

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046454.D
 Acq On : 09 Jul 2024 02:11
 Operator : MA/JU
 Sample : P2982-23DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 03:47:17 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	6873	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	19215	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	12340	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.925	188	24146	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.126	240	14575	0.400	ng/ul	-0.02
23) Perylene-d12	23.274	264	14134	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3648	0.514	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1447	0.051	ng/ul	-0.01
18) Fluoranthene-d10	18.959	212	2646	0.052	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.341	128	1241	0.024	ng/ul#	83
10) Acenaphthylene	13.885	152	4011	0.064	ng/ul	93
11) Acenaphthene	14.232	153	2368	0.058	ng/ul	99
12) Fluorene	15.227	166	4594	0.095	ng/ul	98
15) Phenanthrene	16.963	178	77170	1.067	ng/ul	99
16) Anthracene	17.055	178	13661	0.195	ng/ul	99
19) Fluoranthene	18.991	202	114084	1.549	ng/ul#	94
20) Pyrene	19.354	202	96320	1.271	ng/ul#	91
21) Benzo(a)anthracene	21.111	228	43432	0.667	ng/ul	97
22) Chrysene	21.161	228	40840	0.631	ng/ul	98
24) Benzo(b)fluoranthene	22.639	252	51951m	0.865	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	17000m	0.280	ng/ul	
26) Benzo(a)pyrene	23.180	252	34526	0.727	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.407	276	25017	0.390	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.420	278	5751	0.116	ng/ul#	74
29) Benzo(g,h,i)perylene	26.058	276	24414	0.477	ng/ul#	94

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

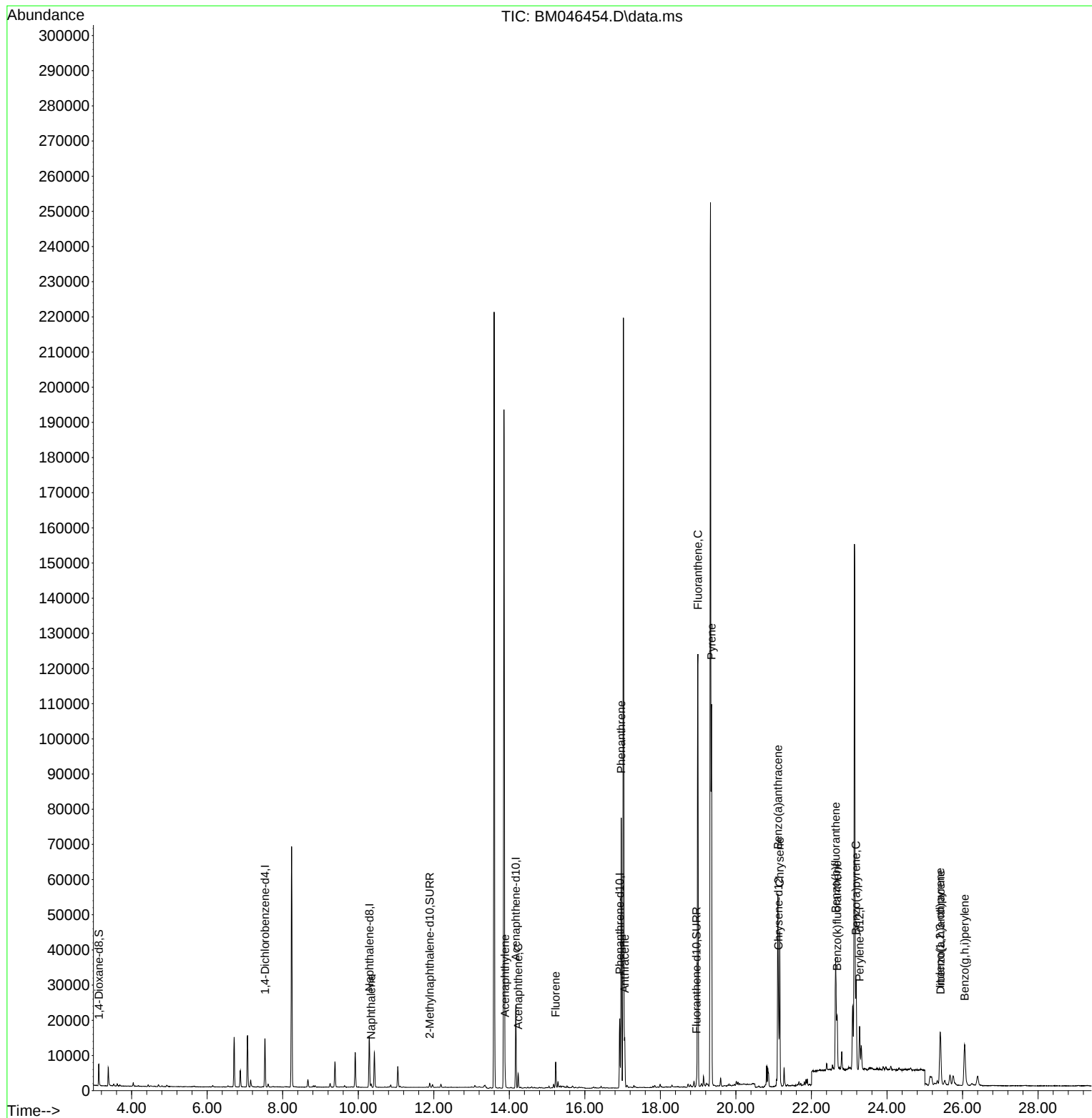
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046454.D
Acq On : 09 Jul 2024 02:11
Operator : MA/JU
Sample : P2982-23DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

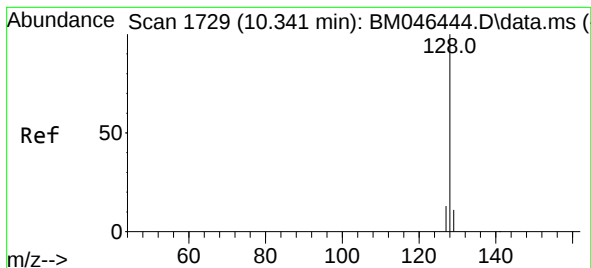
Instrument :
BNA_M
ClientSampleId :
A4BC7DL

Manual Integrations
APPROVED

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

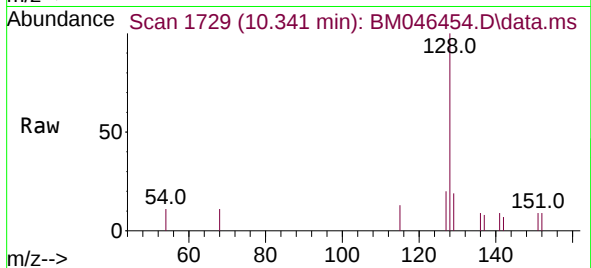
Quant Time: Jul 09 03:47:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

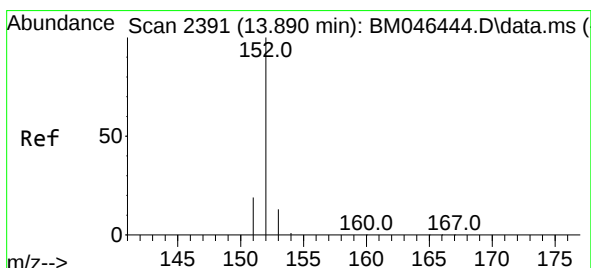
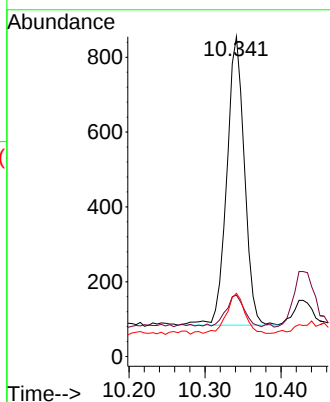
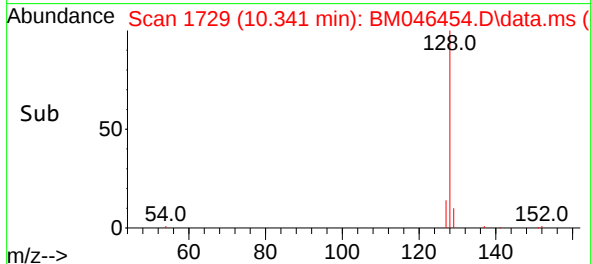
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



Tgt Ion:128 Resp: 124
Ion Ratio Lower Upper
128 100
129 19.2 9.4 14.0
127 19.8 10.8 16.2

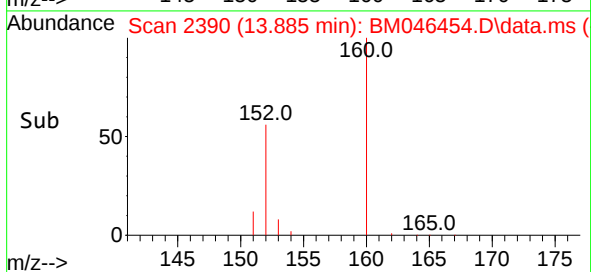
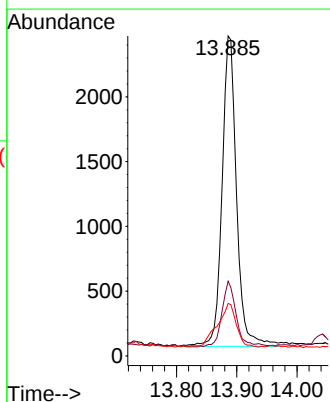
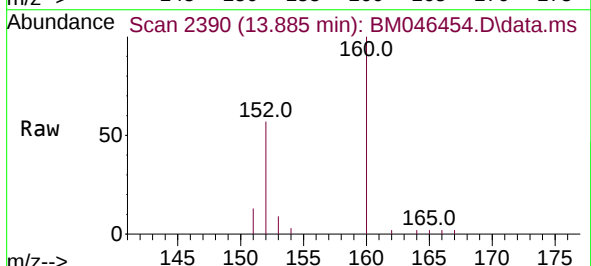
Manual Integrations
APPROVED

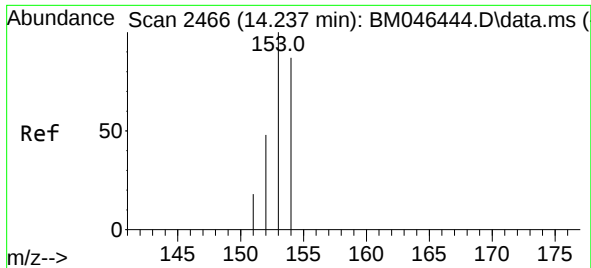
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.885 min Scan# 2390
Delta R.T. -0.014 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

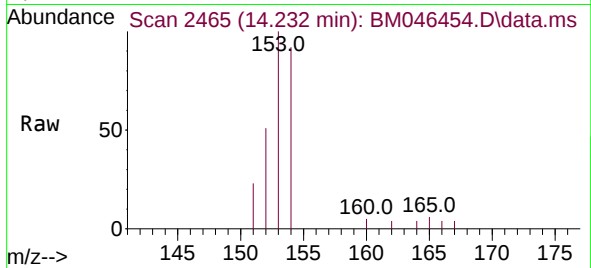
Tgt Ion:152 Resp: 4011
Ion Ratio Lower Upper
152 100
151 23.4 15.9 23.9
153 16.4 11.0 16.6





#11
Acenaphthene
Concen: 0.058 ng/u1
RT: 14.232 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

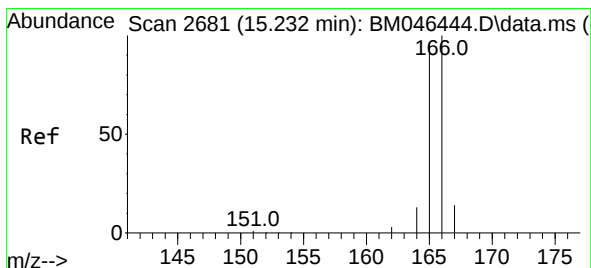
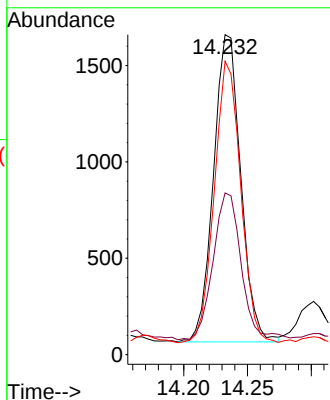
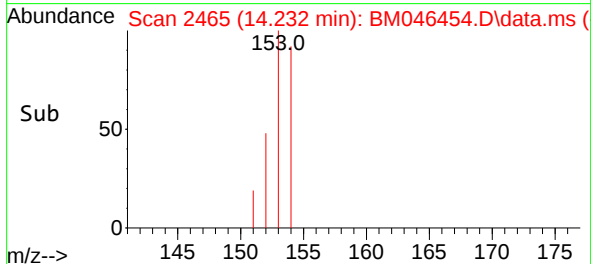
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



Tgt Ion:153 Resp: 2368
Ion Ratio Lower Upper
153 100
152 50.5 40.4 60.6
154 91.7 72.1 108.1

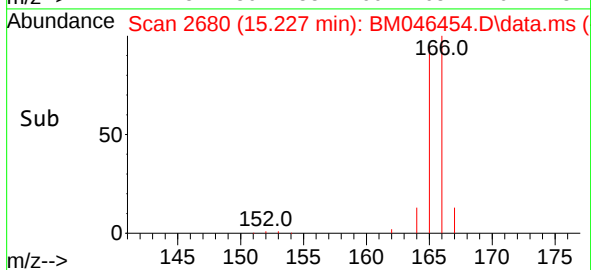
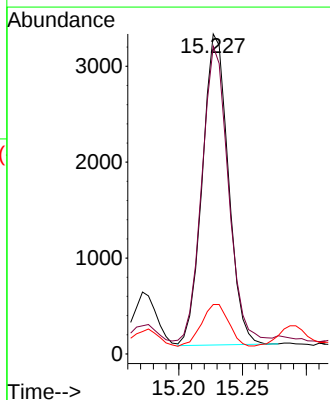
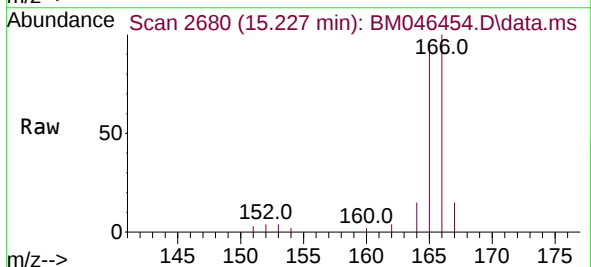
Manual Integrations
APPROVED

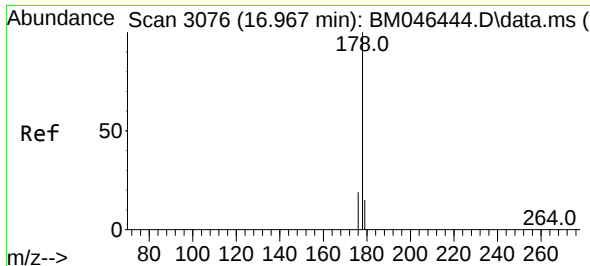
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.095 ng/u1
RT: 15.227 min Scan# 2680
Delta R.T. -0.014 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

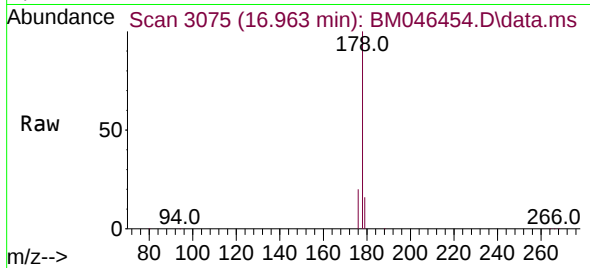
Tgt Ion:166 Resp: 4594
Ion Ratio Lower Upper
166 100
165 96.1 78.0 117.0
167 15.5 11.4 17.0





#15
Phenanthrene
Concen: 1.067 ng/u1
RT: 16.963 min Scan# 3075
Delta R.T. -0.013 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

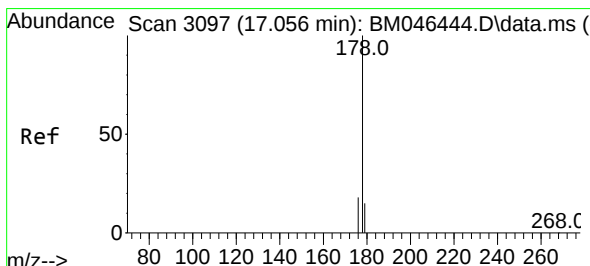
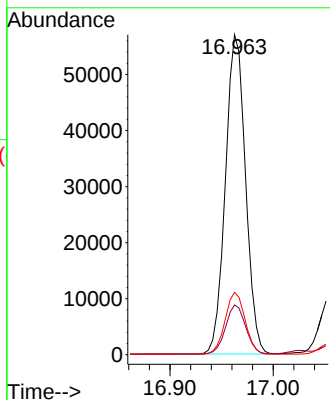
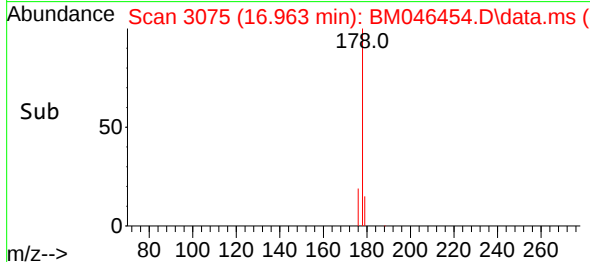
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



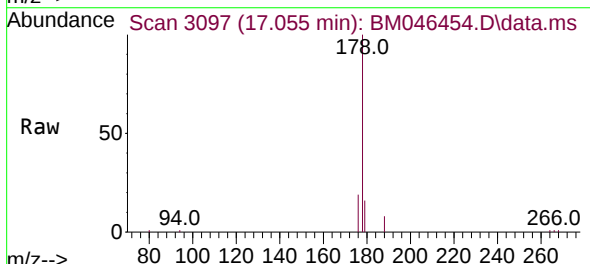
Tgt Ion:178 Resp: 77170
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.5 16.0 24.0

Manual Integrations
APPROVED

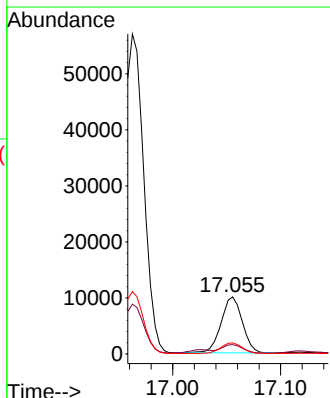
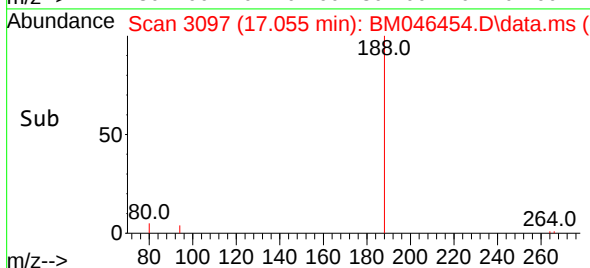
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

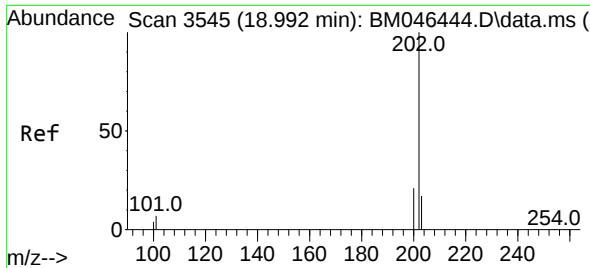


#16
Anthracene
Concen: 0.195 ng/u1
RT: 17.055 min Scan# 3097
Delta R.T. -0.013 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11



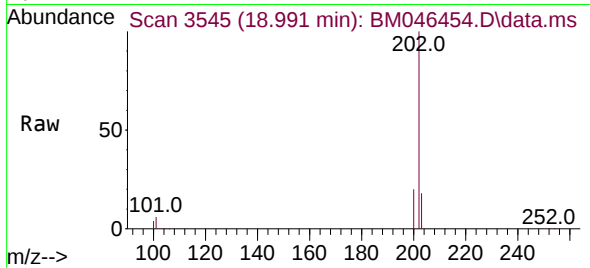
Tgt Ion:178 Resp: 13661
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 14.9 22.3





#19
Fluoranthene
Concen: 1.549 ng/ul
RT: 18.991 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

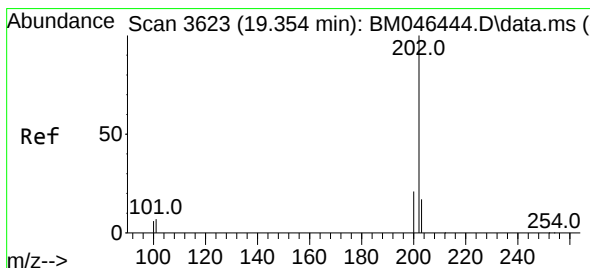
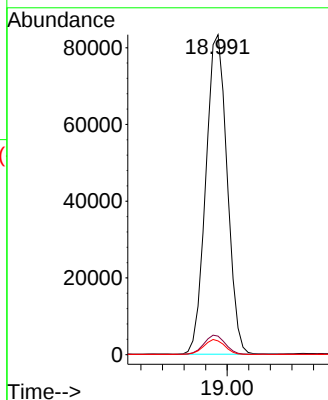
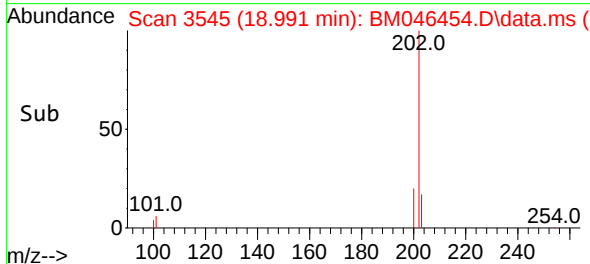
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



Tgt Ion:202 Resp: 114084
Ion Ratio Lower Upper
202 100
101 5.8 6.3 9.5#
100 4.3 5.0 7.6#

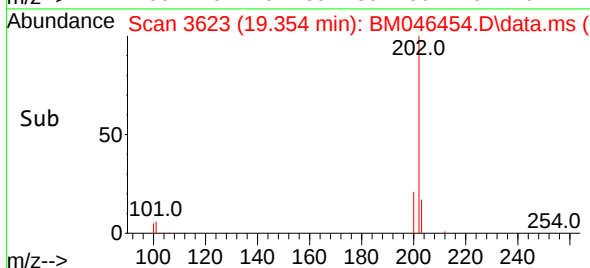
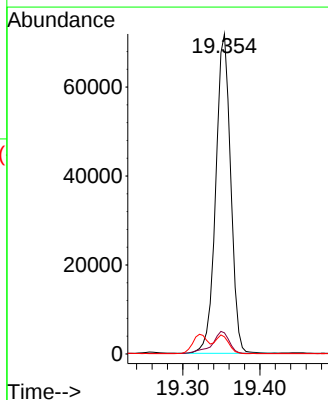
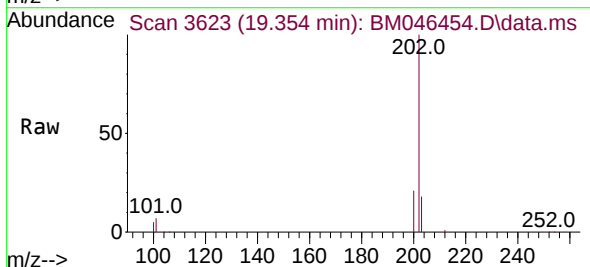
Manual Integrations
APPROVED

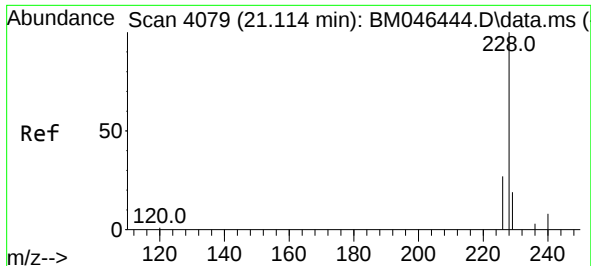
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 1.271 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

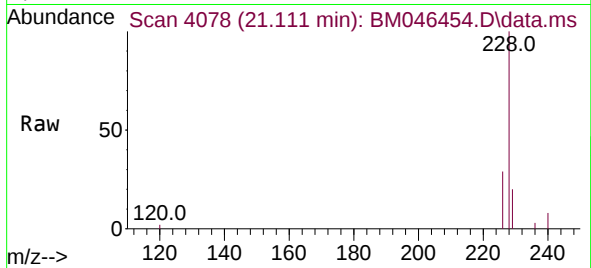
Tgt Ion:202 Resp: 96320
Ion Ratio Lower Upper
202 100
101 6.6 8.2 12.4#
100 5.4 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.667 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.015 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

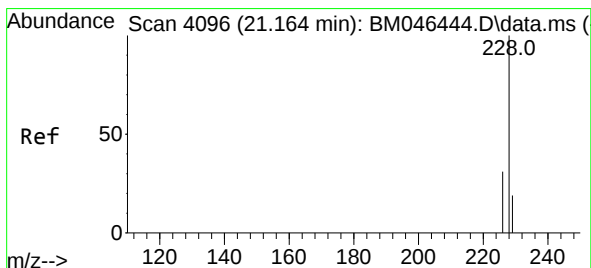
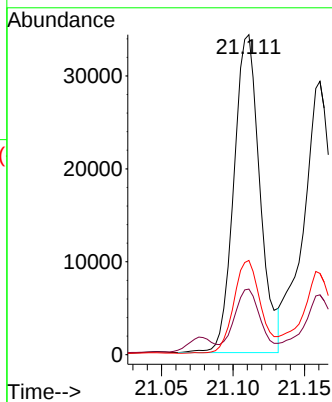
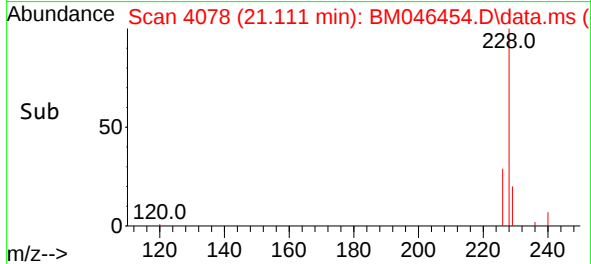
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



Tgt Ion:228 Resp: 4343
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.5 22.0 33.0

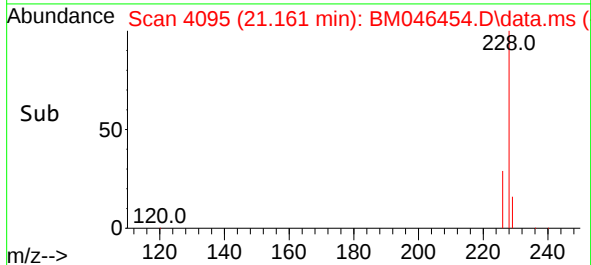
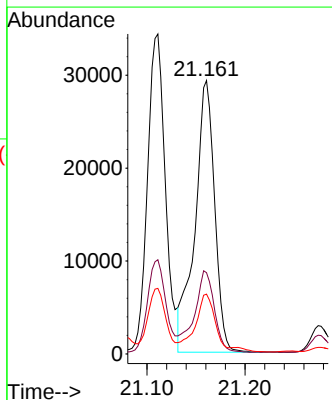
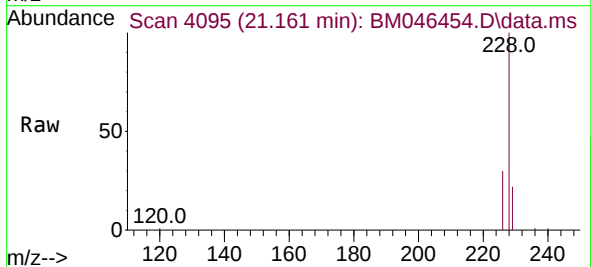
Manual Integrations
APPROVED

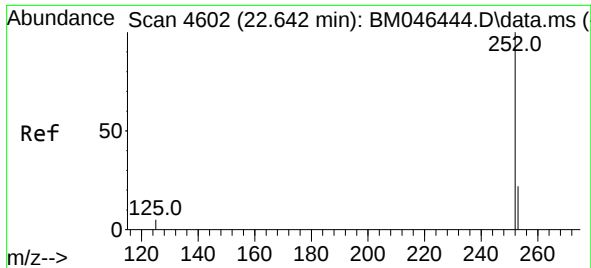
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#22
Chrysene
Concen: 0.631 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

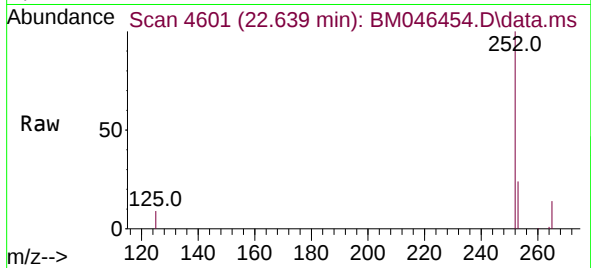
Tgt Ion:228 Resp: 40840
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.865 ng/ul m
RT: 22.639 min Scan# 4601
Delta R.T. -0.023 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

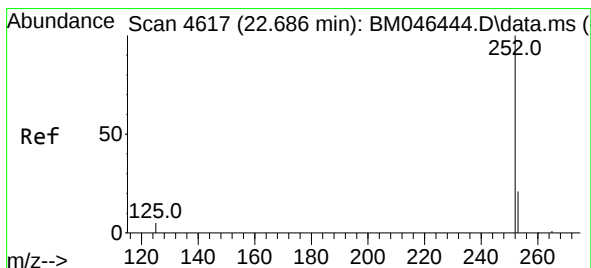
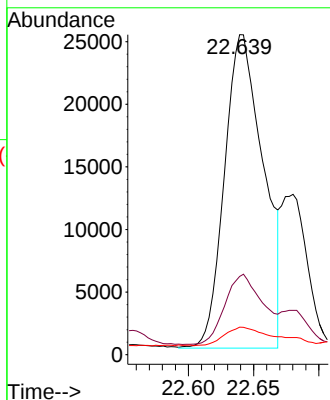
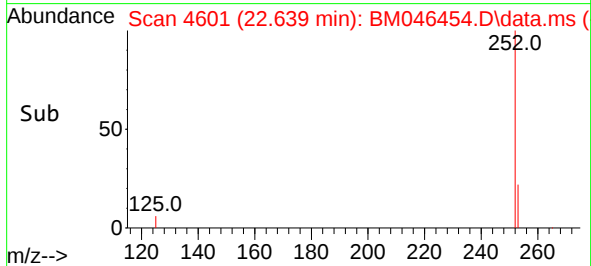
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



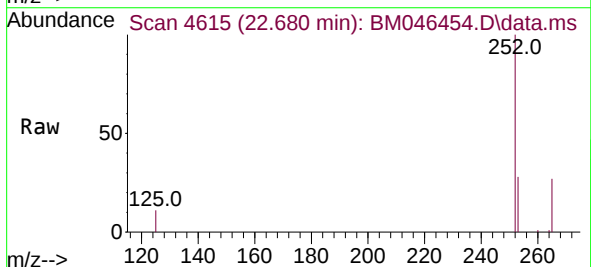
Tgt Ion:252 Resp: 5195
Ion Ratio Lower Upper
252 100
253 24.5 0.0 47.0
125 8.6 0.0 18.4

Manual Integrations
APPROVED

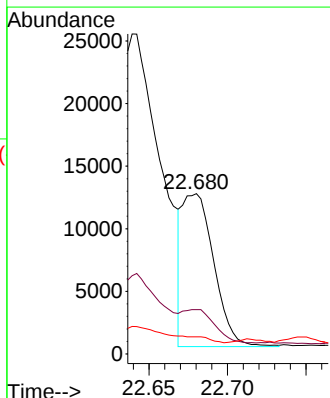
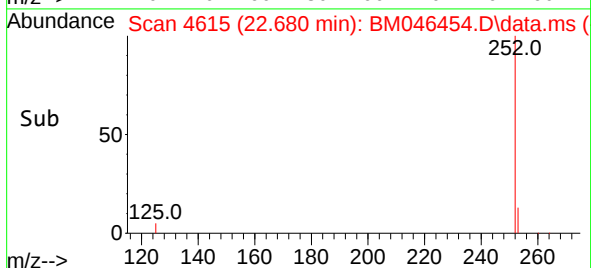
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

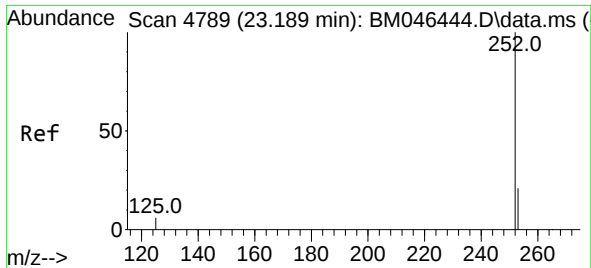


#25
Benzo(k)fluoranthene
Concen: 0.280 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.026 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11



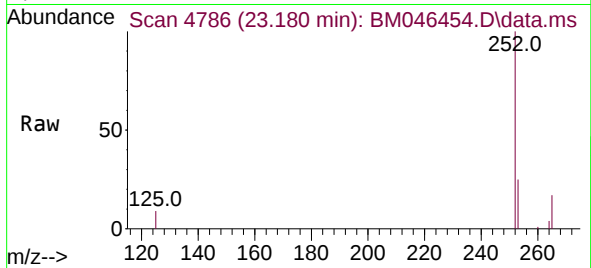
Tgt Ion:252 Resp: 17000
Ion Ratio Lower Upper
252 100
253 27.6 18.4 27.6#
125 10.7 7.5 11.3





#26
Benzo(a)pyrene
Concen: 0.727 ng/ul
RT: 23.180 min Scan# 4786
Delta R.T. -0.029 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

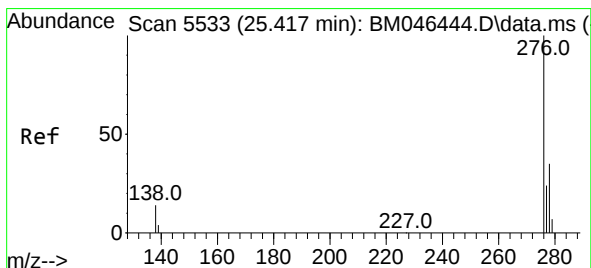
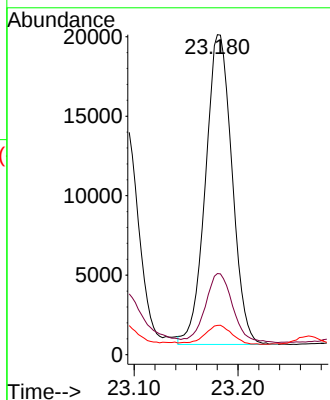
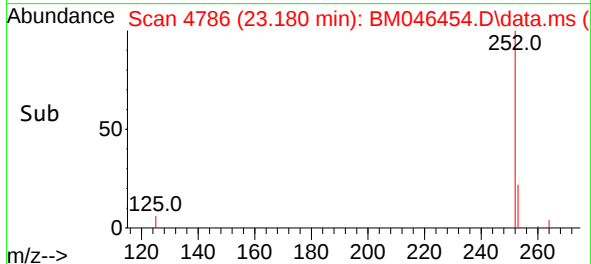
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



Tgt Ion:252 Resp: 34520
Ion Ratio Lower Upper
252 100
253 25.3 18.9 28.3
125 9.1 8.1 12.1

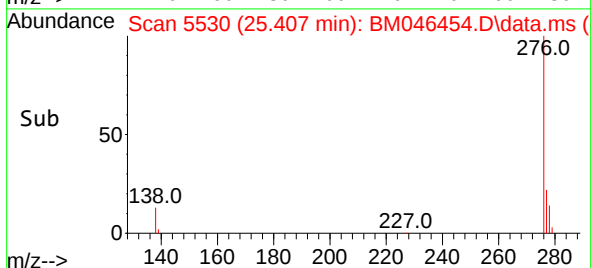
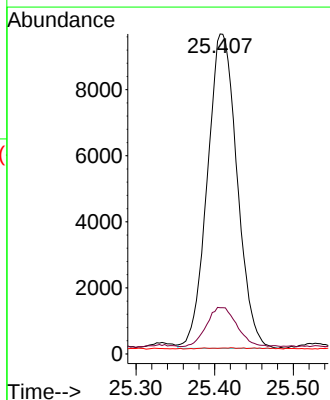
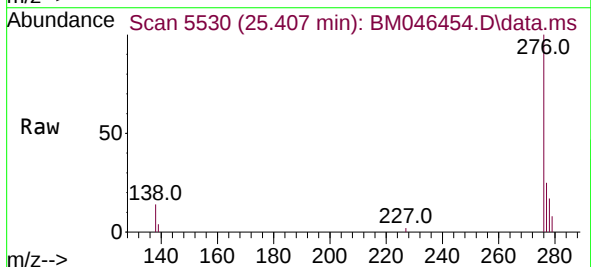
Manual Integrations
APPROVED

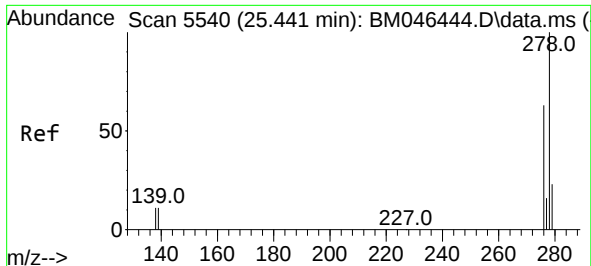
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.407 min Scan# 5530
Delta R.T. -0.040 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

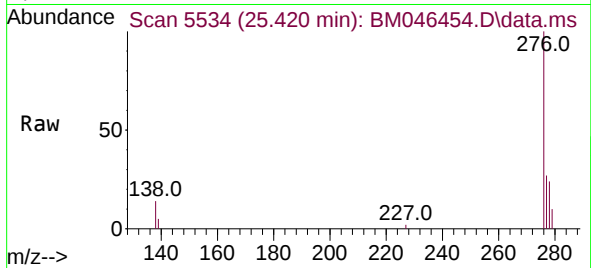
Tgt Ion:276 Resp: 25017
Ion Ratio Lower Upper
276 100
138 12.7 15.7 23.5#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.420 min Scan# 51
Delta R.T. -0.054 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

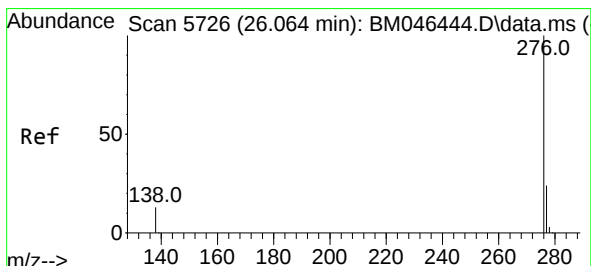
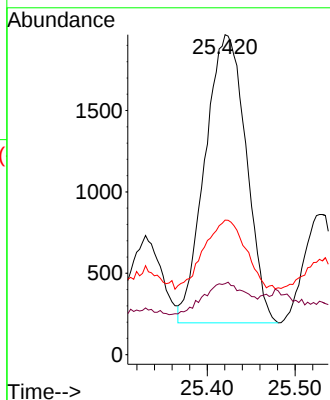
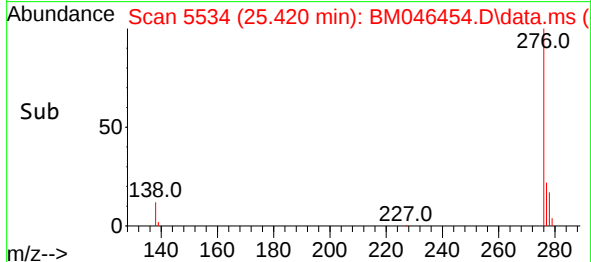
Instrument :
BNA_M
ClientSampleId :
A4BC7DL



Tgt Ion:278 Resp: 575
Ion Ratio Lower Upper
278 100
139 22.2 12.6 18.8
279 42.1 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: 0.477 ng/ul
RT: 26.058 min Scan# 5724
Delta R.T. -0.033 min
Lab File: BM046454.D
Acq: 09 Jul 2024 02:11

Tgt Ion:276 Resp: 24414
Ion Ratio Lower Upper
276 100
138 14.3 15.4 23.0
277 25.9 19.7 29.5

