

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046459.D
 Acq On : 09 Jul 2024 05:13
 Operator : MA/JU
 Sample : P2963-18DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CS9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 05:55:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5763	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	15446	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	9691	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.921	188	19613	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.129	240	13423	0.400	ng/ul	-0.01
23) Perylene-d12	23.277	264	13953	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3505	0.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1291	0.057	ng/ul	-0.01
18) Fluoranthene-d10	18.959	212	2655	0.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.336	128	5013	0.122	ng/ul	97
7) 2-Methylnaphthalene	11.964	142	2094	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.184	142	1292	0.045	ng/ul	97
10) Acenaphthylene	13.886	152	9069	0.184	ng/ul	98
11) Acenaphthene	14.233	153	2064	0.064	ng/ul	97
12) Fluorene	15.227	166	2924	0.077	ng/ul#	96
15) Phenanthrene	16.963	178	68461	1.166	ng/ul	99
16) Anthracene	17.056	178	15774	0.277	ng/ul	98
19) Fluoranthene	18.992	202	129258	1.905	ng/ul#	93
20) Pyrene	19.354	202	99550	1.426	ng/ul#	90
21) Benzo(a)anthracene	21.111	228	61075	1.018	ng/ul	94
22) Chrysene	21.161	228	67637	1.134	ng/ul	97
24) Benzo(b)fluoranthene	22.642	252	88023m	1.484	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	27599m	0.461	ng/ul	
26) Benzo(a)pyrene	23.183	252	29274	0.624	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.414	276	32801	0.518	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.424	278	11216	0.229	ng/ul#	83
29) Benzo(g,h,i)perylene	26.054	276	4853	0.096	ng/ul#	74

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

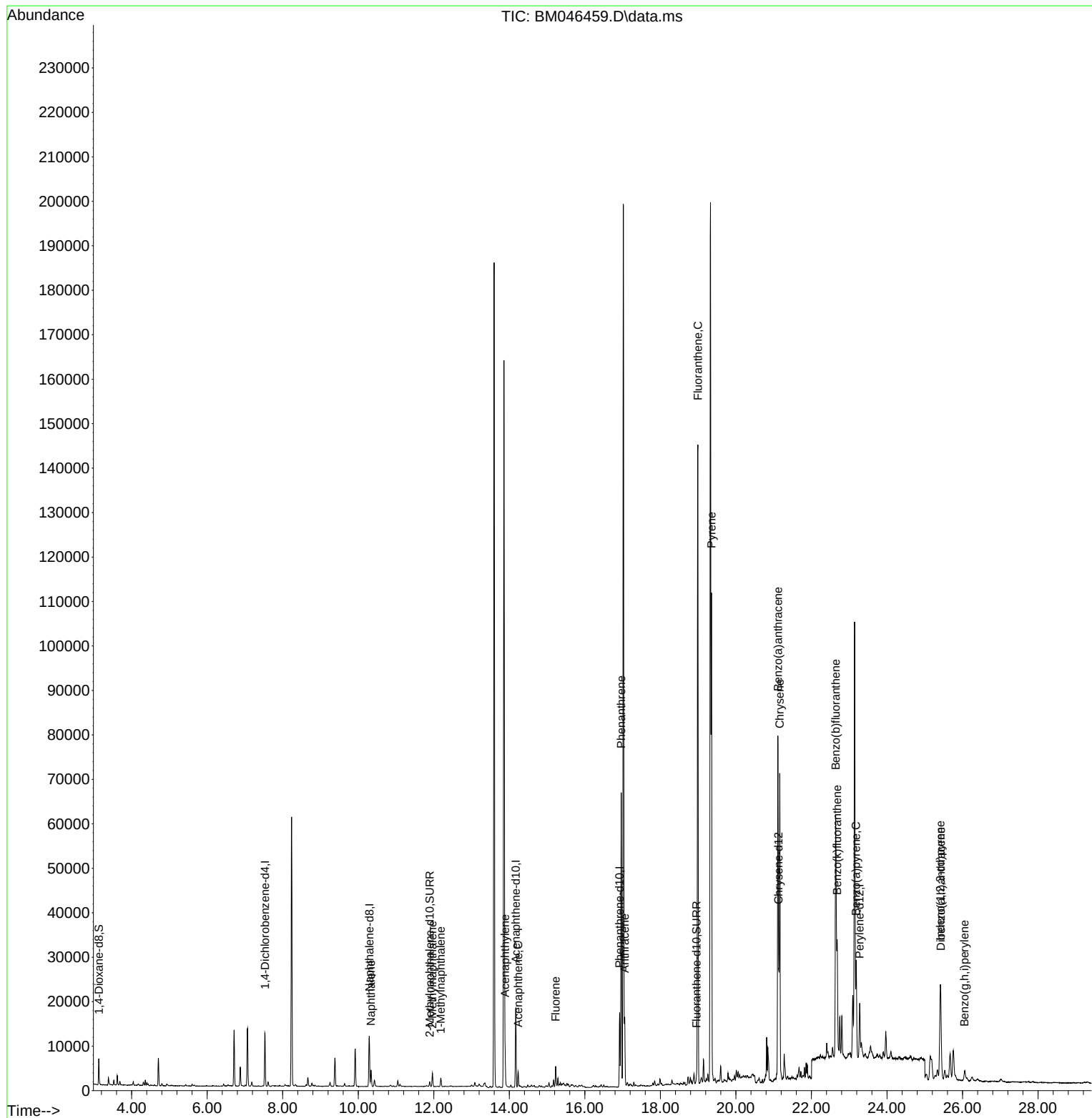
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046459.D
Acq On : 09 Jul 2024 05:13
Operator : MA/JU
Sample : P2963-18DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

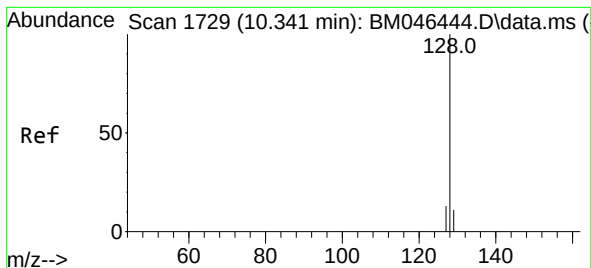
Instrument :
BNA_M
ClientSampleId :
A4CS9DL

Quant Time: Jul 09 05:55:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024





#5

Naphthalene

Concen: 0.122 ng/ul

RT: 10.336 min Scan# 1

Delta R.T. -0.016 min

Lab File: BM046459.D

Acq: 09 Jul 2024 05:13

Instrument :

BNA_M

ClientSampleId :

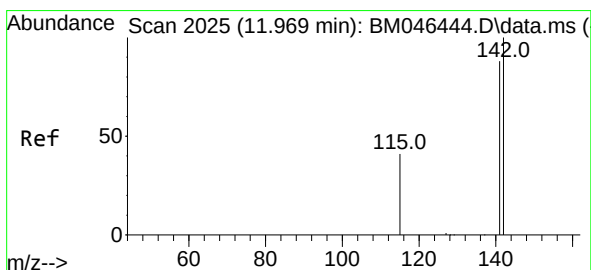
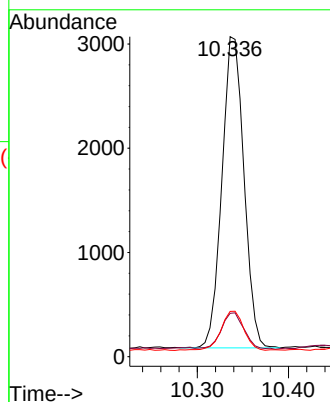
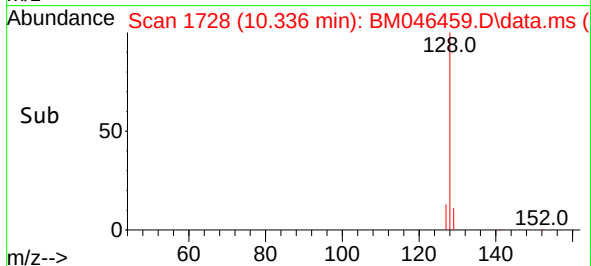
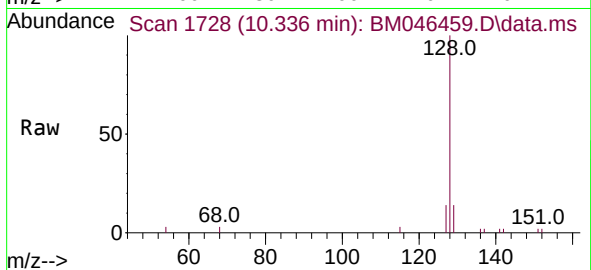
A4CS9DL

Tgt Ion:	128	Resp:	501
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.4	14.0
127	14.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7

2-Methylnaphthalene

Concen: 0.076 ng/ul

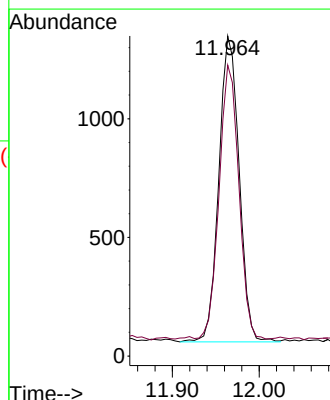
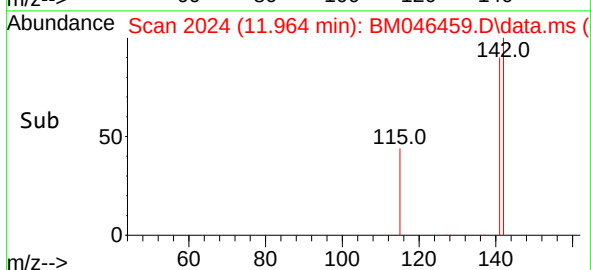
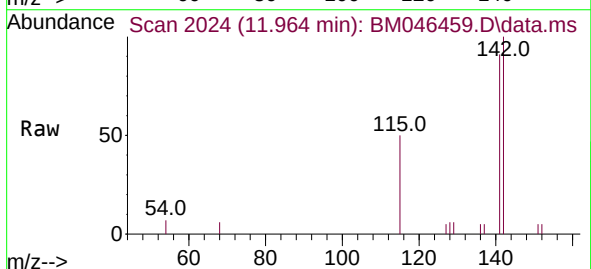
RT: 11.964 min Scan# 2024

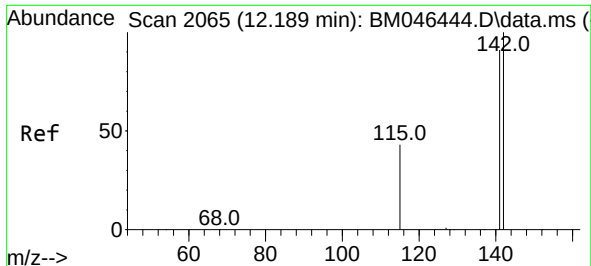
Delta R.T. -0.016 min

Lab File: BM046459.D

Acq: 09 Jul 2024 05:13

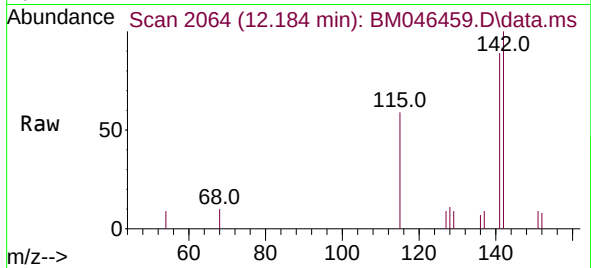
Tgt Ion:	142	Resp:	2094
Ion Ratio	Lower	Upper	
142	100		
141	87.2	69.8	104.6





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.184 min Scan# 2064
Delta R.T. -0.016 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

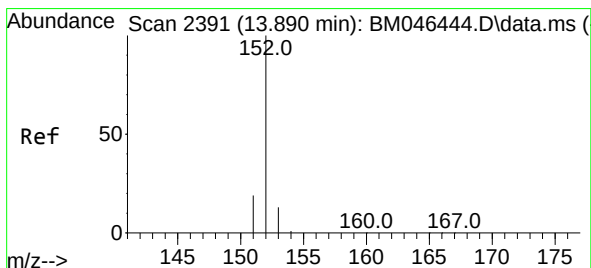
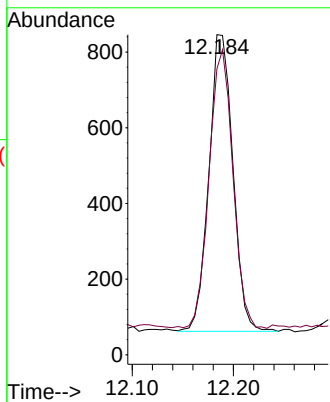
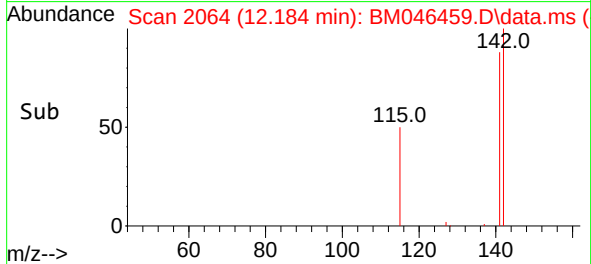
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



Tgt Ion:142 Resp: 1292
Ion Ratio Lower Upper
142 100
141 92.9 72.4 108.6

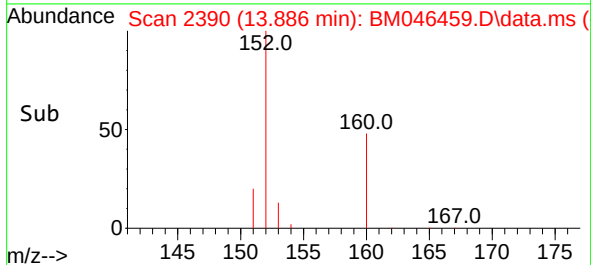
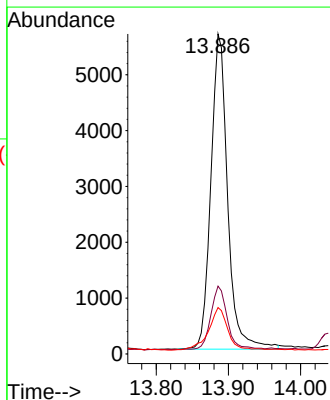
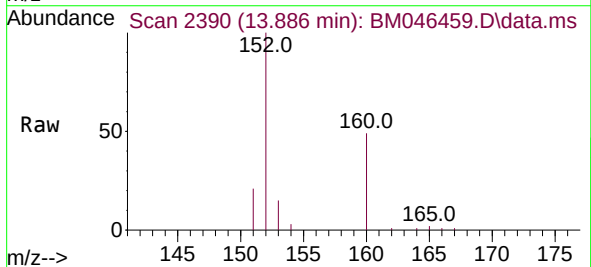
Manual Integrations
APPROVED

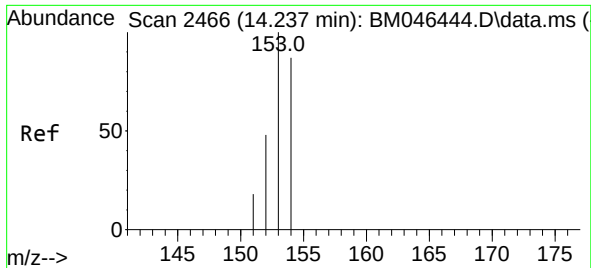
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 13.886 min Scan# 2390
Delta R.T. -0.014 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

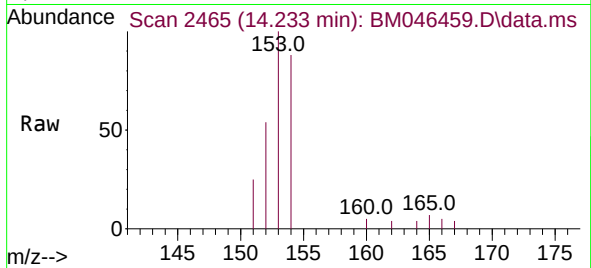
Tgt Ion:152 Resp: 9069
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 14.5 11.0 16.6





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.233 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

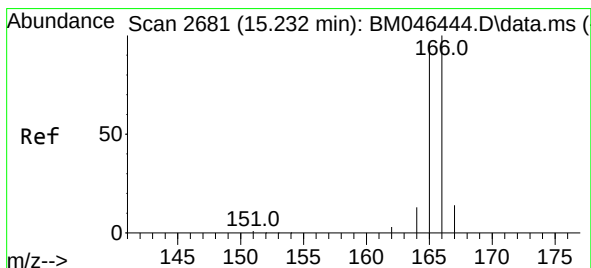
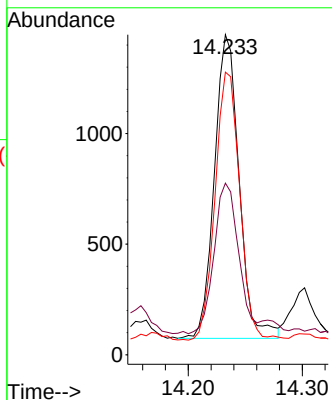
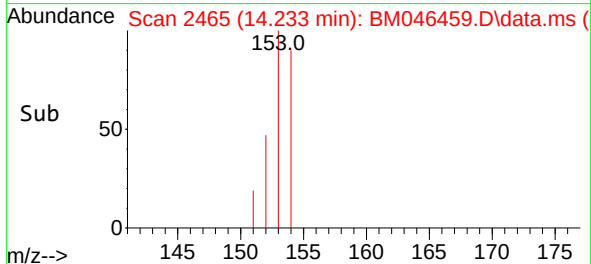
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



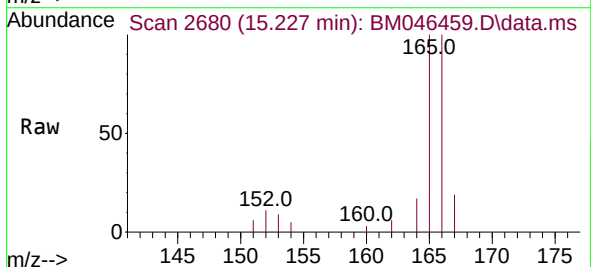
Tgt Ion:153 Resp: 2064
Ion Ratio Lower Upper
153 100
152 53.6 40.4 60.6
154 88.3 72.1 108.1

Manual Integrations
APPROVED

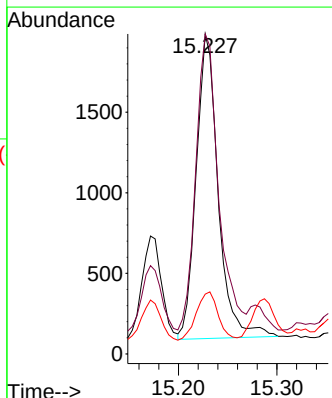
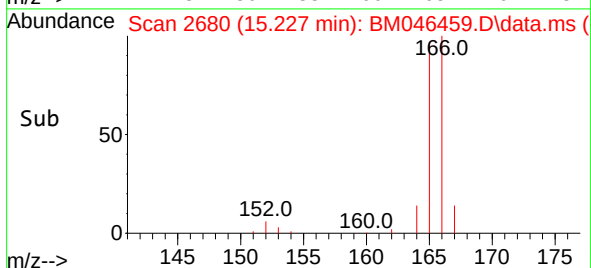
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

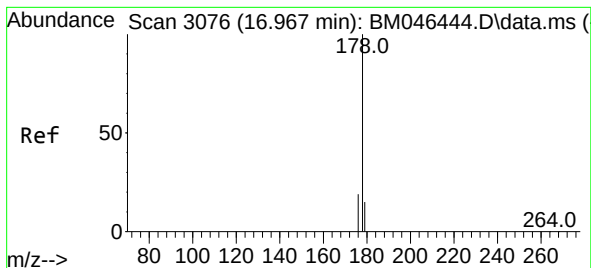


#12
Fluorene
Concen: 0.077 ng/u1
RT: 15.227 min Scan# 2680
Delta R.T. -0.014 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13



Tgt Ion:166 Resp: 2924
Ion Ratio Lower Upper
166 100
165 100.1 78.0 117.0
167 18.7 11.4 17.0#





#15

Phenanthrene

Concen: 1.166 ng/ul

RT: 16.963 min Scan# 3076

Delta R.T. -0.012 min

Lab File: BM046459.D

Acq: 09 Jul 2024 05:13

Instrument :

BNA_M

ClientSampleId :

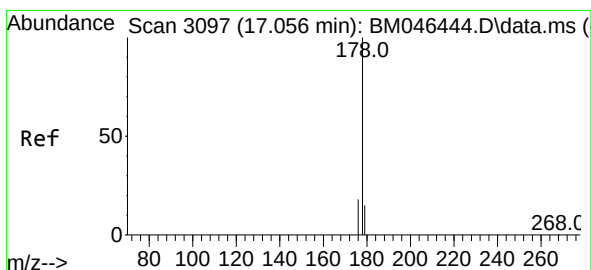
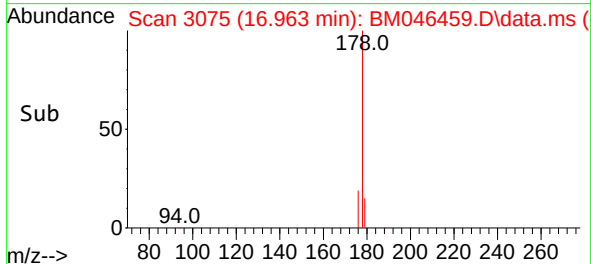
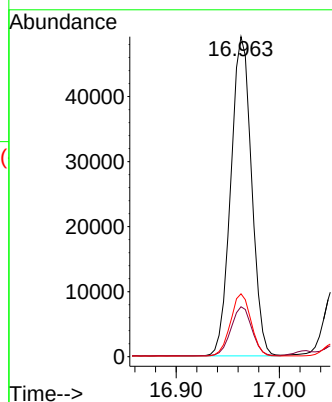
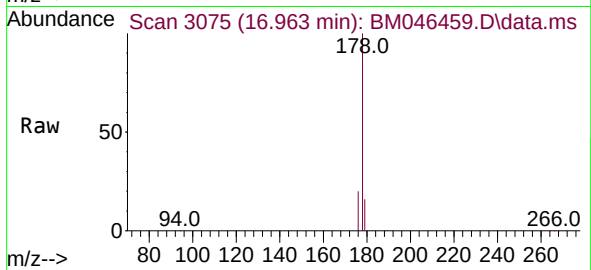
A4CS9DL

Tgt Ion:178	Resp:	6846
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.7 19.1
176	19.6	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16

Anthracene

Concen: 0.277 ng/ul

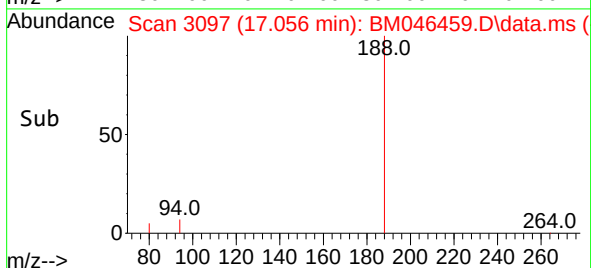
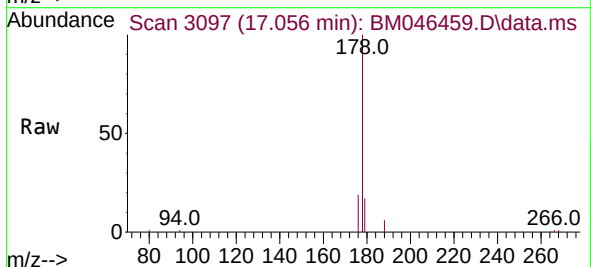
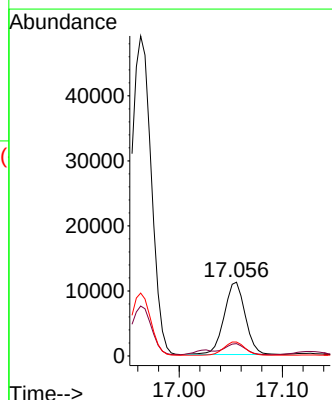
RT: 17.056 min Scan# 3097

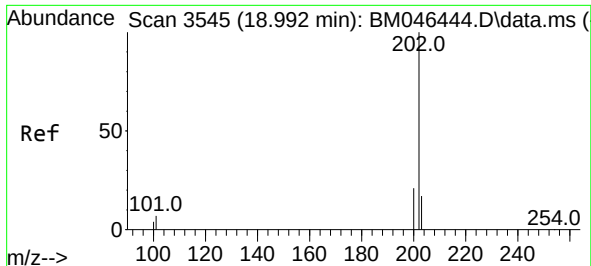
Delta R.T. -0.012 min

Lab File: BM046459.D

Acq: 09 Jul 2024 05:13

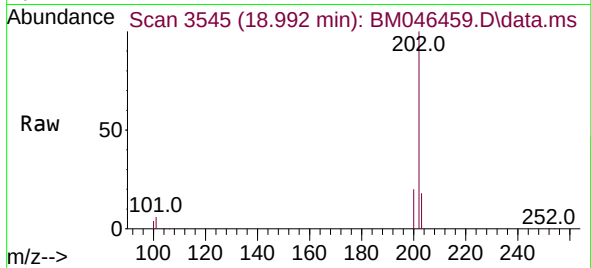
Tgt Ion:178	Resp:	15774
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.6 18.8
176	19.0	14.9 22.3





#19
Fluoranthene
Concen: 1.905 ng/u1
RT: 18.992 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

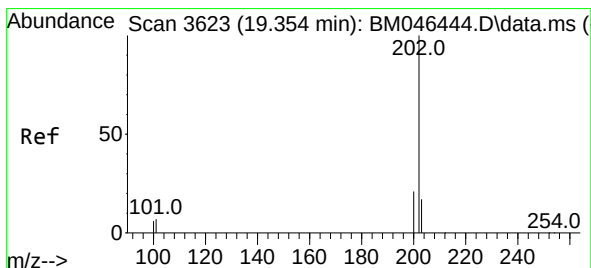
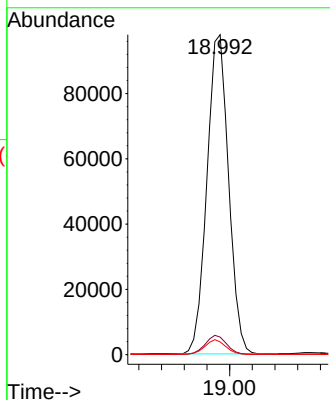
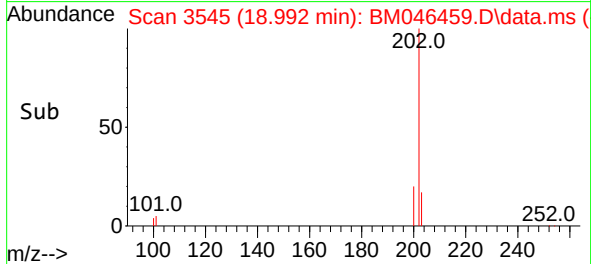
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



Tgt Ion:202 Resp: 129258
Ion Ratio Lower Upper
202 100
101 5.5 6.3 9.5#
100 4.0 5.0 7.6#

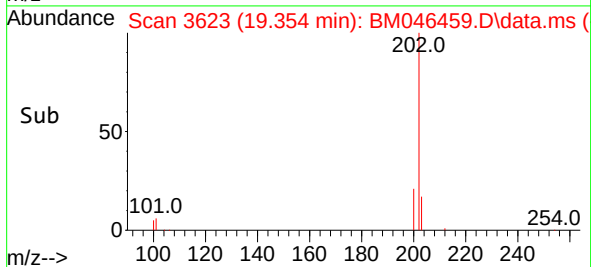
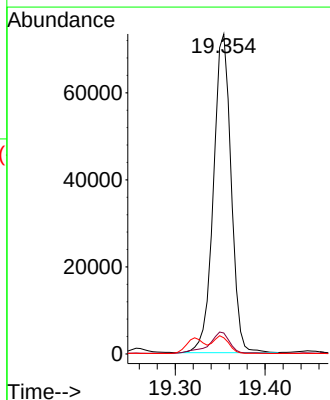
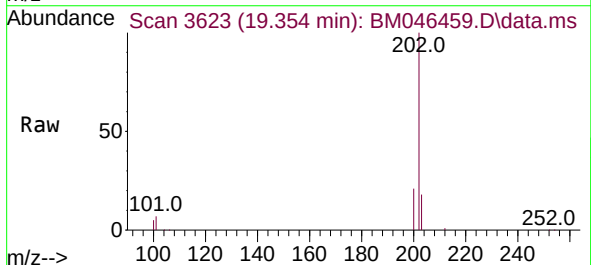
Manual Integrations
APPROVED

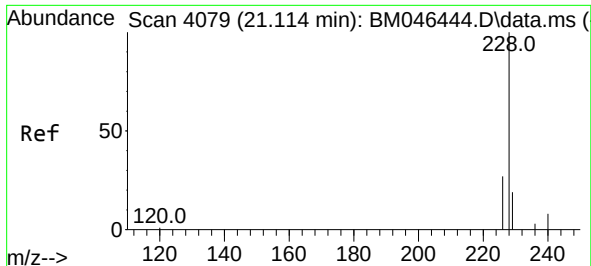
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 1.426 ng/u1
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

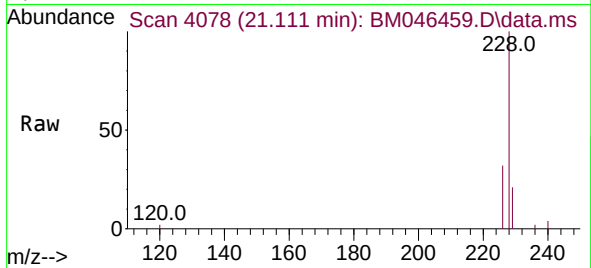
Tgt Ion:202 Resp: 99550
Ion Ratio Lower Upper
202 100
101 6.5 8.2 12.4#
100 5.0 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 1.018 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.014 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

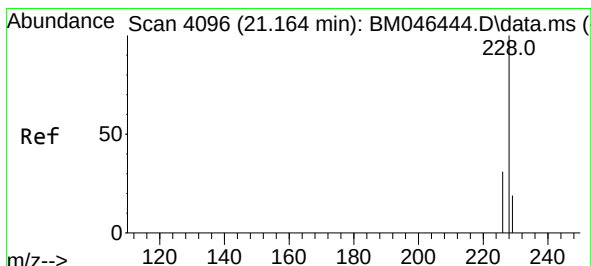
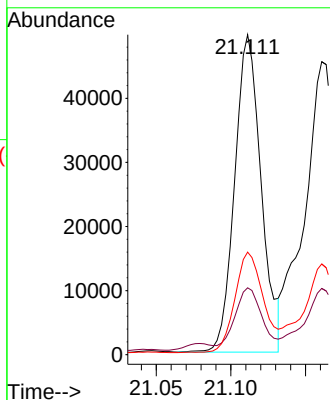
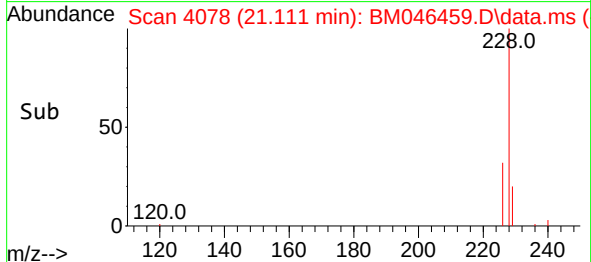
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



Tgt Ion:228 Resp: 61075
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 32.1 22.0 33.0

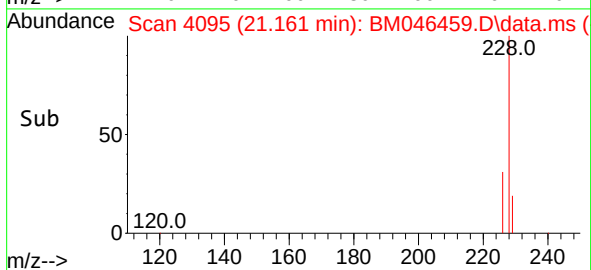
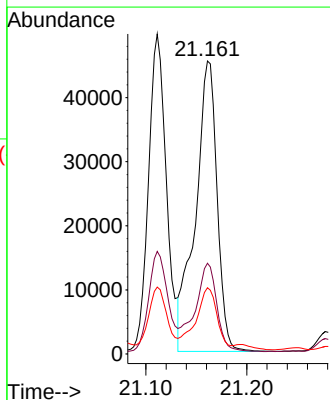
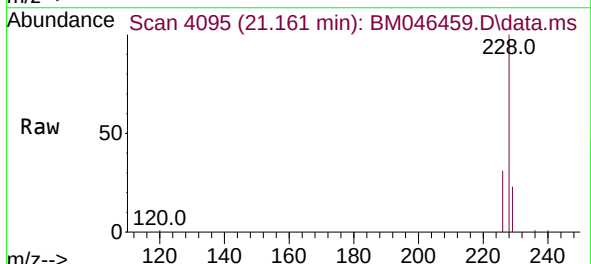
Manual Integrations
APPROVED

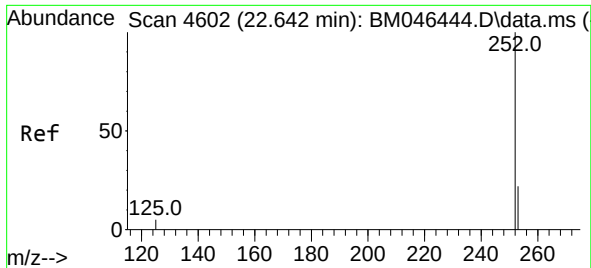
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#22
Chrysene
Concen: 1.134 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

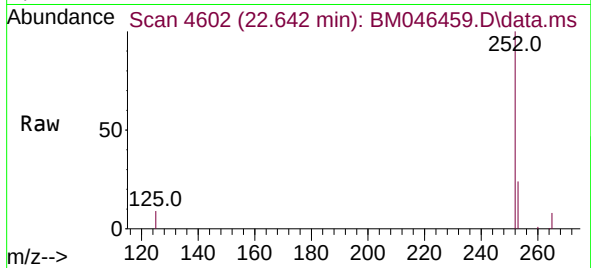
Tgt Ion:228 Resp: 67637
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.484 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.020 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

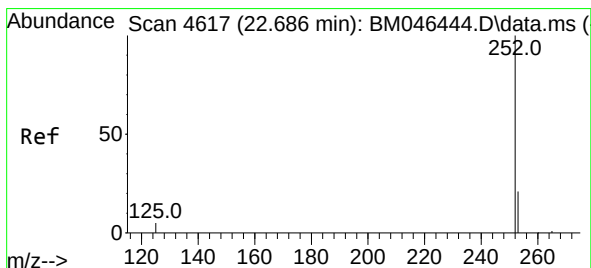
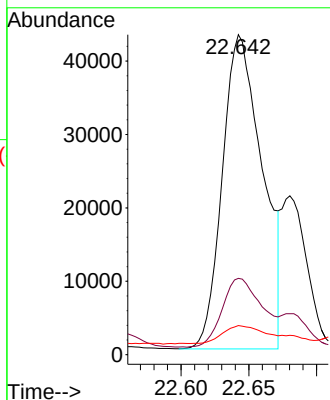
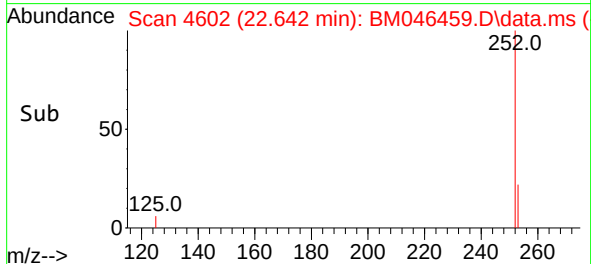
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



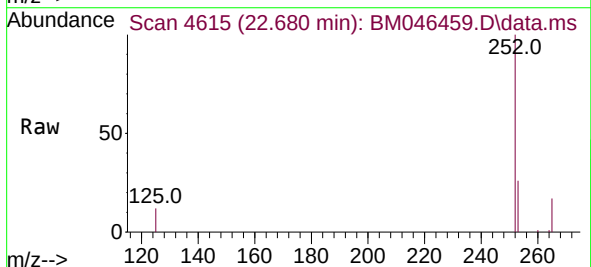
Tgt Ion:252 Resp: 8802
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.0
125 9.1 0.0 18.4

Manual Integrations
APPROVED

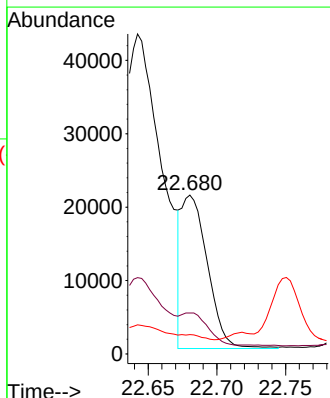
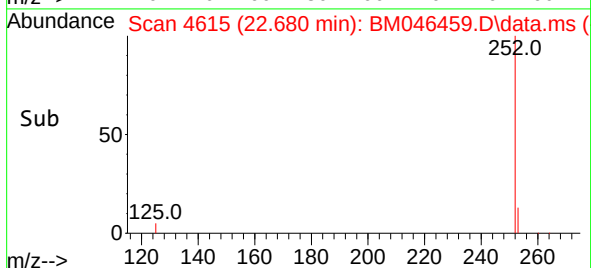
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

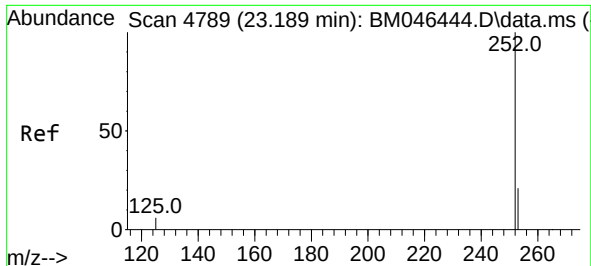


#25
Benzo(k)fluoranthene
Concen: 0.461 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.026 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13



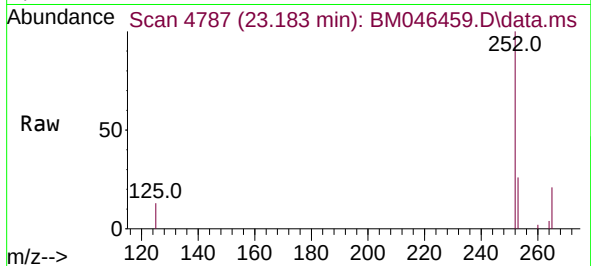
Tgt Ion:252 Resp: 27599
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 12.2 7.5 11.3#





#26
Benzo(a)pyrene
Concen: 0.624 ng/ul
RT: 23.183 min Scan# 4787
Delta R.T. -0.026 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

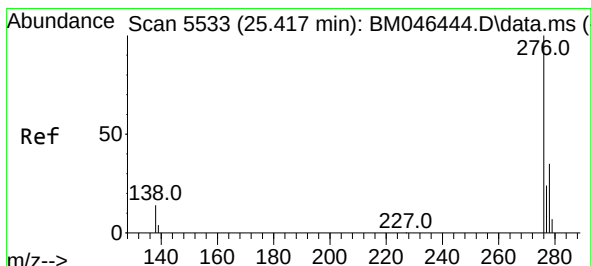
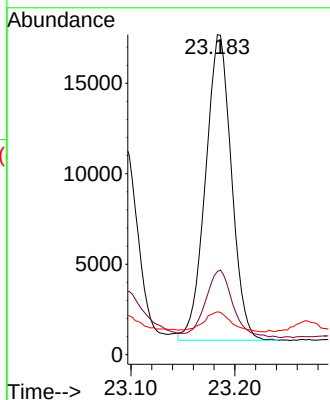
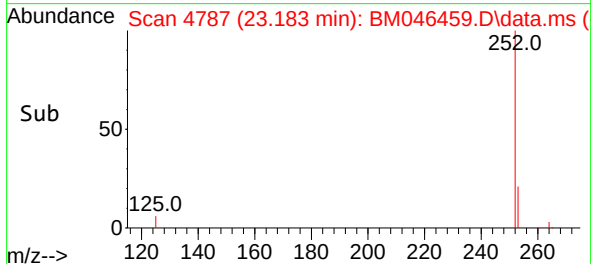
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



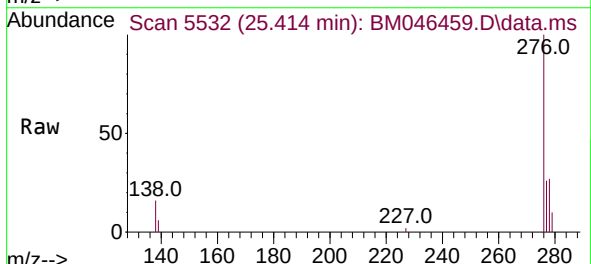
Tgt Ion:252 Resp: 29274
Ion Ratio Lower Upper
252 100
253 26.0 18.9 28.3
125 13.4 8.1 12.1

Manual Integrations
APPROVED

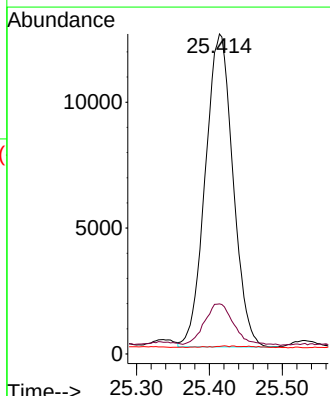
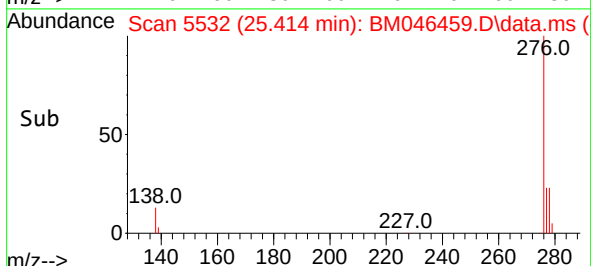
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

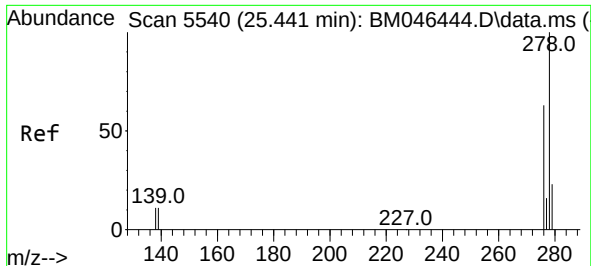


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.518 ng/ul
RT: 25.414 min Scan# 5532
Delta R.T. -0.033 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13



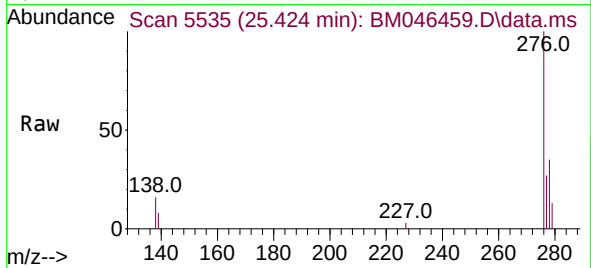
Tgt Ion:276 Resp: 32801
Ion Ratio Lower Upper
276 100
138 14.2 15.7 23.5#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.229 ng/ul
RT: 25.424 min Scan# 51
Delta R.T. -0.050 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13

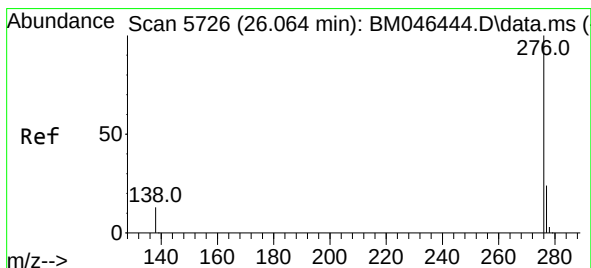
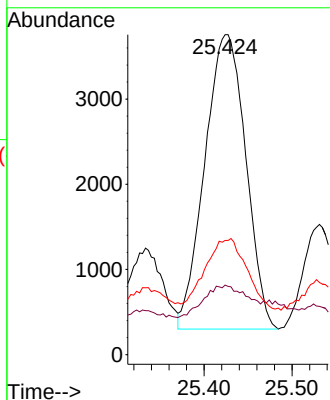
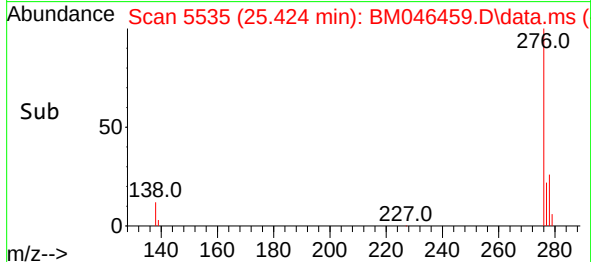
Instrument :
BNA_M
ClientSampleId :
A4CS9DL



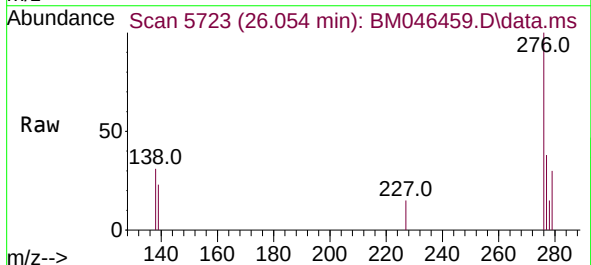
Tgt Ion:278 Resp: 11210
Ion Ratio Lower Upper
278 100
139 21.8 12.6 18.8
279 35.7 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 26.054 min Scan# 5723
Delta R.T. -0.037 min
Lab File: BM046459.D
Acq: 09 Jul 2024 05:13



Tgt Ion:276 Resp: 4853
Ion Ratio Lower Upper
276 100
138 31.2 15.4 23.0#
277 37.7 19.7 29.5#

