

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046300.D
 Acq On : 25 Jun 2024 20:21
 Operator : MA/JU
 Sample : P2844-09DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C61DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 23:29:02 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 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2445	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	7253	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.053	164	4127	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8423	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	7140	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264	8014m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2768	0.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.816	152	620	0.064	ng/ul	-0.05
18) Fluoranthene-d10	18.830	212	1442	0.067	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.233	128	1355	0.067	ng/ul#	74
7) 2-Methylnaphthalene	11.882	142	484	0.043	ng/ul	95
8) 1-Methylnaphthalene	12.091	142	438	0.035	ng/ul	95
10) Acenaphthylene	13.771	152	3078	0.157	ng/ul#	93
11) Acenaphthene	14.114	153	1222	0.086	ng/ul	94
12) Fluorene	15.113	166	1505	0.099	ng/ul#	96
15) Phenanthrene	16.842	178	30331	1.282	ng/ul	96
16) Anthracene	16.930	178	6391	0.363	ng/ul	96
19) Fluoranthene	18.863	202	63682	2.060	ng/ul	96
20) Pyrene	19.221	202	48926	1.463	ng/ul	98
21) Benzo(a)anthracene	20.982	228	30524	1.107	ng/ul	97
22) Chrysene	21.035	228	29153	0.828	ng/ul	98
24) Benzo(b)fluoranthene	22.475	252	44730m	1.549	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	18433m	0.537	ng/ul	
26) Benzo(a)pyrene	22.999	252	17683	0.661	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.128	276	20231	0.462	ng/ul#	72
28) Dibenzo(a,h)anthracene	25.128	278	5487	0.168	ng/ul#	41
29) Benzo(g,h,i)perylene	25.749	276	3045	0.081	ng/ul#	56

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

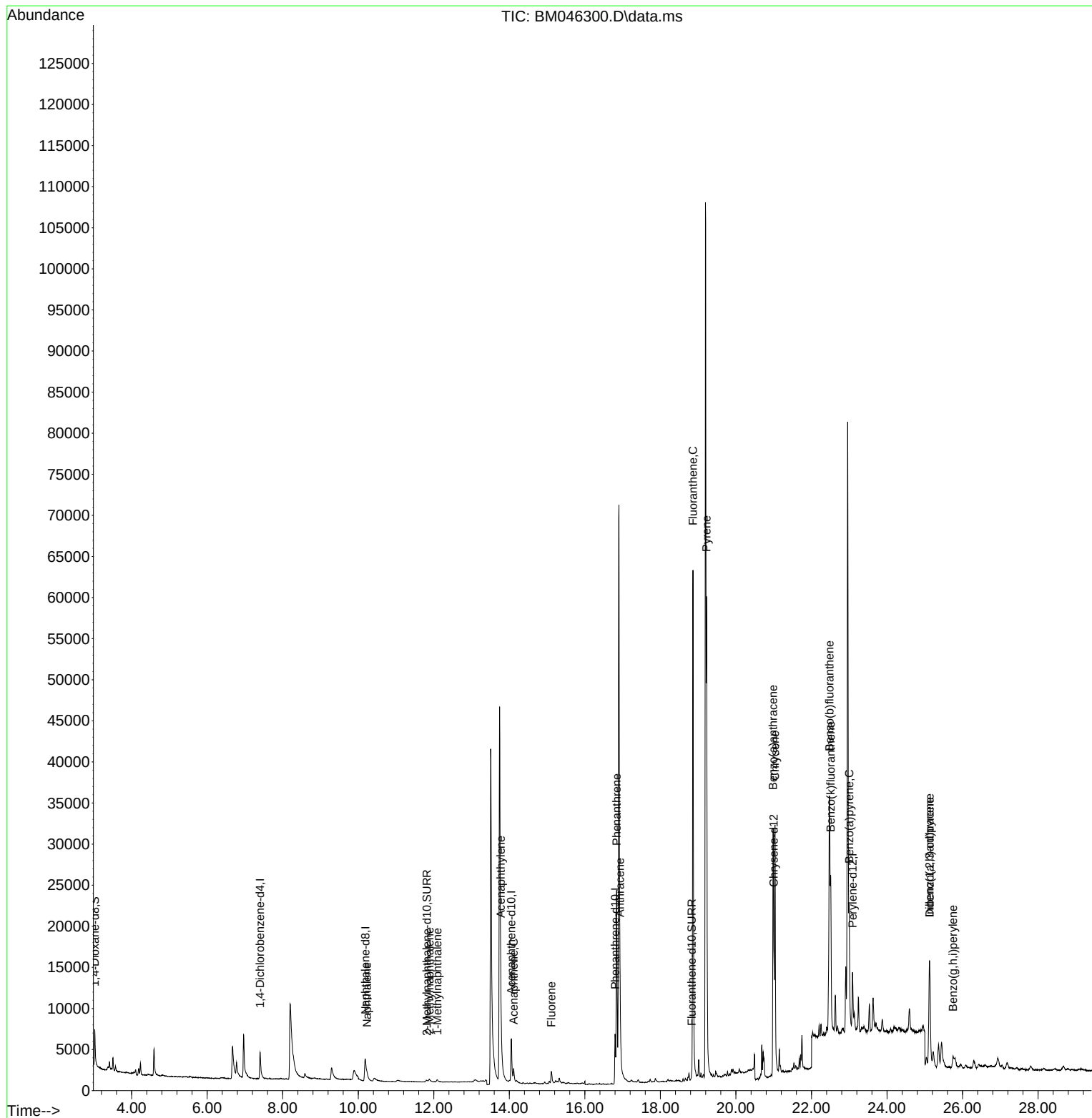
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046300.D
Acq On : 25 Jun 2024 20:21
Operator : MA/JU
Sample : P2844-09DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

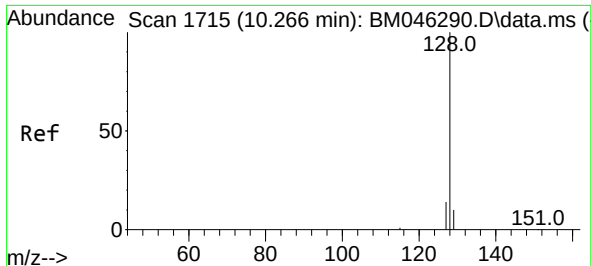
Instrument :
BNA_M
ClientSampleId :
A4C61DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

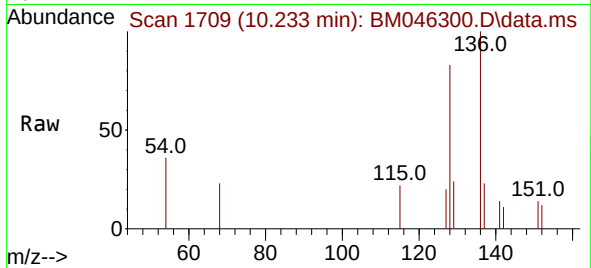
Quant Time: Jun 25 23:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.233 min Scan# 1715
Delta R.T. -0.071 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

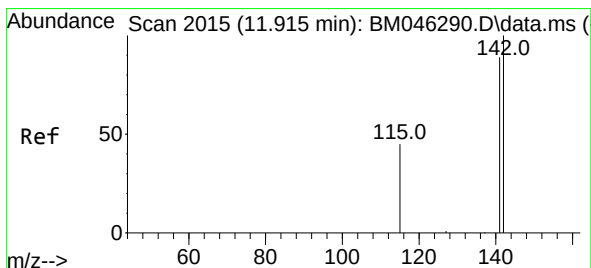
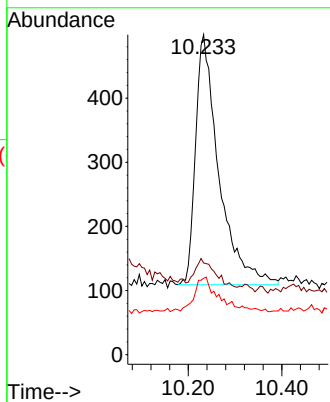
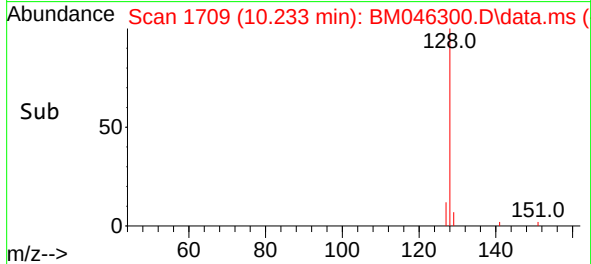
Instrument :
BNA_M
ClientSampleId :
A4C61DL



Tgt Ion:128 Resp: 135
Ion Ratio Lower Upper
128 100
129 28.7 11.8 17.6
127 23.8 12.8 19.2

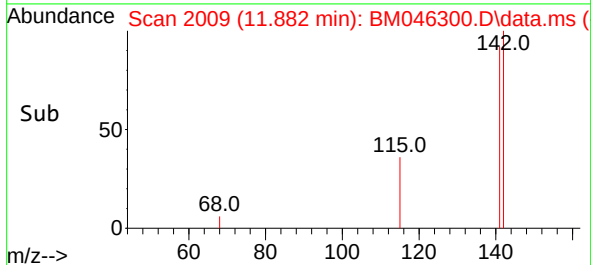
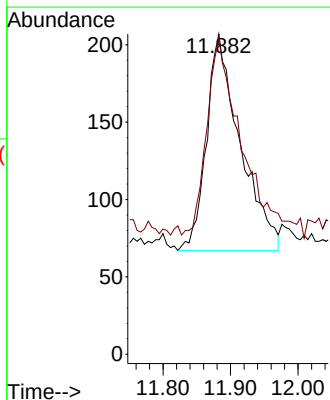
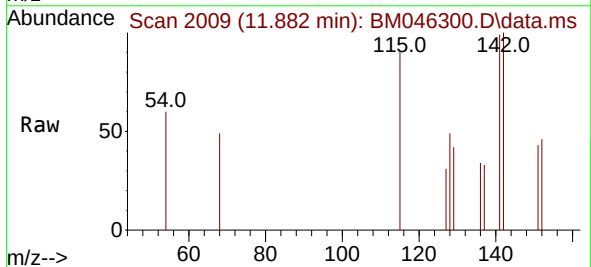
Manual Integrations
APPROVED

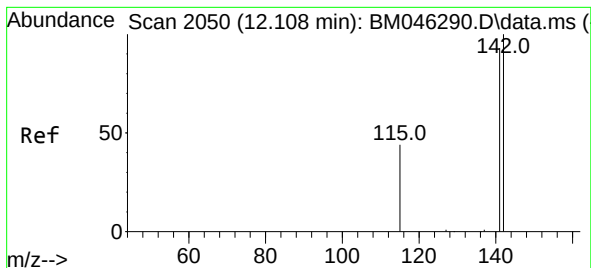
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.071 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
142 100
141 97.9 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.035 ng/u1

RT: 12.091 min Scan# 2050

Delta R.T. -0.044 min

Lab File: BM046300.D

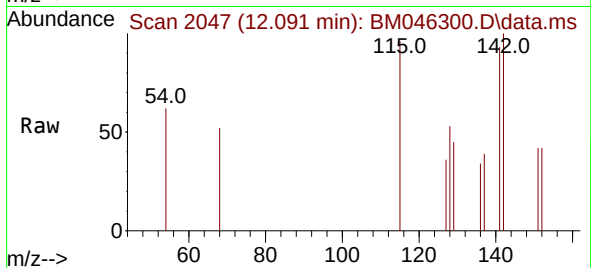
Acq: 25 Jun 2024 20:21

Instrument :

BNA_M

ClientSampleId :

A4C61DL



Tgt Ion:142 Resp: 438

Ion Ratio Lower Upper

142 100

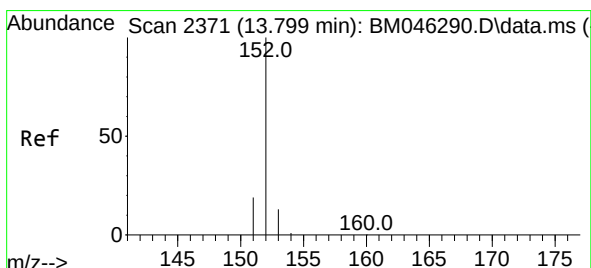
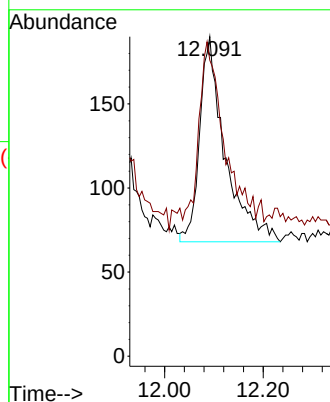
141 88.8 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#10

Acenaphthylene

Concen: 0.157 ng/u1

RT: 13.771 min Scan# 2365

Delta R.T. -0.046 min

Lab File: BM046300.D

Acq: 25 Jun 2024 20:21

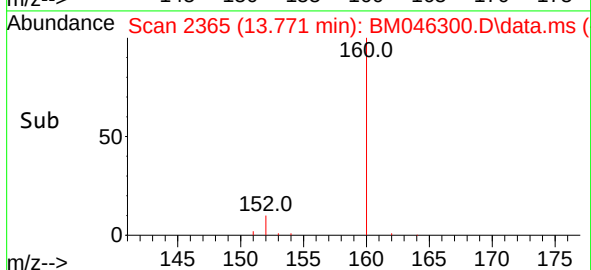
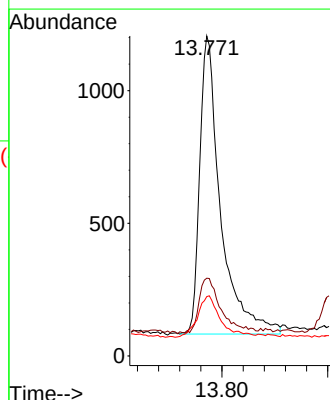
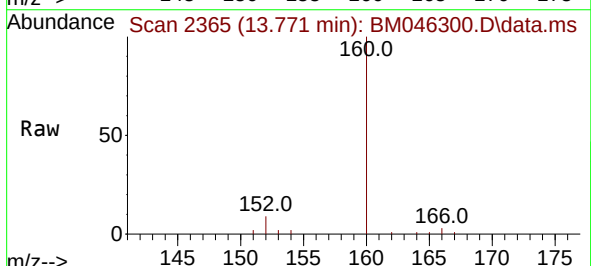
Tgt Ion:152 Resp: 3078

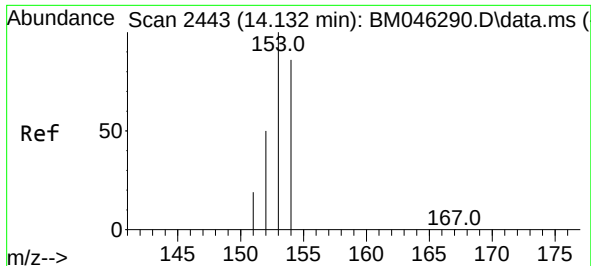
Ion Ratio Lower Upper

152 100

151 24.3 17.4 26.2

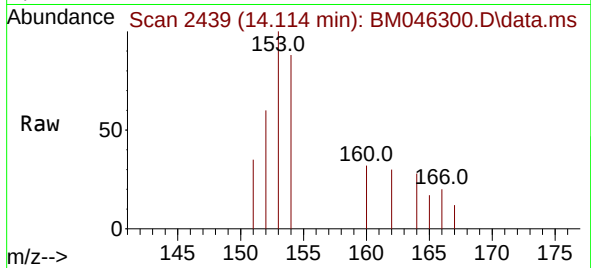
153 18.6 11.8 17.8#





#11
Acenaphthene
Concen: 0.086 ng/u1
RT: 14.114 min Scan# 2443
Delta R.T. -0.032 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

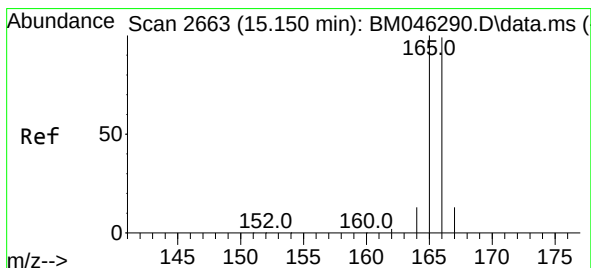
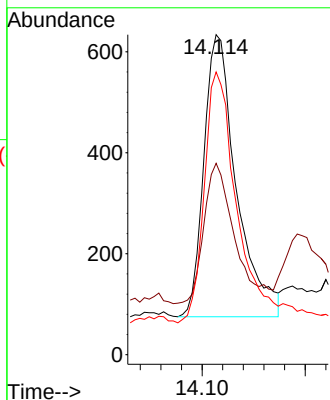
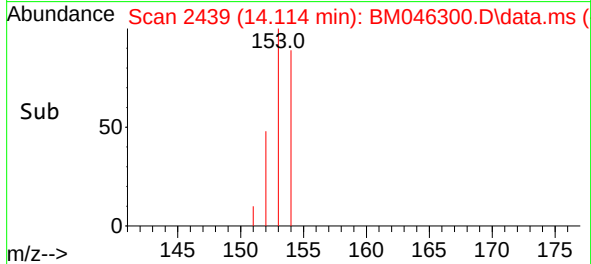
Instrument :
BNA_M
ClientSampleId :
A4C61DL



Tgt Ion:153 Resp: 122.0
Ion Ratio Lower Upper
153 100
152 59.8 41.3 61.9
154 88.3 68.2 102.4

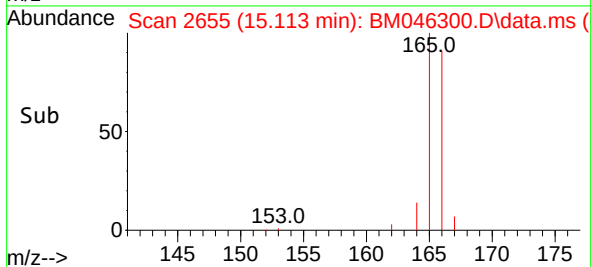
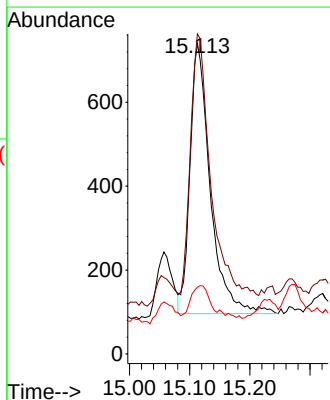
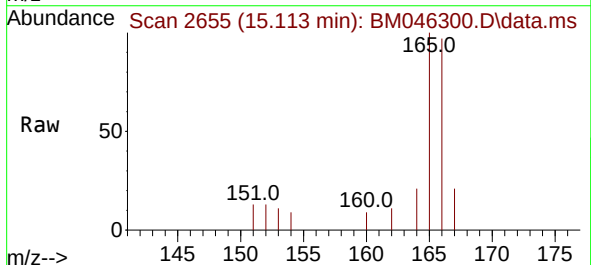
Manual Integrations
APPROVED

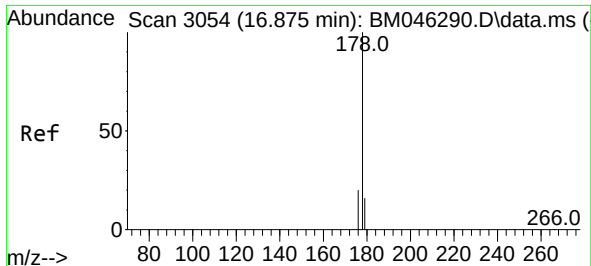
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.099 ng/u1
RT: 15.113 min Scan# 2655
Delta R.T. -0.055 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:166 Resp: 1505
Ion Ratio Lower Upper
166 100
165 103.1 80.4 120.6
167 21.5 12.4 18.6#





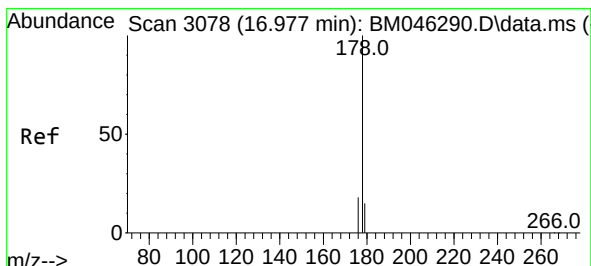
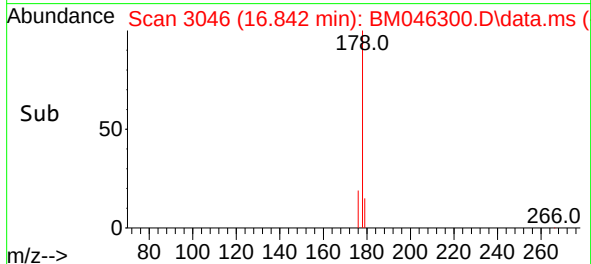
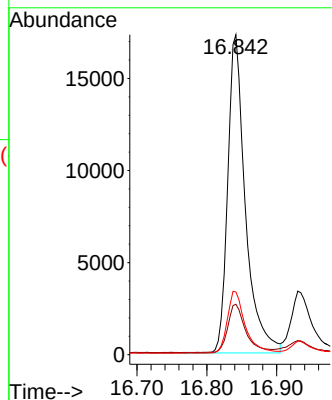
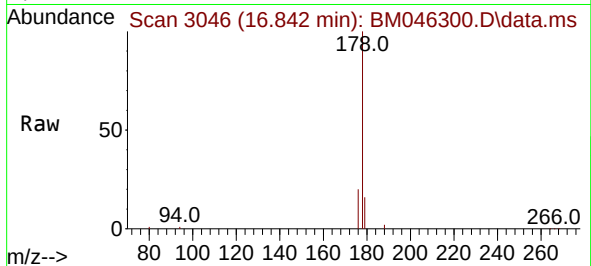
#15
Phenanthrene
Concen: 1.282 ng/u1
RT: 16.842 min Scan# 3067
Delta R.T. -0.046 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:178 Resp: 3033
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 19.6 17.1 25.7

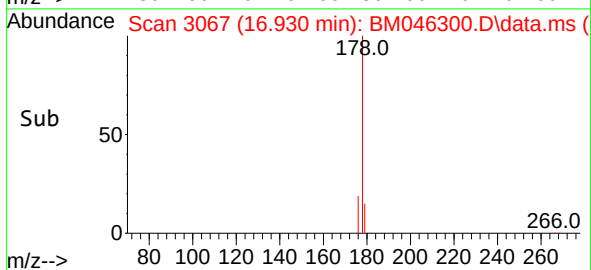
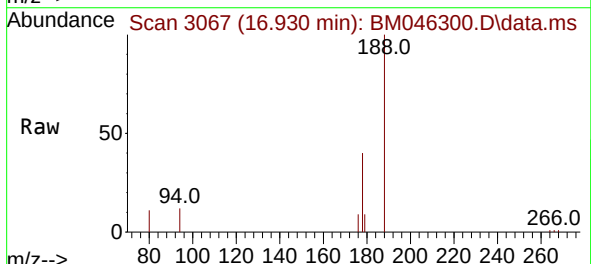
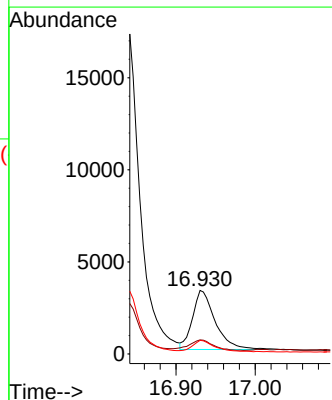
Manual Integrations
APPROVED

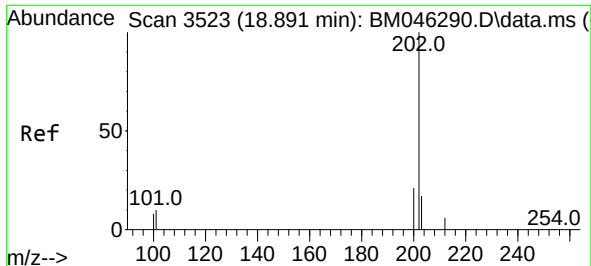
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.363 ng/u1
RT: 16.930 min Scan# 3067
Delta R.T. -0.076 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

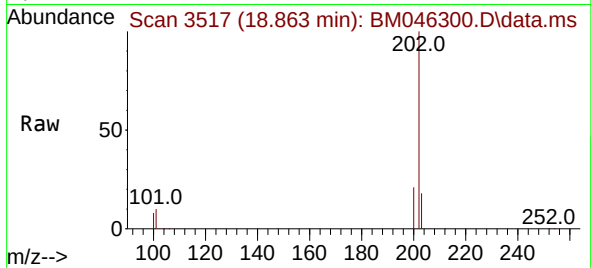
Tgt Ion:178 Resp: 6391
Ion Ratio Lower Upper
178 100
179 22.1 14.9 22.3
176 21.3 17.0 25.4





#19
Fluoranthene
Concen: 2.060 ng/u1
RT: 18.863 min Scan# 31
Delta R.T. -0.042 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

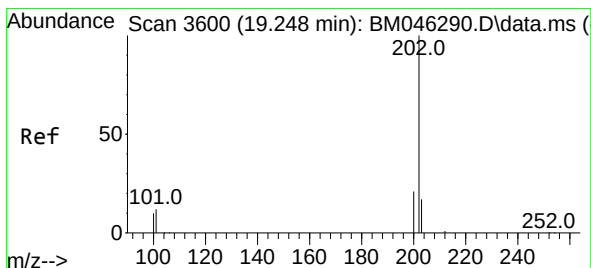
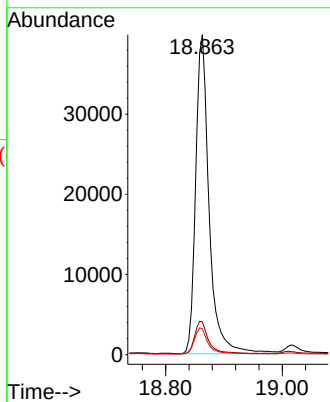
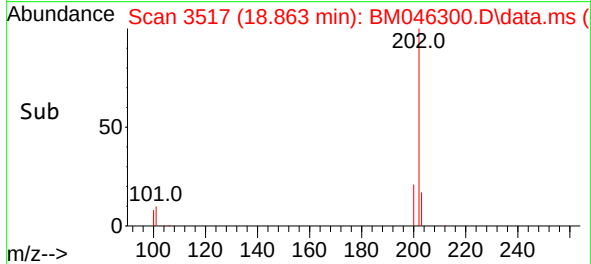
Instrument :
BNA_M
ClientSampleId :
A4C61DL



Tgt Ion:202 Resp: 6368
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.1 7.6 11.4

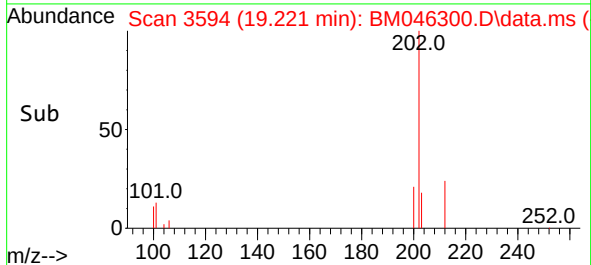
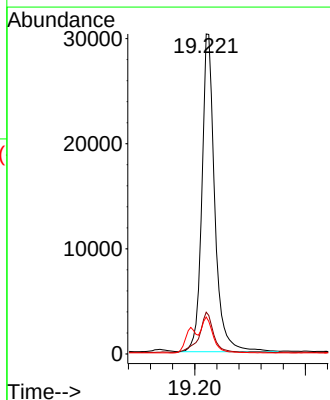
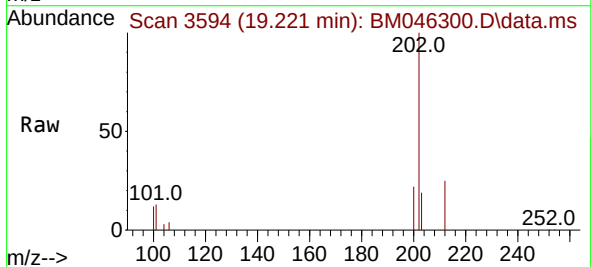
Manual Integrations
APPROVED

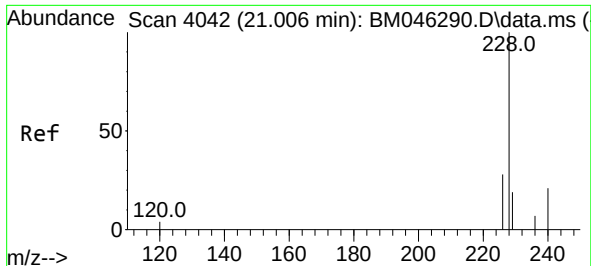
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 1.463 ng/u1
RT: 19.221 min Scan# 3594
Delta R.T. -0.037 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

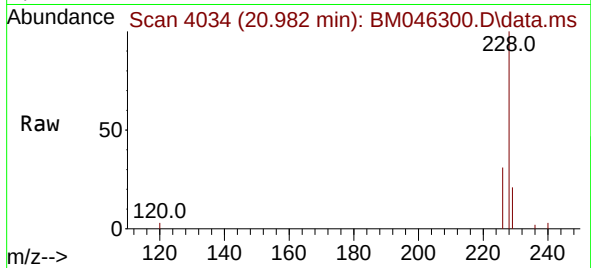
Tgt Ion:202 Resp: 48926
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.107 ng/u1
RT: 20.982 min Scan# 4034
Delta R.T. -0.029 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

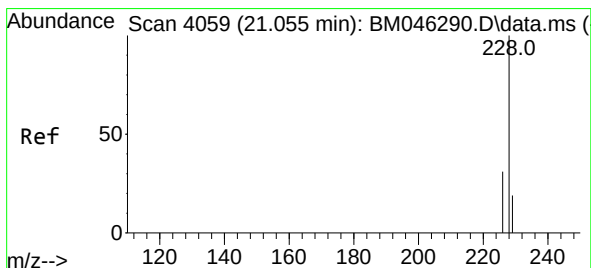
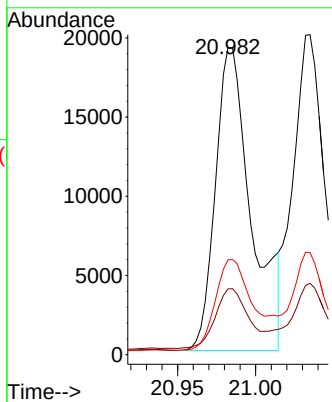
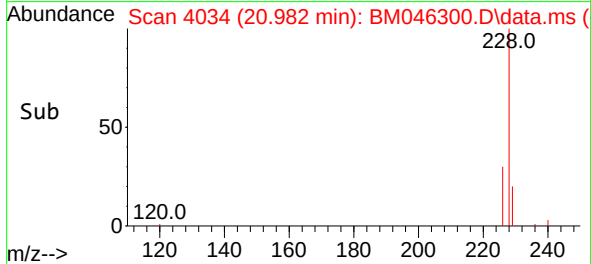
Instrument :
BNA_M
ClientSampleId :
A4C61DL



Tgt Ion:228 Resp: 30524
Ion Ratio Lower Upper
228 100
229 21.4 16.4 24.6
226 30.9 23.4 35.2

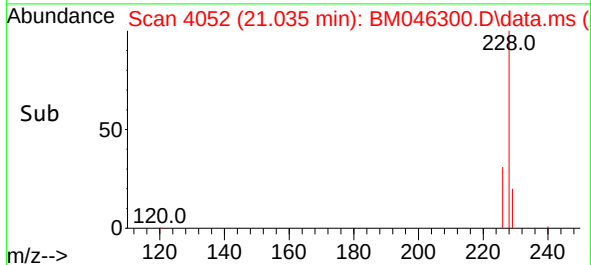
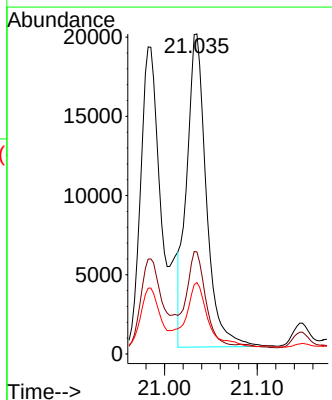
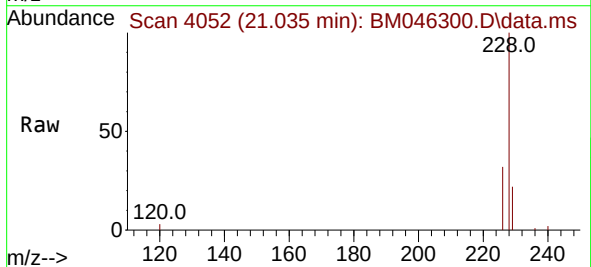
Manual Integrations
APPROVED

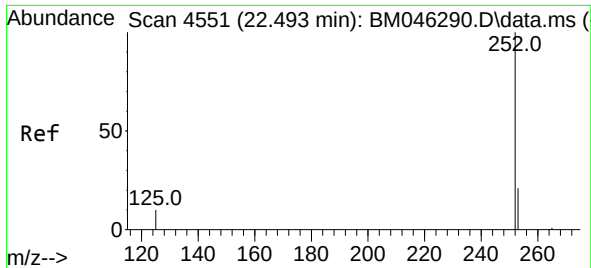
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.828 ng/u1
RT: 21.035 min Scan# 4052
Delta R.T. -0.023 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

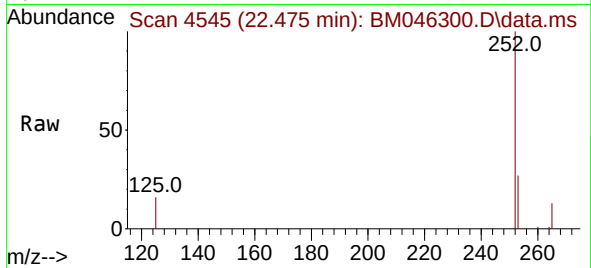
Tgt Ion:228 Resp: 29153
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 22.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.549 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.020 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

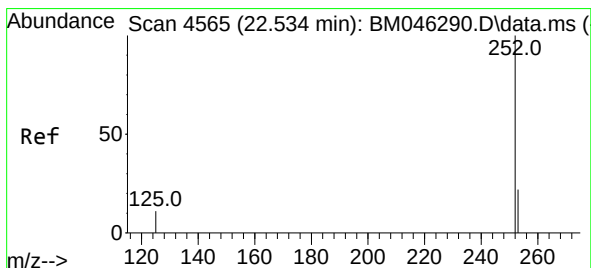
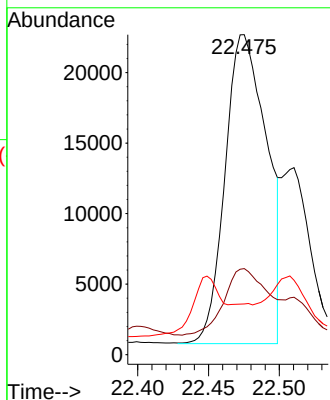
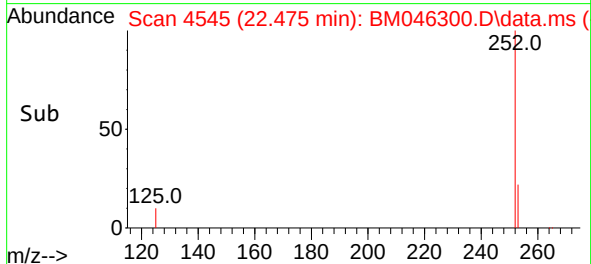
Instrument :
BNA_M
ClientSampleId :
A4C61DL



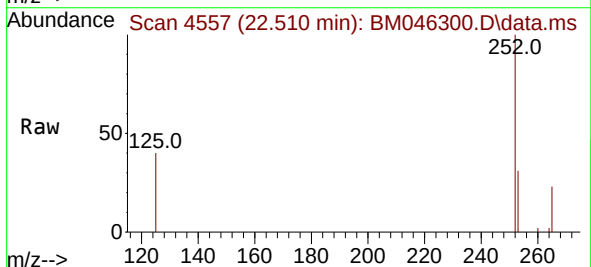
Tgt Ion:252 Resp: 44730
Ion Ratio Lower Upper
252 100
253 26.9 0.0 65.8
125 15.9 0.0 40.2

Manual Integrations
APPROVED

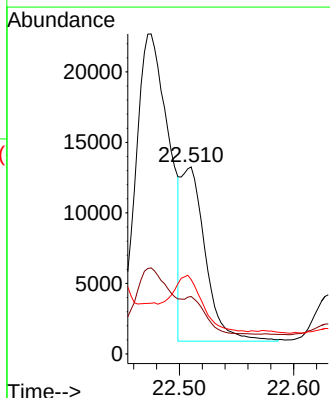
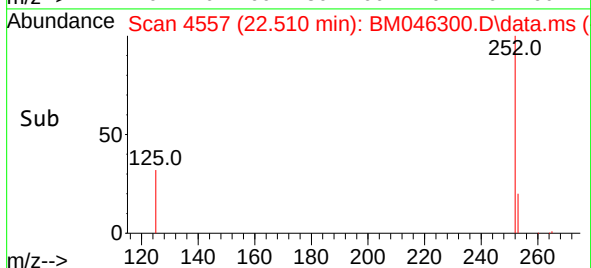
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

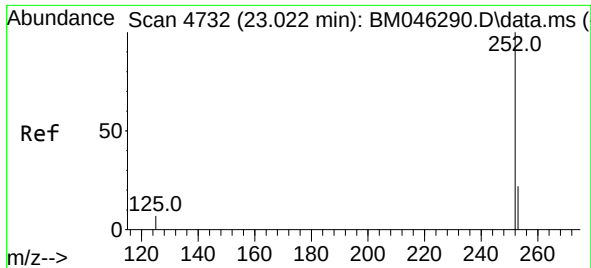


#25
Benzo(k)fluoranthene
Concen: 0.537 ng/ul m
RT: 22.510 min Scan# 4557
Delta R.T. -0.026 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21



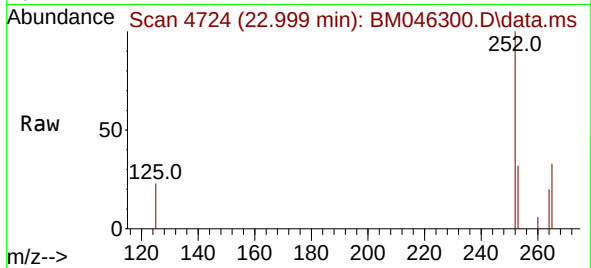
Tgt Ion:252 Resp: 18433
Ion Ratio Lower Upper
252 100
253 30.7 27.2 40.8
125 39.8 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.661 ng/ul
RT: 22.999 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

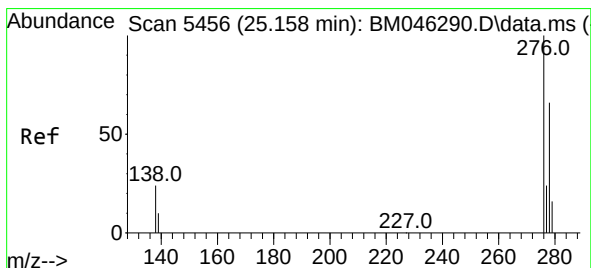
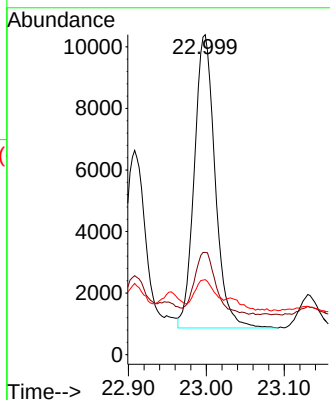
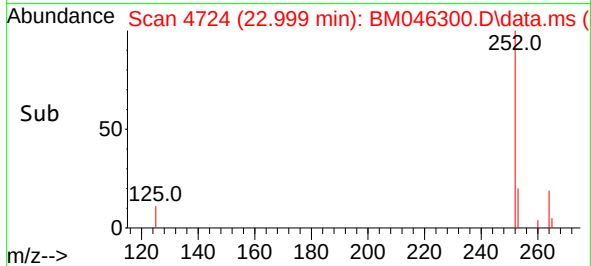
Instrument :
BNA_M
ClientSampleId :
A4C61DL



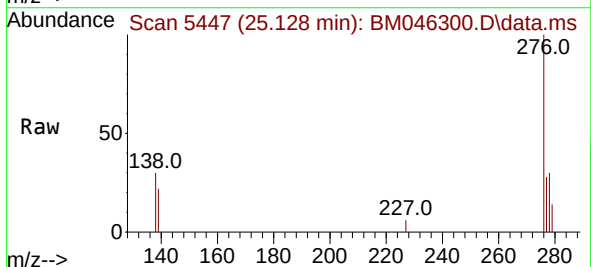
Tgt Ion:252 Resp: 1768
Ion Ratio Lower Upper
252 100
253 32.0 32.1 48.1
125 23.5 21.2 31.8

Manual Integrations
APPROVED

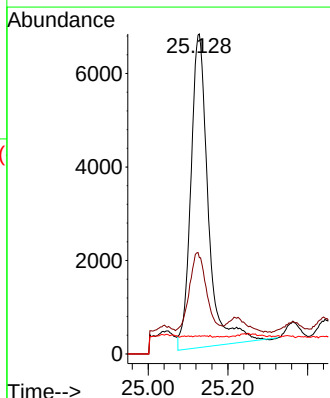
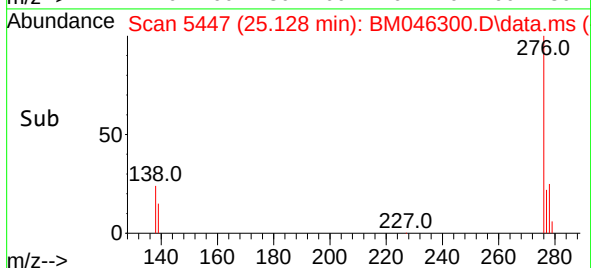
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

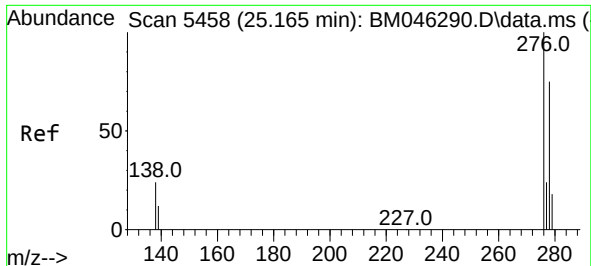


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.040 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21



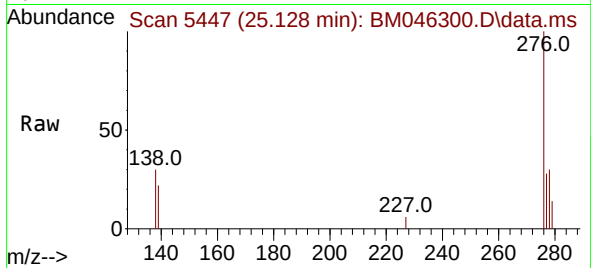
Tgt Ion:276 Resp: 20231
Ion Ratio Lower Upper
276 100
138 40.3 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 25.128 min Scan# 5458
Delta R.T. -0.054 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

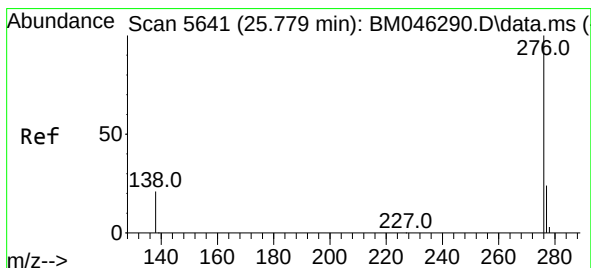
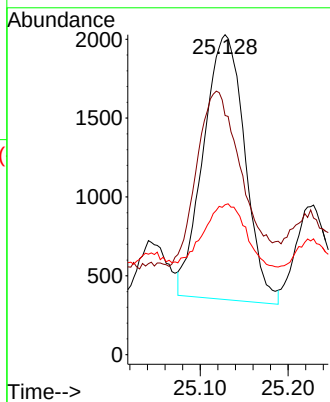
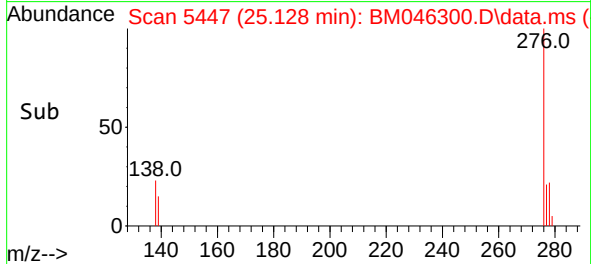
Instrument :
BNA_M
ClientSampleId :
A4C61DL



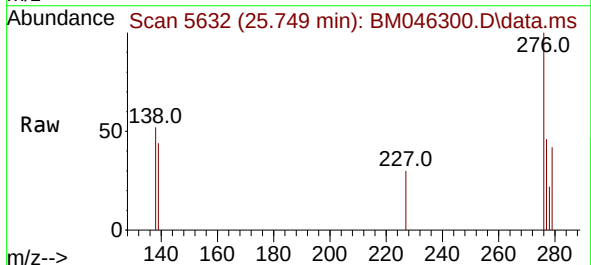
Tgt Ion:278 Resp: 548
Ion Ratio Lower Upper
278 100
139 74.8 17.6 26.4#
279 46.9 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.037 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21



Tgt Ion:276 Resp: 3045
Ion Ratio Lower Upper
276 100
138 52.3 21.7 32.5#
277 45.6 20.4 30.6#

