

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046185.D
 Acq On : 22 Jun 2024 07:10
 Operator : MA/JU
 Sample : P2754-08DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 10:55:10 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	7.426	152	2984	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.215	136	8546	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.071	164	4790	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.819	188	9265	0.400	ng/ul	-0.04
17) Chrysene-d12	21.012	240	7753	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264	8693m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	3325	0.812	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.843	152	669	0.058	ng/ul	-0.02
18) Fluoranthene-d10	18.847	212	1500	0.065	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	562	0.024	ng/ul#	47
10) Acenaphthylene	13.793	152	877	0.039	ng/ul#	66
11) Acenaphthene	14.135	153	692	0.042	ng/ul	95
12) Fluorene	15.135	166	914	0.052	ng/ul#	97
15) Phenanthrene	16.857	178	15950	0.613	ng/ul	97
16) Anthracene	16.950	178	3355	0.173	ng/ul#	89
19) Fluoranthene	18.875	202	32194	0.959	ng/ul	98
20) Pyrene	19.238	202	26284	0.724	ng/ul	99
21) Benzo(a)anthracene	20.997	228	14061	0.470	ng/ul	98
22) Chrysene	21.047	228	14459	0.378	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	18838m	0.601	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	9172m	0.246	ng/ul	
26) Benzo(a)pyrene	23.014	252	7685	0.265	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.152	276	7379	0.155	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.159	278	2248	0.064	ng/ul#	50
29) Benzo(g,h,i)perylene	25.779	276	1182	0.029	ng/ul#	37

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

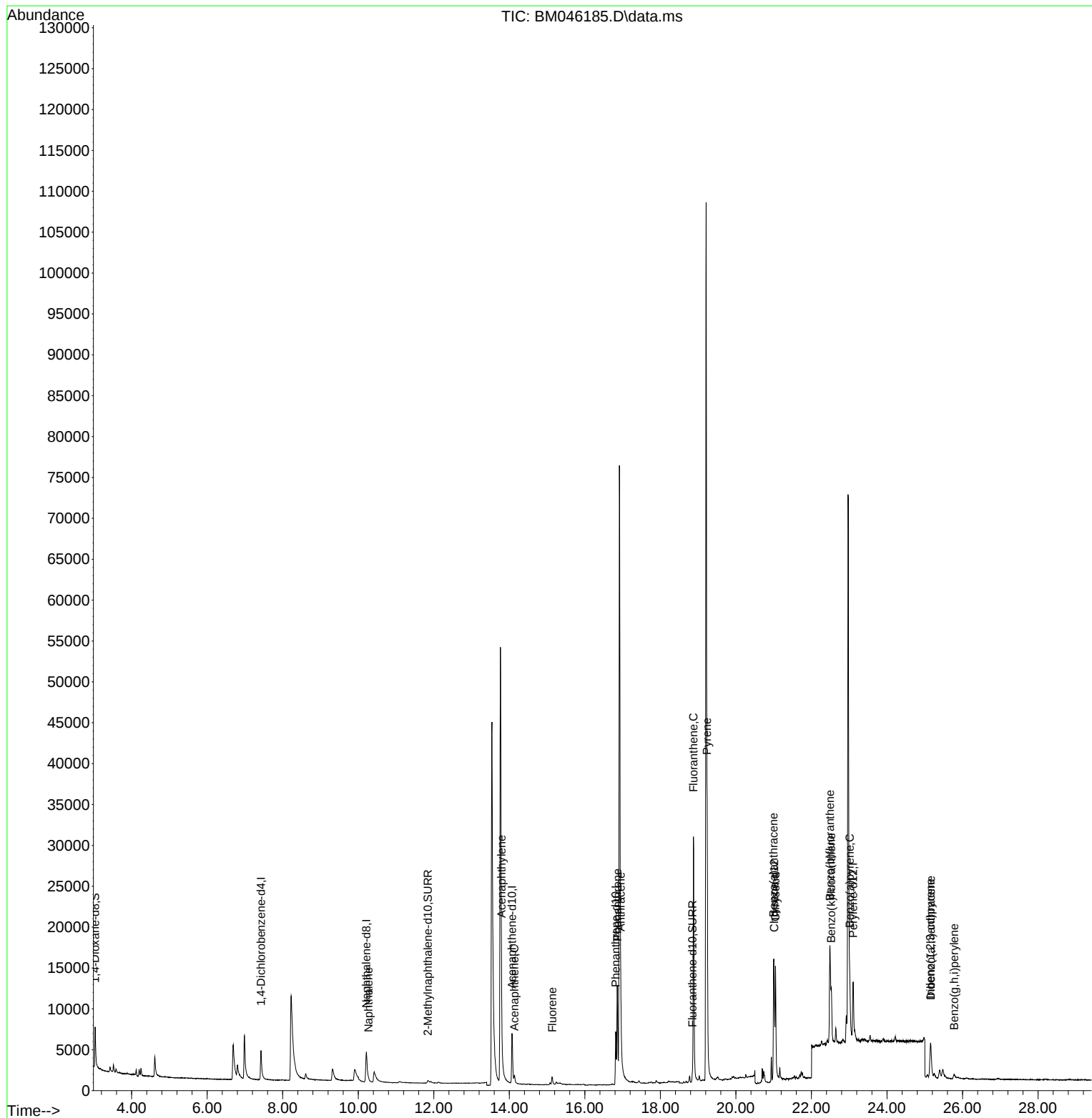
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046185.D
Acq On : 22 Jun 2024 07:10
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ALS Vial : 38 Sample Multiplier: 1

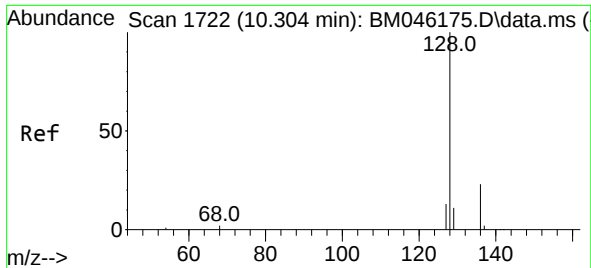
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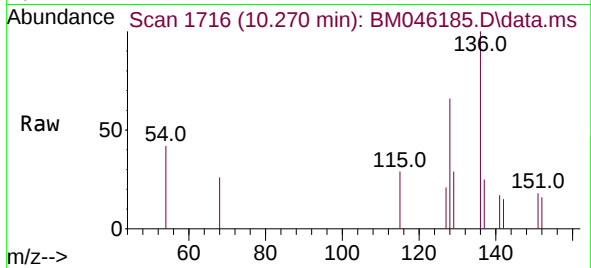
Quant Time: Jun 22 10:55:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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#5
Naphthalene
Concen: 0.024 ng/uI
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

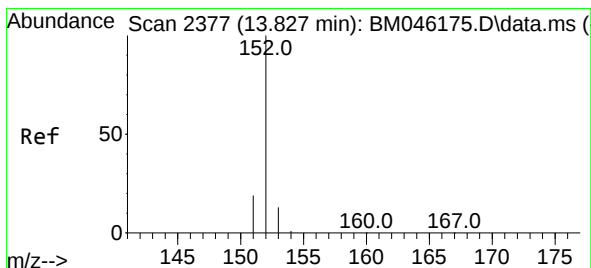
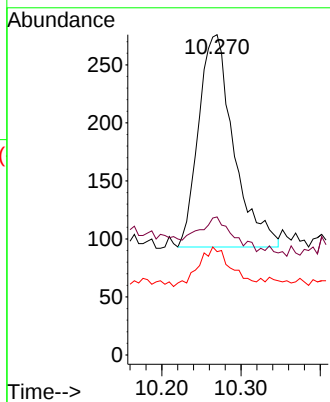
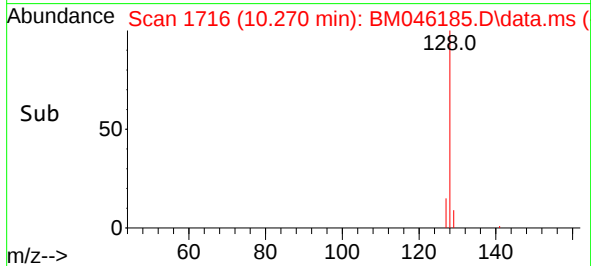
Instrument :
BNA_M
ClientSampleId :
A4BP7DL



Tgt Ion:128 Resp: 562
Ion Ratio Lower Upper
128 100
129 43.1 11.8 17.6#
127 32.2 12.8 19.2#

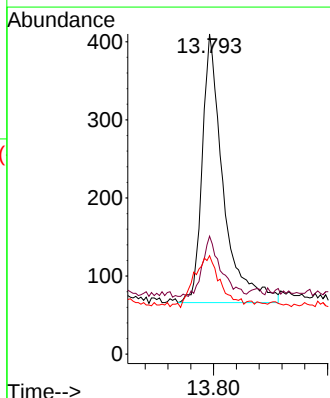
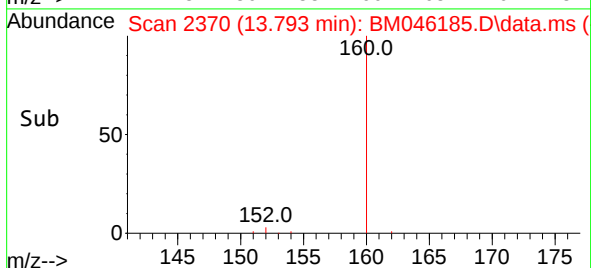
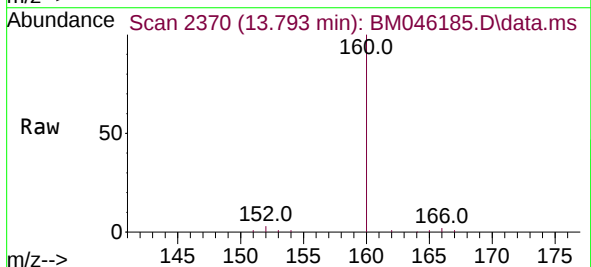
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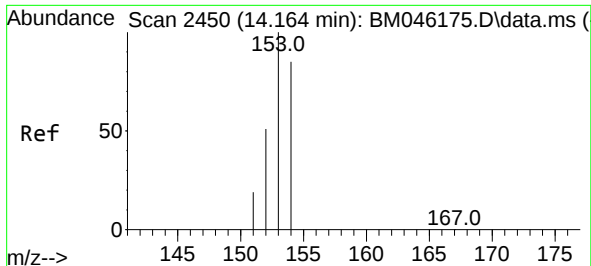
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.039 ng/uI
RT: 13.793 min Scan# 2370
Delta R.T. -0.042 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

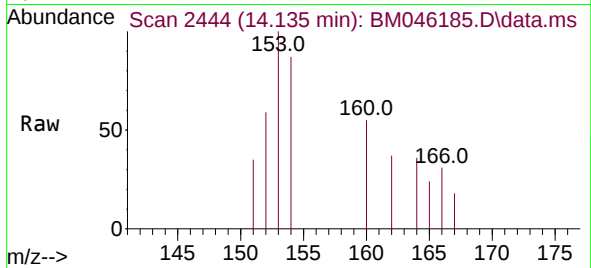
Tgt Ion:152 Resp: 877
Ion Ratio Lower Upper
152 100
151 36.8 17.4 26.2#
153 30.7 11.8 17.8#





#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.135 min Scan# 2450
Delta R.T. -0.037 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

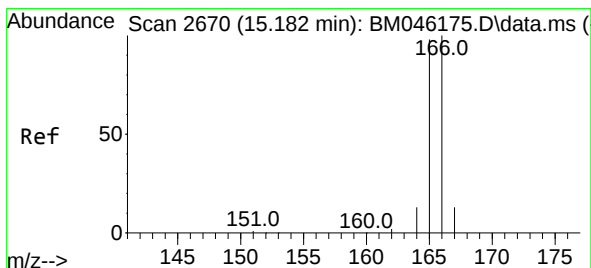
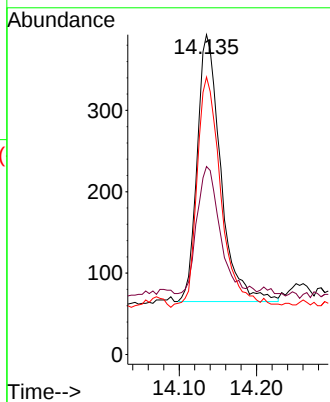
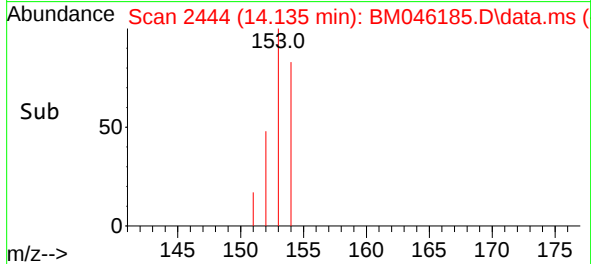
Instrument :
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ClientSampleId :
A4BP7DL



Tgt Ion:153 Resp: 692
Ion Ratio Lower Upper
153 100
152 58.8 41.3 61.9
154 86.8 68.2 102.4

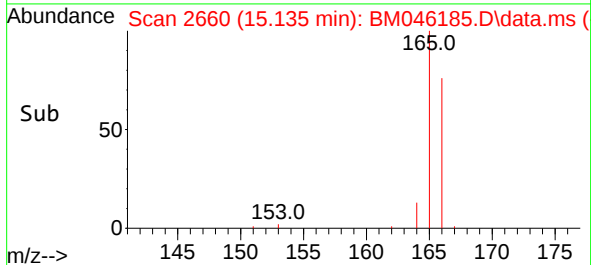
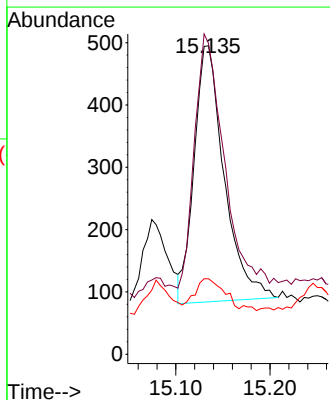
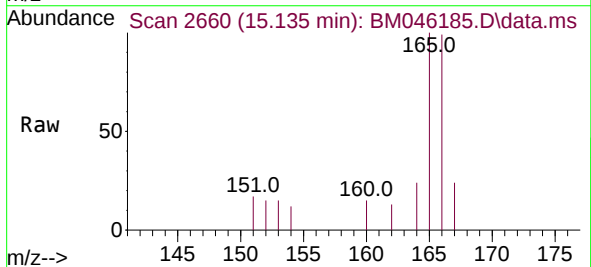
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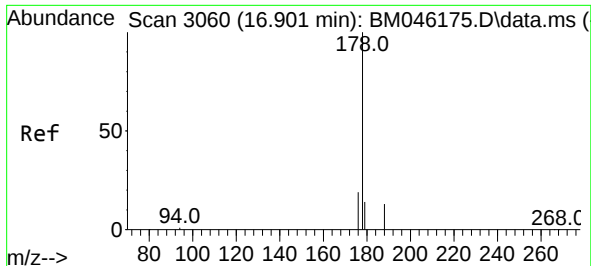
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.052 ng/u1
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

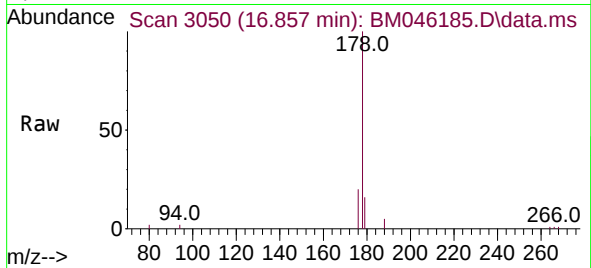
Tgt Ion:166 Resp: 914
Ion Ratio Lower Upper
166 100
165 100.8 80.4 120.6
167 24.4 12.4 18.6#





#15
Phenanthrene
Concen: 0.613 ng/u1
RT: 16.857 min Scan# 3060
Delta R.T. -0.046 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

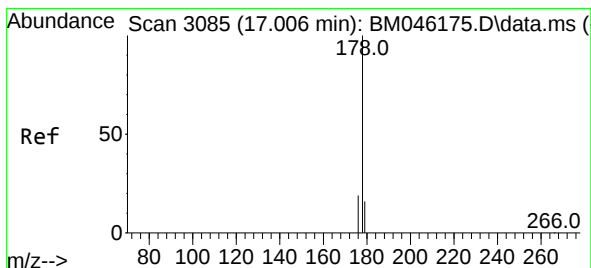
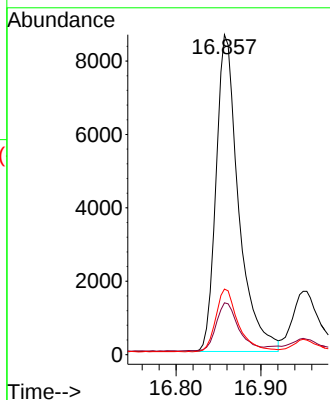
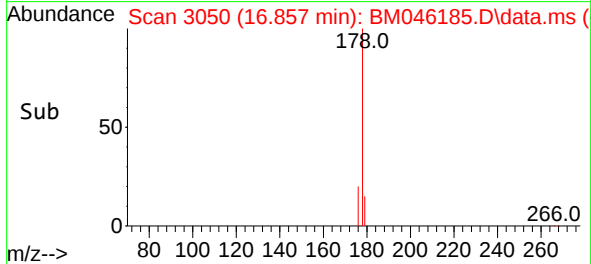
Instrument :
BNA_M
ClientSampleId :
A4BP7DL



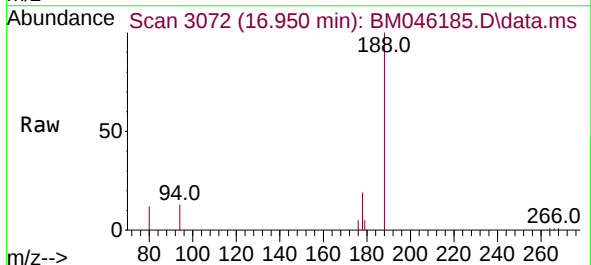
Tgt Ion:178 Resp: 15950
Ion Ratio Lower Upper
178 100
179 16.2 14.2 21.2
176 20.5 17.1 25.7

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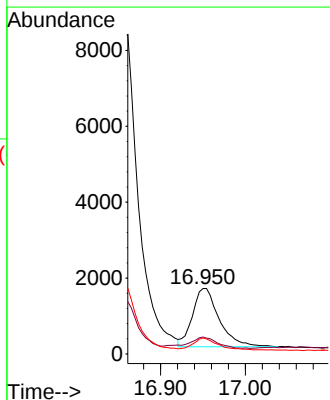
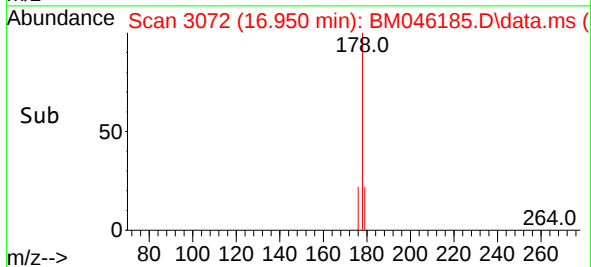
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

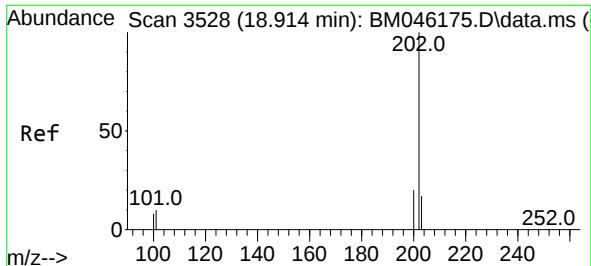


#16
Anthracene
Concen: 0.173 ng/u1
RT: 16.950 min Scan# 3072
Delta R.T. -0.055 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10



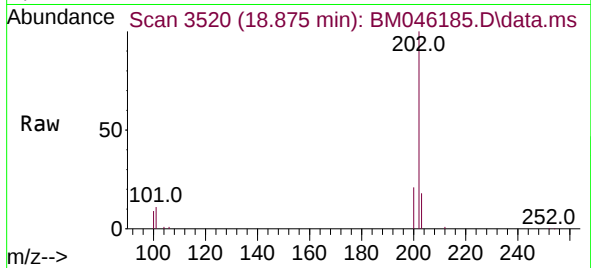
Tgt Ion:178 Resp: 3355
Ion Ratio Lower Upper
178 100
179 25.8 14.9 22.3#
176 24.3 17.0 25.4





#19
Fluoranthene
Concen: 0.959 ng/u1
RT: 18.875 min Scan# 3194
Delta R.T. -0.042 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

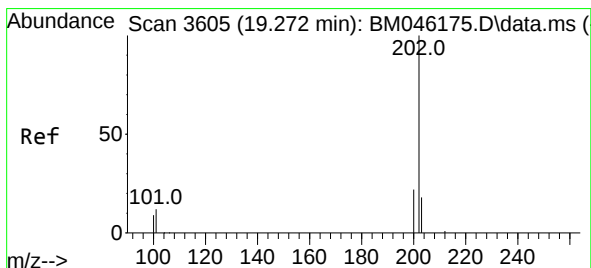
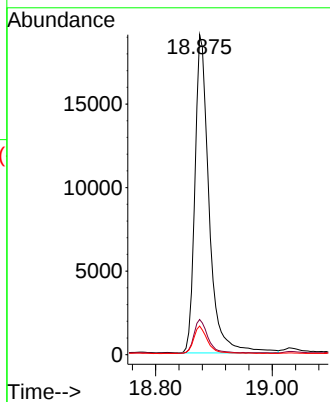
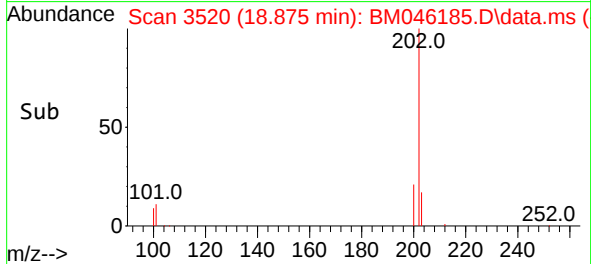
Instrument :
BNA_M
ClientSampleId :
A4BP7DL



Tgt Ion:202 Resp: 32194
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.9 7.6 11.4

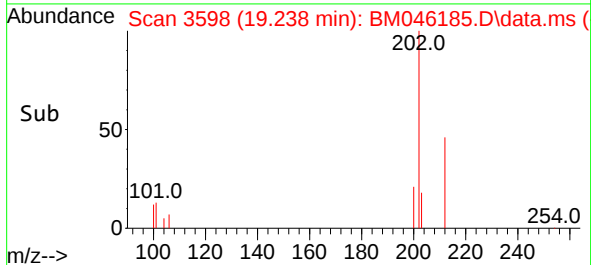
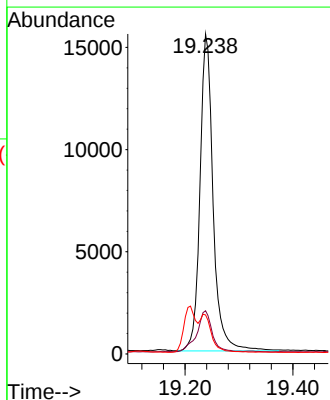
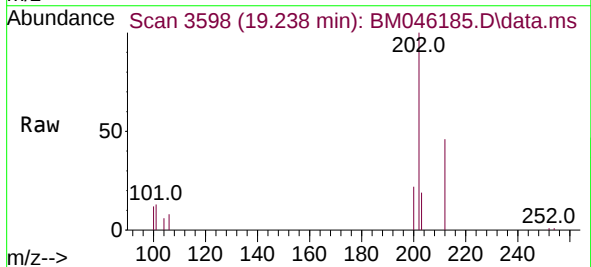
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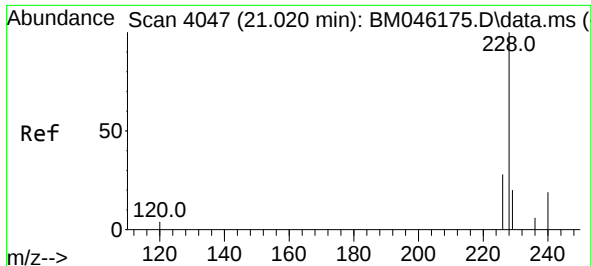
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 0.724 ng/u1
RT: 19.238 min Scan# 3598
Delta R.T. -0.037 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

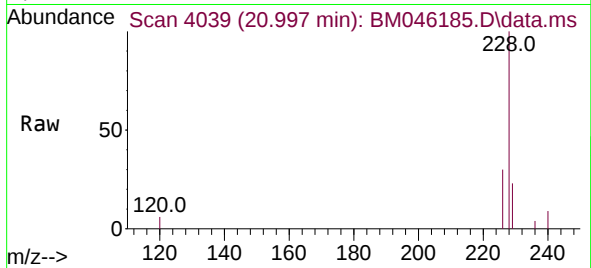
Tgt Ion:202 Resp: 26284
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

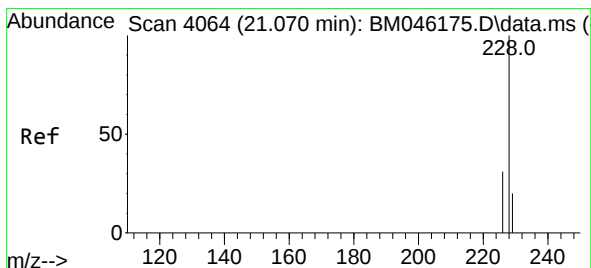
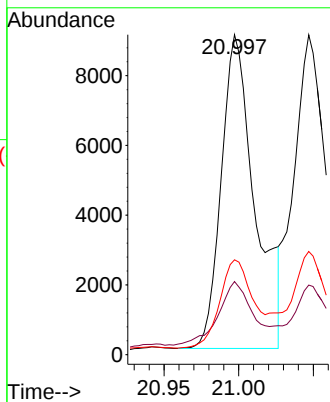
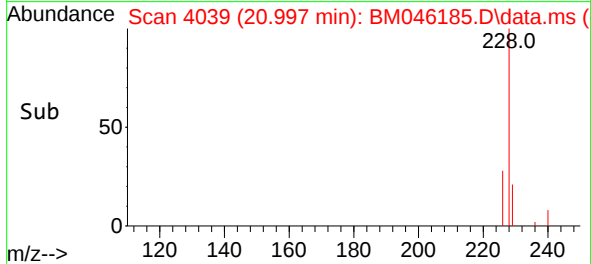
Instrument :
BNA_M
ClientSampleId :
A4BP7DL



Tgt Ion:228 Resp: 1406
Ion Ratio Lower Upper
228 100
229 22.8 16.4 24.6
226 29.7 23.4 35.2

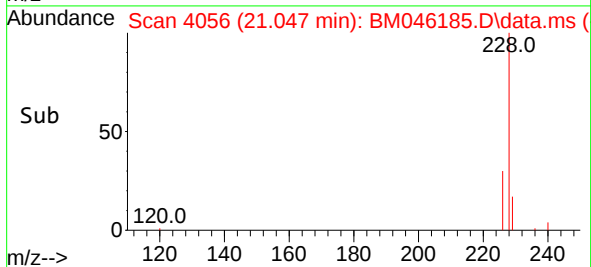
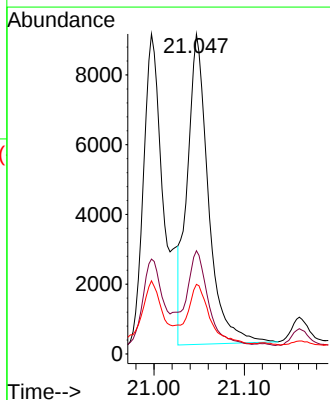
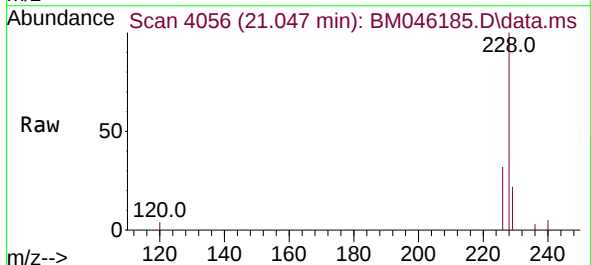
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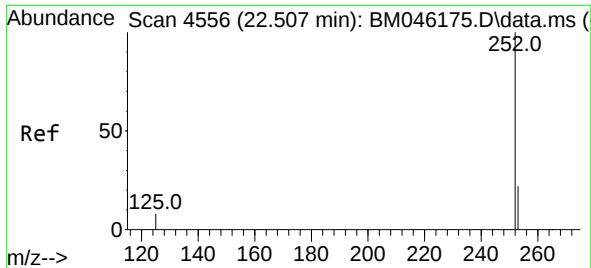
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.029 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

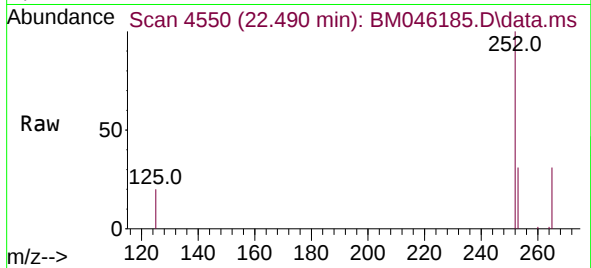
Tgt Ion:228 Resp: 14459
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 21.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.601 ng/ul m
RT: 22.490 min Scan# 4556
Delta R.T. -0.029 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

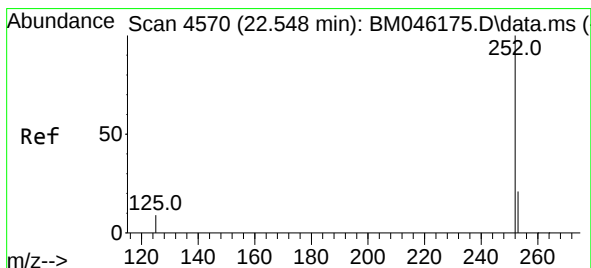
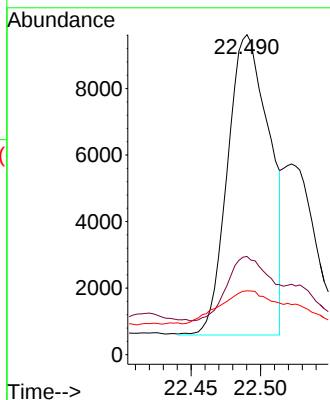
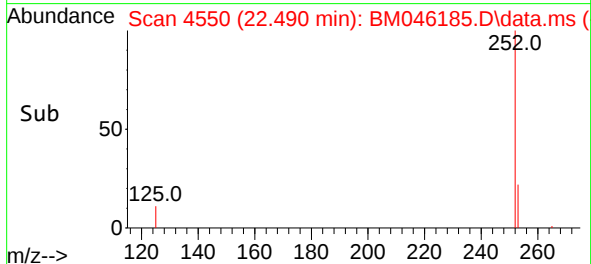
Instrument :
BNA_M
ClientSampleId :
A4BP7DL



Tgt Ion:252 Resp: 18838
Ion Ratio Lower Upper
252 100
253 30.7 0.0 65.8
125 19.9 0.0 40.2

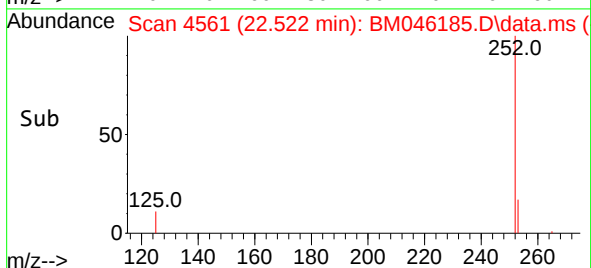
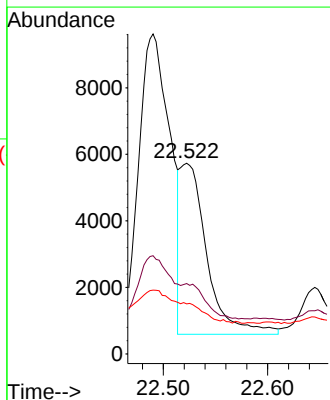
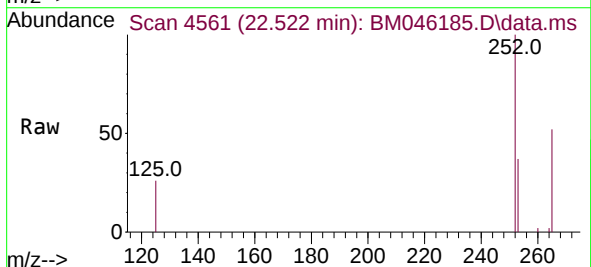
Manual Integrations
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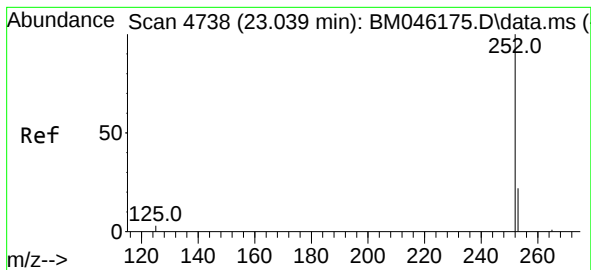
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.246 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

Tgt Ion:252 Resp: 9172
Ion Ratio Lower Upper
252 100
253 36.9 27.2 40.8
125 26.3 16.6 25.0#





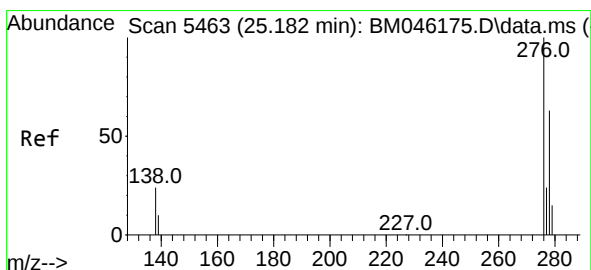
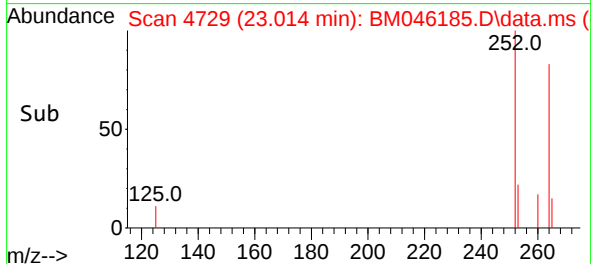
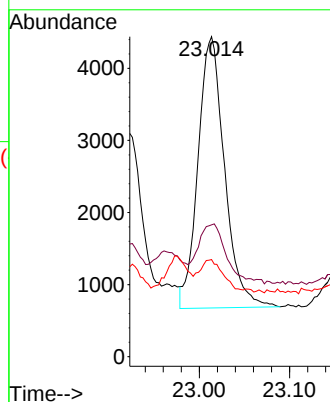
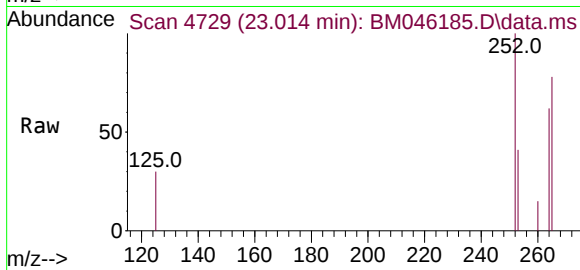
#26
Benzo(a)pyrene
Concen: 0.265 ng/ul
RT: 23.014 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

Instrument :
BNA_M
ClientSampleId :
A4BP7DL

Tgt Ion:252 Resp: 768
Ion Ratio Lower Upper
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253 41.2 32.1 48.1
125 30.3 21.2 31.8

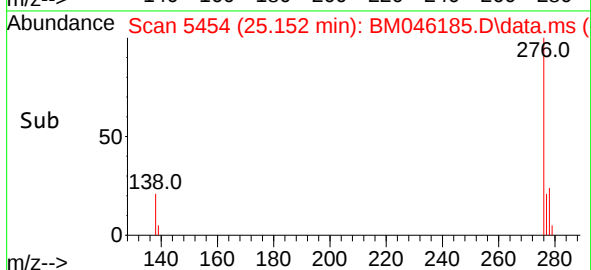
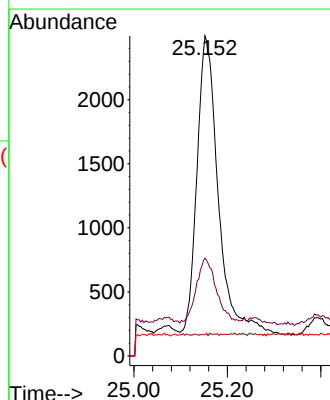
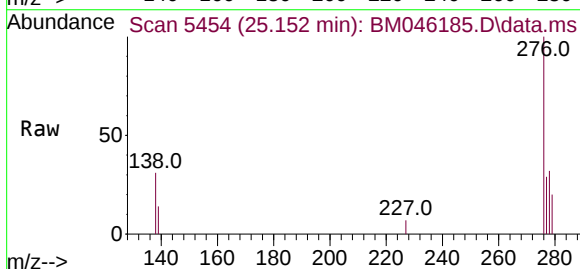
Manual Integrations
APPROVED

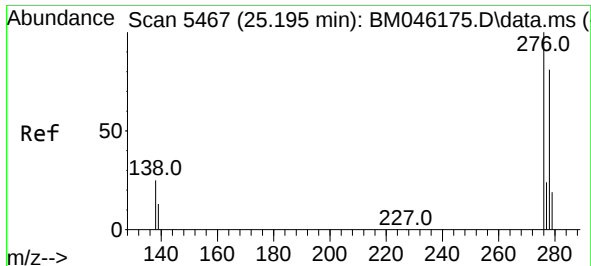
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.050 min
Lab File: BM046185.D
Acq: 22 Jun 2024 07:10

Tgt Ion:276 Resp: 7379
Ion Ratio Lower Upper
276 100
138 21.3 21.0 31.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.064 ng/ul

RT: 25.159 min Scan# 5467

Delta R.T. -0.057 min

Lab File: BM046185.D

Acq: 22 Jun 2024 07:10

Instrument :

BNA_M

ClientSampleId :

A4BP7DL

Tgt Ion:278 Resp: 224

Ion Ratio Lower Upper

278 100

139 43.4 17.6 26.4

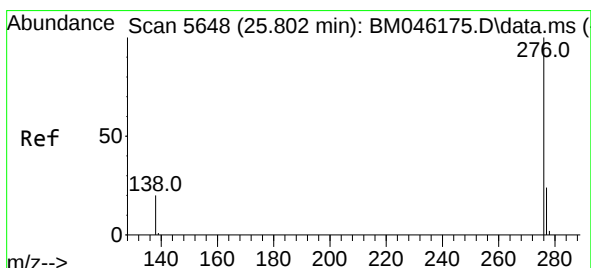
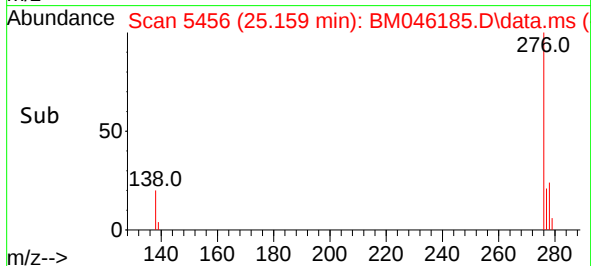
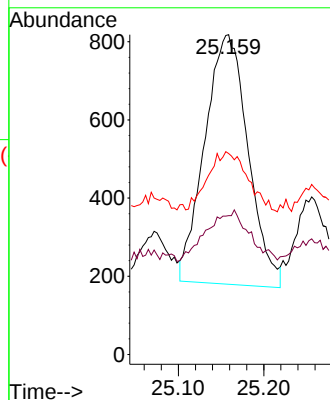
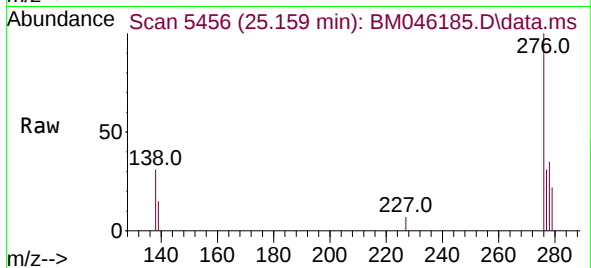
279 62.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

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#29

Benzo(g,h,i)perylene

Concen: 0.029 ng/ul

RT: 25.779 min Scan# 5641

Delta R.T. -0.050 min

Lab File: BM046185.D

Acq: 22 Jun 2024 07:10

Tgt Ion:276 Resp: 1182

Ion Ratio Lower Upper

276 100

138 64.0 21.7 32.5

277 52.6 20.4 30.6

