

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046813.D
 Acq On : 25 Jul 2024 23:17
 Operator : MA/JU
 Sample : P3263-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK8

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 00:31:22 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	4514	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	13100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	8129	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	16026	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.082	240	6992	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	8394	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	9440	2.987	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	5056	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	7718	0.339	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	32319	0.975	ng/ul	97
7) 2-Methylnaphthalene	11.903	142	17869	0.784	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	11943	0.507	ng/ul	100
10) Acenaphthylene	13.835	152	31773	0.853	ng/ul	98
11) Acenaphthene	14.182	153	28995	1.147	ng/ul	99
12) Fluorene	15.176	166	49270	1.560	ng/ul	98
14) Pentachlorophenol	16.532	266	364	0.050	ng/ul	98
15) Phenanthrene	16.916	178	661587	14.363	ng/ul	97
16) Anthracene	17.005	178	115177	2.686	ng/ul	99
19) Fluoranthene	18.945	202	756697	24.642	ng/ul	99
20) Pyrene	19.308	202	494092	15.554	ng/ul	100
21) Benzo(a)anthracene	21.064	228	275783	9.465	ng/ul	99
22) Chrysene	21.117	228	266614	9.008	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	373937m	10.147	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	125929m	3.391	ng/ul	
26) Benzo(a)pyrene	23.122	252	147281m	5.567	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.323	276	146420	3.596	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.330	278	46037	1.545	ng/ul	98
29) Benzo(g,h,i)perylene	25.967	276	25516	0.712	ng/ul#	89

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

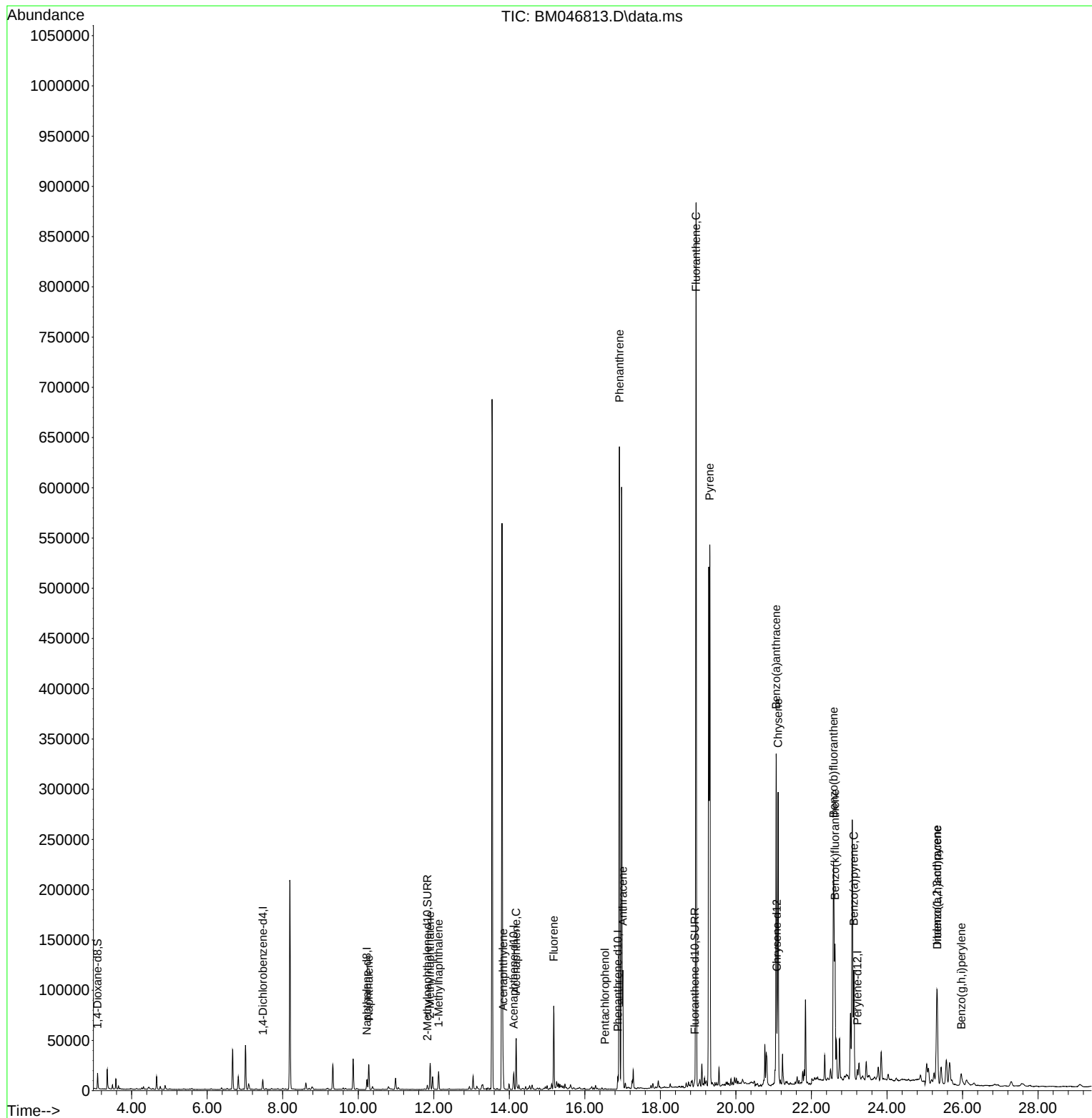
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046813.D
Acq On : 25 Jul 2024 23:17
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

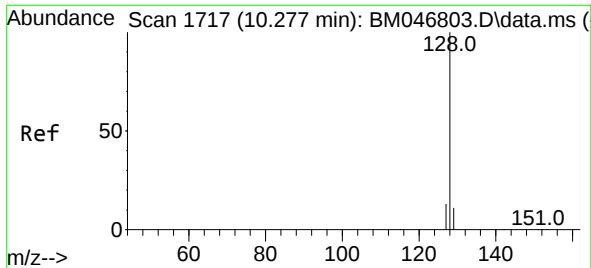
Instrument :
BNA_M
ClientSampleId :
A4CK8

Manual Integrations
APPROVED

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

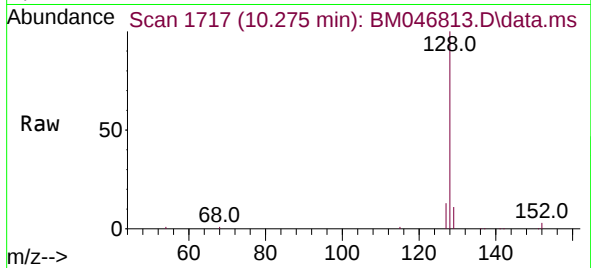
Quant Time: Jul 26 00:31:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.975 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

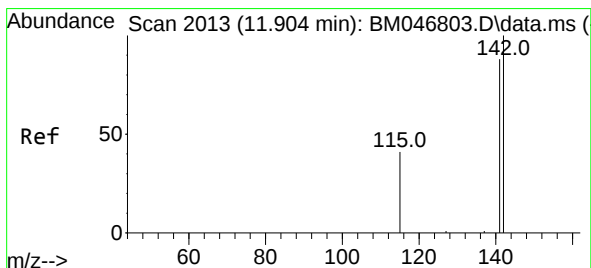
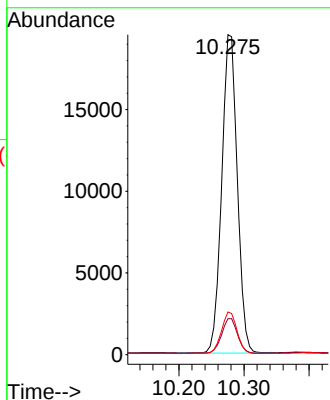
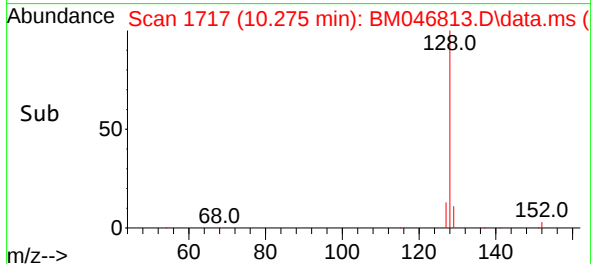
Instrument :
BNA_M
ClientSampleId :
A4CK8



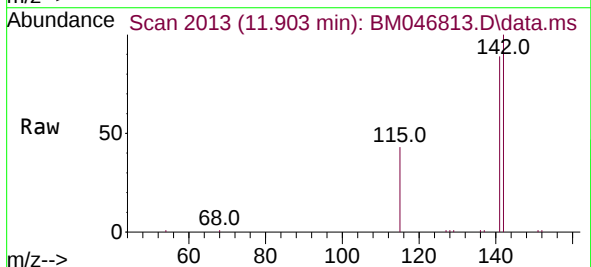
Tgt Ion:128 Resp: 32319
Ion Ratio Lower Upper
128 100
129 11.2 10.1 15.1
127 13.4 11.5 17.3

Manual Integrations
APPROVED

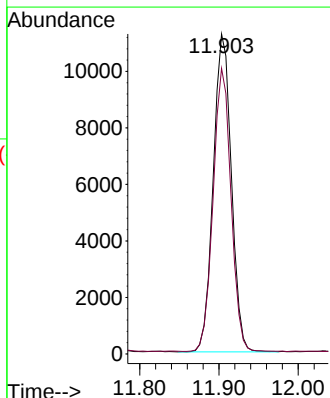
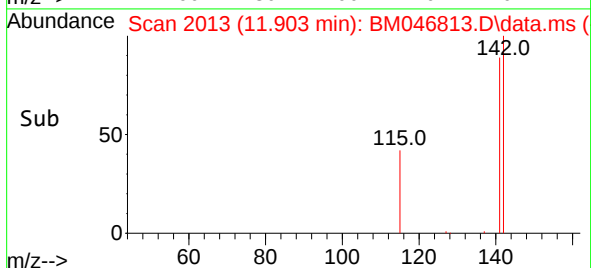
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

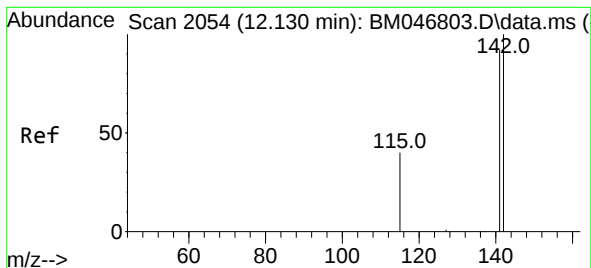


#7
2-Methylnaphthalene
Concen: 0.784 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17



Tgt Ion:142 Resp: 17869
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.507 ng/ul

RT: 12.129 min Scan# 2054

Delta R.T. -0.001 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Instrument :

BNA_M

ClientSampleId :

A4CK8

Tgt Ion:142 Resp: 1194

Ion Ratio Lower Upper

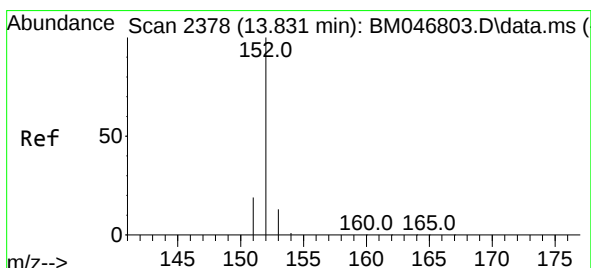
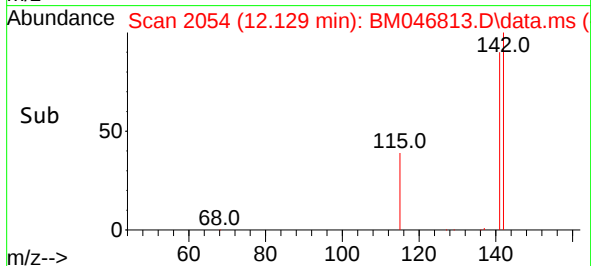
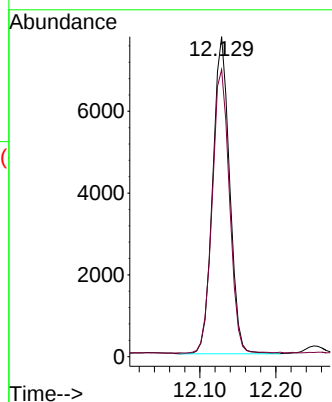
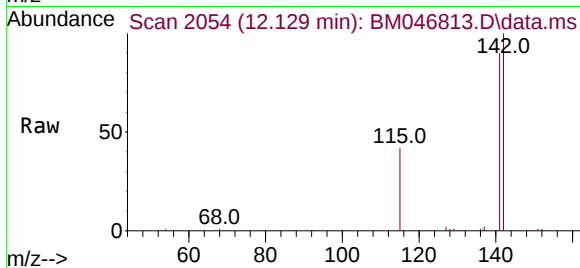
142 100

141 91.3 73.1 109.7

Manual Integrations

APPROVED

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



#10

Acenaphthylene

Concen: 0.853 ng/ul

RT: 13.835 min Scan# 2379

Delta R.T. 0.003 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

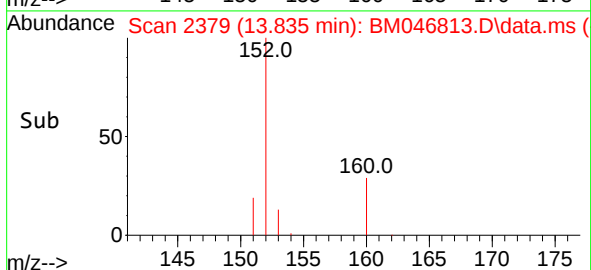
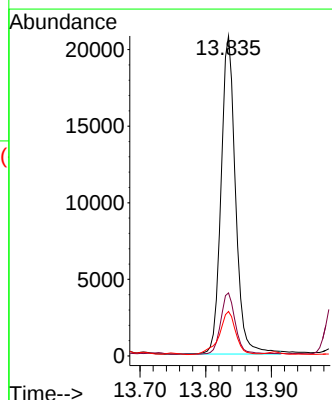
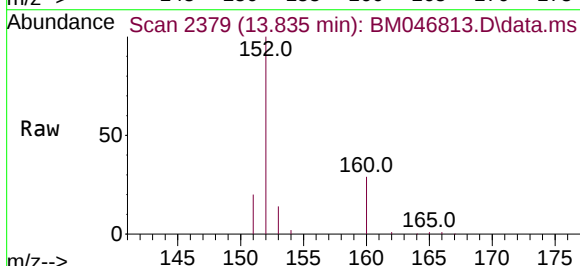
Tgt Ion:152 Resp: 31773

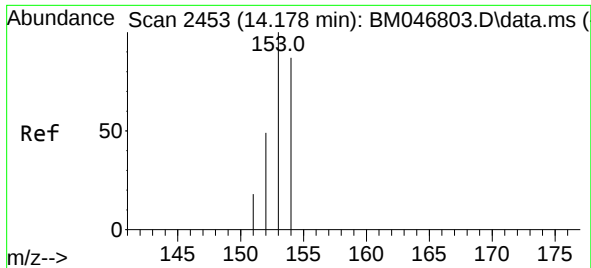
Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

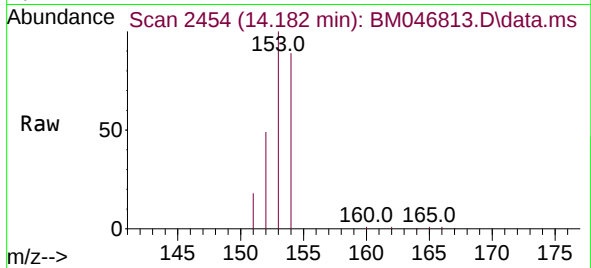
153 13.9 11.0 16.6





#11
Acenaphthene
Concen: 1.147 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

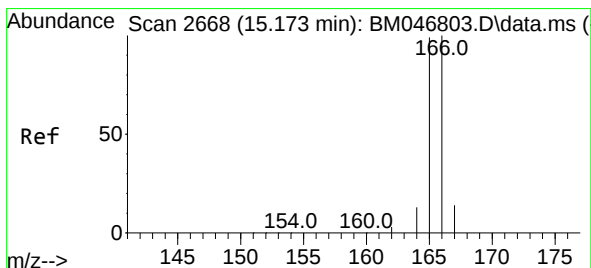
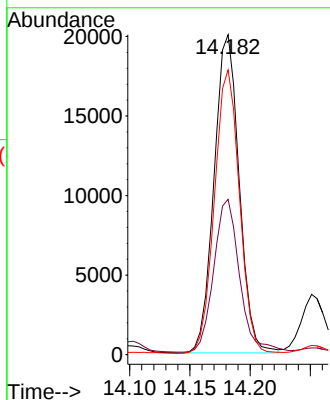
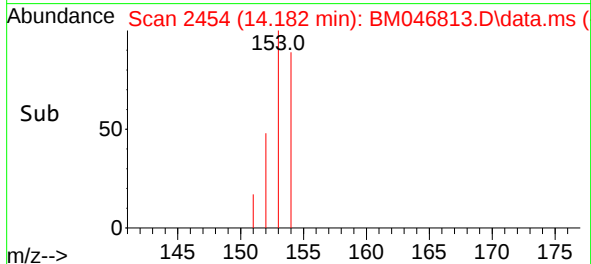
Instrument :
BNA_M
ClientSampleId :
A4CK8



Tgt Ion:153 Resp: 2899
Ion Ratio Lower Upper
153 100
152 48.5 38.6 57.8
154 89.0 70.8 106.2

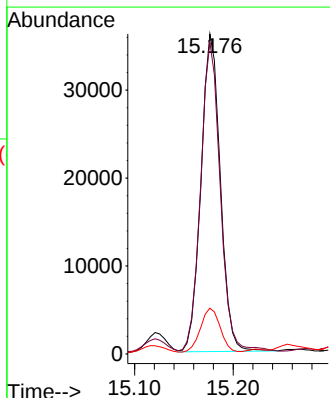
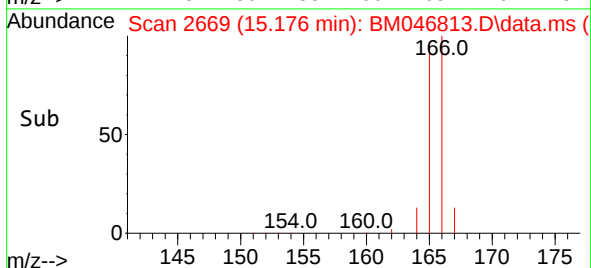
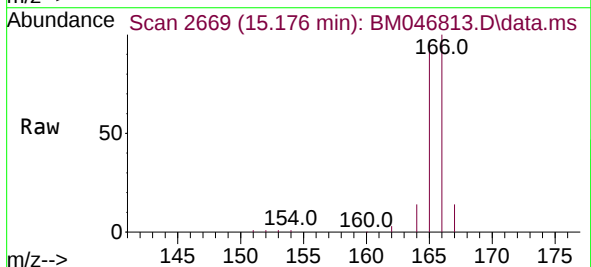
Manual Integrations
APPROVED

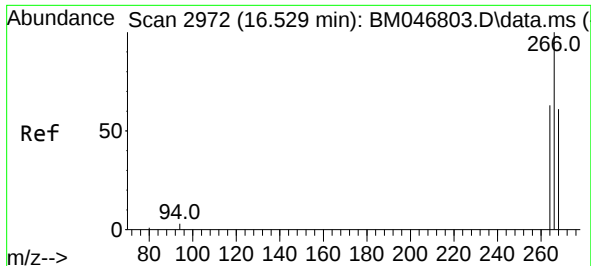
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 1.560 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

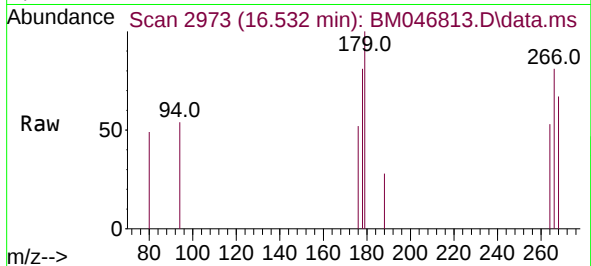
Tgt Ion:166 Resp: 49270
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.6
167 14.3 12.3 18.5





#14
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

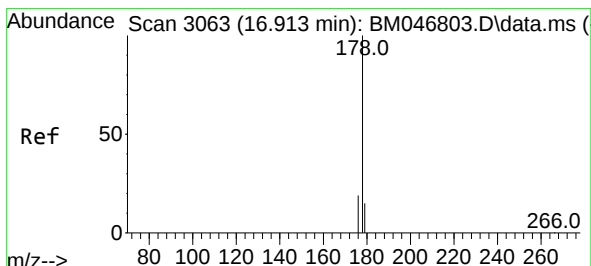
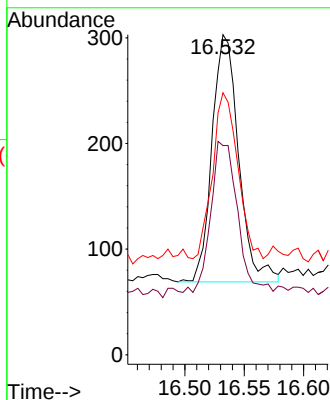
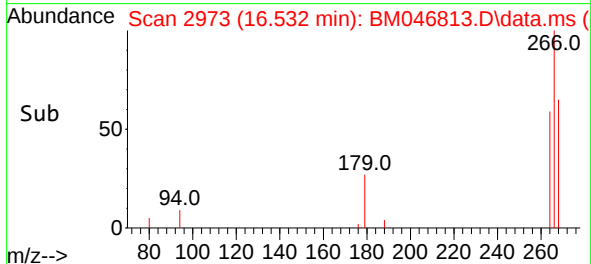
Instrument :
BNA_M
ClientSampleId :
A4CK8



Tgt Ion:266 Resp: 364
Ion Ratio Lower Upper
266 100
264 64.6 51.1 76.7
268 66.8 51.8 77.6

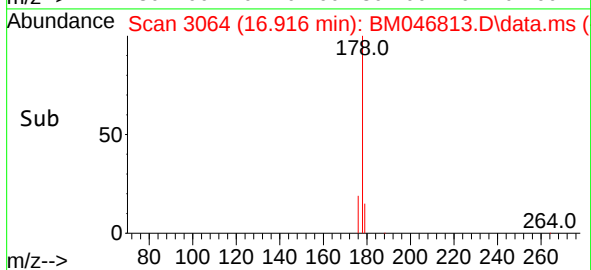
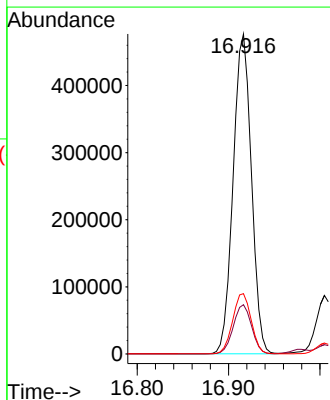
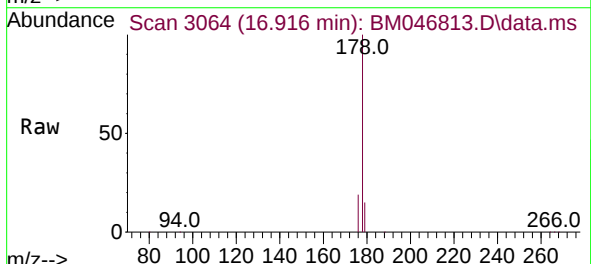
Manual Integrations
APPROVED

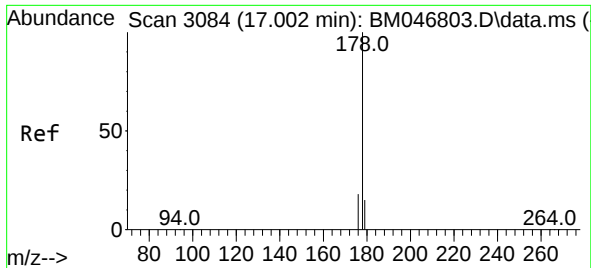
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#15
Phenanthrene
Concen: 14.363 ng/ul
RT: 16.916 min Scan# 3064
Delta R.T. 0.003 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

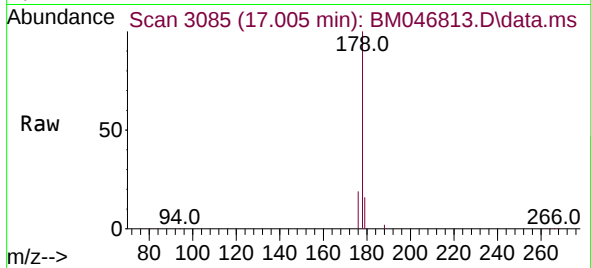
Tgt Ion:178 Resp: 661587
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 18.9 16.1 24.1





#16
 Anthracene
 Concen: 2.686 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046813.D
 Acq: 25 Jul 2024 23:17

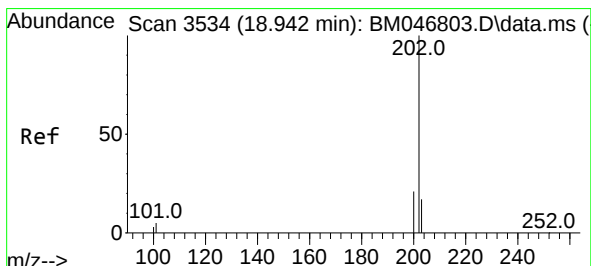
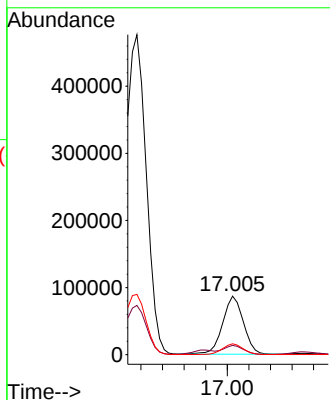
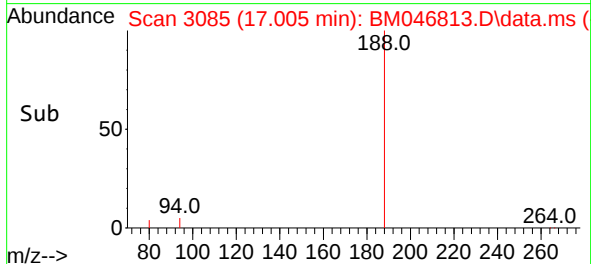
Instrument :
 BNA_M
 ClientSampleId :
 A4CK8



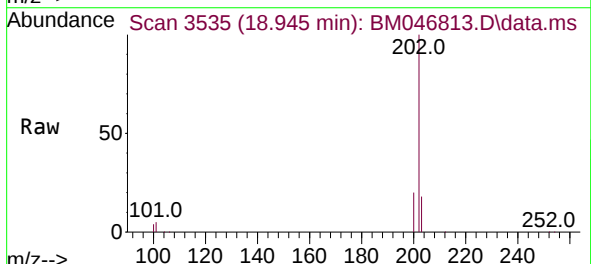
Tgt Ion:178 Resp: 115177
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.1 19.7
 176 18.6 15.0 22.6

Manual Integrations
 APPROVED

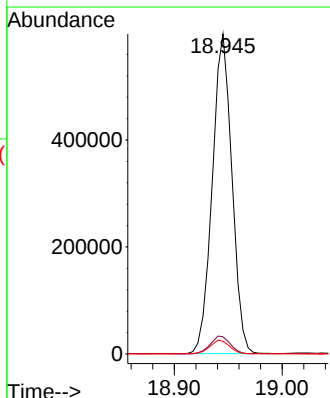
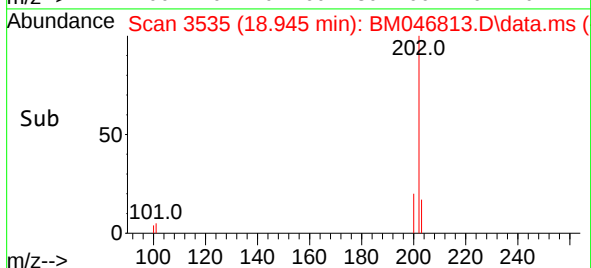
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

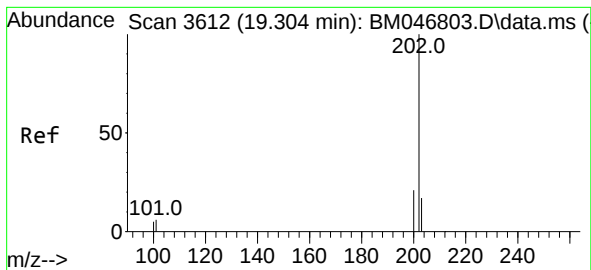


#19
 Fluoranthene
 Concen: 24.642 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046813.D
 Acq: 25 Jul 2024 23:17



Tgt Ion:202 Resp: 756697
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.7 7.1
 100 4.0 3.4 5.2





#20

Pyrene

Concen: 15.554 ng/ul

RT: 19.308 min Scan# 30

Delta R.T. 0.003 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Instrument :

BNA_M

ClientSampleId :

A4CK8

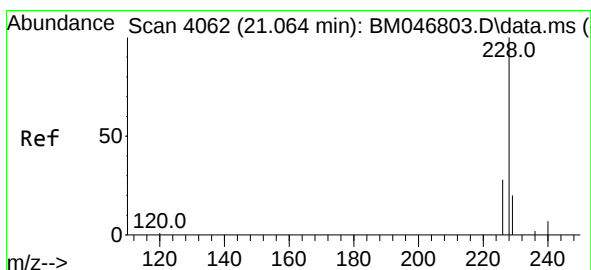
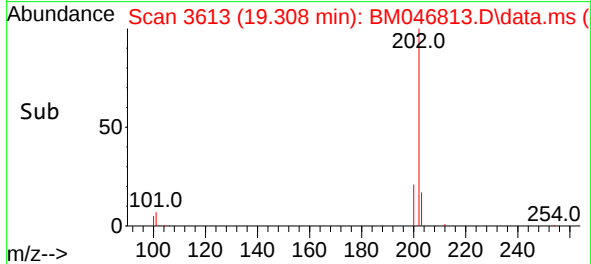
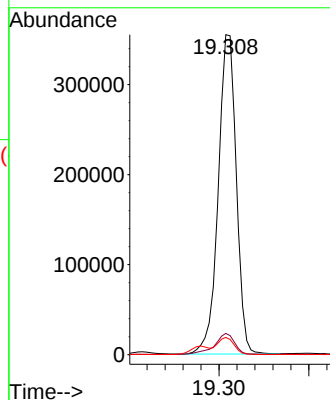
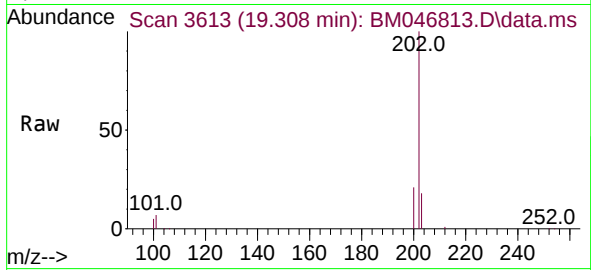
Tgt Ion:202 Resp: 494092

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
100	5.4	4.3	6.5

Manual Integrations

APPROVED

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



#21

Benzo(a)anthracene

Concen: 9.465 ng/ul

RT: 21.064 min Scan# 4062

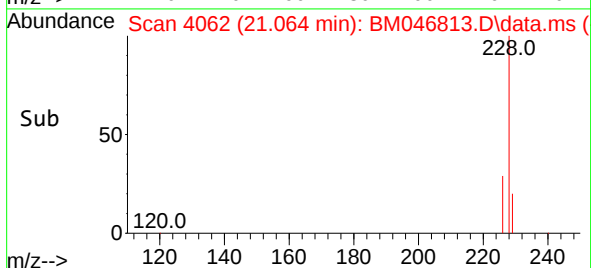
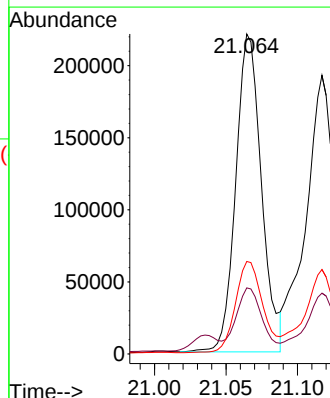
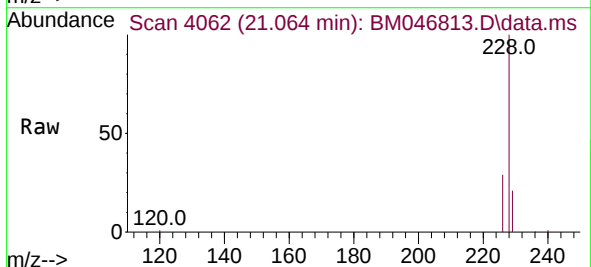
Delta R.T. 0.000 min

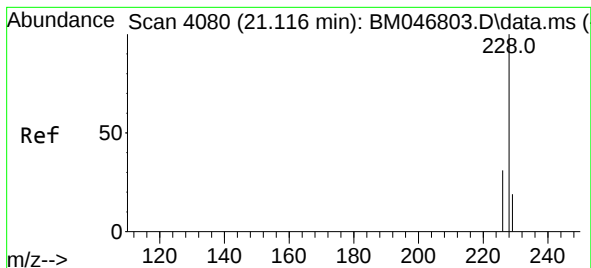
Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Tgt Ion:228 Resp: 275783

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.3	24.5
226	28.9	22.3	33.5





#22

Chrysene

Concen: 9.008 ng/ul

RT: 21.117 min Scan# 4080

Delta R.T. 0.000 min

Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Instrument :

BNA_M

ClientSampleId :

A4CK8

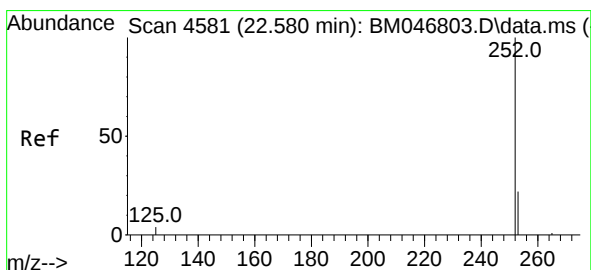
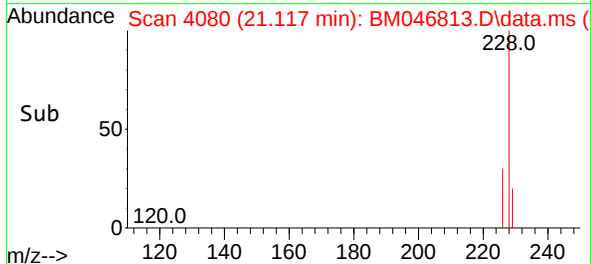
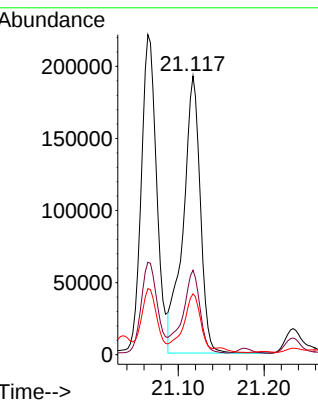
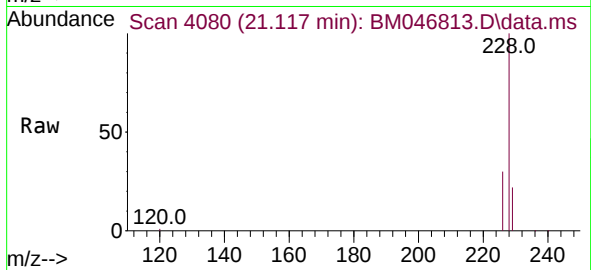
Tgt Ion:228 Resp: 266614

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	21.8	16.2	24.2

Manual Integrations

APPROVED

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



#24

Benzo(b)fluoranthene

Concen: 10.147 ng/ul m

RT: 22.587 min Scan# 4583

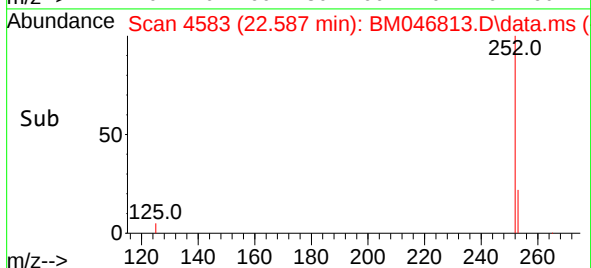
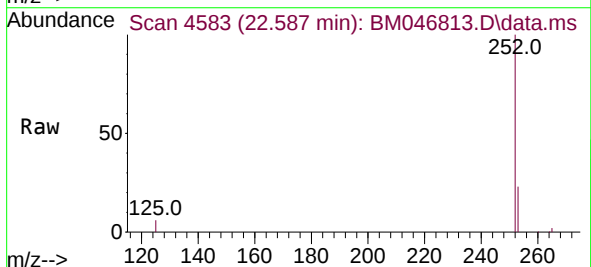
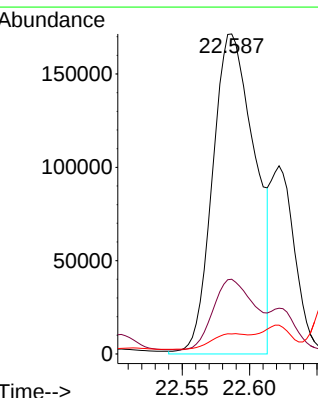
Delta R.T. 0.006 min

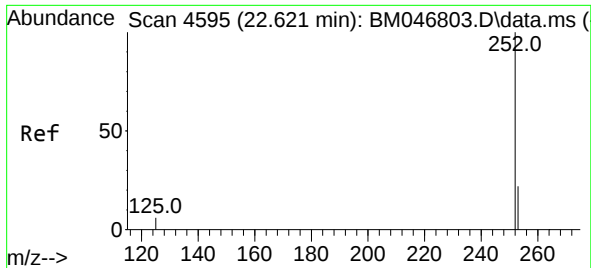
Lab File: BM046813.D

Acq: 25 Jul 2024 23:17

Tgt Ion:252 Resp: 373937

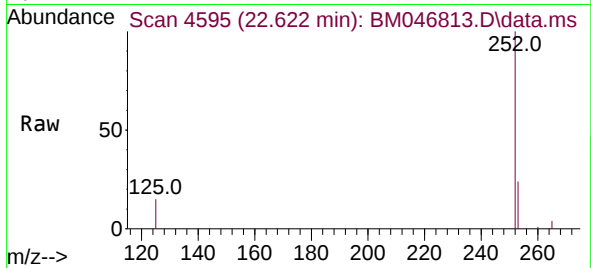
Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	56.4
125	6.3	0.0	15.8





#25
Benzo(k)fluoranthene
Concen: 3.391 ng/ul m
RT: 22.622 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

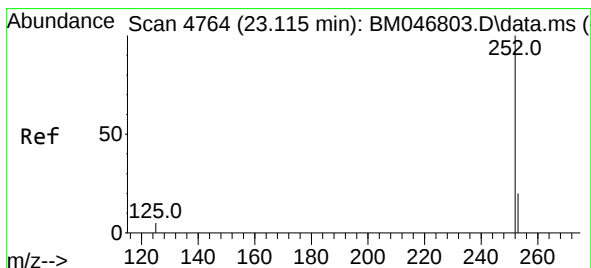
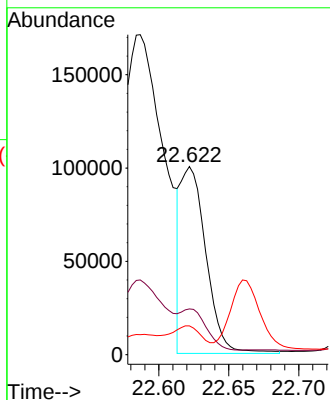
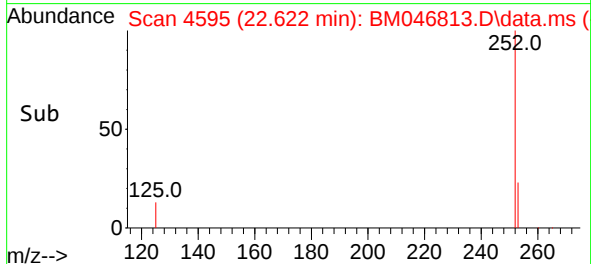
Instrument :
BNA_M
ClientSampleId :
A4CK8



Tgt Ion:252 Resp: 125929
Ion Ratio Lower Upper
252 100
253 24.3 23.5 35.3
125 15.3 8.6 13.0

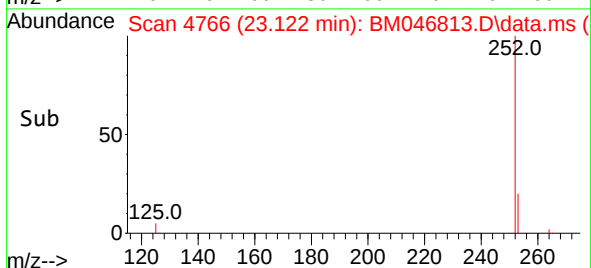
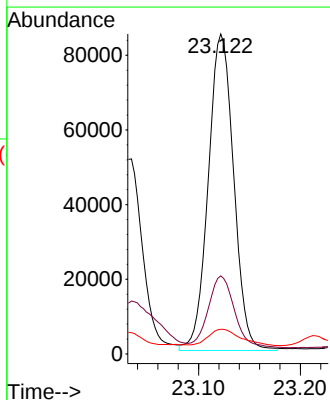
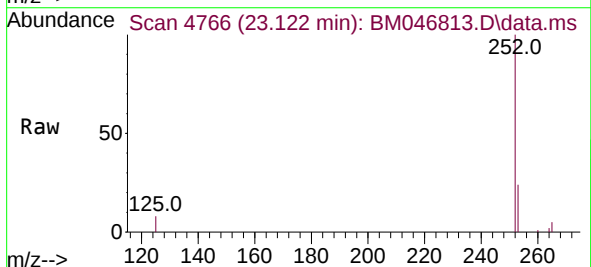
Manual Integrations
APPROVED

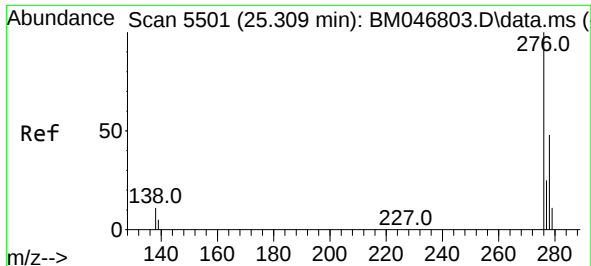
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#26
Benzo(a)pyrene
Concen: 5.567 ng/ul m
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

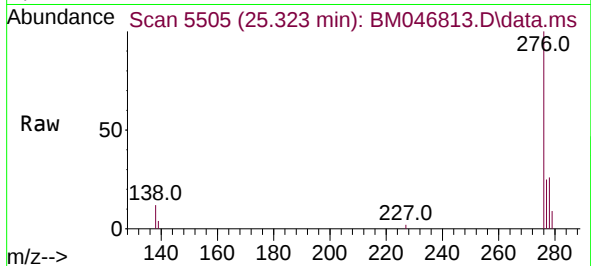
Tgt Ion:252 Resp: 147281
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0#
125 7.7 7.8 11.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.596 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. 0.007 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

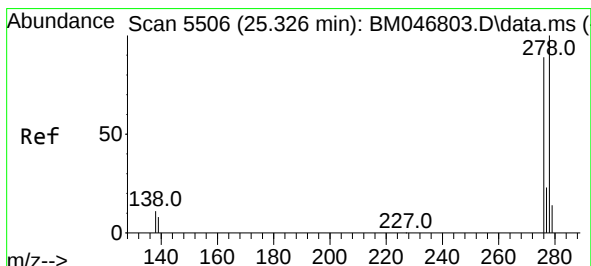
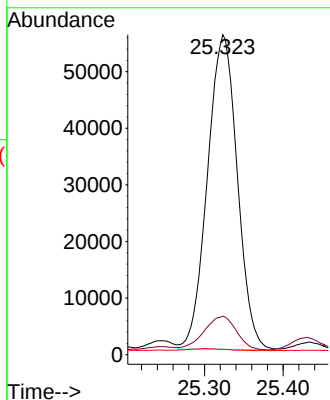
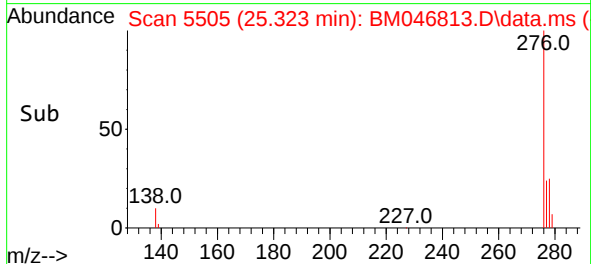
Instrument :
BNA_M
ClientSampleId :
A4CK8



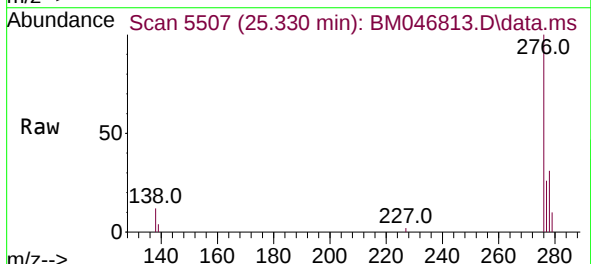
Tgt Ion:276 Resp: 146420
Ion Ratio Lower Upper
276 100
138 11.8 9.7 14.5
227 0.0 0.2 0.2

Manual Integrations
APPROVED

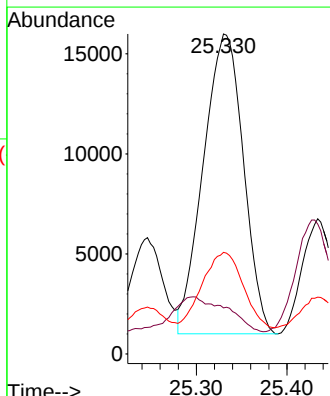
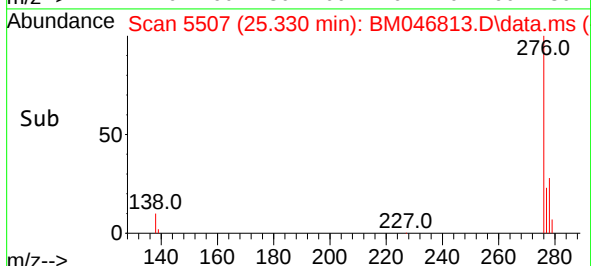
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

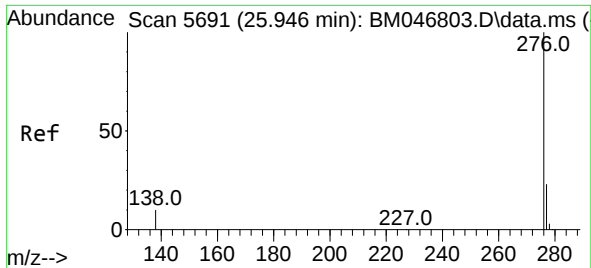


#28
Dibenzo(a,h)anthracene
Concen: 1.545 ng/ul
RT: 25.330 min Scan# 5507
Delta R.T. -0.003 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17



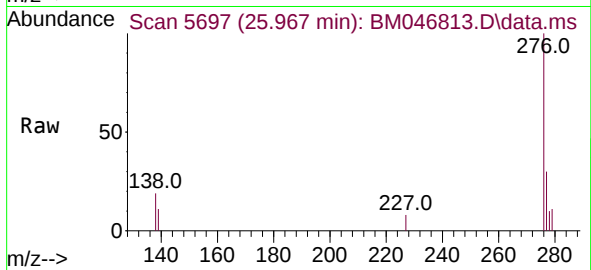
Tgt Ion:278 Resp: 46037
Ion Ratio Lower Upper
278 100
139 14.4 9.8 14.8
279 31.8 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.712 ng/ul
RT: 25.967 min Scan# 50
Delta R.T. 0.014 min
Lab File: BM046813.D
Acq: 25 Jul 2024 23:17

Instrument :
BNA_M
ClientSampleId :
A4CK8



Tgt Ion:276 Resp: 25510
Ion Ratio Lower Upper
276 100
138 19.4 9.5 14.3
277 29.6 20.9 31.3

Manual Integrations
APPROVED

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

