

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046135.D
 Acq On : 20 Jun 2024 22:27
 Operator : MA/JU
 Sample : P2710-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:49:29 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2802	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	8112	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.071	164	4423	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.815	188	9215m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.018	240	7614m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	8179m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	14232	3.702	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.821	152	2739	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	5794	0.254	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.237	128	654	0.029	ng/ul#	64
10) Acenaphthylene	13.788	152	2635	0.126	ng/ul#	90
11) Acenaphthene	14.131	153	659	0.044	ng/ul	96
12) Fluorene	15.125	166	904	0.056	ng/ul#	96
15) Phenanthrene	16.853	178	16092m	0.622	ng/ul	
16) Anthracene	16.946	178	3527m	0.183	ng/ul	
19) Fluoranthene	18.880	202	36609	1.110	ng/ul	97
20) Pyrene	19.243	202	33647	0.944	ng/ul	97
21) Benzo(a)anthracene	21.000	228	18632	0.634	ng/ul	95
22) Chrysene	21.053	228	17808	0.474	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252	27507m	0.933	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	10278m	0.293	ng/ul	
26) Benzo(a)pyrene	23.016	252	18207	0.667	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.162	276	15793	0.353	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.162	278	3436	0.103	ng/ul#	52
29) Benzo(g,h,i)perylene	25.786	276	16038	0.419	ng/ul	96

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

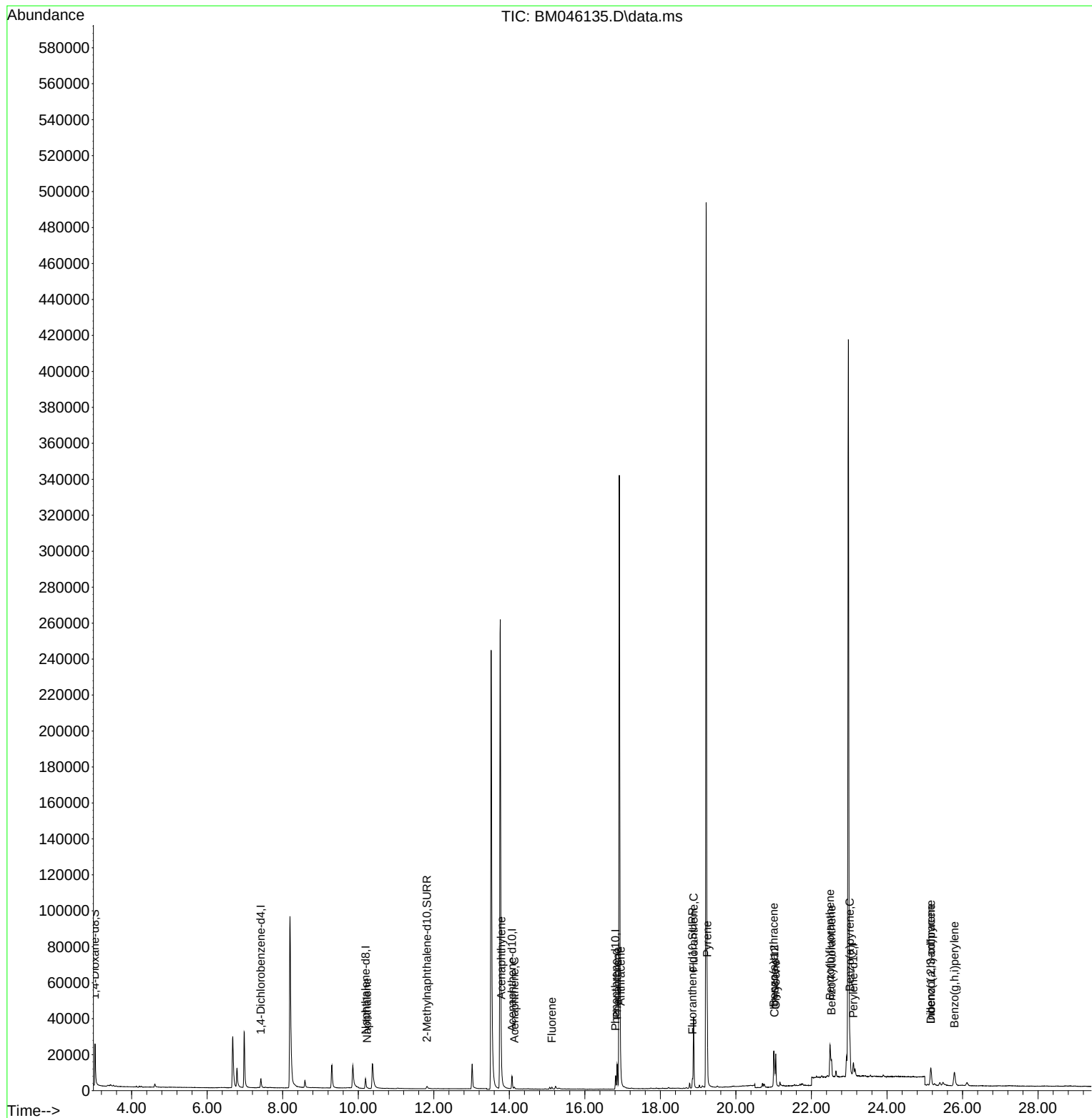
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046135.D
Acq On : 20 Jun 2024 22:27
Operator : MA/JU
Sample : P2710-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

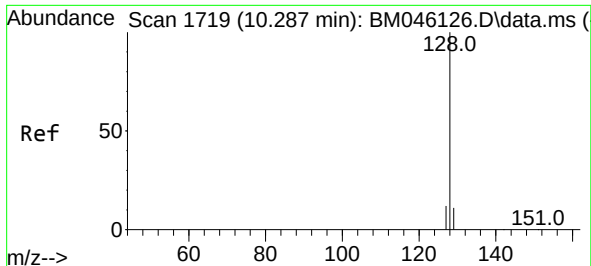
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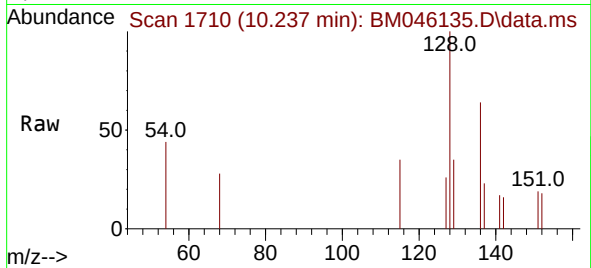
Quant Time: Jun 21 02:49:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.237 min Scan# 11
Delta R.T. -0.066 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

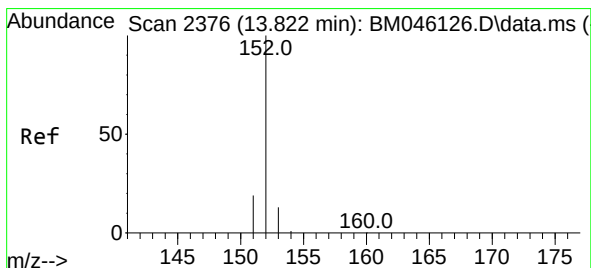
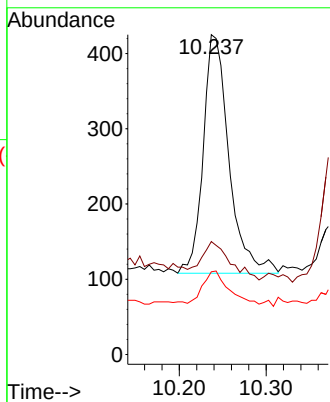
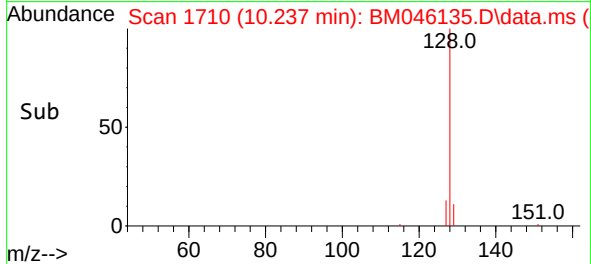
Instrument :
BNA_M
ClientSampleId :
A4BM9



Tgt Ion:128 Resp: 654
Ion Ratio Lower Upper
128 100
129 35.3 11.8 17.6
127 25.9 12.8 19.2

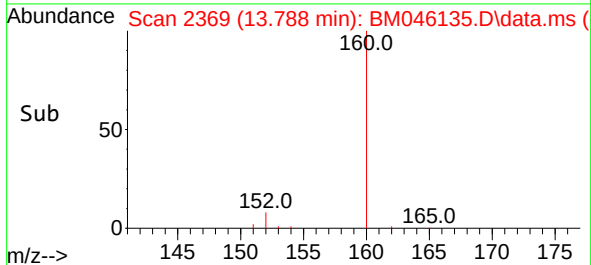
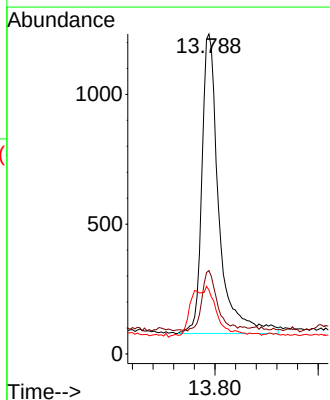
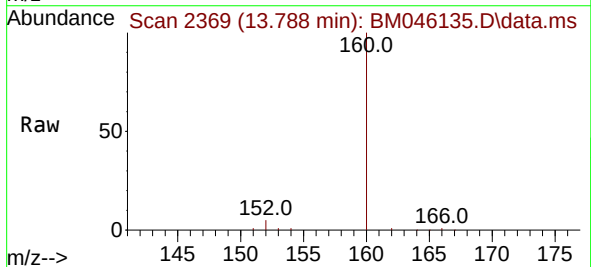
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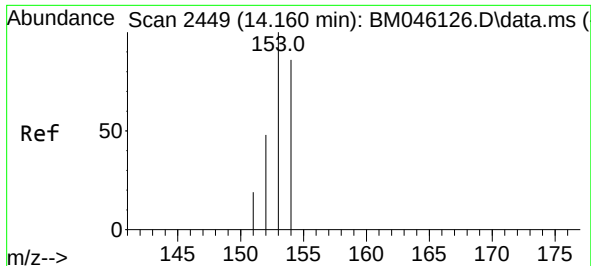
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.126 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

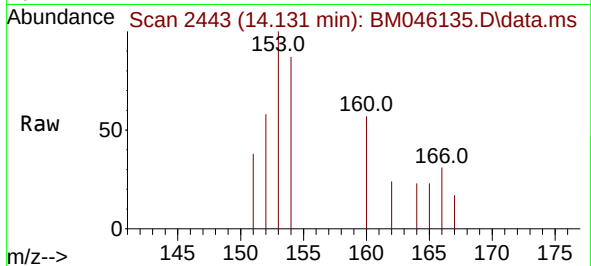
Tgt Ion:152 Resp: 2635
Ion Ratio Lower Upper
152 100
151 26.0 17.4 26.2
153 20.0 11.8 17.8





#11
Acenaphthene
Concen: 0.044 ng/u1
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

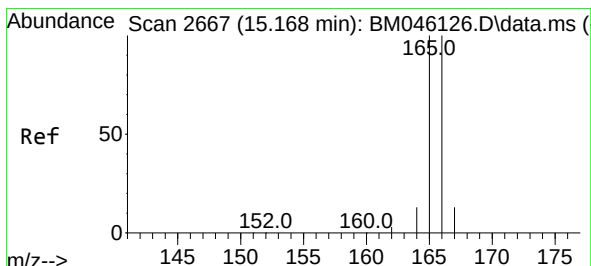
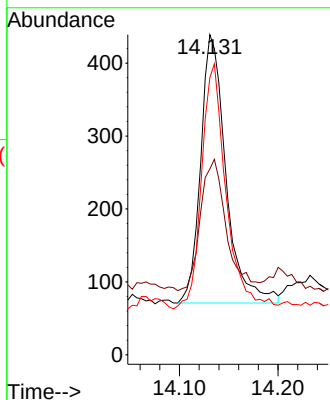
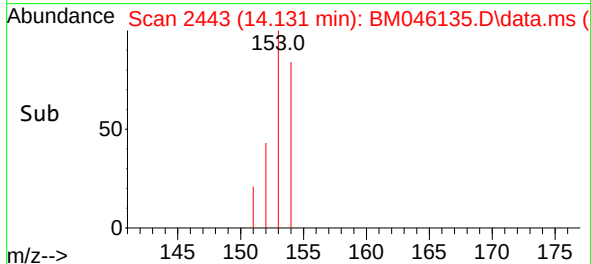
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 659
Ion Ratio Lower Upper
153 100
152 58.1 41.3 61.9
154 86.6 68.2 102.4

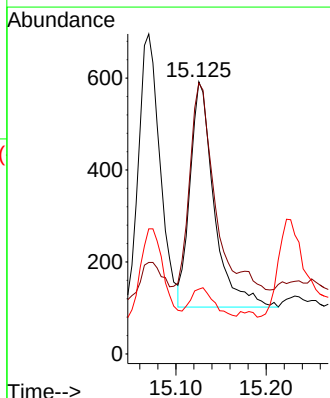
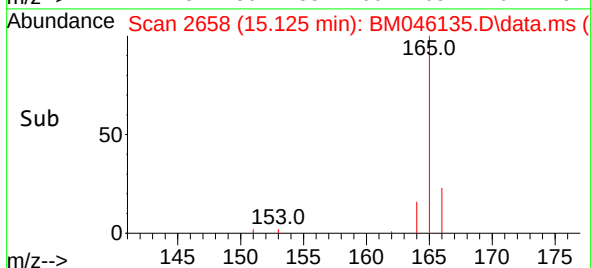
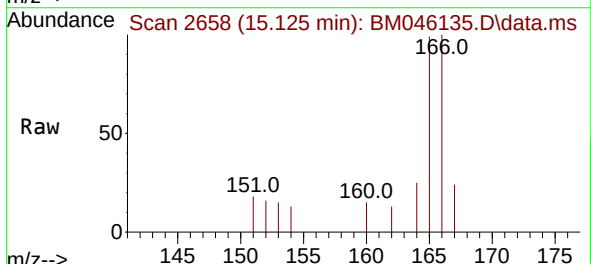
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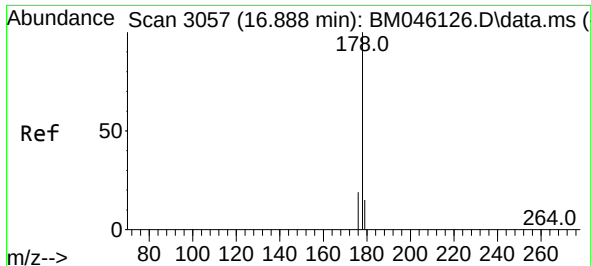
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.056 ng/u1
RT: 15.125 min Scan# 2658
Delta R.T. -0.055 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

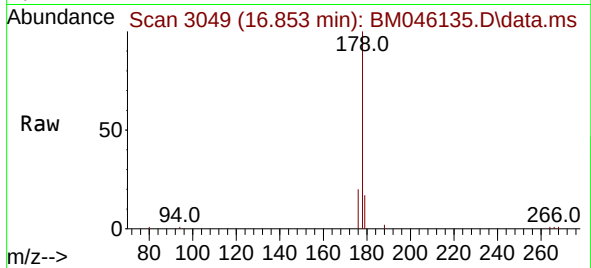
Tgt Ion:166 Resp: 904
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 23.8 12.4 18.6#





#15
Phenanthrene
Concen: 0.622 ng/ul m
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

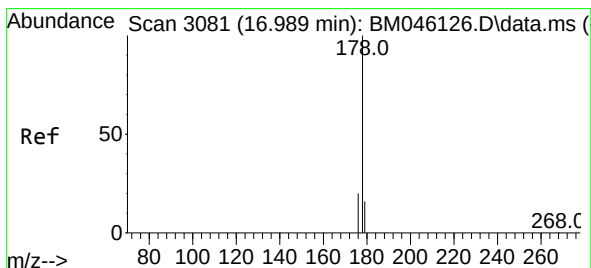
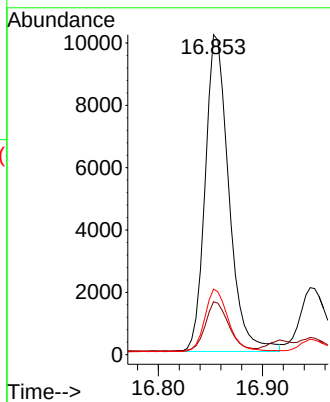
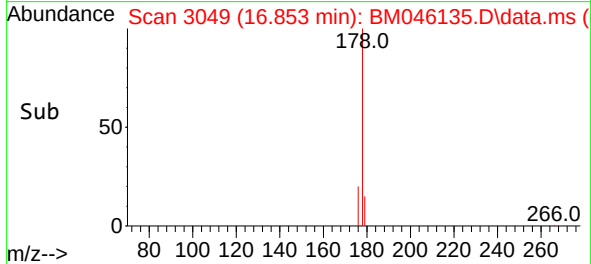
Instrument :
BNA_M
ClientSampleId :
A4BM9



Tgt Ion:178 Resp: 16092
Ion Ratio Lower Upper
178 100
179 16.5 14.2 21.2
176 20.5 17.1 25.7

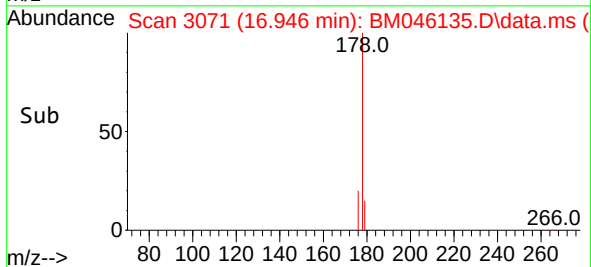
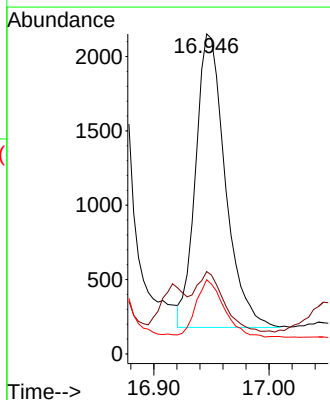
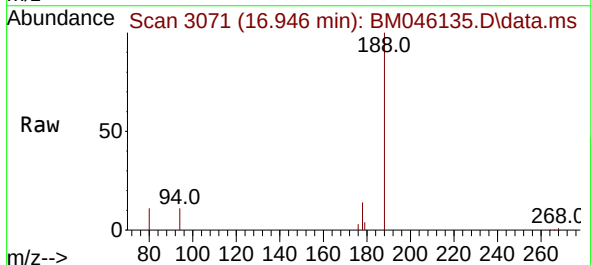
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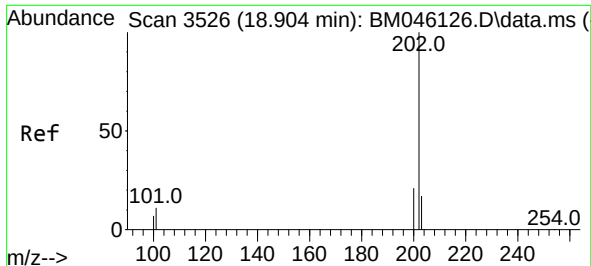
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.183 ng/ul m
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

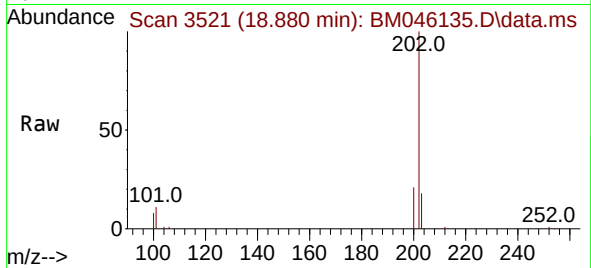
Tgt Ion:178 Resp: 3527
Ion Ratio Lower Upper
178 100
179 25.7 14.9 22.3#
176 23.2 17.0 25.4





#19
Fluoranthene
Concen: 1.110 ng/u1
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

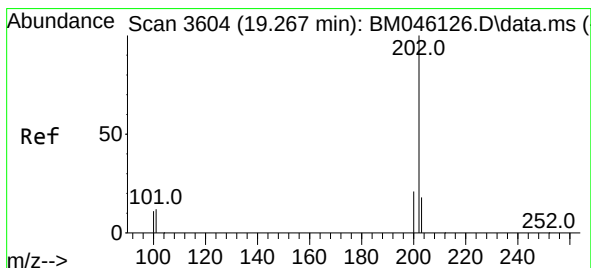
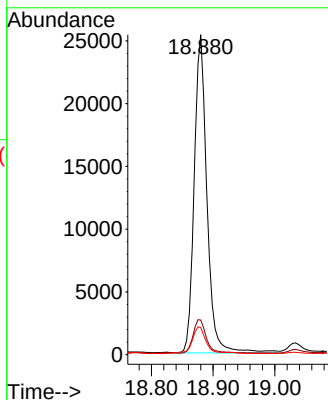
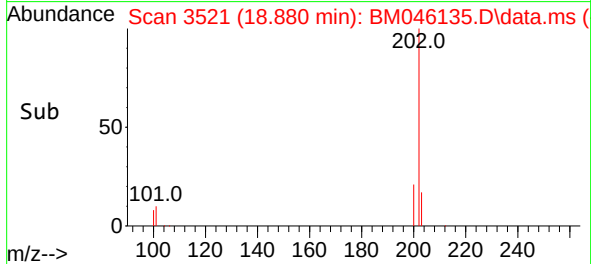
Instrument :
BNA_M
ClientSampleId :
A4BM9



Tgt Ion:202 Resp: 36609
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.5 7.6 11.4

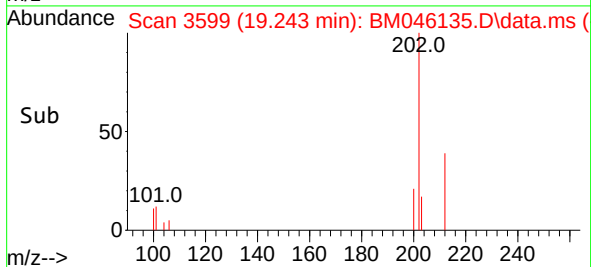
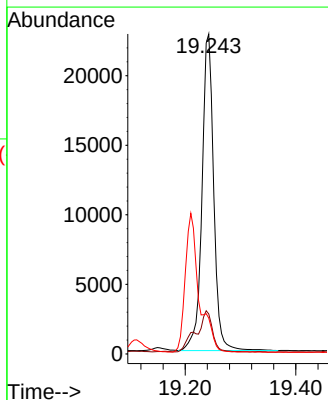
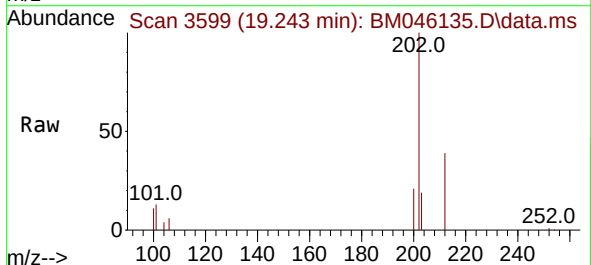
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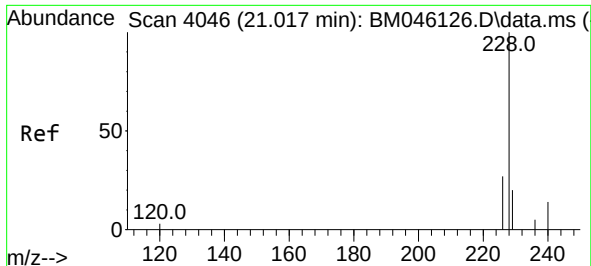
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 0.944 ng/u1
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

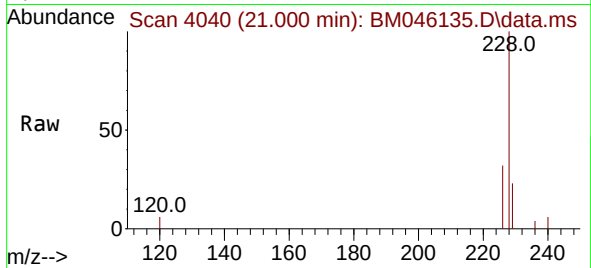
Tgt Ion:202 Resp: 33647
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.634 ng/ul
RT: 21.000 min Scan# 4046
Delta R.T. -0.029 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

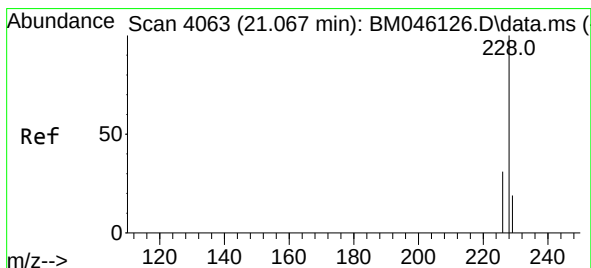
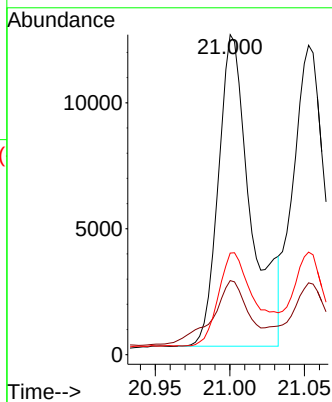
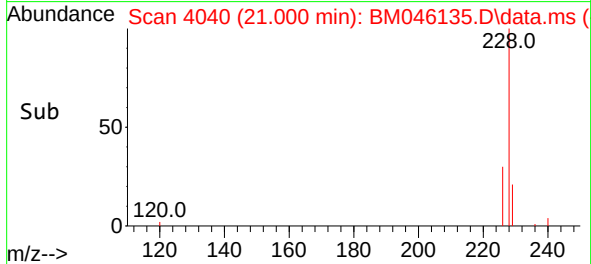
Instrument :
BNA_M
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A4BM9



Tgt Ion:228 Resp: 18632
Ion Ratio Lower Upper
228 100
229 23.1 16.4 24.6
226 31.8 23.4 35.2

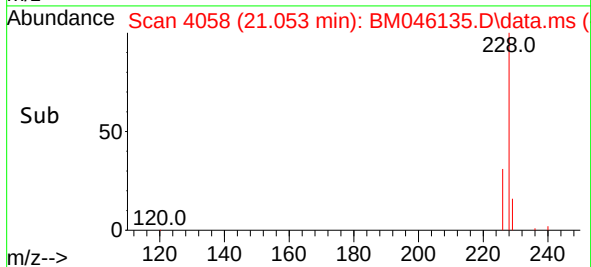
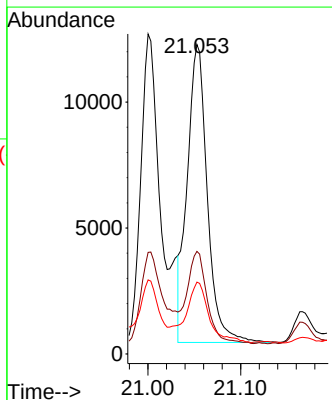
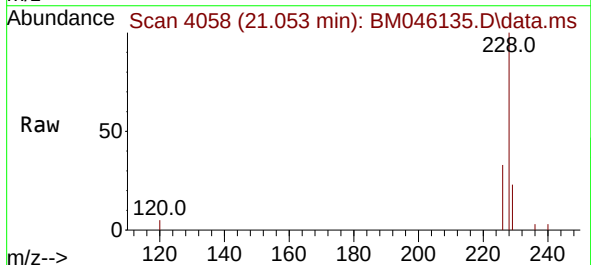
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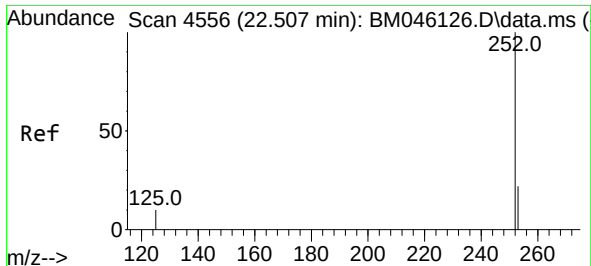
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.474 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

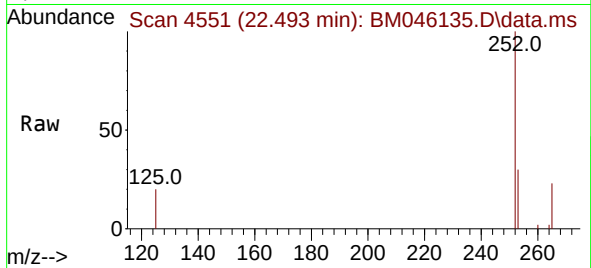
Tgt Ion:228 Resp: 17808
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 23.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.933 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

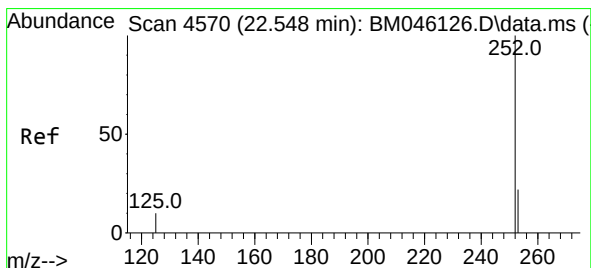
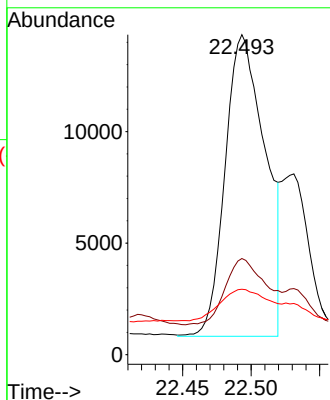
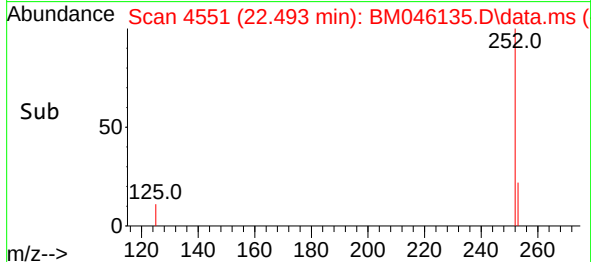
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BNA_M
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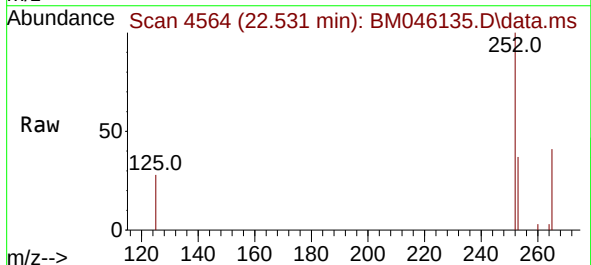
Tgt Ion:252 Resp: 2750
Ion Ratio Lower Upper
252 100
253 30.1 0.0 65.8
125 20.4 0.0 40.2

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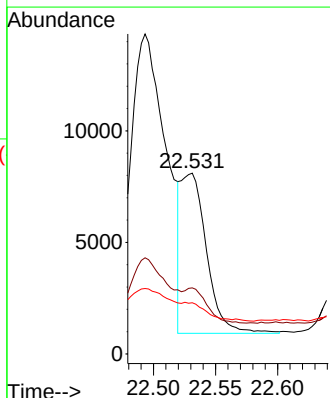
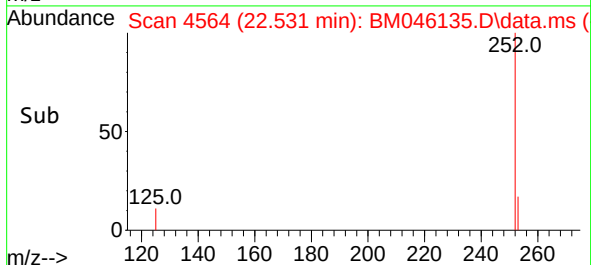
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

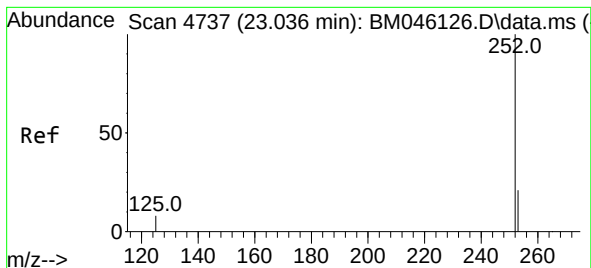


#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.032 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27



Tgt Ion:252 Resp: 10278
Ion Ratio Lower Upper
252 100
253 36.5 27.2 40.8
125 28.3 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.667 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.038 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

Instrument :

BNA_M

ClientSampleId :

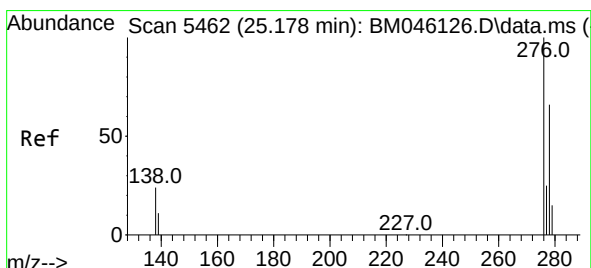
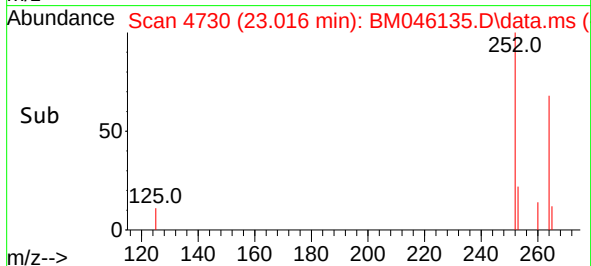
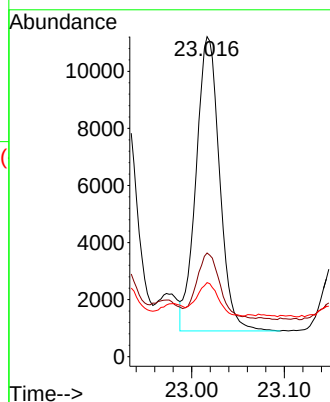
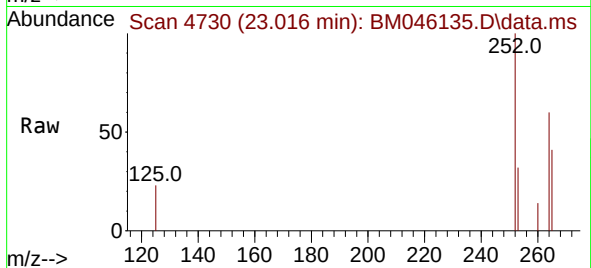
A4BM9

Tgt Ion:	252	Resp:	1820
Ion Ratio	Lower	Upper	
252	100		
253	32.4	32.1	48.1
125	23.1	21.2	31.8

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng/ul

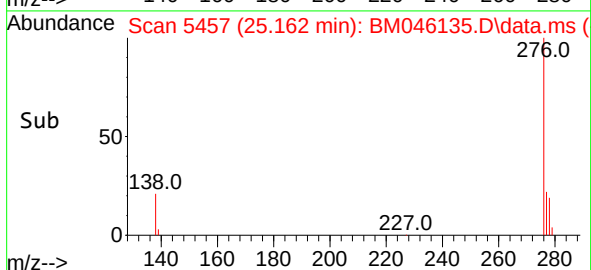
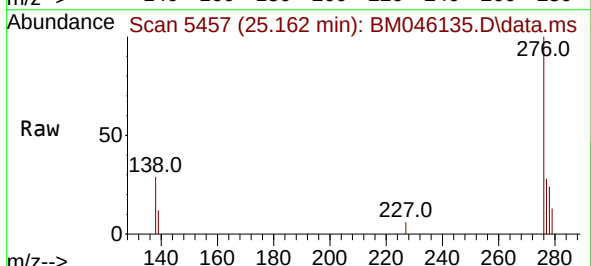
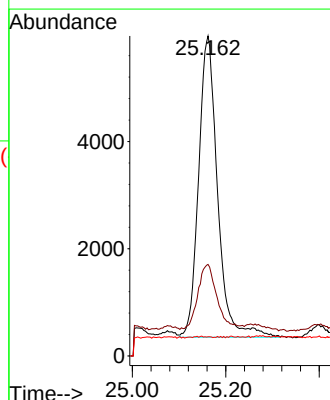
RT: 25.162 min Scan# 5457

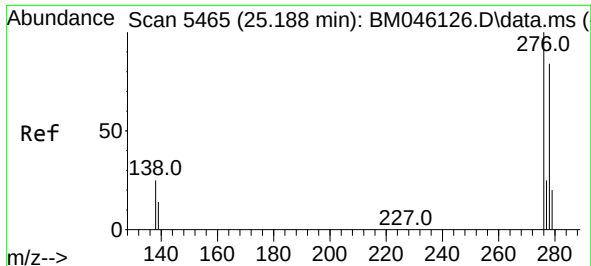
Delta R.T. -0.040 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

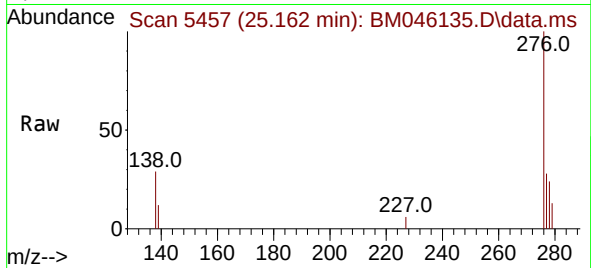
Tgt Ion:	276	Resp:	15793
Ion Ratio	Lower	Upper	
276	100		
138	22.5	21.0	31.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.162 min Scan# 5465
Delta R.T. -0.054 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

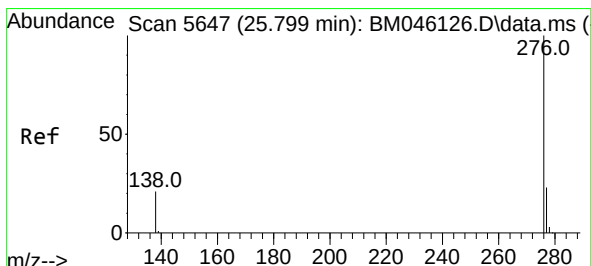
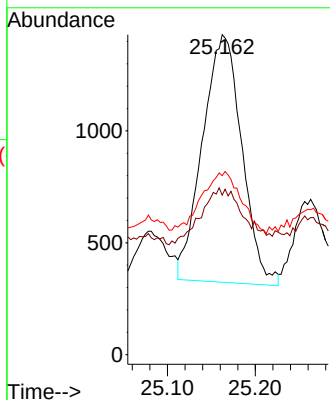
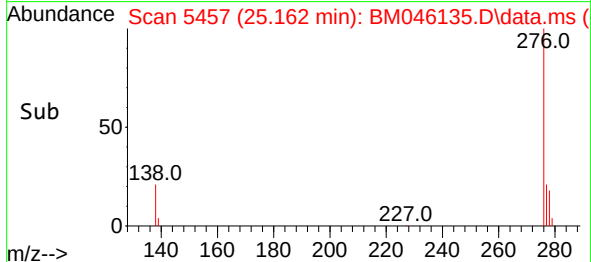
Instrument :
BNA_M
ClientSampleId :
A4BM9



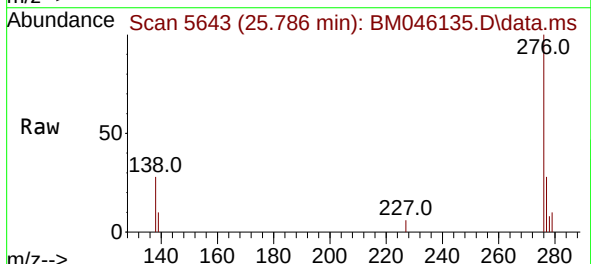
Tgt Ion:278 Resp: 3430
Ion Ratio Lower Upper
278 100
139 49.9 17.6 26.4
279 55.9 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 25.786 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27



Tgt Ion:276 Resp: 16038
Ion Ratio Lower Upper
276 100
138 28.1 21.7 32.5
277 28.5 20.4 30.6

