

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046522.D
 Acq On : 11 Jul 2024 17:51
 Operator : MA/JU
 Sample : P3035-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:22:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2512	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	6574	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	4465	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.909	188	9726m	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	7957	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	9271	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	5814	2.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	2097	0.198	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	5351	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.873	152	1215	0.060	ng/ul#	88
15) Phenanthrene	16.951	178	5357	0.193	ng/ul	99
16) Anthracene	17.040	178	1379	0.051	ng/ul#	89
19) Fluoranthene	18.979	202	16356	0.500	ng/ul	99
20) Pyrene	19.341	202	15636	0.442	ng/ul	99
21) Benzo(a)anthracene	21.099	228	9059	0.257	ng/ul	94
22) Chrysene	21.152	228	9181	0.270	ng/ul	97
24) Benzo(b)fluoranthene	22.630	252	13777m	0.372	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	4283m	0.118	ng/ul	
26) Benzo(a)pyrene	23.168	252	9038	0.297	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.386	276	7485	0.161	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.400	278	1794	0.049	ng/ul#	38
29) Benzo(g,h,i)perylene	26.034	276	7288	0.197	ng/ul#	94

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

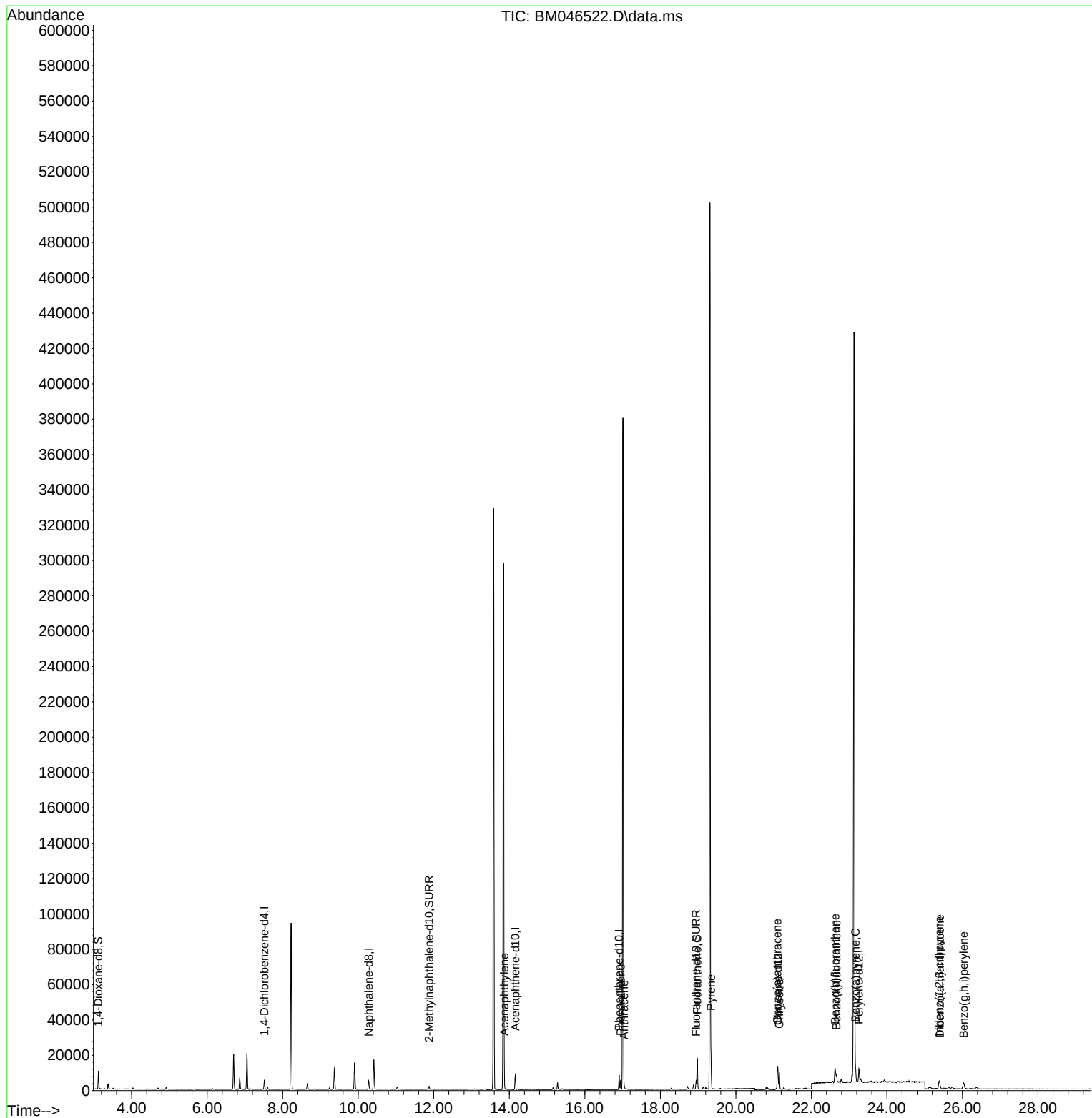
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046522.D
Acq On : 11 Jul 2024 17:51
Operator : MA/JU
Sample : P3035-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

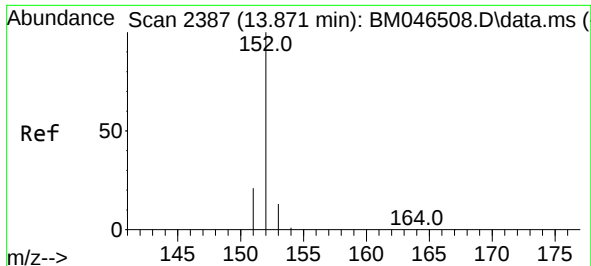
Instrument :
BNA_M
ClientSampleId :
A4CC4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

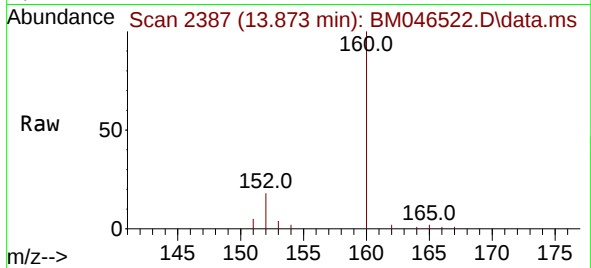
Quant Time: Jul 12 04:22:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.873 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

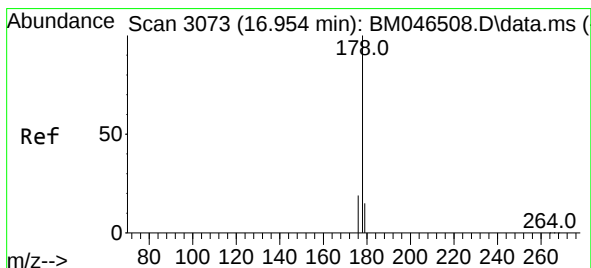
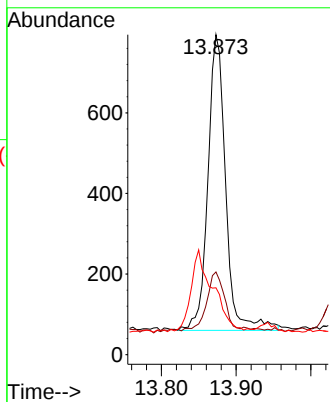
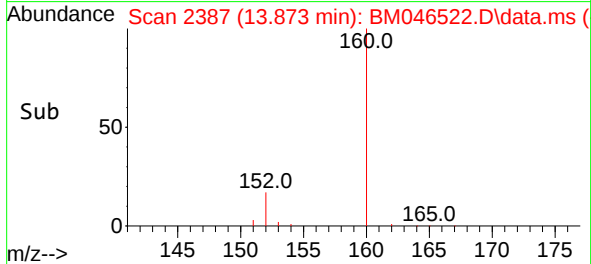
Instrument :
BNA_M
ClientSampleId :
A4CC4



Tgt Ion:152 Resp: 1215
Ion Ratio Lower Upper
152 100
151 25.8 16.4 24.6
153 20.9 12.4 18.6

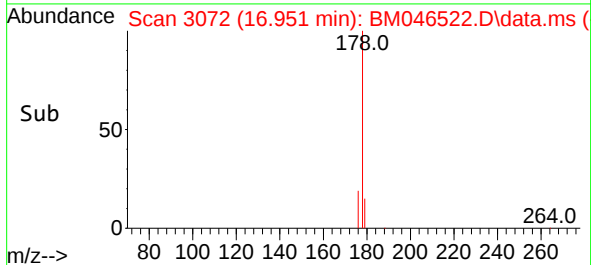
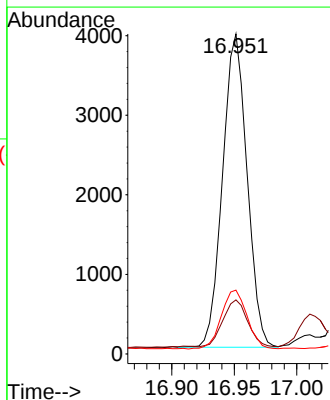
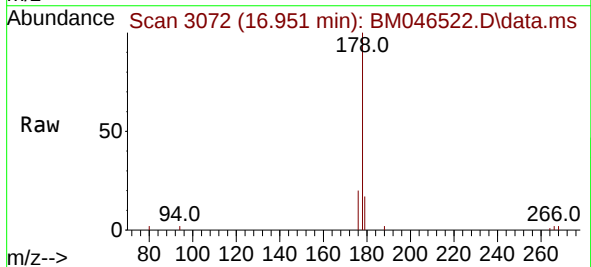
Manual Integrations
APPROVED

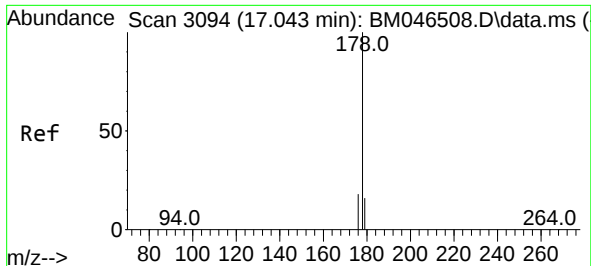
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#15
Phenanthrene
Concen: 0.193 ng/ul
RT: 16.951 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

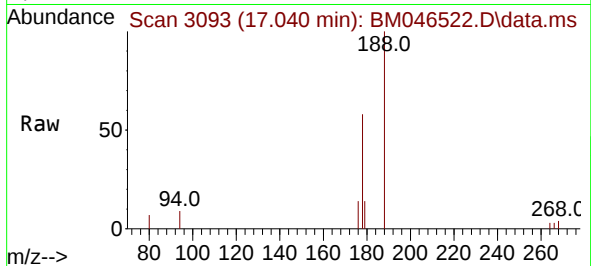
Tgt Ion:178 Resp: 5357
Ion Ratio Lower Upper
178 100
179 16.9 13.1 19.7
176 19.9 16.0 24.0





#16
 Anthracene
 Concen: 0.051 ng/u1
 RT: 17.040 min Scan# 3094
 Delta R.T. -0.003 min
 Lab File: BM046522.D
 Acq: 11 Jul 2024 17:51

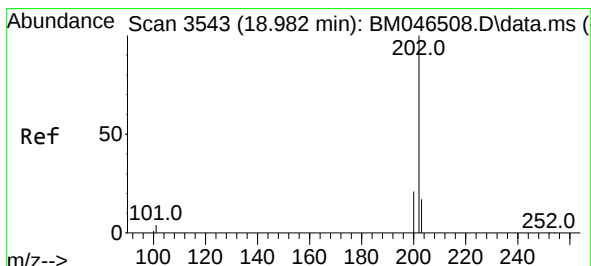
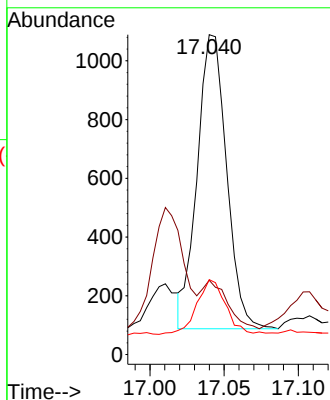
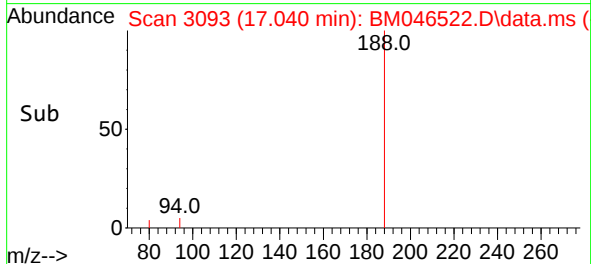
Instrument :
 BNA_M
 ClientSampleId :
 A4CC4



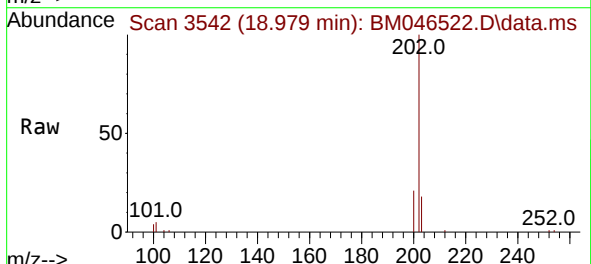
Tgt Ion:178 Resp: 1379
 Ion Ratio Lower Upper
 178 100
 179 23.2 13.5 20.3
 176 23.4 15.7 23.5

Manual Integrations
 APPROVED

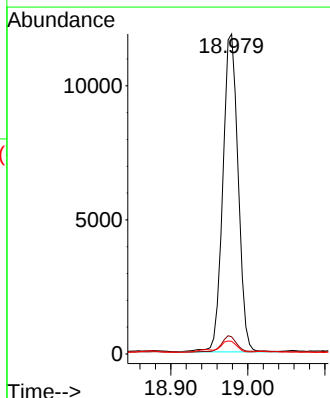
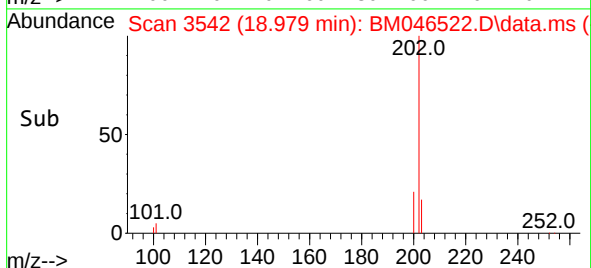
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

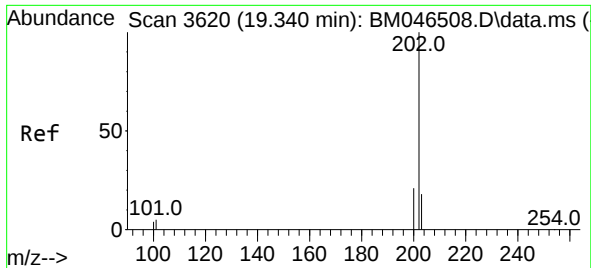


#19
 Fluoranthene
 Concen: 0.500 ng/u1
 RT: 18.979 min Scan# 3542
 Delta R.T. -0.003 min
 Lab File: BM046522.D
 Acq: 11 Jul 2024 17:51



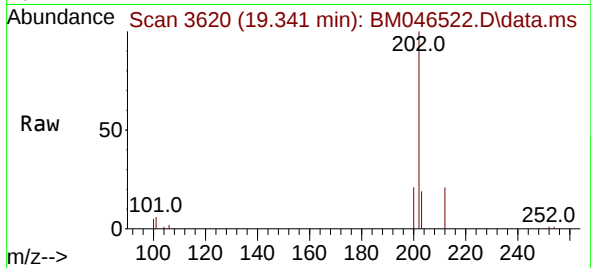
Tgt Ion:202 Resp: 16356
 Ion Ratio Lower Upper
 202 100
 101 5.3 4.6 6.8
 100 3.9 3.0 4.6





#20
Pyrene
Concen: 0.442 ng/ul
RT: 19.341 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

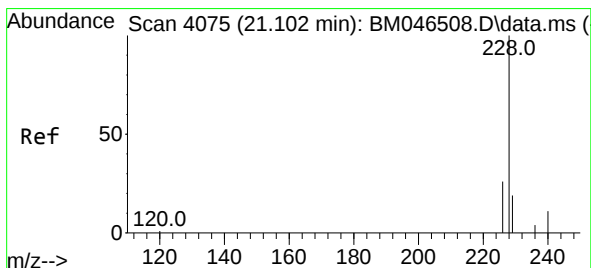
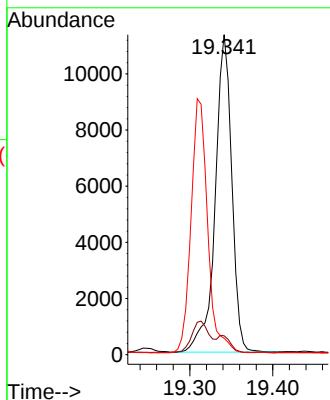
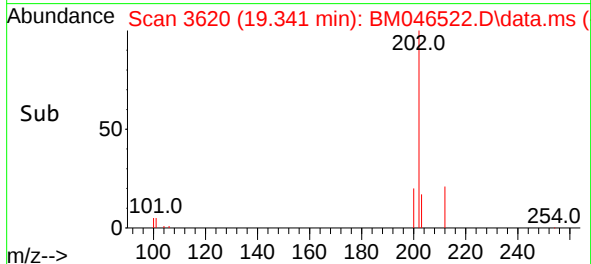
Instrument :
BNA_M
ClientSampleId :
A4CC4



Tgt Ion:202 Resp: 15630
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 5.2 3.8 5.6

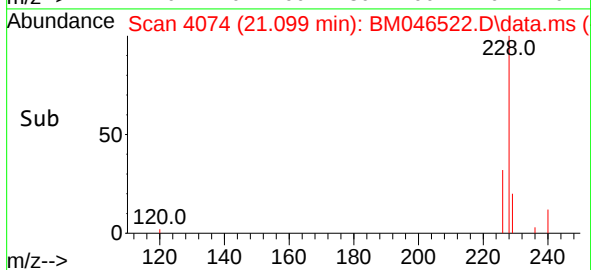
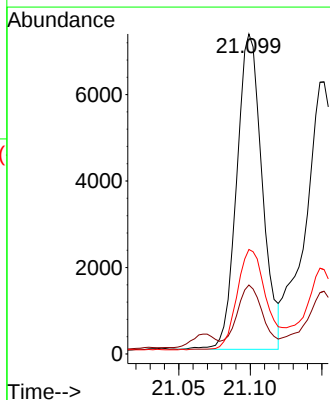
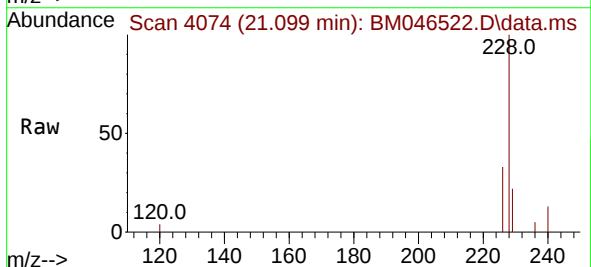
Manual Integrations
APPROVED

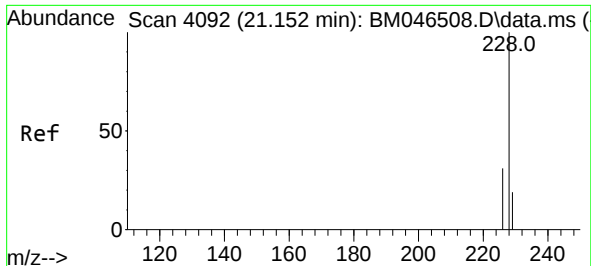
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.099 min Scan# 4074
Delta R.T. -0.003 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

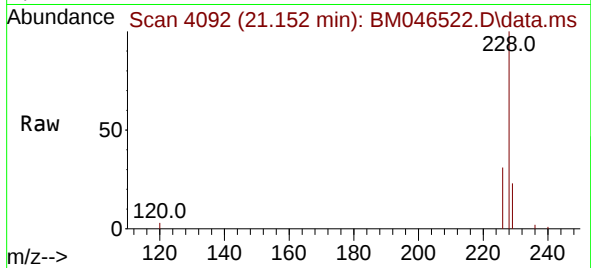
Tgt Ion:228 Resp: 9059
Ion Ratio Lower Upper
228 100
229 21.6 16.5 24.7
226 32.7 22.5 33.7





#22
Chrysene
Concen: 0.270 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. -0.000 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

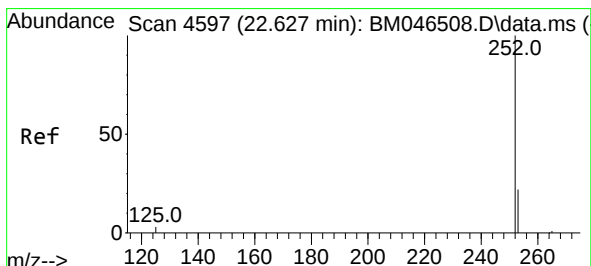
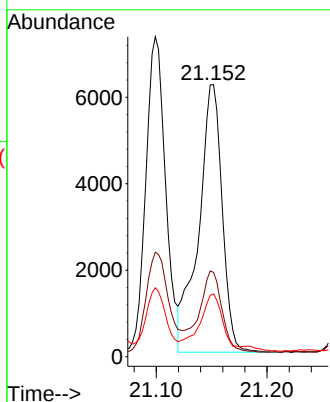
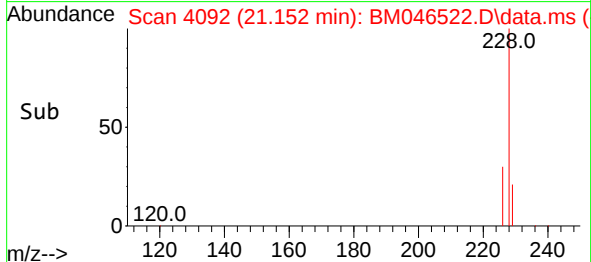
Instrument :
BNA_M
ClientSampleId :
A4CC4



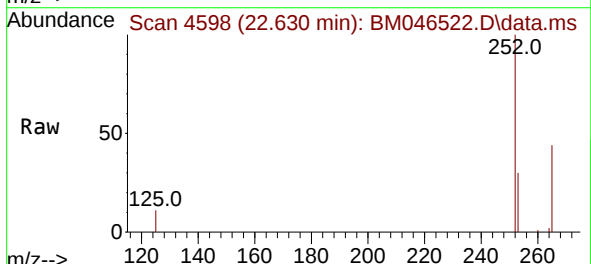
Tgt Ion:228 Resp: 918
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.1 16.4 24.6

Manual Integrations
APPROVED

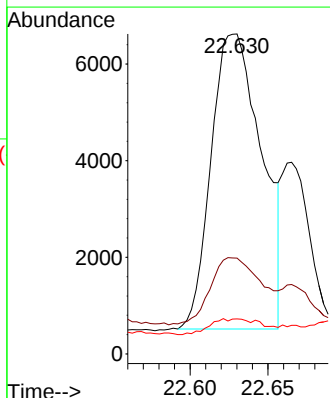
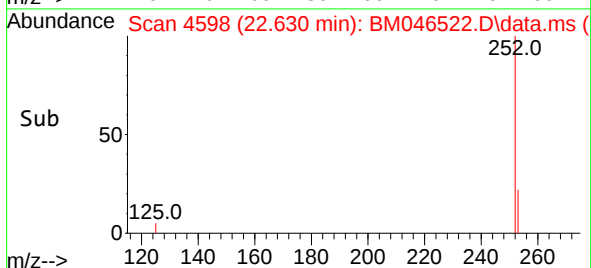
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

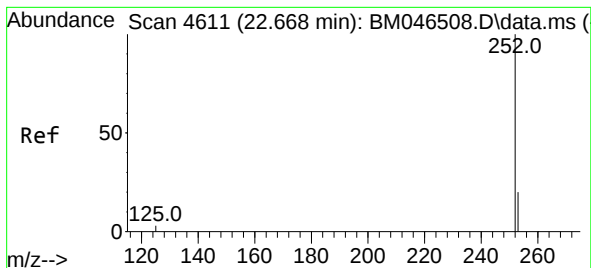


#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. 0.003 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51



Tgt Ion:252 Resp: 13777
Ion Ratio Lower Upper
252 100
253 30.0 0.0 56.2
125 10.9 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.118 ng/ul m

RT: 22.665 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM046522.D

Acq: 11 Jul 2024 17:51

Instrument :

BNA_M

ClientSampleId :

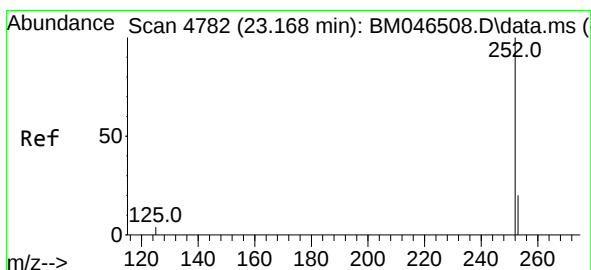
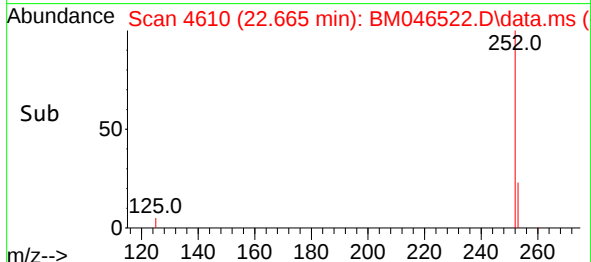
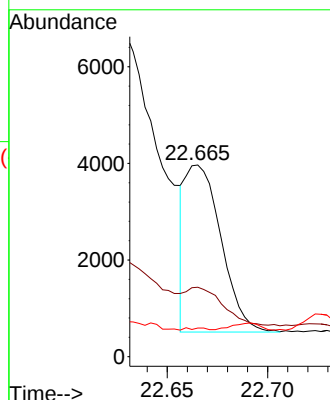
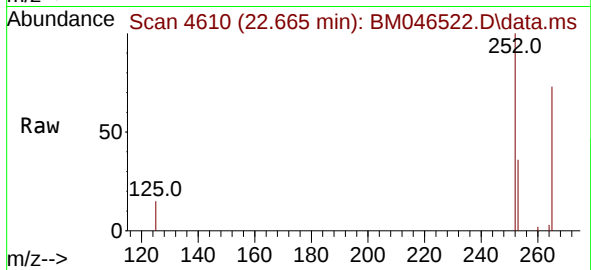
A4CC4

Tgt Ion:	252	Resp:	428
Ion Ratio	Lower	Upper	
252	100		
253	36.2	22.4	33.6
125	14.9	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#26

Benzo(a)pyrene

Concen: 0.297 ng/ul

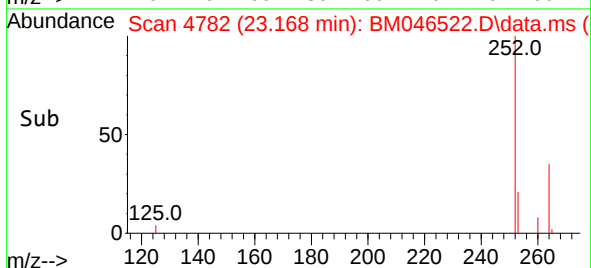
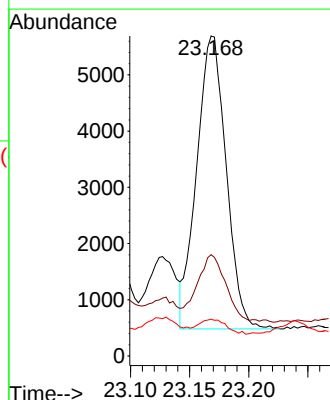
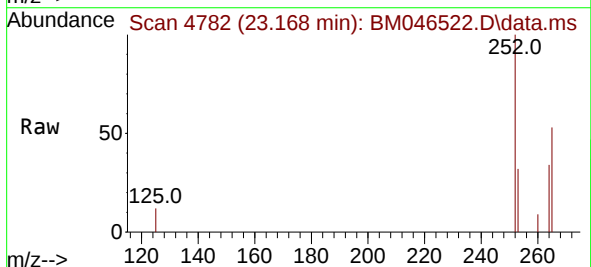
RT: 23.168 min Scan# 4782

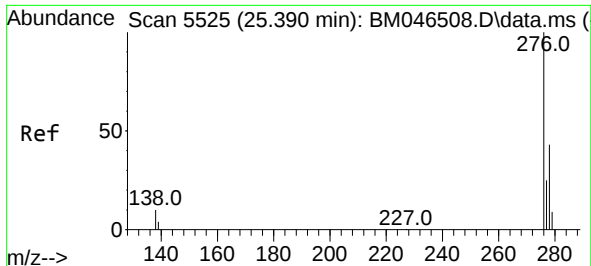
Delta R.T. -0.000 min

Lab File: BM046522.D

Acq: 11 Jul 2024 17:51

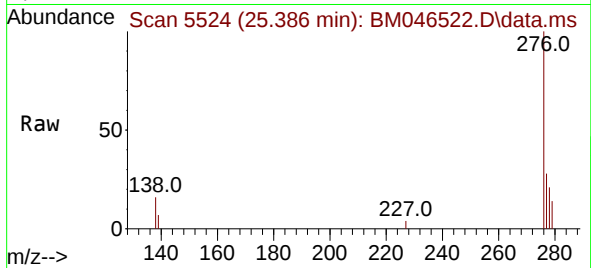
Tgt Ion:	252	Resp:	9038
Ion Ratio	Lower	Upper	
252	100		
253	31.7	24.0	36.0
125	11.5	8.2	12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 25.386 min Scan# 5524
Delta R.T. -0.004 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

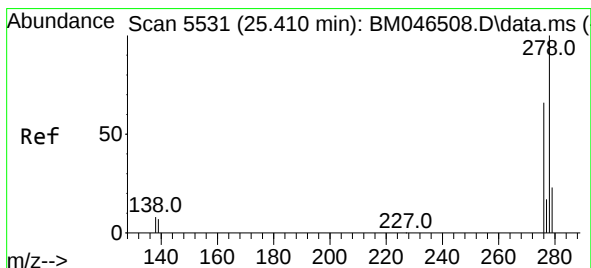
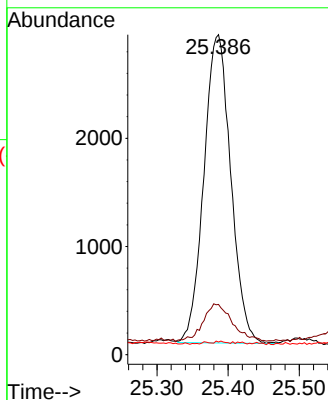
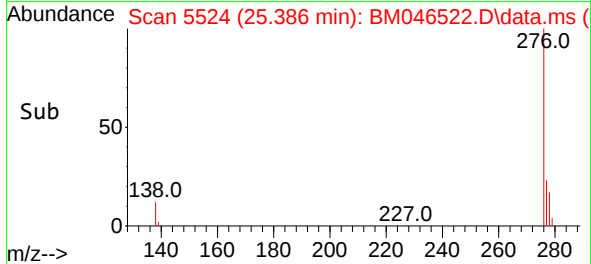
Instrument :
BNA_M
ClientSampleId :
A4CC4



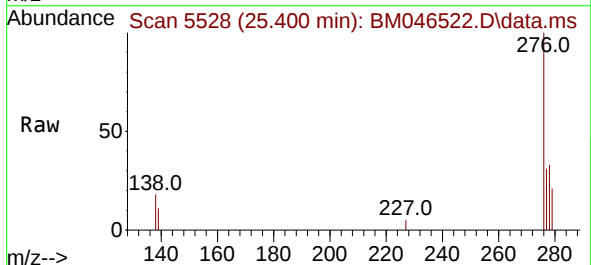
Tgt Ion:276 Resp: 748
Ion Ratio Lower Upper
276 100
138 13.2 0.0 0.0#
227 0.3 0.2 0.2#

Manual Integrations
APPROVED

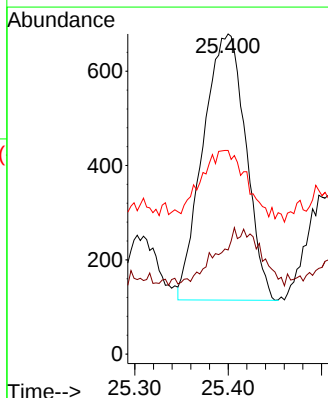
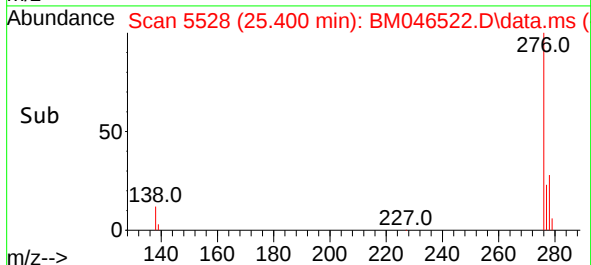
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

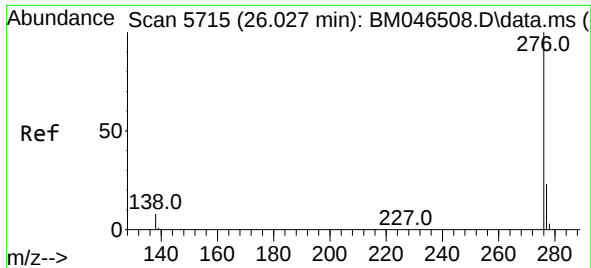


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.400 min Scan# 5528
Delta R.T. -0.010 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51



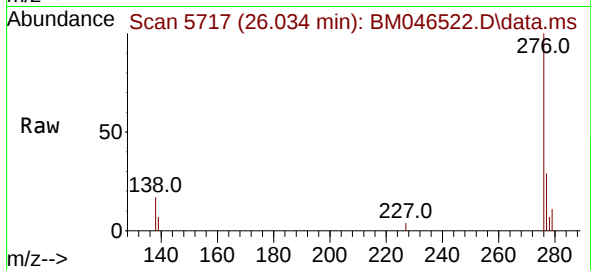
Tgt Ion:278 Resp: 1794
Ion Ratio Lower Upper
278 100
139 32.5 9.1 13.7#
279 63.6 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 26.034 min Scan# 5717
Delta R.T. 0.006 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

Instrument :
BNA_M
ClientSampleId :
A4CC4



Tgt Ion: 276 Resp: 728
Ion Ratio Lower Upper
276 100
138 16.5 10.2 15.4
277 28.6 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

