

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046092.D
 Acq On : 19 Jun 2024 18:51
 Operator : MA/JU
 Sample : P2695-08DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 22:49:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2444	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.243	136	6615	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	3726	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.837	188	7213	0.400	ng/ul	-0.02
17) Chrysene-d12	21.029	240	6132	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	7275m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2254	0.672	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	427	0.048	ng/ul	0.02
18) Fluoranthene-d10	18.863	212	1013	0.055	ng/ul	-0.02
Target Compounds					Qvalue	
10) Acenaphthylene	13.817	152	496	0.028	ng/ul#	55
11) Acenaphthene	14.160	153	273	0.021	ng/ul#	91
12) Fluorene	15.154	166	384	0.028	ng/ul#	92
15) Phenanthrene	16.875	178	9039	0.446	ng/ul	99
16) Anthracene	16.968	178	1651	0.109	ng/ul#	82
19) Fluoranthene	18.890	202	24310	0.916	ng/ul	99
20) Pyrene	19.253	202	17639	0.614	ng/ul	100
21) Benzo(a)anthracene	21.014	228	9833	0.415	ng/ul	99
22) Chrysene	21.064	228	11564	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.504	252	18977m	0.724	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	7605m	0.244	ng/ul	
26) Benzo(a)pyrene	23.028	252	6296	0.259	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.178	276	7646	0.192	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.182	278	2206	0.075	ng/ul#	62
29) Benzo(g,h,i)perylene	25.802	276	1320	0.039	ng/ul#	50

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

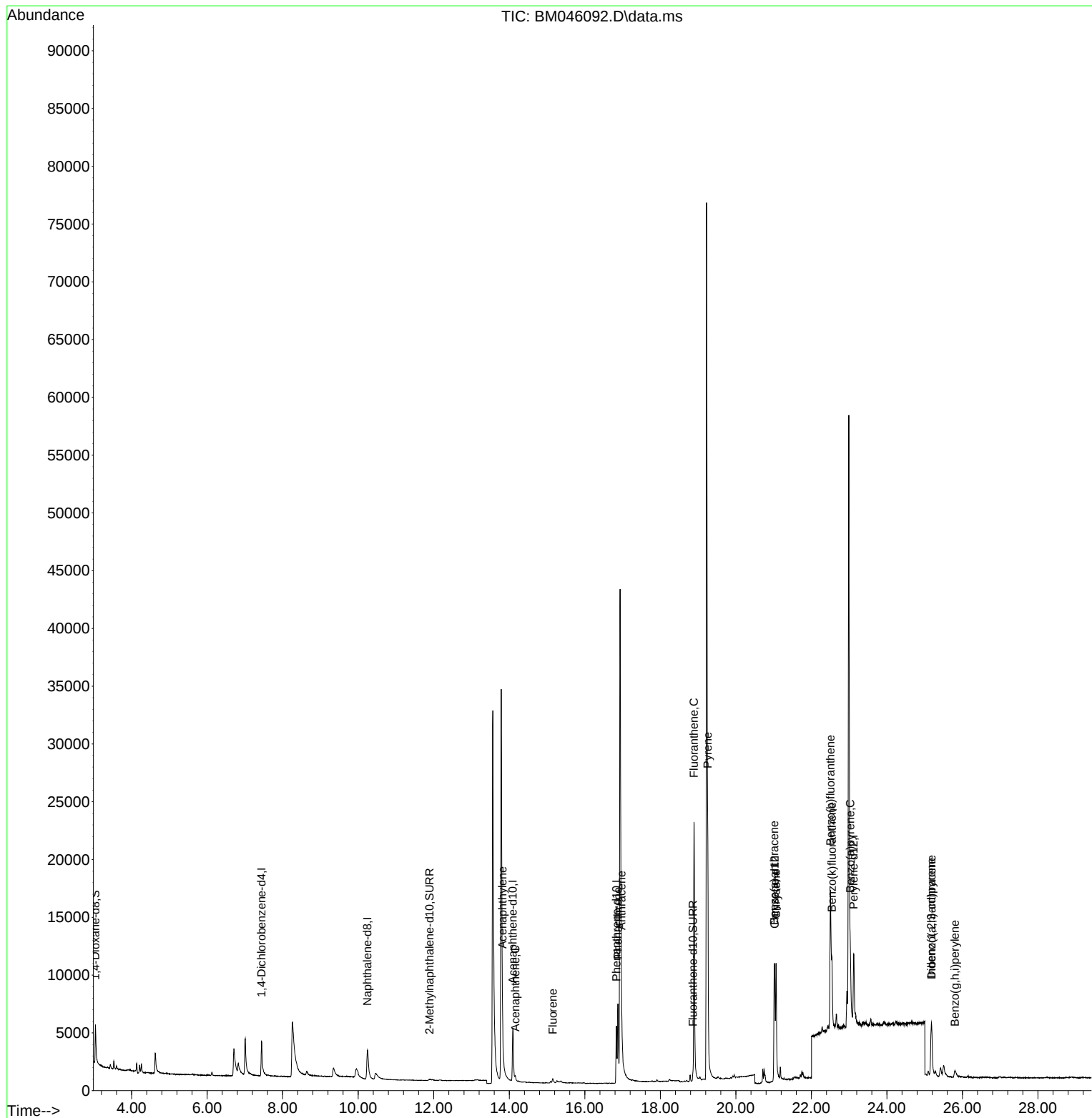
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046092.D
Acq On : 19 Jun 2024 18:51
Operator : MA/JU
Sample : P2695-08DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

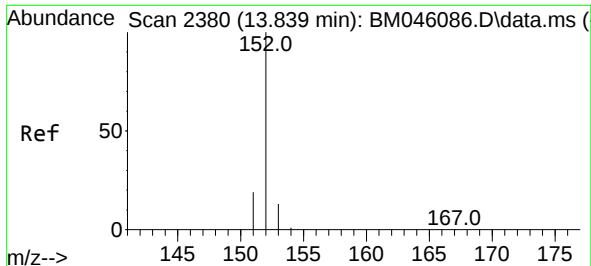
Instrument :
BNA_M
ClientSampleId :
A4BK1DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

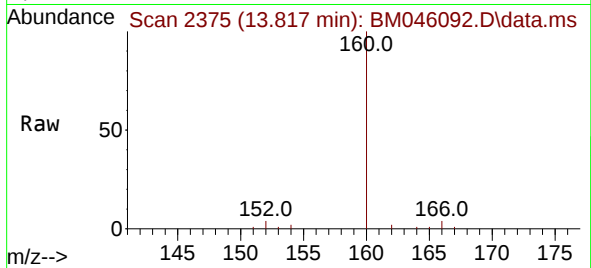
Quant Time: Jun 19 22:49:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.817 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

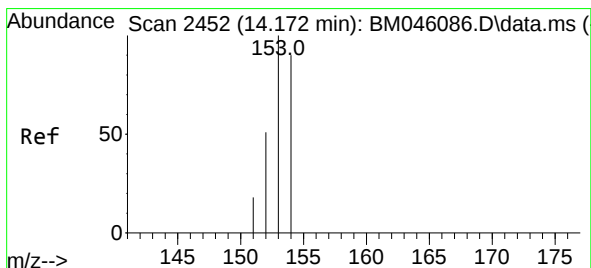
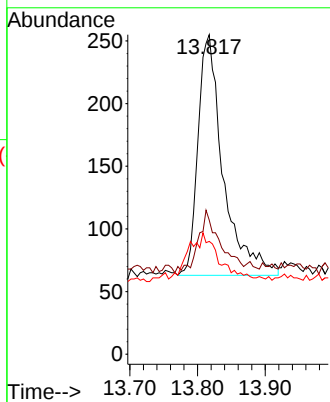
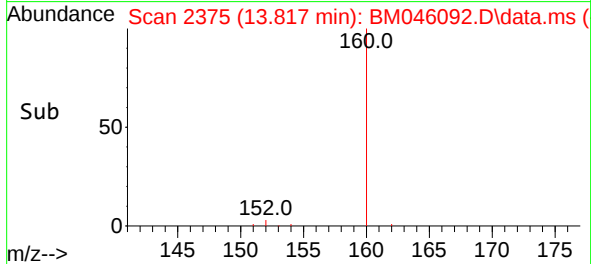
Instrument :
BNA_M
ClientSampleId :
A4BK1DL



Tgt Ion:152 Resp: 490
Ion Ratio Lower Upper
152 100
151 42.0 17.4 26.2
153 35.3 11.8 17.8

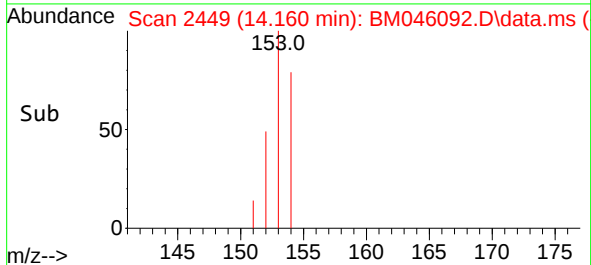
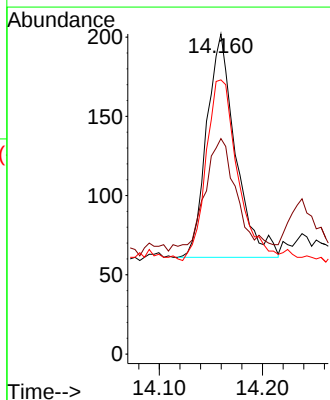
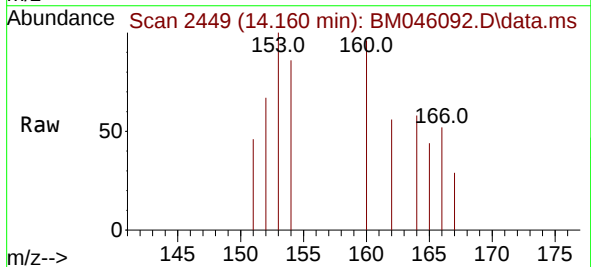
Manual Integrations
APPROVED

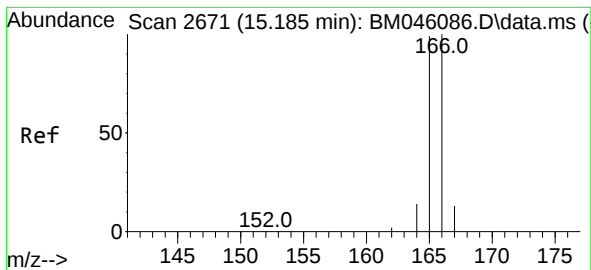
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.160 min Scan# 2449
Delta R.T. -0.013 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Tgt Ion:153 Resp: 273
Ion Ratio Lower Upper
153 100
152 67.3 41.3 61.9
154 85.6 68.2 102.4





#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.154 min Scan# 20

Delta R.T. -0.027 min

Lab File: BM046092.D

Acq: 19 Jun 2024 18:51

Instrument :

BNA_M

ClientSampleId :

A4BK1DL

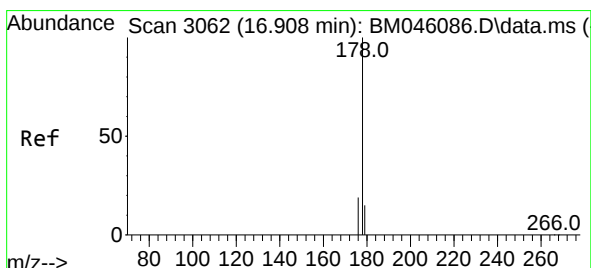
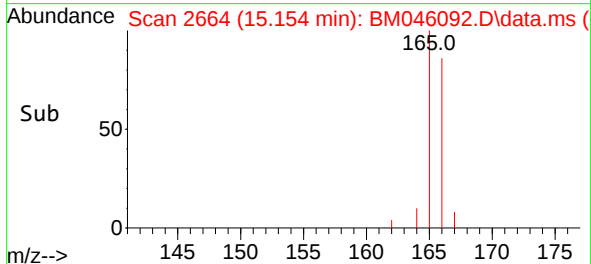
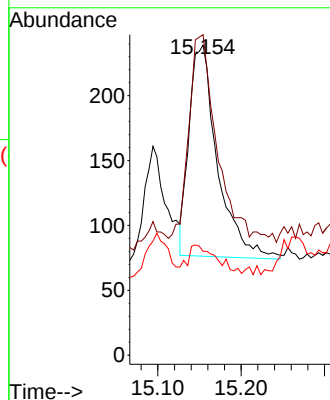
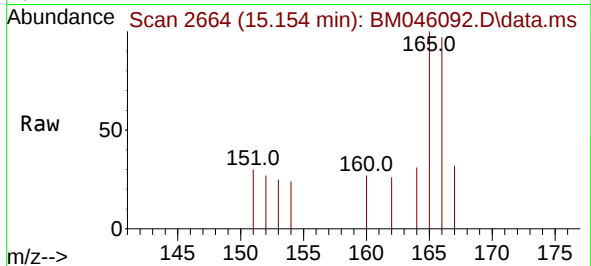
Tgt Ion:166 Resp: 384

Ion	Ratio	Lower	Upper
166	100		
165	103.3	80.4	120.6
167	33.5	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#15

Phenanthrene

Concen: 0.446 ng/ul

RT: 16.875 min Scan# 3054

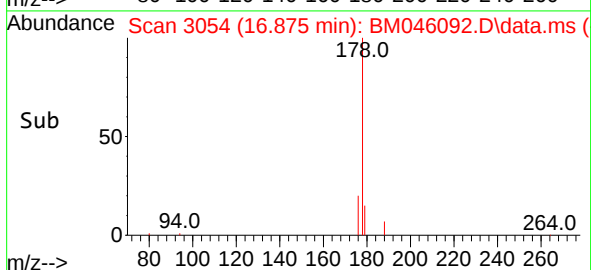
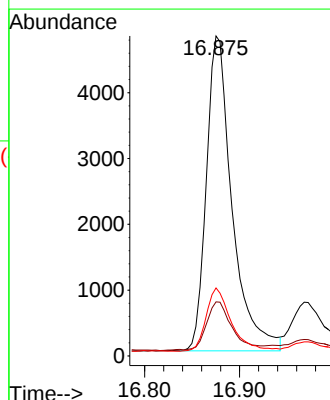
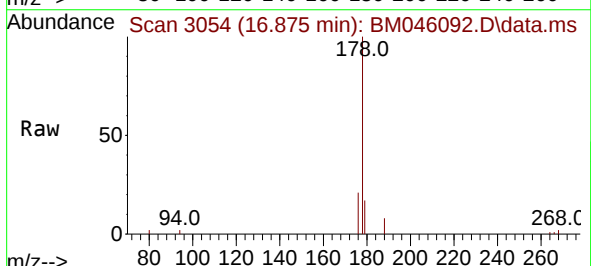
Delta R.T. -0.028 min

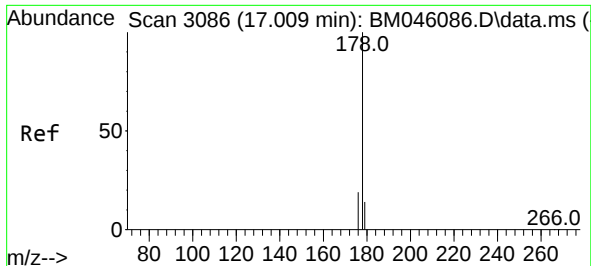
Lab File: BM046092.D

Acq: 19 Jun 2024 18:51

Tgt Ion:178 Resp: 9039

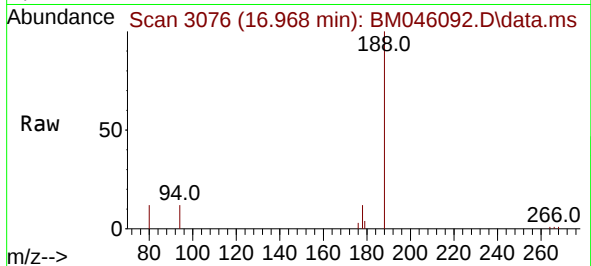
Ion	Ratio	Lower	Upper
178	100		
179	16.9	14.2	21.2
176	21.2	17.1	25.7





#16
 Anthracene
 Concen: 0.109 ng/ul
 RT: 16.968 min Scan# 3086
 Delta R.T. -0.037 min
 Lab File: BM046092.D
 Acq: 19 Jun 2024 18:51

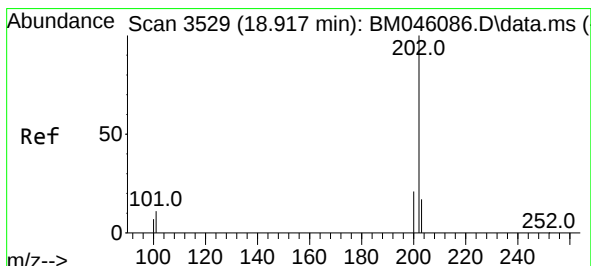
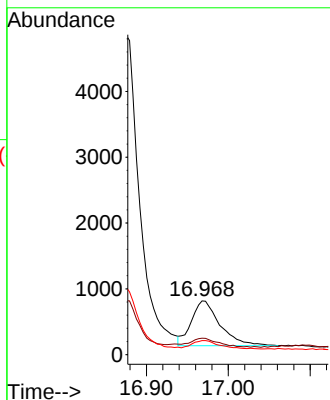
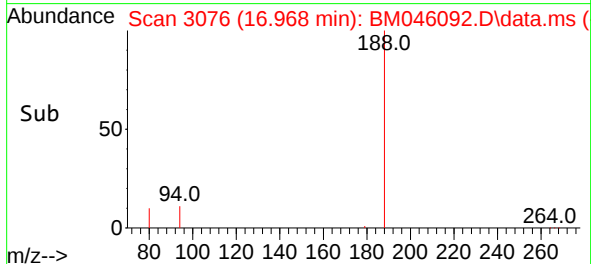
Instrument :
 BNA_M
 ClientSampleId :
 A4BK1DL



Tgt Ion:178 Resp: 165
 Ion Ratio Lower Upper
 178 100
 179 30.7 14.9 22.3
 176 26.1 17.0 25.4

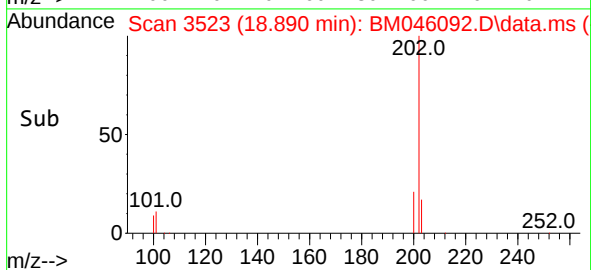
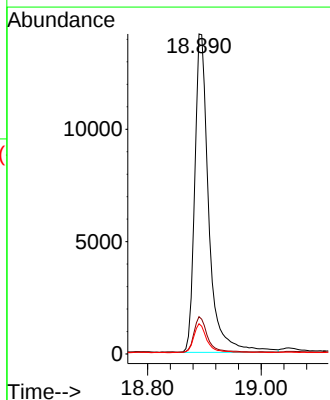
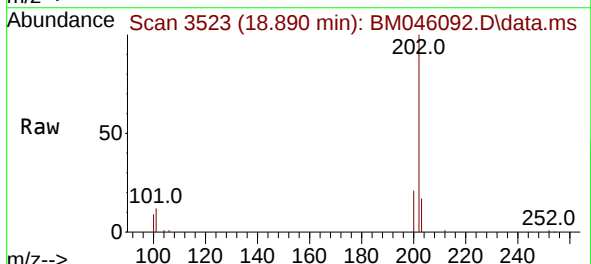
Manual Integrations
 APPROVED

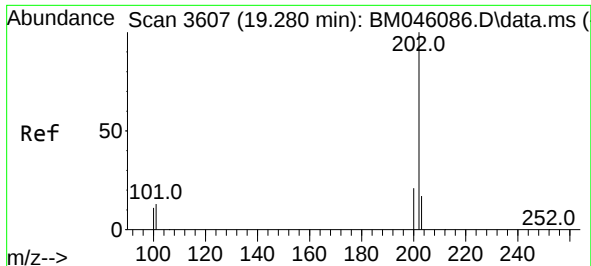
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024



#19
 Fluoranthene
 Concen: 0.916 ng/ul
 RT: 18.890 min Scan# 3523
 Delta R.T. -0.027 min
 Lab File: BM046092.D
 Acq: 19 Jun 2024 18:51

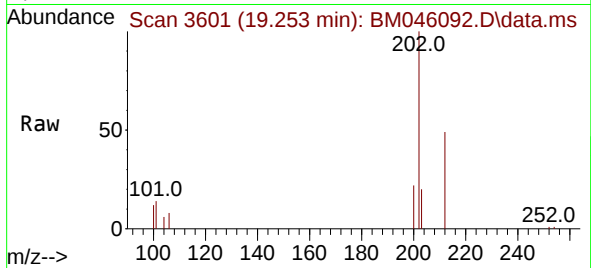
Tgt Ion:202 Resp: 24310
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.6 14.4
 100 9.4 7.6 11.4





#20
Pyrene
Concen: 0.614 ng/ul
RT: 19.253 min Scan# 30
Delta R.T. -0.022 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

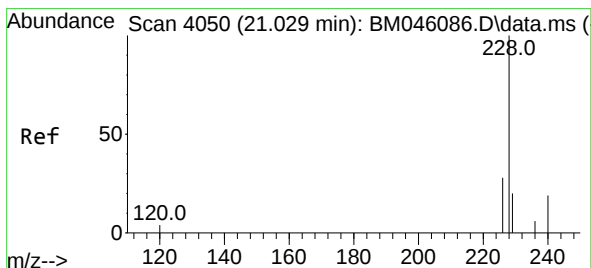
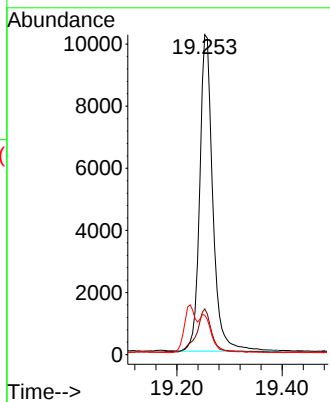
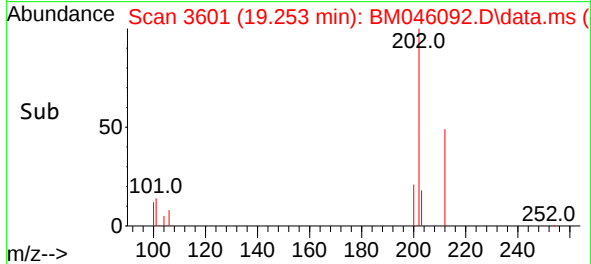
Instrument :
BNA_M
ClientSampleId :
A4BK1DL



Tgt Ion:202 Resp: 17639
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 12.4 9.8 14.6

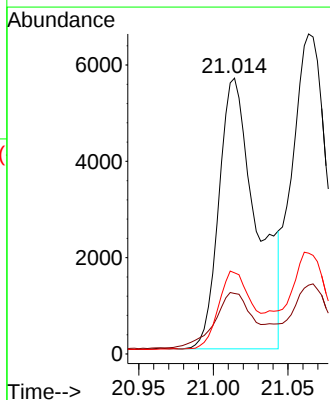
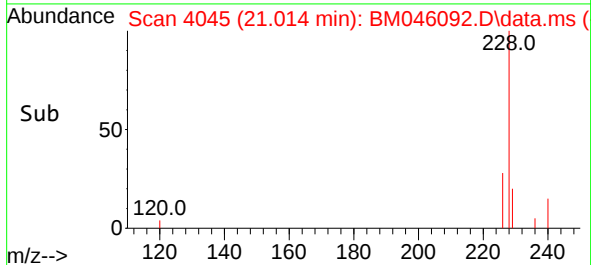
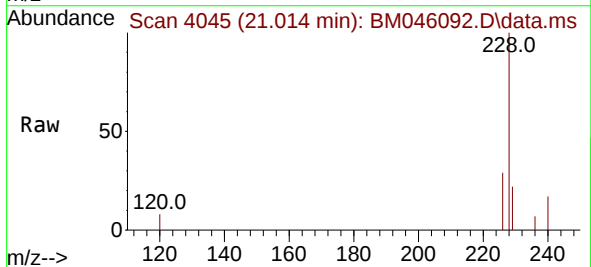
Manual Integrations
APPROVED

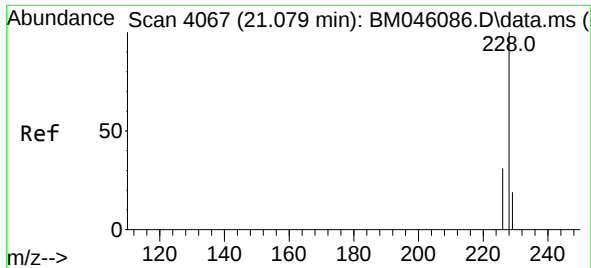
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.014 min Scan# 4045
Delta R.T. -0.015 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

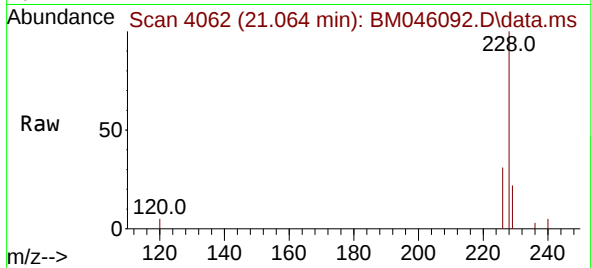
Tgt Ion:228 Resp: 9833
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.4 23.4 35.2





#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

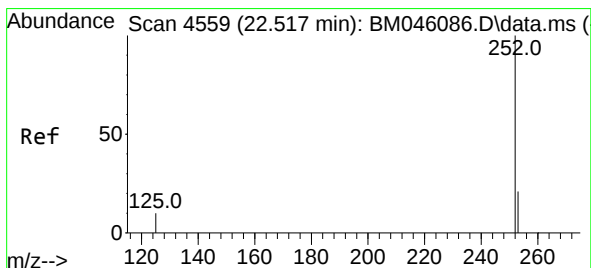
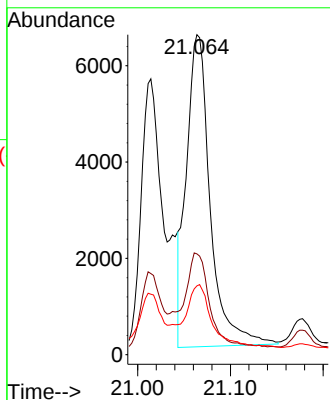
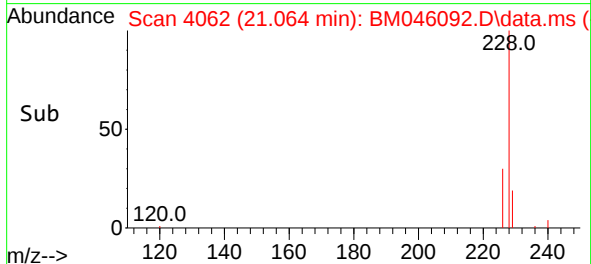
Instrument :
BNA_M
ClientSampleId :
A4BK1DL



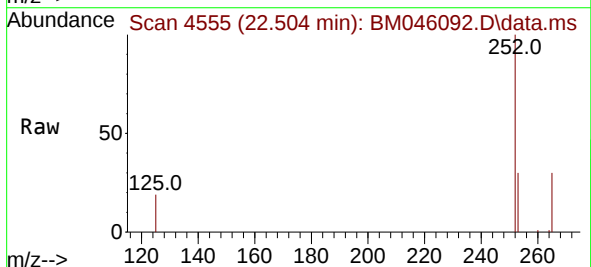
Tgt Ion:228 Resp: 11564
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.5 16.3 24.5

Manual Integrations
APPROVED

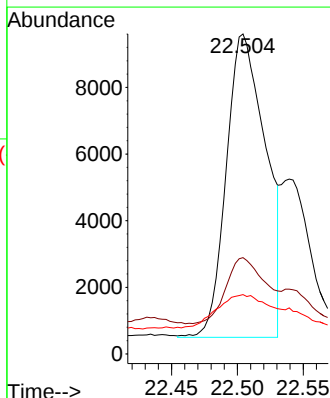
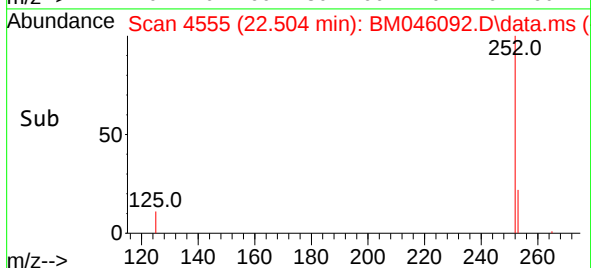
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

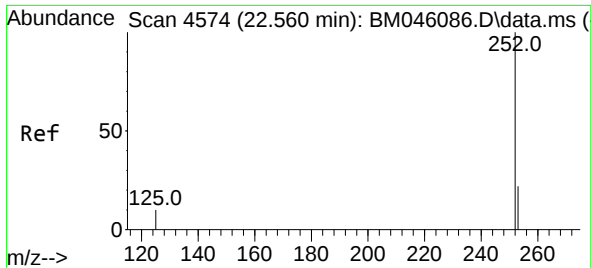


#24
Benzo(b)fluoranthene
Concen: 0.724 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51



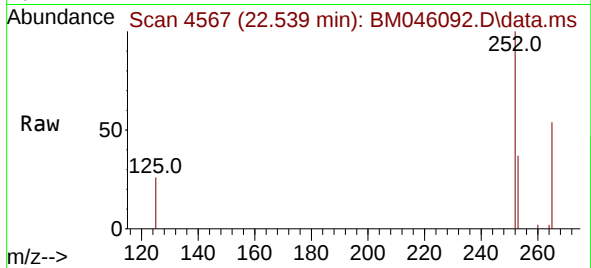
Tgt Ion:252 Resp: 18977
Ion Ratio Lower Upper
252 100
253 30.1 0.0 65.8
125 18.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.244 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

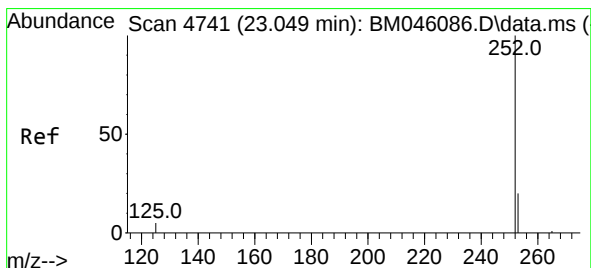
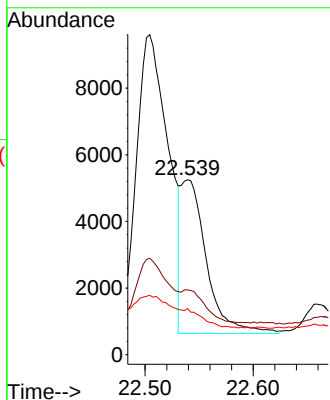
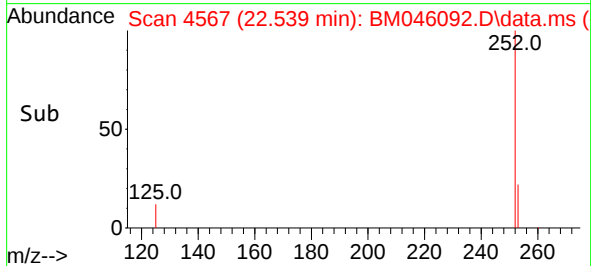
Instrument :
BNA_M
ClientSampleId :
A4BK1DL



Tgt Ion:252 Resp: 760
Ion Ratio Lower Upper
252 100
253 37.1 27.2 40.8
125 26.3 16.6 25.0

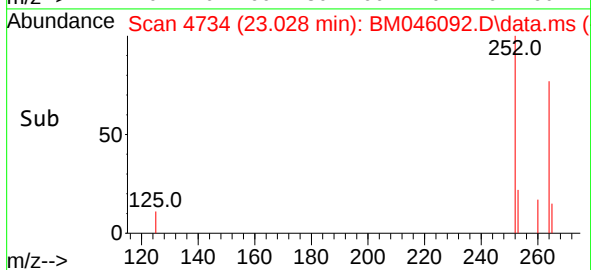
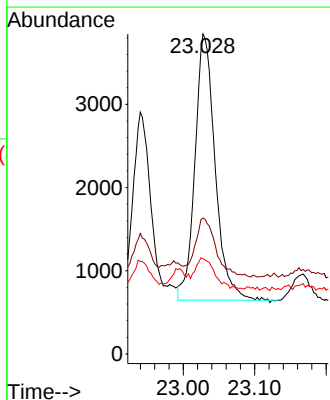
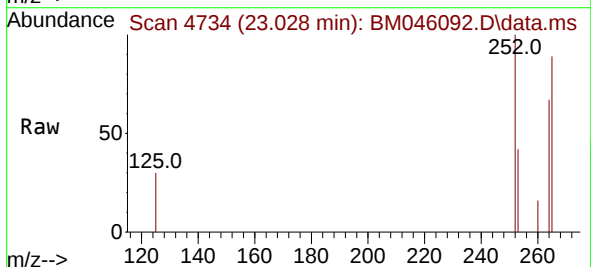
Manual Integrations
APPROVED

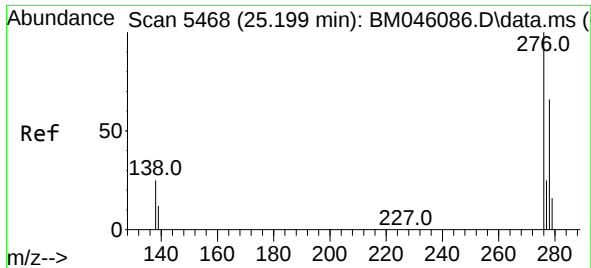
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.259 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.027 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

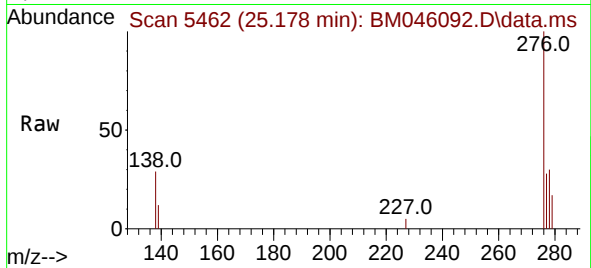
Tgt Ion:252 Resp: 6296
Ion Ratio Lower Upper
252 100
253 42.5 32.1 48.1
125 29.8 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 25.178 min Scan# 5462
Delta R.T. -0.024 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

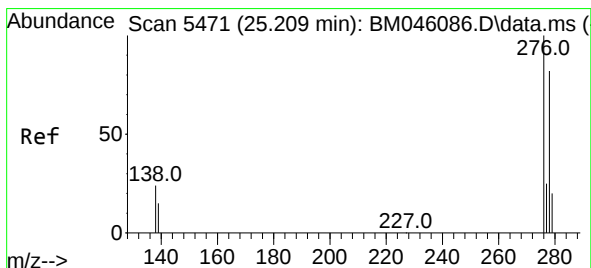
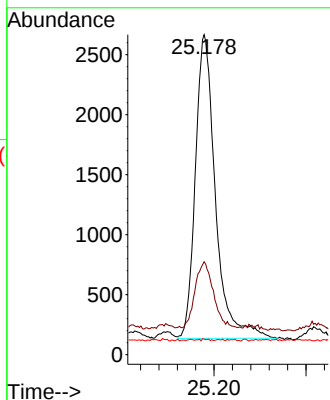
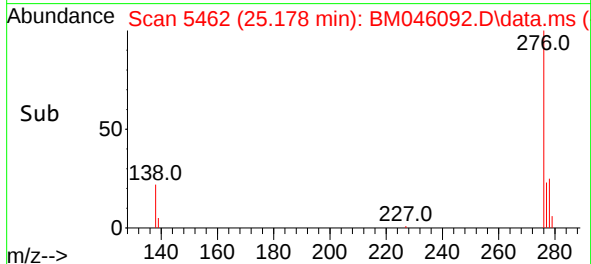
Instrument :
BNA_M
ClientSampleId :
A4BK1DL



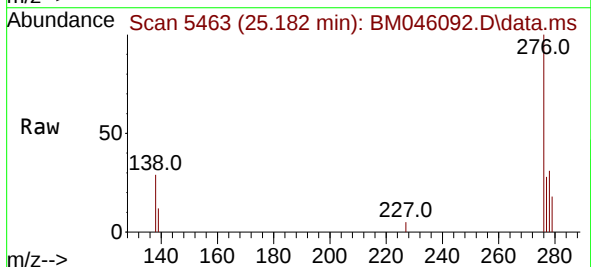
Tgt Ion:276 Resp: 7640
Ion Ratio Lower Upper
276 100
138 20.6 21.0 31.4#
227 0.2 0.0 0.0#

Manual Integrations
APPROVED

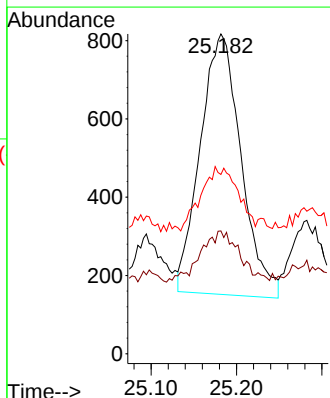
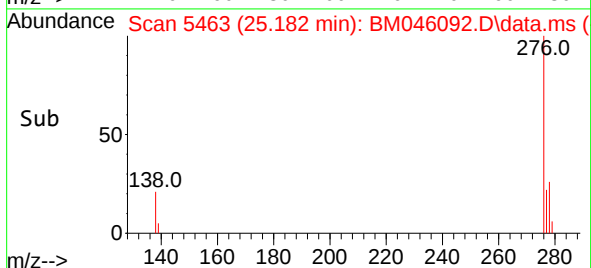
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

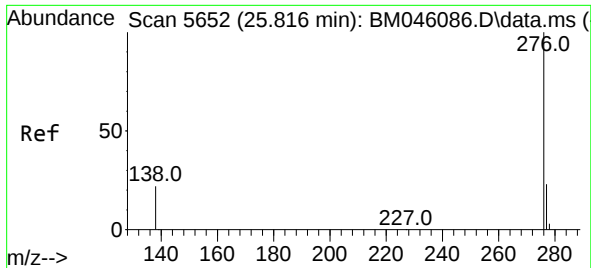


#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.182 min Scan# 5463
Delta R.T. -0.034 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51



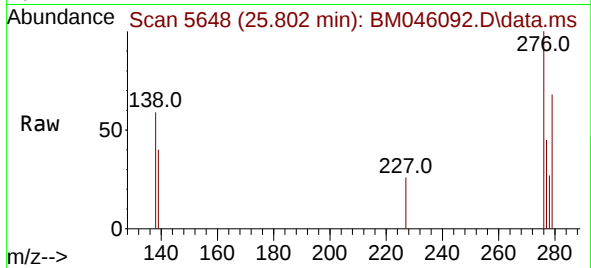
Tgt Ion:278 Resp: 2206
Ion Ratio Lower Upper
278 100
139 38.4 17.6 26.4#
279 56.1 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 25.802 min Scan# 5648
Delta R.T. -0.027 min
Lab File: BM046092.D
Acq: 19 Jun 2024 18:51

Instrument :
BNA_M
ClientSampleId :
A4BK1DL



Tgt Ion: 276 Resp: 1320
Ion Ratio Lower Upper
276 100
138 58.9 21.7 32.5
277 44.9 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

