

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046234.D
 Acq On : 23 Jun 2024 14:27
 Operator : MA/JU
 Sample : P2776-21
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C74

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:31:09 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2682	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8149	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4415	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188	9185m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.006	240	7561m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	7968m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	15476	4.206	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	3453	0.316	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	6950	0.307	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.222	128	770	0.034	ng/ul#	70
7) 2-Methylnaphthalene	11.871	142	295	0.023	ng/ul	99
10) Acenaphthylene	13.771	152	3185	0.152	ng/ul#	93
11) Acenaphthene	14.113	153	783	0.052	ng/ul	96
12) Fluorene	15.108	166	903	0.056	ng/ul#	96
15) Phenanthrene	16.837	178	20359m	0.789	ng/ul	
16) Anthracene	16.930	178	4473m	0.233	ng/ul	
19) Fluoranthene	18.863	202	52663	1.609	ng/ul	98
20) Pyrene	19.230	202	46812	1.322	ng/ul	95
21) Benzo(a)anthracene	20.991	228	26448	0.906	ng/ul	96
22) Chrysene	21.041	228	24434	0.656	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	38735m	1.349	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	13812m	0.405	ng/ul	
26) Benzo(a)pyrene	23.001	252	25120	0.944	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.142	276	21169	0.486	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.145	278	4685	0.145	ng/ul#	71
29) Benzo(g,h,i)perylene	25.759	276	21386	0.573	ng/ul	98

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

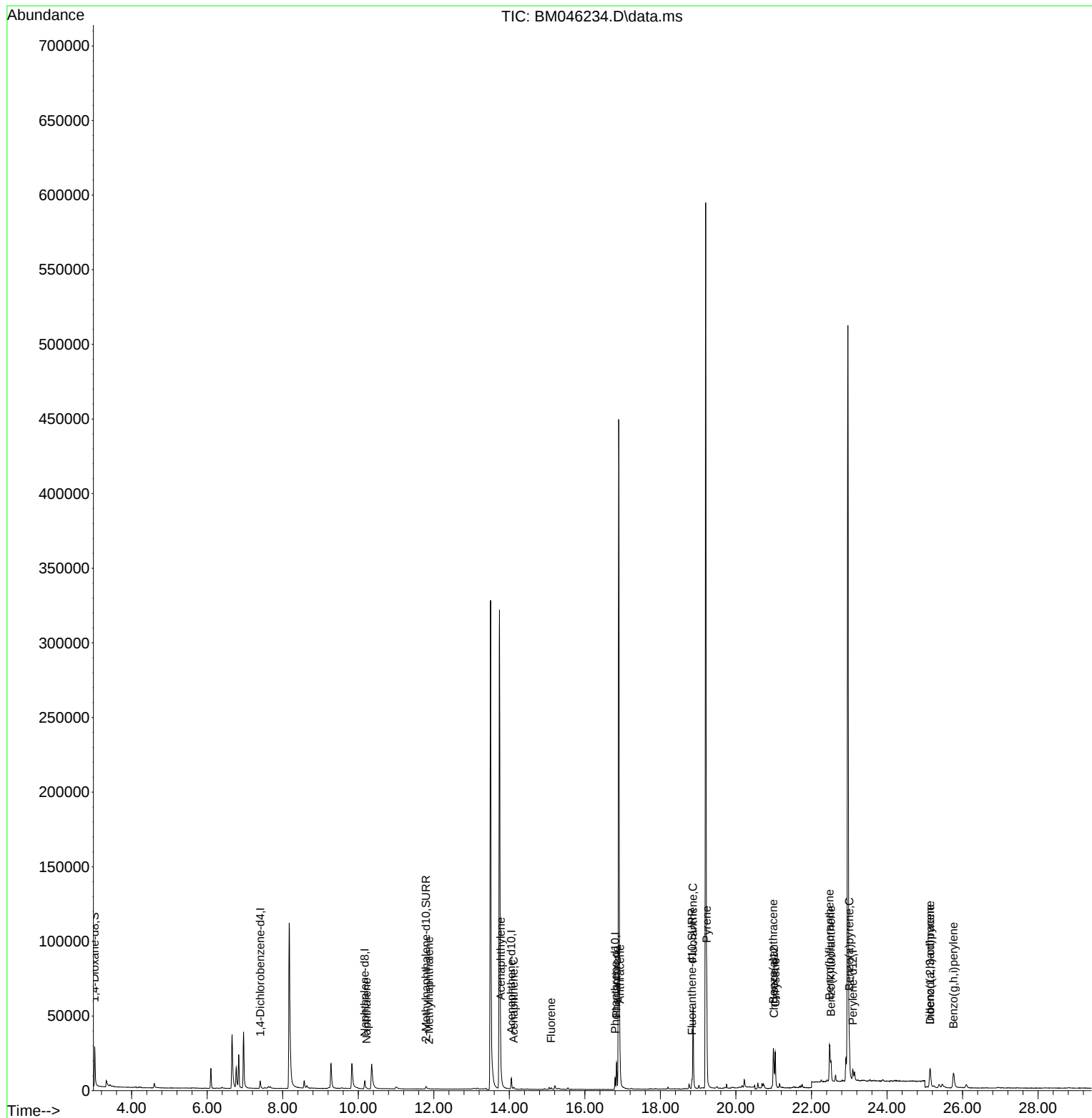
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046234.D
Acq On : 23 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-21
Misc :
ALS Vial : 49 Sample Multiplier: 1

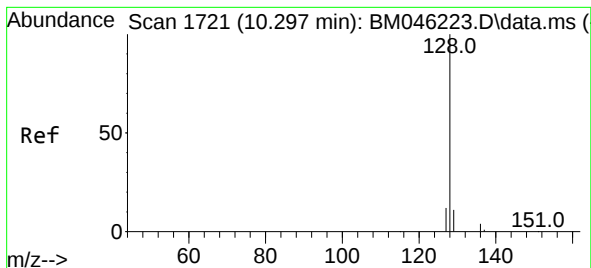
Instrument :
BNA_M
ClientSampleId :
A4C74

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

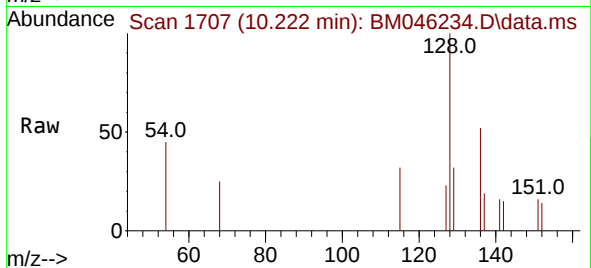
Quant Time: Jun 24 02:31:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.222 min Scan# 1707
Delta R.T. -0.081 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

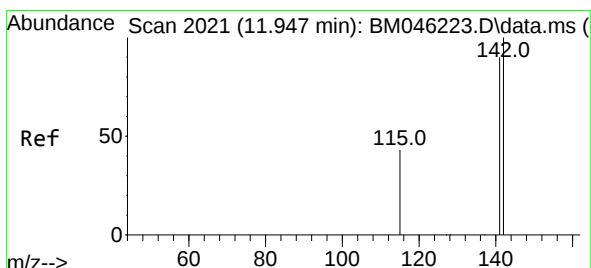
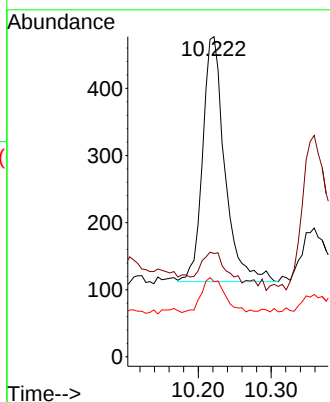
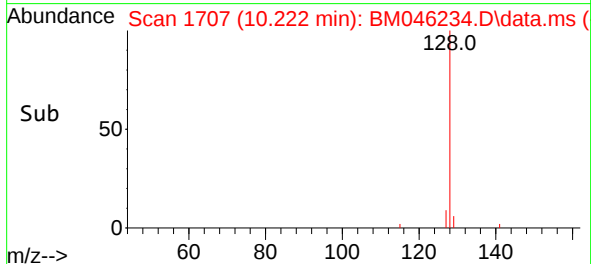
Instrument :
BNA_M
ClientSampleId :
A4C74



Tgt Ion:128 Resp: 770
Ion Ratio Lower Upper
128 100
129 32.3 11.8 17.6
127 23.5 12.8 19.2

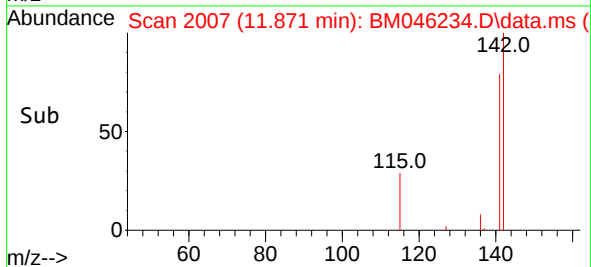
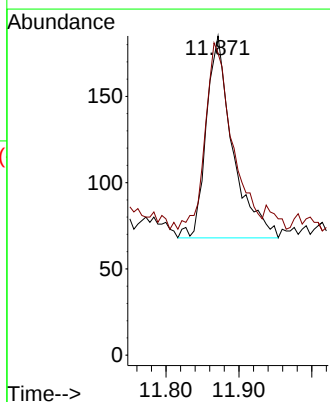
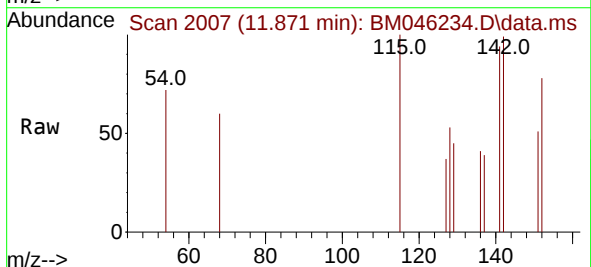
Manual Integrations
APPROVED

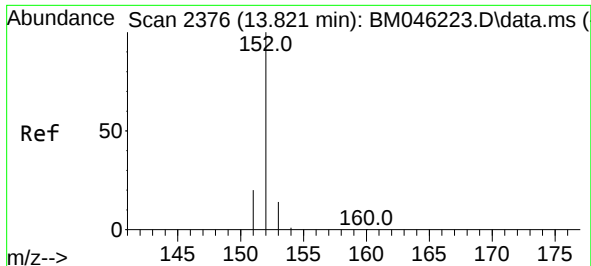
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

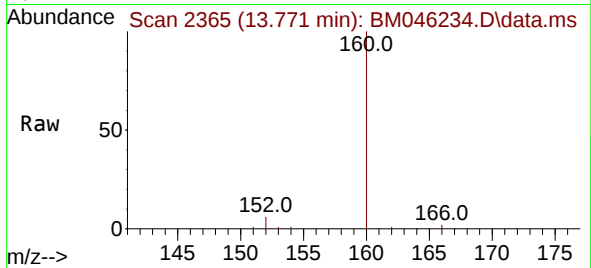
Tgt Ion:142 Resp: 295
Ion Ratio Lower Upper
142 100
141 94.6 74.6 111.8





#10
Acenaphthylene
Concen: 0.152 ng/u1
RT: 13.771 min Scan# 21
Delta R.T. -0.064 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

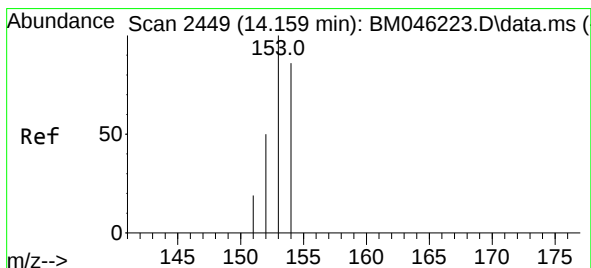
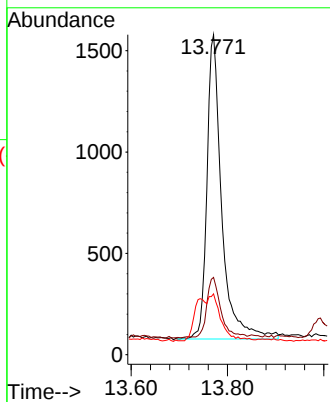
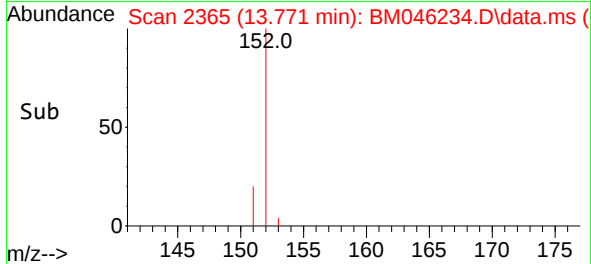
Instrument :
BNA_M
ClientSampleId :
A4C74



Tgt Ion:152 Resp: 318
Ion Ratio Lower Upper
152 100
151 24.2 17.4 26.2
153 19.0 11.8 17.8

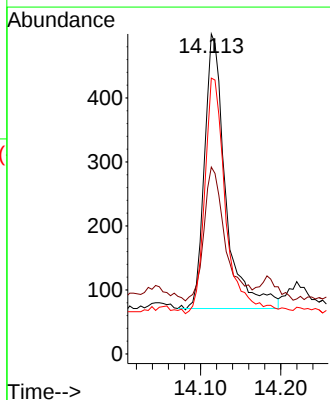
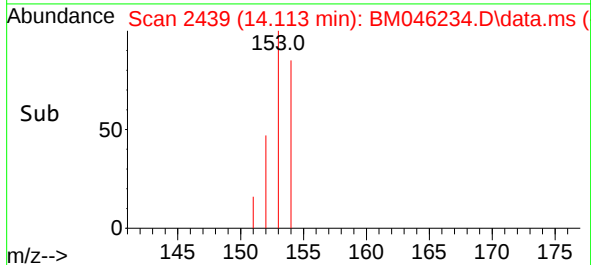
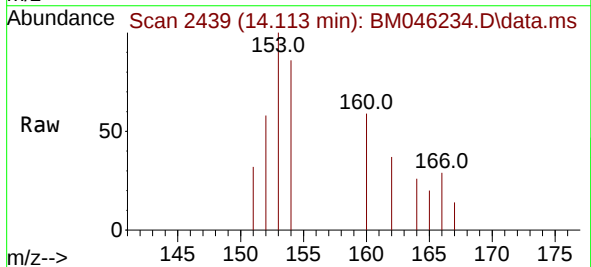
Manual Integrations
APPROVED

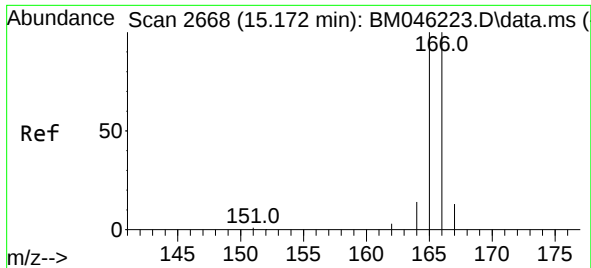
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#11
Acenaphthene
Concen: 0.052 ng/u1
RT: 14.113 min Scan# 2439
Delta R.T. -0.059 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

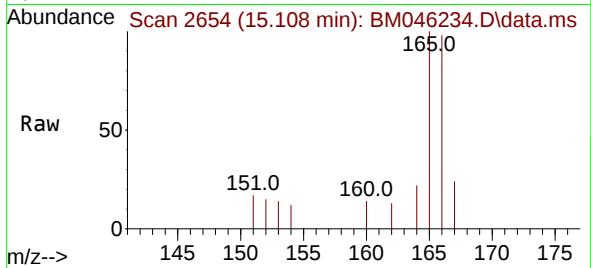
Tgt Ion:153 Resp: 783
Ion Ratio Lower Upper
153 100
152 58.4 41.3 61.9
154 86.2 68.2 102.4





#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.108 min Scan# 20654
Delta R.T. -0.073 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

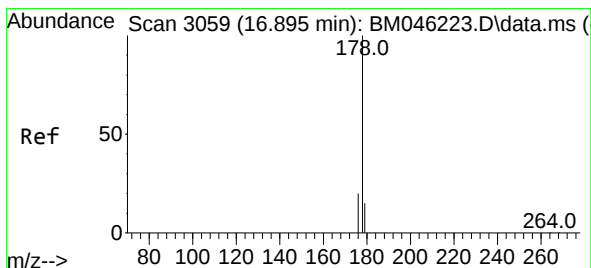
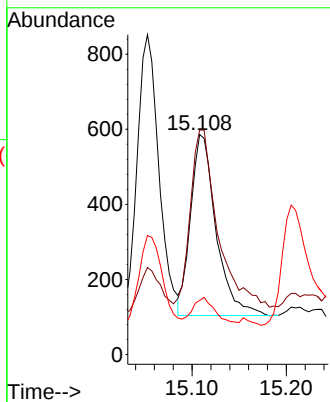
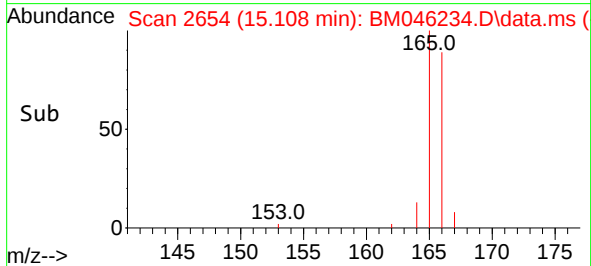
Instrument :
BNA_M
ClientSampleId :
A4C74



Tgt Ion:166 Resp: 90
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
167 24.6 12.4 18.6

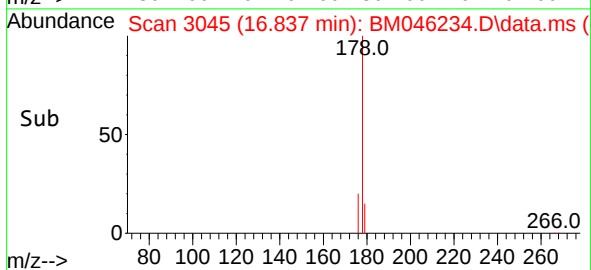
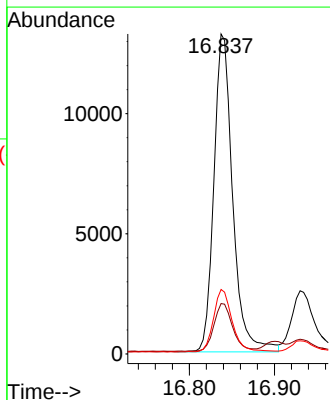
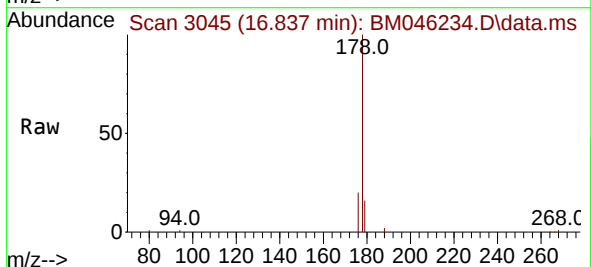
Manual Integrations
APPROVED

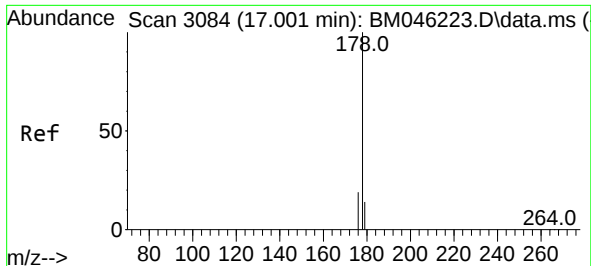
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#15
Phenanthrene
Concen: 0.789 ng/ul m
RT: 16.837 min Scan# 3045
Delta R.T. -0.066 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

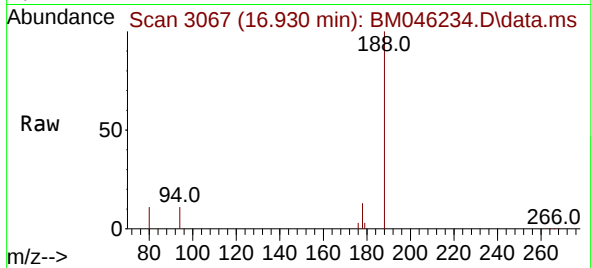
Tgt Ion:178 Resp: 20359
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 20.2 17.1 25.7





#16
 Anthracene
 Concen: 0.233 ng/ul m
 RT: 16.930 min Scan# 3084
 Delta R.T. -0.075 min
 Lab File: BM046234.D
 Acq: 23 Jun 2024 14:27

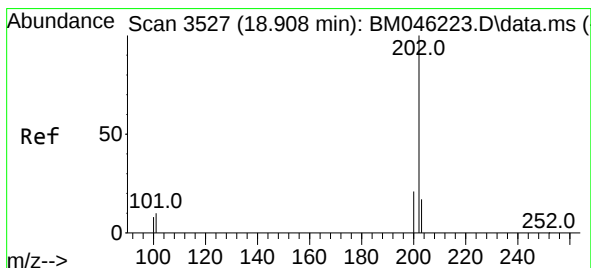
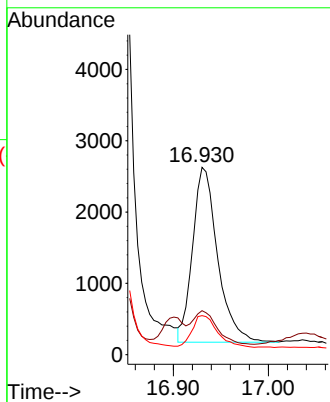
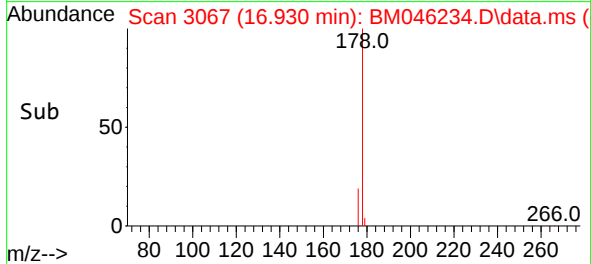
Instrument :
 BNA_M
 ClientSampleId :
 A4C74



Tgt Ion:178 Resp: 447
 Ion Ratio Lower Upper
 178 100
 179 23.4 14.9 22.3
 176 20.9 17.0 25.4

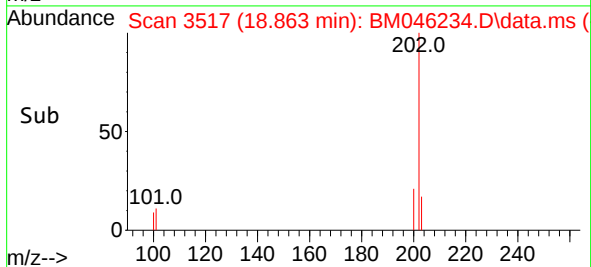
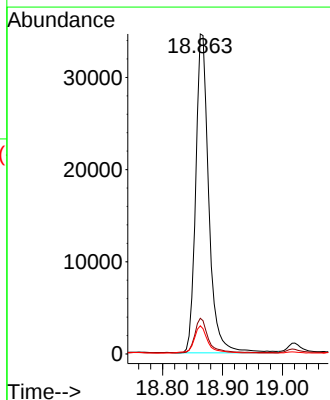
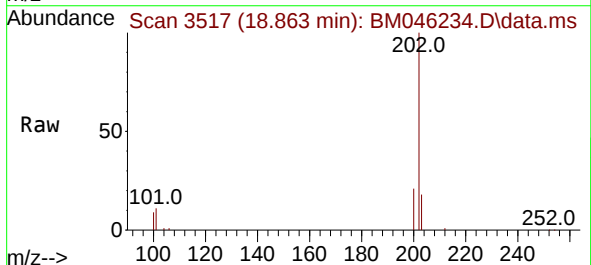
Manual Integrations
 APPROVED

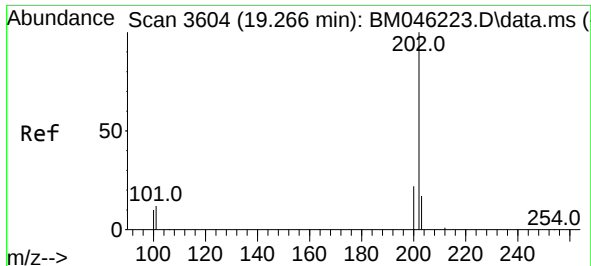
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 1.609 ng/ul
 RT: 18.863 min Scan# 3517
 Delta R.T. -0.055 min
 Lab File: BM046234.D
 Acq: 23 Jun 2024 14:27

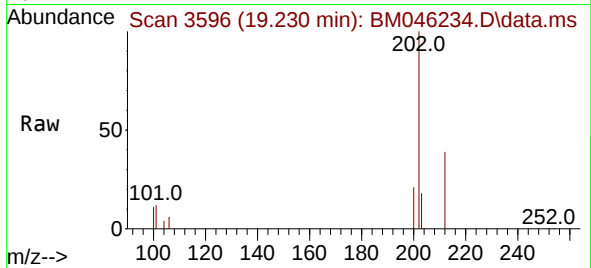
Tgt Ion:202 Resp: 52663
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.6 14.4
 100 8.8 7.6 11.4





#20
Pyrene
Concen: 1.322 ng/ul
RT: 19.230 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

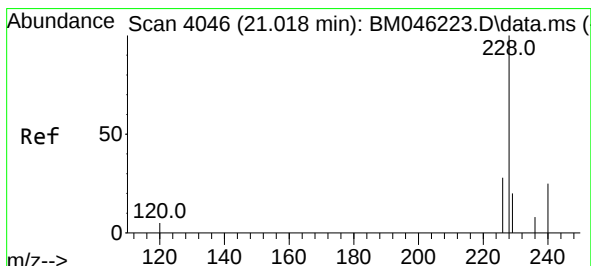
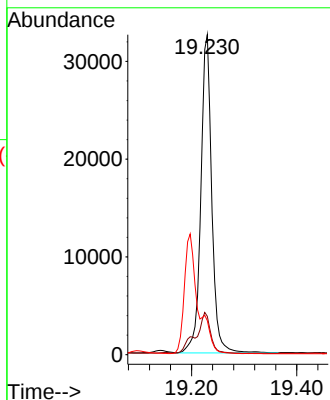
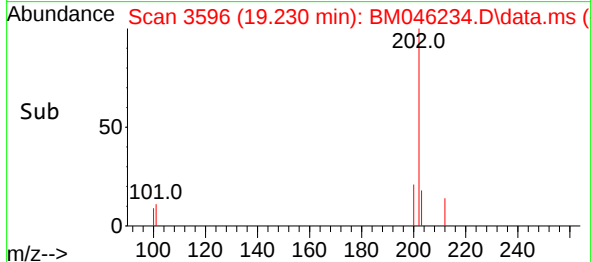
Instrument :
BNA_M
ClientSampleId :
A4C74



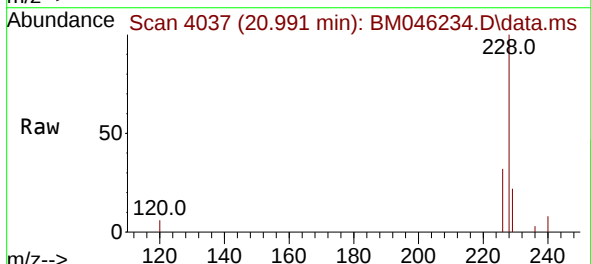
Tgt Ion:202 Resp: 4681
Ion Ratio Lower Upper
202 100
101 12.0 11.3 16.9
100 10.7 9.8 14.6

Manual Integrations
APPROVED

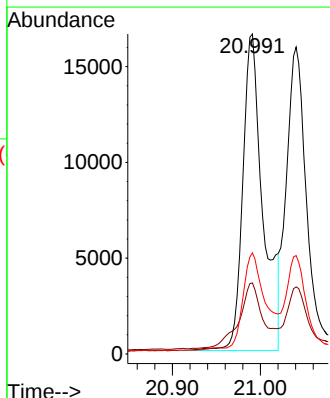
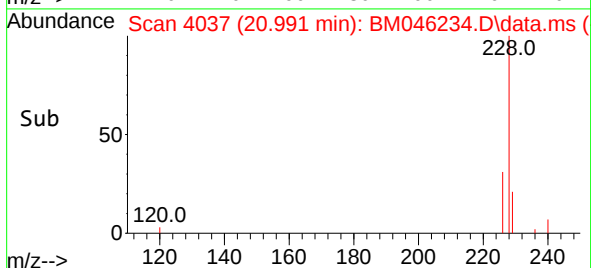
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

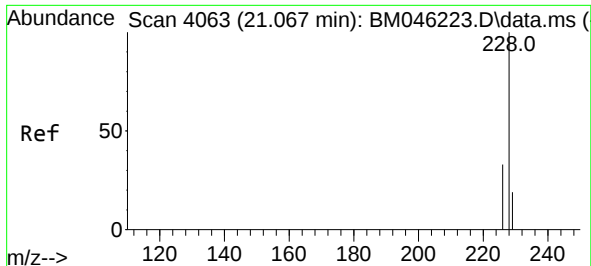


#21
Benzo(a)anthracene
Concen: 0.906 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27



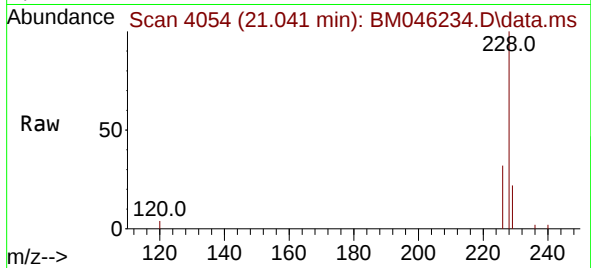
Tgt Ion:228 Resp: 26448
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 31.6 23.4 35.2





#22
Chrysene
Concen: 0.656 ng/ul
RT: 21.041 min Scan# 4063
Delta R.T. -0.036 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

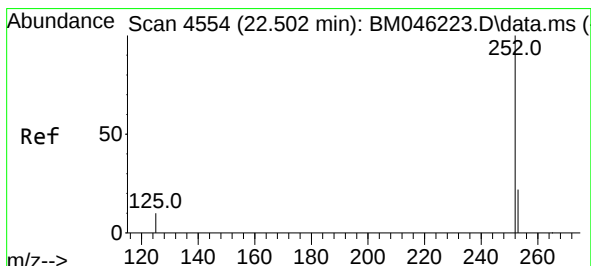
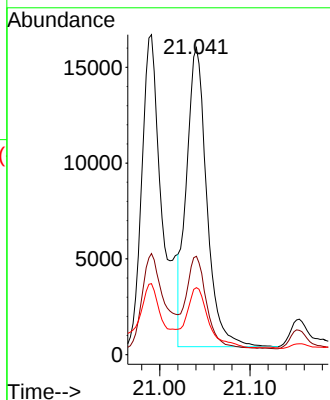
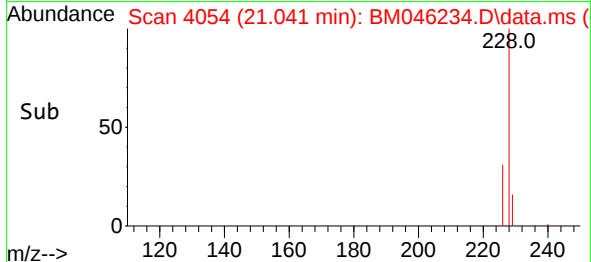
Instrument :
BNA_M
ClientSampleId :
A4C74



Tgt Ion:228 Resp: 24434
Ion Ratio Lower Upper
228 100
226 32.1 25.2 37.8
229 21.8 16.3 24.5

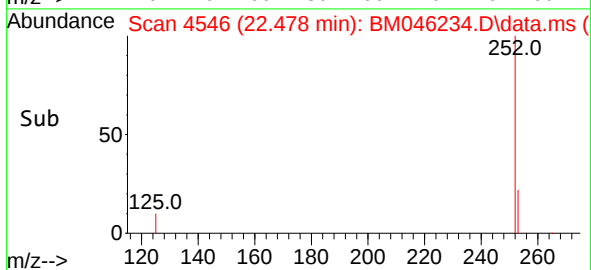
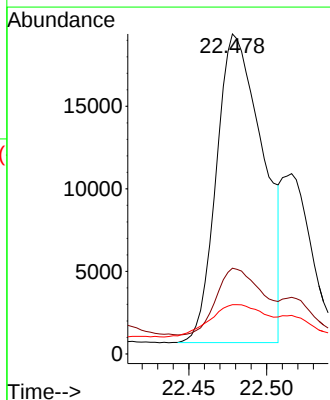
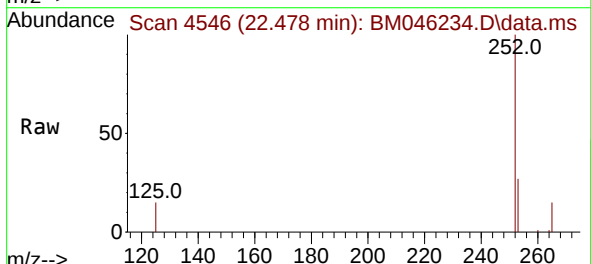
Manual Integrations
APPROVED

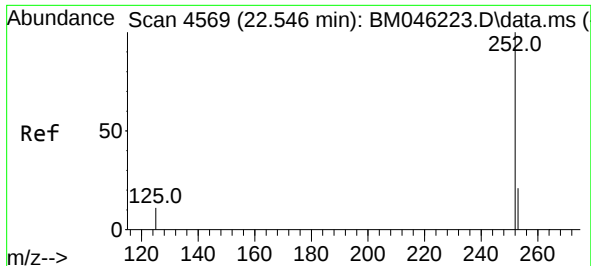
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#24
Benzo(b)fluoranthene
Concen: 1.349 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

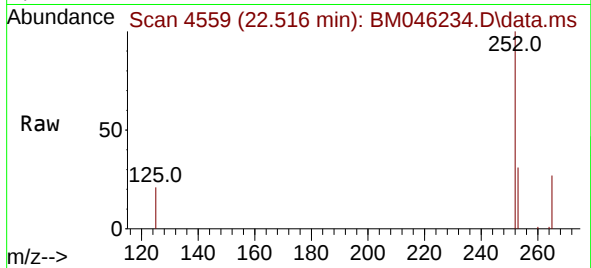
Tgt Ion:252 Resp: 38735
Ion Ratio Lower Upper
252 100
253 26.8 0.0 65.8
125 15.4 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

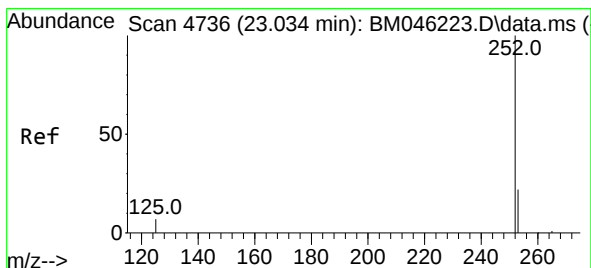
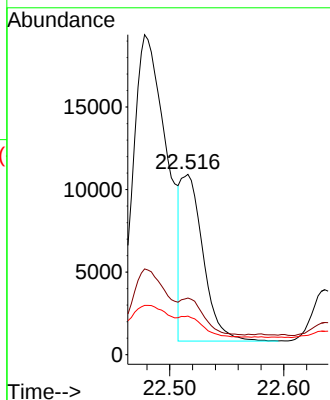
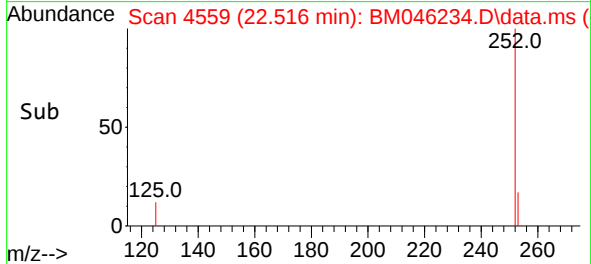
Instrument :
BNA_M
ClientSampleId :
A4C74



Tgt Ion:252 Resp: 1381
Ion Ratio Lower Upper
252 100
253 31.4 27.2 40.8
125 21.4 16.6 25.0

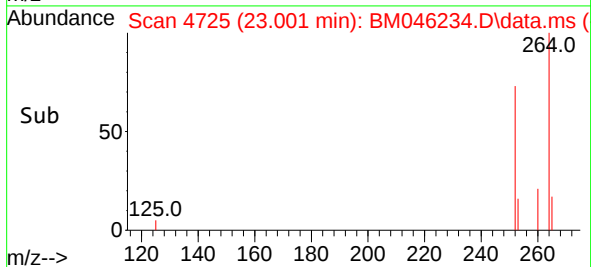
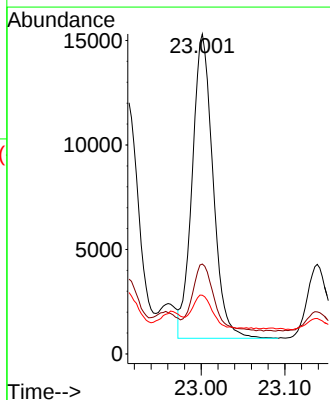
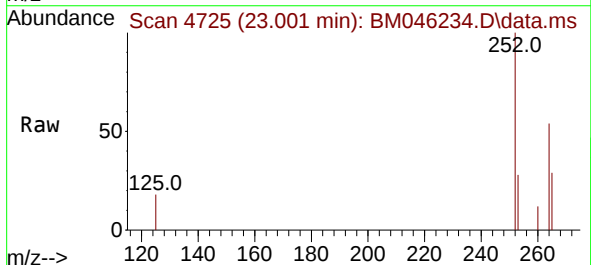
Manual Integrations
APPROVED

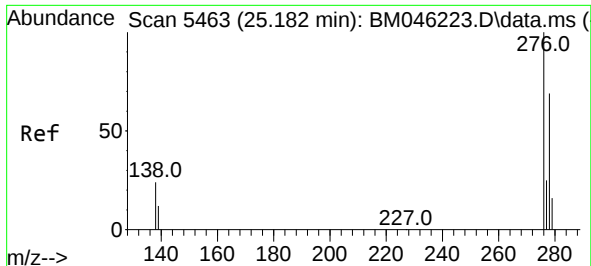
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.944 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

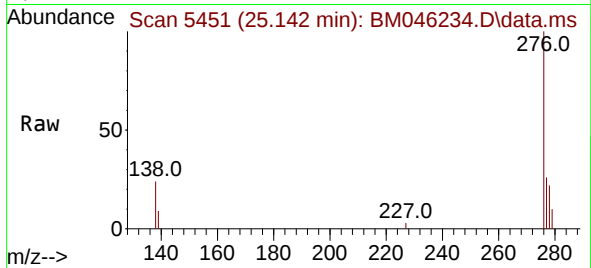
Tgt Ion:252 Resp: 25120
Ion Ratio Lower Upper
252 100
253 28.1 32.1 48.1#
125 18.4 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.486 ng/ul
RT: 25.142 min Scan# 5463
Delta R.T. -0.061 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

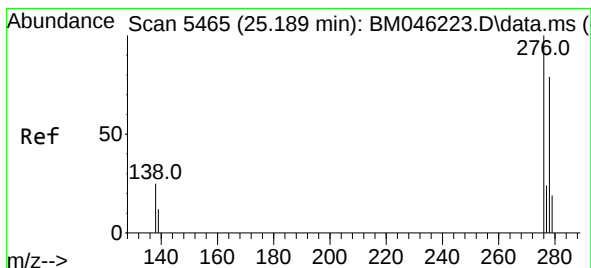
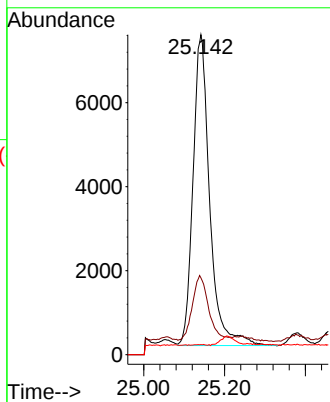
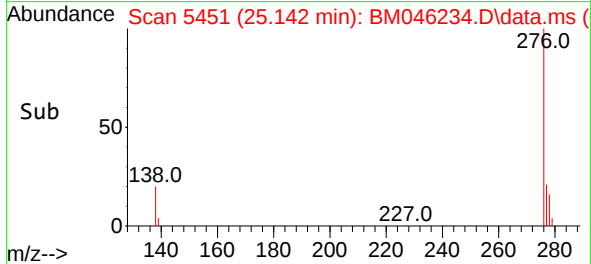
Instrument :
BNA_M
ClientSampleId :
A4C74



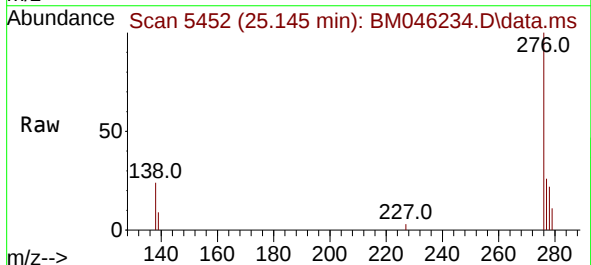
Tgt Ion:276 Resp: 21169
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.0 0.0 0.0

Manual Integrations
APPROVED

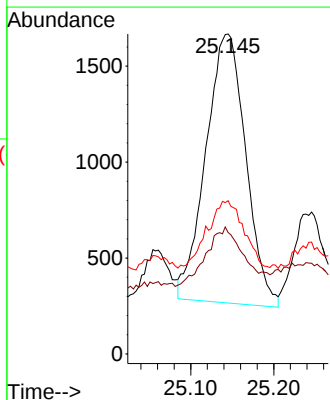
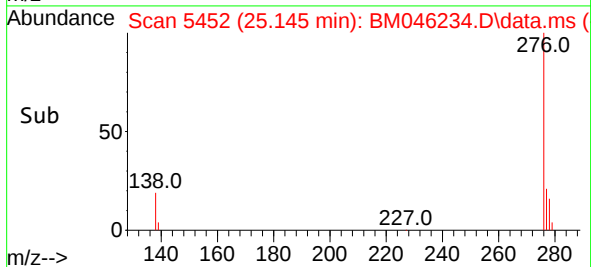
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

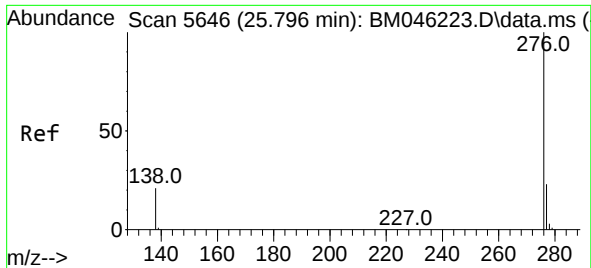


#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.071 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27



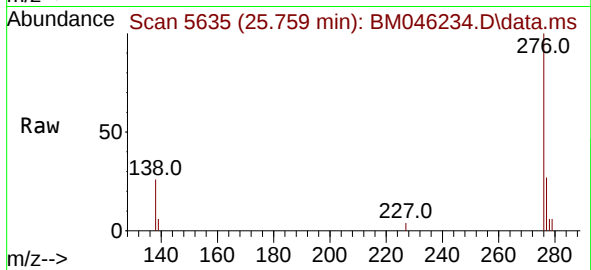
Tgt Ion:278 Resp: 4685
Ion Ratio Lower Upper
278 100
139 37.9 17.6 26.4#
279 47.9 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.573 ng/ul
RT: 25.759 min Scan# 50
Delta R.T. -0.071 min
Lab File: BM046234.D
Acq: 23 Jun 2024 14:27

Instrument :
BNA_M
ClientSampleId :
A4C74



Tgt Ion:276 Resp: 21380
Ion Ratio Lower Upper
276 100
138 25.9 21.7 32.5
277 26.6 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

