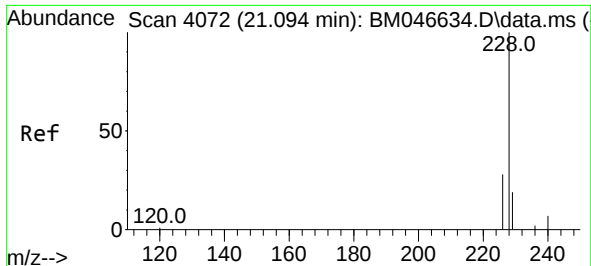
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 0.709 ng/u1
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

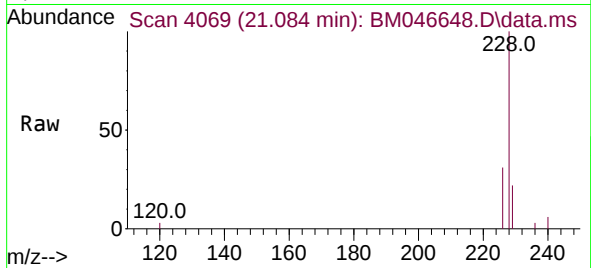
Tgt Ion:202 Resp: 26650
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.513 ng/ul
RT: 21.084 min Scan# 4072
Delta R.T. -0.003 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

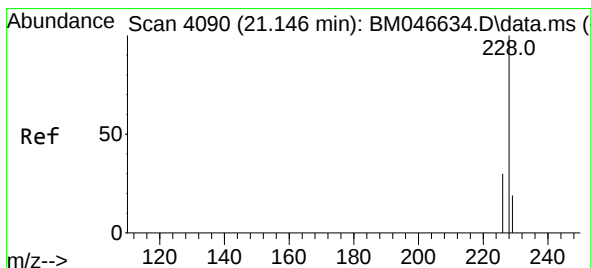
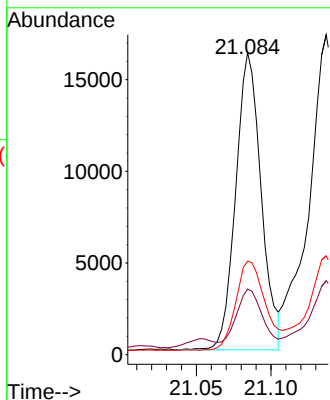
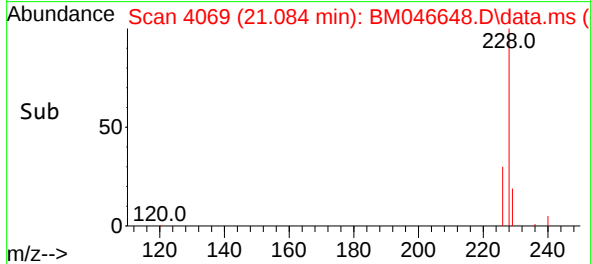
Instrument :
BNA_M
ClientSampleId :
A4D00DL



Tgt Ion:228 Resp: 1919
Ion Ratio Lower Upper
228 100
229 21.7 16.5 24.7
226 31.0 22.5 33.7

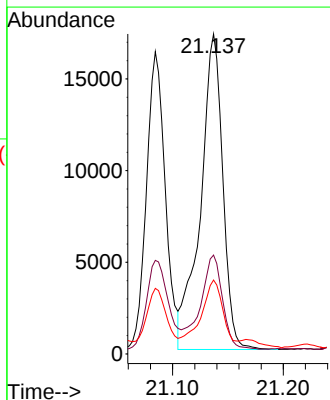
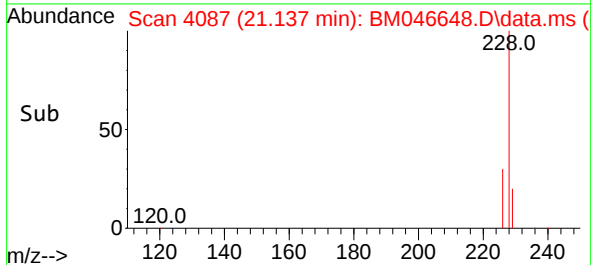
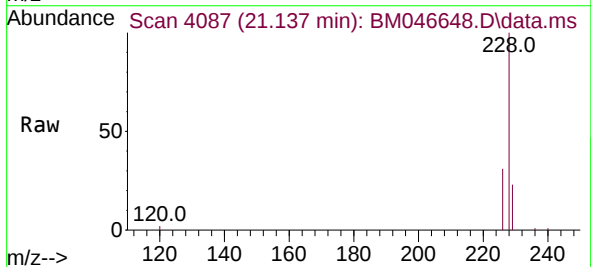
Manual Integrations
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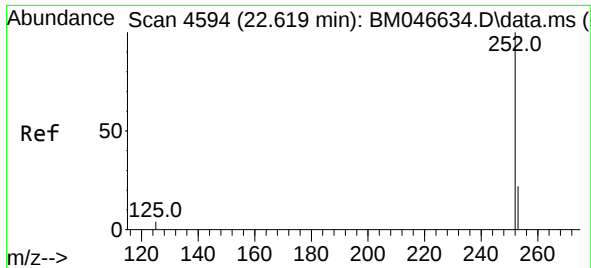
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.668 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

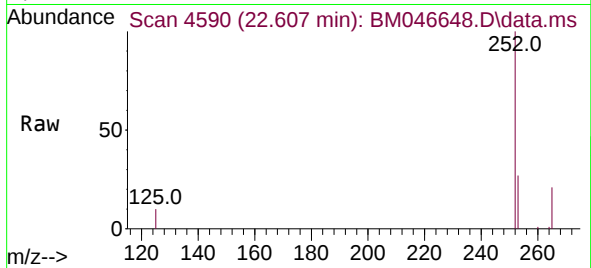
Tgt Ion:228 Resp: 24152
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 23.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.834 ng/ul m
RT: 22.607 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

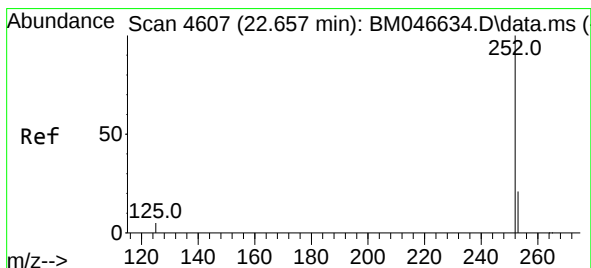
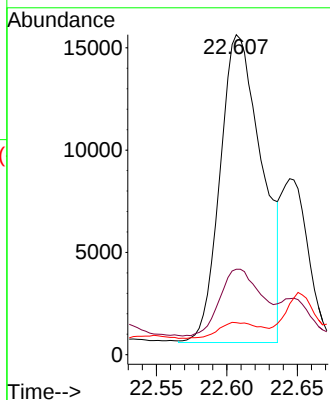
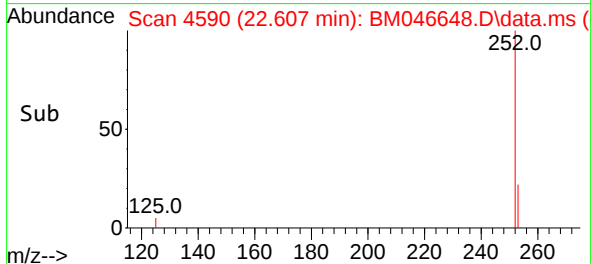
Instrument :
BNA_M
ClientSampleId :
A4D00DL



Tgt Ion:252 Resp: 3118
Ion Ratio Lower Upper
252 100
253 26.7 0.0 56.2
125 10.0 0.0 17.8

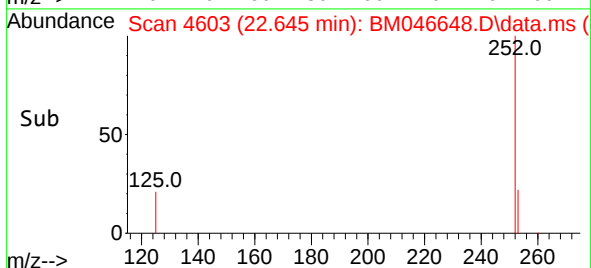
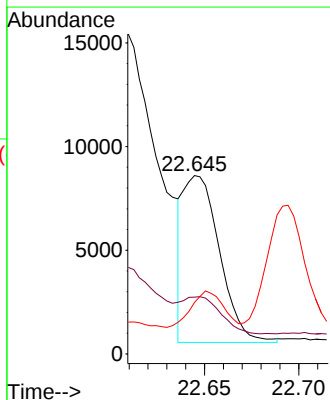
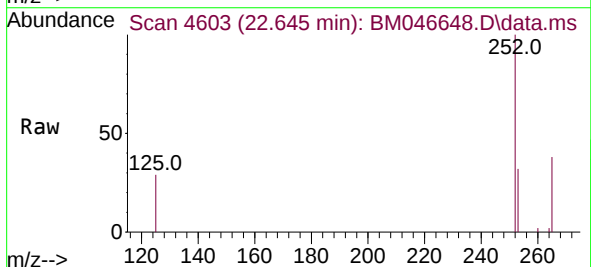
Manual Integrations
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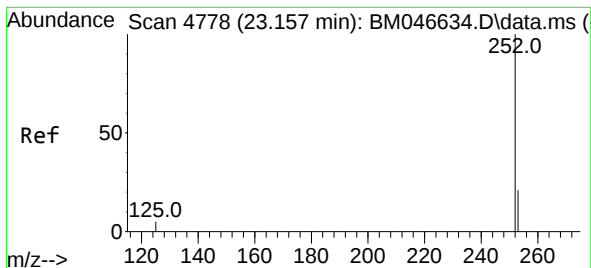
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

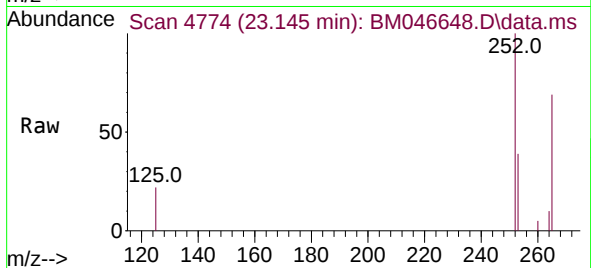
Tgt Ion:252 Resp: 10801
Ion Ratio Lower Upper
252 100
253 31.8 22.4 33.6
125 28.9 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.145 min Scan# 4778
Delta R.T. -0.006 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

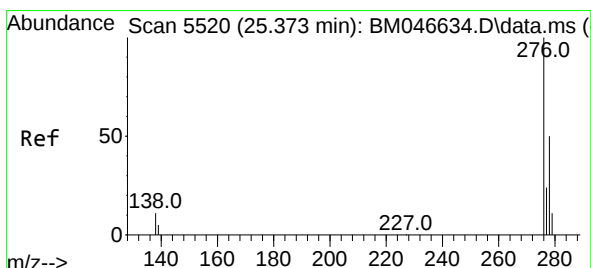
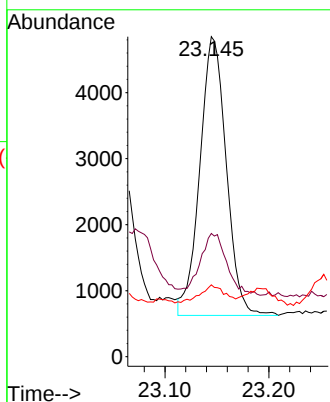
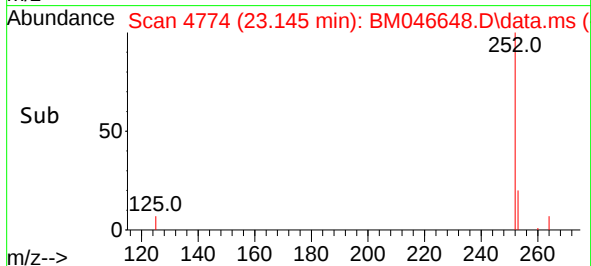
Instrument :
BNA_M
ClientSampleId :
A4D00DL



Tgt Ion:252 Resp: 745
Ion Ratio Lower Upper
252 100
253 38.5 24.0 36.0
125 22.4 8.2 12.2

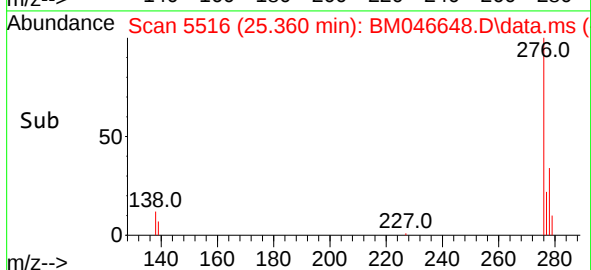
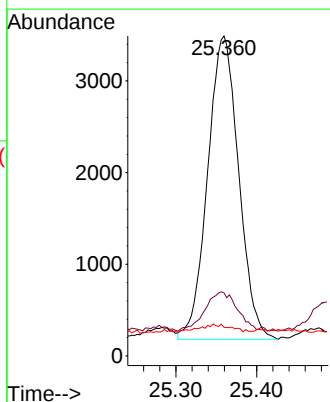
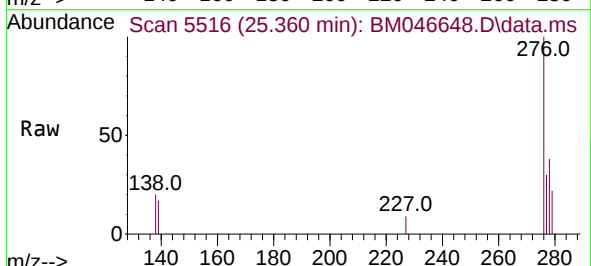
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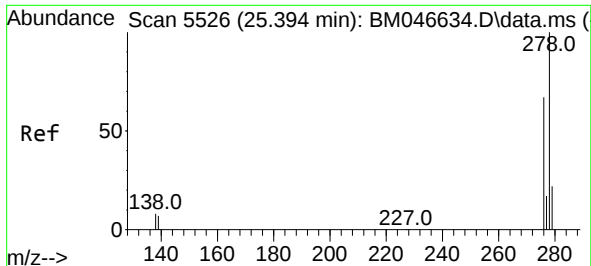
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. -0.000 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

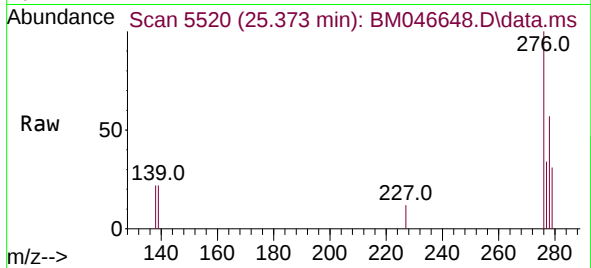
Tgt Ion:276 Resp: 8836
Ion Ratio Lower Upper
276 100
138 13.6 0.0 0.0#
227 2.8 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.373 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24

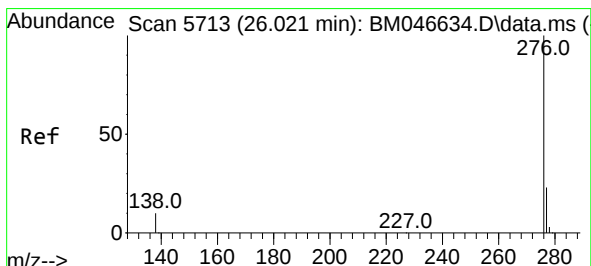
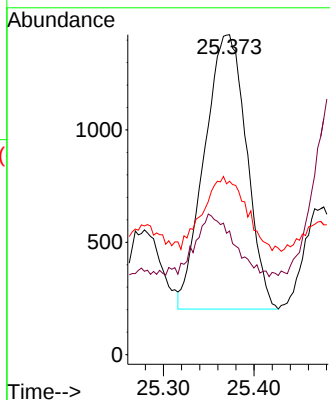
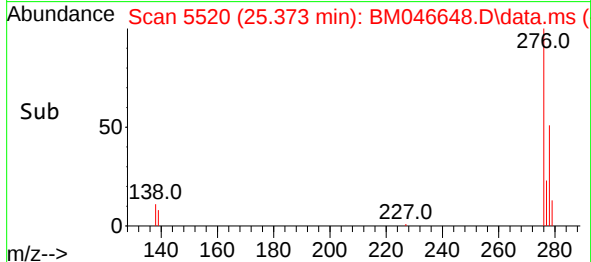
Instrument :
BNA_M
ClientSampleId :
A4D00DL



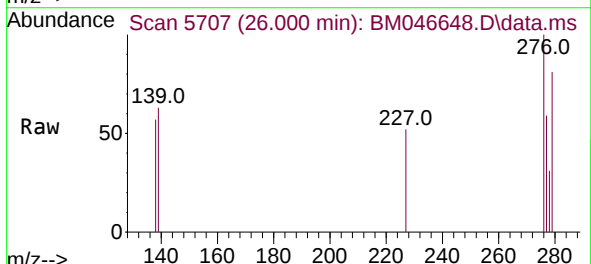
Tgt Ion:278 Resp: 393
Ion Ratio Lower Upper
278 100
139 38.6 9.1 13.7
279 54.2 23.2 34.8

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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: 0.032 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.004 min
Lab File: BM046648.D
Acq: 17 Jul 2024 00:24



Tgt Ion:276 Resp: 1197
Ion Ratio Lower Upper
276 100
138 56.7 10.2 15.4#
277 58.8 20.9 31.3#

