

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
 Data File : BM045613.D
 Acq On : 27 Apr 2024 15:20
 Operator : MA/JU
 Sample : P2203-20DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 28 22:54:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1179	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	3150	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1449	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.954	188	2676	0.400	ng/ul	-0.03
17) Chrysene-d12	21.175	240	2294	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	3184m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1756	1.111	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	299	0.072	ng/ul	-0.01
18) Fluoranthene-d10	18.996	212	470	0.065	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	9189	1.086	ng/ul#	88
7) 2-Methylnaphthalene	11.997	142	2475	0.512	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	1198	0.221	ng/ul	97
10) Acenaphthylene	13.909	152	1077	0.151	ng/ul#	91
11) Acenaphthene	14.256	153	4223	0.796	ng/ul	96
12) Fluorene	15.255	166	5315	0.936	ng/ul	98
15) Phenanthrene	16.997	178	27924	3.583	ng/ul	93
16) Anthracene	17.094	178	8842	1.213	ng/ul	94
19) Fluoranthene	19.029	202	25314	2.391	ng/ul#	89
20) Pyrene	19.391	202	18481	1.698	ng/ul#	93
21) Benzo(a)anthracene	21.164	228	8552	1.166	ng/ul	98
22) Chrysene	21.213	228	8070	0.716	ng/ul	99
24) Benzo(b)fluoranthene	22.710	252	11432	1.067	ng/ul	90
25) Benzo(k)fluoranthene	22.750	252	3902m	0.288	ng/ul	
26) Benzo(a)pyrene	23.265	252	7152	0.644	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.545	276	5920	0.367	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.555	278	1609	0.126	ng/ul#	59
29) Benzo(g,h,i)perylene	26.212	276	5609	0.387	ng/ul	97

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

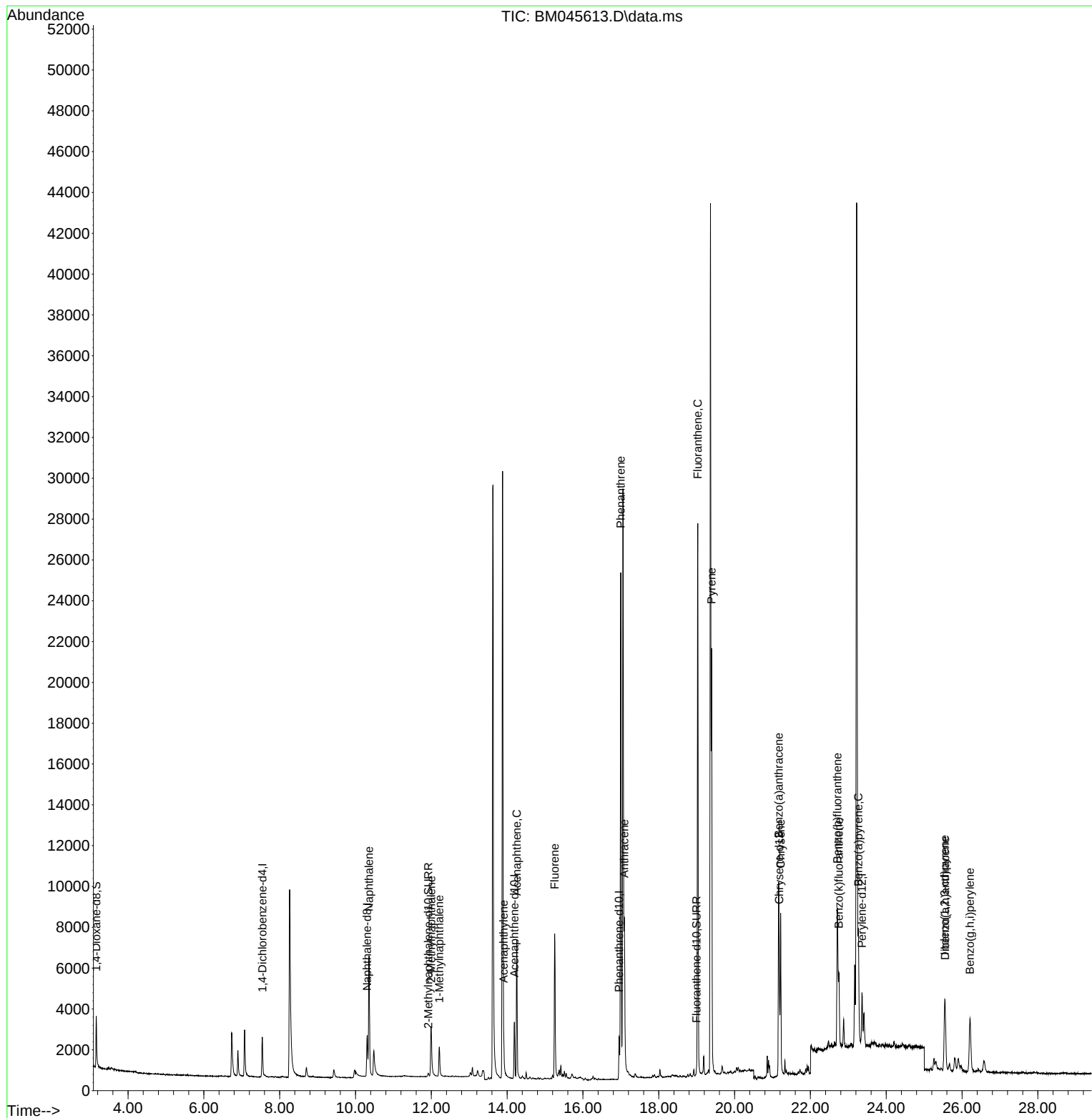
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045613.D
Acq On : 27 Apr 2024 15:20
Operator : MA/JU
Sample : P2203-20DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

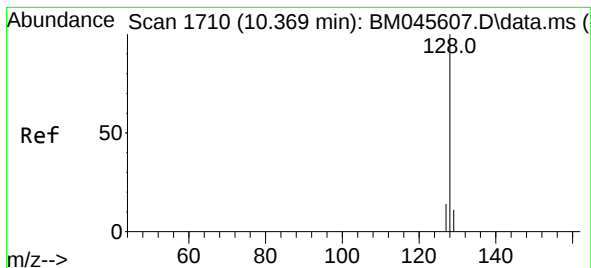
Instrument :
BNA_M
ClientSampleId :
E1CX4DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 28 22:54:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 1.086 ng/ul

RT: 10.358 min Scan# 1

Delta R.T. -0.022 min

Lab File: BM045613.D

Acq: 27 Apr 2024 15:20

Instrument :

BNA_M

ClientSampleId :

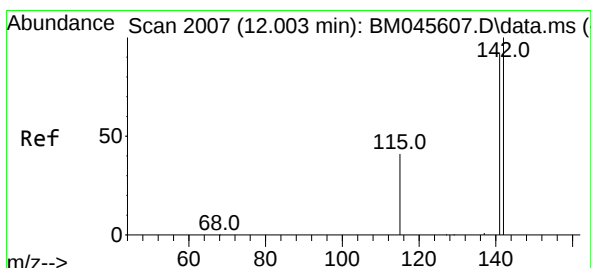
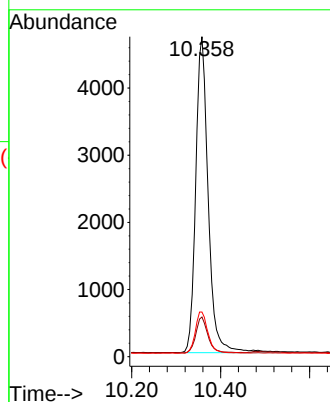
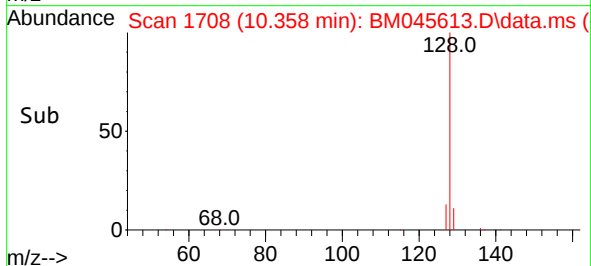
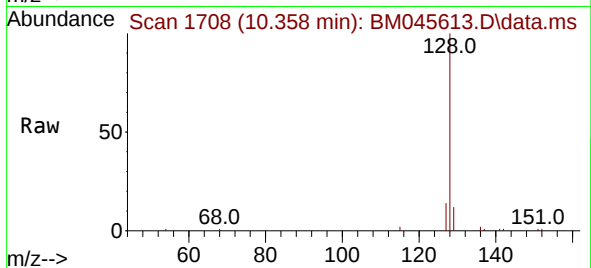
E1CX4DL

Tgt Ion:128	Resp:	9189
Ion Ratio	Lower	Upper
128	100	
129	12.4	14.0 21.0
127	13.9	15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#7

2-Methylnaphthalene

Concen: 0.512 ng/ul

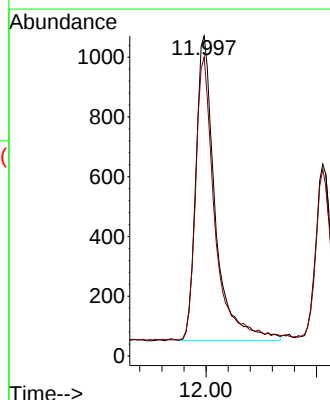
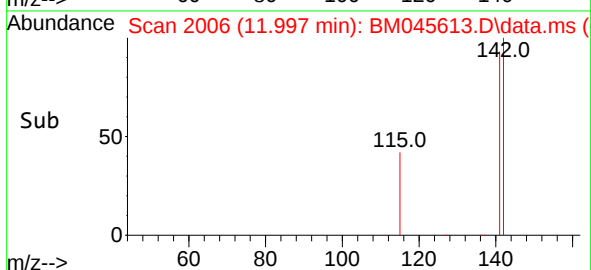
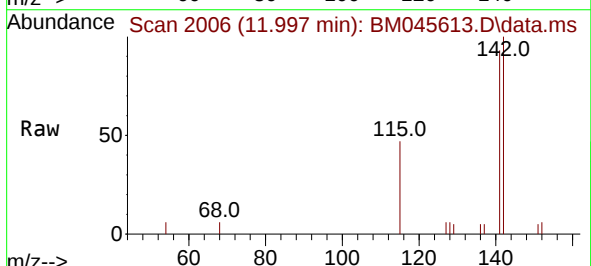
RT: 11.997 min Scan# 2006

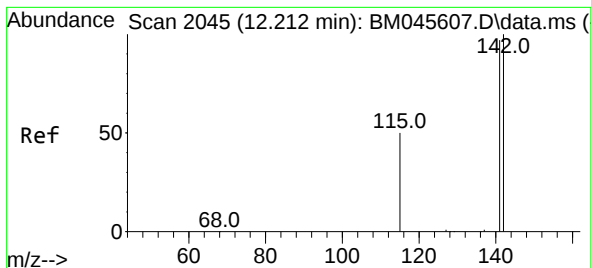
Delta R.T. -0.011 min

Lab File: BM045613.D

Acq: 27 Apr 2024 15:20

Tgt Ion:142	Resp:	2475
Ion Ratio	Lower	Upper
142	100	
141	93.4	74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.221 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045613.D

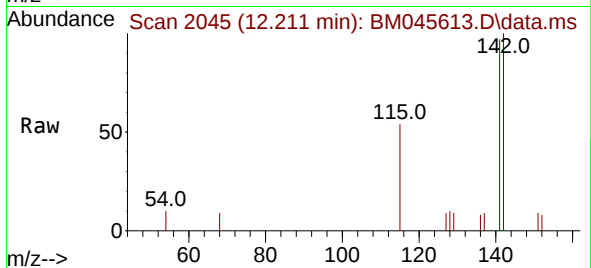
Acq: 27 Apr 2024 15:20

Instrument :

BNA_M

ClientSampleId :

E1CX4DL



Tgt Ion:142 Resp: 1198

Ion Ratio Lower Upper

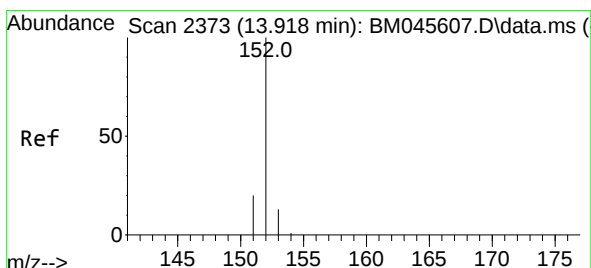
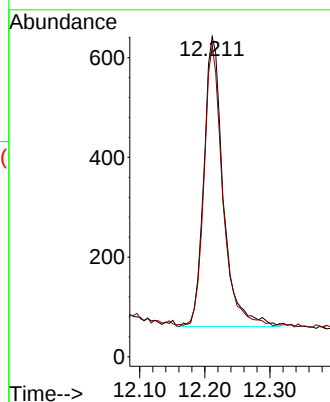
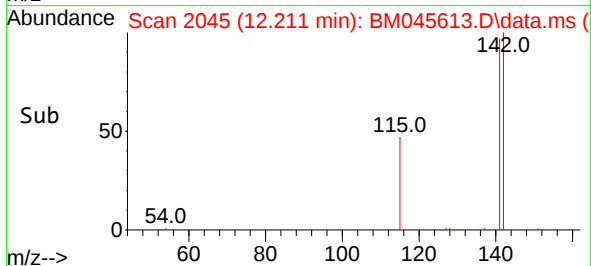
142 100

141 92.6 76.1 114.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#10

Acenaphthylene

Concen: 0.151 ng/ul

RT: 13.909 min Scan# 2371

Delta R.T. -0.018 min

Lab File: BM045613.D

Acq: 27 Apr 2024 15:20

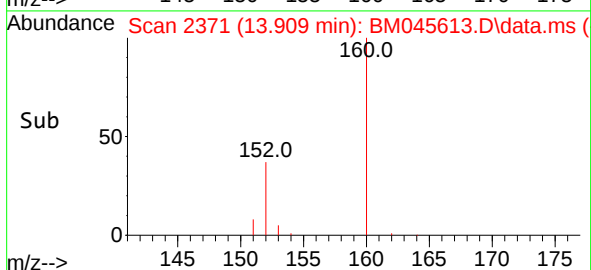
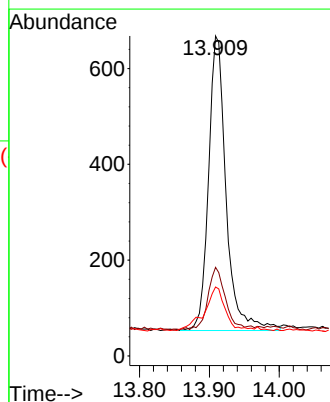
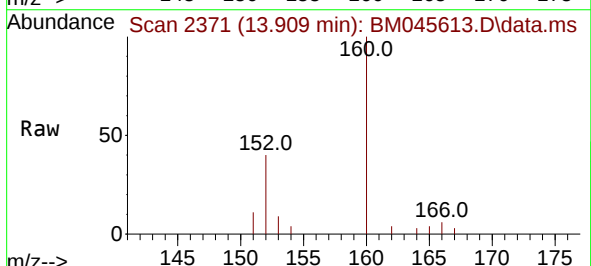
Tgt Ion:152 Resp: 1077

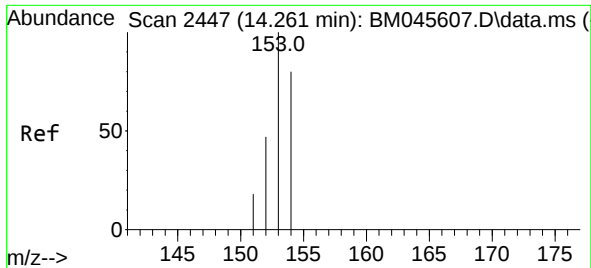
Ion Ratio Lower Upper

152 100

151 27.7 18.6 28.0

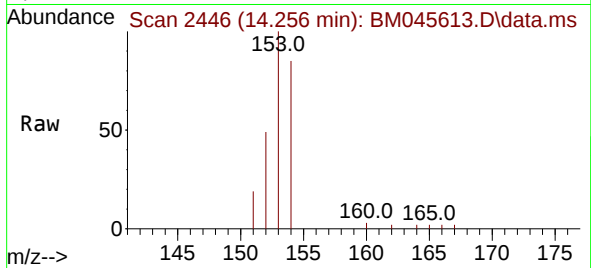
153 21.6 14.1 21.1#





#11
Acenaphthene
Concen: 0.796 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

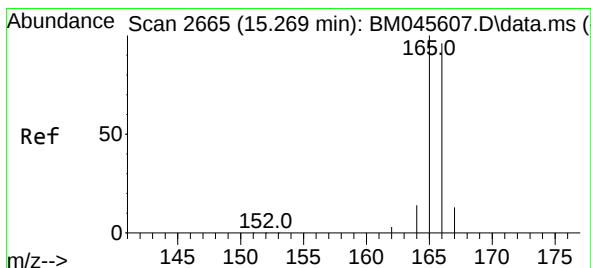
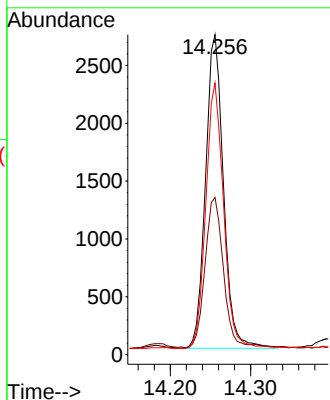
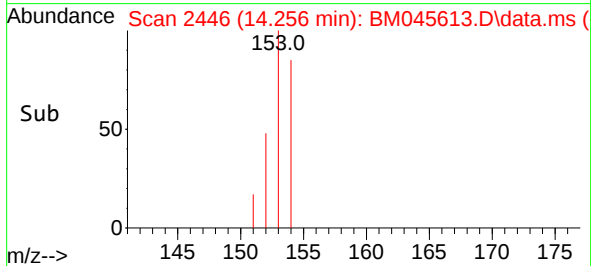
Instrument :
BNA_M
ClientSampleId :
E1CX4DL



Tgt Ion:153 Resp: 422
Ion Ratio Lower Upper
153 100
152 49.2 43.4 65.2
154 84.9 69.0 103.6

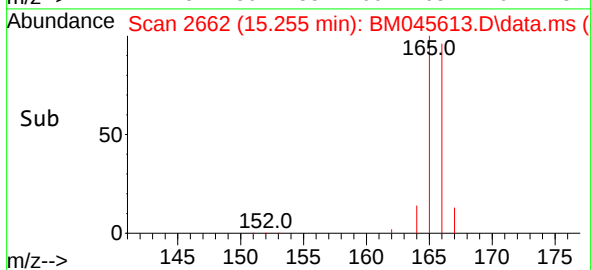
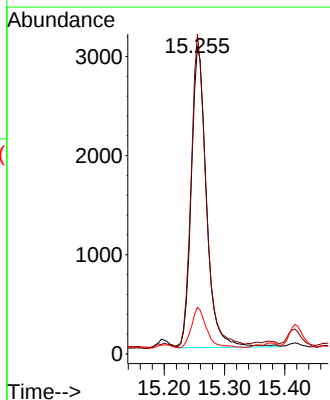
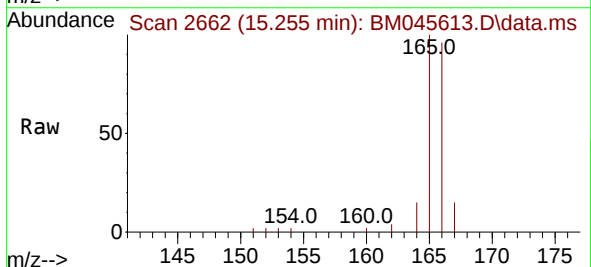
Manual Integrations
APPROVED

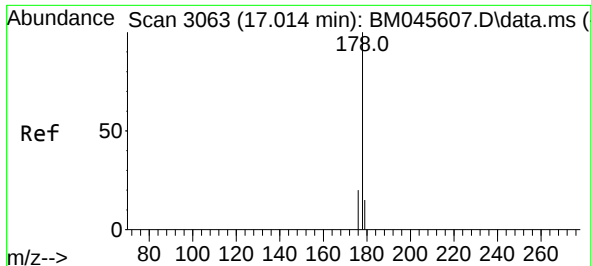
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
Fluorene
Concen: 0.936 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

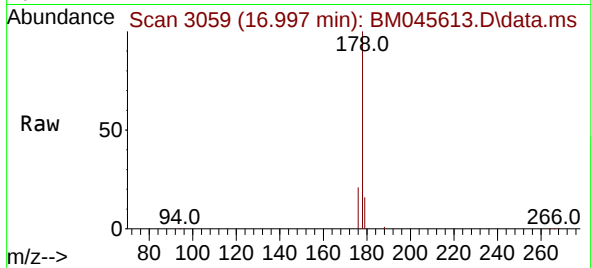
Tgt Ion:166 Resp: 5315
Ion Ratio Lower Upper
166 100
165 104.3 82.2 123.2
167 15.2 14.8 22.2





#15
Phenanthrene
Concen: 3.583 ng/u1
RT: 16.997 min Scan# 3063
Delta R.T. -0.025 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

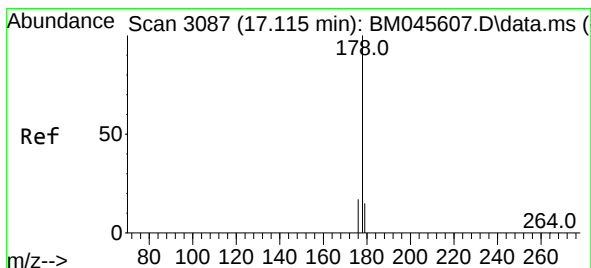
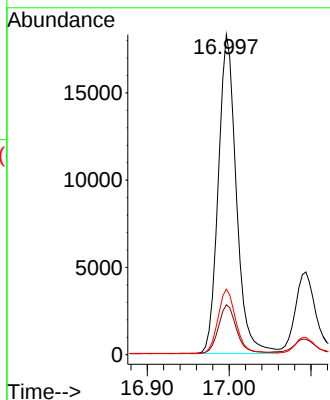
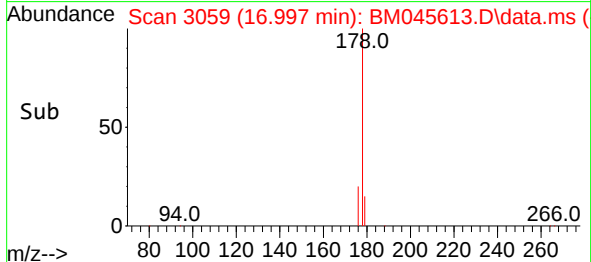
Instrument :
BNA_M
ClientSampleId :
E1CX4DL



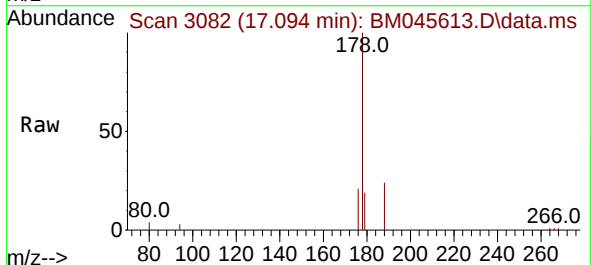
Tgt Ion:178 Resp: 27924
Ion Ratio Lower Upper
178 100
179 15.6 15.4 23.2
176 20.5 19.0 28.4

Manual Integrations
APPROVED

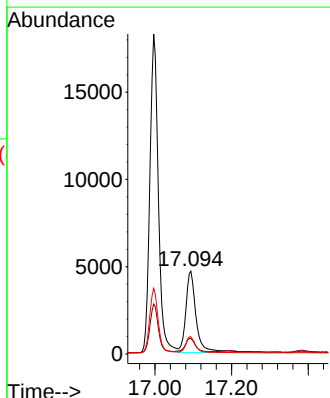
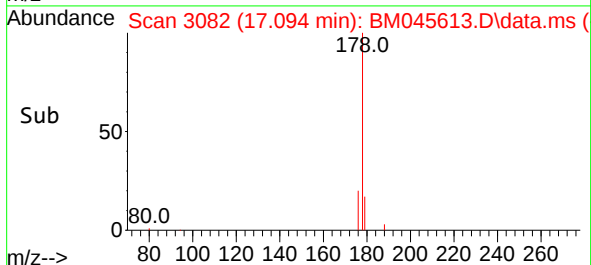
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

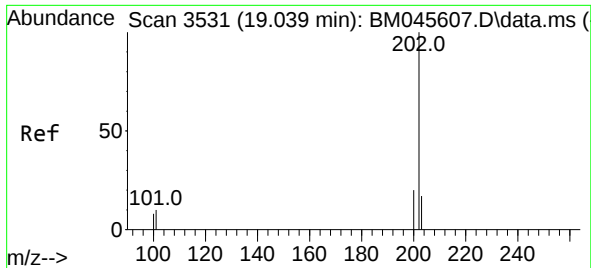


#16
Anthracene
Concen: 1.213 ng/u1
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20



Tgt Ion:178 Resp: 8842
Ion Ratio Lower Upper
178 100
179 18.7 17.8 26.6
176 20.9 18.7 28.1





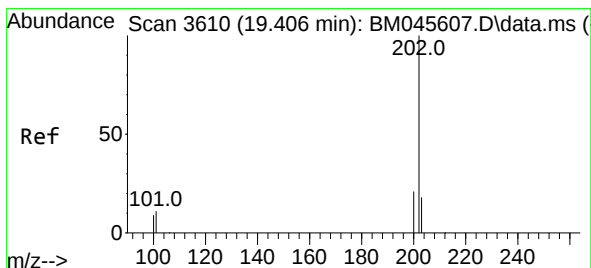
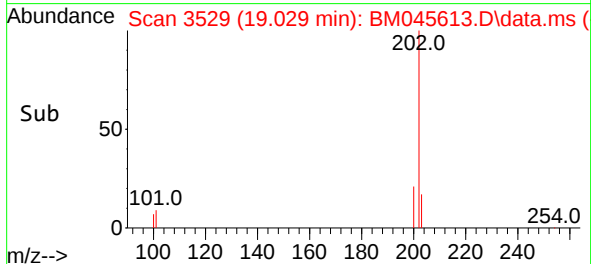
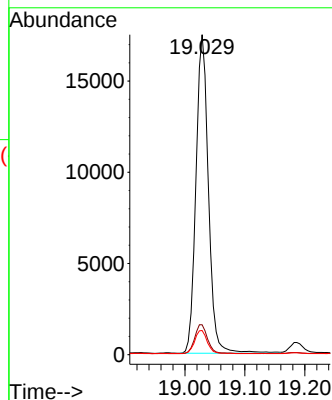
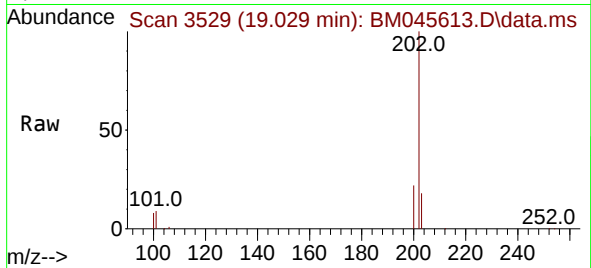
#19
Fluoranthene
Concen: 2.391 ng/u1
RT: 19.029 min Scan# 3529
Delta R.T. -0.019 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

Instrument :
BNA_M
ClientSampleId :
E1CX4DL

Tgt Ion:202 Resp: 25314
Ion Ratio Lower Upper
202 100
101 9.4 11.2 16.8
100 7.6 9.1 13.7

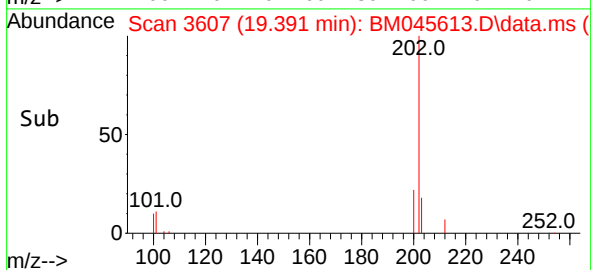
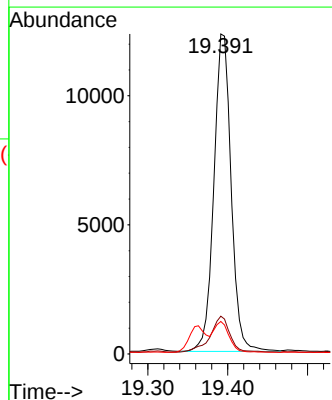
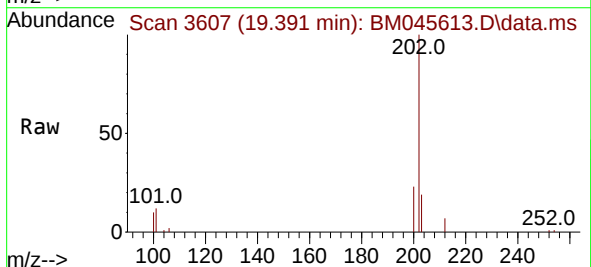
Manual Integrations
APPROVED

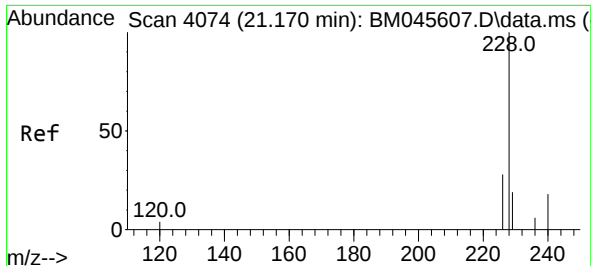
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#20
Pyrene
Concen: 1.698 ng/u1
RT: 19.391 min Scan# 3607
Delta R.T. -0.023 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

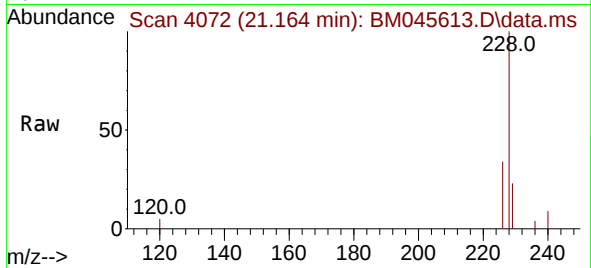
Tgt Ion:202 Resp: 18481
Ion Ratio Lower Upper
202 100
101 11.8 11.5 17.3
100 10.1 10.6 15.8





#21
Benzo(a)anthracene
Concen: 1.166 ng/ul
RT: 21.164 min Scan# 4072
Delta R.T. -0.018 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

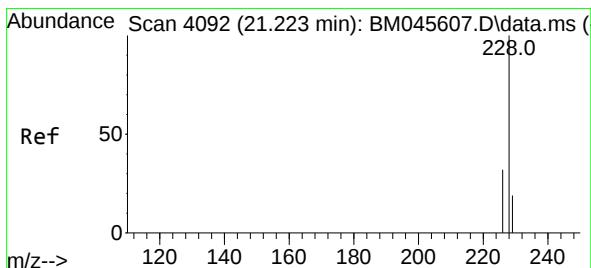
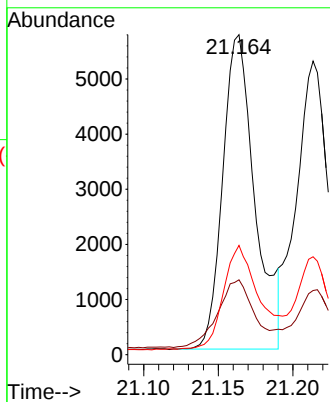
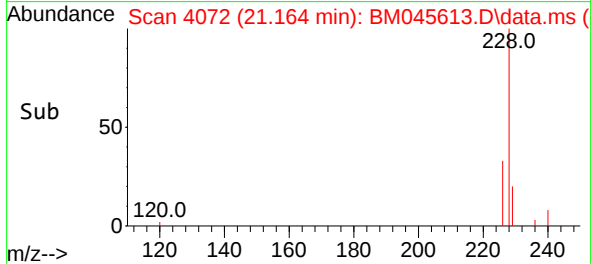
Instrument :
BNA_M
ClientSampleId :
E1CX4DL



Tgt Ion:228 Resp: 855
Ion Ratio Lower Upper
228 100
229 23.4 19.4 29.2
226 34.1 26.3 39.5

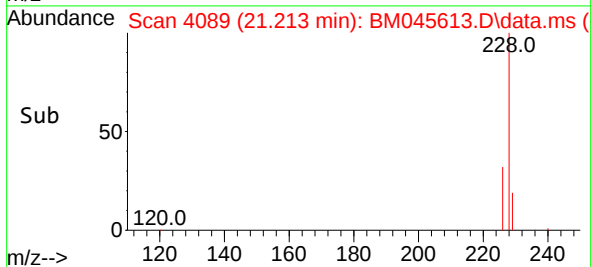
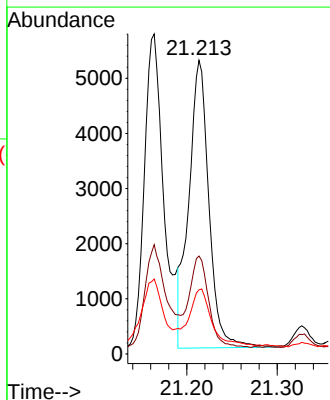
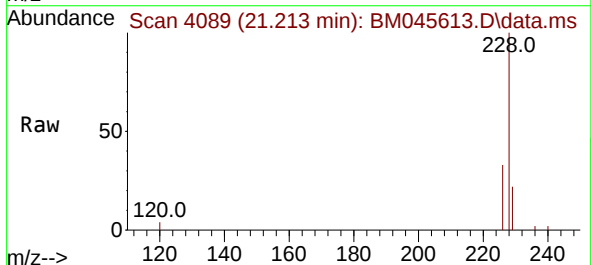
Manual Integrations
APPROVED

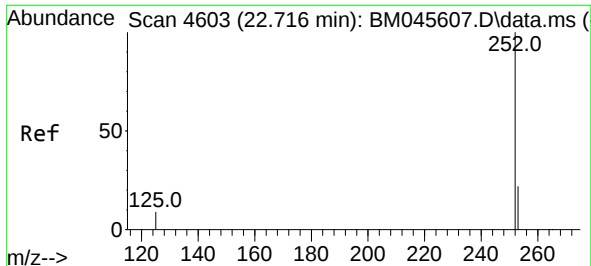
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#22
Chrysene
Concen: 0.716 ng/ul
RT: 21.213 min Scan# 4089
Delta R.T. -0.015 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

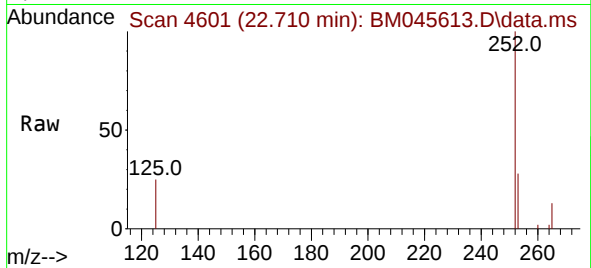
Tgt Ion:228 Resp: 8070
Ion Ratio Lower Upper
228 100
226 33.3 26.3 39.5
229 21.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 1.067 ng/ul
RT: 22.710 min Scan# 4601
Delta R.T. -0.020 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

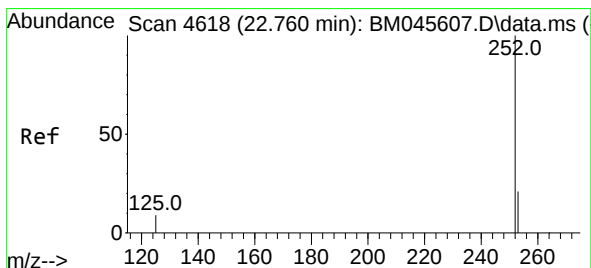
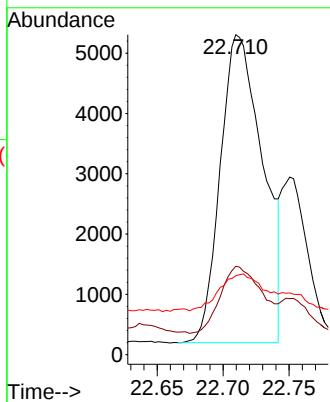
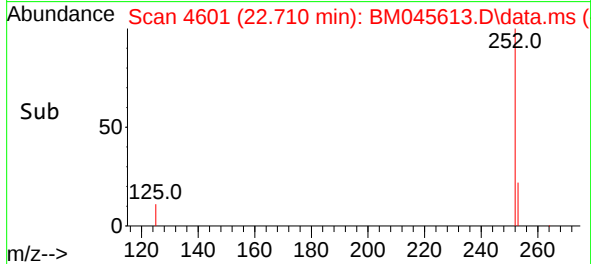
Instrument :
BNA_M
ClientSampleId :
E1CX4DL



Tgt Ion:252 Resp: 1143
Ion Ratio Lower Upper
252 100
253 27.7 0.0 63.4
125 24.7 0.0 36.8

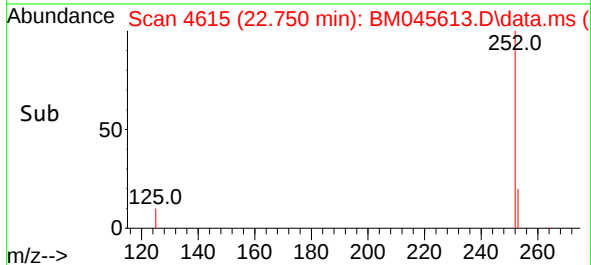
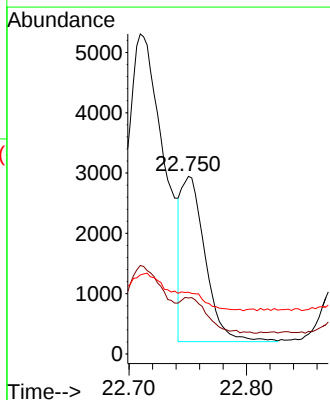
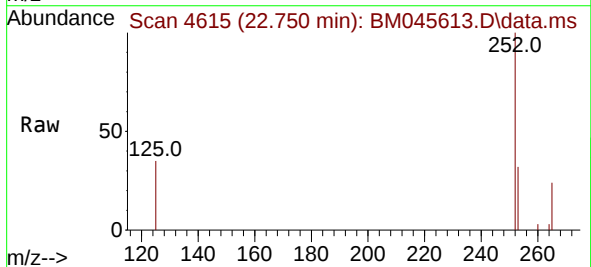
Manual Integrations
APPROVED

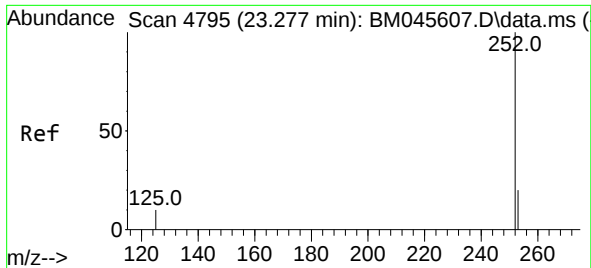
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul m
RT: 22.750 min Scan# 4615
Delta R.T. -0.020 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

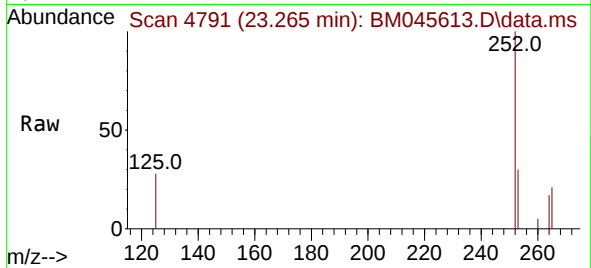
Tgt Ion:252 Resp: 3902
Ion Ratio Lower Upper
252 100
253 31.6 25.4 38.0
125 34.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.644 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.026 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

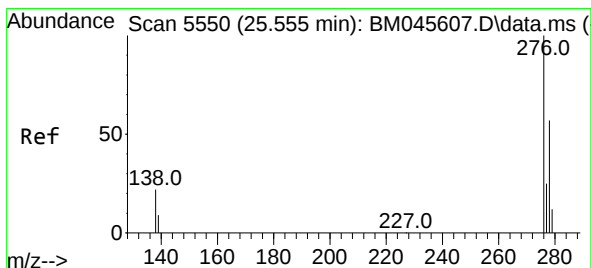
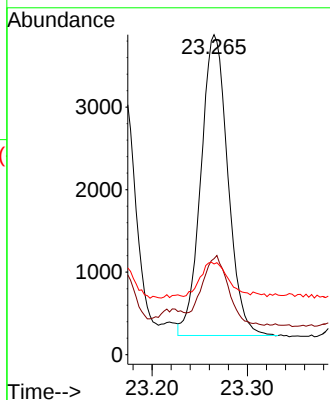
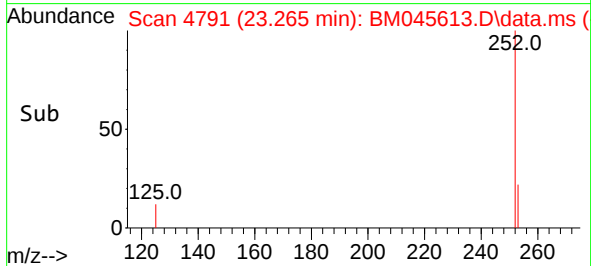
Instrument :
BNA_M
ClientSampleId :
E1CX4DL



Tgt Ion:252 Resp: 7152
Ion Ratio Lower Upper
252 100
253 30.0 31.6 47.4#
125 28.3 19.5 29.3#

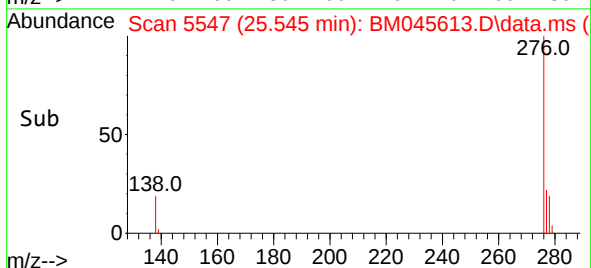
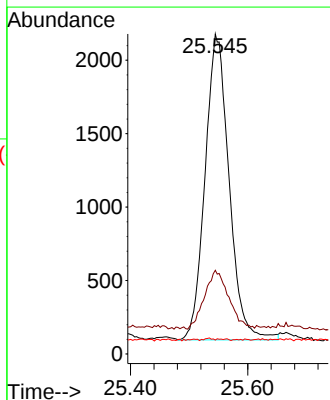
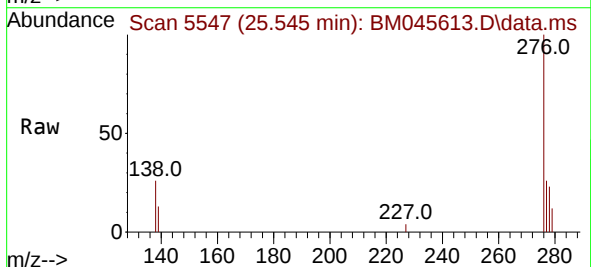
Manual Integrations
APPROVED

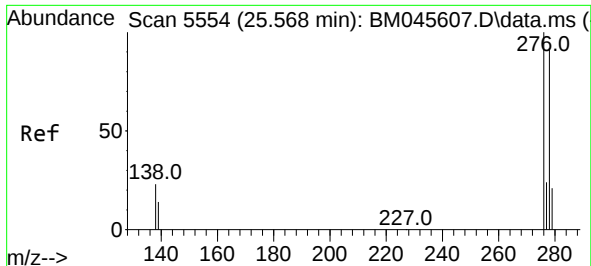
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 25.545 min Scan# 5547
Delta R.T. -0.027 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

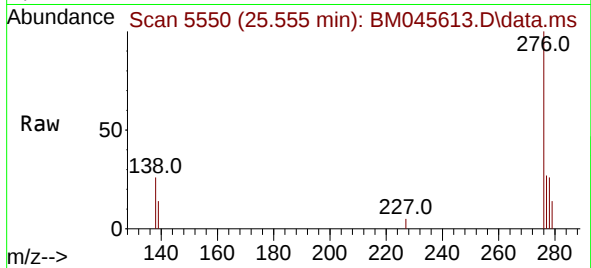
Tgt Ion:276 Resp: 5920
Ion Ratio Lower Upper
276 100
138 19.5 19.8 29.6#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul
RT: 25.555 min Scan# 51
Delta R.T. -0.034 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20

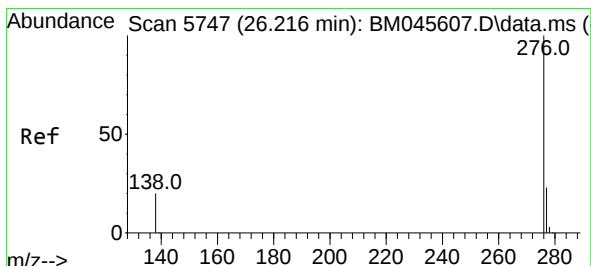
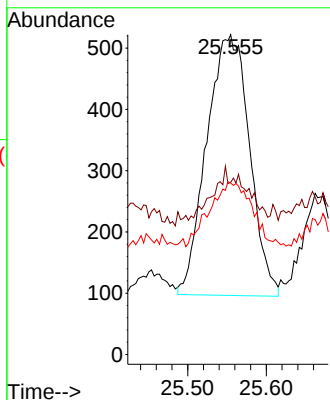
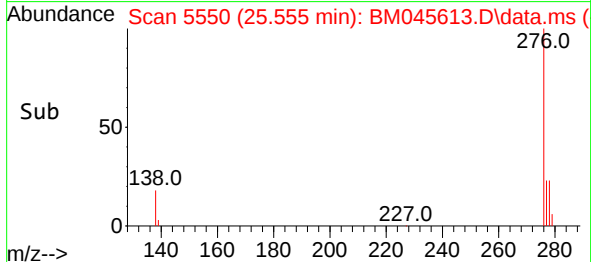
Instrument :
BNA_M
ClientSampleId :
E1CX4DL



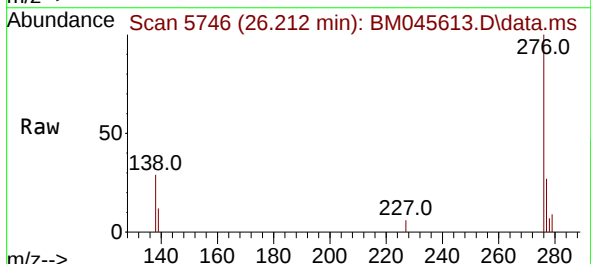
Tgt Ion:278 Resp: 1609
Ion Ratio Lower Upper
278 100
139 53.8 19.0 28.6
279 53.6 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. -0.023 min
Lab File: BM045613.D
Acq: 27 Apr 2024 15:20



Tgt Ion:276 Resp: 5609
Ion Ratio Lower Upper
276 100
138 29.1 20.8 31.2
277 27.2 21.8 32.8

