

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046847.D
 Acq On : 27 Jul 2024 01:15
 Operator : MA/JU
 Sample : P3263-02DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 02:30:12 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	3729	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	17125	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	11410	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	22995	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	10888	0.400	ng/ul	# 0.00
23) Perylene-d12	23.210	264	10435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2196	0.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	1592	0.058	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	3131	0.088	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	5673	0.131	ng/ul	98
7) 2-Methylnaphthalene	11.898	142	2760	0.093	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	2401	0.078	ng/ul	98
10) Acenaphthylene	13.830	152	8417	0.161	ng/ul	97
11) Acenaphthene	14.177	153	12245	0.345	ng/ul	99
12) Fluorene	15.172	166	14939	0.337	ng/ul	97
15) Phenanthrene	16.912	178	321938	4.871	ng/ul	97
16) Anthracene	17.001	178	54833	0.891	ng/ul	99
19) Fluoranthene	18.941	202	586679	12.269	ng/ul#	97
20) Pyrene	19.303	202	389953	7.883	ng/ul#	95
21) Benzo(a)anthracene	21.065	228	178607	3.937	ng/ul	99
22) Chrysene	21.117	228	184403	4.001	ng/ul	98
24) Benzo(b)fluoranthene	22.581	252	215894m	4.713	ng/ul	
25) Benzo(k)fluoranthene	22.619	252	70720m	1.532	ng/ul	
26) Benzo(a)pyrene	23.119	252	77924	2.369	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.310	276	76340	1.508	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.320	278	23479	0.634	ng/ul#	94
29) Benzo(g,h,i)perylene	25.954	276	11989	0.269	ng/ul#	84

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

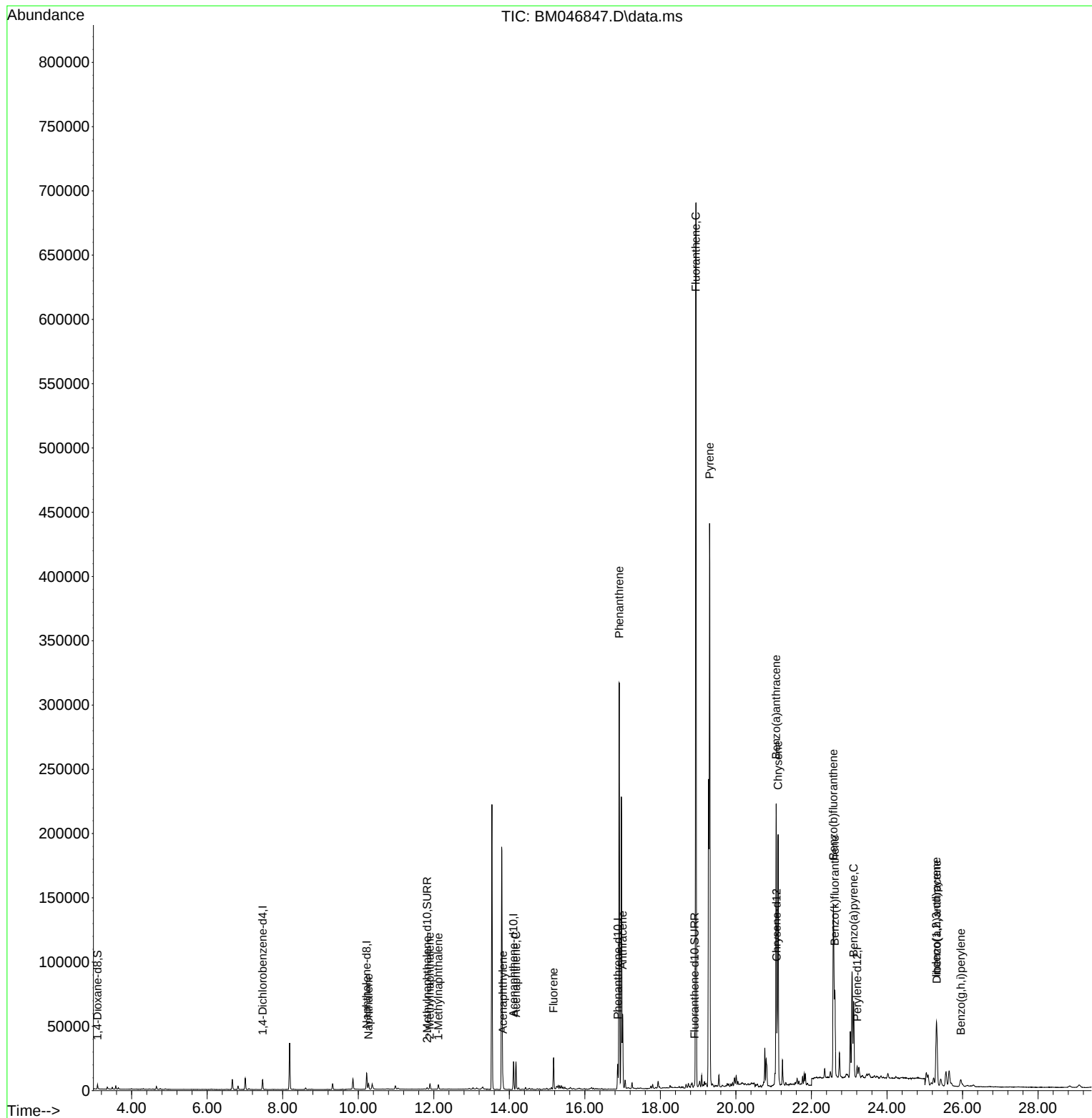
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
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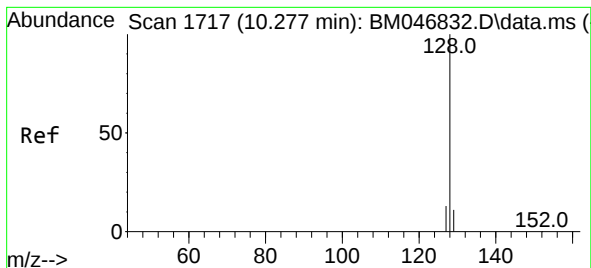
Instrument :
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ClientSampleId :
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#5

Naphthalene

Concen: 0.131 ng/ul

RT: 10.270 min Scan# 1

Delta R.T. -0.007 min

Lab File: BM046847.D

Acq: 27 Jul 2024 01:15

Instrument :

BNA_M

ClientSampleId :

A4BA2DL

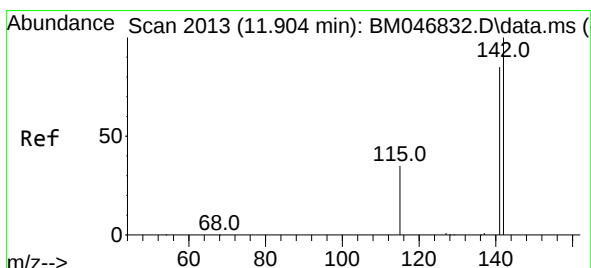
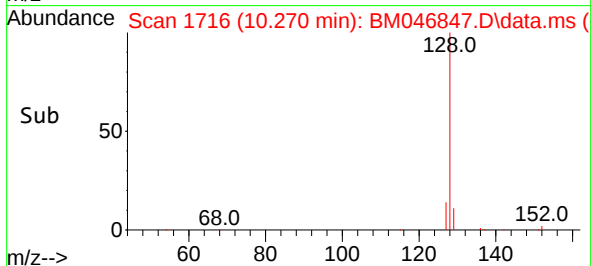
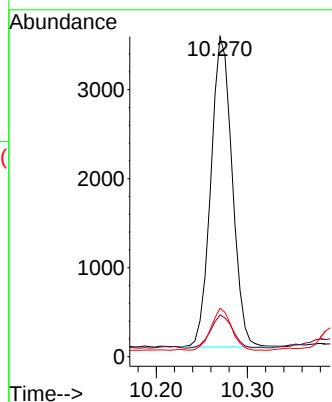
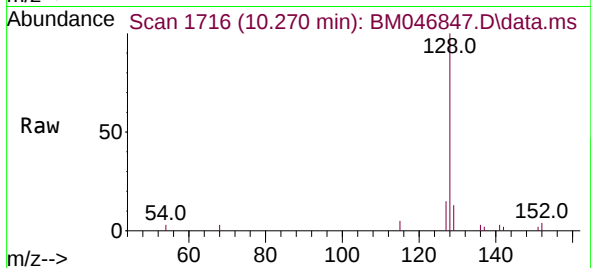
Tgt Ion:128	Resp:	567
Ion Ratio	Lower	Upper
128	100	
129	13.0	10.1 15.1
127	15.2	11.5 17.3

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#7

2-Methylnaphthalene

Concen: 0.093 ng/ul

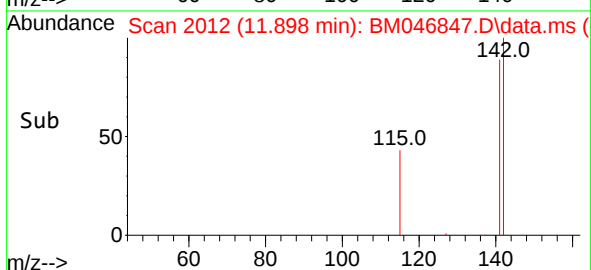
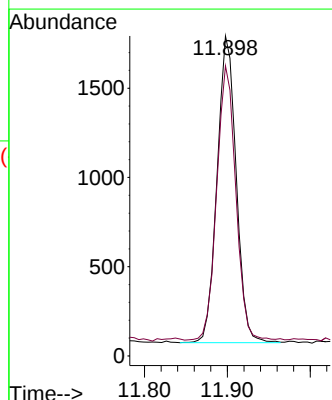
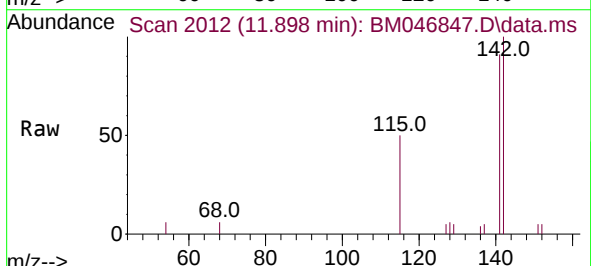
RT: 11.898 min Scan# 2012

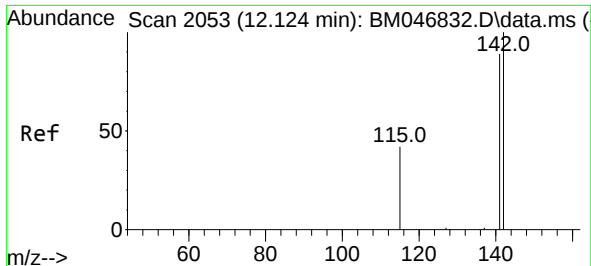
Delta R.T. -0.007 min

Lab File: BM046847.D

Acq: 27 Jul 2024 01:15

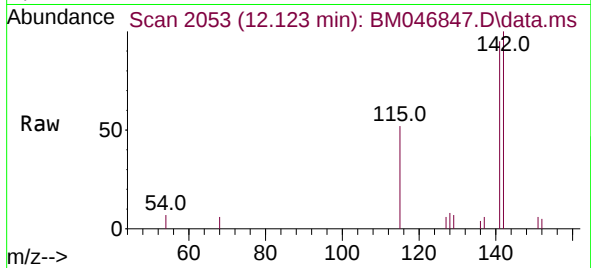
Tgt Ion:142	Resp:	2760
Ion Ratio	Lower	Upper
142	100	
141	89.1	70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

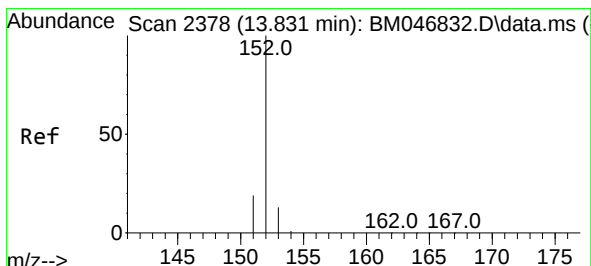
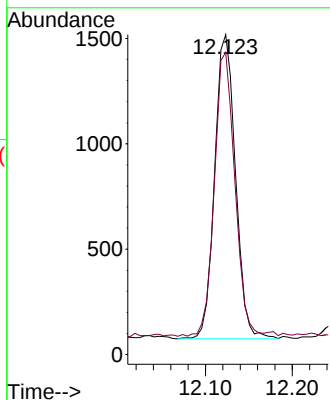
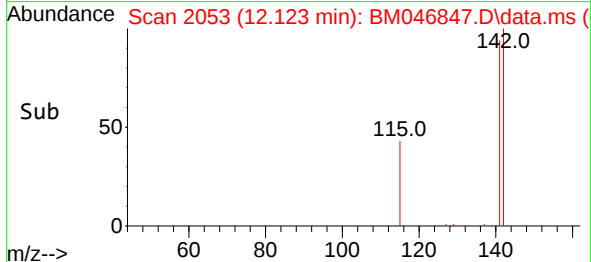
Instrument :
BNA_M
ClientSampleId :
A4BA2DL



Tgt Ion:142 Resp: 240
Ion Ratio Lower Upper
142 100
141 92.8 73.1 109.7

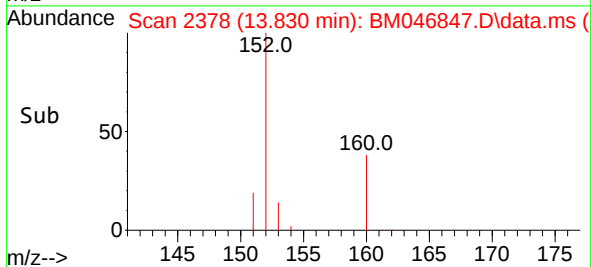
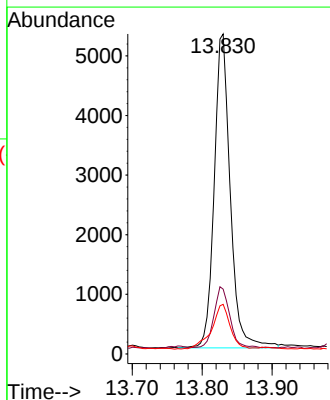
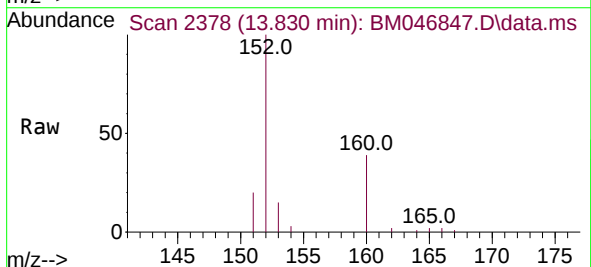
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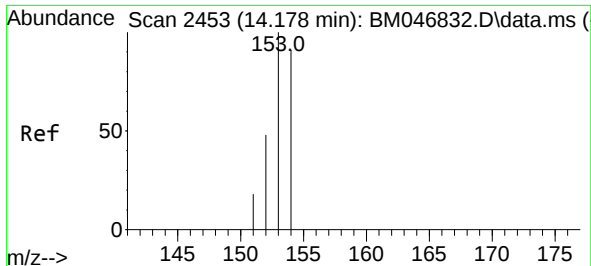
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.161 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

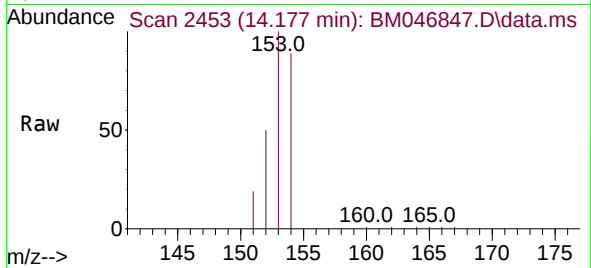
Tgt Ion:152 Resp: 8417
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 15.5 11.0 16.6





#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

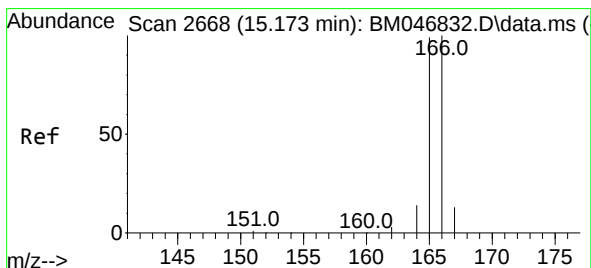
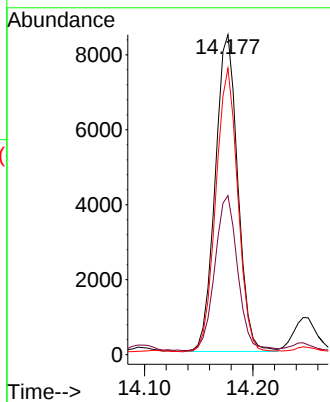
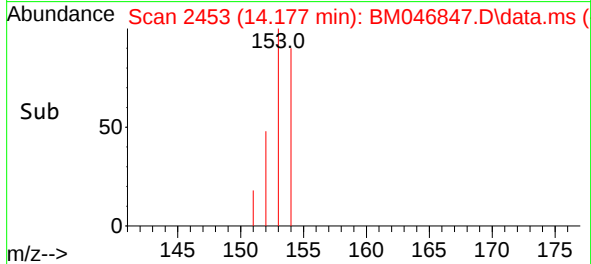
Instrument :
BNA_M
ClientSampleId :
A4BA2DL



Tgt Ion:153 Resp: 12249
Ion Ratio Lower Upper
153 100
152 49.7 38.6 57.8
154 89.5 70.8 106.2

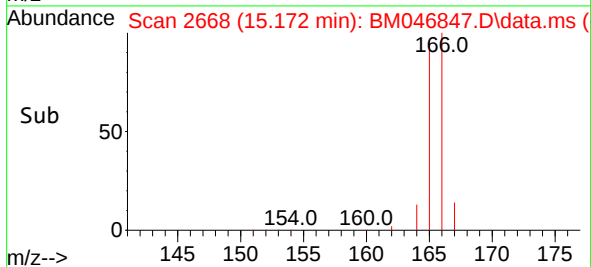
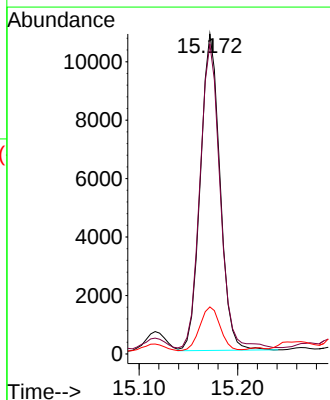
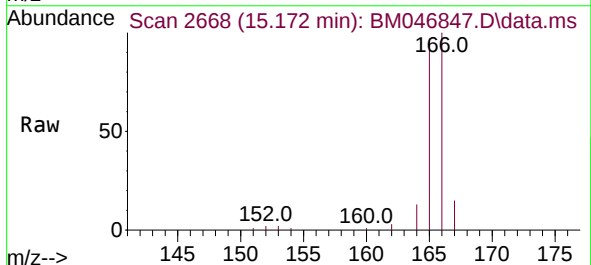
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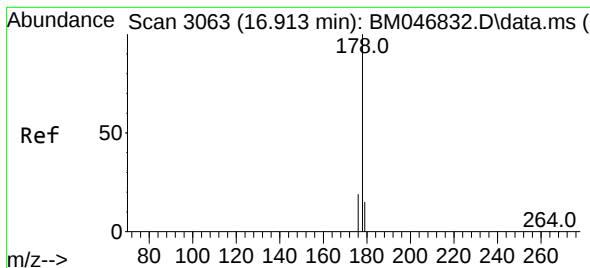
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.172 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

Tgt Ion:166 Resp: 14939
Ion Ratio Lower Upper
166 100
165 96.9 79.8 119.6
167 14.7 12.3 18.5





#15

Phenanthrene

Concen: 4.871 ng/ul

RT: 16.912 min Scan# 3063

Delta R.T. -0.001 min

Lab File: BM046847.D

Acq: 27 Jul 2024 01:15

Instrument :

BNA_M

ClientSampleId :

A4BA2DL

Tgt Ion:178 Resp: 32193

Ion Ratio Lower Upper

178 100

179 15.3 13.4 20.2

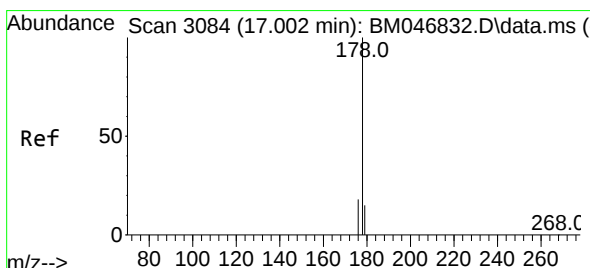
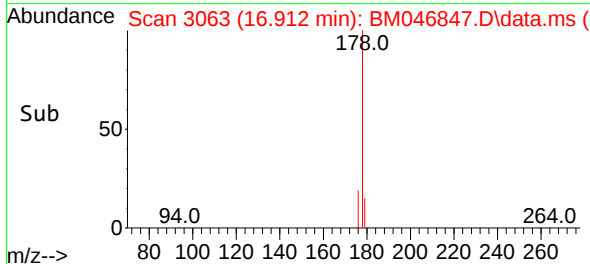
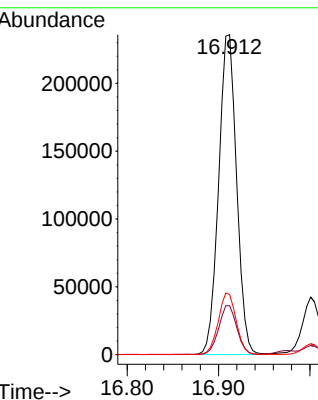
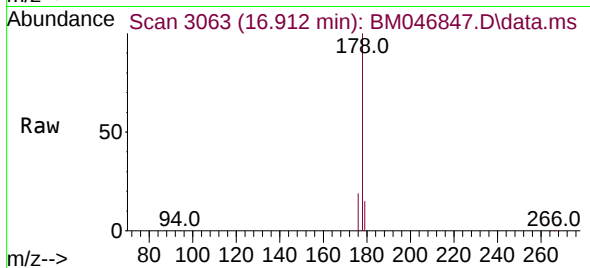
176 18.8 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#16

Anthracene

Concen: 0.891 ng/ul

RT: 17.001 min Scan# 3084

Delta R.T. -0.005 min

Lab File: BM046847.D

Acq: 27 Jul 2024 01:15

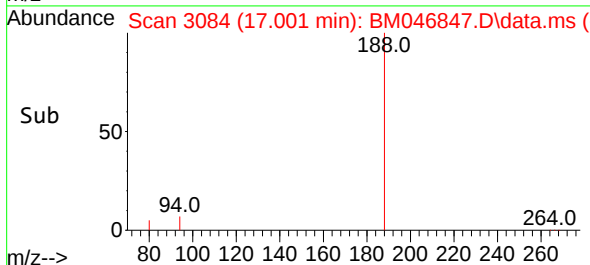
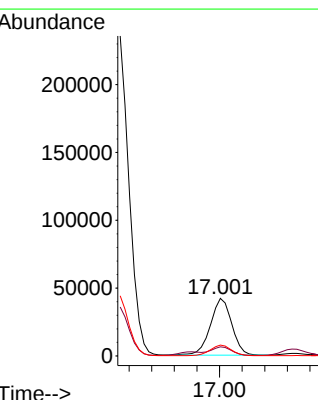
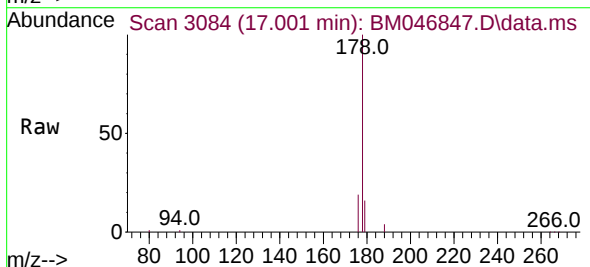
Tgt Ion:178 Resp: 54833

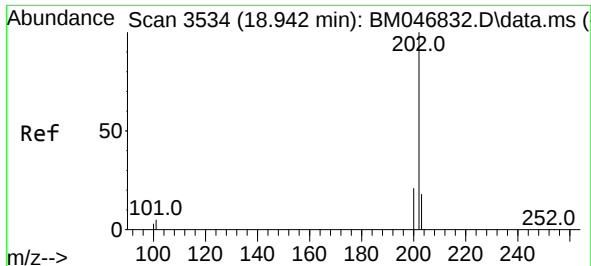
Ion Ratio Lower Upper

178 100

179 15.9 13.1 19.7

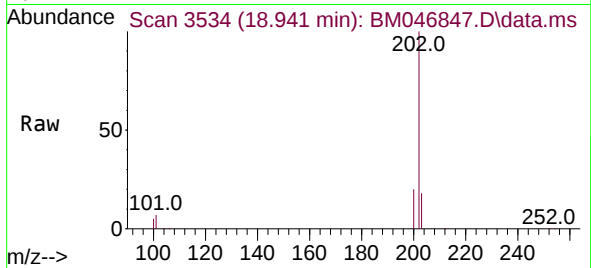
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 12.269 ng/u1
RT: 18.941 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

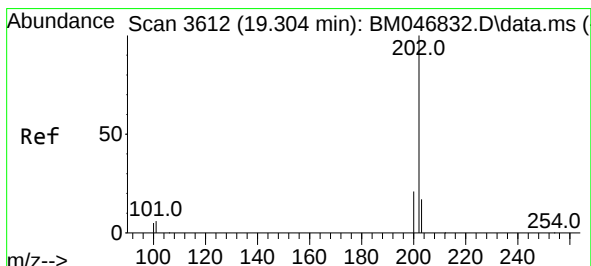
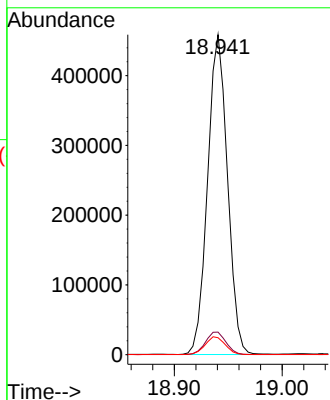
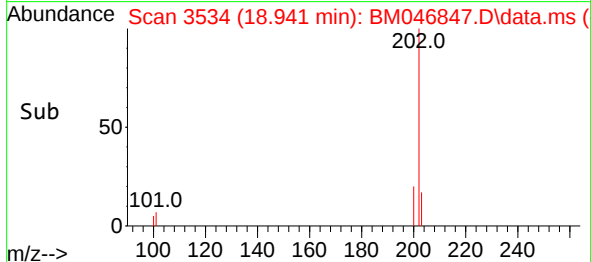
Instrument :
BNA_M
ClientSampleId :
A4BA2DL



Tgt Ion:202 Resp: 586679
Ion Ratio Lower Upper
202 100
101 7.0 4.7 7.1
100 5.3 3.4 5.2

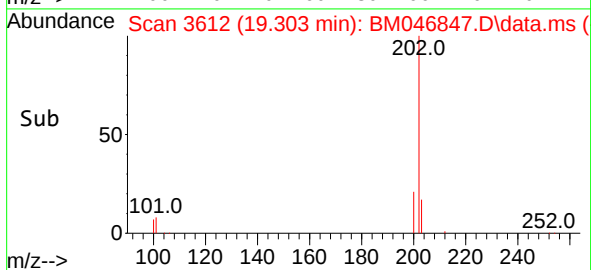
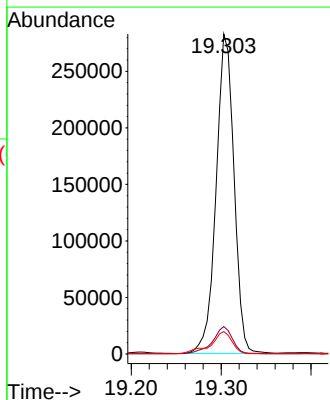
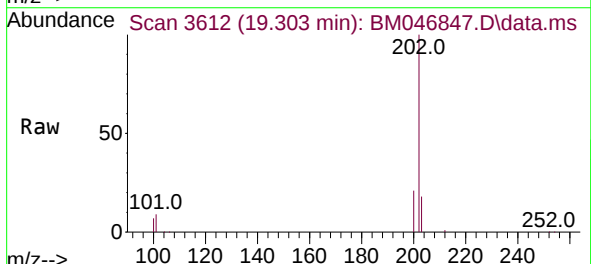
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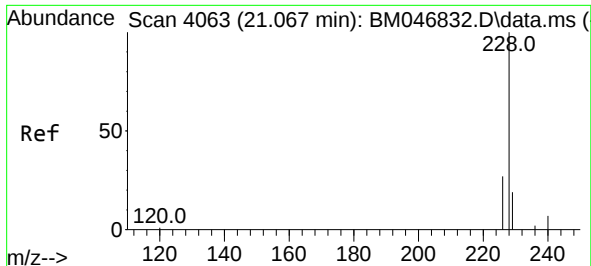
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 7.883 ng/u1
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

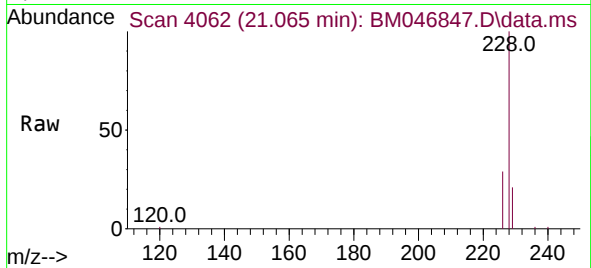
Tgt Ion:202 Resp: 389953
Ion Ratio Lower Upper
202 100
101 8.6 5.2 7.8#
100 7.0 4.3 6.5#





#21
Benzo(a)anthracene
Concen: 3.937 ng/ul
RT: 21.065 min Scan# 4062
Delta R.T. 0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

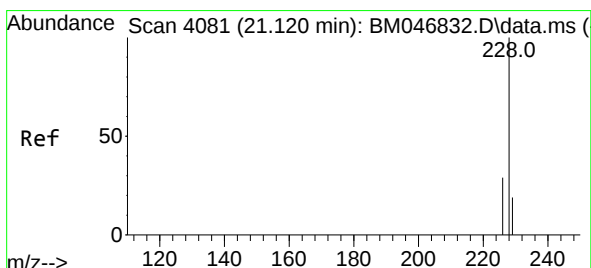
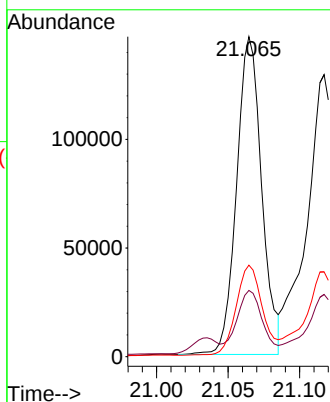
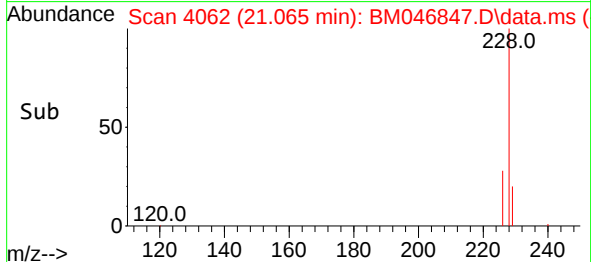
Instrument :
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Tgt Ion:228 Resp: 17860
Ion Ratio Lower Upper
228 100
229 20.7 16.3 24.5
226 28.6 22.3 33.5

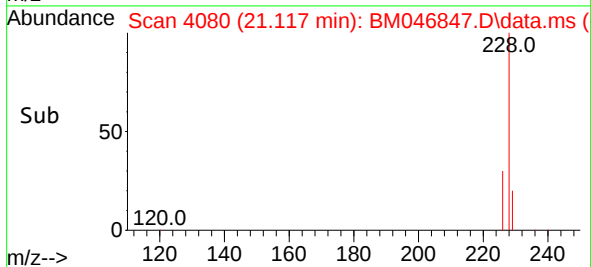
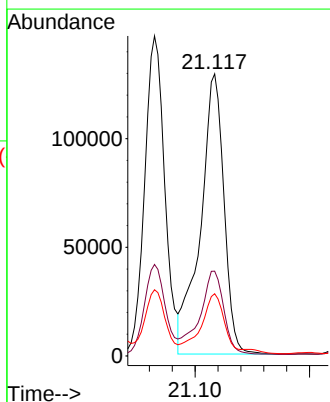
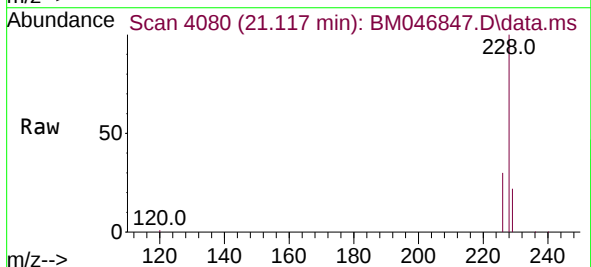
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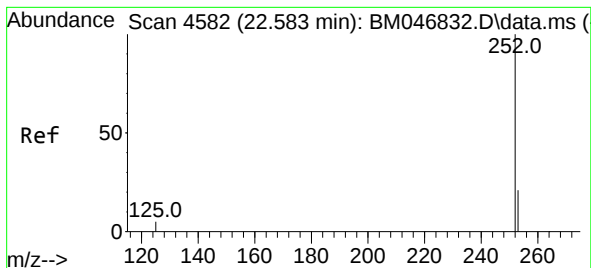
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 4.001 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

Tgt Ion:228 Resp: 184403
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 22.1 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 4.713 ng/ul m

RT: 22.581 min Scan# 4582

Delta R.T. 0.001 min

Lab File: BM046847.D

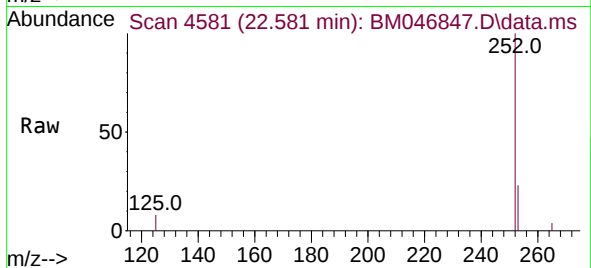
Acq: 27 Jul 2024 01:15

Instrument :

BNA_M

ClientSampleId :

A4BA2DL



Tgt Ion:252 Resp: 215894

Ion Ratio Lower Upper

252 100

253 23.4 0.0 56.4

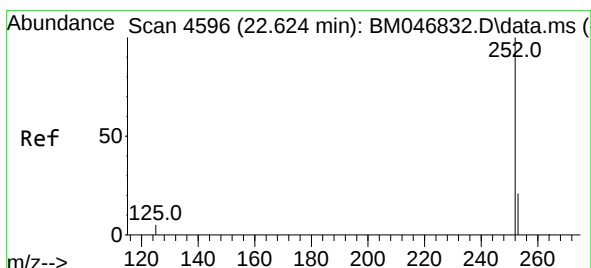
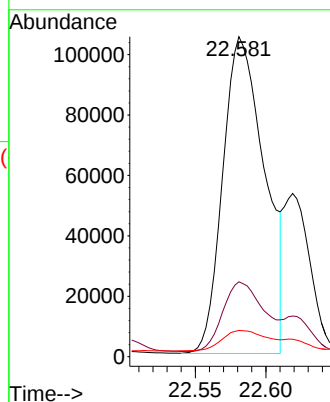
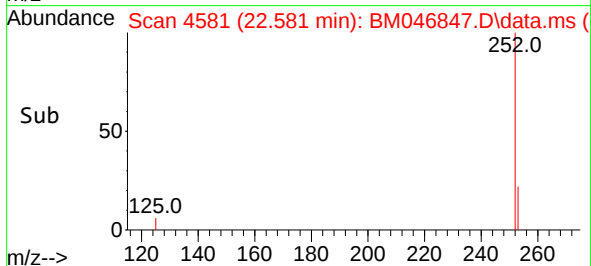
125 8.2 0.0 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#25

Benzo(k)fluoranthene

Concen: 1.532 ng/ul m

RT: 22.619 min Scan# 4594

Delta R.T. -0.002 min

Lab File: BM046847.D

Acq: 27 Jul 2024 01:15

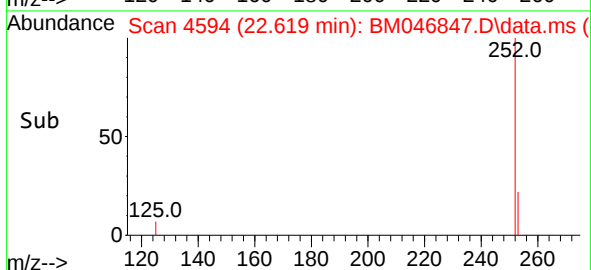
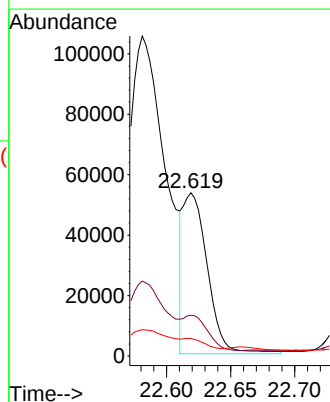
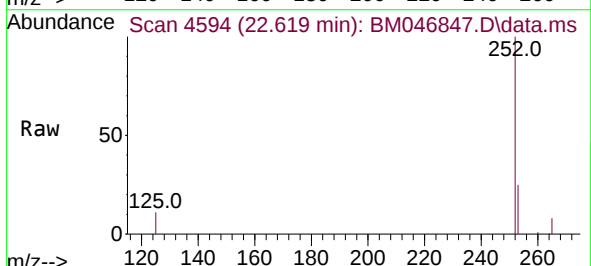
Tgt Ion:252 Resp: 70720

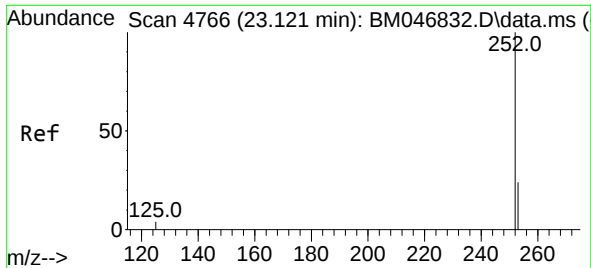
Ion Ratio Lower Upper

252 100

253 24.9 23.5 35.3

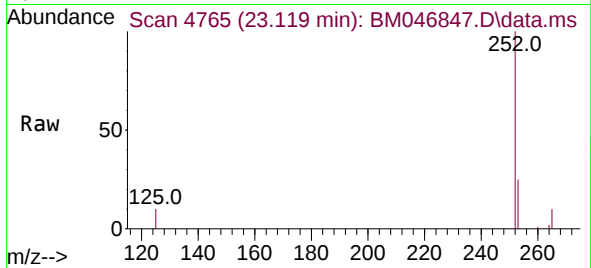
125 10.7 8.6 13.0





#26
Benzo(a)pyrene
Concen: 2.369 ng/ul
RT: 23.119 min Scan# 4766
Delta R.T. 0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

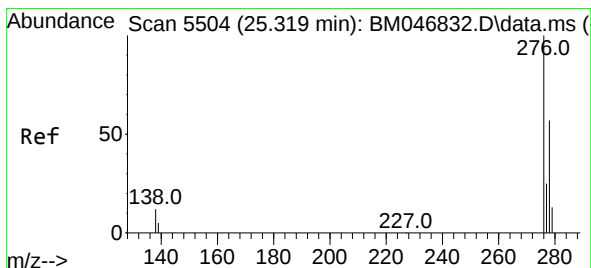
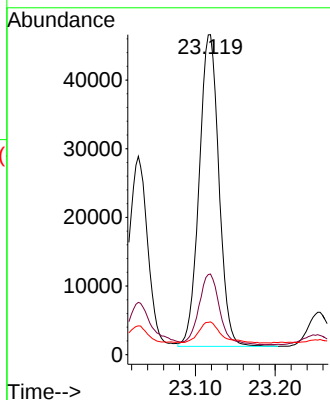
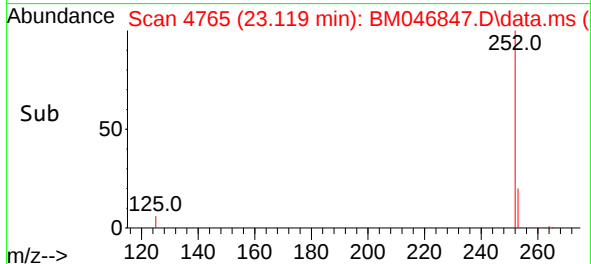
Instrument :
BNA_M
ClientSampleId :
A4BA2DL



Tgt Ion:252 Resp: 77924
Ion Ratio Lower Upper
252 100
253 25.2 26.0 39.0
125 10.2 7.8 11.8

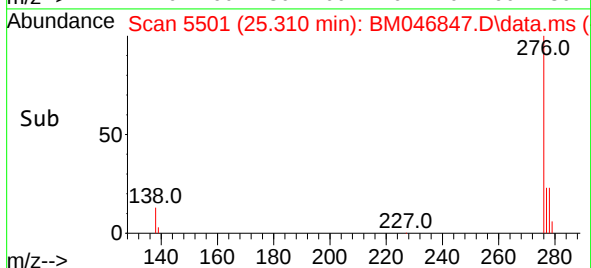
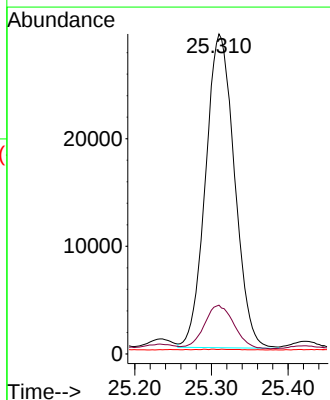
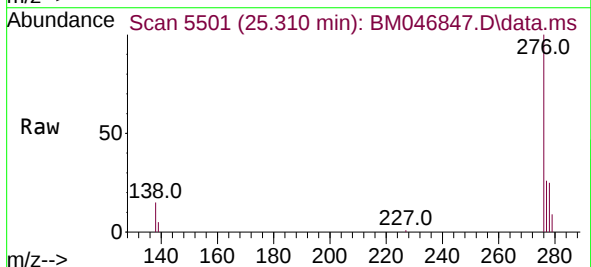
Manual Integrations
APPROVED

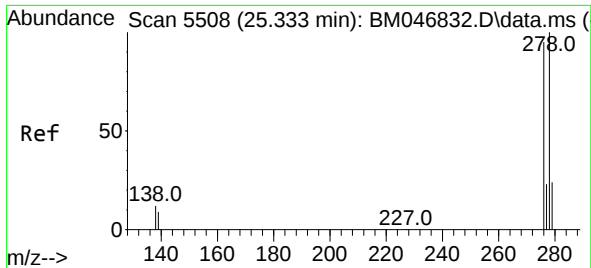
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.508 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

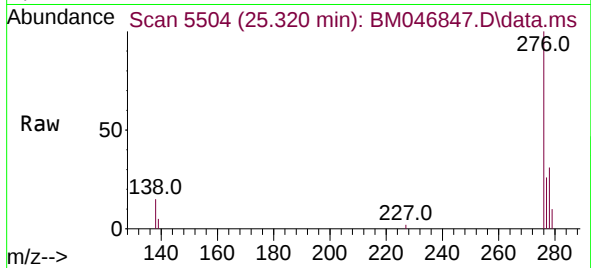
Tgt Ion:276 Resp: 76340
Ion Ratio Lower Upper
276 100
138 14.4 9.7 14.5
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.634 ng/ul
RT: 25.320 min Scan# 5504
Delta R.T. -0.013 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15

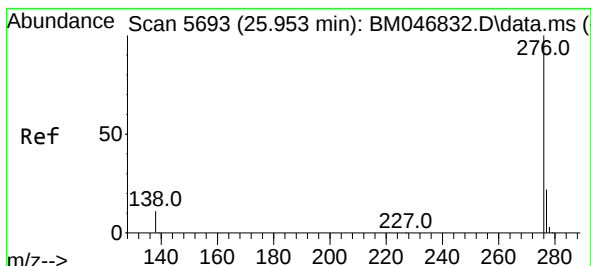
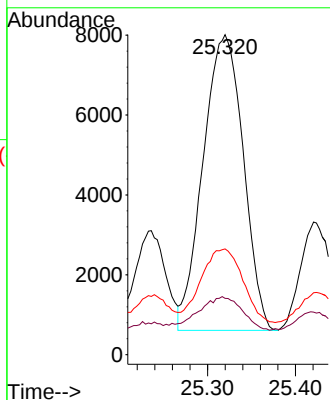
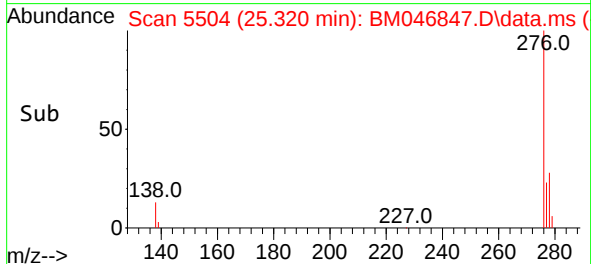
Instrument :
BNA_M
ClientSampleId :
A4BA2DL



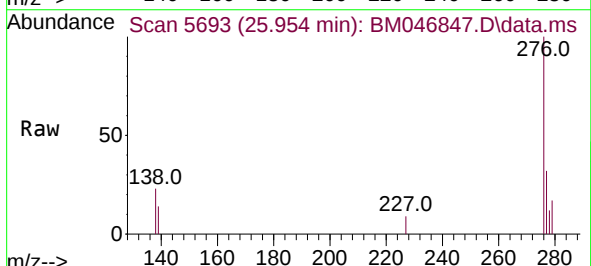
Tgt Ion:278 Resp: 23479
Ion Ratio Lower Upper
278 100
139 17.6 9.8 14.8
279 33.1 25.2 37.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.269 ng/ul
RT: 25.954 min Scan# 5693
Delta R.T. 0.001 min
Lab File: BM046847.D
Acq: 27 Jul 2024 01:15



Tgt Ion:276 Resp: 11989
Ion Ratio Lower Upper
276 100
138 23.0 9.5 14.3#
277 31.6 20.9 31.3#

