

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046812.D
 Acq On : 25 Jul 2024 22:40
 Operator : MA/JU
 Sample : P3263-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 00:31:09 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	7.472	152	4281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	12744	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	8238	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	19066	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	10028	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	10209	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	10245	3.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	5231	0.258	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	11966	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	63713	1.977	ng/ul	97
7) 2-Methylnaphthalene	11.904	142	22062	0.994	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	15428	0.673	ng/ul	99
10) Acenaphthylene	13.836	152	20951	0.555	ng/ul	97
11) Acenaphthene	14.178	153	90358	3.528	ng/ul	100
12) Fluorene	15.178	166	122290	3.820	ng/ul	97
15) Phenanthrene	16.918	178	1641317	29.951	ng/ul	98
16) Anthracene	17.006	178	260843	5.113	ng/ul	99
19) Fluoranthene	18.946	202	1743540	39.589	ng/ul	100
20) Pyrene	19.309	202	1215966	26.690	ng/ul	99
21) Benzo(a)anthracene	21.067	228	578355	13.840	ng/ul	99
22) Chrysene	21.120	228	545058	12.840	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	528977m	11.802	ng/ul	
25) Benzo(k)fluoranthene	22.621	252	188712m	4.178	ng/ul	
26) Benzo(a)pyrene	23.121	252	189731	5.897	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.319	276	201058	4.060	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.326	278	79887	2.204	ng/ul	95
29) Benzo(g,h,i)perylene	25.957	276	31879	0.731	ng/ul#	89

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

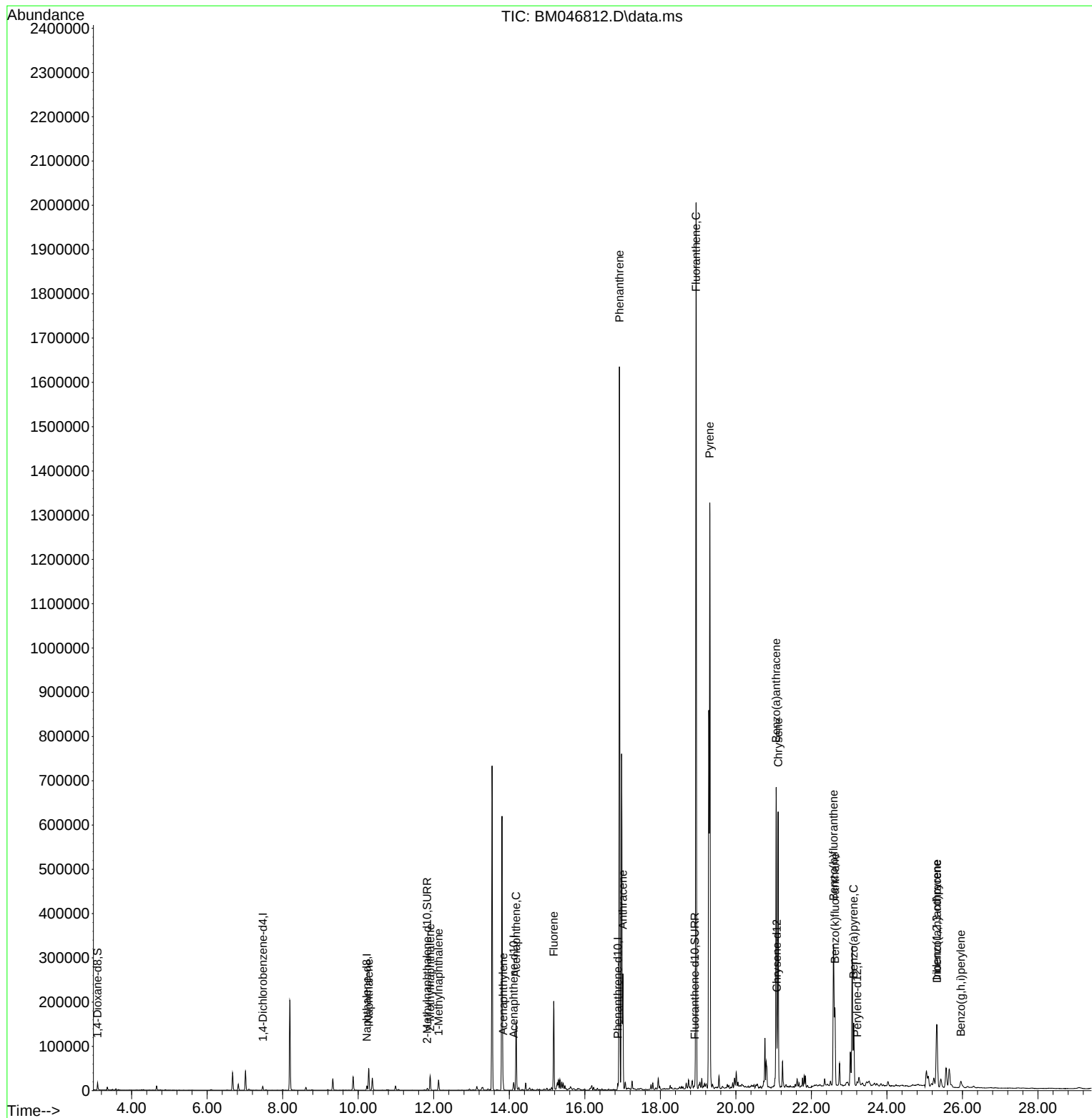
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046812.D
Acq On : 25 Jul 2024 22:40
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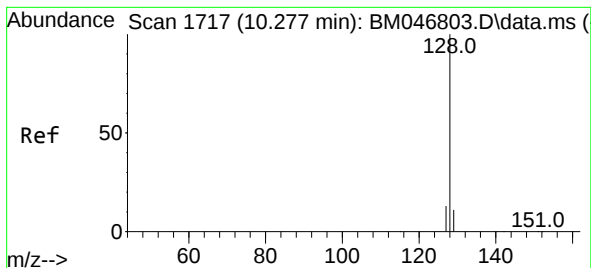
Instrument :
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ClientSampleId :
A4BB2

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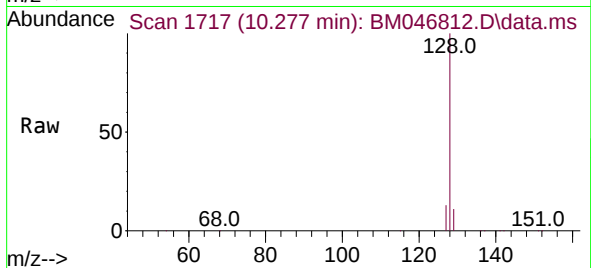
Quant Time: Jul 26 00:31:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.977 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

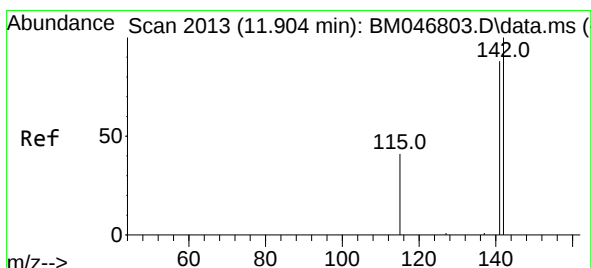
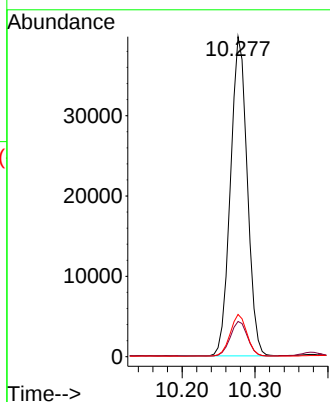
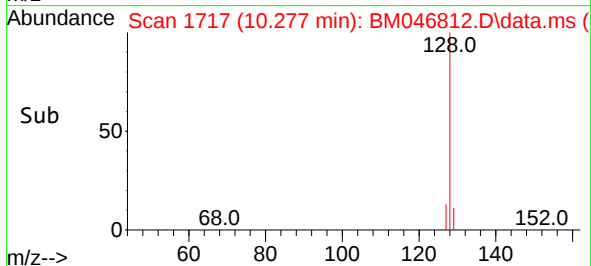
Instrument :
BNA_M
ClientSampleId :
A4BB2



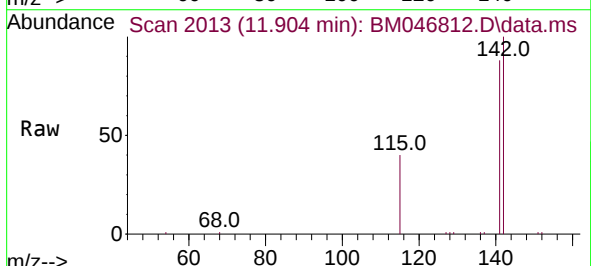
Tgt Ion:128 Resp: 63711
Ion Ratio Lower Upper
128 100
129 11.0 10.1 15.1
127 13.2 11.5 17.3

Manual Integrations
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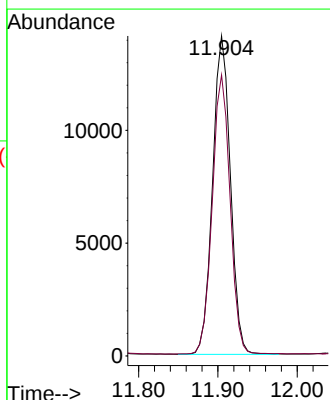
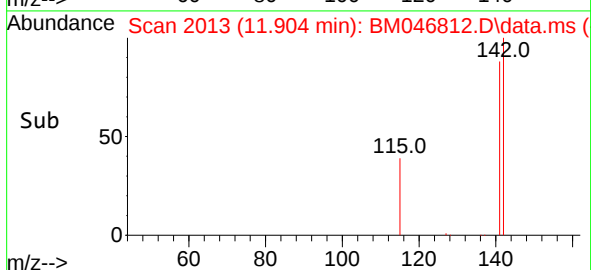
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

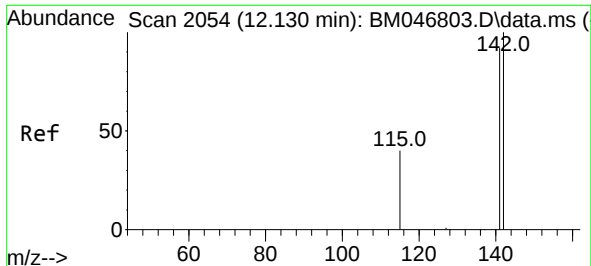


#7
2-Methylnaphthalene
Concen: 0.994 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40



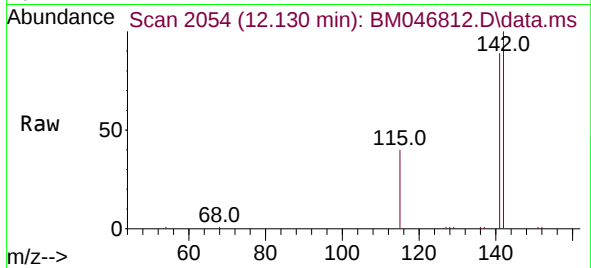
Tgt Ion:142 Resp: 22062
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.673 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

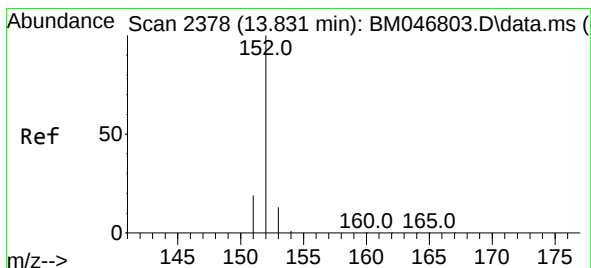
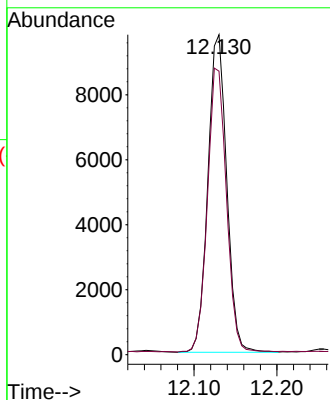
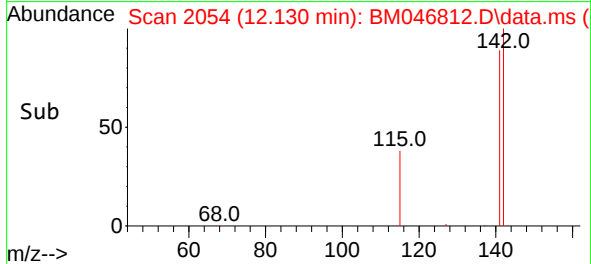
Instrument :
BNA_M
ClientSampleId :
A4BB2



Tgt Ion:142 Resp: 15428
Ion Ratio Lower Upper
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141 90.1 73.1 109.7

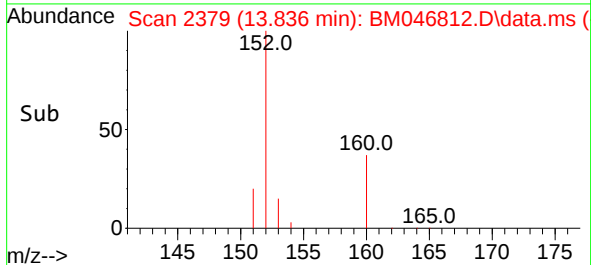
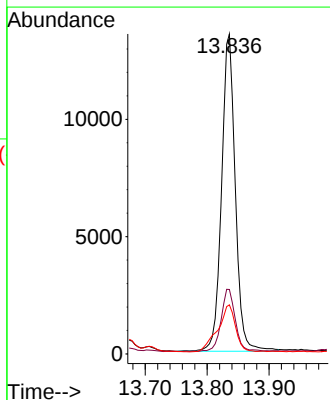
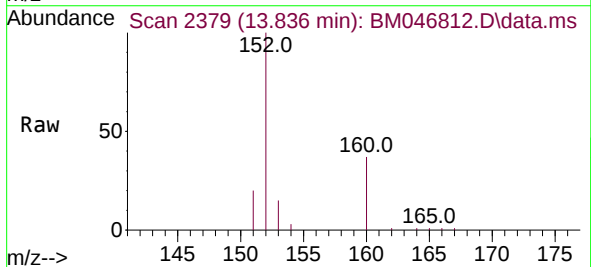
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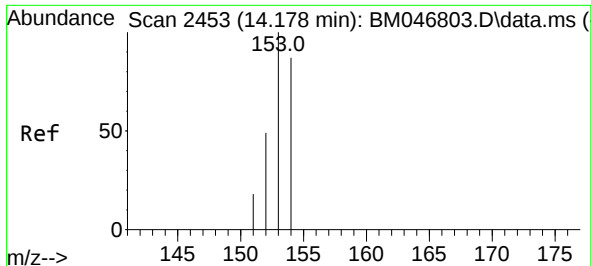
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#10
Acenaphthylene
Concen: 0.555 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. 0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

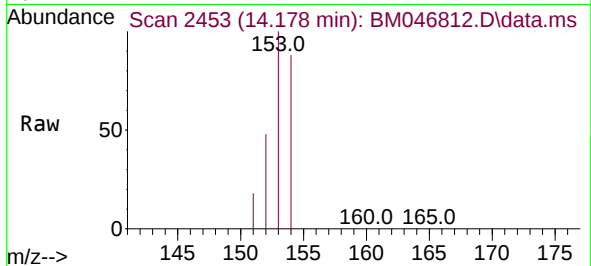
Tgt Ion:152 Resp: 20951
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 15.4 11.0 16.6





#11
Acenaphthene
Concen: 3.528 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

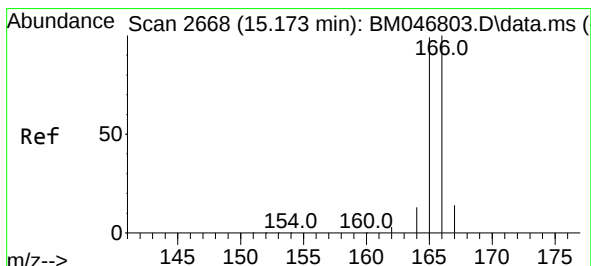
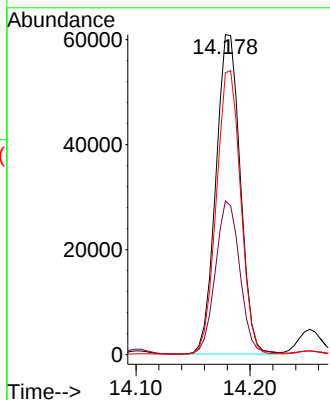
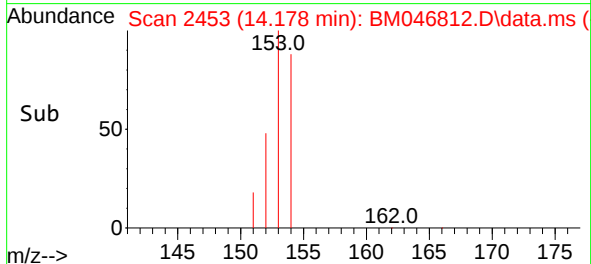
Instrument :
BNA_M
ClientSampleId :
A4BB2



Tgt Ion:153 Resp: 90358
Ion Ratio Lower Upper
153 100
152 48.0 38.6 57.8
154 88.1 70.8 106.2

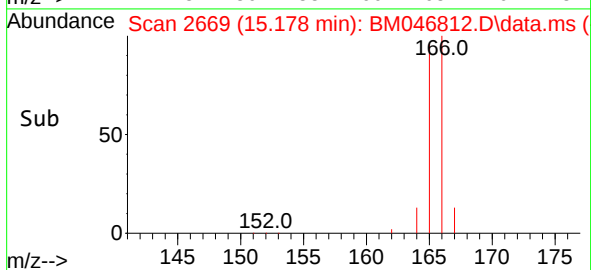
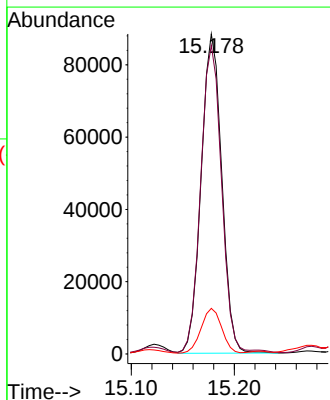
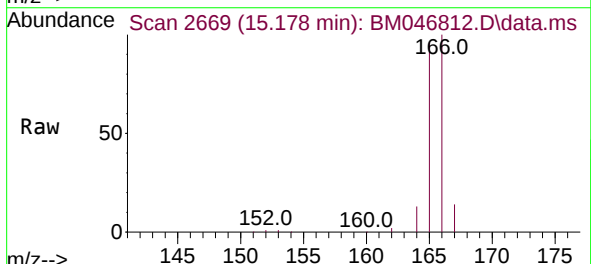
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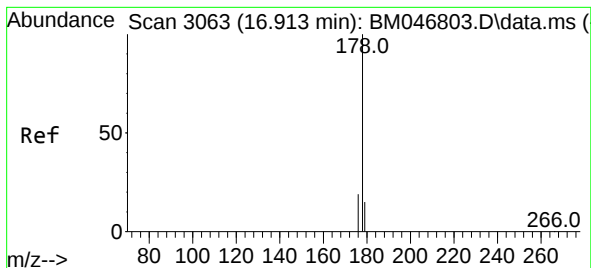
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 3.820 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:166 Resp: 122290
Ion Ratio Lower Upper
166 100
165 96.5 79.8 119.6
167 14.3 12.3 18.5





#15

Phenanthrene

Concen: 29.951 ng/ul

RT: 16.918 min Scan# 3063

Delta R.T. 0.004 min

Lab File: BM046812.D

Acq: 25 Jul 2024 22:40

Instrument :

BNA_M

ClientSampleId :

A4BB2

Tgt Ion:178 Resp: 164131

Ion Ratio Lower Upper

178 100

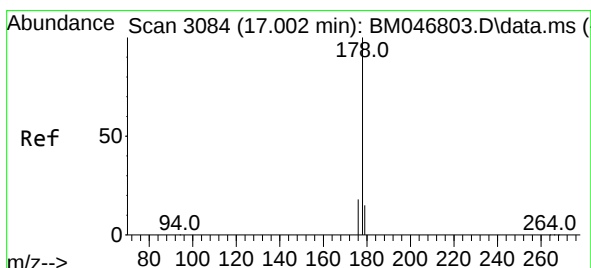
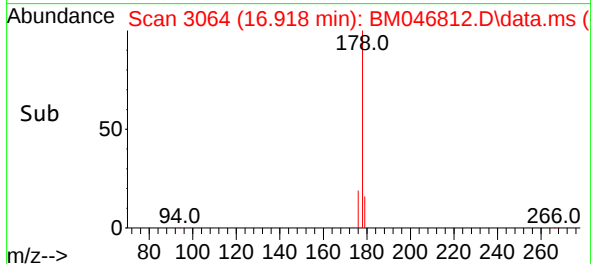
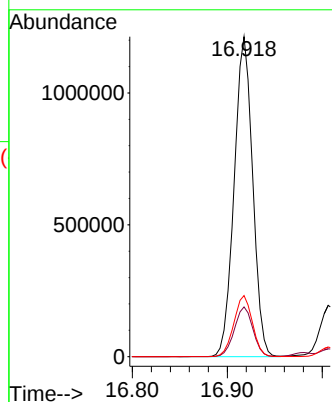
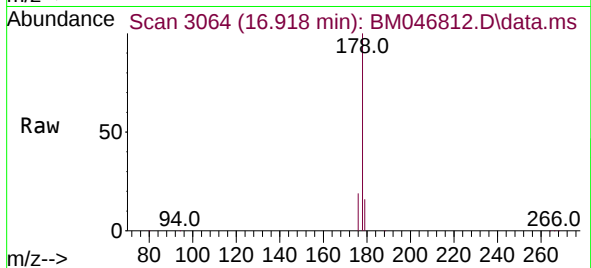
179 15.5 13.4 20.2

176 19.1 16.1 24.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#16

Anthracene

Concen: 5.113 ng/ul

RT: 17.006 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM046812.D

Acq: 25 Jul 2024 22:40

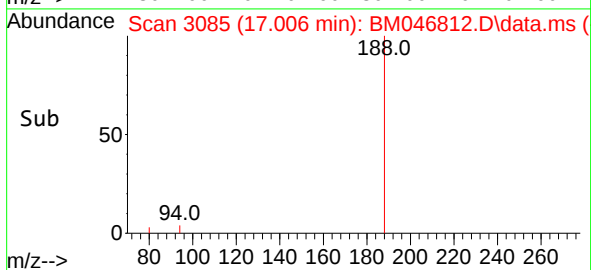
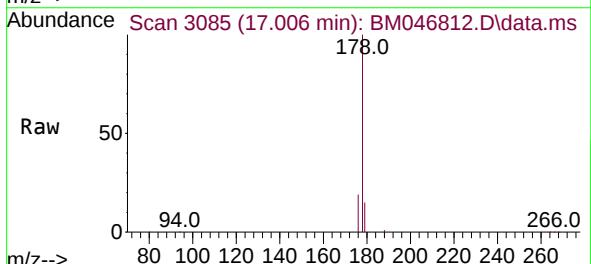
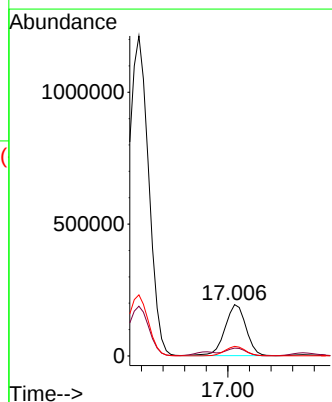
Tgt Ion:178 Resp: 260843

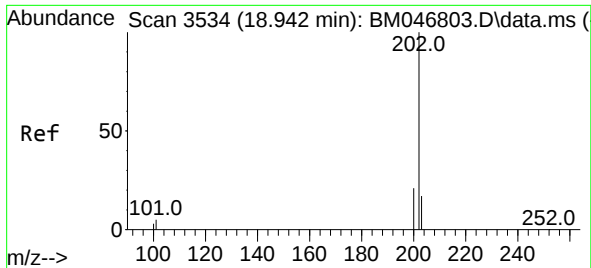
Ion Ratio Lower Upper

178 100

179 15.4 13.1 19.7

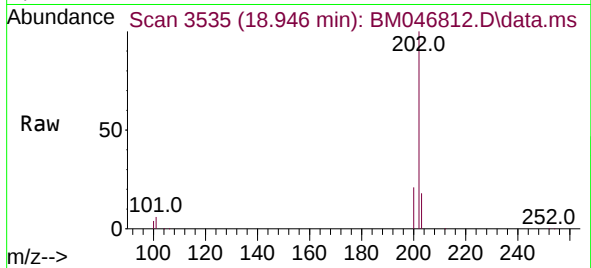
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 39.589 ng/u1
RT: 18.946 min Scan# 3534
Delta R.T. 0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

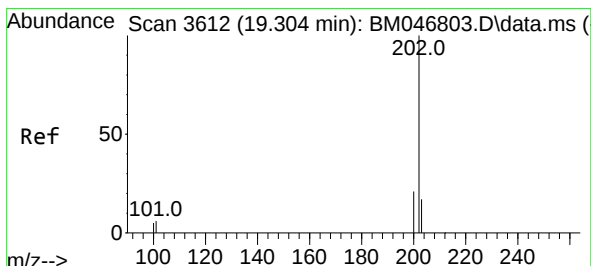
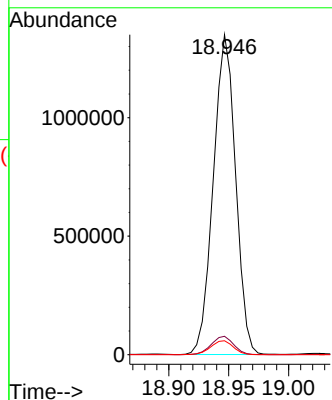
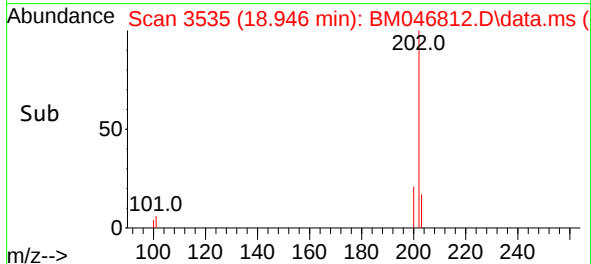
Instrument :
BNA_M
ClientSampleId :
A4BB2



Tgt Ion:202 Resp: 1743540
Ion Ratio Lower Upper
202 100
101 5.8 4.7 7.1
100 4.3 3.4 5.2

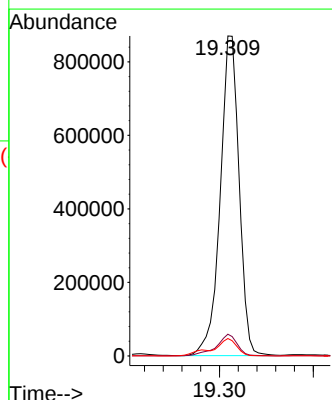
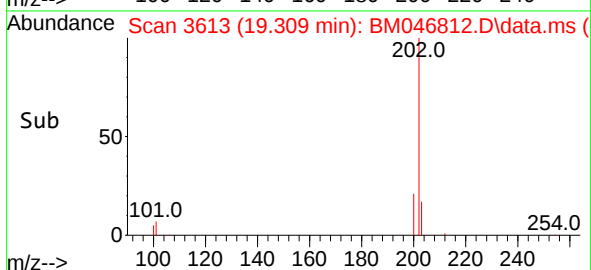
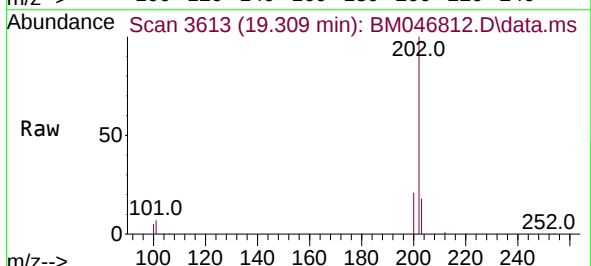
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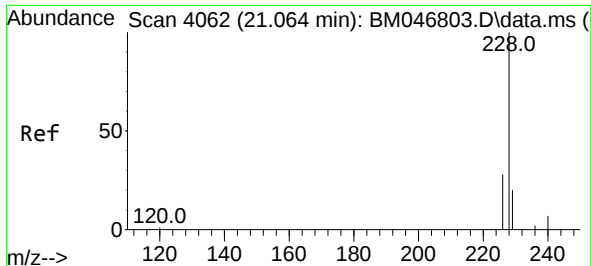
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#20
Pyrene
Concen: 26.690 ng/u1
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

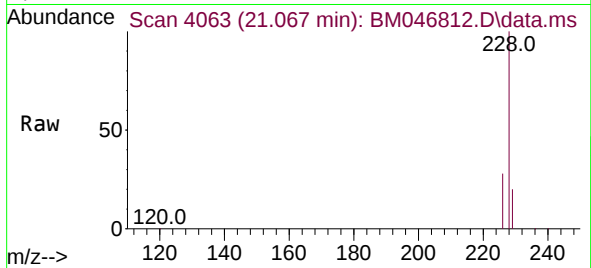
Tgt Ion:202 Resp: 1215966
Ion Ratio Lower Upper
202 100
101 6.8 5.2 7.8
100 5.5 4.3 6.5





#21
Benzo(a)anthracene
Concen: 13.840 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

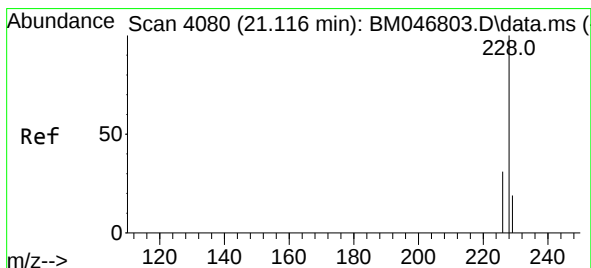
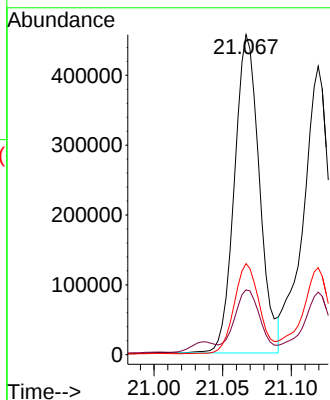
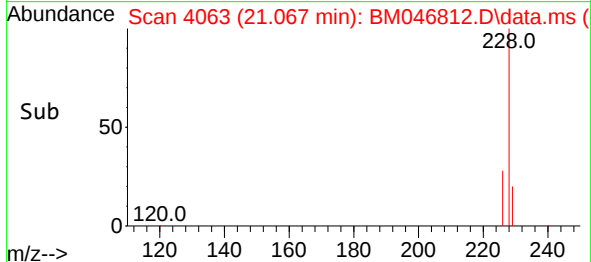
Instrument :
BNA_M
ClientSampleId :
A4BB2



Tgt Ion:228 Resp: 57835
Ion Ratio Lower Upper
228 100
229 20.2 16.3 24.5
226 28.5 22.3 33.5

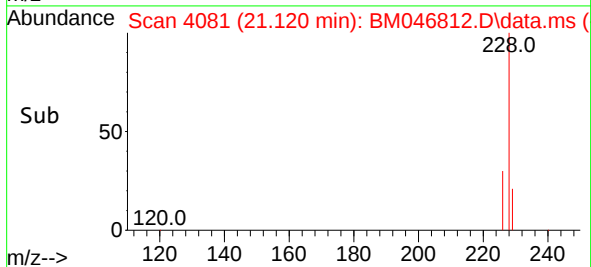
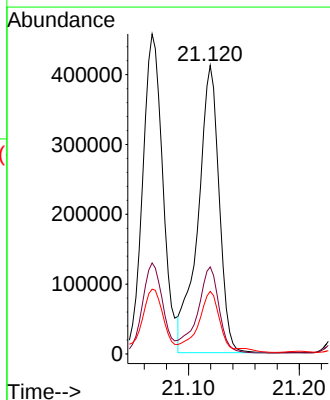
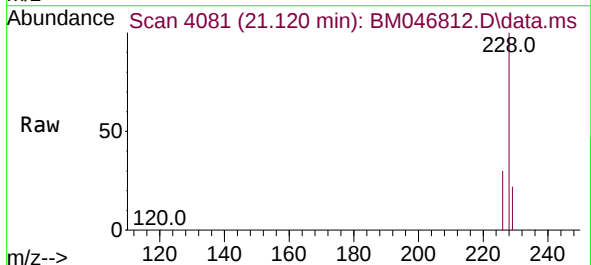
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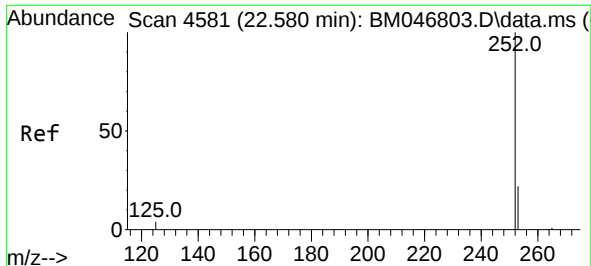
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#22
Chrysene
Concen: 12.840 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

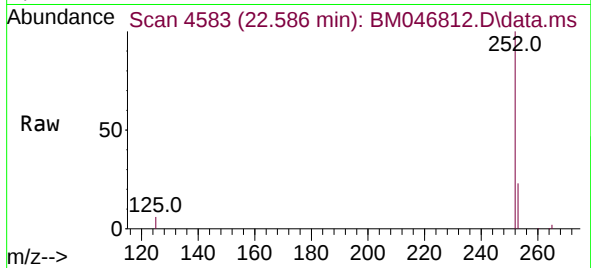
Tgt Ion:228 Resp: 545058
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.7 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 11.802 ng/ul m
RT: 22.586 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

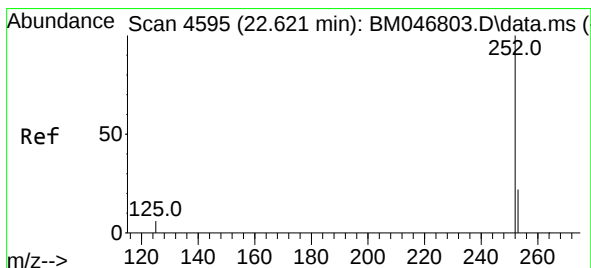
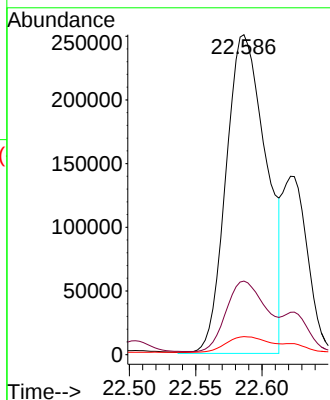
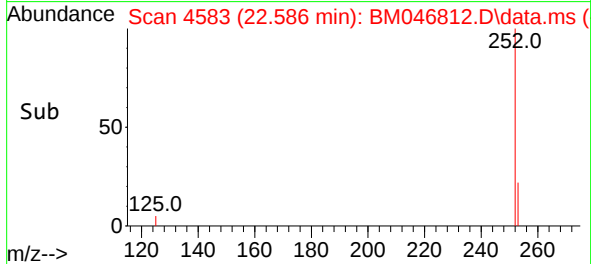
Instrument :
BNA_M
ClientSampleId :
A4BB2



Tgt Ion:252 Resp: 52897
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.4
125 5.7 0.0 15.8

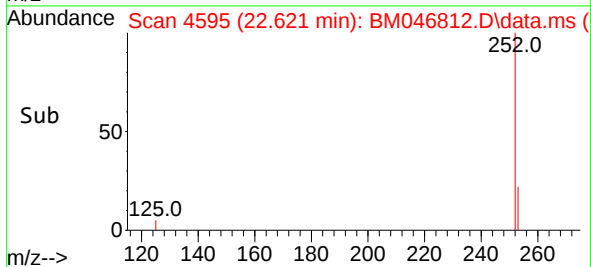
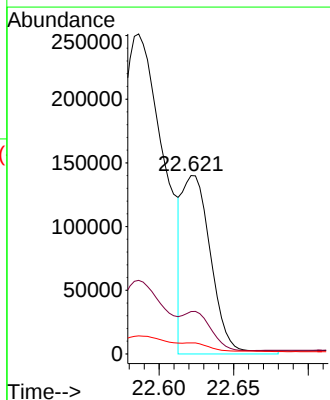
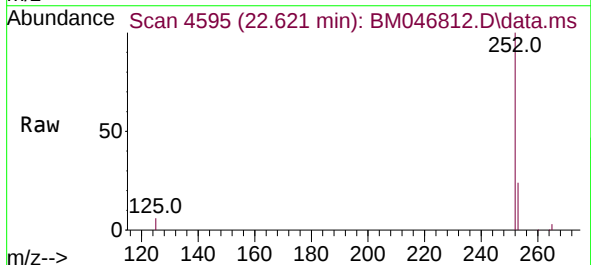
Manual Integrations
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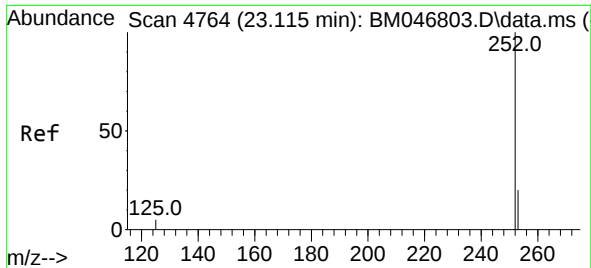
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#25
Benzo(k)fluoranthene
Concen: 4.178 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

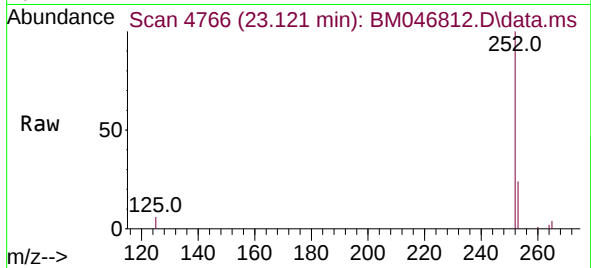
Tgt Ion:252 Resp: 188712
Ion Ratio Lower Upper
252 100
253 23.8 23.5 35.3
125 6.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 5.897 ng/ul
RT: 23.121 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

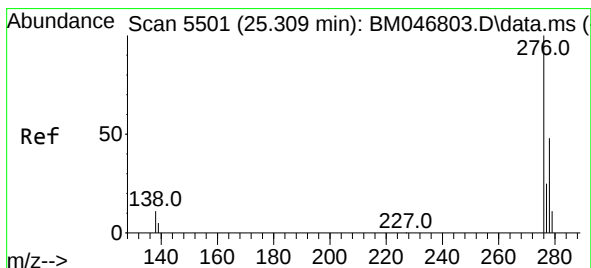
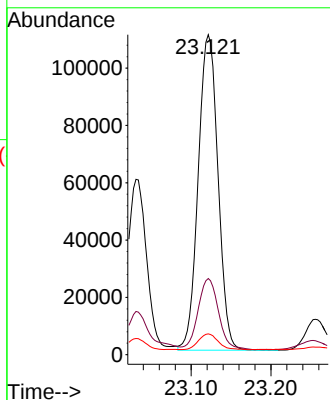
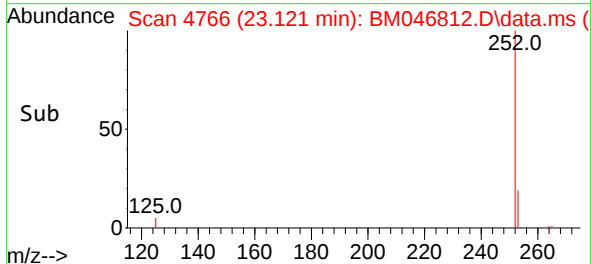
Instrument :
BNA_M
ClientSampleId :
A4BB2



Tgt Ion:252 Resp: 18973
Ion Ratio Lower Upper
252 100
253 23.8 26.0 39.0
125 6.5 7.8 11.8

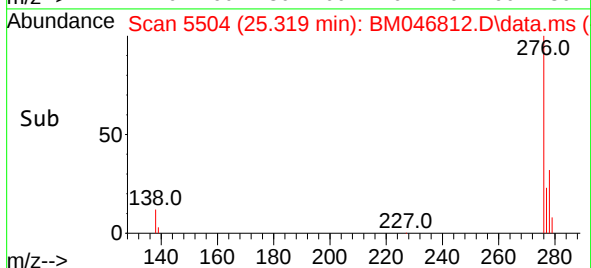
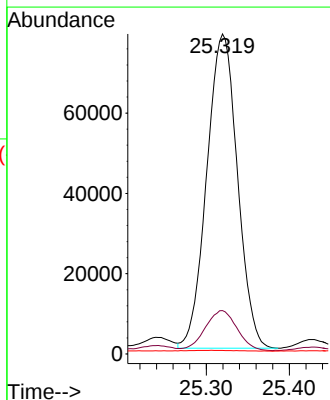
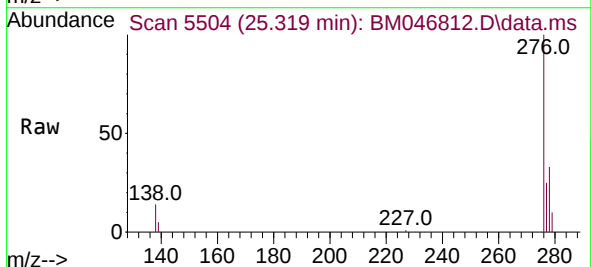
Manual Integrations
APPROVED

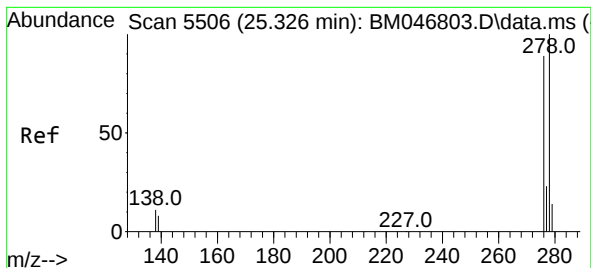
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.060 ng/ul
RT: 25.319 min Scan# 5504
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:276 Resp: 201058
Ion Ratio Lower Upper
276 100
138 13.2 9.7 14.5
227 0.4 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 2.204 ng/ul

RT: 25.326 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM046812.D

Acq: 25 Jul 2024 22:40

Instrument :

BNA_M

ClientSampleId :

A4BB2

Tgt Ion:278 Resp: 7988

Ion Ratio Lower Upper

278 100

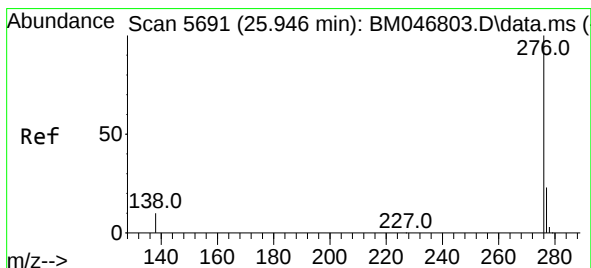
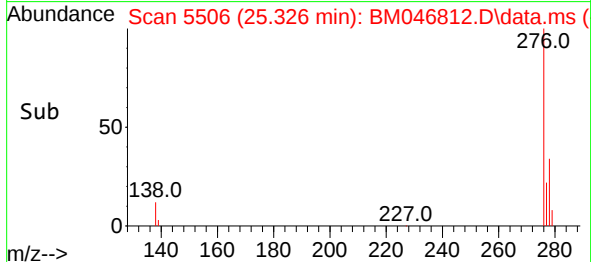
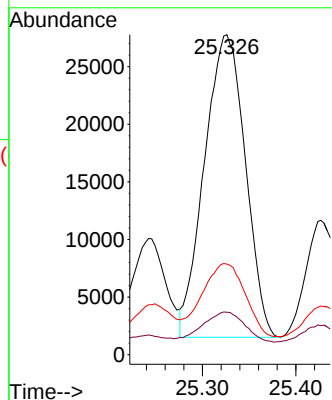
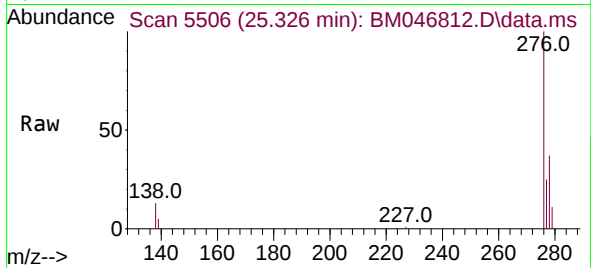
139 13.3 9.8 14.8

279 28.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.731 ng/ul

RT: 25.957 min Scan# 5694

Delta R.T. 0.003 min

Lab File: BM046812.D

Acq: 25 Jul 2024 22:40

Tgt Ion:276 Resp: 31879

Ion Ratio Lower Upper

276 100

138 19.1 9.5 14.3#

277 30.3 20.9 31.3

