

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046767.D
 Acq On : 23 Jul 2024 03:08
 Operator : MA/JU
 Sample : P3201-13DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 03:38:04 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 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	3308	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	8455	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.123	164	5131	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.880	188	10511	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	8682	0.400	ng/ul	0.00
23) Perylene-d12	23.218	264	9890	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1118	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	388	0.028	ng/ul	-0.02
18) Fluoranthene-d10	18.918	212	814	0.031	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.288	128	518	0.024	ng/ul#	68
10) Acenaphthylene	13.841	152	1092	0.047	ng/ul#	92
11) Acenaphthene	14.188	153	937	0.060	ng/ul	97
12) Fluorene	15.182	166	1121	0.058	ng/ul#	91
15) Phenanthrene	16.922	178	21938	0.731	ng/ul	98
16) Anthracene	17.010	178	3904	0.133	ng/ul	95
19) Fluoranthene	18.951	202	42811	1.200	ng/ul	99
20) Pyrene	19.313	202	29016	0.752	ng/ul	99
21) Benzo(a)anthracene	21.070	228	16859	0.439	ng/ul	99
22) Chrysene	21.122	228	18868	0.508	ng/ul	98
24) Benzo(b)fluoranthene	22.589	252	26197m	0.663	ng/ul	
25) Benzo(k)fluoranthene	22.624	252	10897m	0.281	ng/ul	
26) Benzo(a)pyrene	23.124	252	9647	0.297	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.326	276	10520	0.213	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.336	278	3425	0.087	ng/ul#	69
29) Benzo(g,h,i)perylene	25.967	276	1663	0.042	ng/ul#	61

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

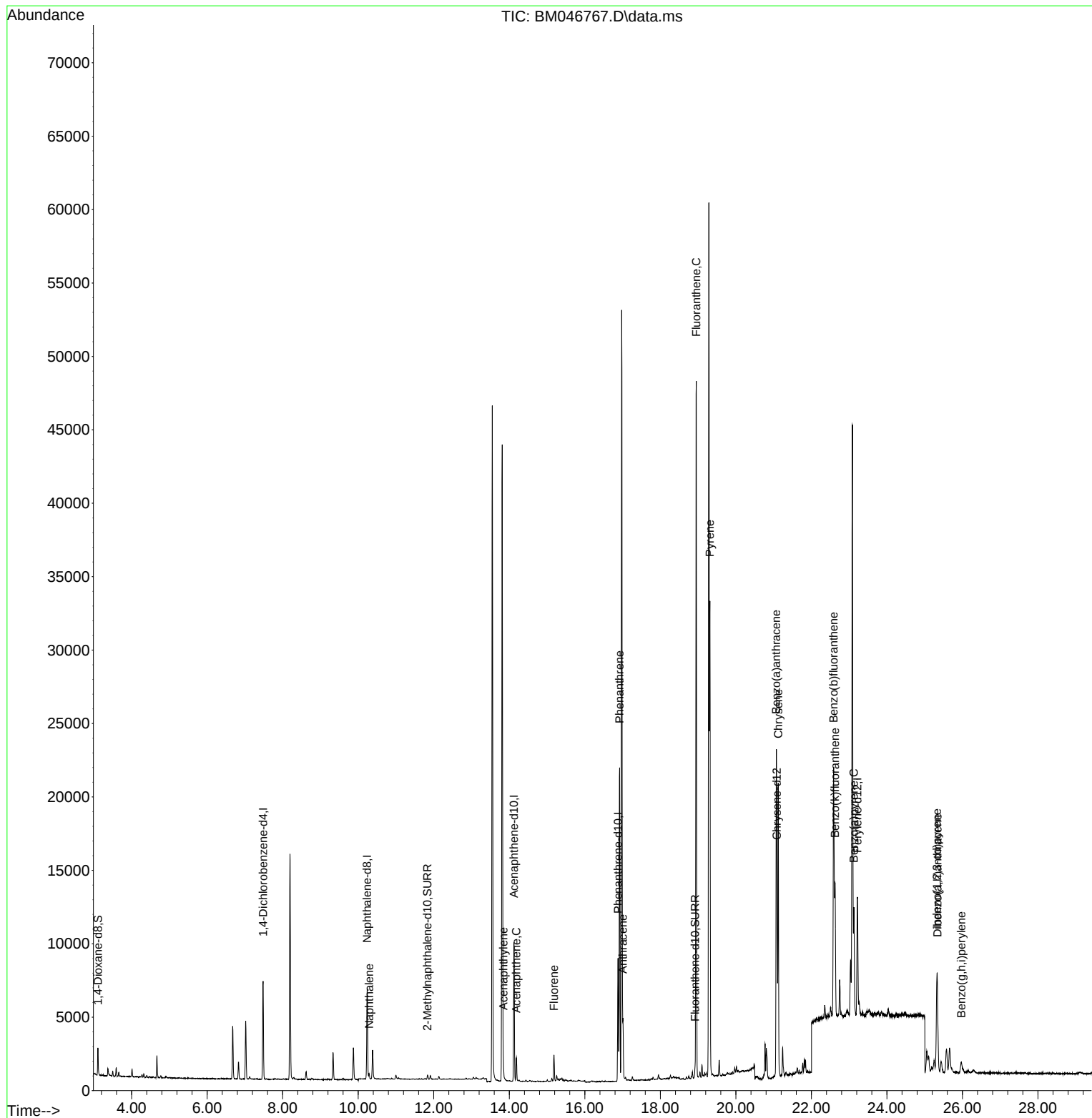
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046767.D
Acq On : 23 Jul 2024 03:08
Operator : MA/JU
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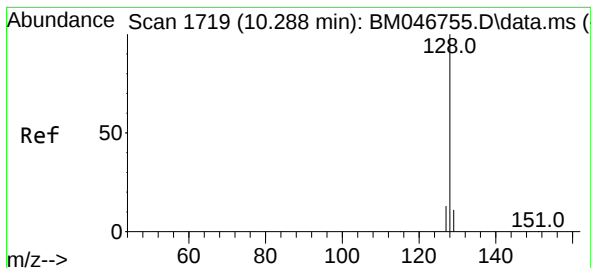
Instrument :
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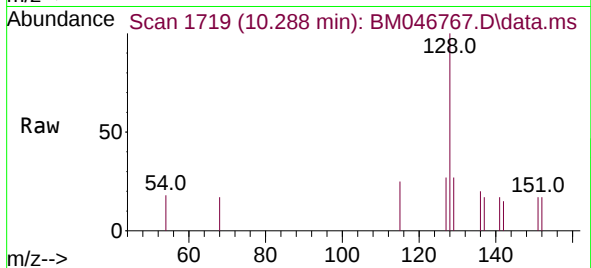
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

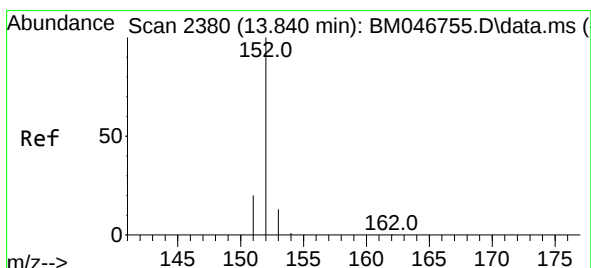
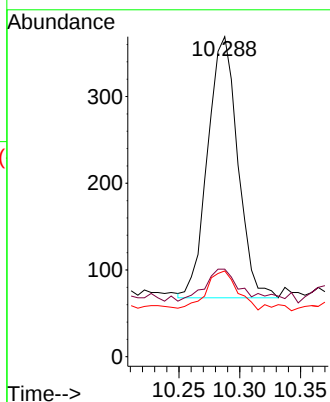
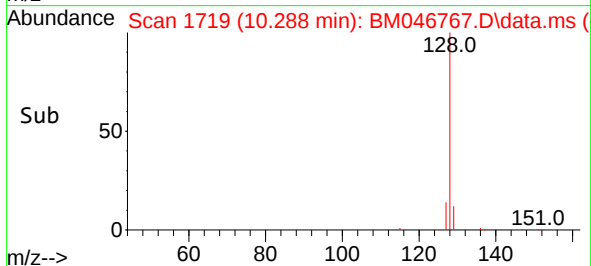
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



Tgt Ion:128 Resp: 518
Ion Ratio Lower Upper
128 100
129 27.4 10.3 15.5
127 26.8 12.2 18.4

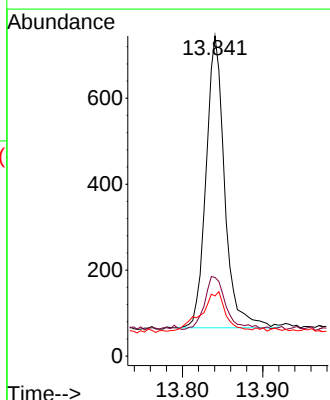
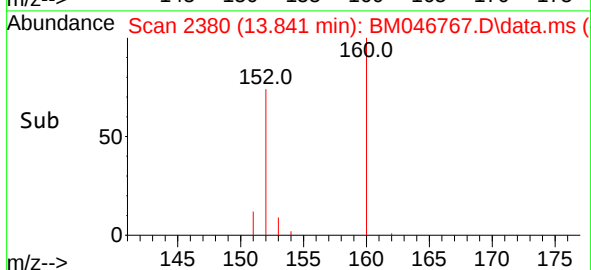
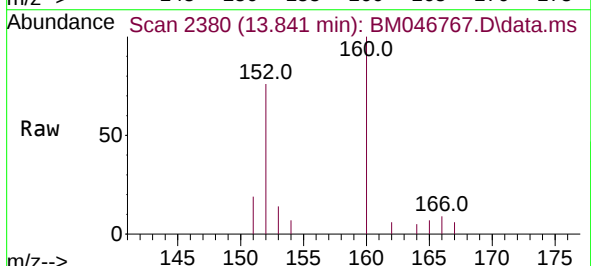
Manual Integrations
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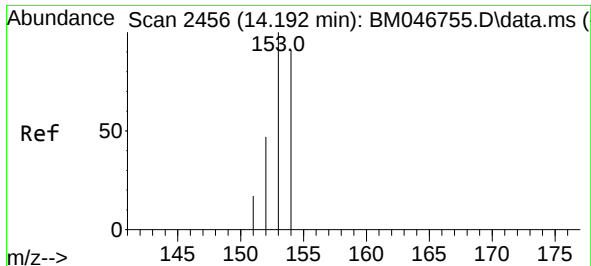
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.841 min Scan# 2380
Delta R.T. -0.008 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

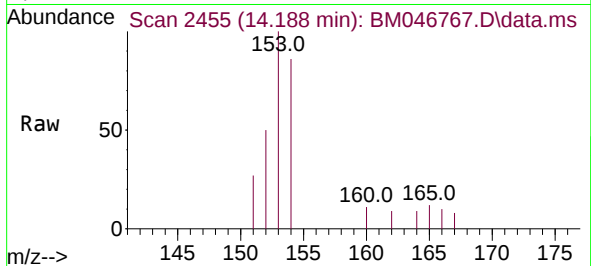
Tgt Ion:152 Resp: 1092
Ion Ratio Lower Upper
152 100
151 24.6 16.4 24.6
153 18.8 12.4 18.6





#11
Acenaphthene
Concen: 0.060 ng/u1
RT: 14.188 min Scan# 2456
Delta R.T. -0.008 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

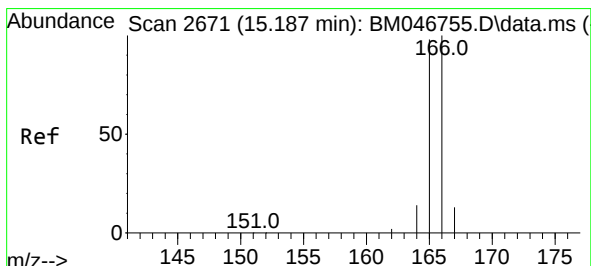
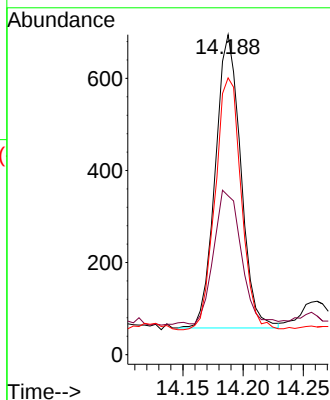
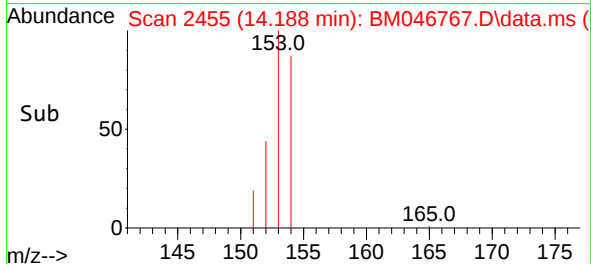
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



Tgt Ion:153 Resp: 937
Ion Ratio Lower Upper
153 100
152 49.6 43.0 64.6
154 86.5 69.9 104.9

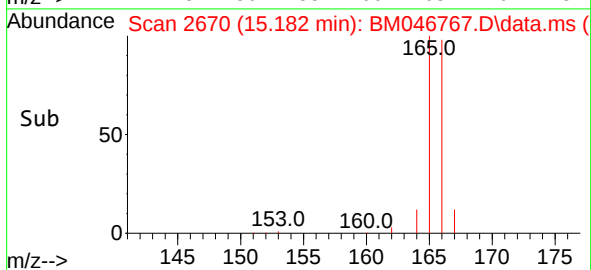
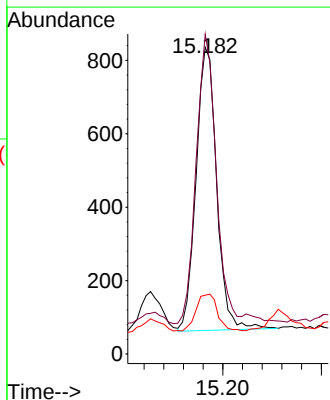
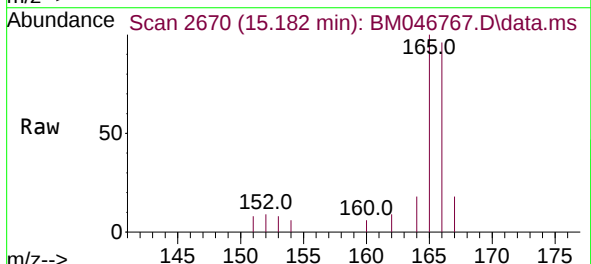
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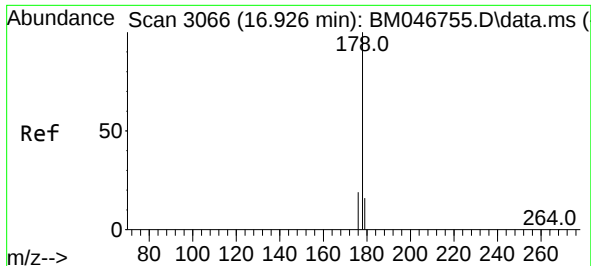
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

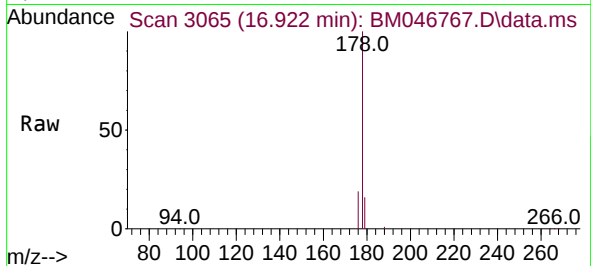
Tgt Ion:166 Resp: 1121
Ion Ratio Lower Upper
166 100
165 104.3 76.1 114.1
167 19.1 12.5 18.7#





#15
Phenanthrene
Concen: 0.731 ng/u1
RT: 16.922 min Scan# 3066
Delta R.T. -0.003 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

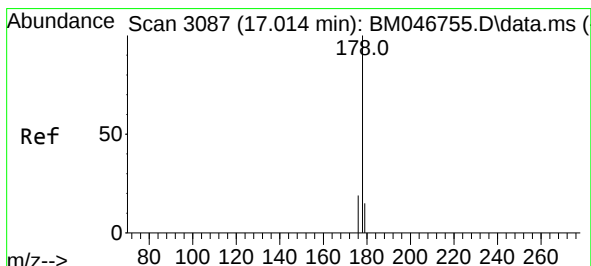
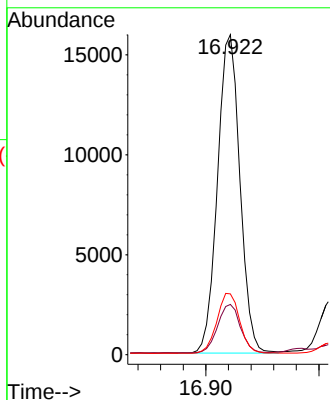
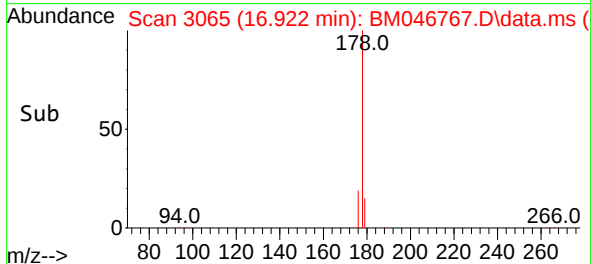
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



Tgt Ion:178 Resp: 21938
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.0 16.0 24.0

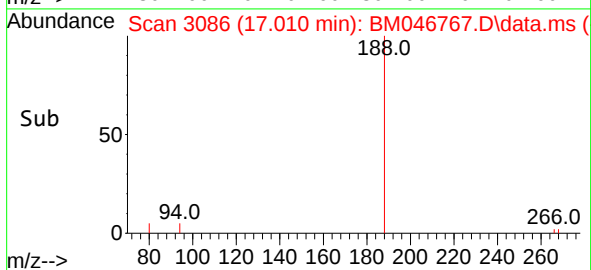
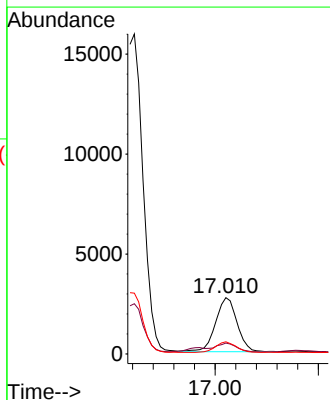
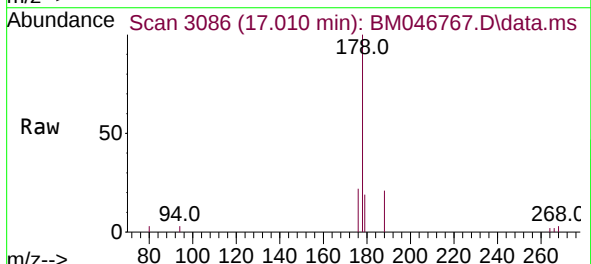
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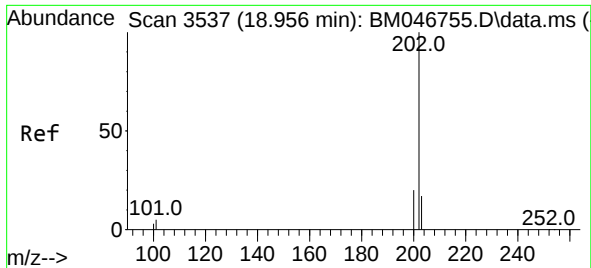
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 0.133 ng/u1
RT: 17.010 min Scan# 3086
Delta R.T. -0.007 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

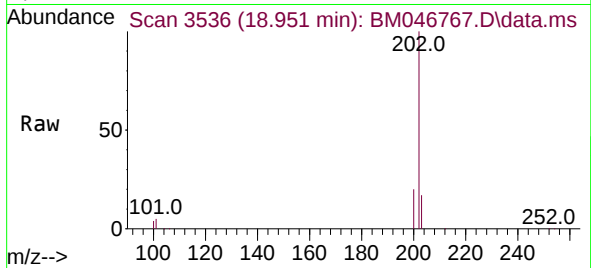
Tgt Ion:178 Resp: 3904
Ion Ratio Lower Upper
178 100
179 19.2 13.5 20.3
176 21.5 15.7 23.5





#19
Fluoranthene
Concen: 1.200 ng/ul
RT: 18.951 min Scan# 3537
Delta R.T. -0.003 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

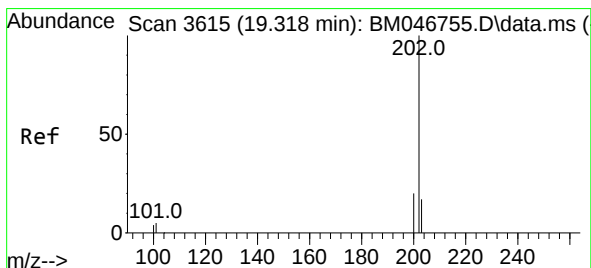
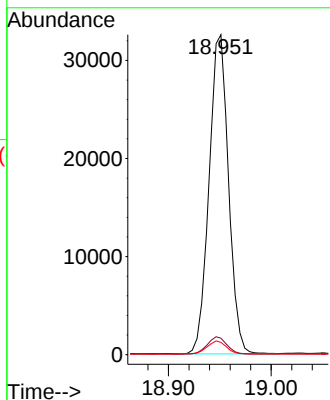
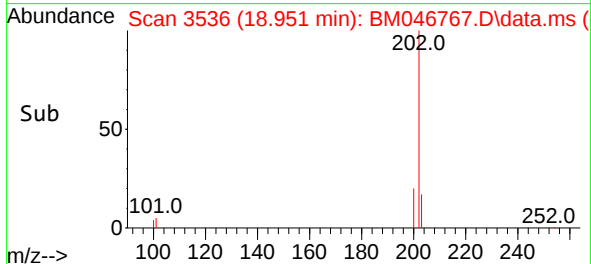
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



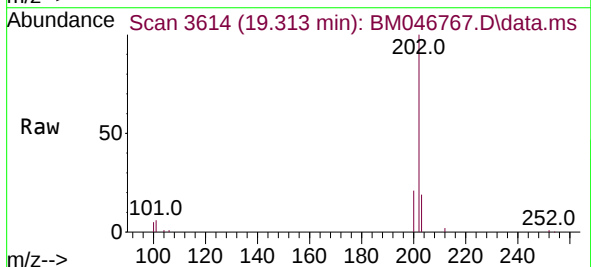
Tgt Ion:202 Resp: 4281
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.8 3.0 4.6

Manual Integrations
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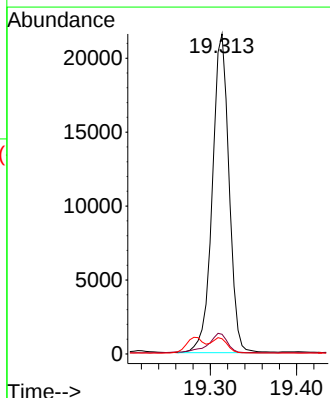
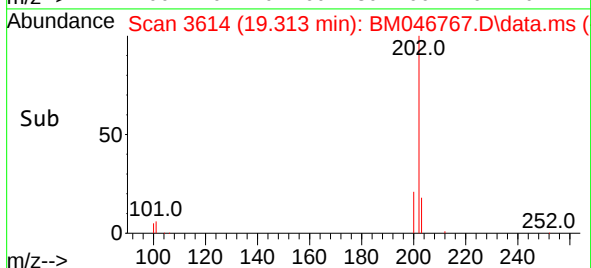
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

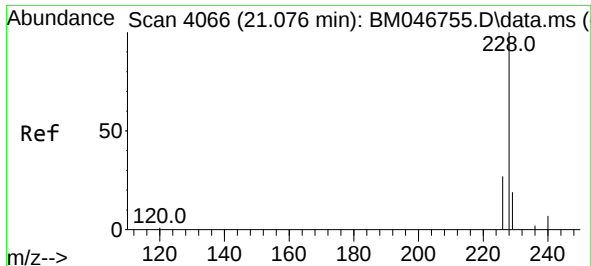


#20
Pyrene
Concen: 0.752 ng/ul
RT: 19.313 min Scan# 3614
Delta R.T. -0.008 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08



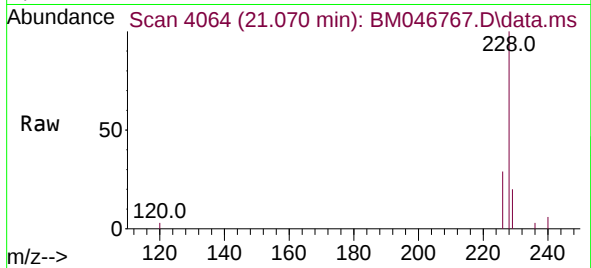
Tgt Ion:202 Resp: 29016
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.070 min Scan# 4066
Delta R.T. -0.009 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

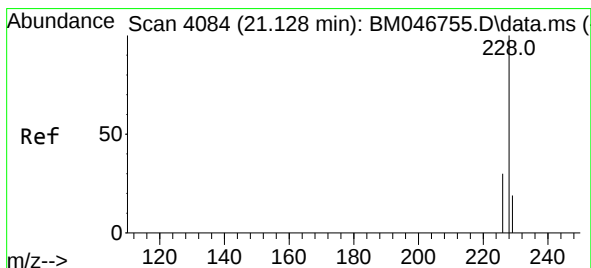
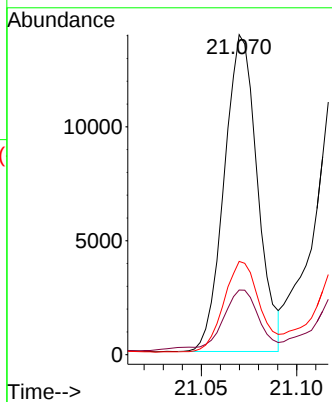
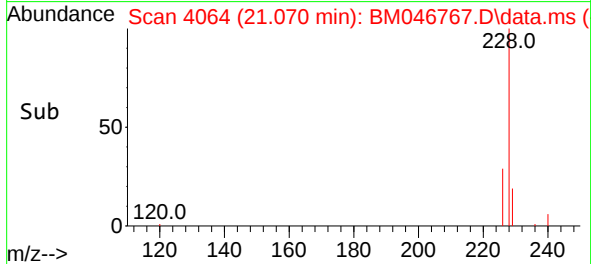
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



Tgt Ion:228 Resp: 16859
Ion Ratio Lower Upper
228 100
229 20.2 16.5 24.7
226 29.1 22.5 33.7

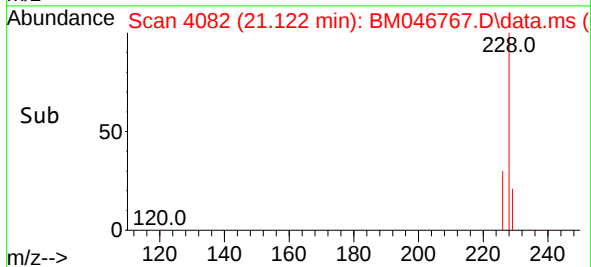
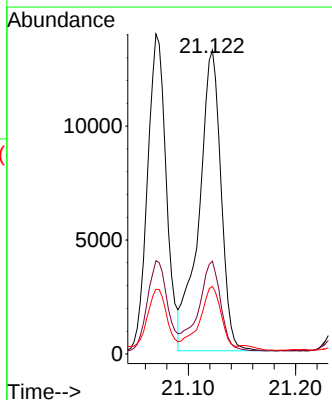
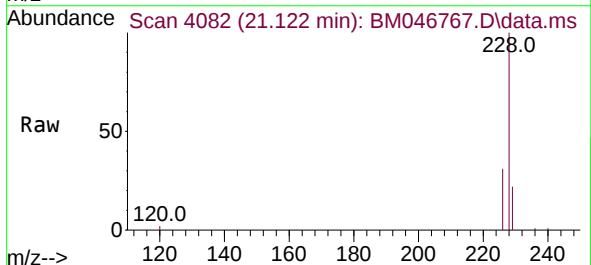
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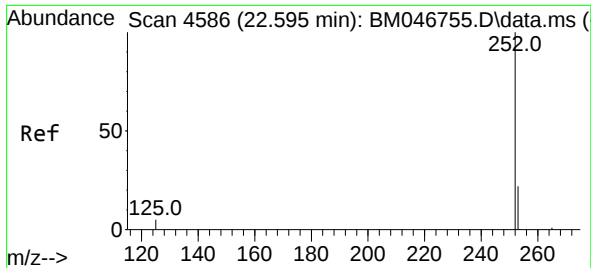
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 0.508 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

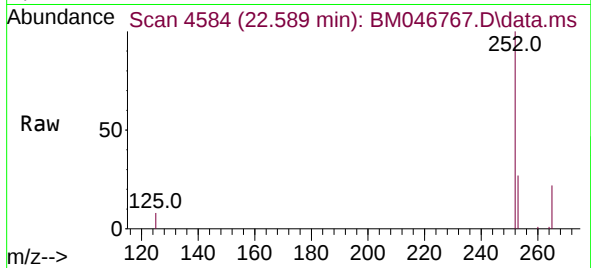
Tgt Ion:228 Resp: 18868
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.663 ng/ul m
RT: 22.589 min Scan# 4584
Delta R.T. -0.009 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

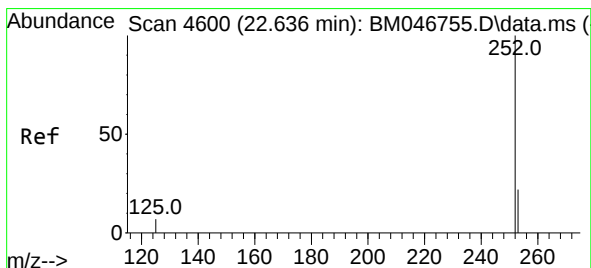
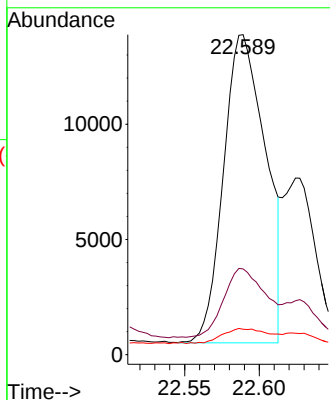
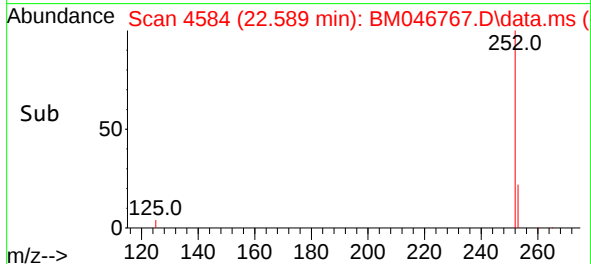
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



Tgt Ion:252 Resp: 2619
Ion Ratio Lower Upper
252 100
253 26.8 0.0 56.2
125 7.9 0.0 17.8

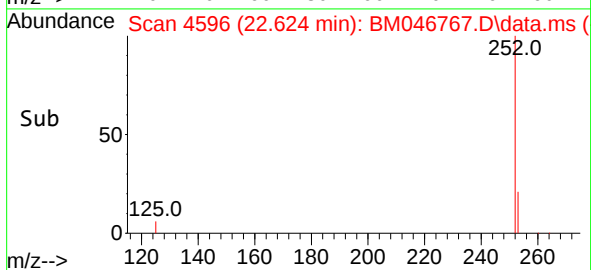
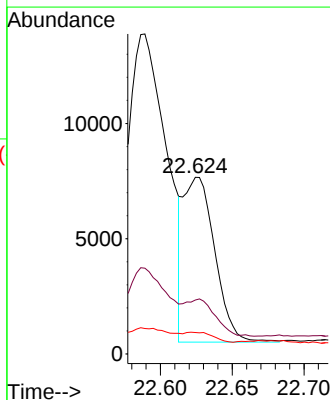
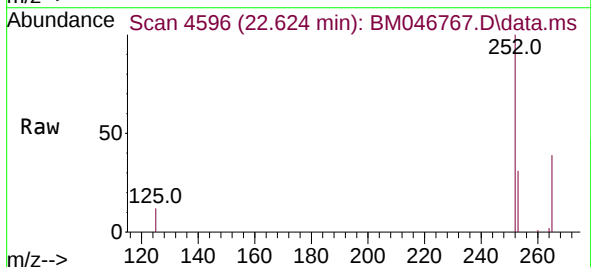
Manual Integrations
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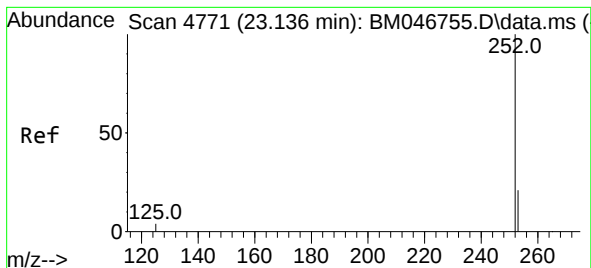
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 0.281 ng/ul m
RT: 22.624 min Scan# 4596
Delta R.T. -0.015 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

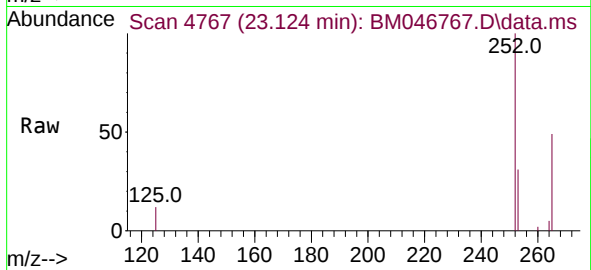
Tgt Ion:252 Resp: 10897
Ion Ratio Lower Upper
252 100
253 30.6 22.4 33.6
125 12.2 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.124 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

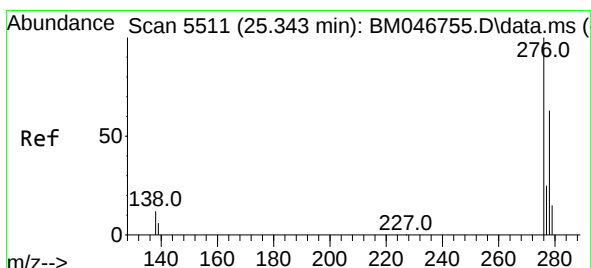
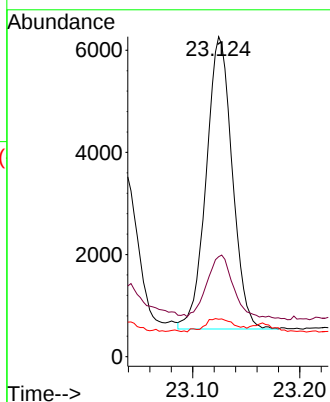
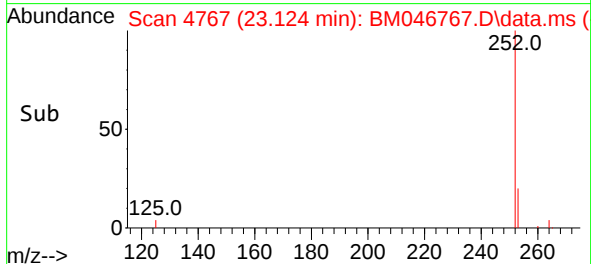
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



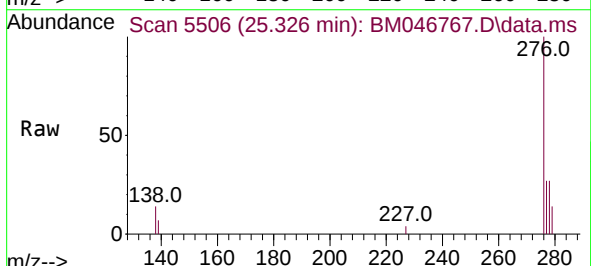
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Ion Ratio Lower Upper
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253 31.2 24.0 36.0
125 11.7 8.2 12.2

Manual Integrations
APPROVED

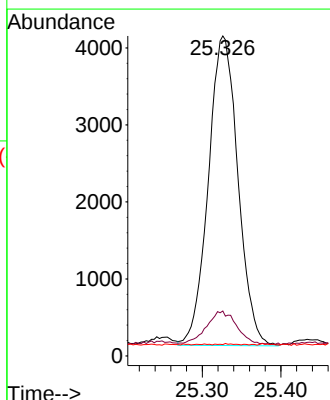
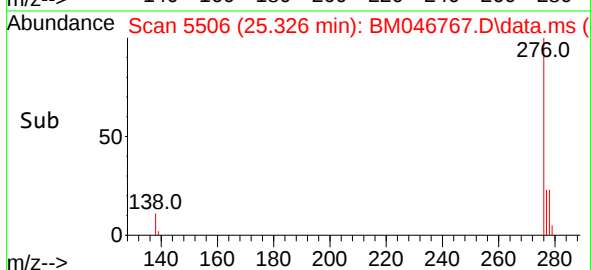
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

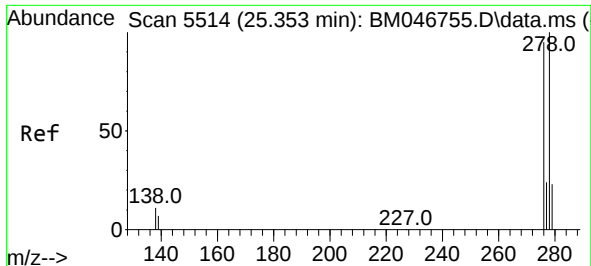


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 25.326 min Scan# 5506
Delta R.T. -0.021 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08



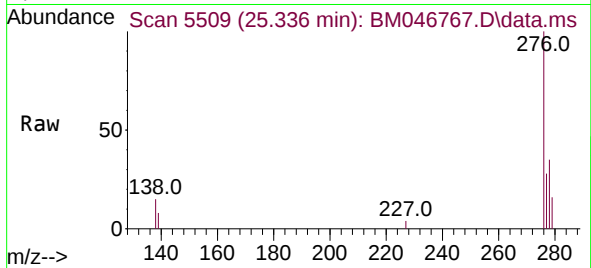
Tgt Ion:276 Resp: 10520
Ion Ratio Lower Upper
276 100
138 10.9 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 25.336 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

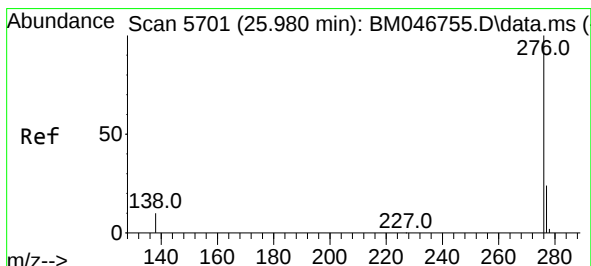
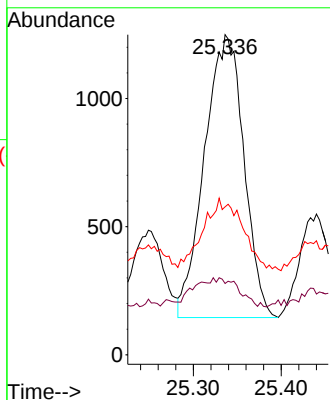
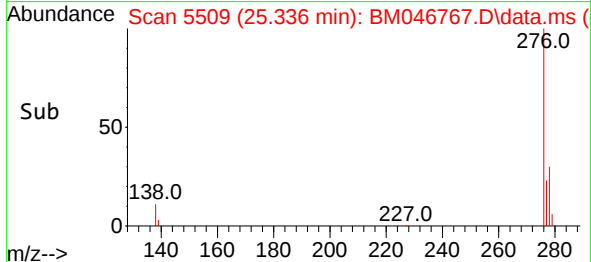
Instrument :
BNA_M
ClientSampleId :
A4CH7DL



Tgt Ion:278 Resp: 342
Ion Ratio Lower Upper
278 100
139 22.3 9.1 13.7
279 46.2 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.017 min
Lab File: BM046767.D
Acq: 23 Jul 2024 03:08

Tgt Ion:276 Resp: 1663
Ion Ratio Lower Upper
276 100
138 31.0 10.2 15.4#
277 44.3 20.9 31.3#

