

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046183.D
 Acq On : 22 Jun 2024 05:57
 Operator : MA/JU
 Sample : P2754-04DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 10:45:52 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	3337	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.221	136	9493	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.076	164	5349	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	10191	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	8254	0.400	ng/ul	-0.02
23) Perylene-d12	23.104	264	9294m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	2983	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	588	0.046	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1285	0.052	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.271	128	561	0.021	ng/ul#	53
10) Acenaphthylene	13.794	152	747	0.029	ng/ul#	58
11) Acenaphthene	14.141	153	1038	0.057	ng/ul	99
12) Fluorene	15.136	166	1036	0.053	ng/ul#	97
15) Phenanthrene	16.862	178	15393	0.538	ng/ul	98
16) Anthracene	16.955	178	2787	0.131	ng/ul#	89
19) Fluoranthene	18.881	202	20763	0.581	ng/ul	99
20) Pyrene	19.239	202	21614	0.559	ng/ul	99
21) Benzo(a)anthracene	21.005	228	8729	0.274	ng/ul	95
22) Chrysene	21.055	228	8358	0.205	ng/ul	95
24) Benzo(b)fluoranthene	22.490	252	11572m	0.346	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	5150m	0.129	ng/ul	
26) Benzo(a)pyrene	23.013	252	8447	0.272	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.162	276	6055	0.119	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.168	278	1299	0.034	ng/ul#	23
29) Benzo(g,h,i)perylene	25.785	276	6455	0.148	ng/ul	91

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

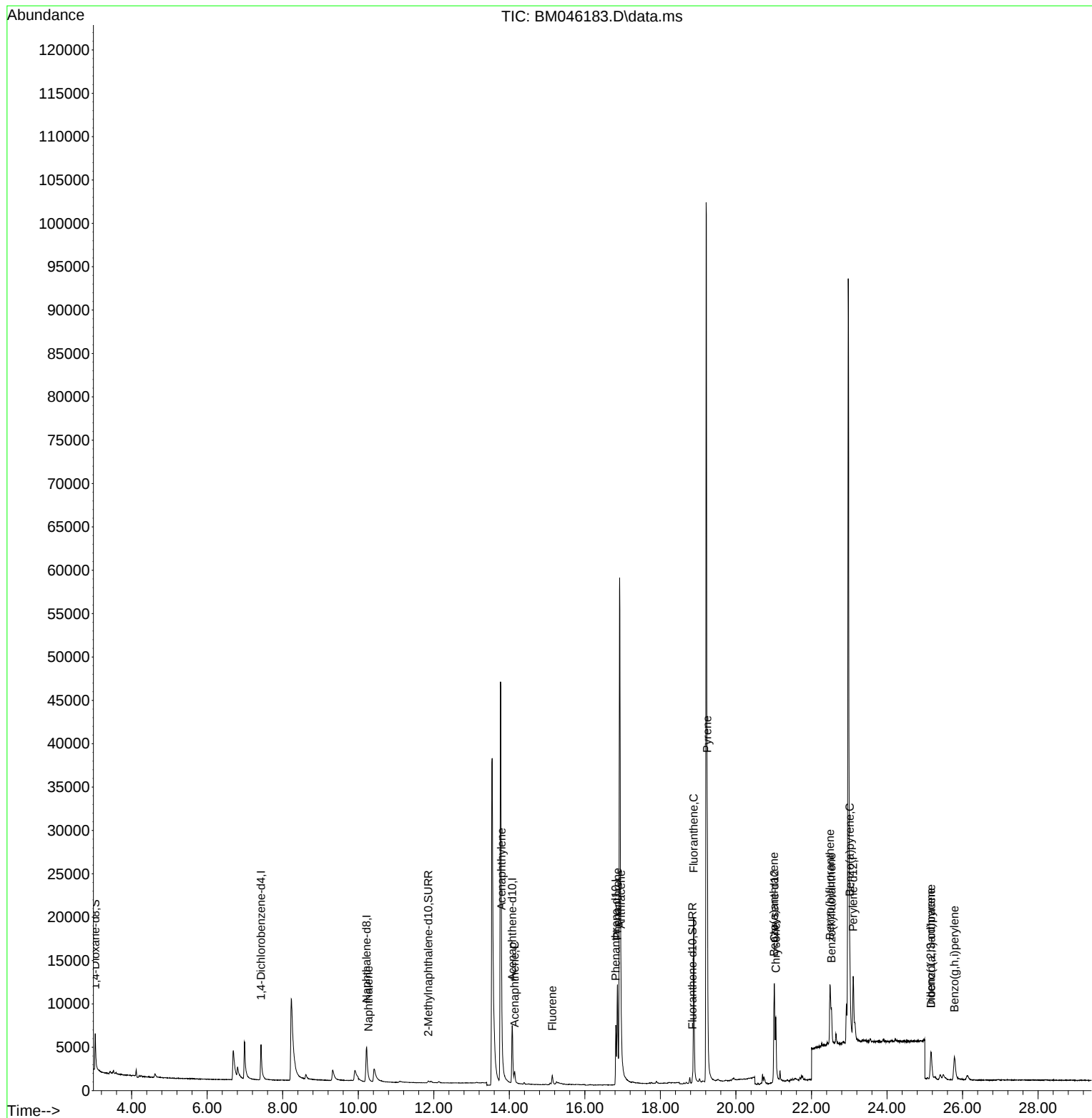
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046183.D
Acq On : 22 Jun 2024 05:57
Operator : MA/JU
Sample : P2754-04DL 5X
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ALS Vial : 36 Sample Multiplier: 1

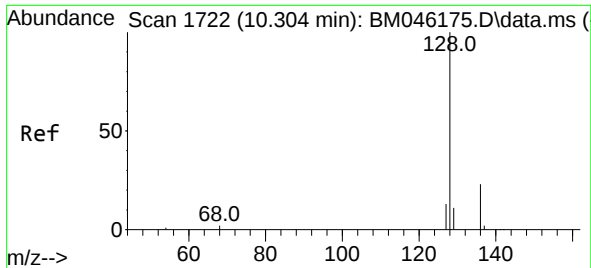
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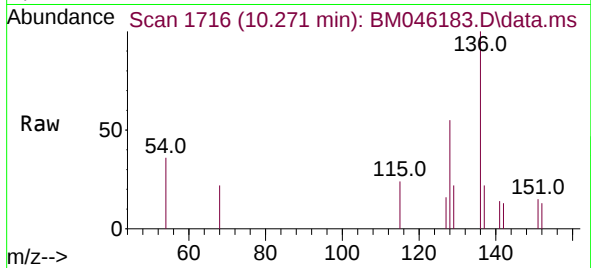
Quant Time: Jun 22 10:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.032 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

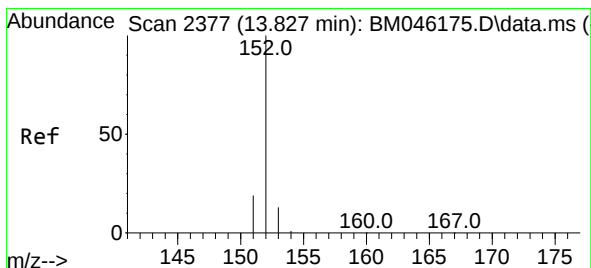
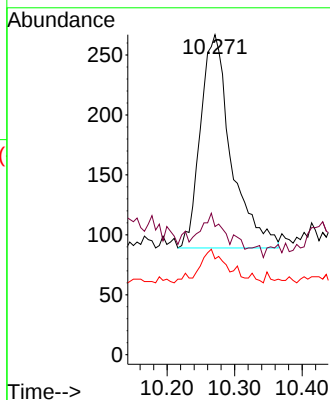
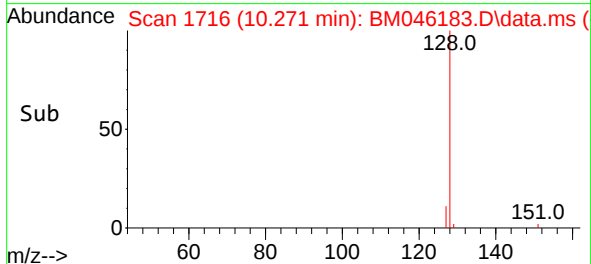
Instrument :
BNA_M
ClientSampleId :
A4BP5DL



Tgt Ion:128 Resp: 563
Ion Ratio Lower Upper
128 100
129 40.1 11.8 17.6#
127 30.0 12.8 19.2#

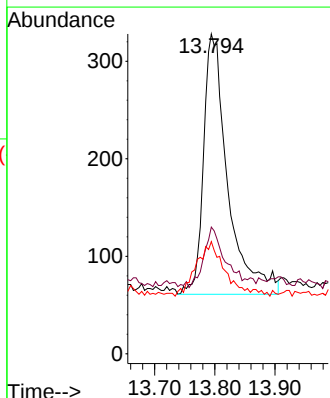
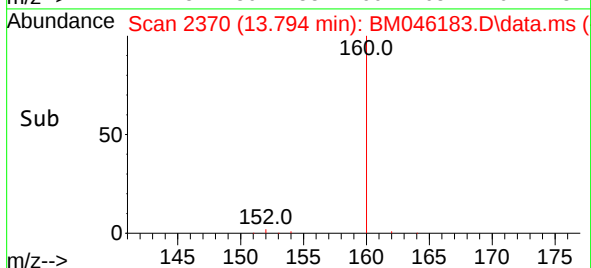
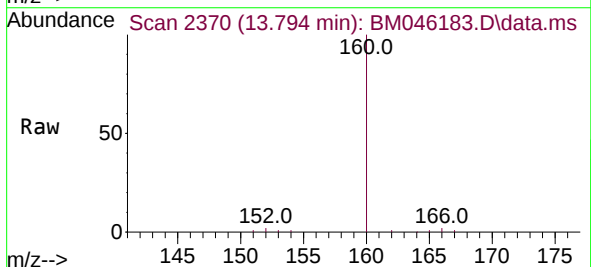
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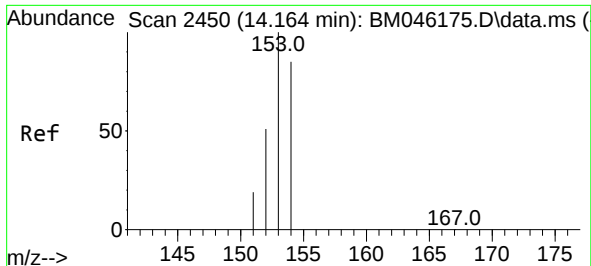
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

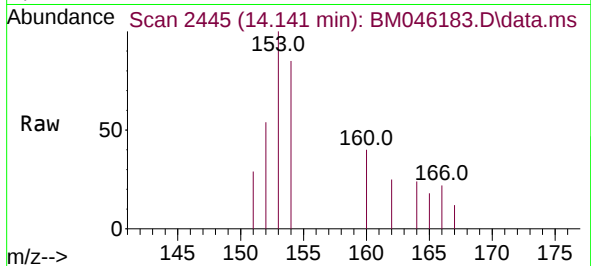
Tgt Ion:152 Resp: 747
Ion Ratio Lower Upper
152 100
151 39.6 17.4 26.2#
153 35.1 11.8 17.8#





#11
Acenaphthene
Concen: 0.057 ng/u1
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

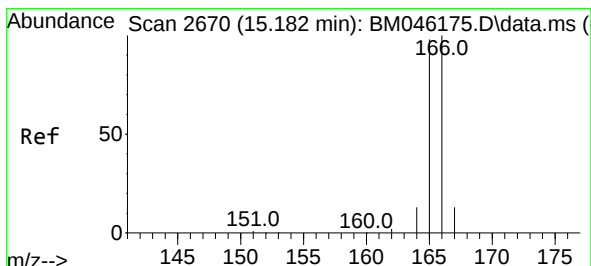
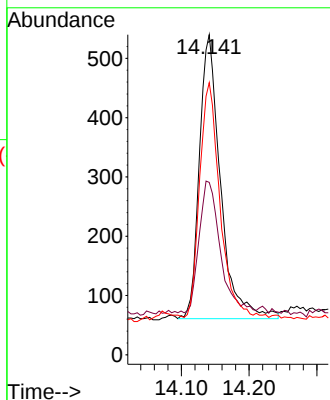
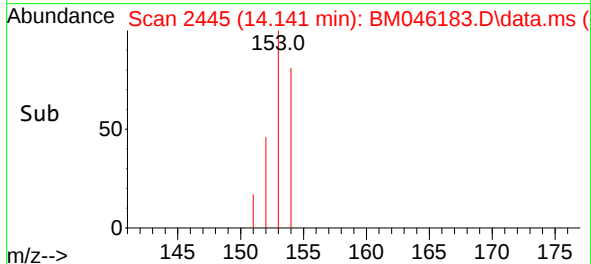
Instrument :
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A4BP5DL



Tgt Ion:153 Resp: 1038
Ion Ratio Lower Upper
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152 53.9 41.3 61.9
154 85.0 68.2 102.4

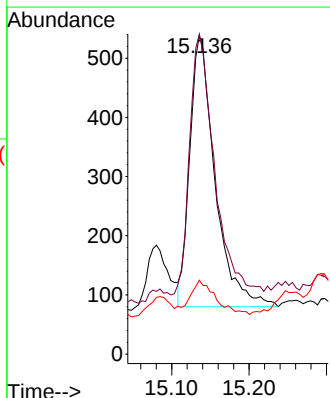
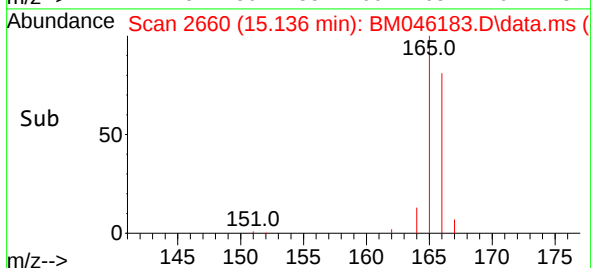
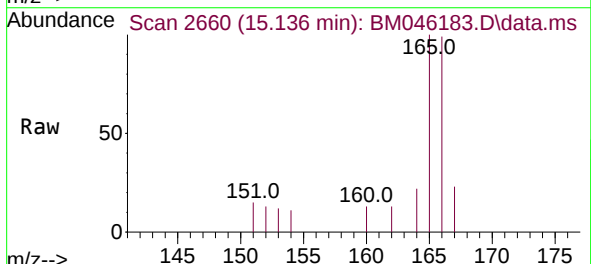
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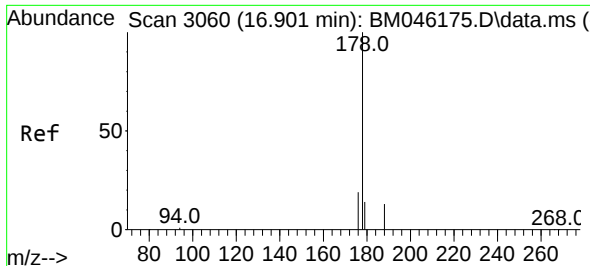
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.053 ng/u1
RT: 15.136 min Scan# 2660
Delta R.T. -0.045 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

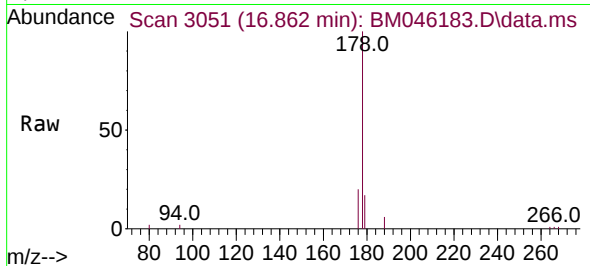
Tgt Ion:166 Resp: 1036
Ion Ratio Lower Upper
166 100
165 100.6 80.4 120.6
167 23.2 12.4 18.6#





#15
Phenanthrene
Concen: 0.538 ng/u1
RT: 16.862 min Scan# 3060
Delta R.T. -0.041 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

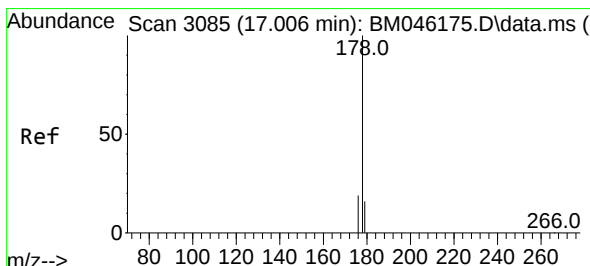
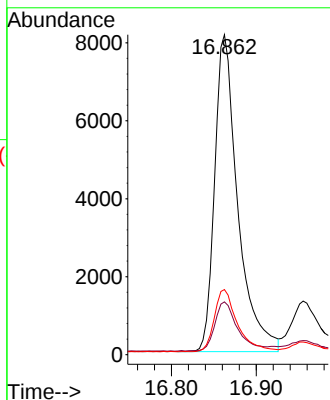
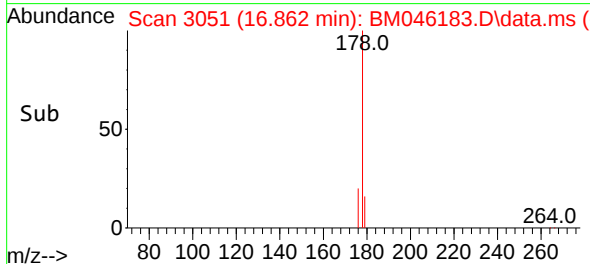
Instrument :
BNA_M
ClientSampleId :
A4BP5DL



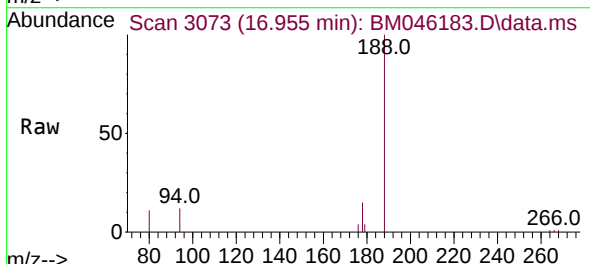
Tgt Ion:178 Resp: 1539
Ion Ratio Lower Upper
178 100
179 16.5 14.2 21.2
176 20.3 17.1 25.7

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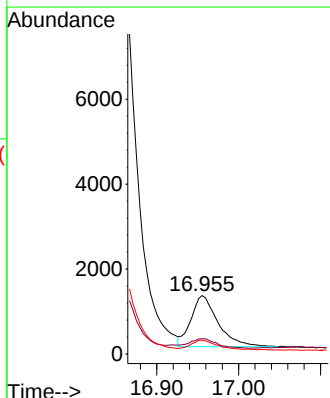
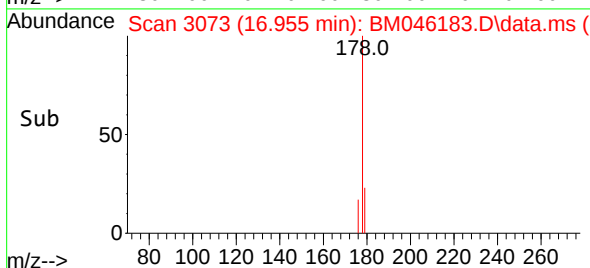
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

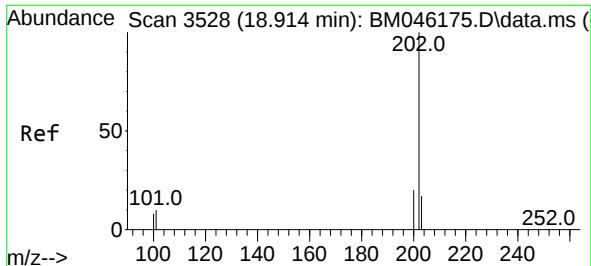


#16
Anthracene
Concen: 0.131 ng/u1
RT: 16.955 min Scan# 3073
Delta R.T. -0.050 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57



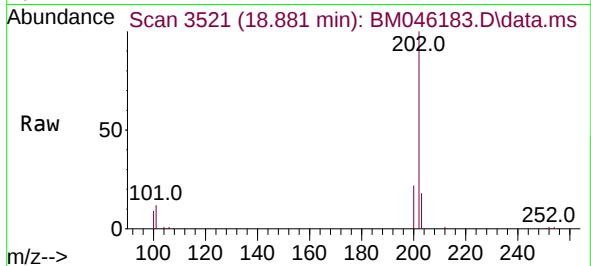
Tgt Ion:178 Resp: 2787
Ion Ratio Lower Upper
178 100
179 26.2 14.9 22.3#
176 23.5 17.0 25.4





#19
Fluoranthene
Concen: 0.581 ng/u1
RT: 18.881 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

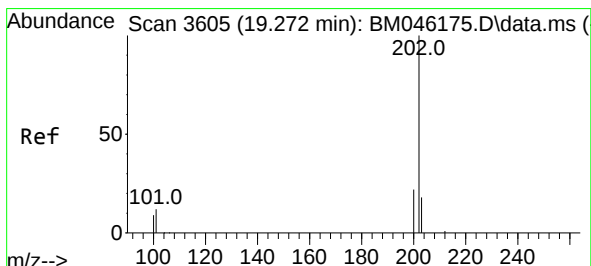
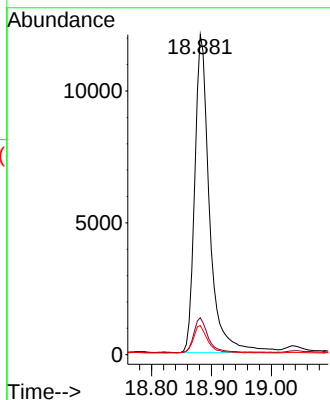
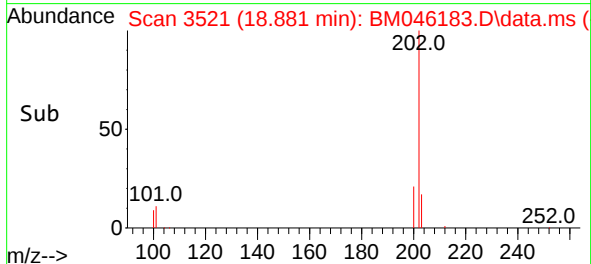
Instrument :
BNA_M
ClientSampleId :
A4BP5DL



Tgt Ion:202 Resp: 2076
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 9.1 7.6 11.4

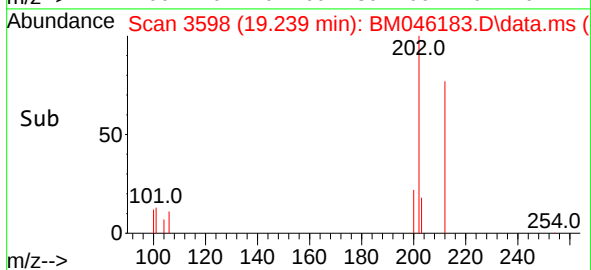
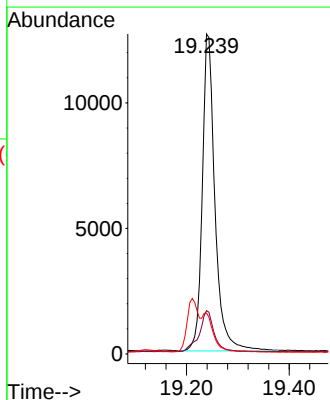
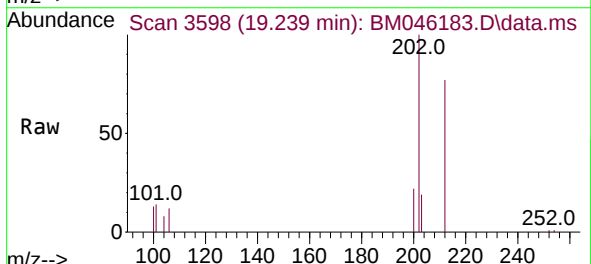
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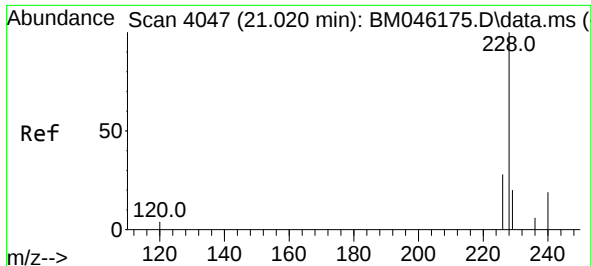
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 0.559 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

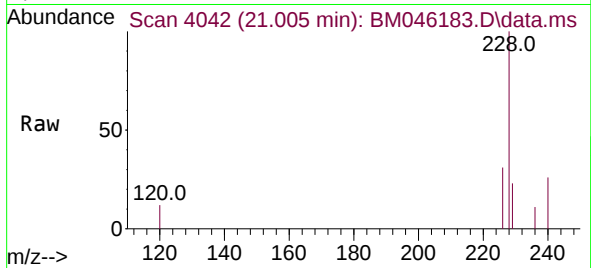
Tgt Ion:202 Resp: 21614
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 12.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.274 ng/ul
RT: 21.005 min Scan# 4047
Delta R.T. -0.024 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

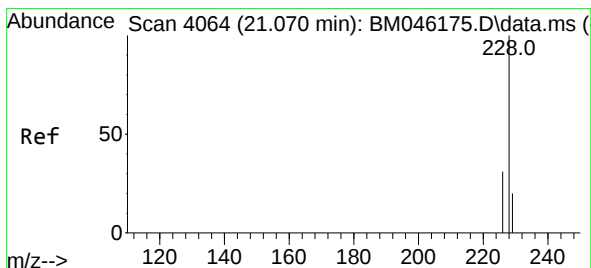
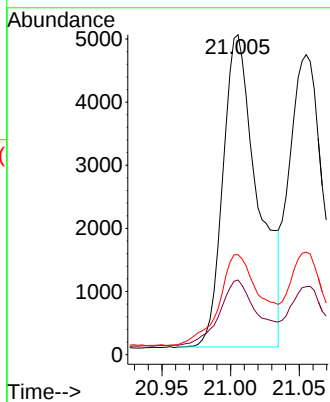
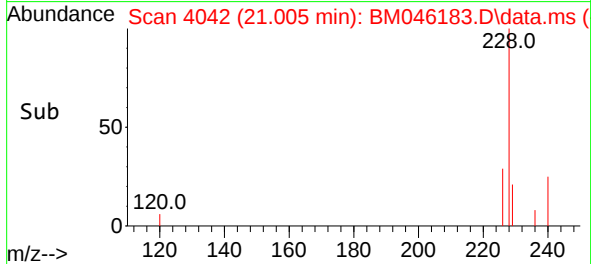
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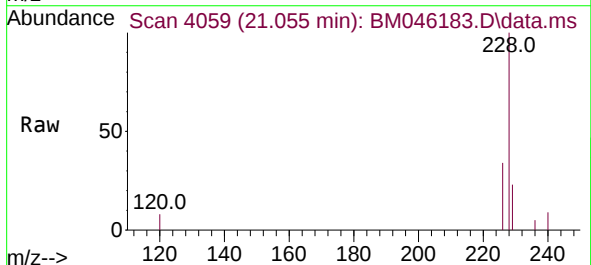
Tgt Ion:228 Resp: 8729
Ion Ratio Lower Upper
228 100
229 23.4 16.4 24.6
226 31.3 23.4 35.2

Manual Integrations
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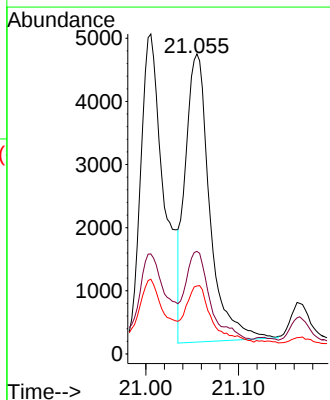
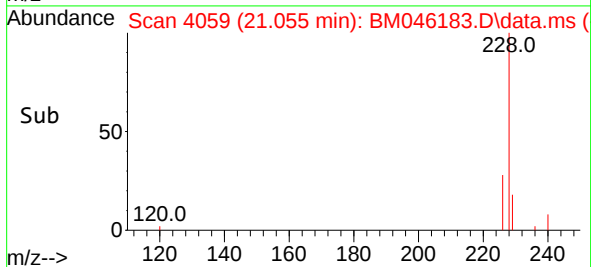
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

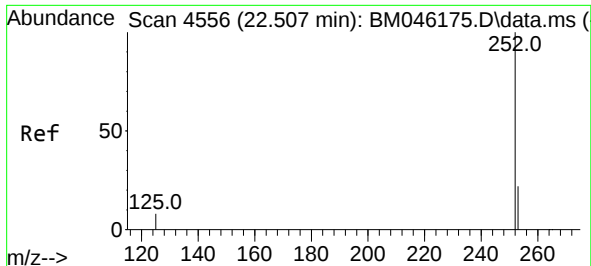


#22
Chrysene
Concen: 0.205 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57



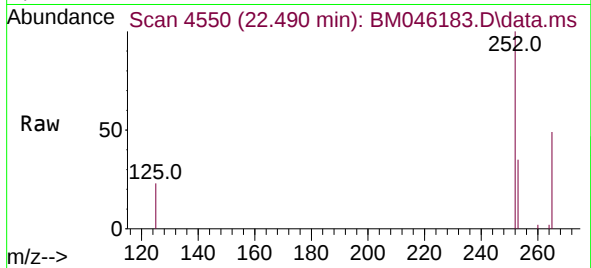
Tgt Ion:228 Resp: 8358
Ion Ratio Lower Upper
228 100
226 34.2 25.2 37.8
229 22.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul m
RT: 22.490 min Scan# 4556
Delta R.T. -0.030 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

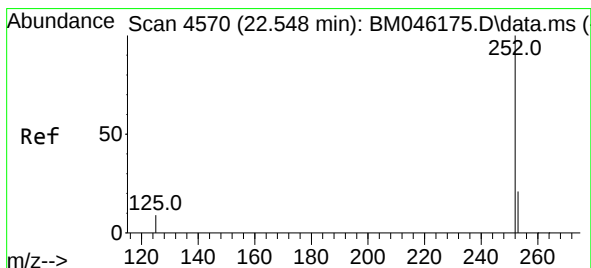
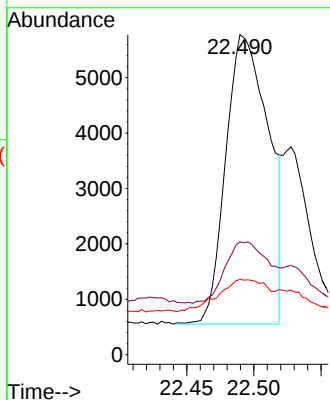
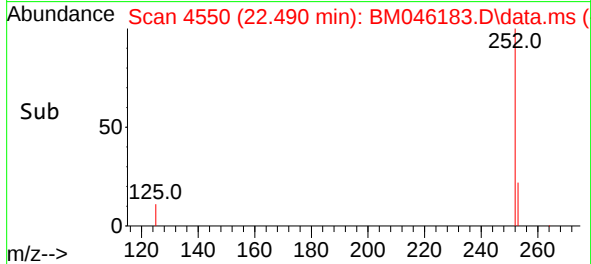
Instrument :
BNA_M
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A4BP5DL



Tgt Ion:252 Resp: 11572
Ion Ratio Lower Upper
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253 35.2 0.0 65.8
125 23.5 0.0 40.2

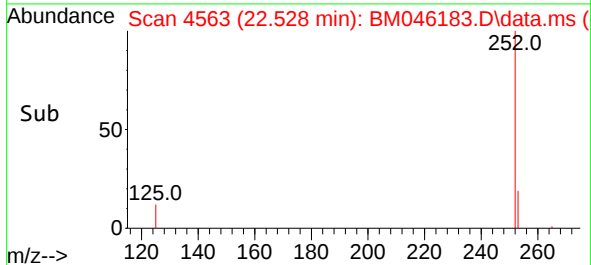
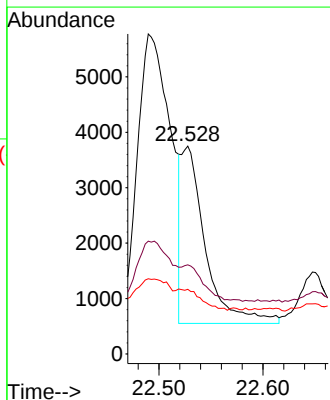
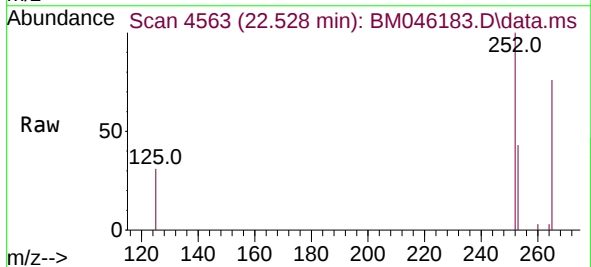
Manual Integrations
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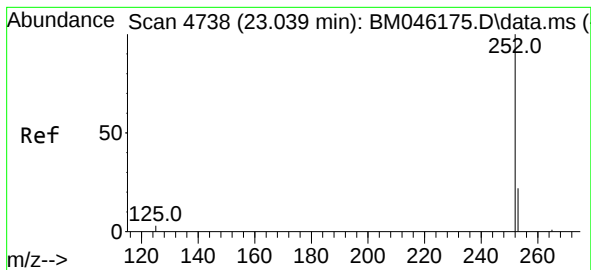
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.129 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.036 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

Tgt Ion:252 Resp: 5150
Ion Ratio Lower Upper
252 100
253 42.9 27.2 40.8#
125 31.1 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.272 ng/ul

RT: 23.013 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM046183.D

Acq: 22 Jun 2024 05:57

Instrument :

BNA_M

ClientSampleId :

A4BP5DL

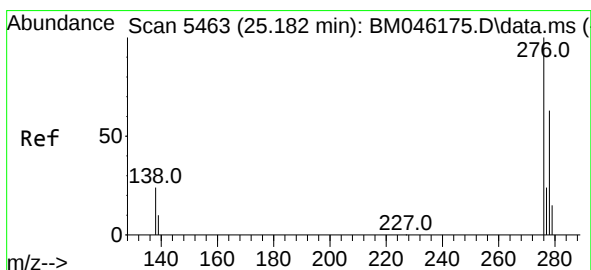
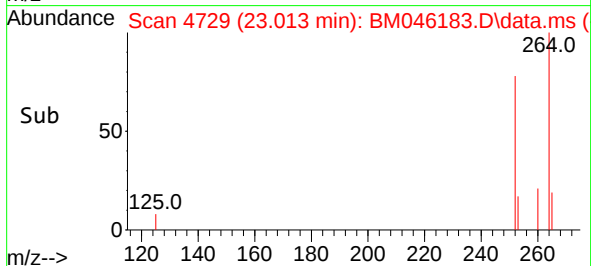
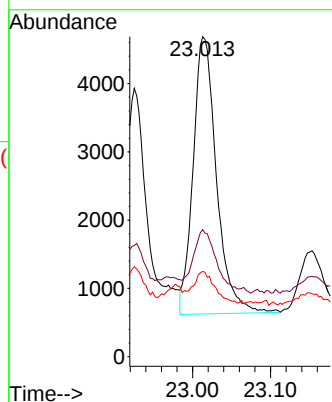
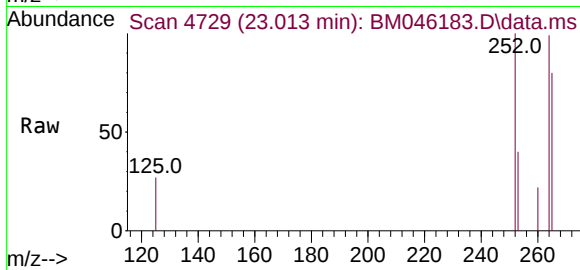
Tgt Ion:	252	Resp:	844
Ion Ratio	Lower	Upper	
252	100		
253	39.7	32.1	48.1
125	26.6	21.2	31.8

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.119 ng/ul

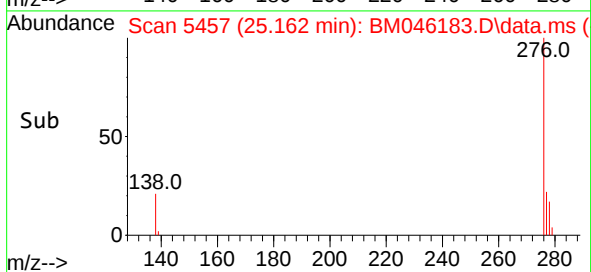
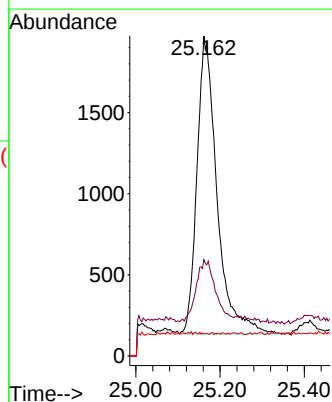
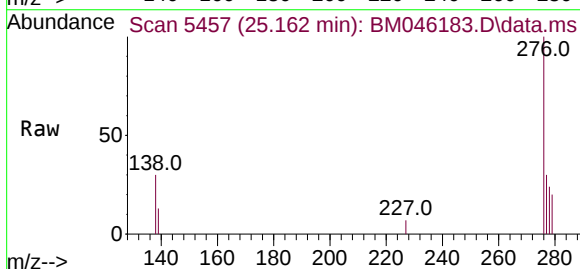
RT: 25.162 min Scan# 5457

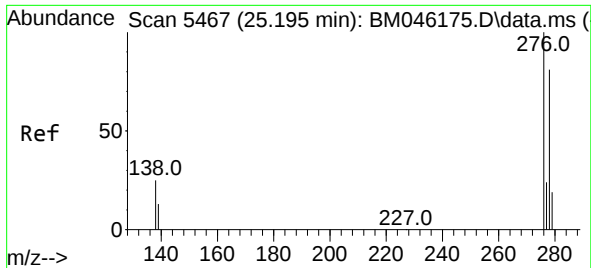
Delta R.T. -0.041 min

Lab File: BM046183.D

Acq: 22 Jun 2024 05:57

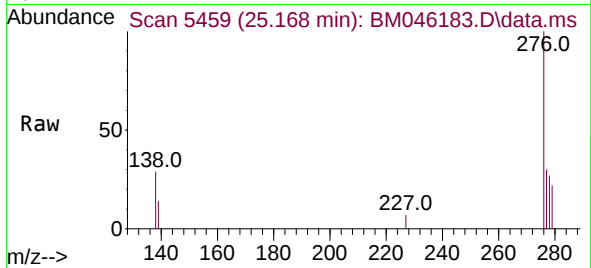
Tgt Ion:	276	Resp:	6055
Ion Ratio	Lower	Upper	
276	100		
138	21.1	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.168 min Scan# 5467
Delta R.T. -0.048 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

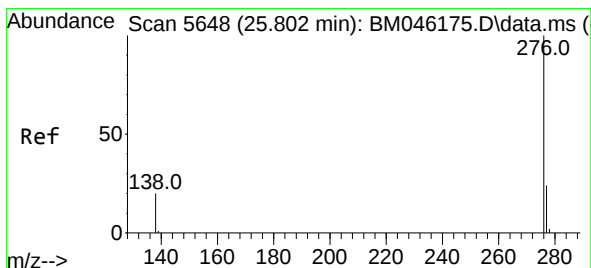
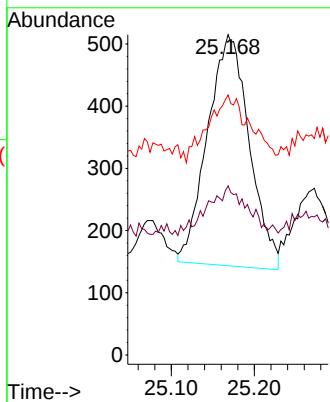
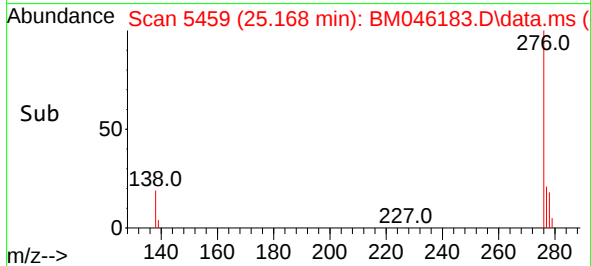
Instrument :
BNA_M
ClientSampleId :
A4BP5DL



Tgt Ion:278 Resp: 1299
Ion Ratio Lower Upper
278 100
139 52.8 17.6 26.4
279 81.2 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.148 ng/ul
RT: 25.785 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046183.D
Acq: 22 Jun 2024 05:57

Tgt Ion:276 Resp: 6455
Ion Ratio Lower Upper
276 100
138 31.3 21.7 32.5
277 30.5 20.4 30.6

