

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046815.D
 Acq On : 26 Jul 2024 00:29
 Operator : MA/JU
 Sample : P3263-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA8

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 01:14:01 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	4061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	11932	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	7248	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	14600m	0.400	ng/ul	0.00
17) Chrysene-d12	21.084	240	7038	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	7904	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	10298	3.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	5302	0.280	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	8363	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	11751	0.389	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	4993	0.240	ng/ul	100
8) 1-Methylnaphthalene	12.130	142	3353	0.156	ng/ul	99
10) Acenaphthylene	13.836	152	10720	0.323	ng/ul	98
11) Acenaphthene	14.178	153	7044	0.313	ng/ul	99
12) Fluorene	15.178	166	11637	0.413	ng/ul	97
15) Phenanthrene	16.913	178	187690	4.473	ng/ul	98
16) Anthracene	17.006	178	27970	0.716	ng/ul	100
19) Fluoranthene	18.946	202	262339	8.487	ng/ul	99
20) Pyrene	19.309	202	170497	5.332	ng/ul	100
21) Benzo(a)anthracene	21.067	228	89409	3.049	ng/ul	98
22) Chrysene	21.119	228	97310	3.266	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	126755m	3.653	ng/ul	
25) Benzo(k)fluoranthene	22.624	252	38380m	1.098	ng/ul	
26) Benzo(a)pyrene	23.124	252	44622	1.791	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.323	276	45177	1.178	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.329	278	14604	0.520	ng/ul#	83
29) Benzo(g,h,i)perylene	25.963	276	7214	0.214	ng/ul#	73

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

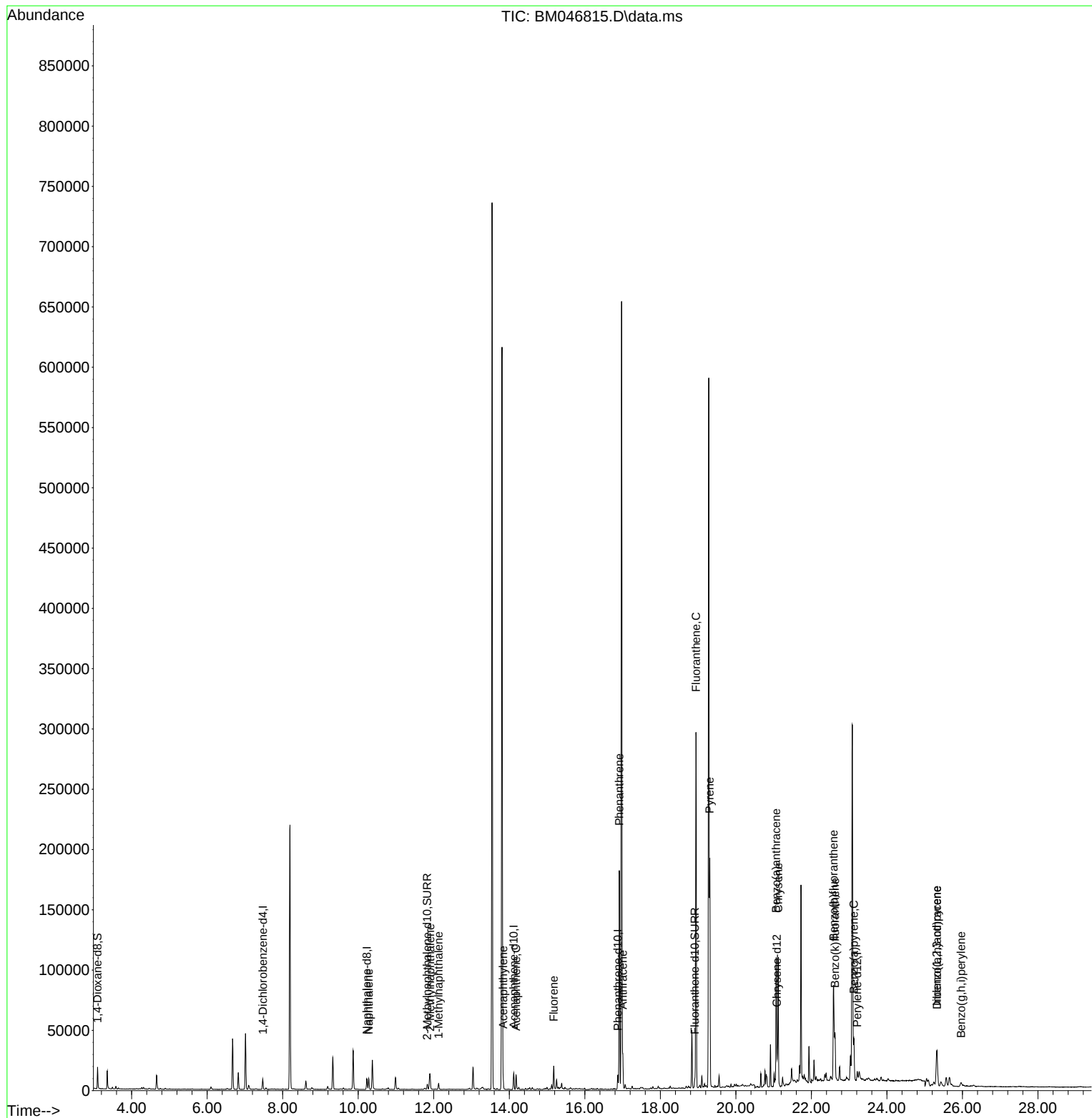
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046815.D
Acq On : 26 Jul 2024 00:29
Operator : MA/JU
Sample : P3263-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

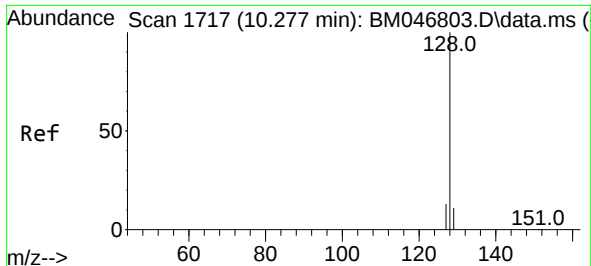
Instrument :
BNA_M
ClientSampleId :
A4BA8

Manual Integrations
APPROVED

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

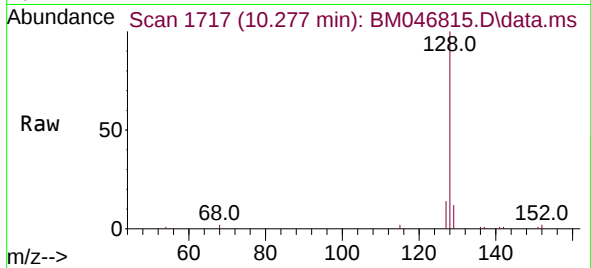
Quant Time: Jul 26 01:14:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

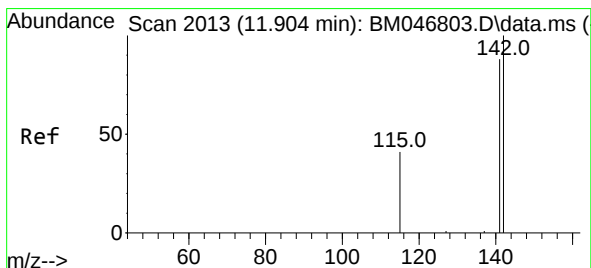
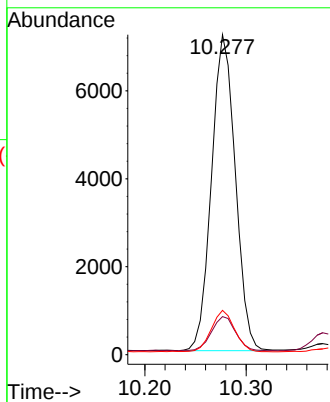
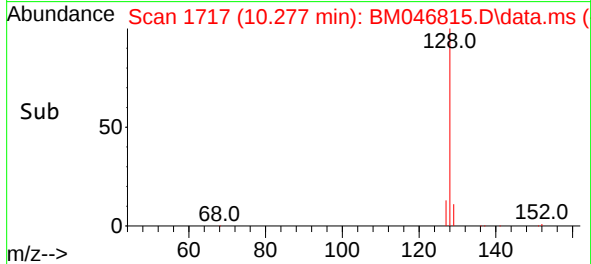
Instrument :
BNA_M
ClientSampleId :
A4BA8



Tgt Ion:128 Resp: 1175
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 13.9 11.5 17.3

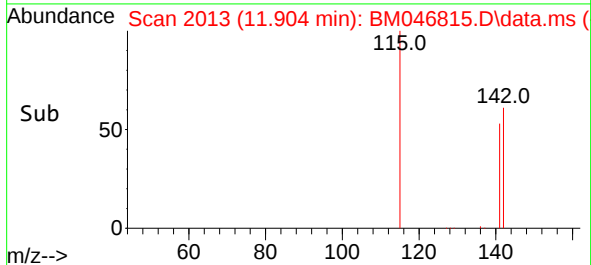
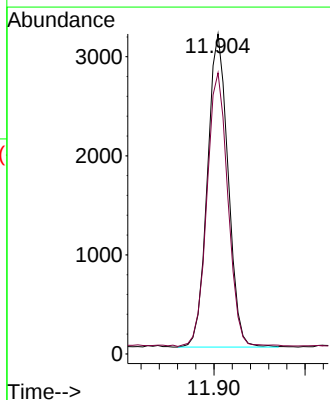
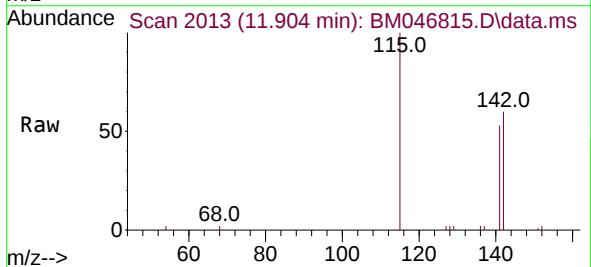
Manual Integrations
APPROVED

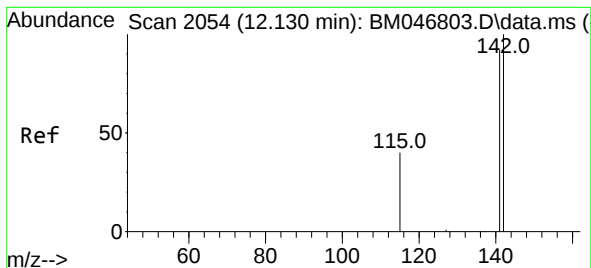
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#7
2-Methylnaphthalene
Concen: 0.240 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

Tgt Ion:142 Resp: 4993
Ion Ratio Lower Upper
142 100
141 88.5 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.156 ng/ul

RT: 12.130 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BM046815.D

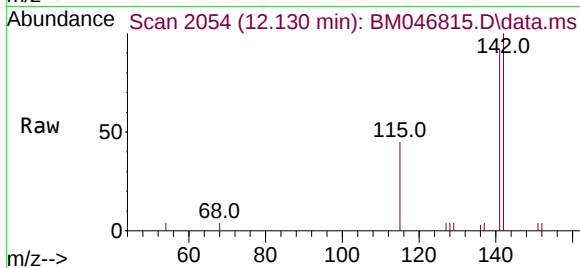
Acq: 26 Jul 2024 00:29

Instrument :

BNA_M

ClientSampleId :

A4BA8



Tgt Ion:142 Resp: 335

Ion Ratio Lower Upper

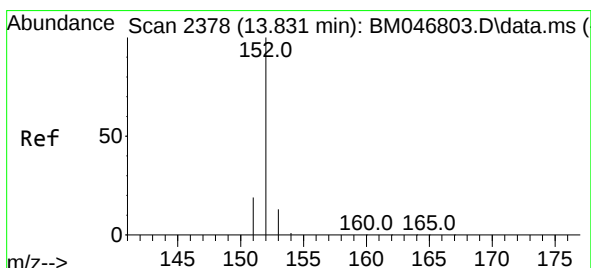
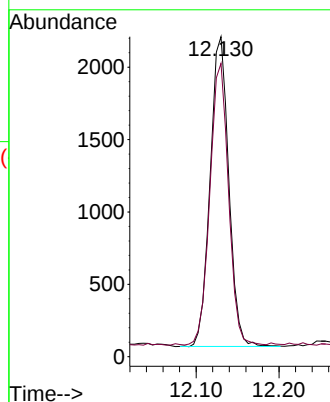
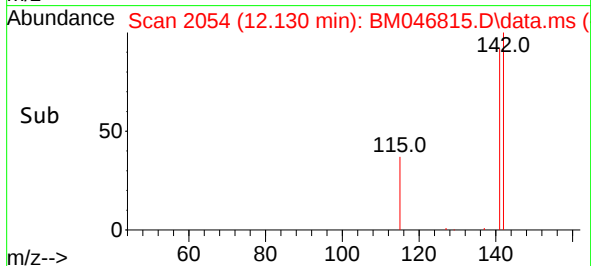
142 100

141 90.5 73.1 109.7

Manual Integrations

APPROVED

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



#10

Acenaphthylene

Concen: 0.323 ng/ul

RT: 13.836 min Scan# 2379

Delta R.T. 0.005 min

Lab File: BM046815.D

Acq: 26 Jul 2024 00:29

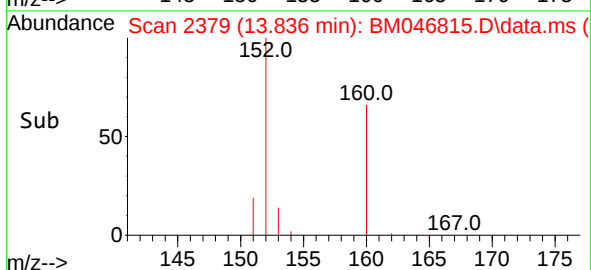
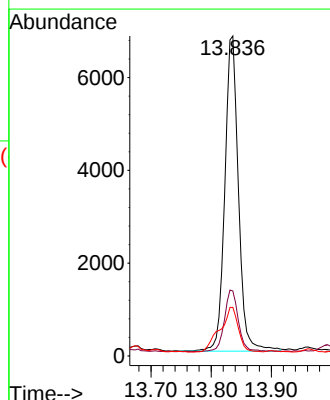
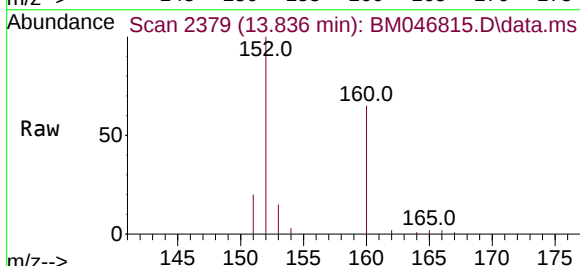
Tgt Ion:152 Resp: 10720

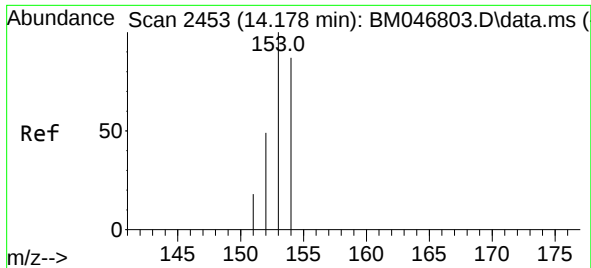
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

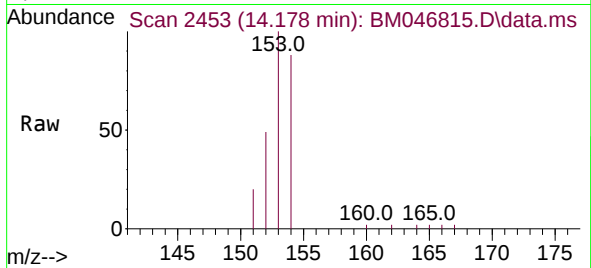
153 15.2 11.0 16.6





#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

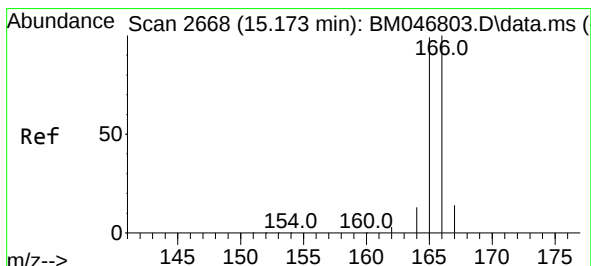
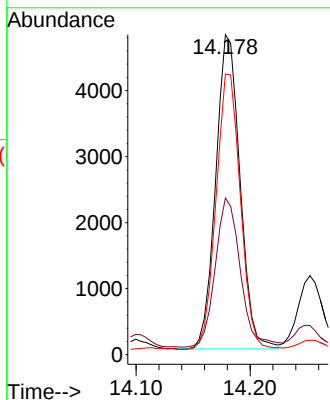
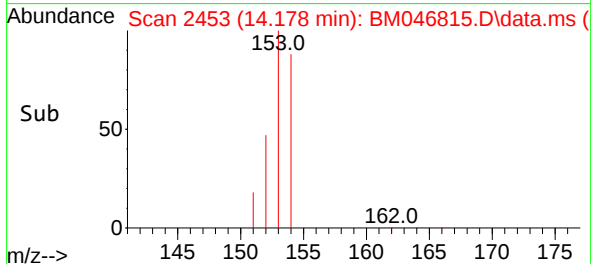
Instrument :
BNA_M
ClientSampleId :
A4BA8



Tgt Ion:153 Resp: 7044
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 87.7 70.8 106.2

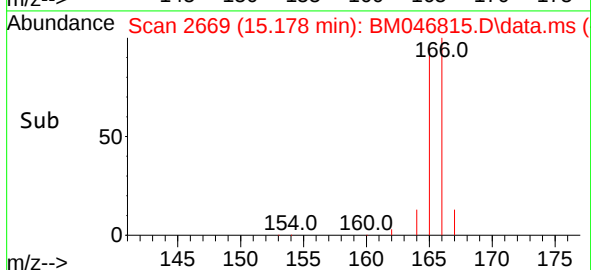
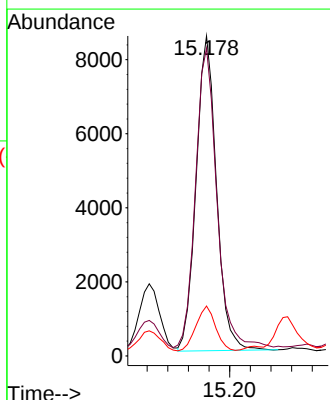
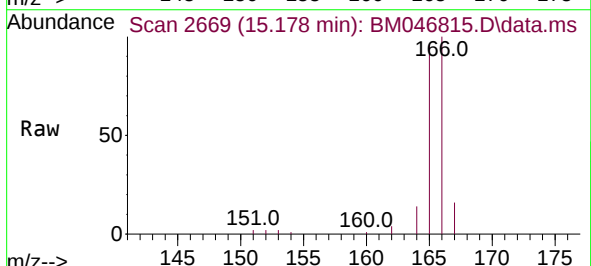
Manual Integrations
APPROVED

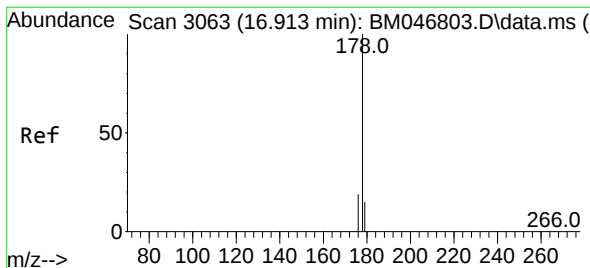
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

Tgt Ion:166 Resp: 11637
Ion Ratio Lower Upper
166 100
165 96.2 79.8 119.6
167 15.6 12.3 18.5





#15

Phenanthrene

Concen: 4.473 ng/ul

RT: 16.913 min Scan# 3063

Delta R.T. 0.000 min

Lab File: BM046815.D

Acq: 26 Jul 2024 00:29

Instrument :

BNA_M

ClientSampleId :

A4BA8

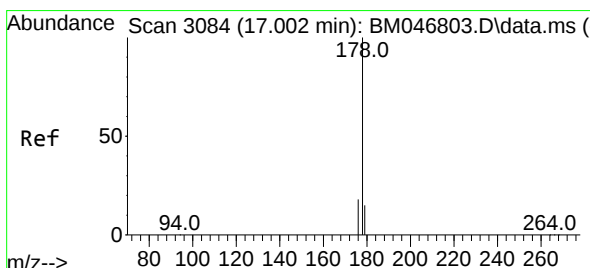
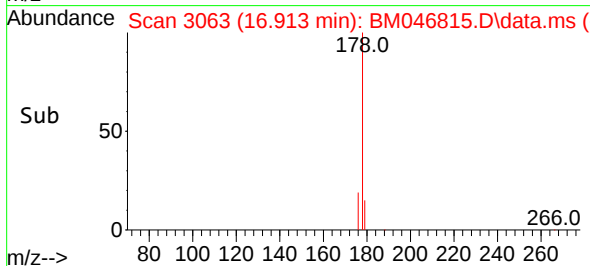
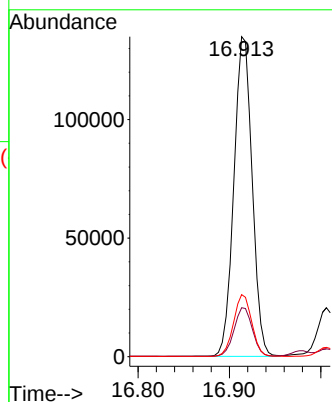
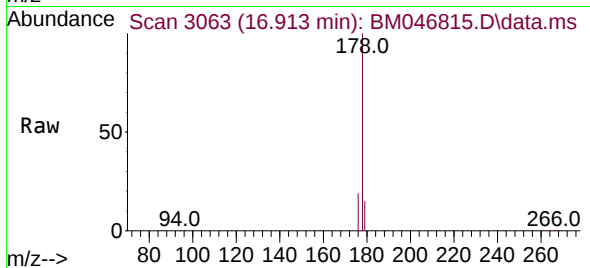
Tgt Ion:178 Resp: 187690

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.2
176	19.4	16.1	24.1

Manual Integrations

APPROVED

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



#16

Anthracene

Concen: 0.716 ng/ul

RT: 17.006 min Scan# 3085

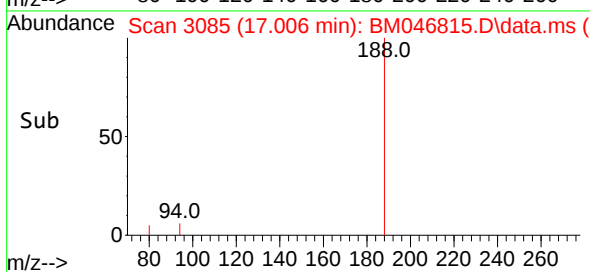
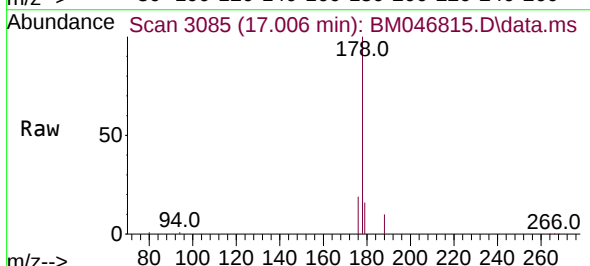
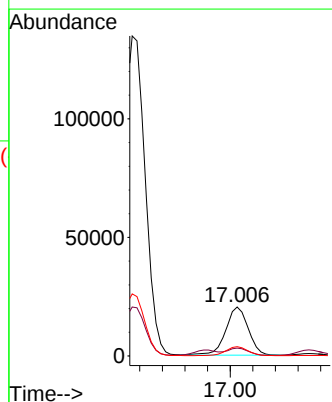
Delta R.T. 0.000 min

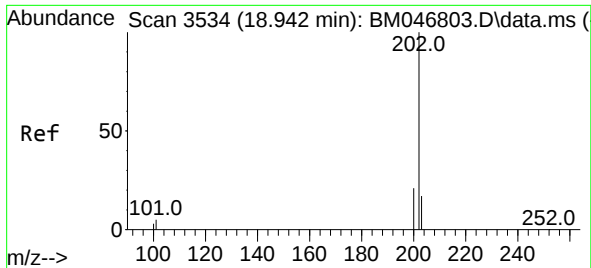
Lab File: BM046815.D

Acq: 26 Jul 2024 00:29

Tgt Ion:178 Resp: 27970

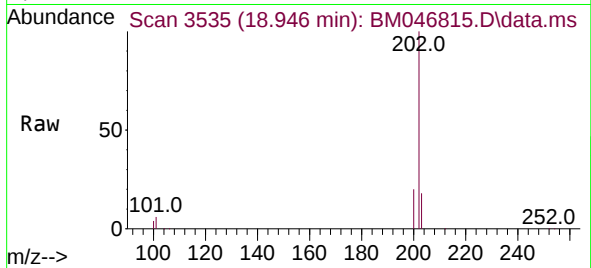
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	18.8	15.0	22.6





#19
Fluoranthene
Concen: 8.487 ng/u1
RT: 18.946 min Scan# 3534
Delta R.T. 0.005 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

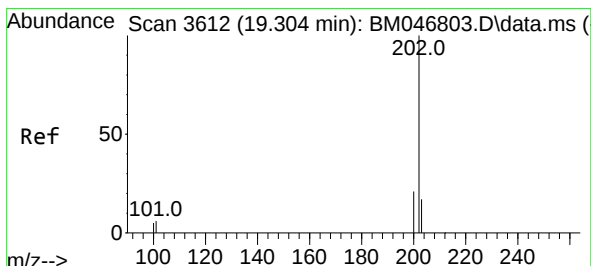
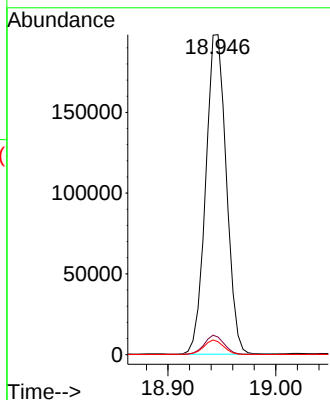
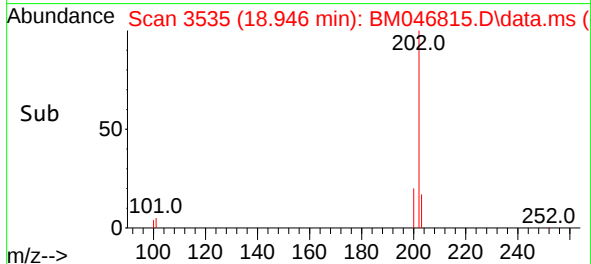
Instrument :
BNA_M
ClientSampleId :
A4BA8



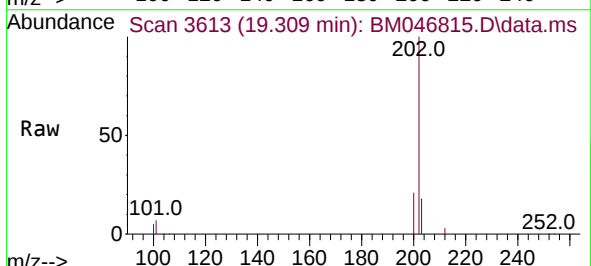
Tgt Ion:202 Resp: 262339
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.1 3.4 5.2

Manual Integrations
APPROVED

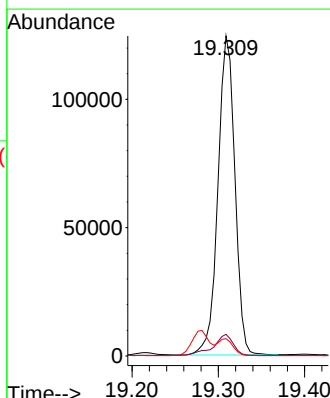
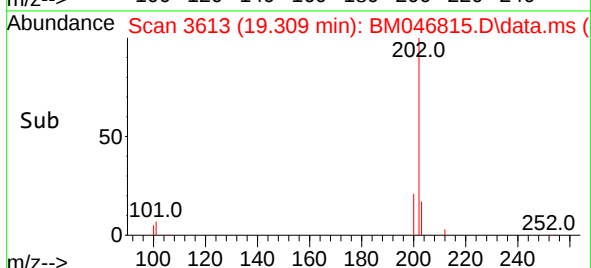
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

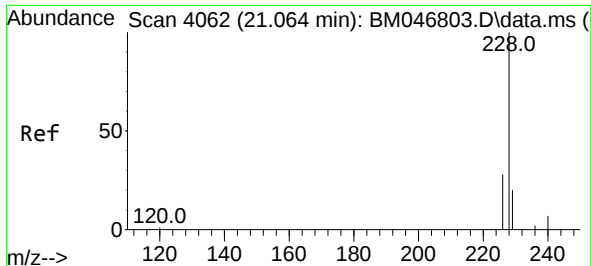


#20
Pyrene
Concen: 5.332 ng/u1
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29



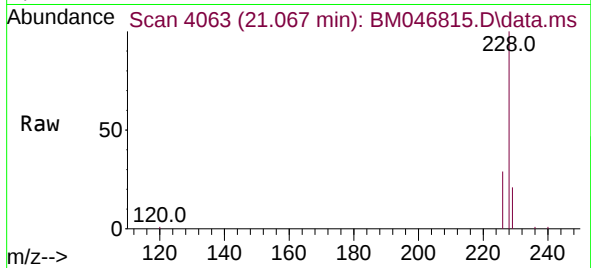
Tgt Ion:202 Resp: 170497
Ion Ratio Lower Upper
202 100
101 6.8 5.2 7.8
100 5.4 4.3 6.5





#21
Benzo(a)anthracene
Concen: 3.049 ng/ul
RT: 21.067 min Scan# 4062
Delta R.T. 0.003 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

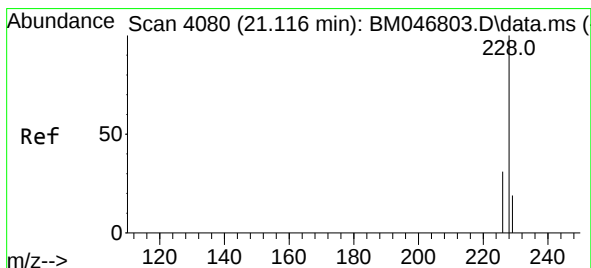
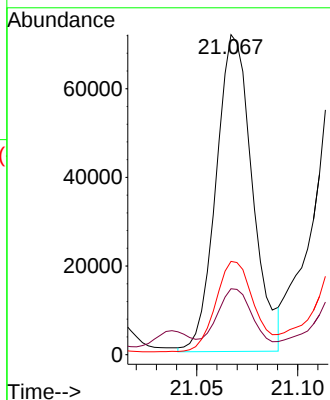
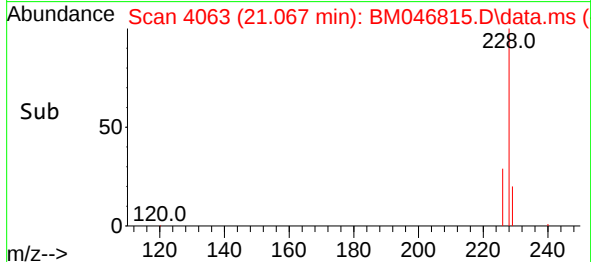
Instrument :
BNA_M
ClientSampleId :
A4BA8



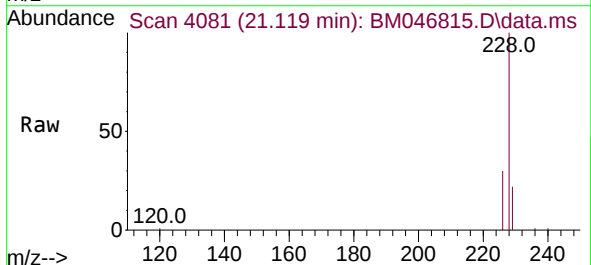
Tgt Ion:228 Resp: 89409
Ion Ratio Lower Upper
228 100
229 20.6 16.3 24.5
226 29.2 22.3 33.5

Manual Integrations
APPROVED

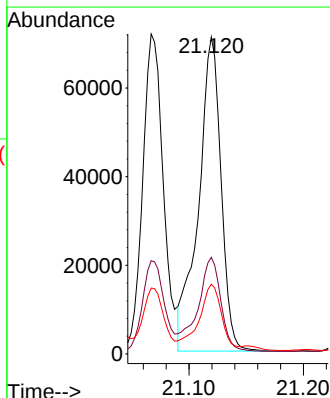
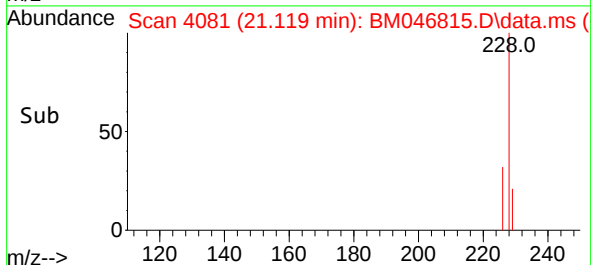
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

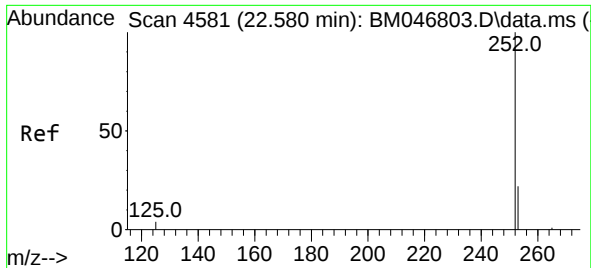


#22
Chrysene
Concen: 3.266 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29



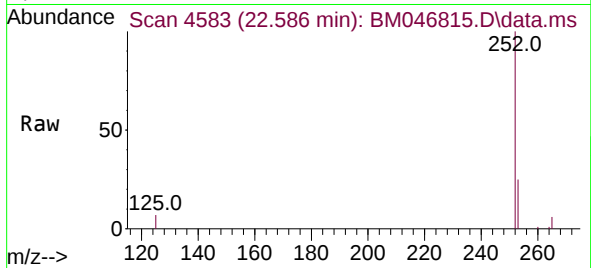
Tgt Ion:228 Resp: 97310
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 3.653 ng/ul m
RT: 22.586 min Scan# 4581
Delta R.T. 0.006 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

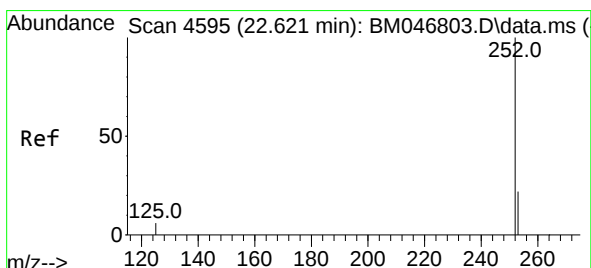
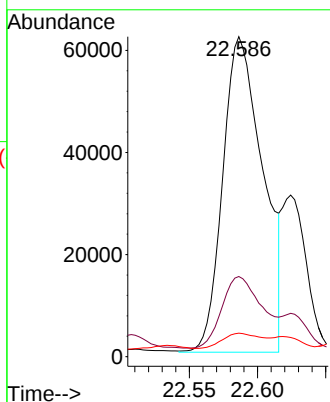
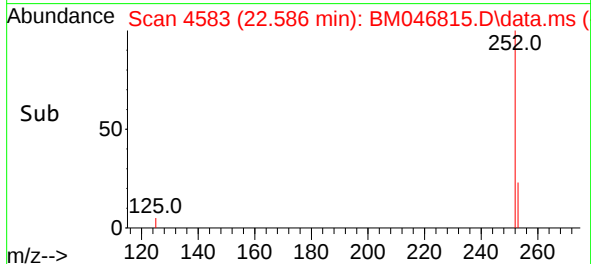
Instrument :
BNA_M
ClientSampleId :
A4BA8



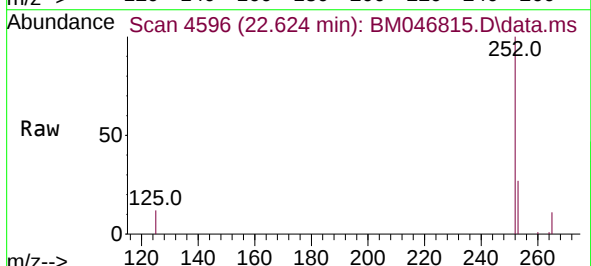
Tgt Ion:252 Resp: 12675
Ion Ratio Lower Upper
252 100
253 25.1 0.0 56.4
125 7.3 0.0 15.8

Manual Integrations
APPROVED

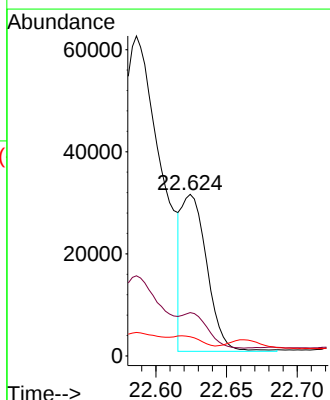
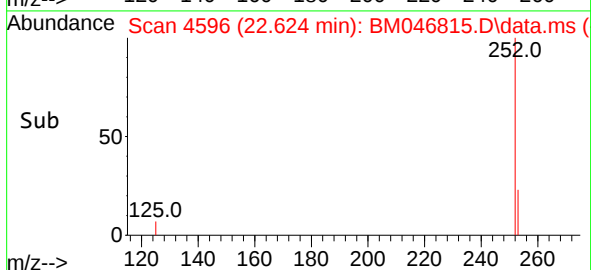
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

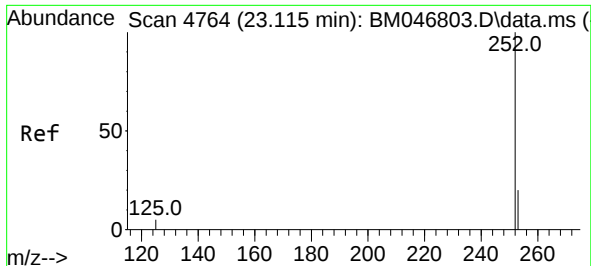


#25
Benzo(k)fluoranthene
Concen: 1.098 ng/ul m
RT: 22.624 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29



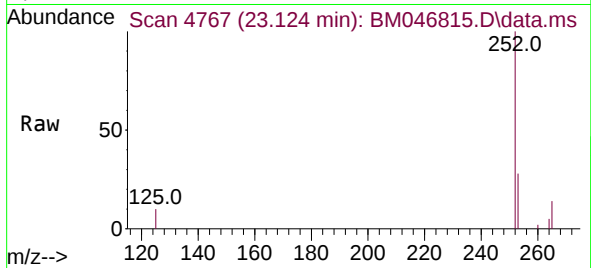
Tgt Ion:252 Resp: 38380
Ion Ratio Lower Upper
252 100
253 26.8 23.5 35.3
125 11.9 8.6 13.0





#26
Benzo(a)pyrene
Concen: 1.791 ng/ul
RT: 23.124 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

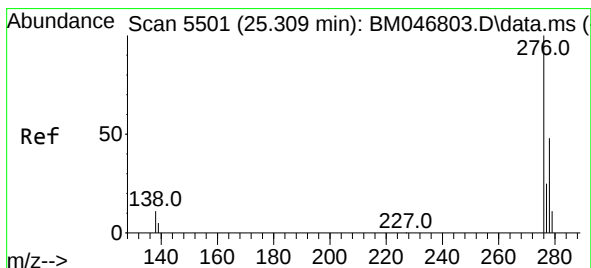
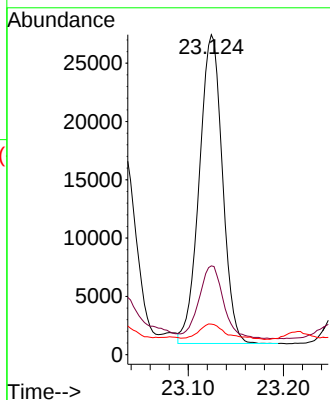
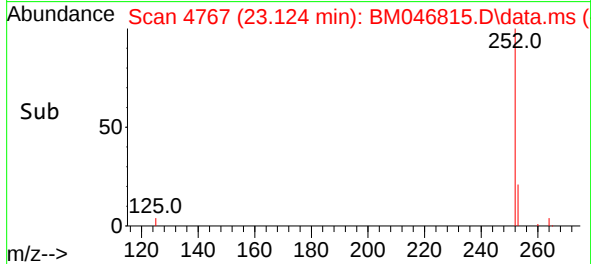
Instrument :
BNA_M
ClientSampleId :
A4BA8



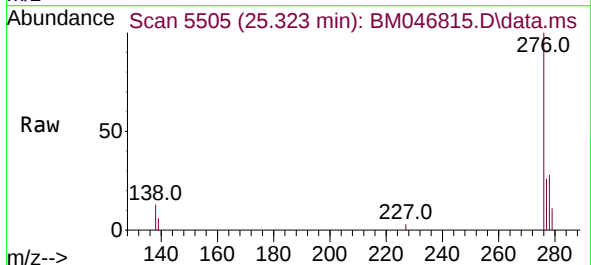
Tgt Ion:252 Resp: 4462
Ion Ratio Lower Upper
252 100
253 27.7 26.0 39.0
125 9.6 7.8 11.8

Manual Integrations
APPROVED

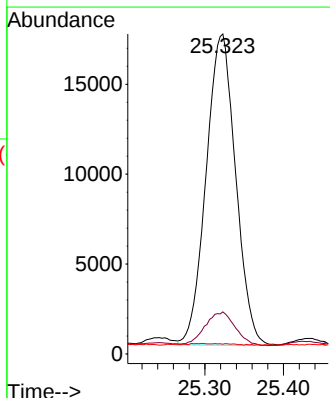
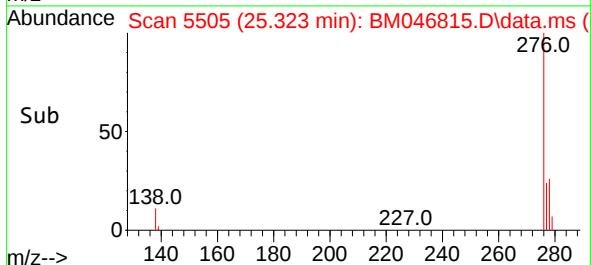
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

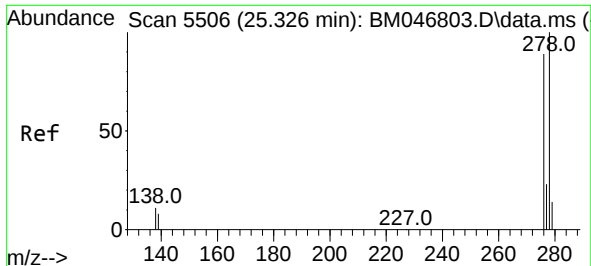


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.178 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. 0.007 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29



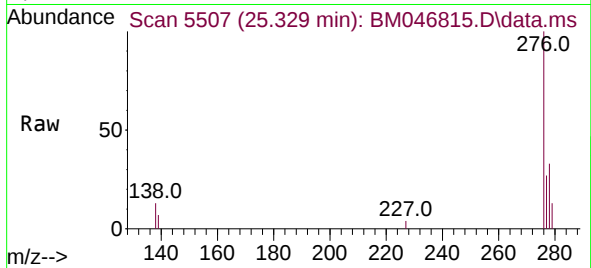
Tgt Ion:276 Resp: 45177
Ion Ratio Lower Upper
276 100
138 11.1 9.7 14.5
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.520 ng/ul
RT: 25.329 min Scan# 5507
Delta R.T. -0.003 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29

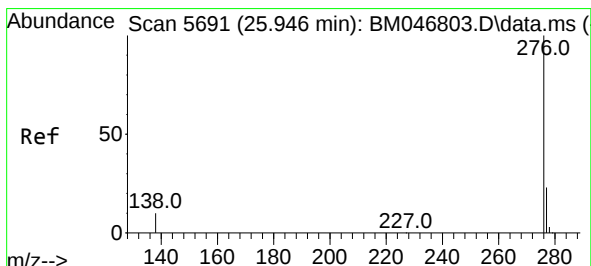
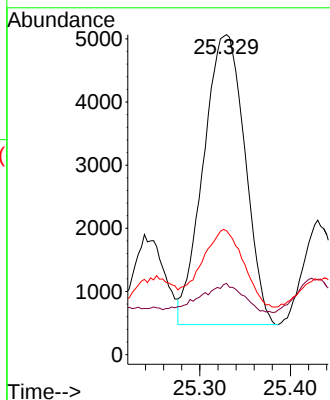
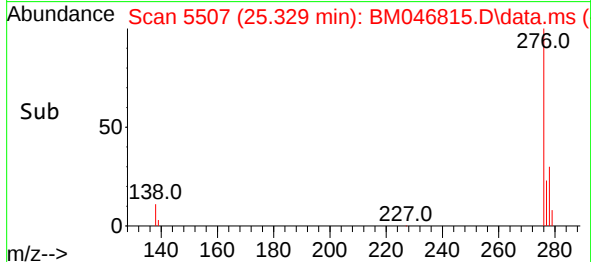
Instrument :
BNA_M
ClientSampleId :
A4BA8



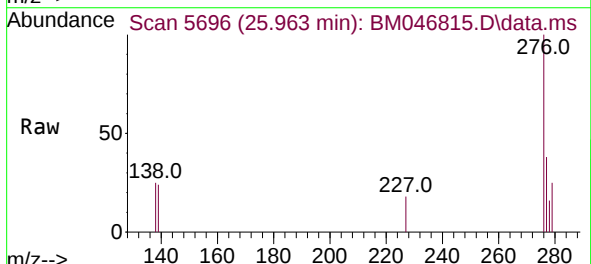
Tgt Ion:278 Resp: 14604
Ion Ratio Lower Upper
278 100
139 22.3 9.8 14.8#
279 38.7 25.2 37.8#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.214 ng/ul
RT: 25.963 min Scan# 5696
Delta R.T. 0.010 min
Lab File: BM046815.D
Acq: 26 Jul 2024 00:29



Tgt Ion:276 Resp: 7214
Ion Ratio Lower Upper
276 100
138 24.9 9.5 14.3#
277 38.0 20.9 31.3#

