

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046567.D
 Acq On : 13 Jul 2024 04:44
 Operator : MA/JU
 Sample : P3087-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 05:15:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9186	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.151	164	5773	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	12632m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9546	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	9496m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	8921	3.204	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3493	0.236	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	8106	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	1038	0.044	ng/ul#	88
10) Acenaphthylene	13.868	152	2076	0.079	ng/ul	93
11) Acenaphthene	14.215	153	704	0.040	ng/ul	97
12) Fluorene	15.205	166	1103	0.051	ng/ul#	90
15) Phenanthrene	16.943	178	25516	0.708	ng/ul	99
16) Anthracene	17.036	178	4721	0.134	ng/ul	97
19) Fluoranthene	18.970	202	53901	1.375	ng/ul#	99
20) Pyrene	19.332	202	43148m	1.016	ng/ul	
21) Benzo(a)anthracene	21.090	228	21416	0.507	ng/ul	96
22) Chrysene	21.140	228	24936	0.610	ng/ul	98
24) Benzo(b)fluoranthene	22.613	252	32222m	0.850	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	11817m	0.317	ng/ul	
26) Benzo(a)pyrene	23.154	252	19597	0.628	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.360	276	16068	0.338	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	3797	0.101	ng/ul#	64
29) Benzo(g,h,i)perylene	26.007	276	15814	0.417	ng/ul#	97

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

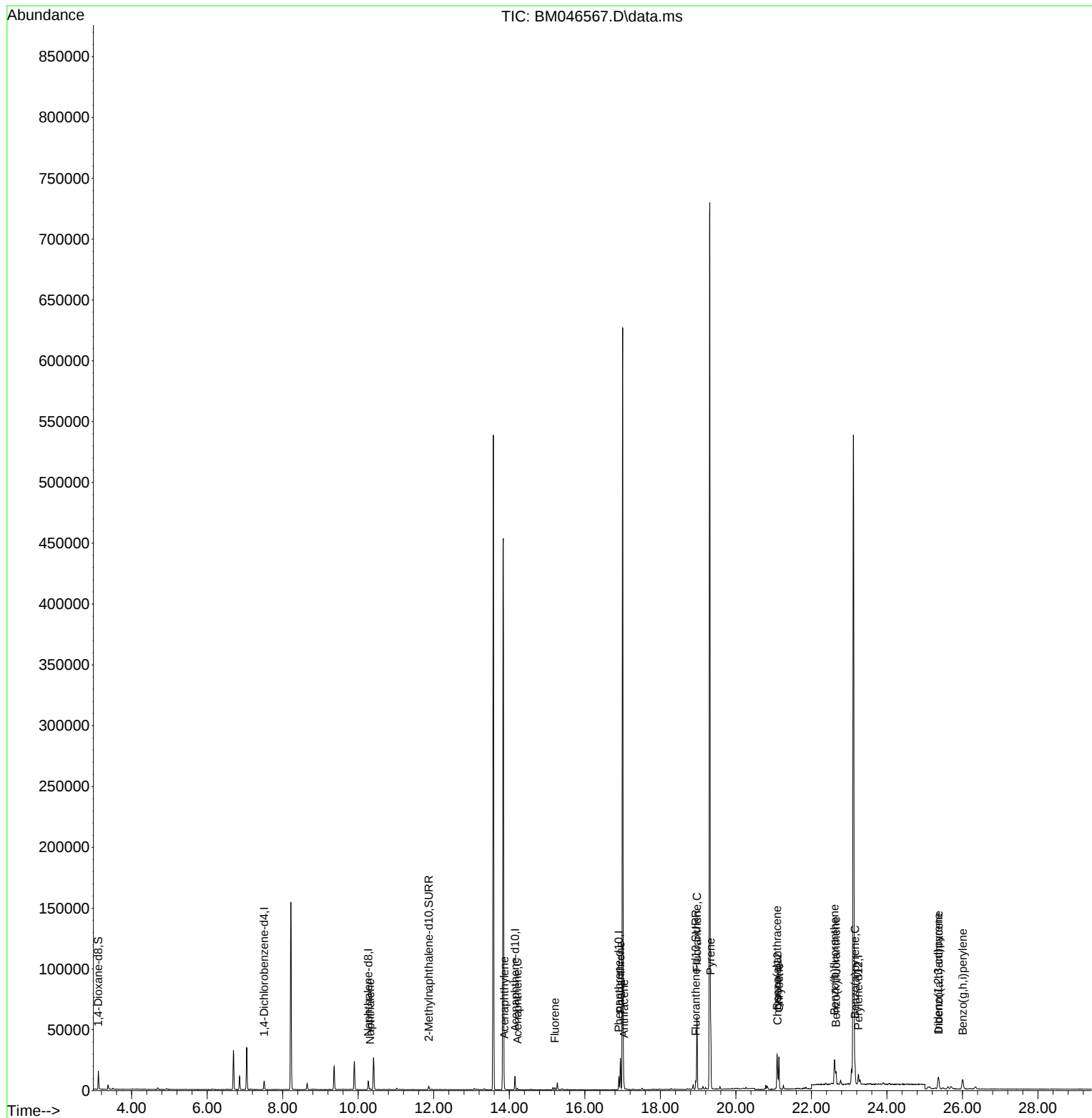
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046567.D
Acq On : 13 Jul 2024 04:44
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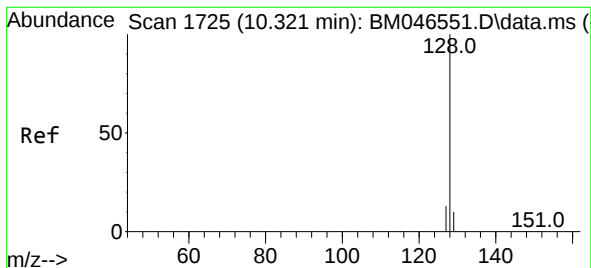
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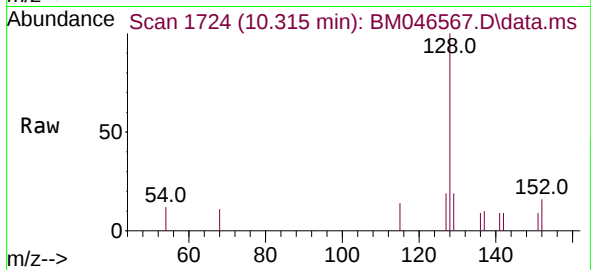
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.009 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

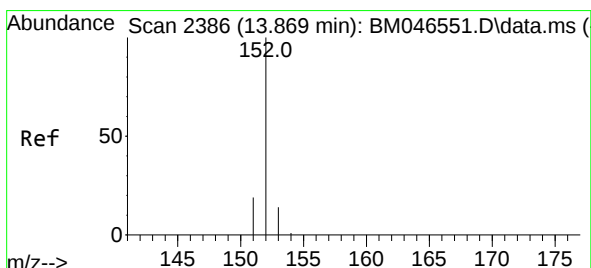
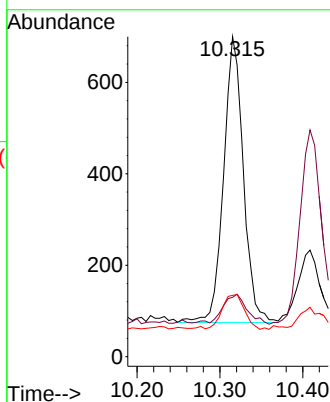
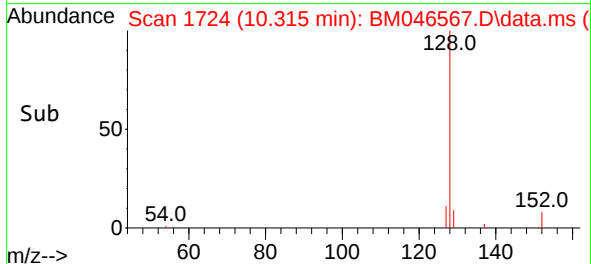
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:128 Resp: 1038
Ion Ratio Lower Upper
128 100
129 18.6 10.3 15.5
127 19.1 12.2 18.4

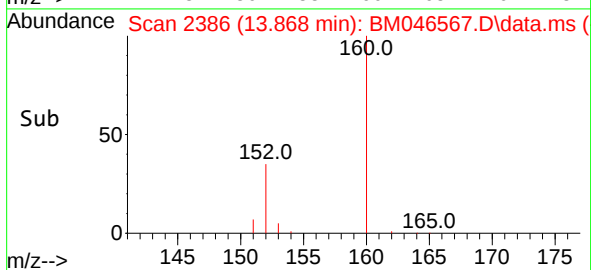
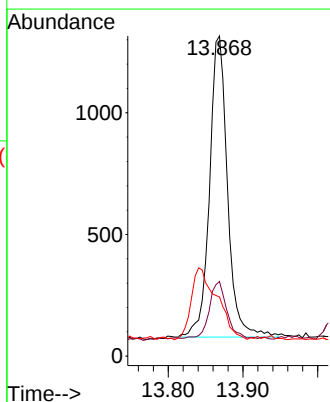
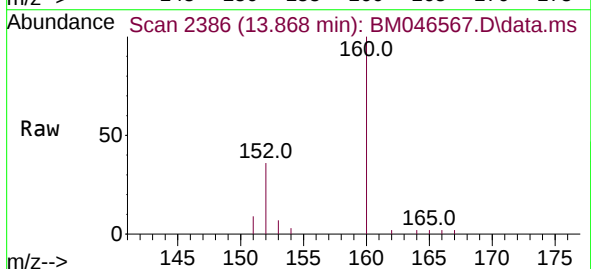
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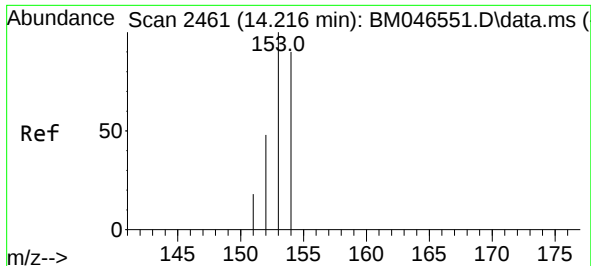
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

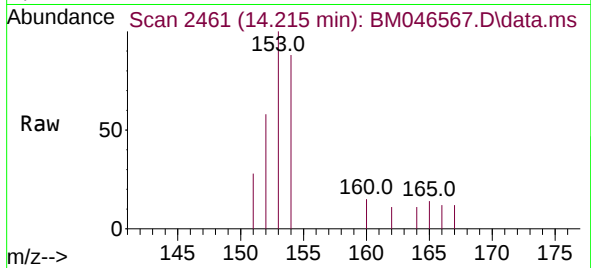
Tgt Ion:152 Resp: 2076
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 18.5 12.4 18.6





#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

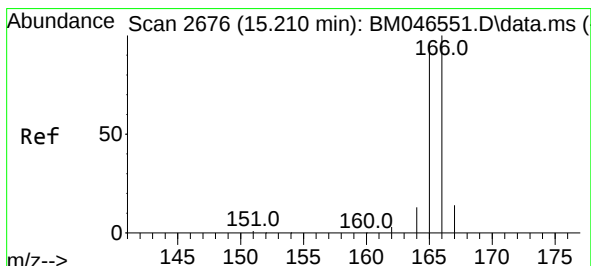
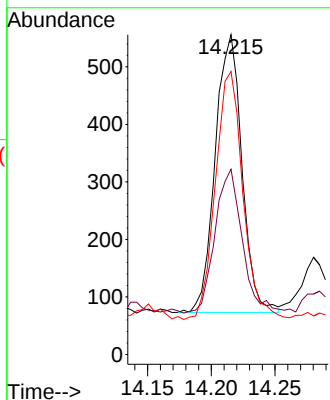
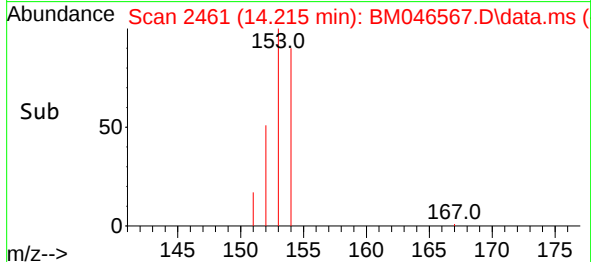
Instrument :
BNA_M
ClientSampleId :
A4CB4



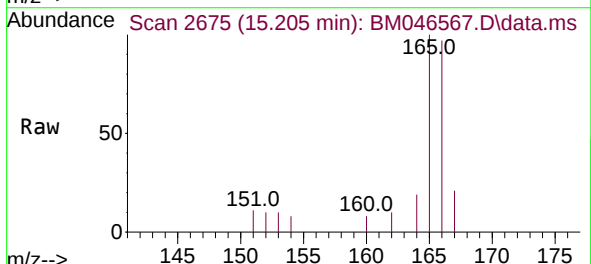
Tgt Ion:153 Resp: 704
Ion Ratio Lower Upper
153 100
152 57.9 43.0 64.6
154 88.5 69.9 104.9

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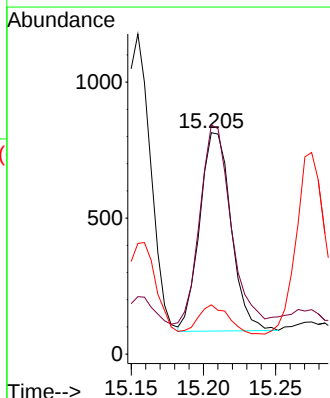
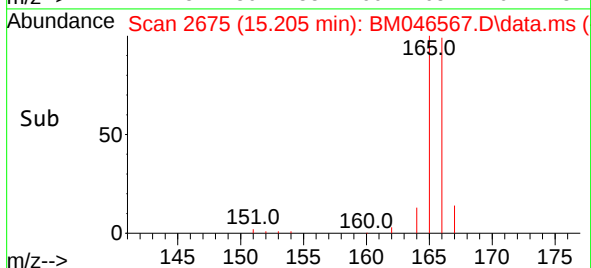
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

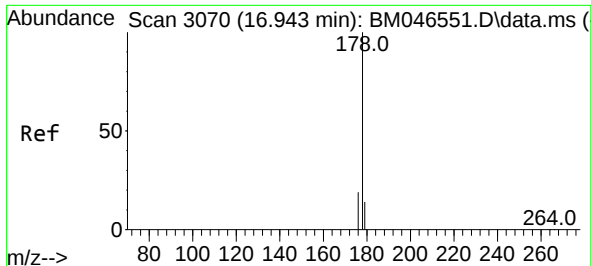


#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.008 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44



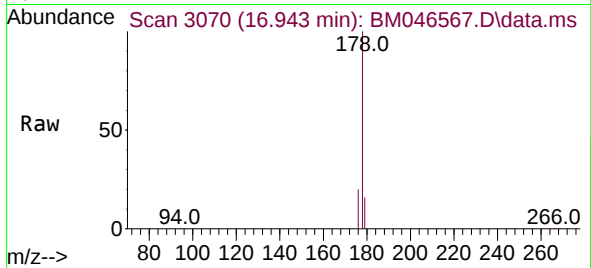
Tgt Ion:166 Resp: 1103
Ion Ratio Lower Upper
166 100
165 103.4 76.1 114.1
167 22.2 12.5 18.7#





#15
Phenanthrene
Concen: 0.708 ng/u1
RT: 16.943 min Scan# 3070
Delta R.T. -0.007 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

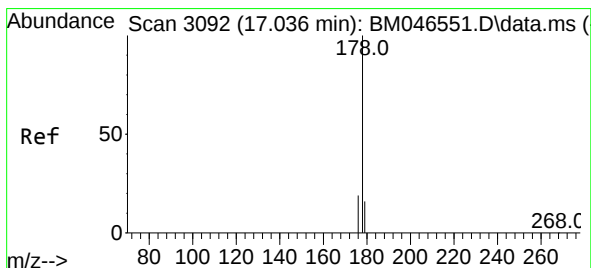
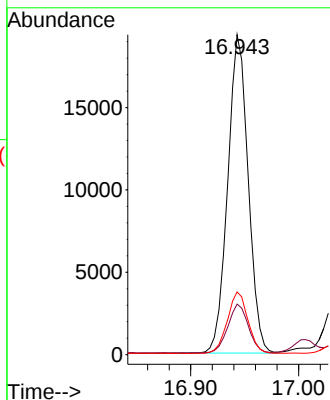
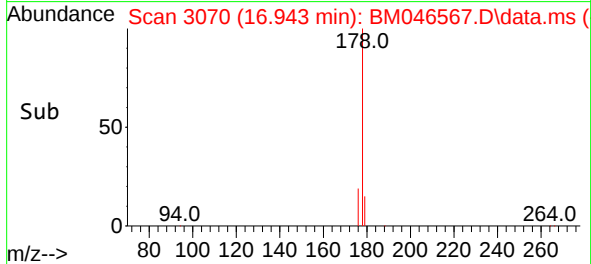
Instrument :
BNA_M
ClientSampleId :
A4CB4



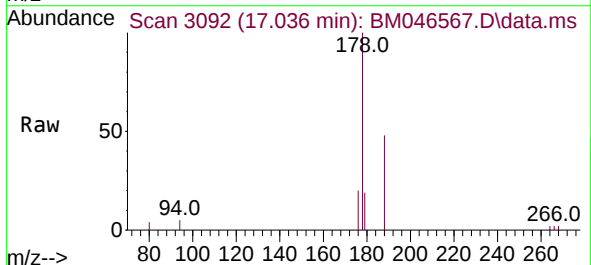
Tgt Ion:178 Resp: 25510
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.6 16.0 24.0

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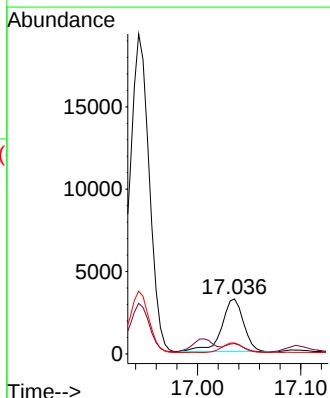
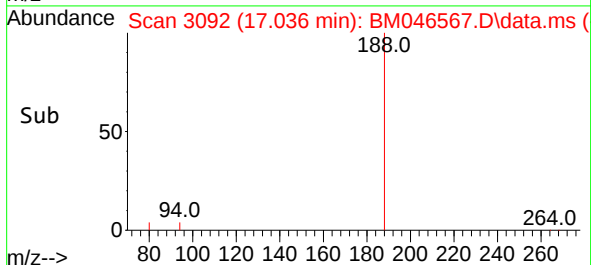
Reviewed By :Yogesh Patel 07/13/2024
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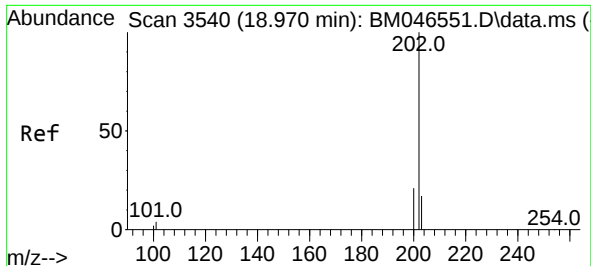


#16
Anthracene
Concen: 0.134 ng/u1
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44



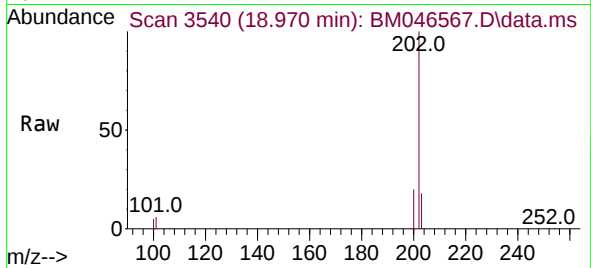
Tgt Ion:178 Resp: 4721
Ion Ratio Lower Upper
178 100
179 18.8 13.5 20.3
176 20.1 15.7 23.5





#19
Fluoranthene
Concen: 1.375 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.008 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

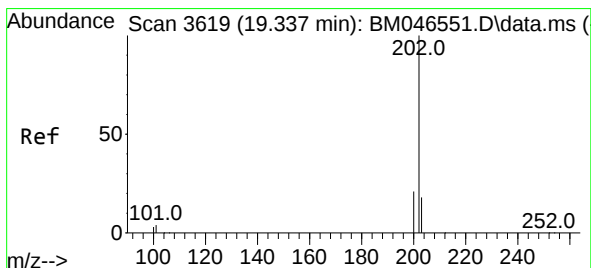
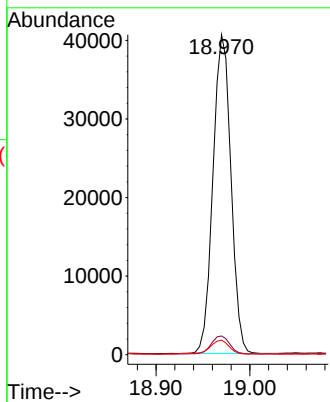
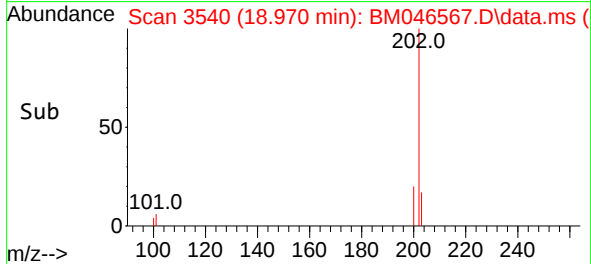
Instrument :
BNA_M
ClientSampleId :
A4CB4



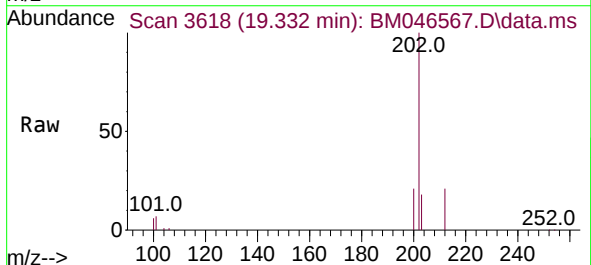
Tgt Ion:202 Resp: 5390
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.6 3.0 4.6

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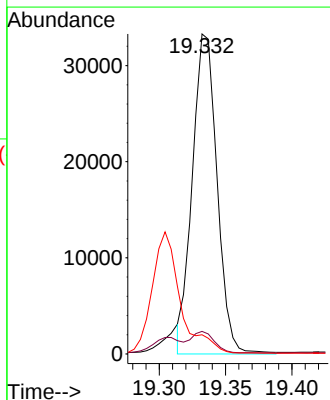
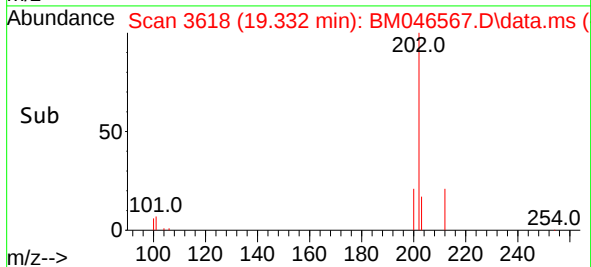
Reviewed By :Yogesh Patel 07/13/2024
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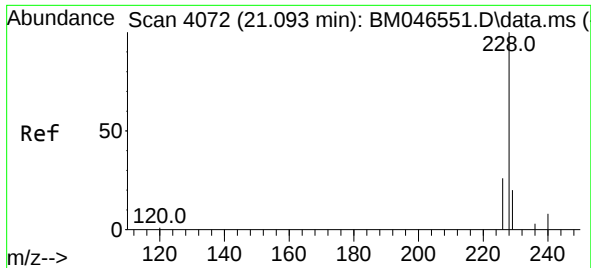


#20
Pyrene
Concen: 1.016 ng/ul m
RT: 19.332 min Scan# 3618
Delta R.T. -0.008 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44



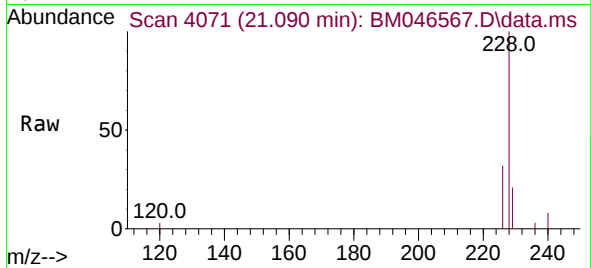
Tgt Ion:202 Resp: 43148
Ion Ratio Lower Upper
202 100
101 7.1 5.1 7.7
100 6.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.507 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. -0.006 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

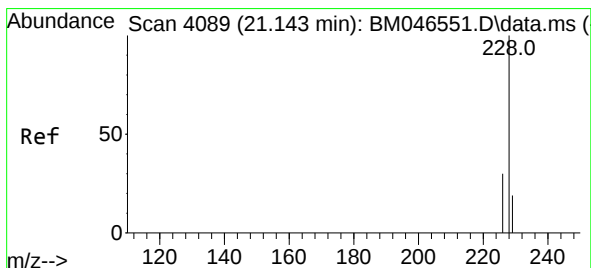
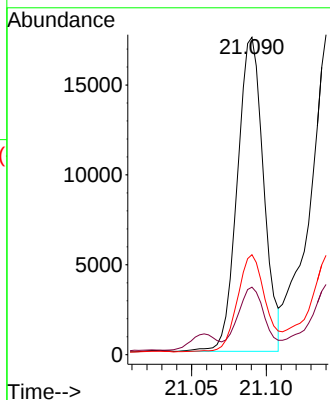
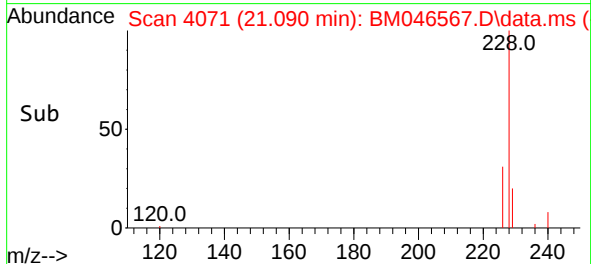
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:228 Resp: 21410
Ion Ratio Lower Upper
228 100
229 21.3 16.5 24.7
226 31.5 22.5 33.7

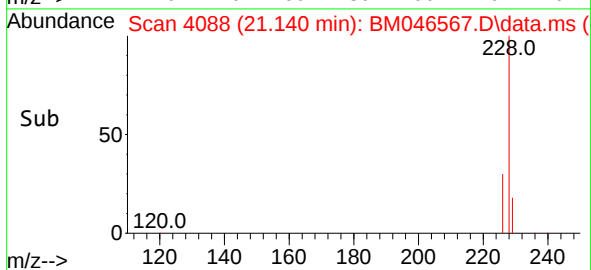
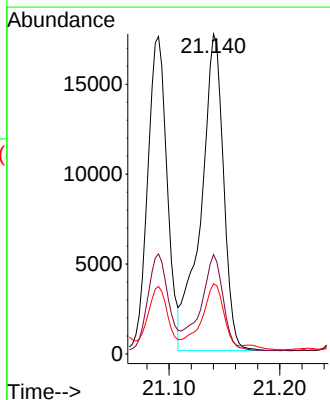
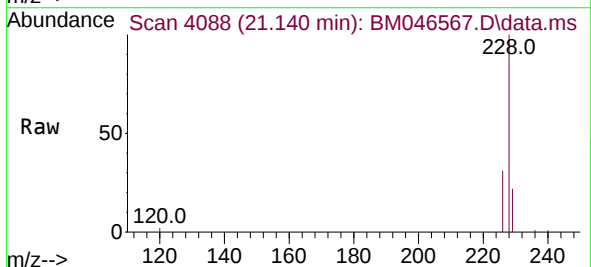
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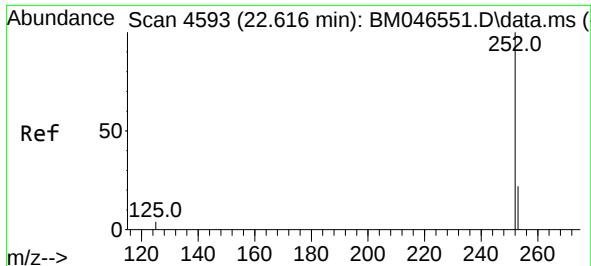
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.610 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.009 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

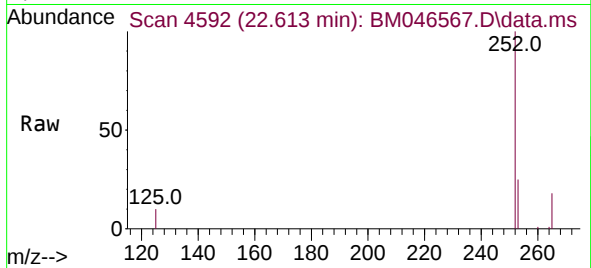
Tgt Ion:228 Resp: 24936
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.850 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. -0.009 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

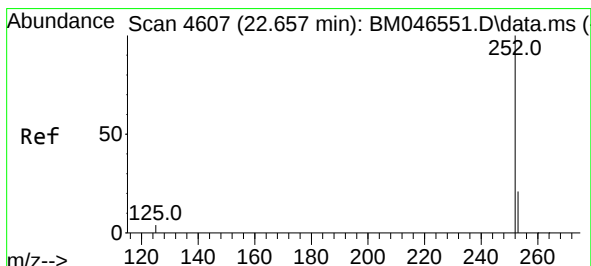
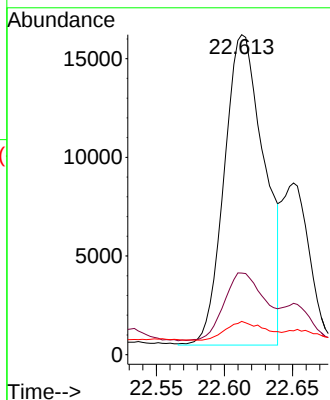
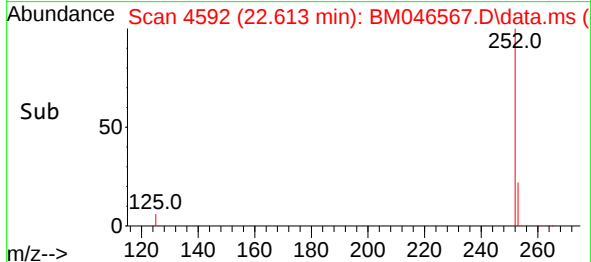
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:252 Resp: 3222
Ion Ratio Lower Upper
252 100
253 25.5 0.0 56.2
125 10.4 0.0 17.8

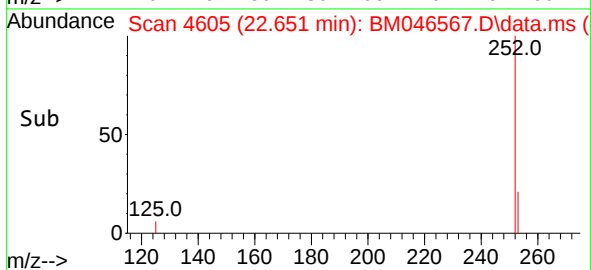
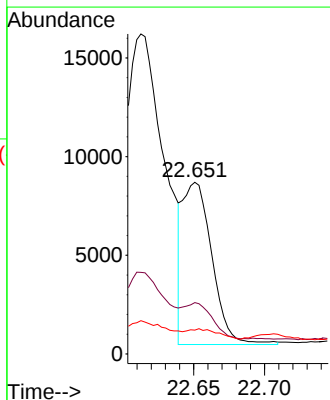
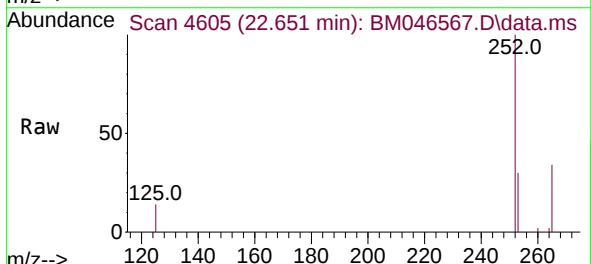
Manual Integrations
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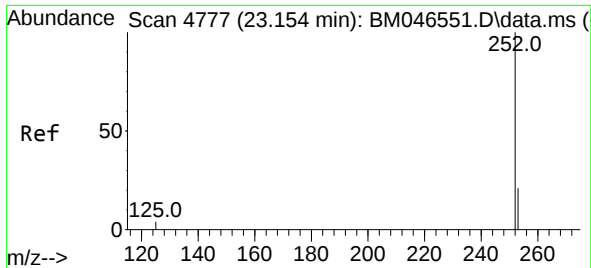
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

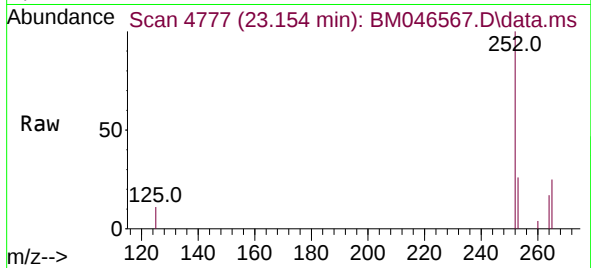
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Ion Ratio Lower Upper
252 100
253 29.9 22.4 33.6
125 13.9 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.628 ng/ul
RT: 23.154 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

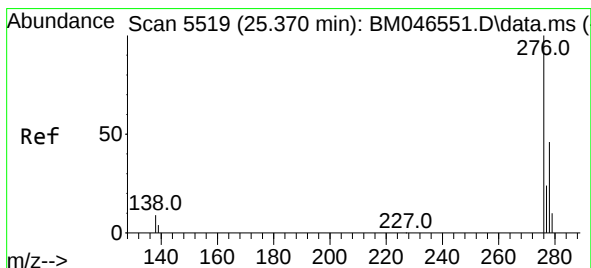
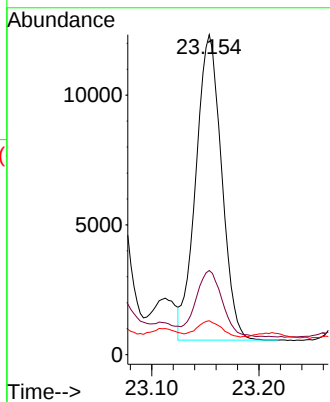
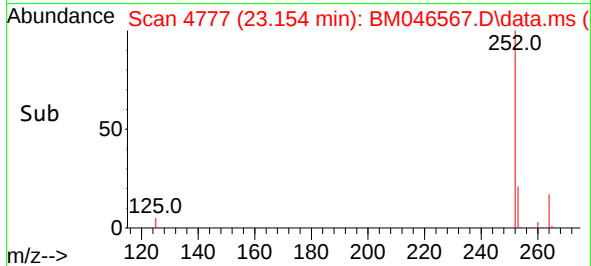
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:252 Resp: 19597
Ion Ratio Lower Upper
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253 26.3 24.0 36.0
125 10.6 8.2 12.2

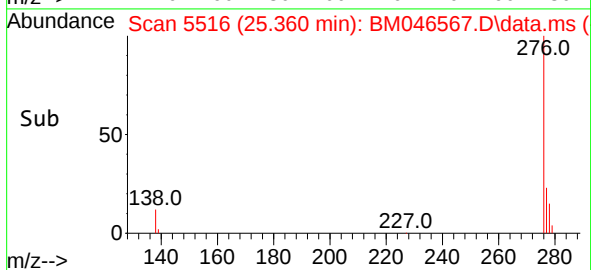
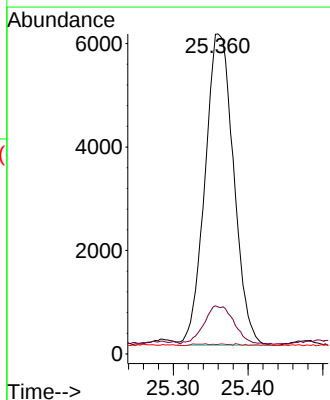
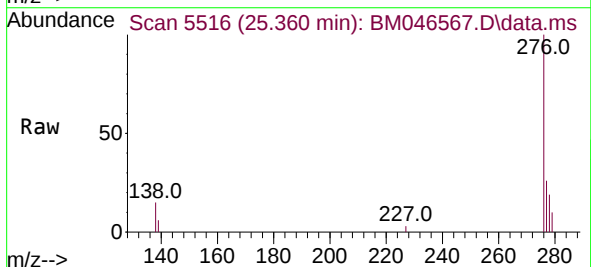
Manual Integrations
APPROVED

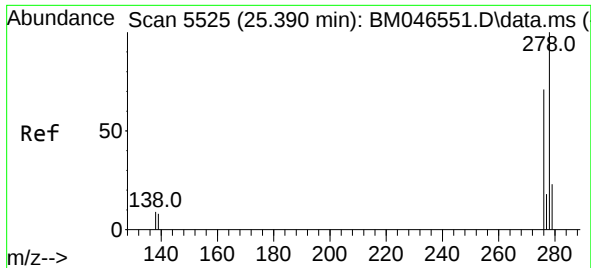
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 25.360 min Scan# 5516
Delta R.T. -0.024 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

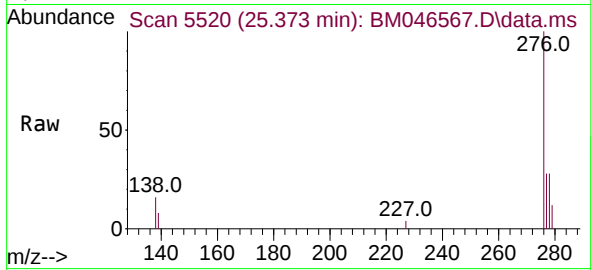
Tgt Ion:276 Resp: 16068
Ion Ratio Lower Upper
276 100
138 12.8 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 25.373 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

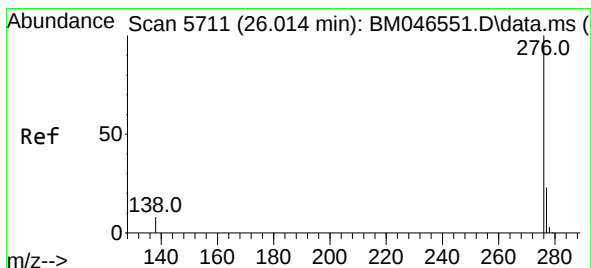
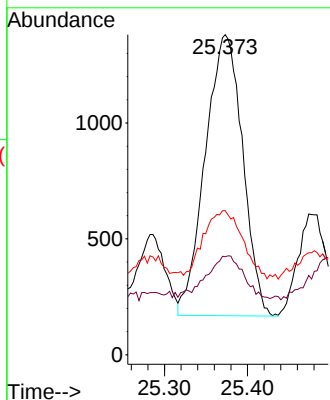
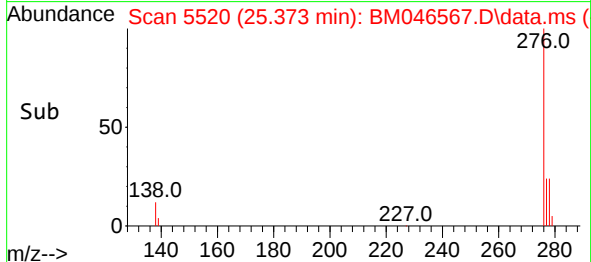
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:278 Resp: 379
Ion Ratio Lower Upper
278 100
139 30.6 9.1 13.7
279 45.0 23.2 34.8

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. -0.014 min
Lab File: BM046567.D
Acq: 13 Jul 2024 04:44

Tgt Ion:276 Resp: 15814
Ion Ratio Lower Upper
276 100
138 15.7 10.2 15.4
277 26.0 20.9 31.3

