

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046811.D
 Acq On : 25 Jul 2024 22:04
 Operator : MA/JU
 Sample : P3263-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK9

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 00:30:57 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	4682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	13237	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.117	164	8080	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	15140m	0.400	ng/ul	0.00
17) Chrysene-d12	21.085	240	8467	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	8349	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	9507	2.900	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	5078	0.241	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	7689	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	18492	0.552	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	8425	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	5955	0.250	ng/ul	98
10) Acenaphthylene	13.835	152	27411	0.741	ng/ul	99
11) Acenaphthene	14.182	153	13319	0.530	ng/ul	99
12) Fluorene	15.176	166	16623	0.529	ng/ul	100
14) Pentachlorophenol	16.532	266	561	0.082	ng/ul	96
15) Phenanthrene	16.916	178	314563	7.229	ng/ul	97
16) Anthracene	17.005	178	61556	1.520	ng/ul	99
19) Fluoranthene	18.945	202	495410	13.323	ng/ul	99
20) Pyrene	19.308	202	336881	8.758	ng/ul	100
21) Benzo(a)anthracene	21.067	228	195416	5.539	ng/ul	97
22) Chrysene	21.120	228	209099	5.834	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	280635m	7.656	ng/ul	
25) Benzo(k)fluoranthene	22.625	252	105595m	2.859	ng/ul	
26) Benzo(a)pyrene	23.125	252	100908	3.835	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.323	276	103878	2.565	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.330	278	34601	1.167	ng/ul#	95
29) Benzo(g,h,i)perylene	25.967	276	15946	0.447	ng/ul#	81

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

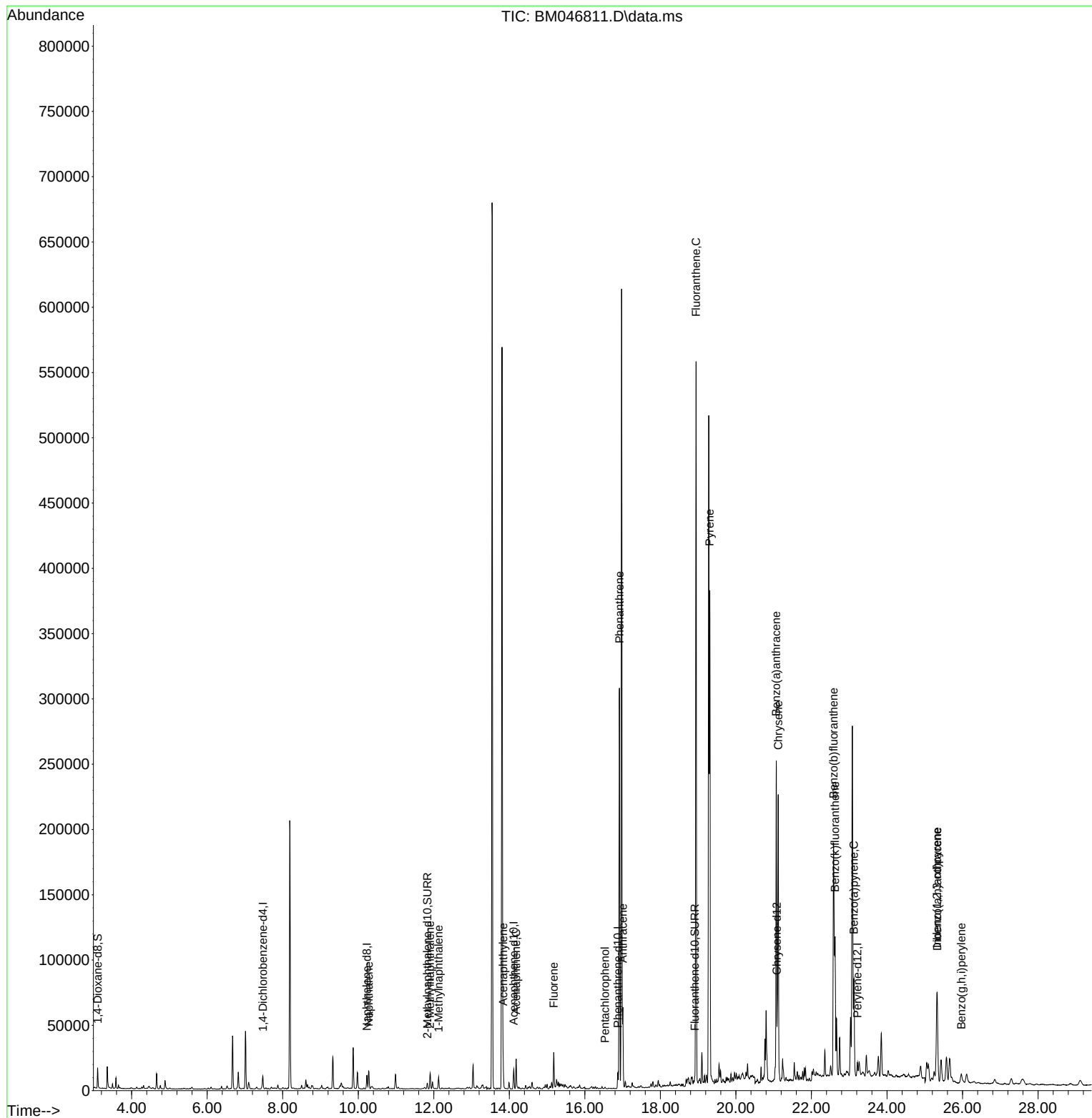
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046811.D
Acq On : 25 Jul 2024 22:04
Operator : MA/JU
Sample : P3263-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

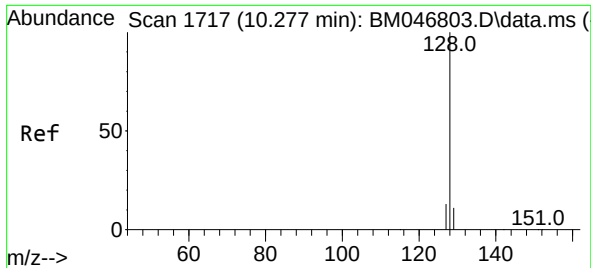
Instrument :
BNA_M
ClientSampleId :
A4CK9

Manual Integrations
APPROVED

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

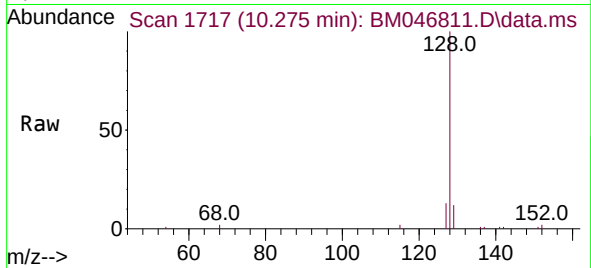
Quant Time: Jul 26 00:30:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.552 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

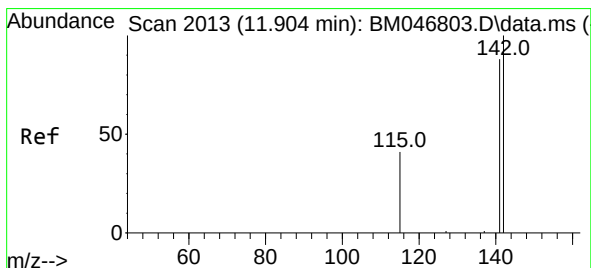
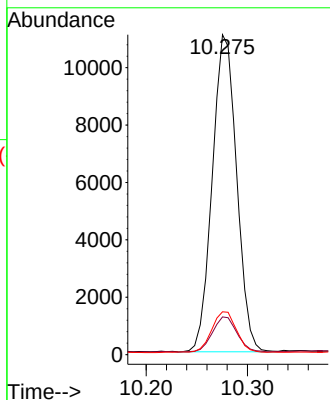
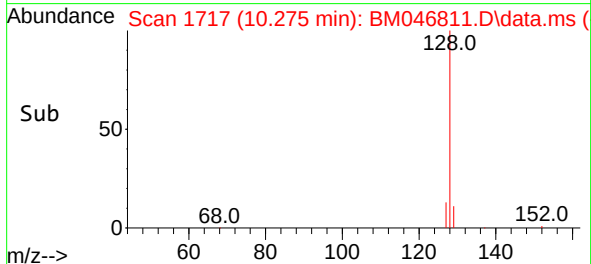
Instrument :
BNA_M
ClientSampleId :
A4CK9



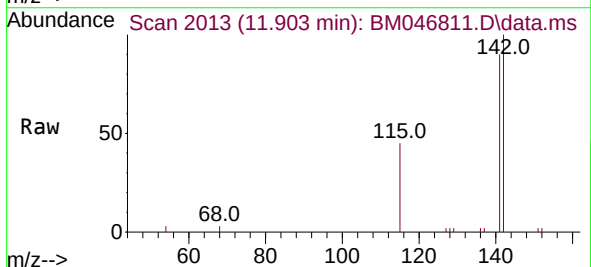
Tgt Ion:128 Resp: 18492
Ion Ratio Lower Upper
128 100
129 11.8 10.1 15.1
127 13.4 11.5 17.3

Manual Integrations
APPROVED

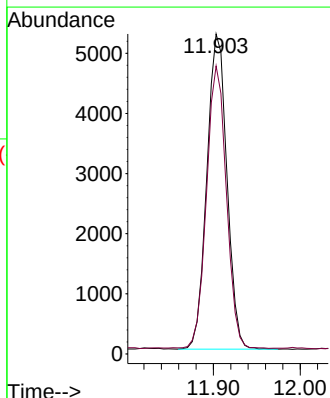
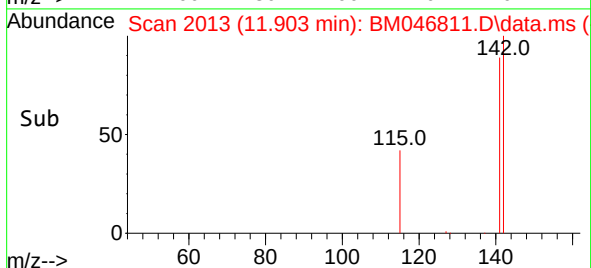
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

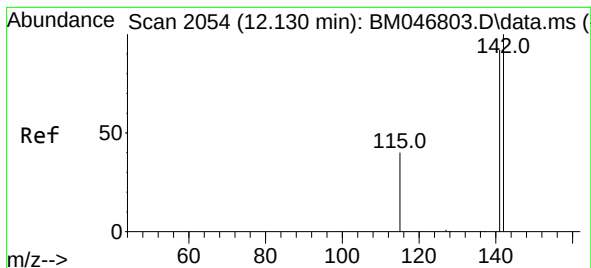


#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04



Tgt Ion:142 Resp: 8425
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.250 ng/ul

RT: 12.129 min Scan# 2054

Delta R.T. -0.001 min

Lab File: BM046811.D

Acq: 25 Jul 2024 22:04

Instrument :

BNA_M

ClientSampleId :

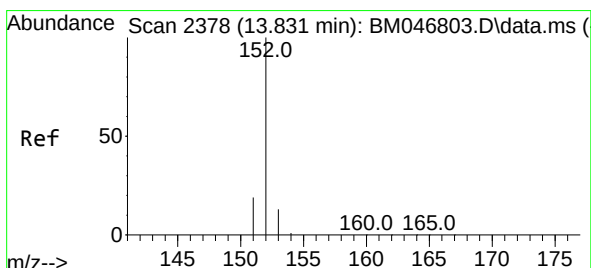
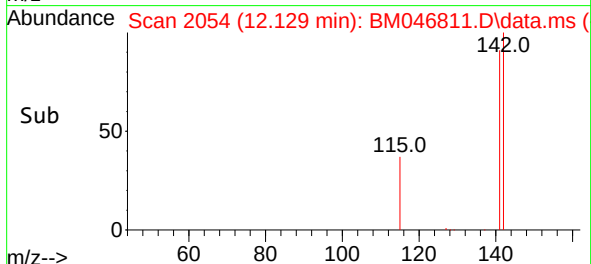
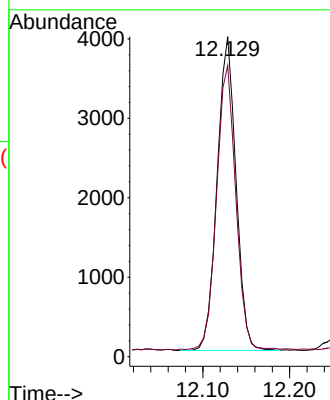
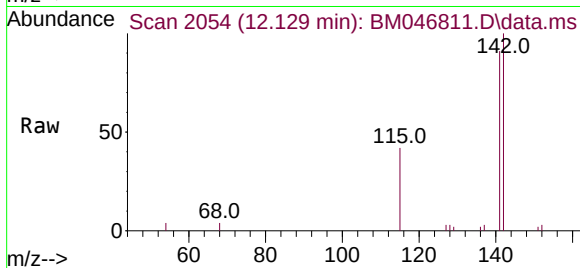
A4CK9

Tgt Ion:142 Resp: 595
 Ion Ratio Lower Upper
 142 100
 141 93.4 73.1 109.7

Manual Integrations

APPROVED

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



#10

Acenaphthylene

Concen: 0.741 ng/ul

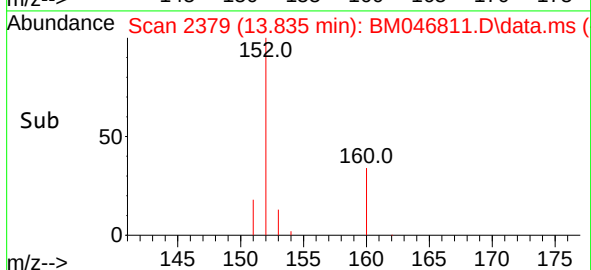
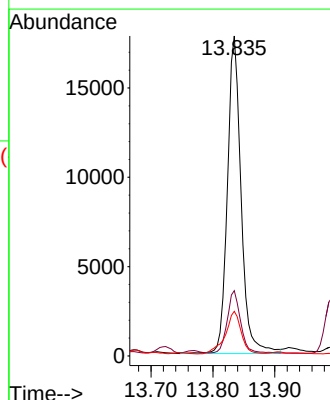
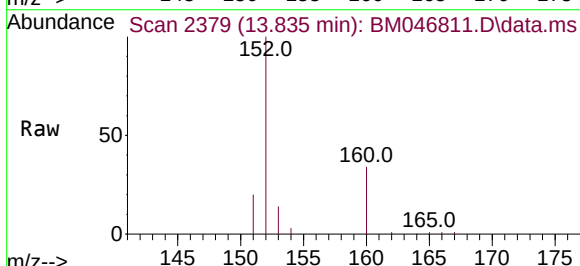
RT: 13.835 min Scan# 2379

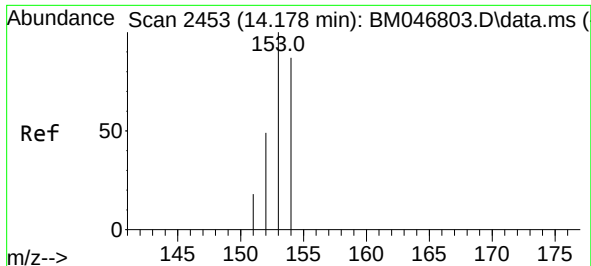
Delta R.T. 0.003 min

Lab File: BM046811.D

Acq: 25 Jul 2024 22:04

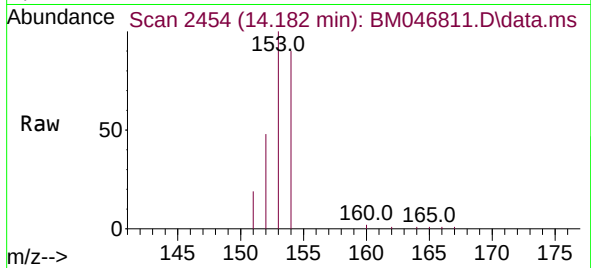
Tgt Ion:152 Resp: 27411
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.9 11.0 16.6





#11
Acenaphthene
Concen: 0.530 ng/u1
RT: 14.182 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

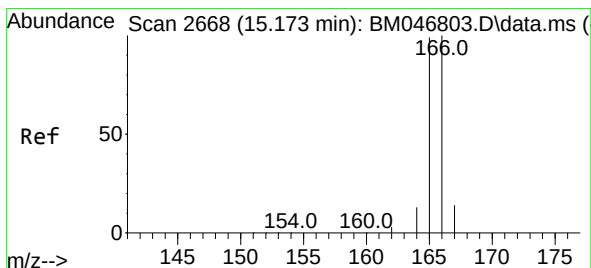
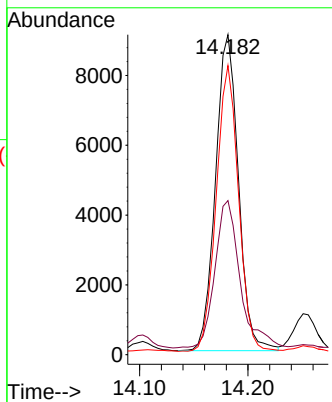
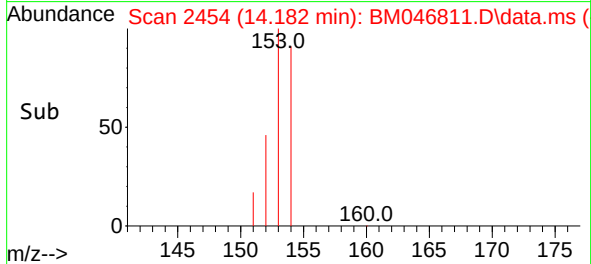
Instrument :
BNA_M
ClientSampleId :
A4CK9



Tgt Ion:153 Resp: 13319
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 90.3 70.8 106.2

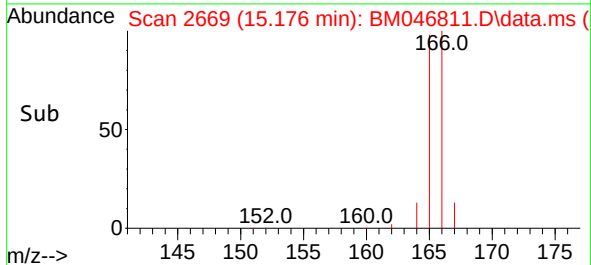
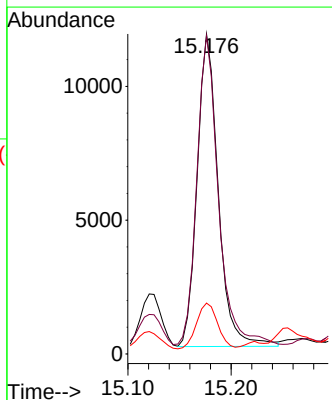
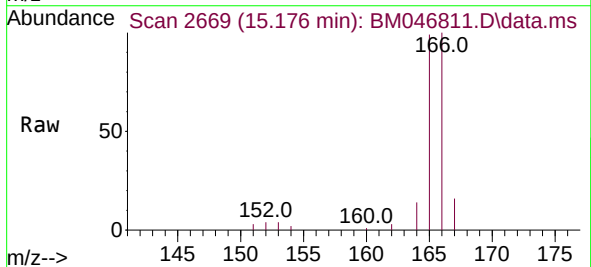
Manual Integrations
APPROVED

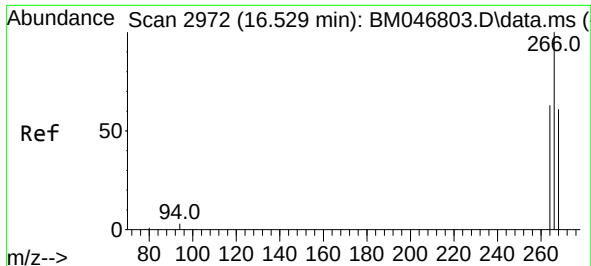
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 0.529 ng/u1
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

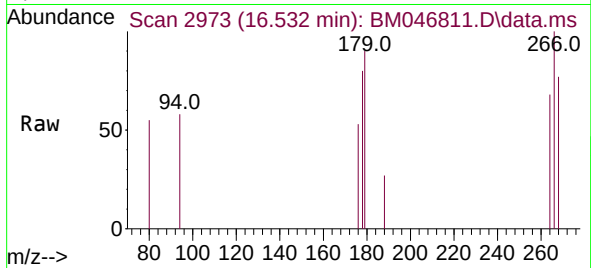
Tgt Ion:166 Resp: 16623
Ion Ratio Lower Upper
166 100
165 99.5 79.8 119.6
167 15.9 12.3 18.5





#14
Pentachlorophenol
Concen: 0.082 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

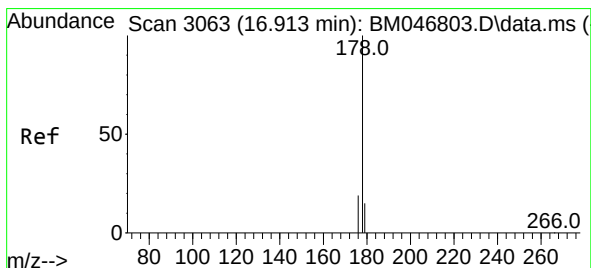
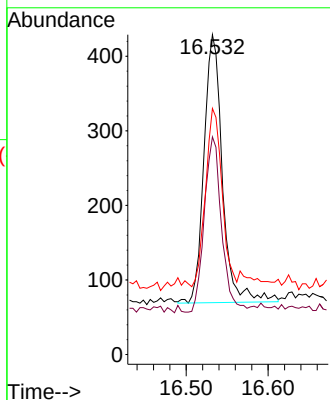
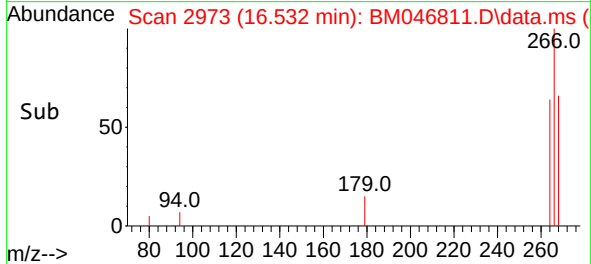
Instrument :
BNA_M
ClientSampleId :
A4CK9



Tgt Ion:266 Resp: 561
Ion Ratio Lower Upper
266 100
264 61.3 51.1 76.7
268 60.2 51.8 77.6

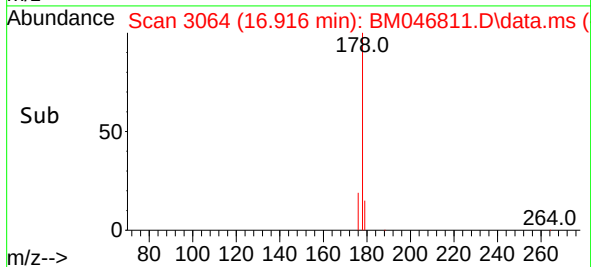
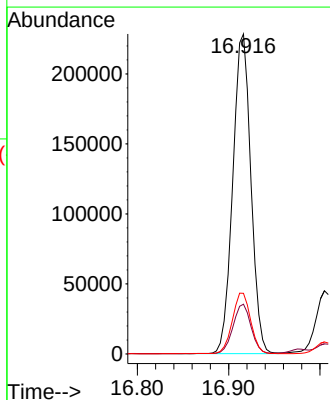
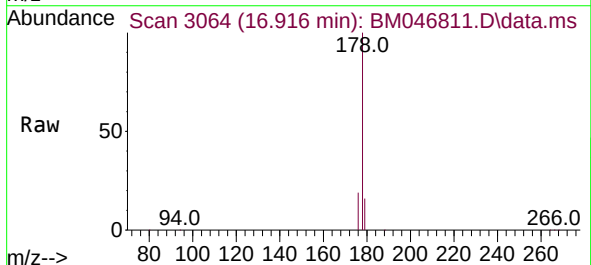
Manual Integrations
APPROVED

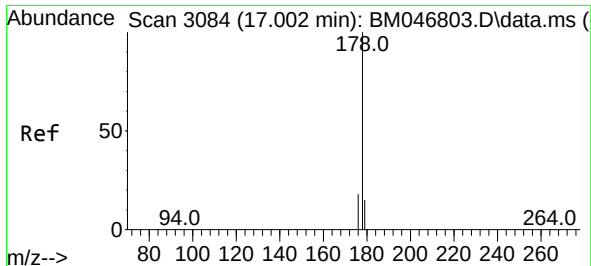
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#15
Phenanthrene
Concen: 7.229 ng/ul
RT: 16.916 min Scan# 3064
Delta R.T. 0.003 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

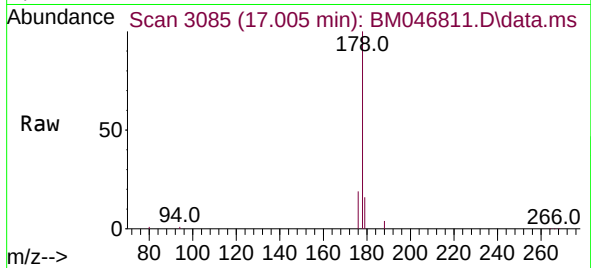
Tgt Ion:178 Resp: 314563
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.0 16.1 24.1





#16
 Anthracene
 Concen: 1.520 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046811.D
 Acq: 25 Jul 2024 22:04

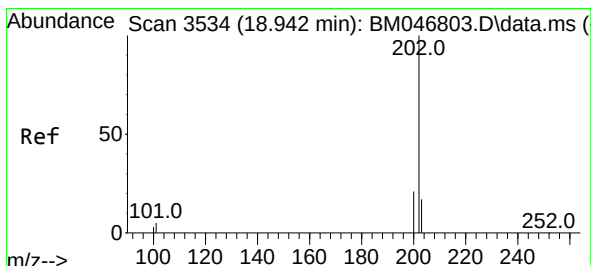
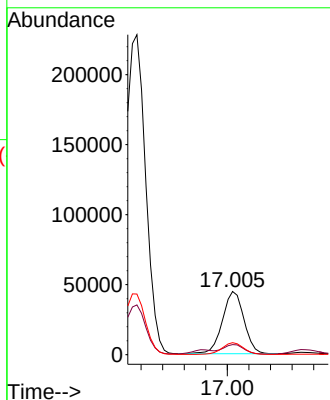
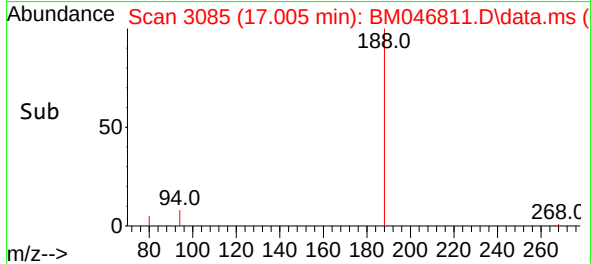
Instrument :
 BNA_M
 ClientSampleId :
 A4CK9



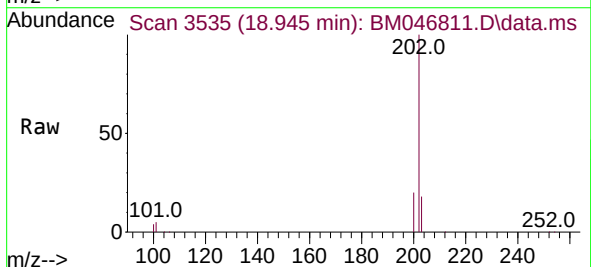
Tgt Ion:178 Resp: 61550
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.1 19.7
 176 19.0 15.0 22.6

Manual Integrations
 APPROVED

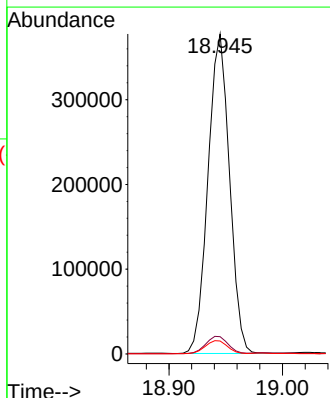
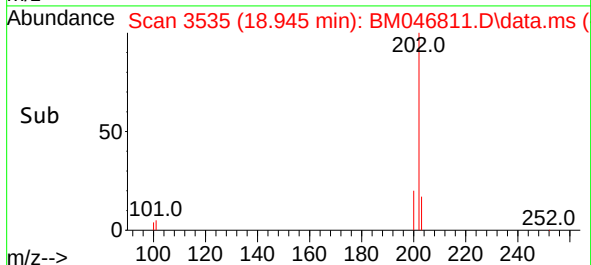
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

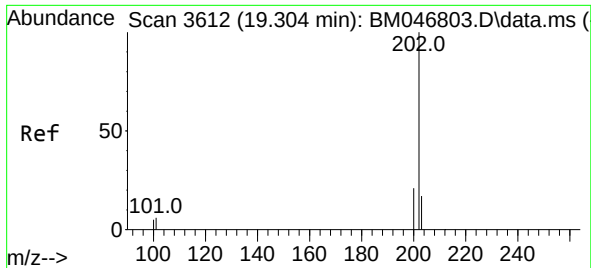


#19
 Fluoranthene
 Concen: 13.323 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046811.D
 Acq: 25 Jul 2024 22:04



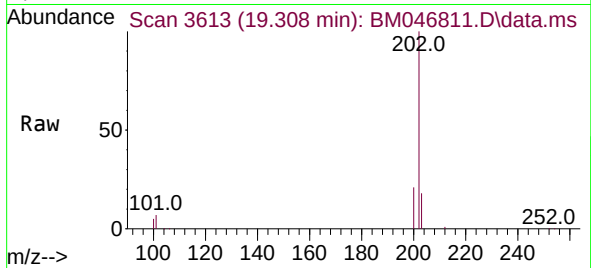
Tgt Ion:202 Resp: 495410
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.7 7.1
 100 4.0 3.4 5.2





#20
Pyrene
Concen: 8.758 ng/u1
RT: 19.308 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

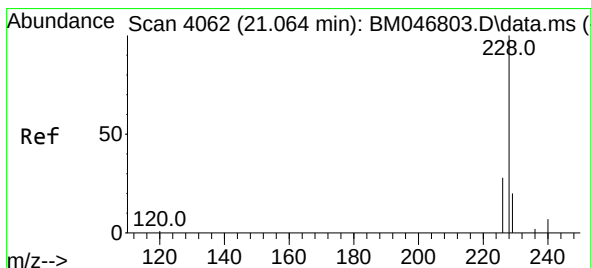
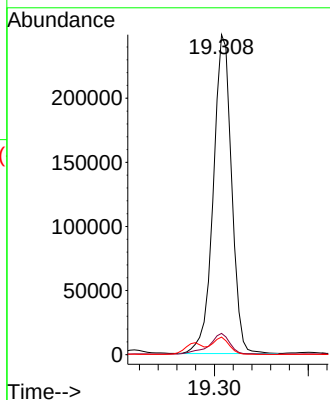
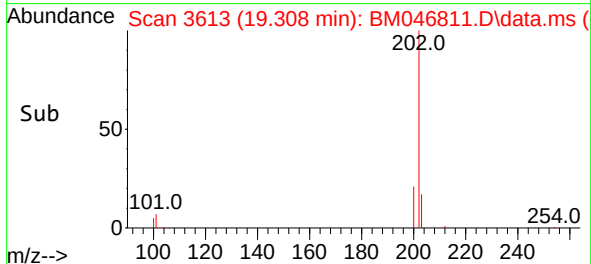
Instrument :
BNA_M
ClientSampleId :
A4CK9



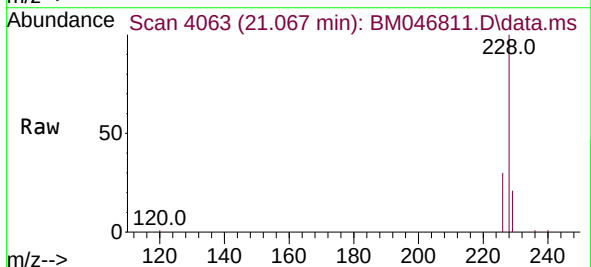
Tgt Ion:202 Resp: 33688
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.5 4.3 6.5

Manual Integrations
APPROVED

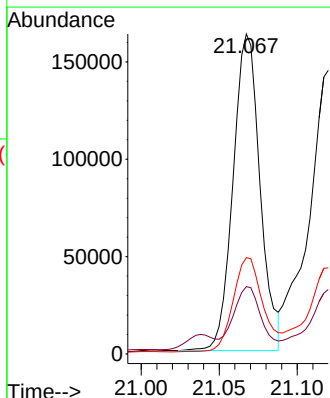
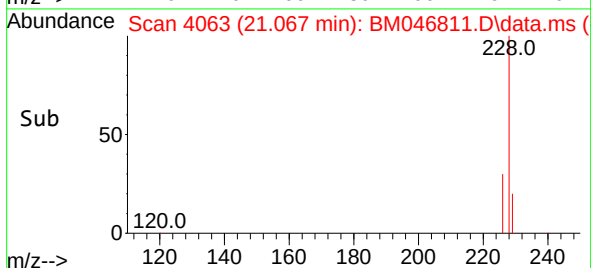
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

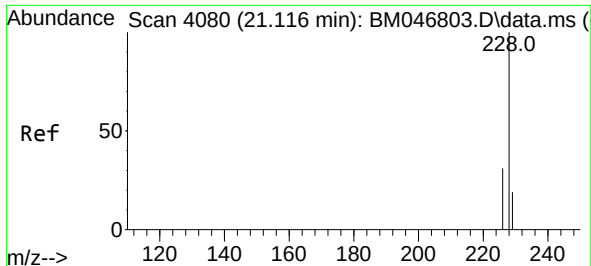


#21
Benzo(a)anthracene
Concen: 5.539 ng/u1
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04



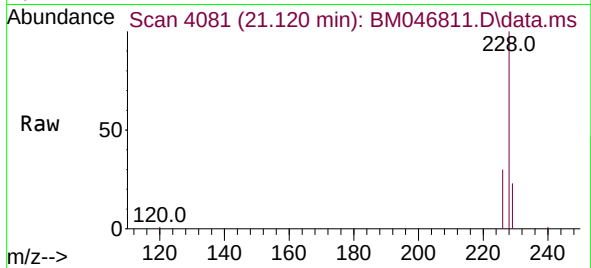
Tgt Ion:228 Resp: 195416
Ion Ratio Lower Upper
228 100
229 21.0 16.3 24.5
226 30.1 22.3 33.5





#22
Chrysene
Concen: 5.834 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

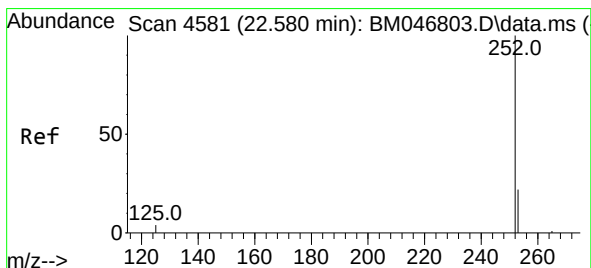
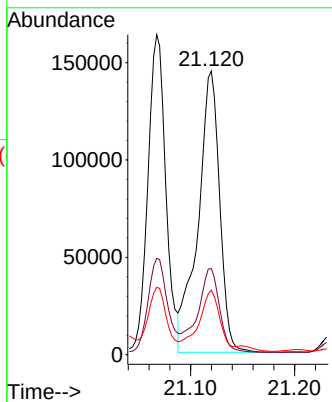
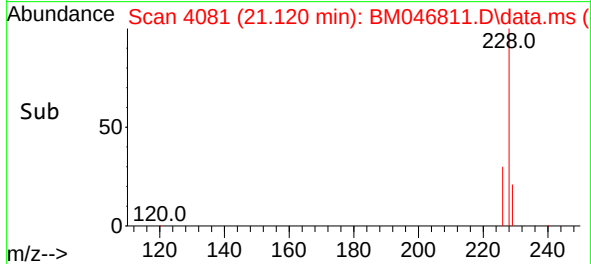
Instrument :
BNA_M
ClientSampleId :
A4CK9



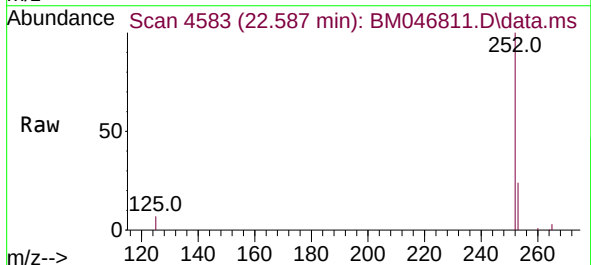
Tgt Ion:228 Resp: 209099
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 22.7 16.2 24.2

Manual Integrations
APPROVED

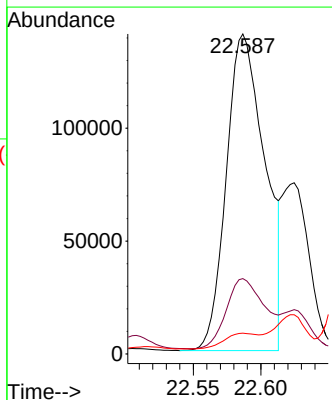
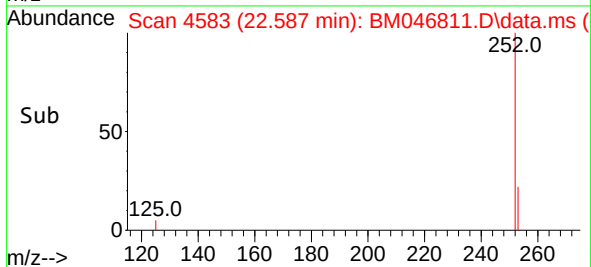
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

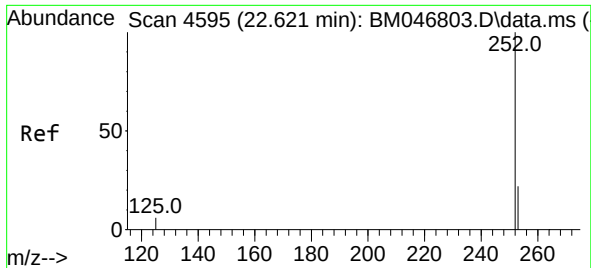


#24
Benzo(b)fluoranthene
Concen: 7.656 ng/ul m
RT: 22.587 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04



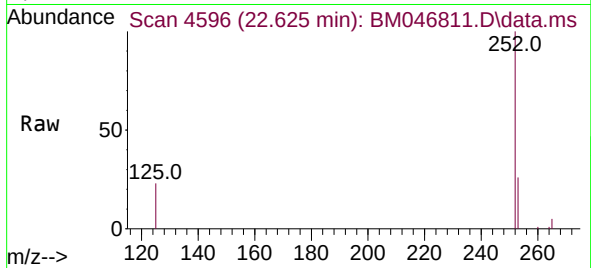
Tgt Ion:252 Resp: 280635
Ion Ratio Lower Upper
252 100
253 23.6 0.0 56.4
125 6.5 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 2.859 ng/ul m
RT: 22.625 min Scan# 4595
Delta R.T. 0.003 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

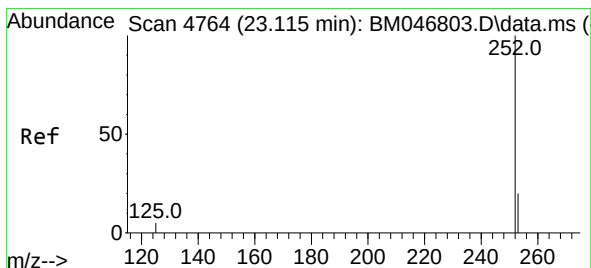
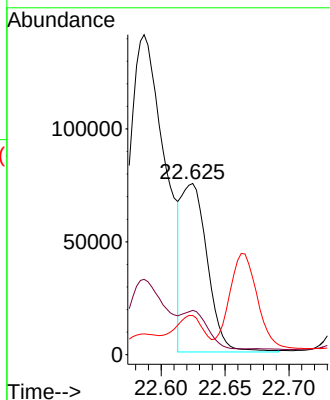
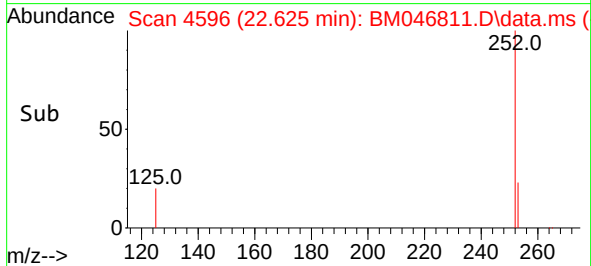
Instrument :
BNA_M
ClientSampleId :
A4CK9



Tgt Ion:252 Resp: 105598
Ion Ratio Lower Upper
252 100
253 25.9 23.5 35.3
125 22.9 8.6 13.0

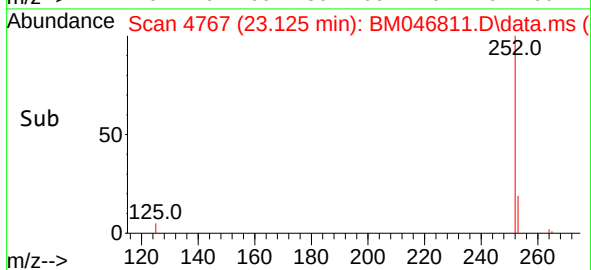
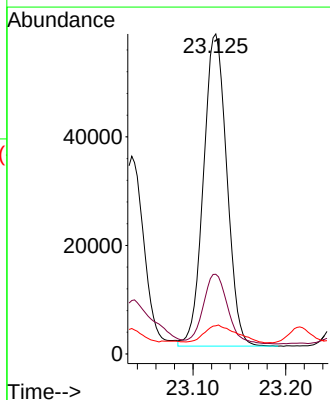
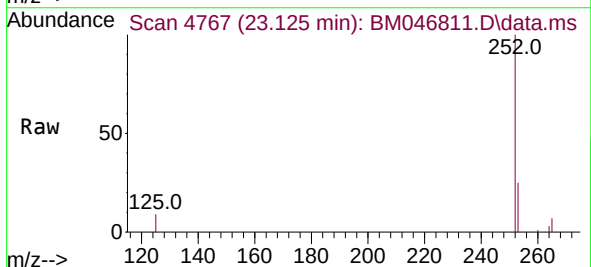
Manual Integrations
APPROVED

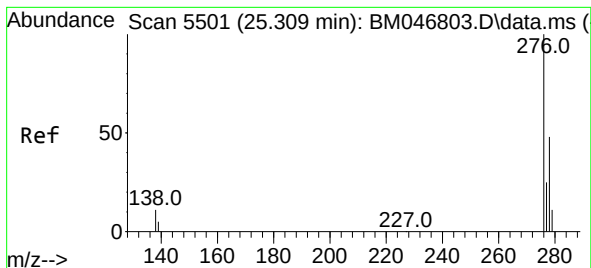
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#26
Benzo(a)pyrene
Concen: 3.835 ng/ul
RT: 23.125 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

Tgt Ion:252 Resp: 100908
Ion Ratio Lower Upper
252 100
253 24.9 26.0 39.0#
125 8.8 7.8 11.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.565 ng/ul

RT: 25.323 min Scan# 5505

Delta R.T. 0.007 min

Lab File: BM046811.D

Acq: 25 Jul 2024 22:04

Instrument :

BNA_M

ClientSampleId :

A4CK9

Tgt Ion:276 Resp: 103878

Ion Ratio Lower Upper

276 100

138 12.6 9.7 14.5

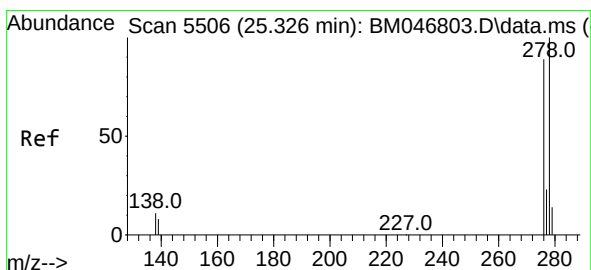
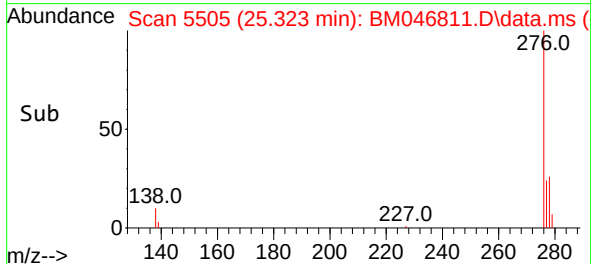
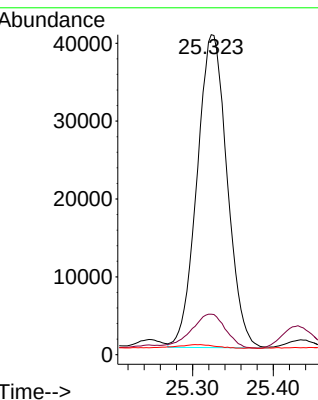
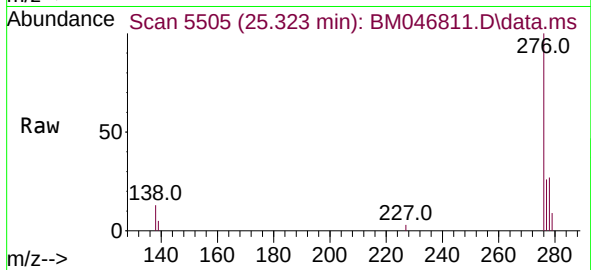
227 1.5 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024

Supervised By :mohammad ahmed 07/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 1.167 ng/ul

RT: 25.330 min Scan# 5507

Delta R.T. -0.003 min

Lab File: BM046811.D

Acq: 25 Jul 2024 22:04

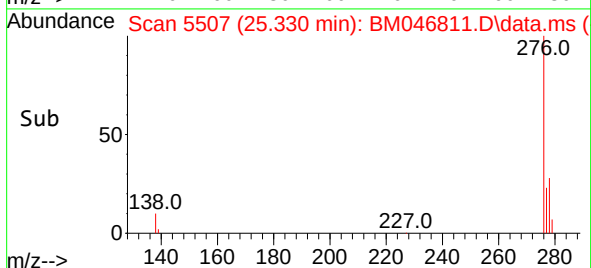
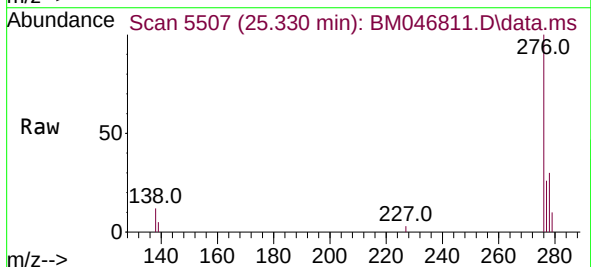
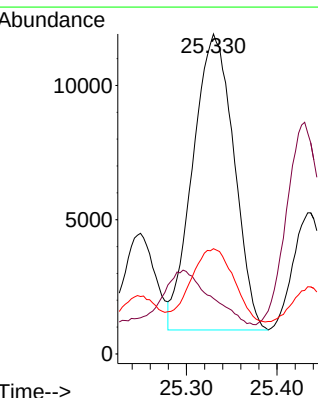
Tgt Ion:278 Resp: 34601

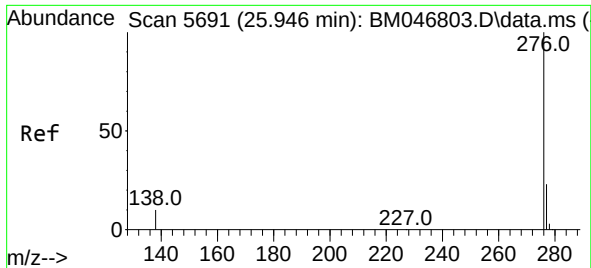
Ion Ratio Lower Upper

278 100

139 17.3 9.8 14.8#

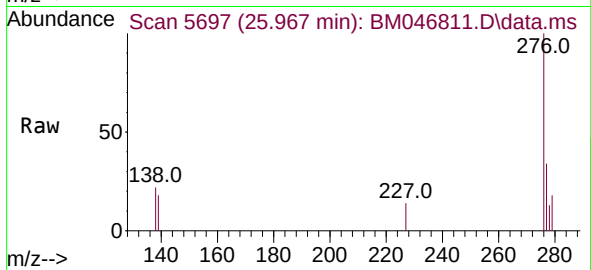
279 32.9 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.447 ng/ul
RT: 25.967 min Scan# 50
Delta R.T. 0.014 min
Lab File: BM046811.D
Acq: 25 Jul 2024 22:04

Instrument :
BNA_M
ClientSampleId :
A4CK9



Tgt Ion:276 Resp: 15940
Ion Ratio Lower Upper
276 100
138 22.2 9.5 14.3
277 33.8 20.9 31.3

Manual Integrations
APPROVED

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

