

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046237.D
 Acq On : 23 Jun 2024 16:16
 Operator : MA/JU
 Sample : P2776-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA3

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 02:31:53 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	2095	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.178	136	6452	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.058	164	3611	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.799	188	7593m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.014	240	6072m	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	6293m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	10774	3.748	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.805	152	2345	0.271	ng/ul	-0.06
18) Fluoranthene-d10	18.840	212	5141	0.283	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.227	128	416	0.023	ng/ul#	49
10) Acenaphthylene	13.771	152	939	0.055	ng/ul#	66
11) Acenaphthene	14.118	153	296	0.024	ng/ul#	87
12) Fluorene	15.113	166	517	0.039	ng/ul#	90
15) Phenanthrene	16.842	178	6591m	0.309	ng/ul	
16) Anthracene	16.934	178	1498m	0.094	ng/ul	
19) Fluoranthene	18.867	202	12774	0.486	ng/ul	99
20) Pyrene	19.230	202	11526	0.405	ng/ul#	95
21) Benzo(a)anthracene	20.997	228	5742	0.245	ng/ul#	90
22) Chrysene	21.049	228	5699	0.190	ng/ul#	93
24) Benzo(b)fluoranthene	22.484	252	8495m	0.375	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	3307m	0.123	ng/ul	
26) Benzo(a)pyrene	23.004	252	5314	0.253	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.152	276	4421	0.129	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.158	278	1130	0.044	ng/ul#	1
29) Benzo(g,h,i)perylene	25.772	276	4458	0.151	ng/ul#	78

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

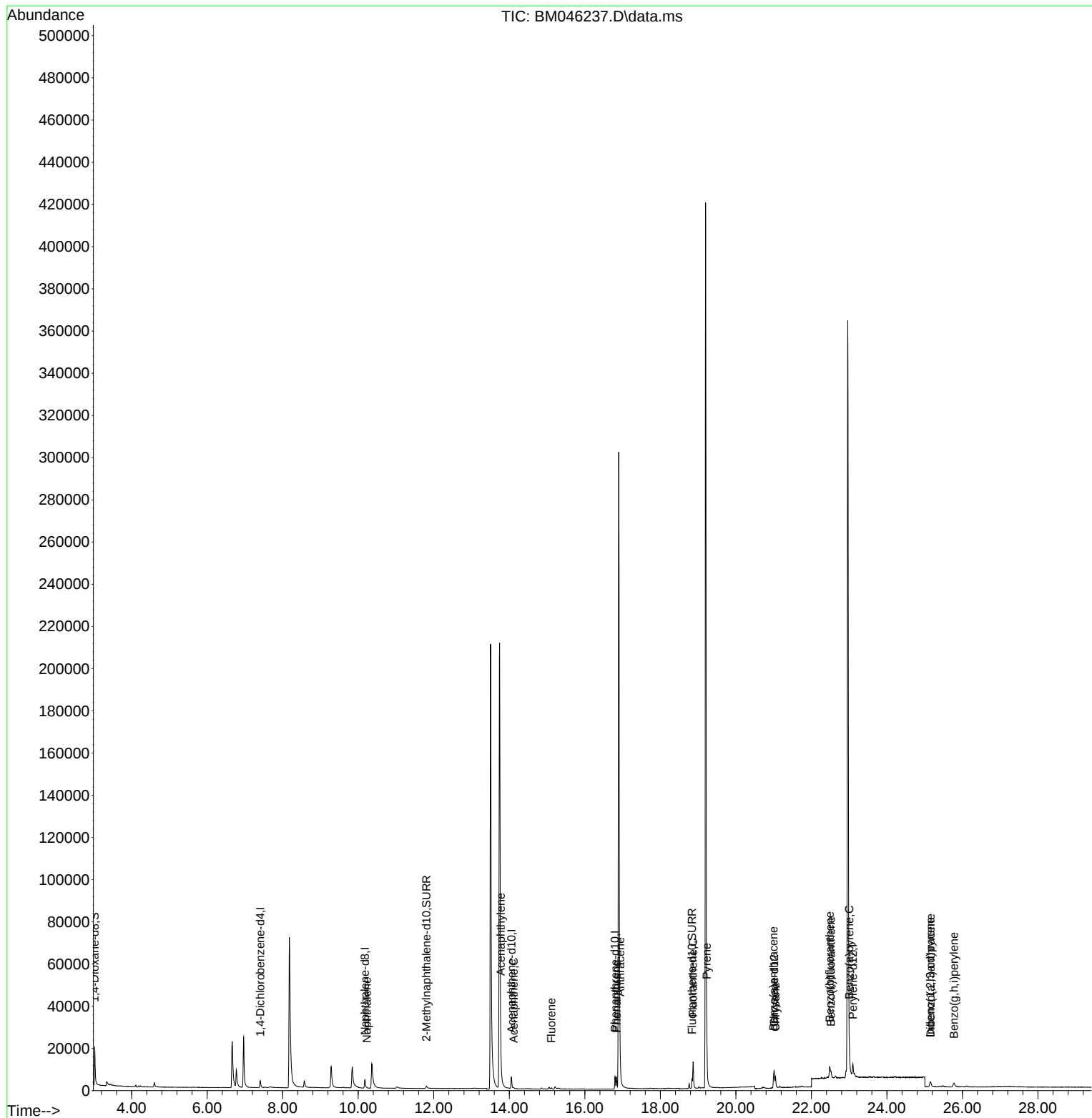
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046237.D
Acq On : 23 Jun 2024 16:16
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Sample : P2776-09
Misc :
ALS Vial : 52 Sample Multiplier: 1

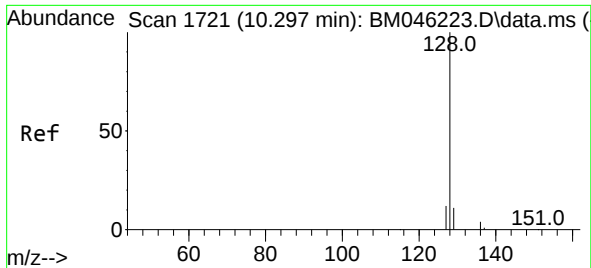
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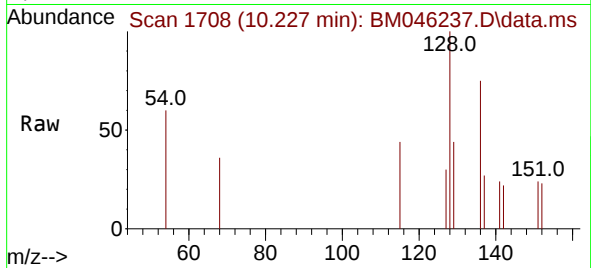
Quant Time: Jun 24 02:31:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/uI
RT: 10.227 min Scan# 1708
Delta R.T. -0.076 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

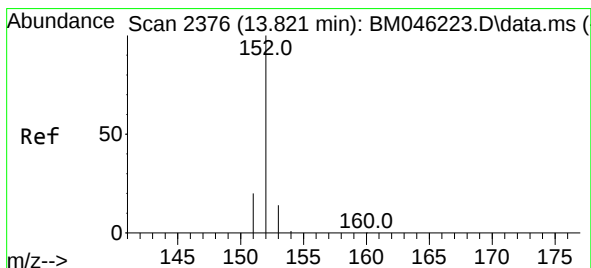
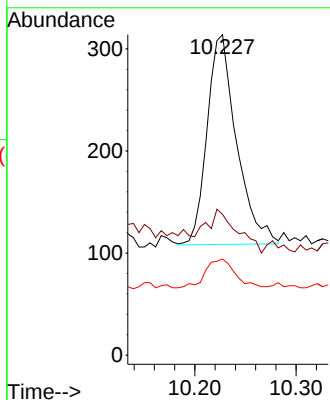
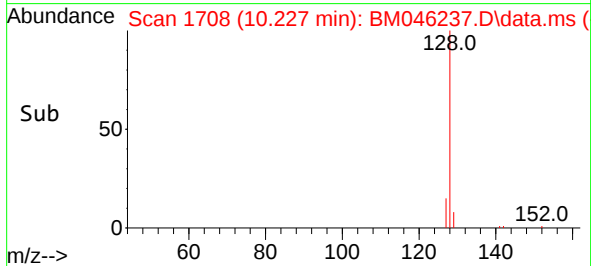
Instrument :
BNA_M
ClientSampleId :
A4CA3



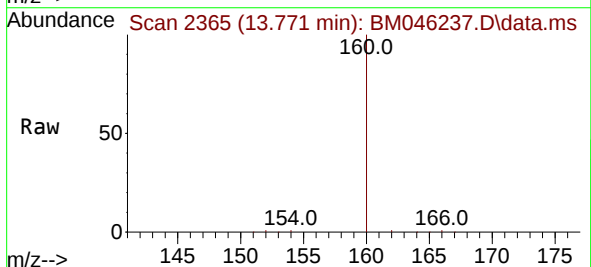
Tgt Ion:128 Resp: 410
Ion Ratio Lower Upper
128 100
129 43.9 11.8 17.6#
127 29.9 12.8 19.2#

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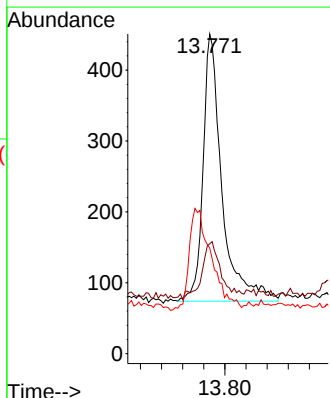
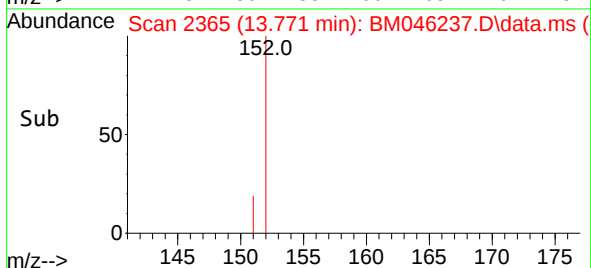
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

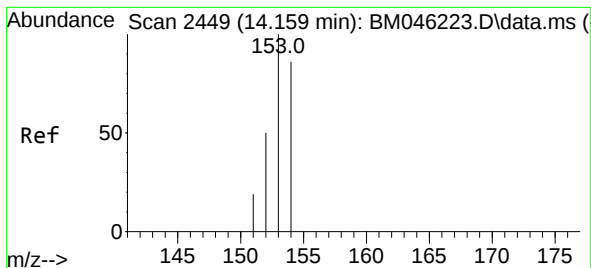


#10
Acenaphthylene
Concen: 0.055 ng/uI
RT: 13.771 min Scan# 2365
Delta R.T. -0.063 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16



Tgt Ion:152 Resp: 939
Ion Ratio Lower Upper
152 100
151 34.4 17.4 26.2#
153 33.0 11.8 17.8#





#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.118 min Scan# 2449

Delta R.T. -0.054 min

Lab File: BM046237.D

Acq: 23 Jun 2024 16:16

Instrument :

BNA_M

ClientSampleId :

A4CA3

Tgt Ion:153 Resp: 290

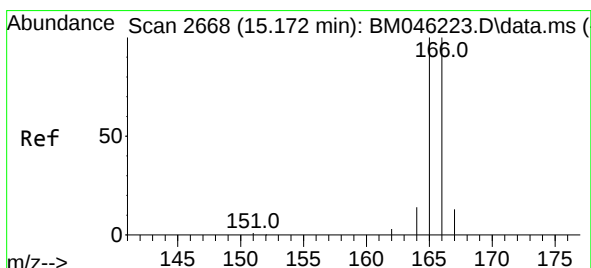
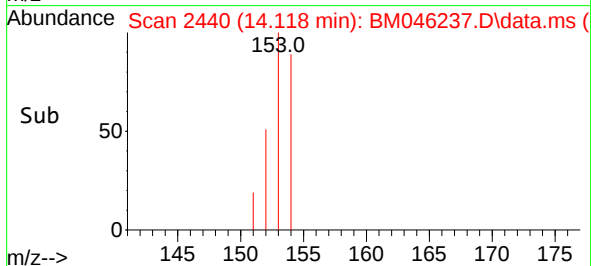
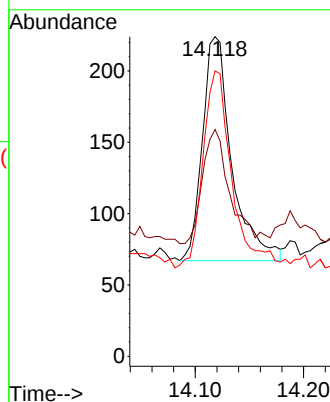
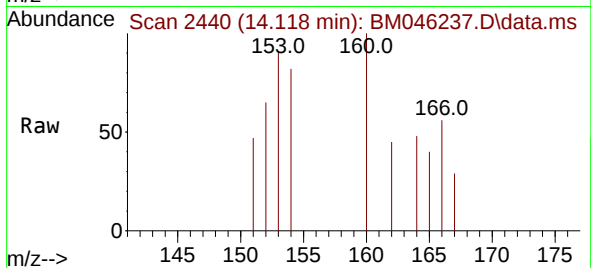
Ion	Ratio	Lower	Upper
153	100		
152	71.0	41.3	61.9
154	89.3	68.2	102.4

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Supervised By :Jagrut Upadhyay 06/24/2024



#12

Fluorene

Concen: 0.039 ng/ul

RT: 15.113 min Scan# 2655

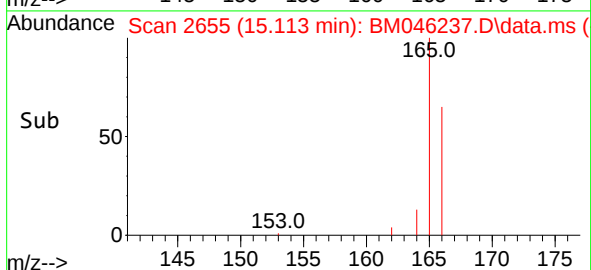
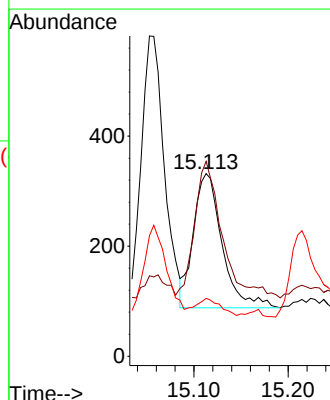
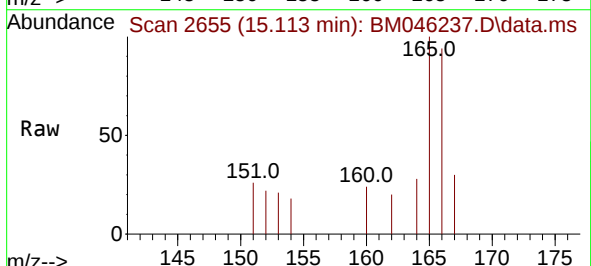
Delta R.T. -0.068 min

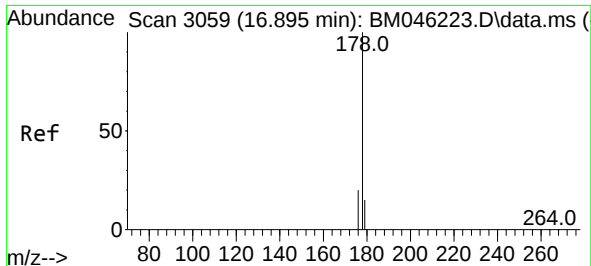
Lab File: BM046237.D

Acq: 23 Jun 2024 16:16

Tgt Ion:166 Resp: 517

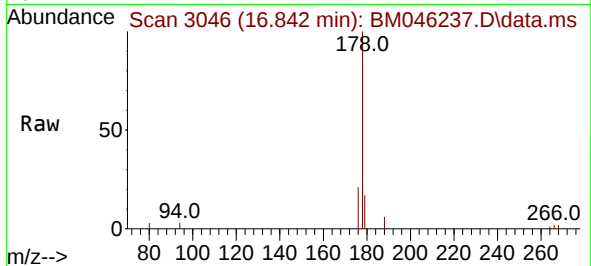
Ion	Ratio	Lower	Upper
166	100		
165	106.6	80.4	120.6
167	31.6	12.4	18.6





#15
Phenanthrene
Concen: 0.309 ng/ul m
RT: 16.842 min Scan# 3046
Delta R.T. -0.062 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

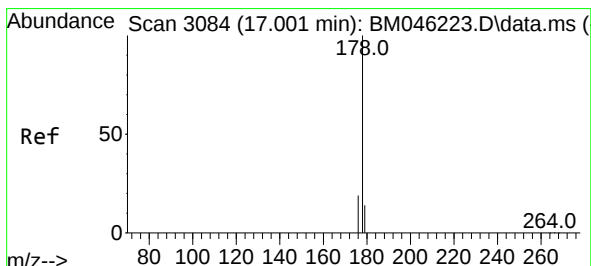
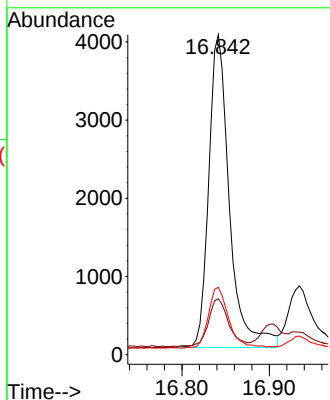
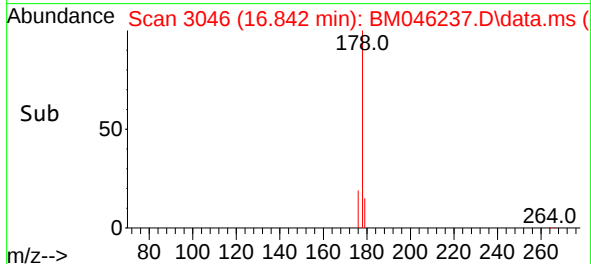
Instrument :
BNA_M
ClientSampleId :
A4CA3



Tgt Ion:178 Resp: 659
Ion Ratio Lower Upper
178 100
179 17.4 14.2 21.2
176 21.1 17.1 25.7

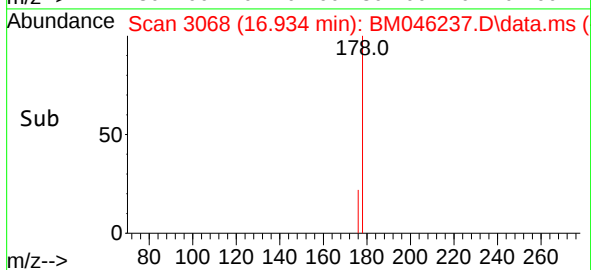
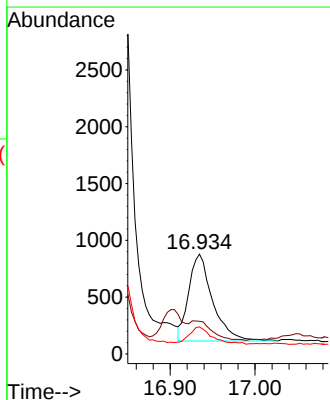
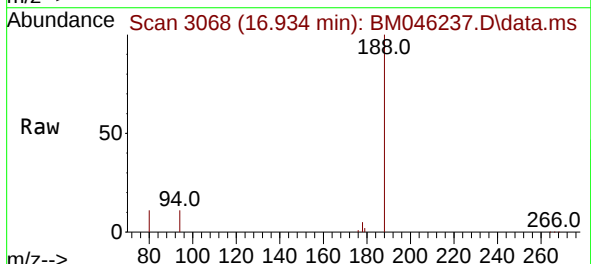
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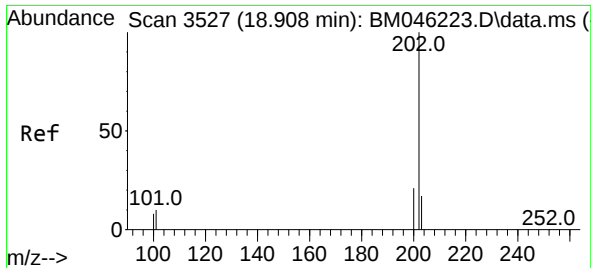
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.094 ng/ul m
RT: 16.934 min Scan# 3068
Delta R.T. -0.070 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

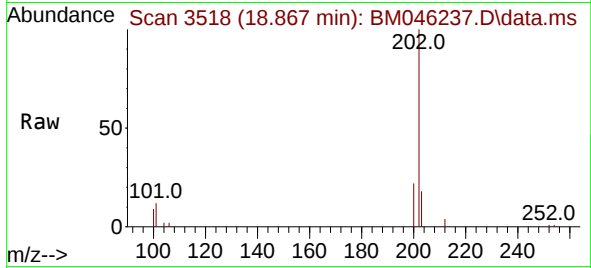
Tgt Ion:178 Resp: 1498
Ion Ratio Lower Upper
178 100
179 32.8 14.9 22.3#
176 27.1 17.0 25.4#





#19
Fluoranthene
Concen: 0.486 ng/u1
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

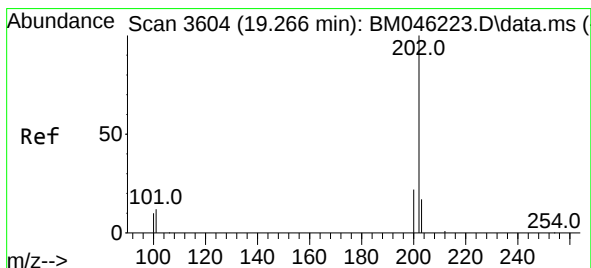
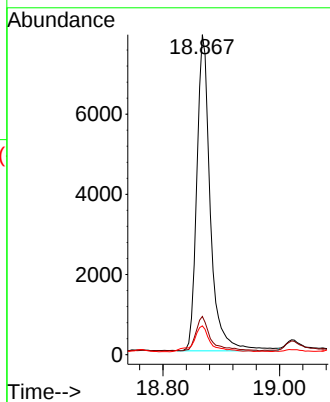
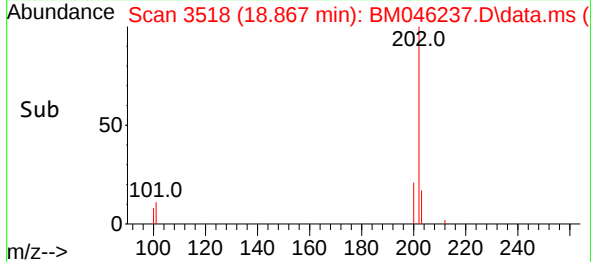
Instrument :
BNA_M
ClientSampleId :
A4CA3



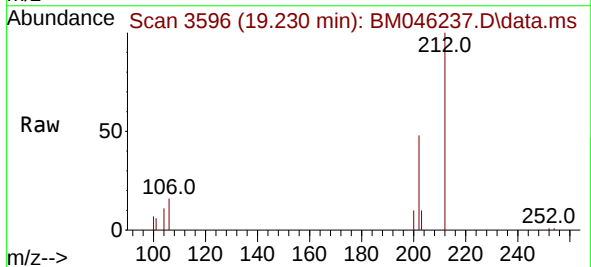
Tgt Ion:202 Resp: 12774
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 9.0 7.6 11.4

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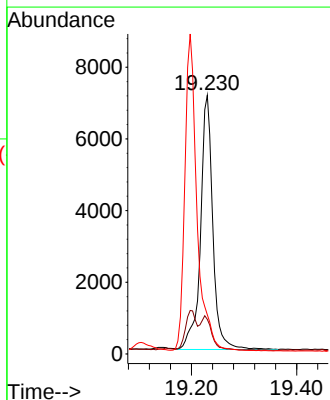
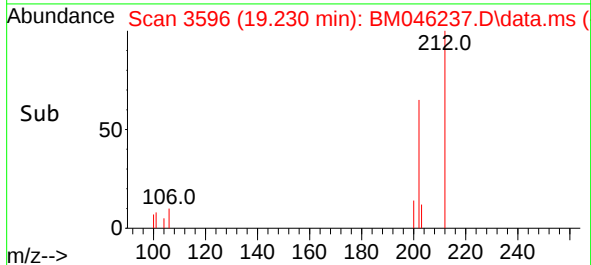
Reviewed By :Yogesh Patel 06/24/2024
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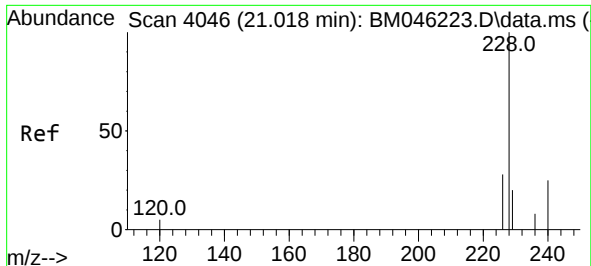


#20
Pyrene
Concen: 0.405 ng/u1
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16



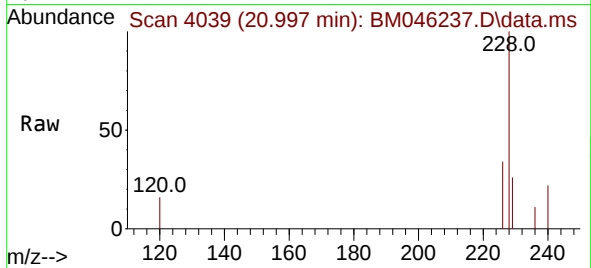
Tgt Ion:202 Resp: 11526
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 15.2 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.245 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

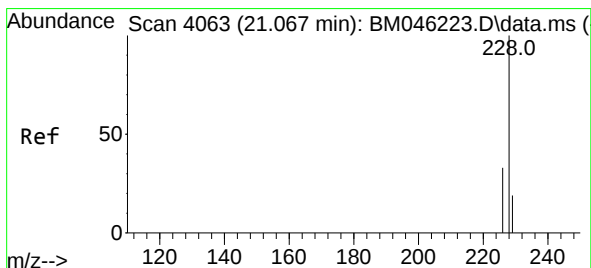
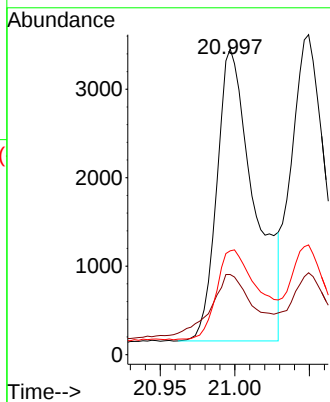
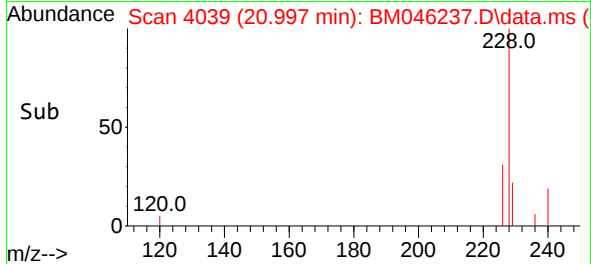
Instrument :
BNA_M
ClientSampleId :
A4CA3



Tgt Ion:228 Resp: 5742
Ion Ratio Lower Upper
228 100
229 26.2 16.4 24.6
226 33.9 23.4 35.2

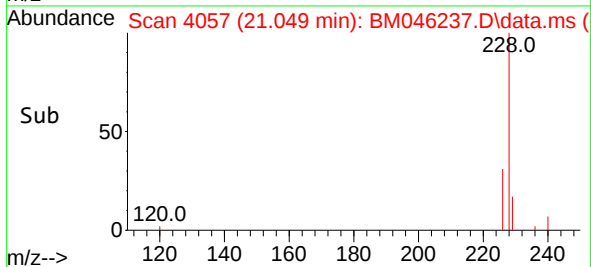
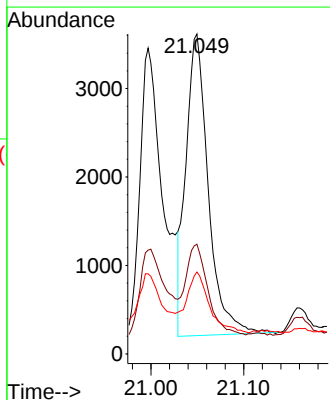
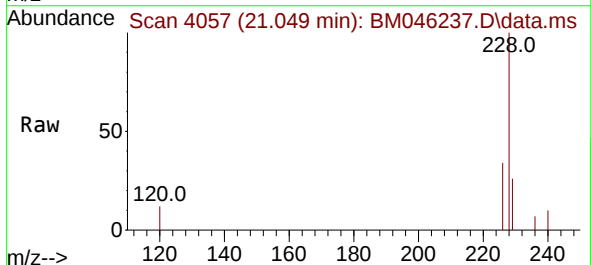
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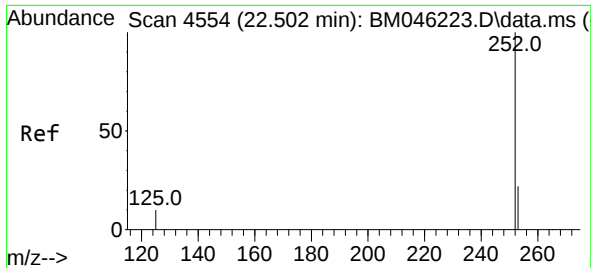
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

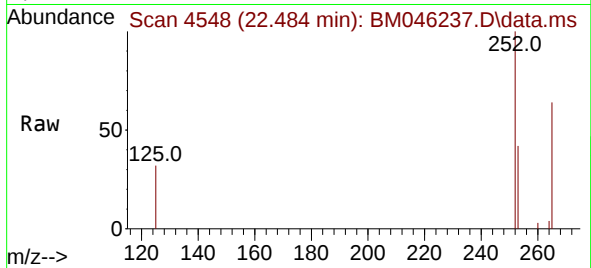
Tgt Ion:228 Resp: 5699
Ion Ratio Lower Upper
228 100
226 34.3 25.2 37.8
229 25.6 16.3 24.5#





#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.035 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

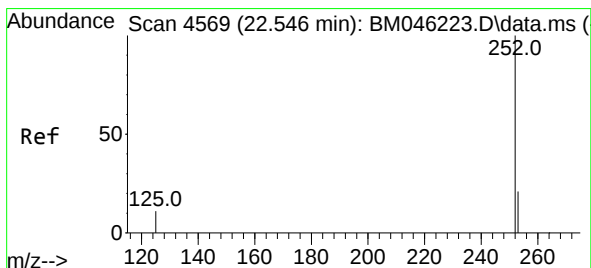
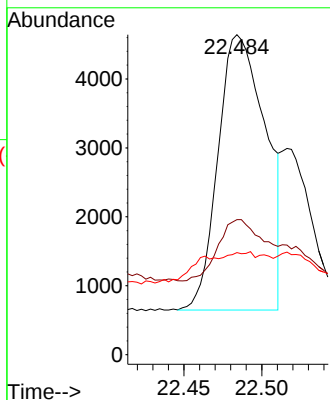
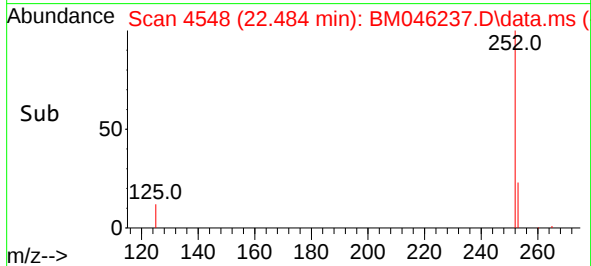
Instrument :
BNA_M
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A4CA3



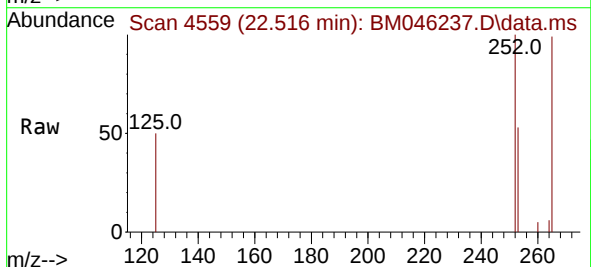
Tgt Ion:252 Resp: 849
Ion Ratio Lower Upper
252 100
253 42.2 0.0 65.8
125 31.9 0.0 40.2

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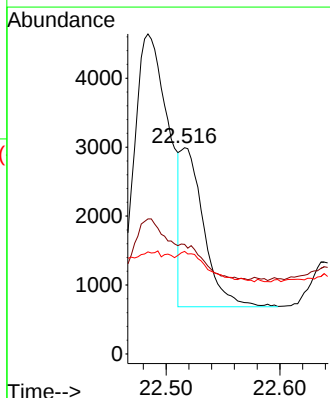
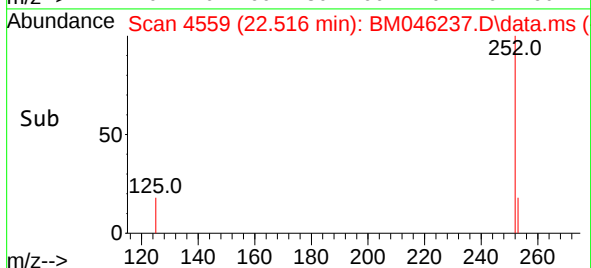
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

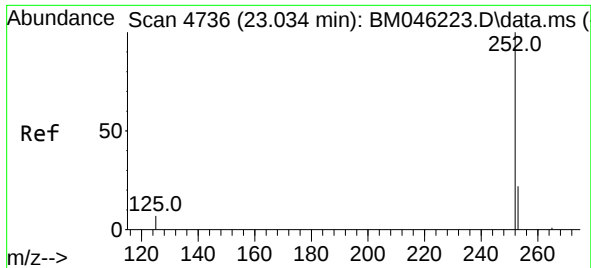


#25
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16



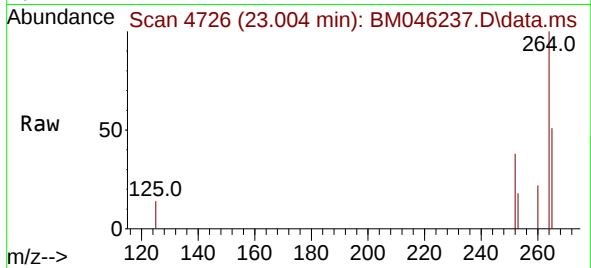
Tgt Ion:252 Resp: 3307
Ion Ratio Lower Upper
252 100
253 53.2 27.2 40.8#
125 49.8 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.004 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

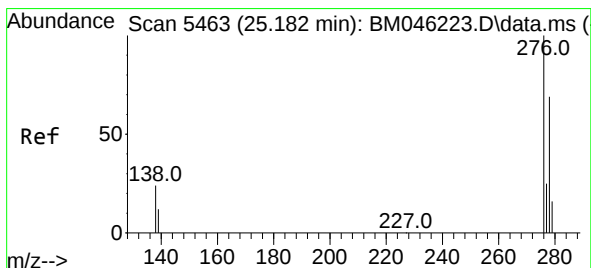
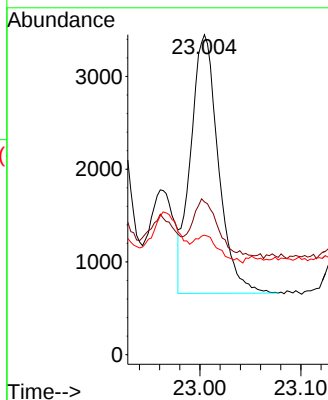
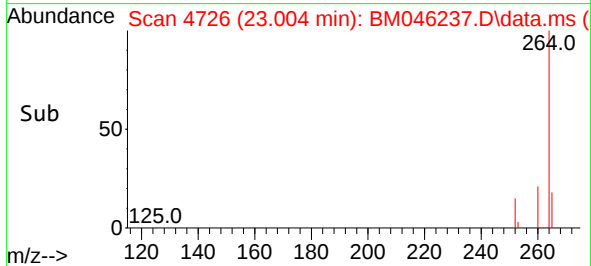
Instrument :
BNA_M
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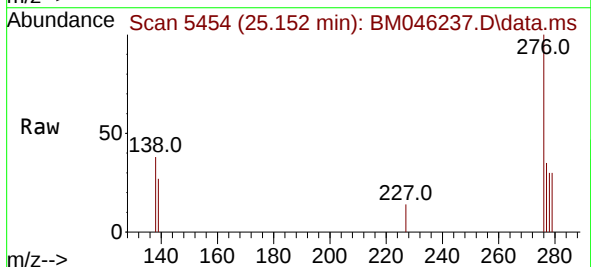
Tgt Ion:252 Resp: 5314
Ion Ratio Lower Upper
252 100
253 47.8 32.1 48.1
125 37.3 21.2 31.8

Manual Integrations
APPROVED

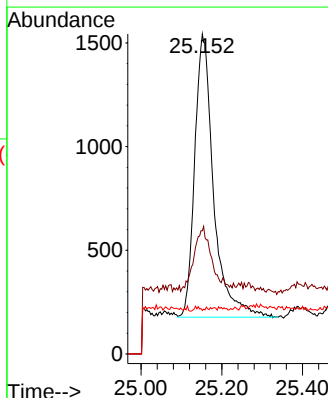
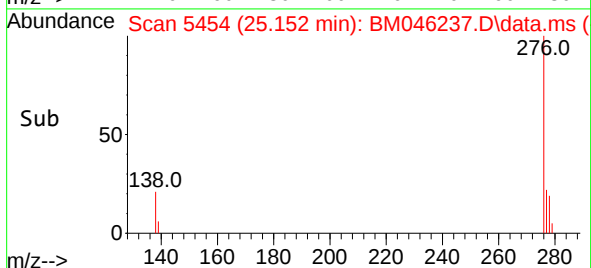
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

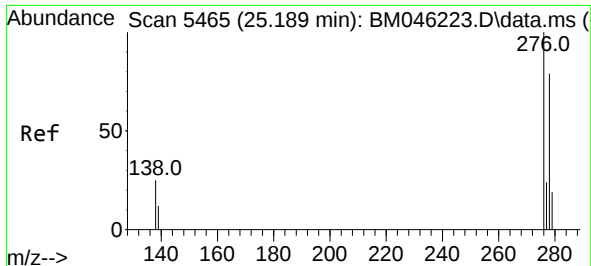


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.051 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16



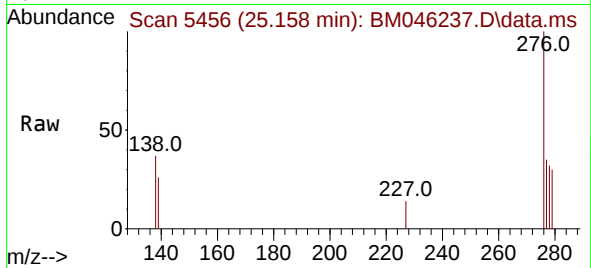
Tgt Ion:276 Resp: 4421
Ion Ratio Lower Upper
276 100
138 21.6 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.158 min Scan# 5465
Delta R.T. -0.057 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16

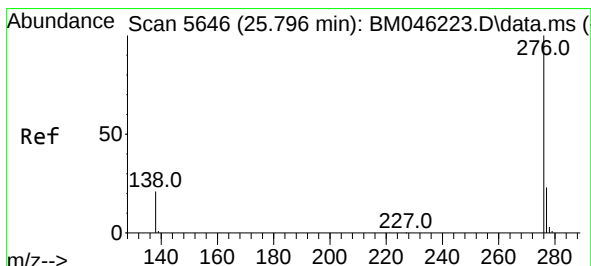
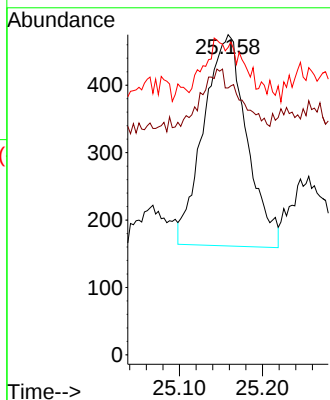
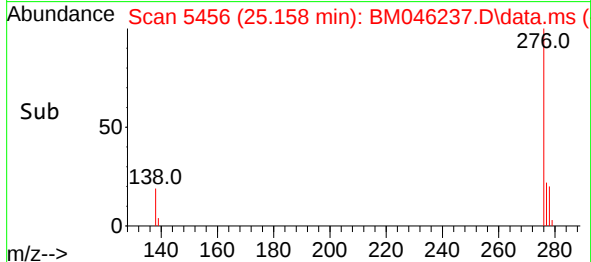
Instrument :
BNA_M
ClientSampleId :
A4CA3



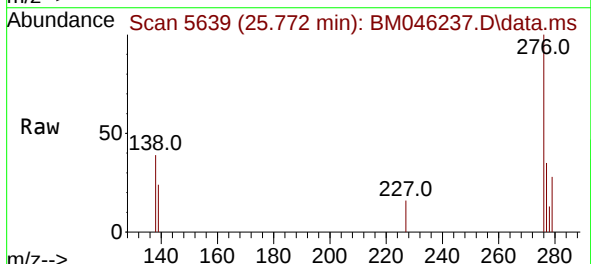
Tgt Ion:278 Resp: 1130
Ion Ratio Lower Upper
278 100
139 83.4 17.6 26.4#
279 96.0 26.3 39.5#

Manual Integrations
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Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul
RT: 25.772 min Scan# 5639
Delta R.T. -0.057 min
Lab File: BM046237.D
Acq: 23 Jun 2024 16:16



Tgt Ion:276 Resp: 4458
Ion Ratio Lower Upper
276 100
138 39.3 21.7 32.5#
277 35.4 20.4 30.6#

