

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046851.D
 Acq On : 27 Jul 2024 04:20
 Operator : MA/JU
 Sample : P3264-01DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 04:51:00 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	7.463	152	3895	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	11074	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	6944	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188	16778	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	7856	0.400	ng/ul	# 0.00
23) Perylene-d12	23.204	264	8868	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1990	0.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	835	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	1231	0.048	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.270	128	2548	0.091	ng/ul	97
7) 2-Methylnaphthalene	11.898	142	1219	0.063	ng/ul	100
8) 1-Methylnaphthalene	12.118	142	772	0.039	ng/ul	99
10) Acenaphthylene	13.825	152	4906	0.154	ng/ul	97
11) Acenaphthene	14.172	153	1782	0.083	ng/ul	95
12) Fluorene	15.172	166	2147	0.080	ng/ul#	96
14) Pentachlorophenol	16.528	266	176	0.023	ng/ul#	87
15) Phenanthrene	16.908	178	58055	1.204	ng/ul	98
16) Anthracene	17.001	178	11300	0.252	ng/ul	99
19) Fluoranthene	18.940	202	80204	2.325	ng/ul	98
20) Pyrene	19.303	202	57948	1.624	ng/ul	99
21) Benzo(a)anthracene	21.061	228	34216	1.045	ng/ul	96
22) Chrysene	21.114	228	41263	1.241	ng/ul	98
24) Benzo(b)fluoranthene	22.575	252	59834m	1.537	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	20962m	0.534	ng/ul	
26) Benzo(a)pyrene	23.113	252	19192	0.687	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.306	276	21301	0.495	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.313	278	7041	0.224	ng/ul#	80
29) Benzo(g,h,i)perylene	25.947	276	3560	0.094	ng/ul#	74

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

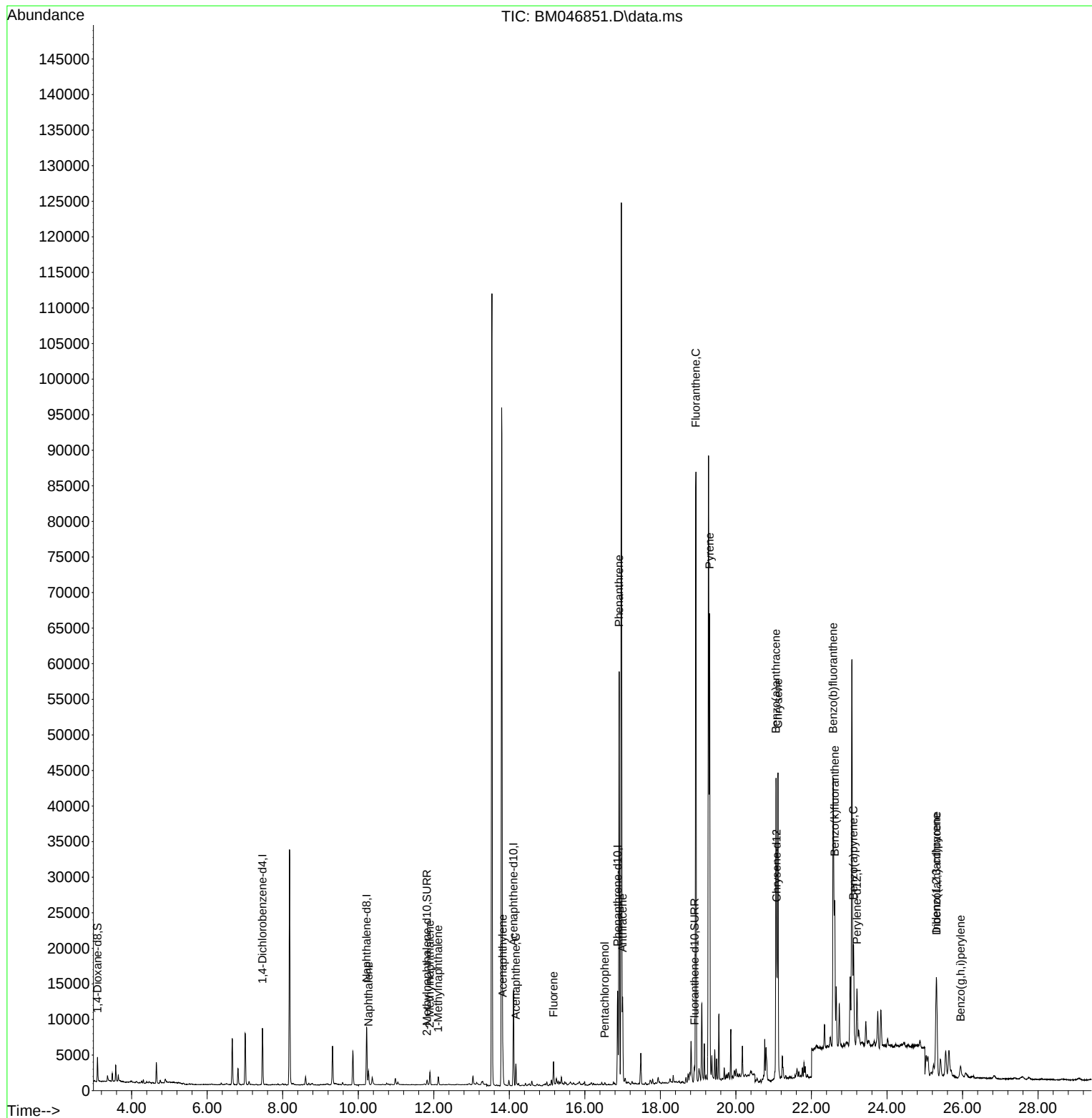
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046851.D
Acq On : 27 Jul 2024 04:20
Operator : MA/JU
Sample : P3264-01DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

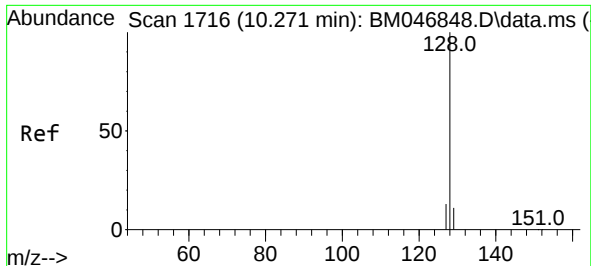
Instrument :
BNA_M
ClientSampleId :
A4CL2DL

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Supervised By :mohammad ahmed 08/05/2024

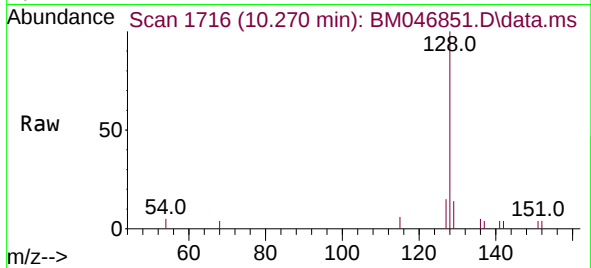
Quant Time: Jul 27 04:51:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

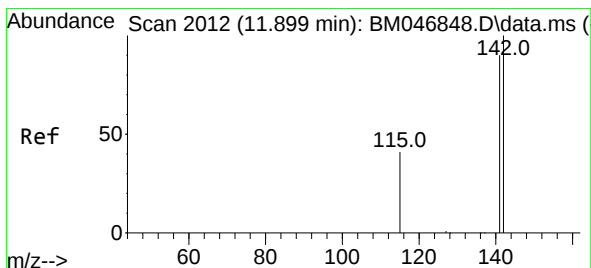
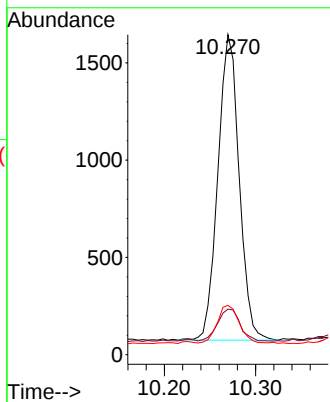
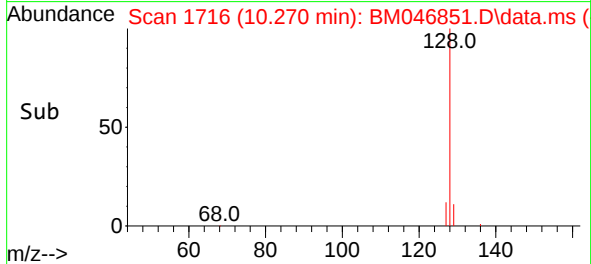
Instrument :
BNA_M
ClientSampleId :
A4CL2DL



Tgt Ion:128 Resp: 2548
Ion Ratio Lower Upper
128 100
129 14.3 10.1 15.1
127 15.4 11.5 17.3

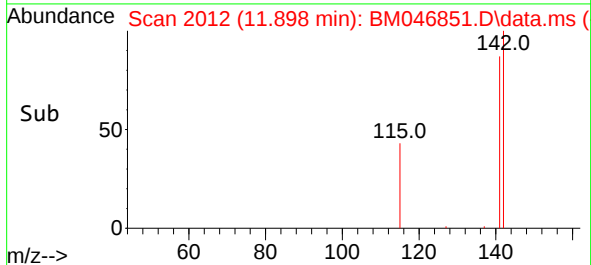
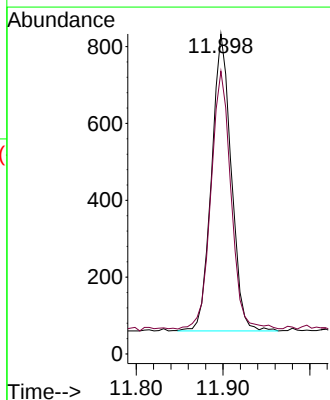
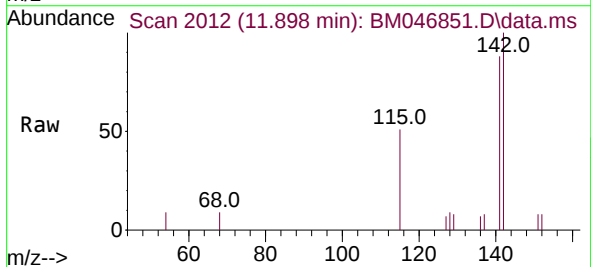
Manual Integrations
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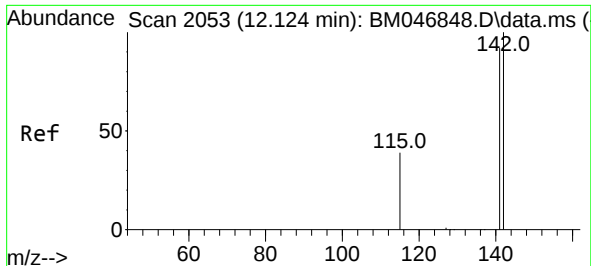
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.007 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

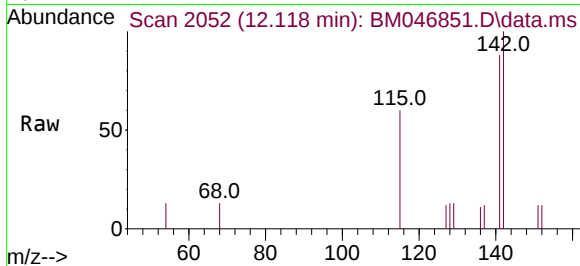
Tgt Ion:142 Resp: 1219
Ion Ratio Lower Upper
142 100
141 88.0 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.118 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

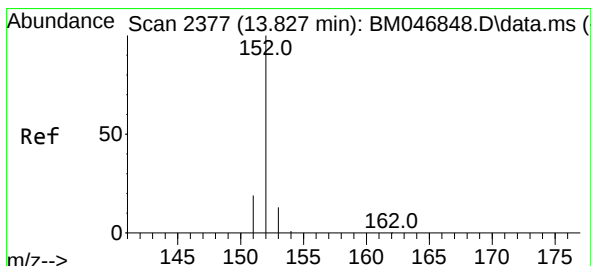
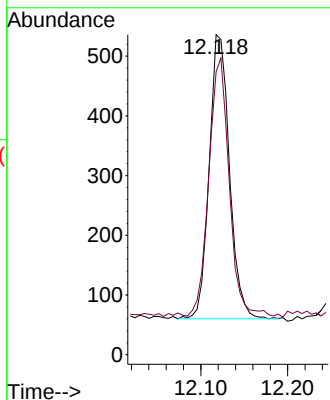
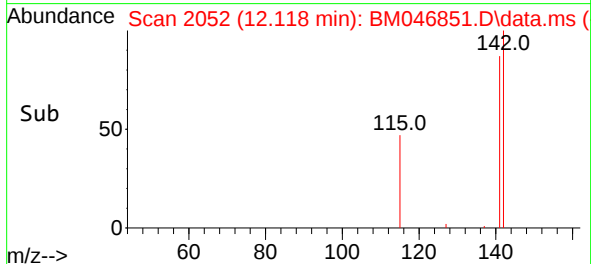
Instrument :
BNA_M
ClientSampleId :
A4CL2DL



Tgt Ion:142 Resp: 772
Ion Ratio Lower Upper
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141 90.7 73.1 109.7

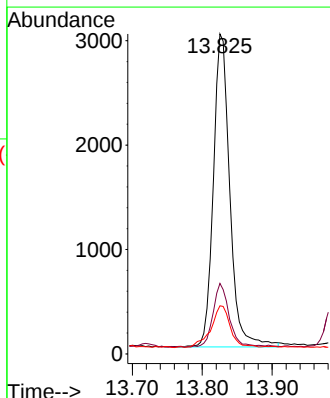
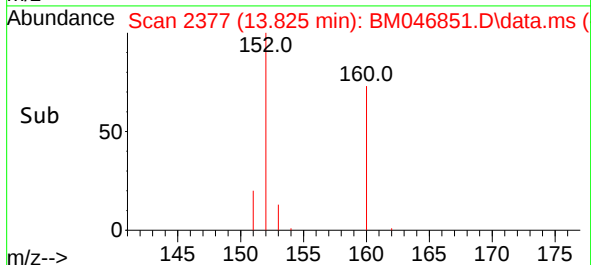
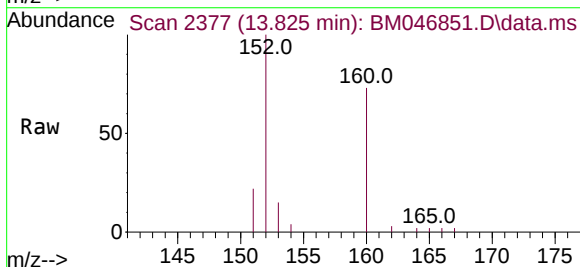
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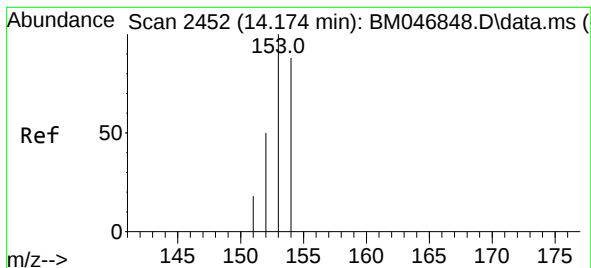
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.154 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

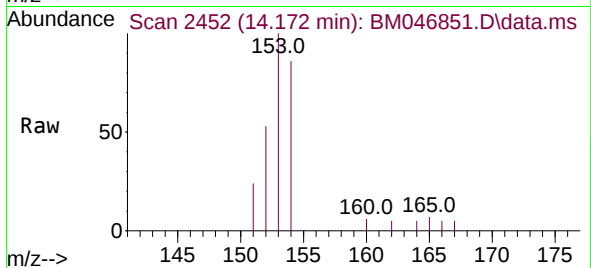
Tgt Ion:152 Resp: 4906
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2
153 15.0 11.0 16.6





#11
Acenaphthene
Concen: 0.083 ng/u1
RT: 14.172 min Scan# 2452
Delta R.T. -0.011 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

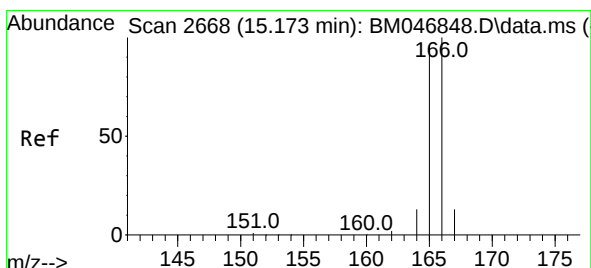
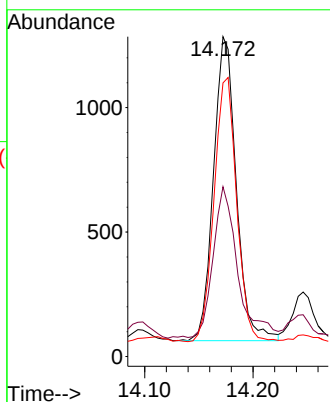
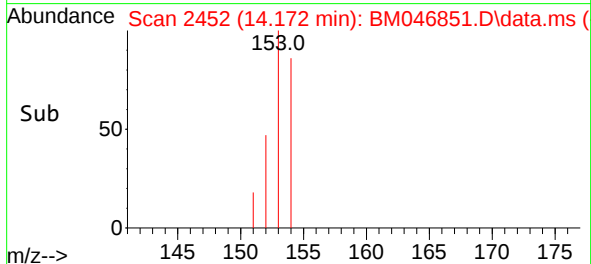
Instrument :
BNA_M
ClientSampleId :
A4CL2DL



Tgt Ion:153 Resp: 1782
Ion Ratio Lower Upper
153 100
152 53.1 38.6 57.8
154 85.5 70.8 106.2

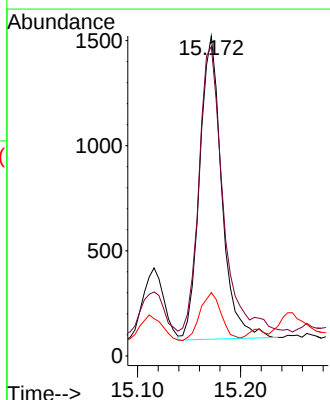
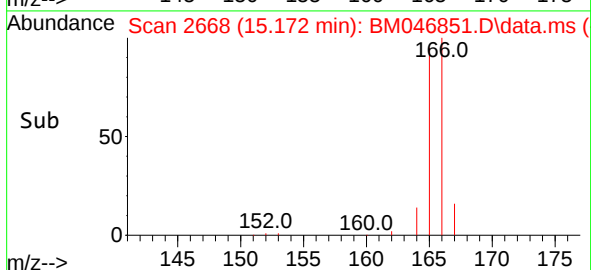
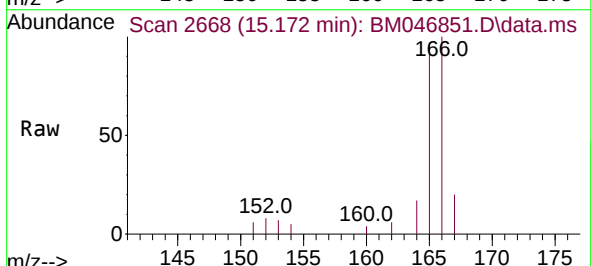
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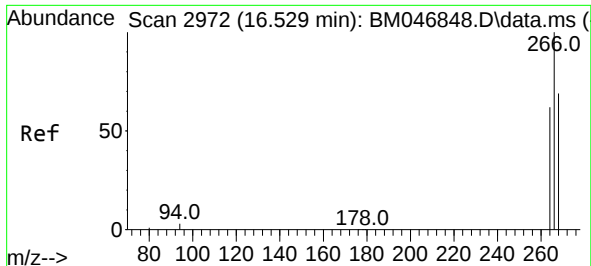
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.080 ng/u1
RT: 15.172 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

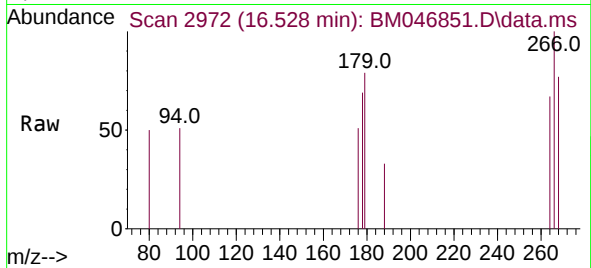
Tgt Ion:166 Resp: 2147
Ion Ratio Lower Upper
166 100
165 96.7 79.8 119.6
167 19.8 12.3 18.5#





#14
Pentachlorophenol
Concen: 0.023 ng/uI
RT: 16.528 min Scan# 2972
Delta R.T. -0.006 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

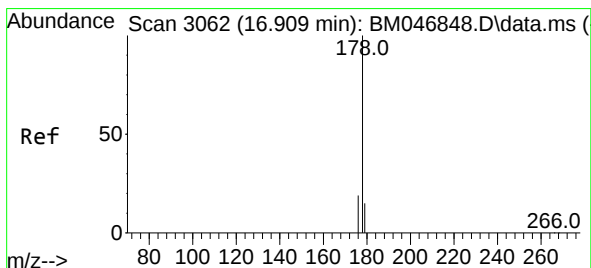
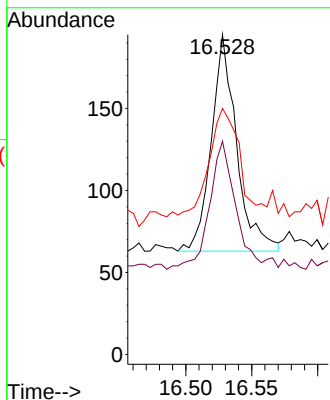
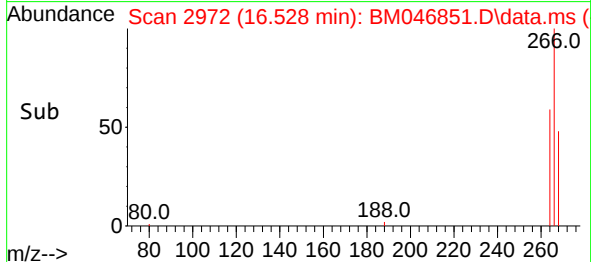
Instrument :
BNA_M
ClientSampleId :
A4CL2DL



Tgt Ion:266 Resp: 170
Ion Ratio Lower Upper
266 100
264 62.5 51.1 76.7
268 83.0 51.8 77.6

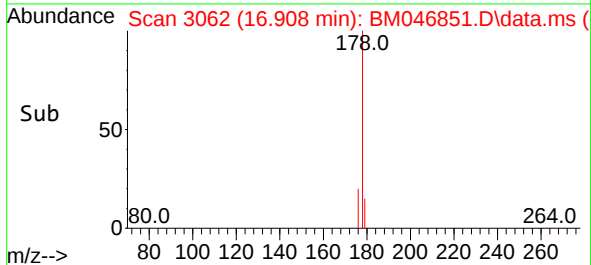
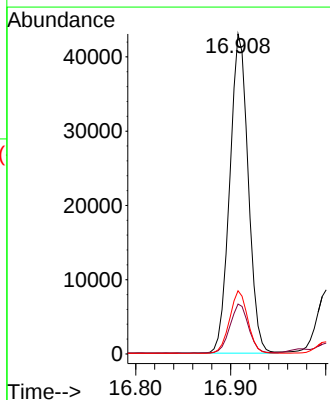
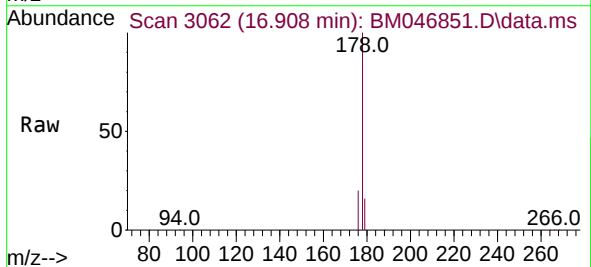
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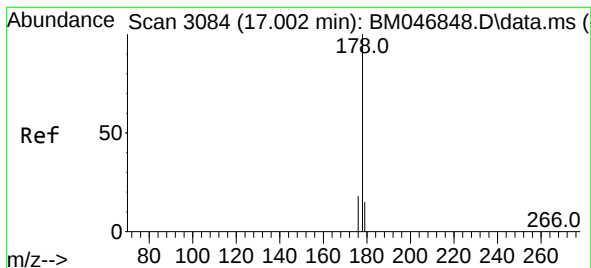
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#15
Phenanthrene
Concen: 1.204 ng/uI
RT: 16.908 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

Tgt Ion:178 Resp: 58055
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.8 16.1 24.1





#16

Anthracene

Concen: 0.252 ng/ul

RT: 17.001 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

Instrument :

BNA_M

ClientSampleId :

A4CL2DL

Tgt Ion:178 Resp: 11300

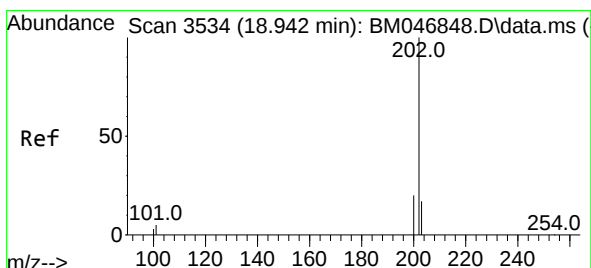
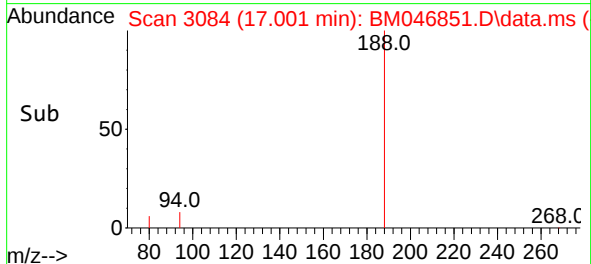
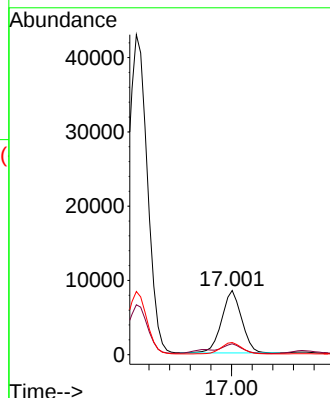
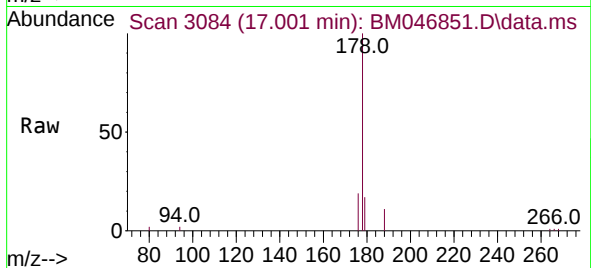
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.1	19.7
176	19.1	15.0	22.6

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#19

Fluoranthene

Concen: 2.325 ng/ul

RT: 18.940 min Scan# 3534

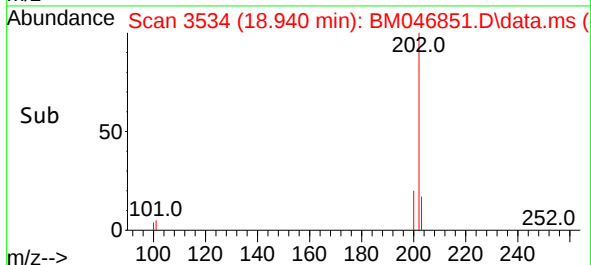
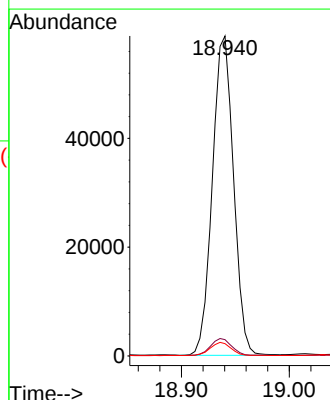
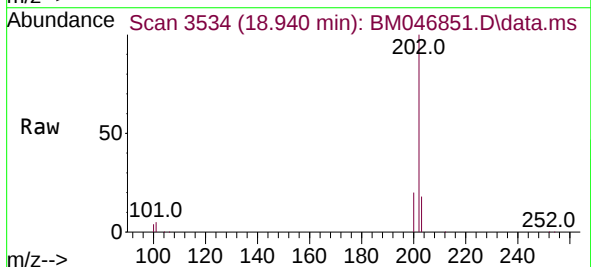
Delta R.T. -0.001 min

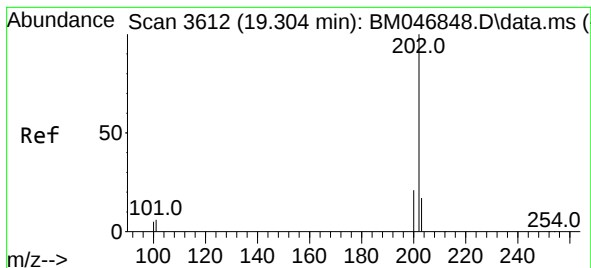
Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

Tgt Ion:202 Resp: 80204

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.7	7.1
100	3.9	3.4	5.2





#20

Pyrene

Concen: 1.624 ng/ul

RT: 19.303 min Scan# 3612

Delta R.T. -0.001 min

Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

Instrument :

BNA_M

ClientSampleId :

A4CL2DL

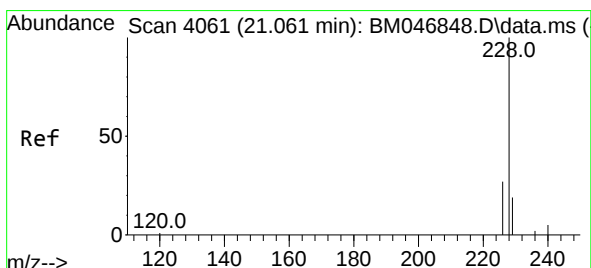
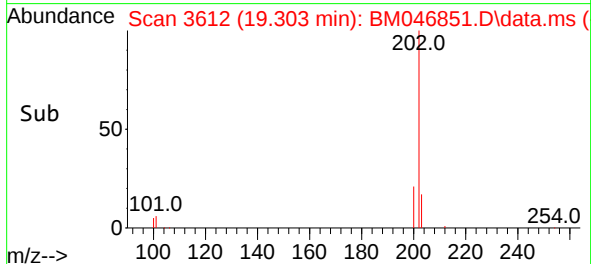
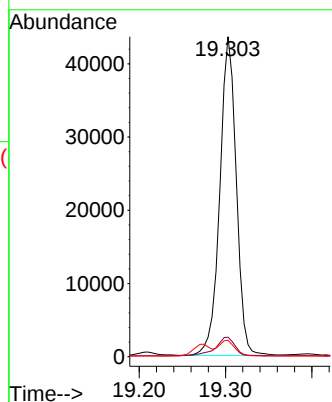
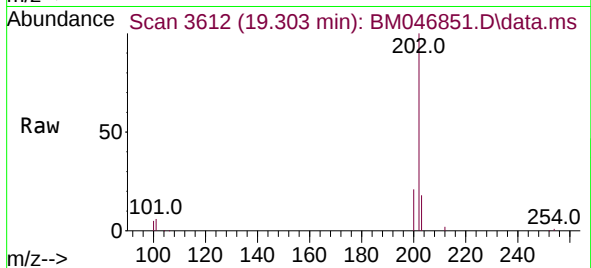
Tgt Ion:	202	Resp:	5794
Ion Ratio	Lower	Upper	
202	100		
101	6.1	5.2	7.8
100	5.1	4.3	6.5

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#21

Benzo(a)anthracene

Concen: 1.045 ng/ul

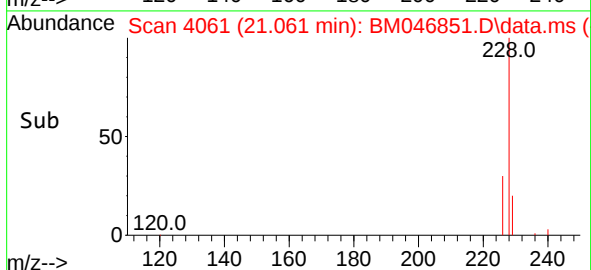
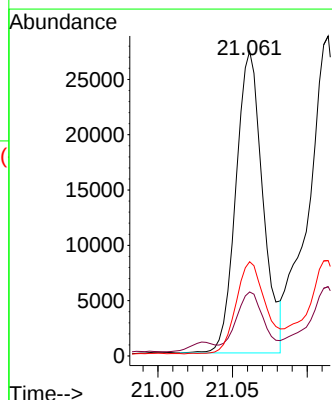
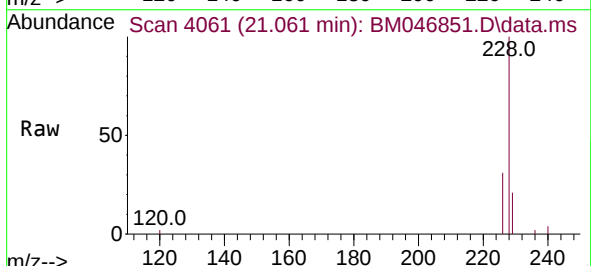
RT: 21.061 min Scan# 4061

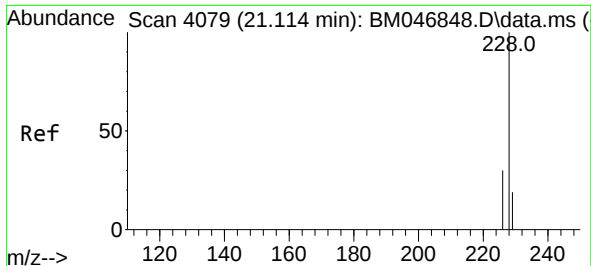
Delta R.T. -0.003 min

Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

Tgt Ion:	228	Resp:	34216
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.3	24.5
226	30.9	22.3	33.5





#22

Chrysene

Concen: 1.241 ng/ul

RT: 21.114 min Scan# 4079

Delta R.T. -0.003 min

Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

Instrument :

BNA_M

ClientSampleId :

A4CL2DL

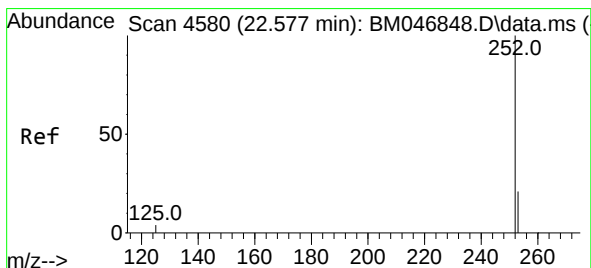
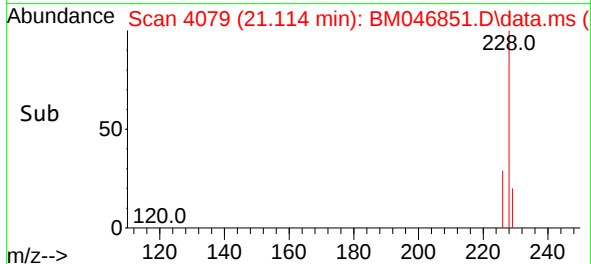
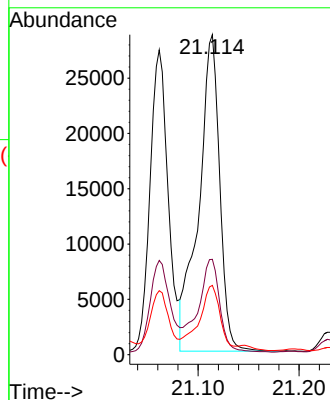
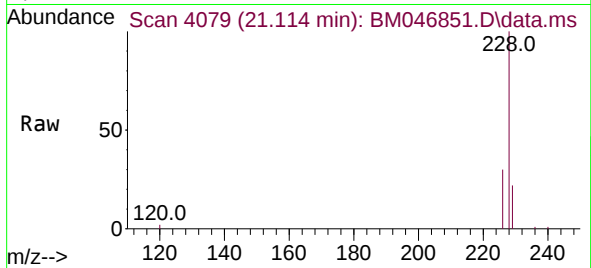
Tgt Ion:228 Resp: 41263
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.5 36.7
 229 21.6 16.2 24.2

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 1.537 ng/ul m

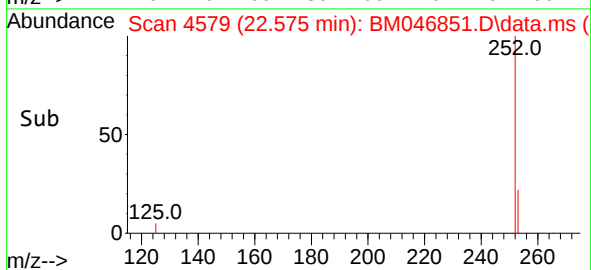
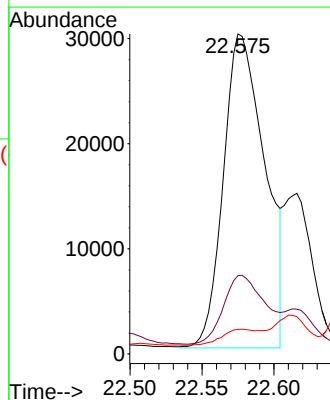
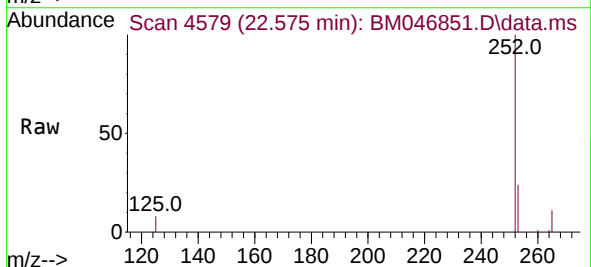
RT: 22.575 min Scan# 4579

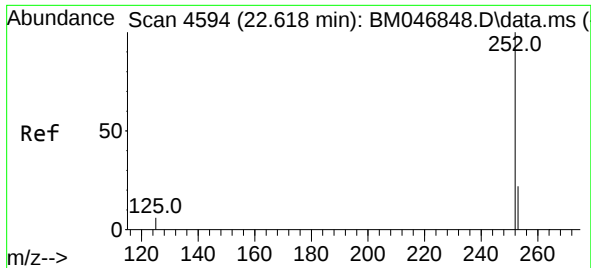
Delta R.T. -0.005 min

Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

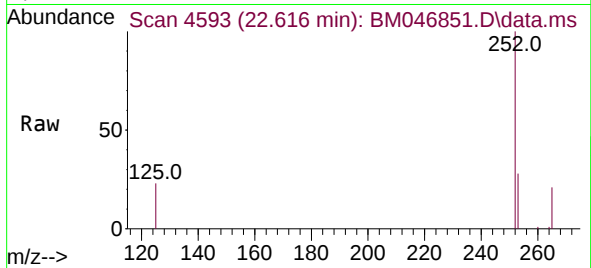
Tgt Ion:252 Resp: 59834
 Ion Ratio Lower Upper
 252 100
 253 24.4 0.0 56.4
 125 7.7 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 0.534 ng/ul m
RT: 22.616 min Scan# 4594
Delta R.T. -0.005 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

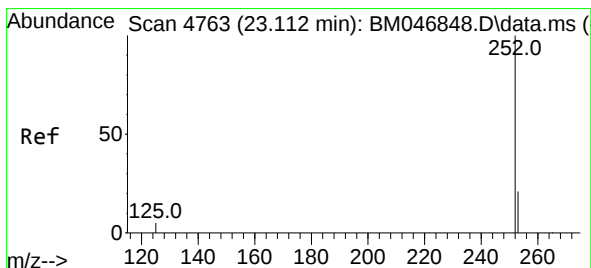
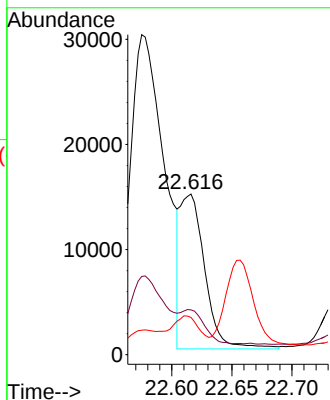
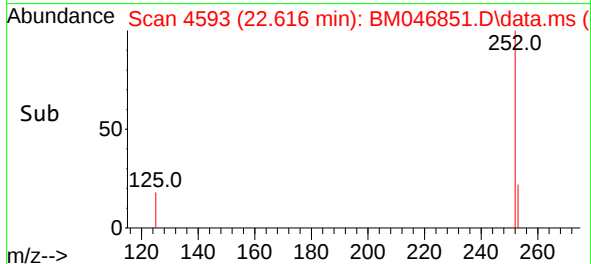
Instrument :
BNA_M
ClientSampleId :
A4CL2DL



Tgt Ion:252 Resp: 20962
Ion Ratio Lower Upper
252 100
253 27.9 23.5 35.3
125 23.2 8.6 13.0

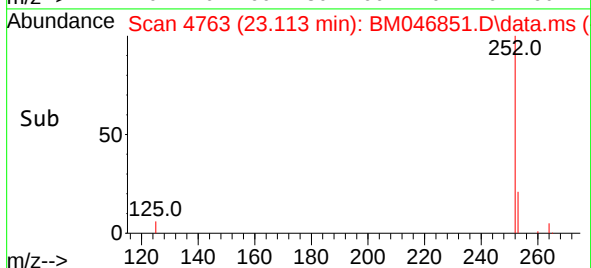
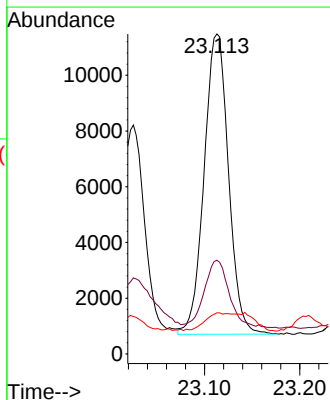
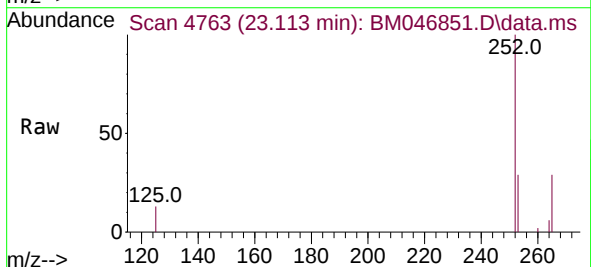
Manual Integrations
APPROVED

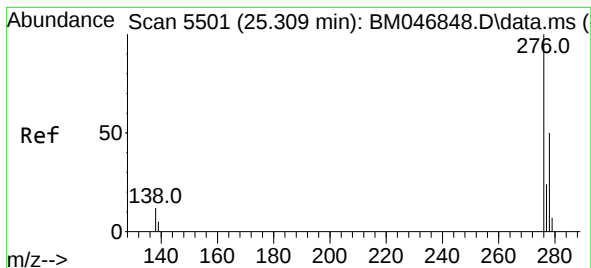
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 0.687 ng/ul
RT: 23.113 min Scan# 4763
Delta R.T. -0.005 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

Tgt Ion:252 Resp: 19192
Ion Ratio Lower Upper
252 100
253 29.3 26.0 39.0
125 12.9 7.8 11.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.495 ng/ul

RT: 25.306 min Scan# 5501

Delta R.T. -0.010 min

Lab File: BM046851.D

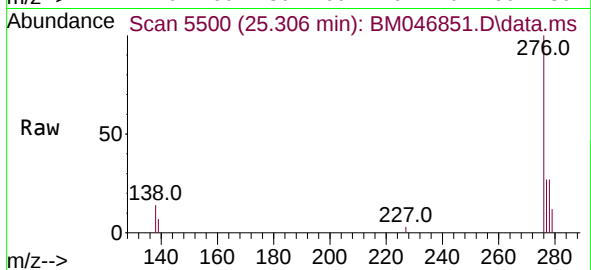
Acq: 27 Jul 2024 04:20

Instrument :

BNA_M

ClientSampleId :

A4CL2DL



Tgt Ion:276 Resp: 2130

Ion Ratio Lower Upper

276 100

138 14.3 9.7 14.5

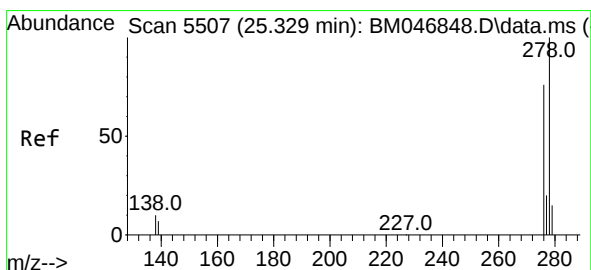
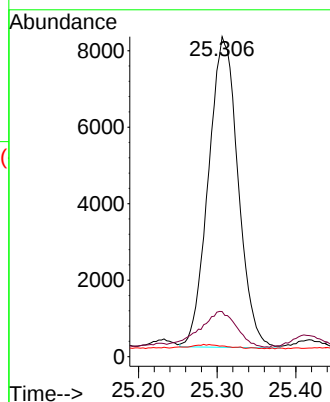
227 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.224 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.020 min

Lab File: BM046851.D

Acq: 27 Jul 2024 04:20

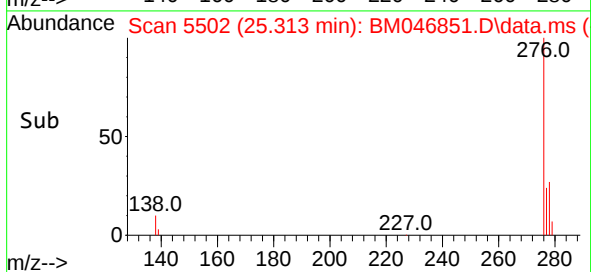
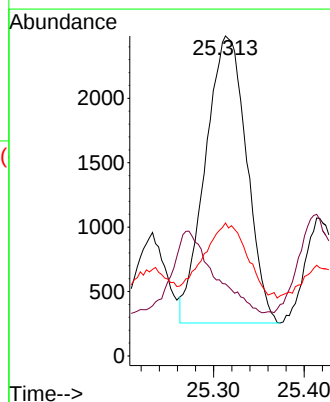
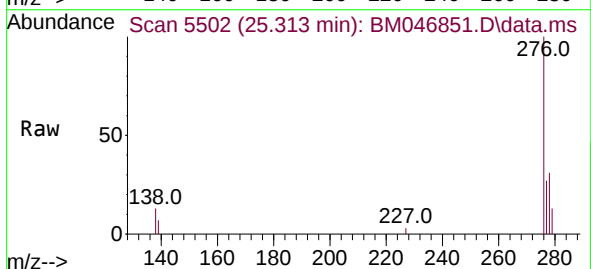
Tgt Ion:278 Resp: 7041

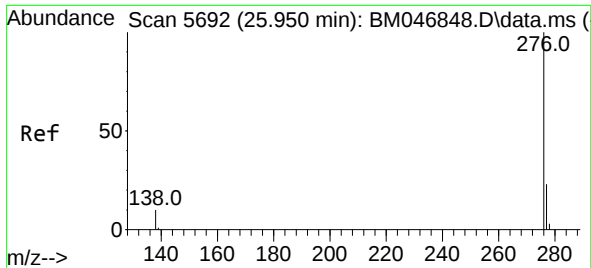
Ion Ratio Lower Upper

278 100

139 22.5 9.8 14.8#

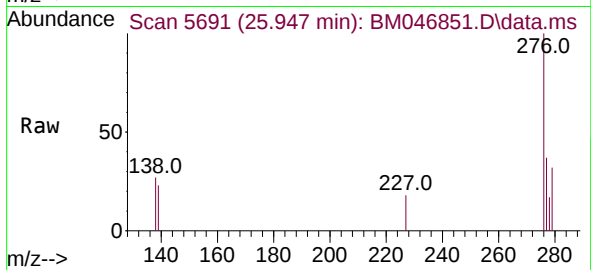
279 41.5 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 25.947 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM046851.D
Acq: 27 Jul 2024 04:20

Instrument :
BNA_M
ClientSampleId :
A4CL2DL



Tgt Ion:276 Resp: 3560
Ion Ratio Lower Upper
276 100
138 26.5 9.5 14.3
277 36.7 20.9 31.3

Manual Integrations
APPROVED

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

