

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046275.D
 Acq On : 25 Jun 2024 05:02
 Operator : MA/JU
 Sample : P2776-13DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 05:42:14 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	7.413	152	2467	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.220	136	6918	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.066	164	4079	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.811	188	7781	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	6351	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	7308m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2122	0.627	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.859	152	444	0.048	ng/ul	0.00
18) Fluoranthene-d10	18.838	212	943	0.050	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	579	0.030	ng/ul#	41
10) Acenaphthylene	13.788	152	1397	0.072	ng/ul#	82
11) Acenaphthene	14.126	153	902	0.065	ng/ul	93
12) Fluorene	15.125	166	1039	0.069	ng/ul#	97
15) Phenanthrene	16.853	178	21500	0.983	ng/ul	97
16) Anthracene	16.946	178	4417	0.271	ng/ul#	95
19) Fluoranthene	18.866	202	49046	1.784	ng/ul	98
20) Pyrene	19.229	202	35023	1.178	ng/ul	98
21) Benzo(a)anthracene	20.991	228	20175	0.822	ng/ul	97
22) Chrysene	21.041	228	20451	0.653	ng/ul	99
24) Benzo(b)fluoranthene	22.482	252	31652m	1.202	ng/ul	
25) Benzo(k)fluoranthene	22.514	252	13119m	0.419	ng/ul	
26) Benzo(a)pyrene	23.002	252	10930	0.448	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.145	276	11447	0.287	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.145	278	3526	0.119	ng/ul#	82
29) Benzo(g,h,i)perylene	25.766	276	1786	0.052	ng/ul#	65

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

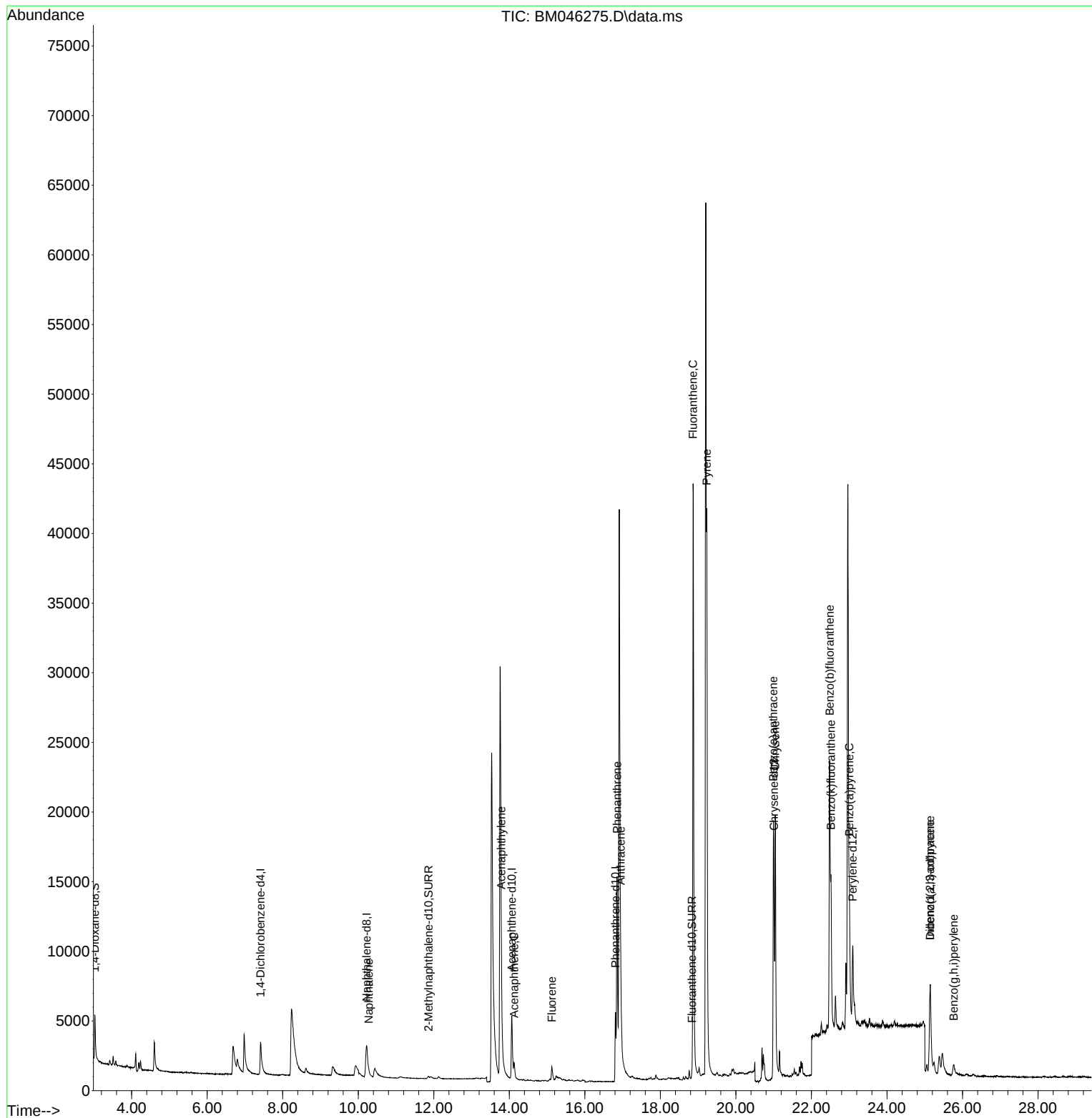
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046275.D
Acq On : 25 Jun 2024 05:02
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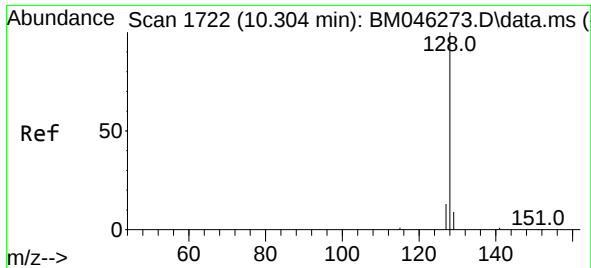
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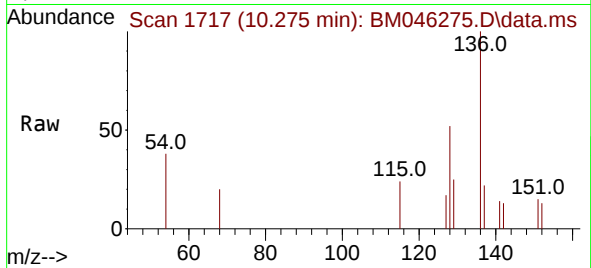
Quant Time: Jun 25 05:42:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/u1
RT: 10.275 min Scan# 11
Delta R.T. -0.027 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

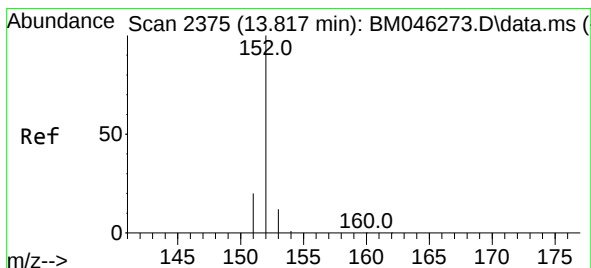
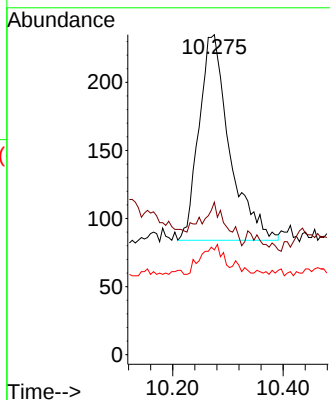
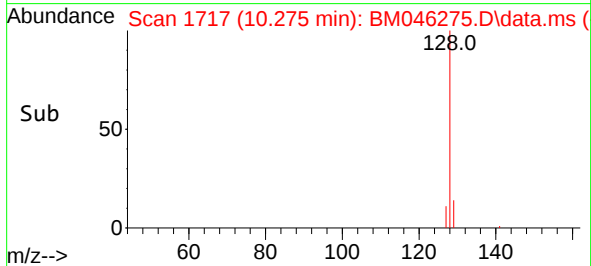
Instrument :
BNA_M
ClientSampleId :
A4CA8DL



Tgt Ion:128 Resp: 579
Ion Ratio Lower Upper
128 100
129 47.7 11.8 17.6#
127 32.8 12.8 19.2#

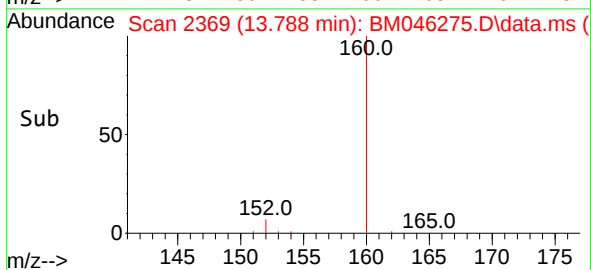
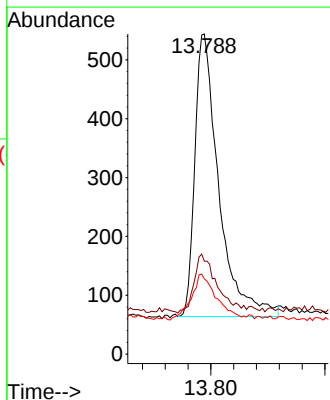
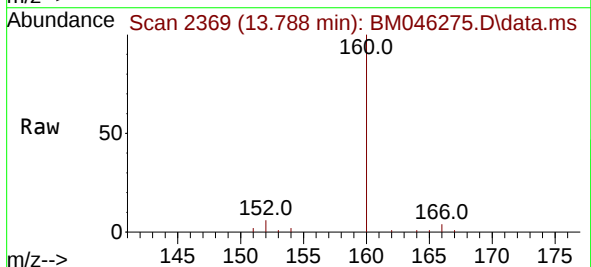
Manual Integrations
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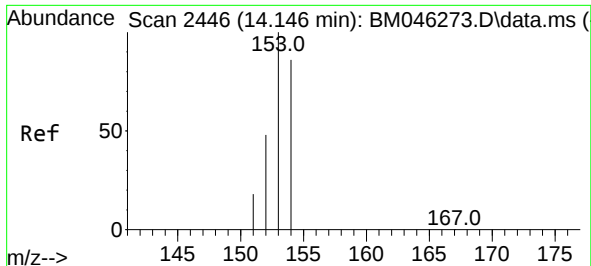
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

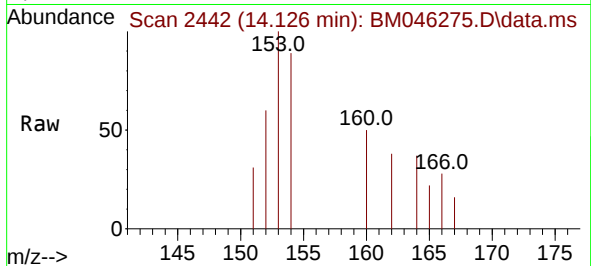
Tgt Ion:152 Resp: 1397
Ion Ratio Lower Upper
152 100
151 29.0 17.4 26.2#
153 23.5 11.8 17.8#





#11
Acenaphthene
Concen: 0.065 ng/u1
RT: 14.126 min Scan# 2442
Delta R.T. -0.046 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

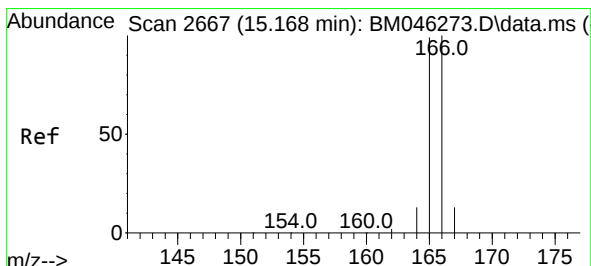
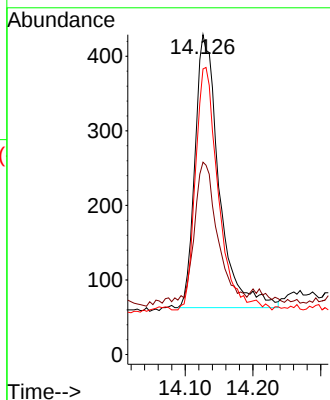
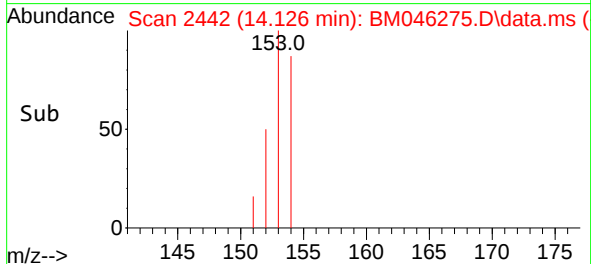
Instrument :
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A4CA8DL



Tgt Ion:153 Resp: 902
Ion Ratio Lower Upper
153 100
152 60.1 41.3 61.9
154 89.3 68.2 102.4

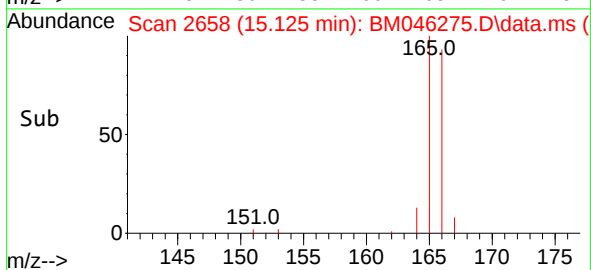
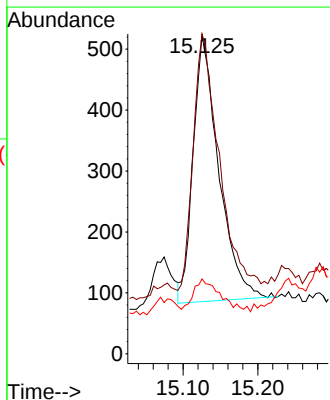
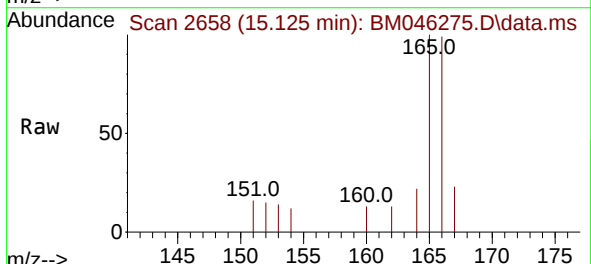
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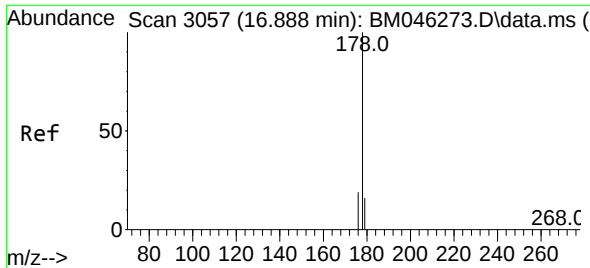
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.069 ng/u1
RT: 15.125 min Scan# 2658
Delta R.T. -0.055 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

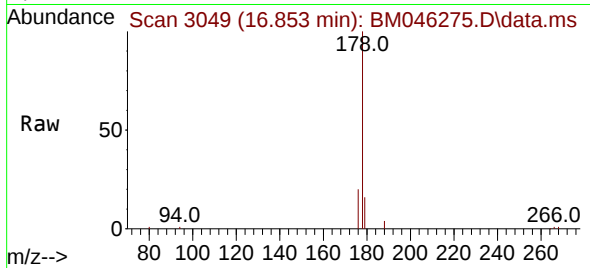
Tgt Ion:166 Resp: 1039
Ion Ratio Lower Upper
166 100
165 100.6 80.4 120.6
167 23.6 12.4 18.6#





#15
Phenanthrene
Concen: 0.983 ng/u1
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

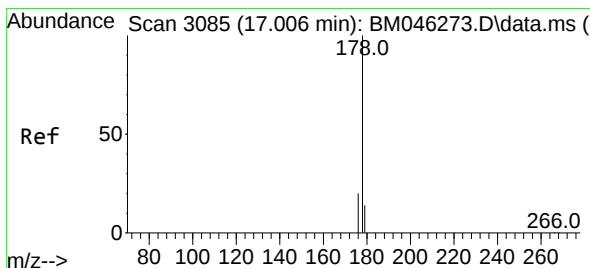
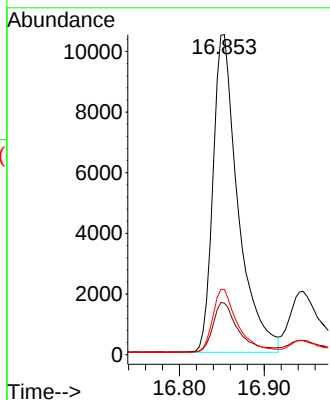
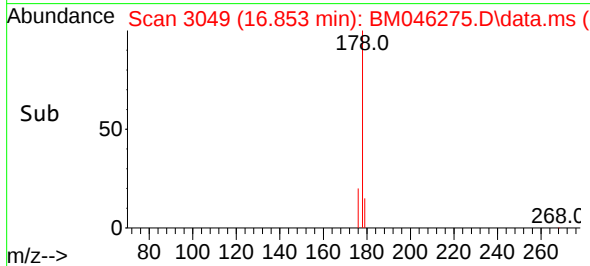
Instrument :
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ClientSampleId :
A4CA8DL



Tgt Ion:178 Resp: 21500
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.2
176 20.4 17.1 25.7

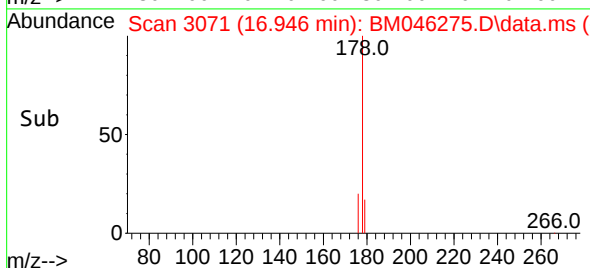
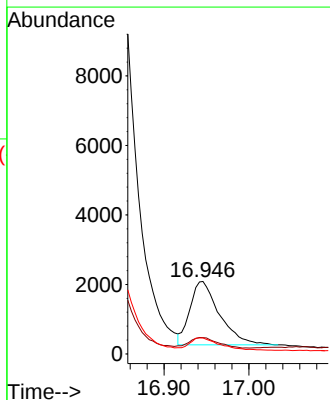
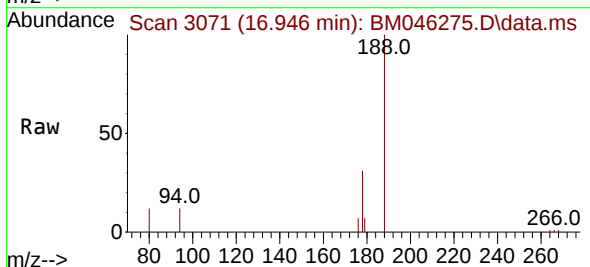
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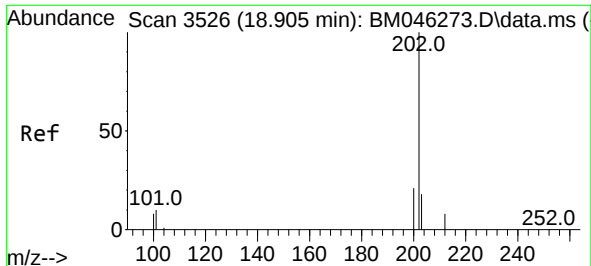
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.271 ng/u1
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

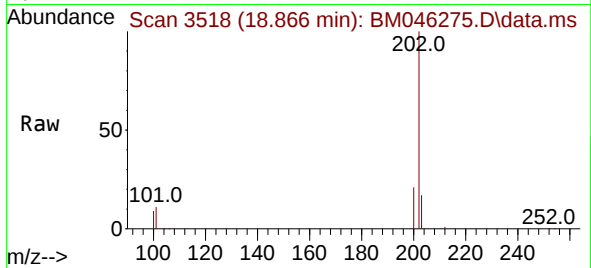
Tgt Ion:178 Resp: 4417
Ion Ratio Lower Upper
178 100
179 22.6 14.9 22.3#
176 22.1 17.0 25.4





#19
Fluoranthene
Concen: 1.784 ng/ul
RT: 18.866 min Scan# 3518
Delta R.T. -0.051 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

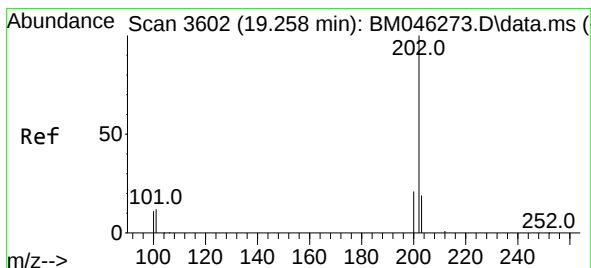
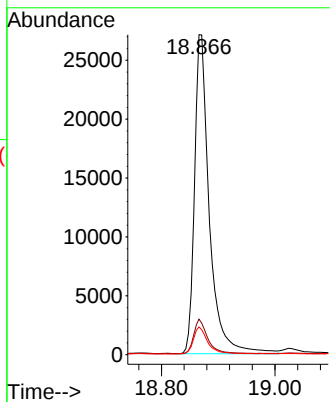
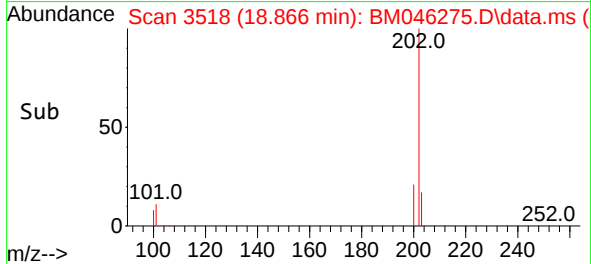
Instrument :
BNA_M
ClientSampleId :
A4CA8DL



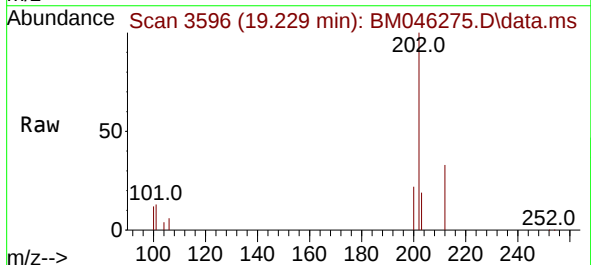
Tgt Ion:202 Resp: 4904
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 8.6 7.6 11.4

Manual Integrations
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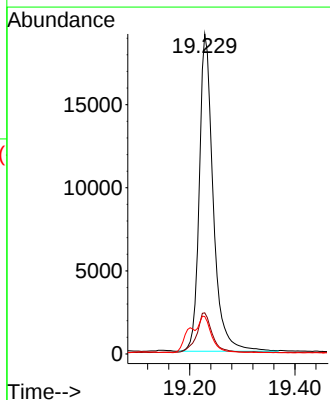
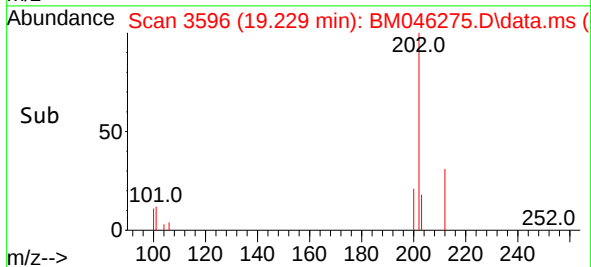
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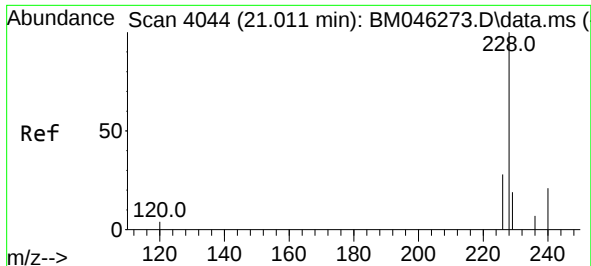


#20
Pyrene
Concen: 1.178 ng/ul
RT: 19.229 min Scan# 3596
Delta R.T. -0.046 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02



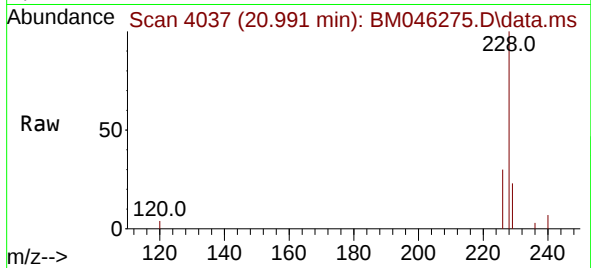
Tgt Ion:202 Resp: 35023
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.822 ng/u1
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

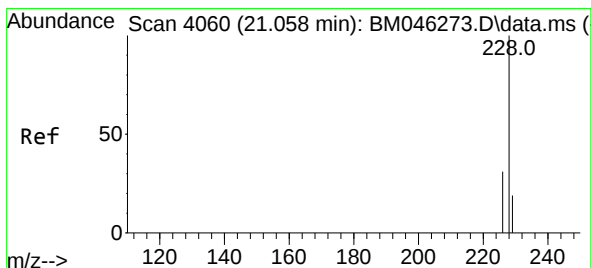
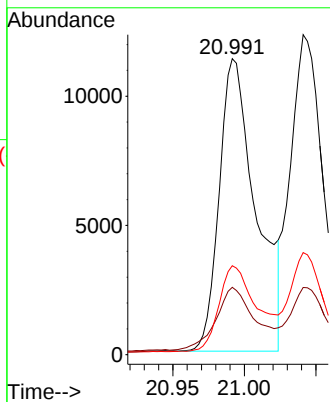
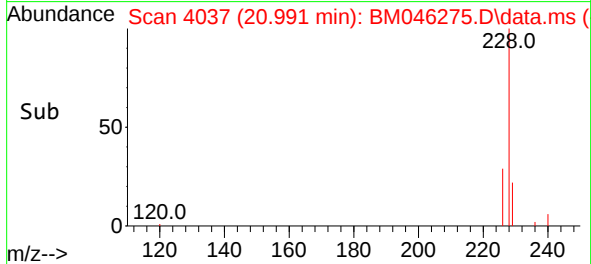
Instrument :
BNA_M
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A4CA8DL



Tgt Ion:228 Resp: 2017
Ion Ratio Lower Upper
228 100
229 22.8 16.4 24.6
226 30.0 23.4 35.2

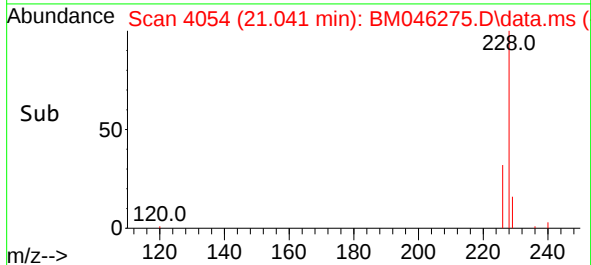
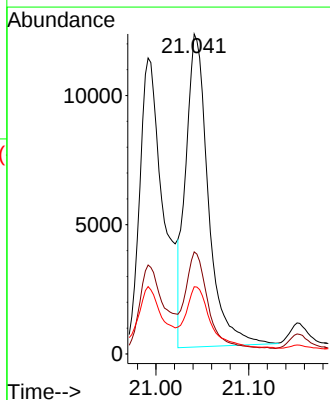
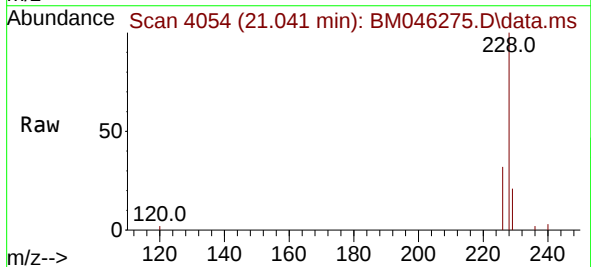
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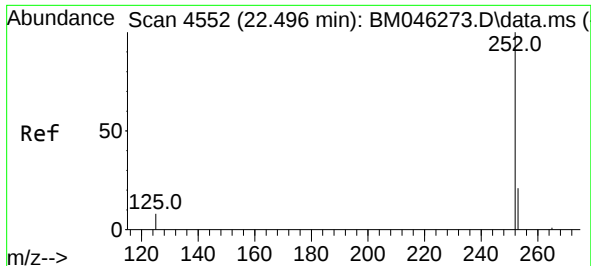
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.653 ng/u1
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

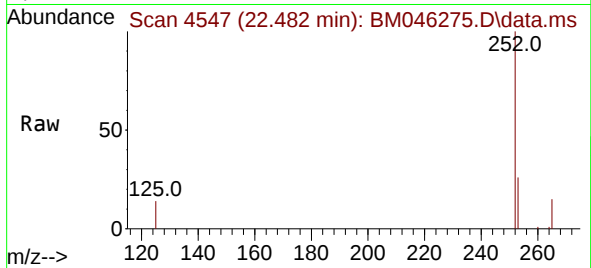
Tgt Ion:228 Resp: 20451
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 21.0 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.202 ng/ul m
RT: 22.482 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

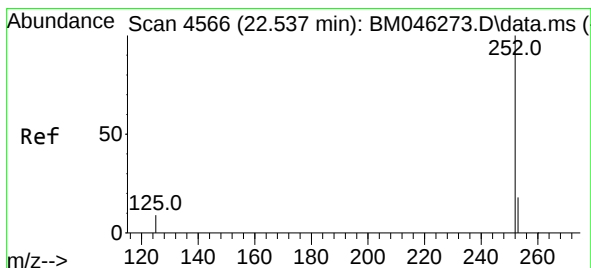
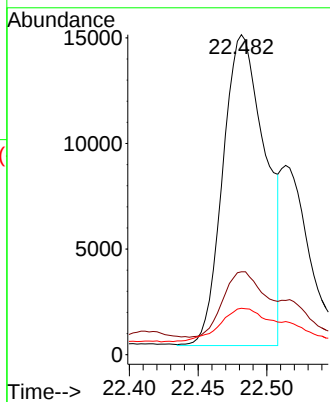
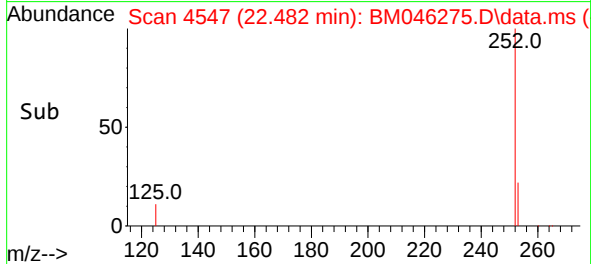
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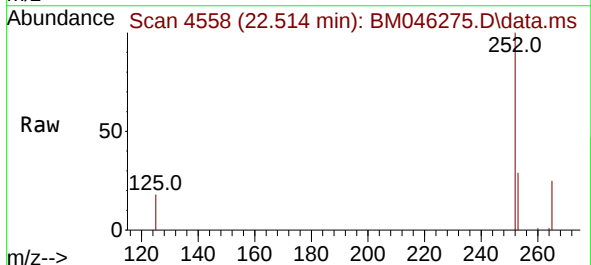
Tgt Ion:252 Resp: 31652
Ion Ratio Lower Upper
252 100
253 25.9 0.0 65.8
125 14.5 0.0 40.2

Manual Integrations
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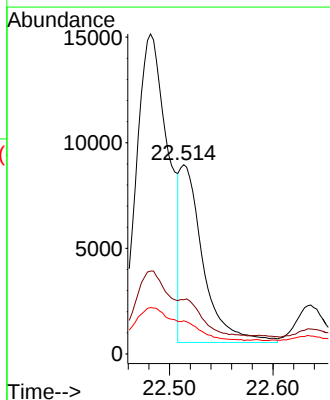
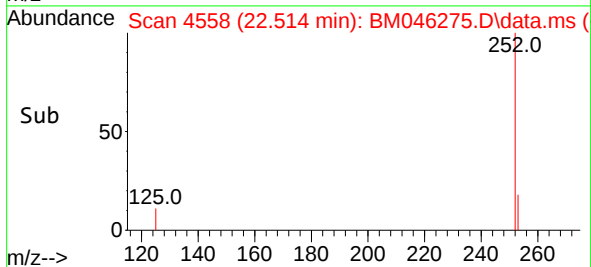
Reviewed By :Yogesh Patel 06/25/2024
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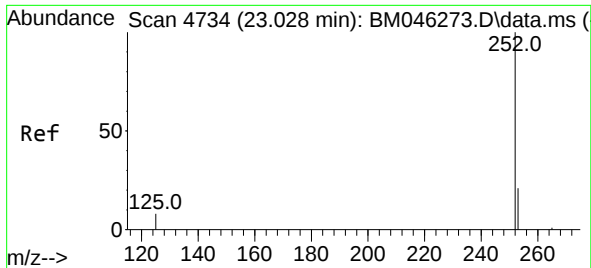


#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul m
RT: 22.514 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02



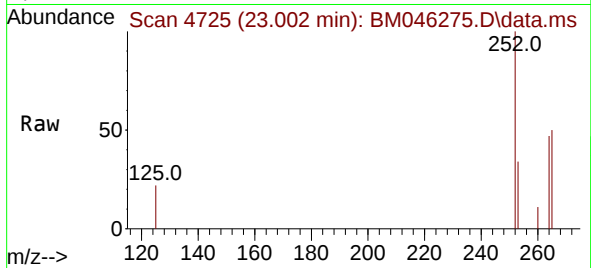
Tgt Ion:252 Resp: 13119
Ion Ratio Lower Upper
252 100
253 28.6 27.2 40.8
125 17.5 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.448 ng/u1
RT: 23.002 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

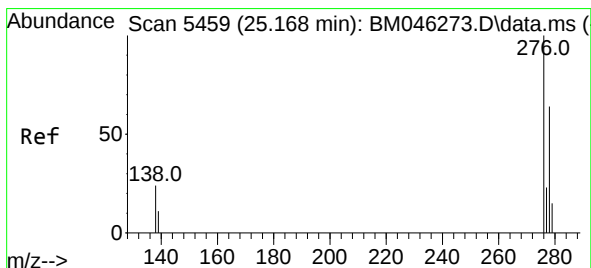
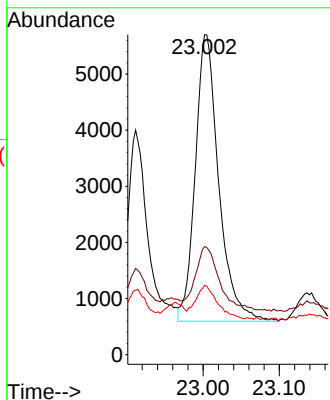
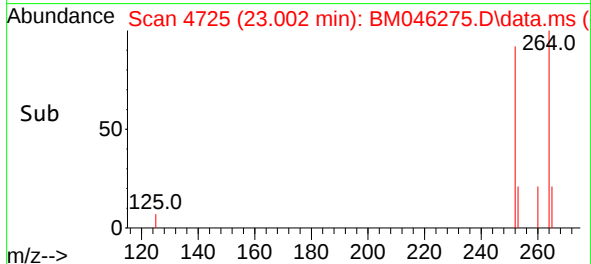
Instrument :
BNA_M
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A4CA8DL



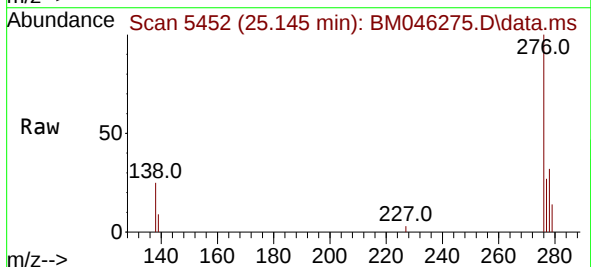
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Ion Ratio Lower Upper
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253 33.8 32.1 48.1
125 21.7 21.2 31.8

Manual Integrations
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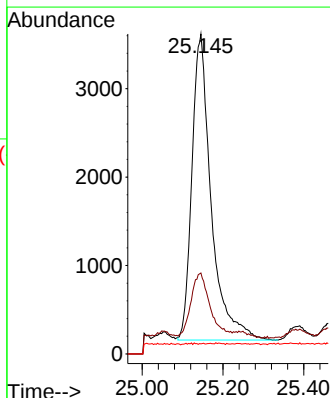
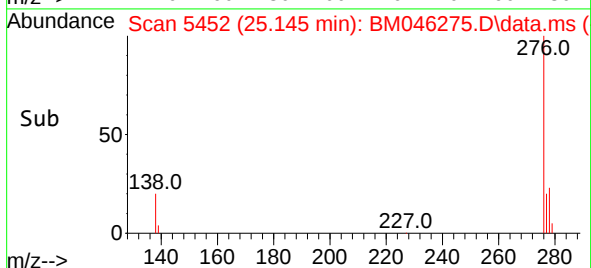
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

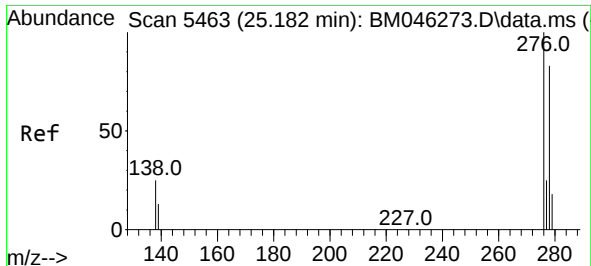


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/u1
RT: 25.145 min Scan# 5452
Delta R.T. -0.057 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02



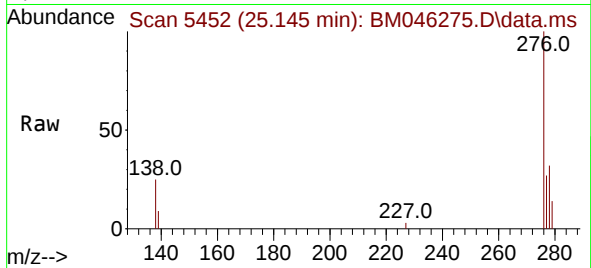
Tgt Ion:276 Resp: 11447
Ion Ratio Lower Upper
276 100
138 22.0 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.145 min Scan# 5463
Delta R.T. -0.070 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

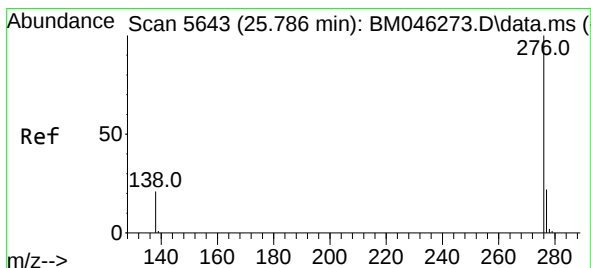
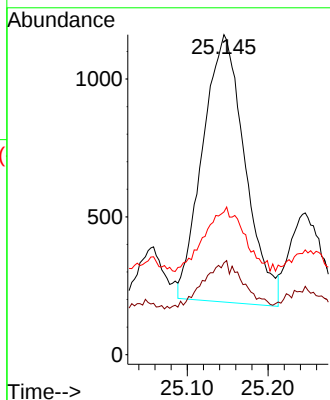
Instrument :
BNA_M
ClientSampleId :
A4CA8DL



Tgt Ion:278 Resp: 3520
Ion Ratio Lower Upper
278 100
139 28.7 17.6 26.4#
279 44.6 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046275.D
Acq: 25 Jun 2024 05:02

Tgt Ion:276 Resp: 1786
Ion Ratio Lower Upper
276 100
138 46.2 21.7 32.5#
277 42.0 20.4 30.6#

