

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046210.D
 Acq On : 22 Jun 2024 23:11
 Operator : MA/JU
 Sample : P2754-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 01:08:57 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	7.421	152	2274	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	6559	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	3886	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7580	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	6391	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	7219m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3007	0.964	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	584	0.066	ng/ul	-0.02
18) Fluoranthene-d10	18.849	212	1429	0.075	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.265	128	549	0.030	ng/ul#	46
10) Acenaphthylene	13.794	152	1129	0.061	ng/ul#	75
11) Acenaphthene	14.136	153	740	0.056	ng/ul	96
12) Fluorene	15.131	166	845	0.059	ng/ul#	92
15) Phenanthrene	16.858	178	16157	0.759	ng/ul	97
16) Anthracene	16.951	178	3297	0.208	ng/ul#	92
19) Fluoranthene	18.877	202	36680	1.326	ng/ul	97
20) Pyrene	19.239	202	26664	0.891	ng/ul	97
21) Benzo(a)anthracene	21.000	228	15917	0.645	ng/ul	98
22) Chrysene	21.049	228	16604	0.527	ng/ul	98
24) Benzo(b)fluoranthene	22.487	252	25568m	0.983	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	10978m	0.355	ng/ul	
26) Benzo(a)pyrene	23.010	252	8782	0.364	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.155	276	9556	0.242	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.155	278	2915	0.099	ng/ul#	72
29) Benzo(g,h,i)perylene	25.775	276	1341	0.040	ng/ul#	52

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

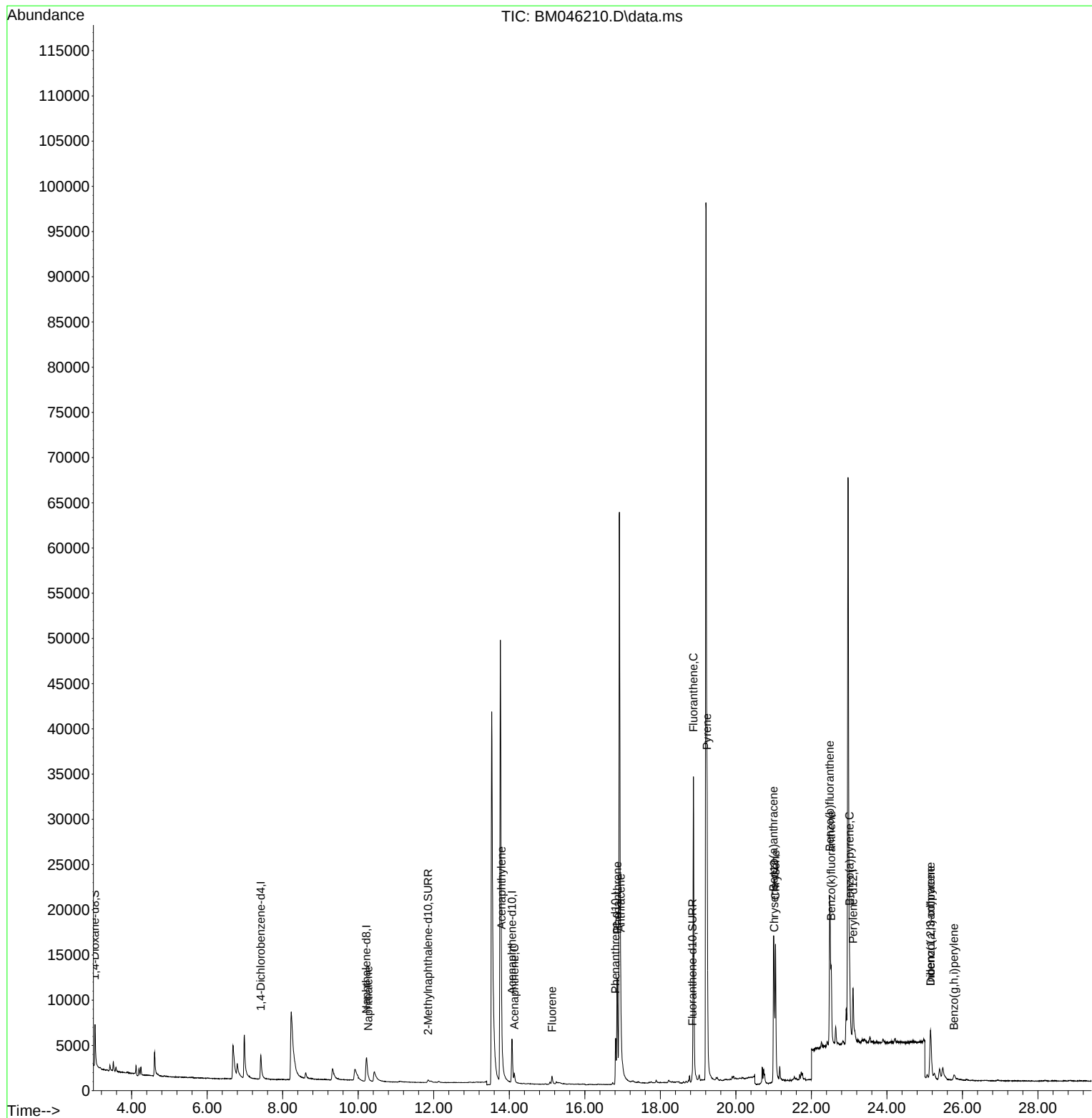
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046210.D
Acq On : 22 Jun 2024 23:11
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ALS Vial : 24 Sample Multiplier: 1

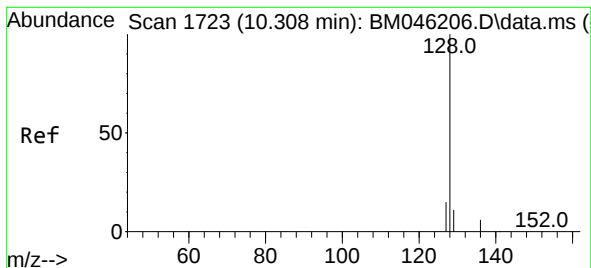
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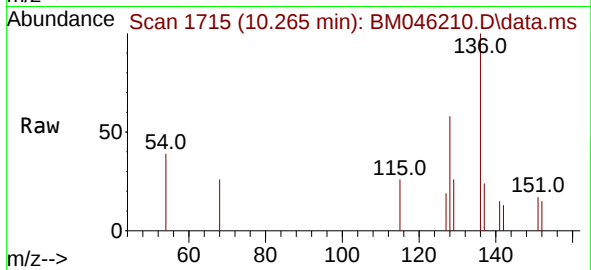
Quant Time: Jun 23 01:08:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/uI
RT: 10.265 min Scan# 1715
Delta R.T. -0.037 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

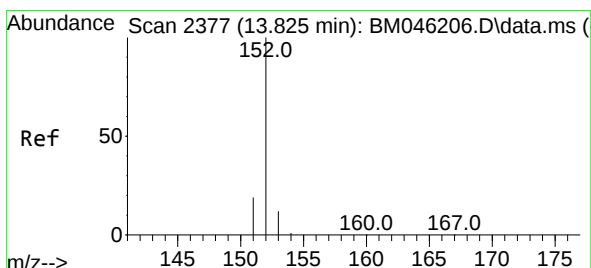
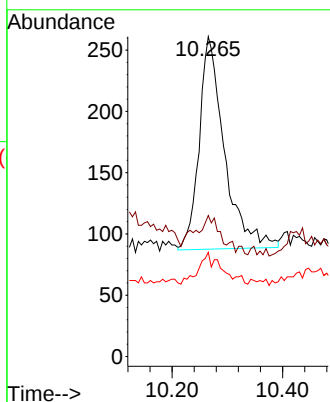
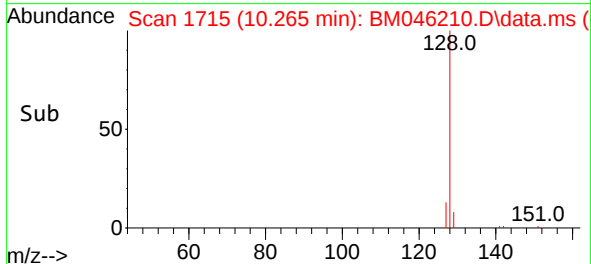
Instrument :
BNA_M
ClientSampleId :
A4BP9DL



Tgt Ion:128 Resp: 549
Ion Ratio Lower Upper
128 100
129 44.1 11.8 17.6#
127 32.6 12.8 19.2#

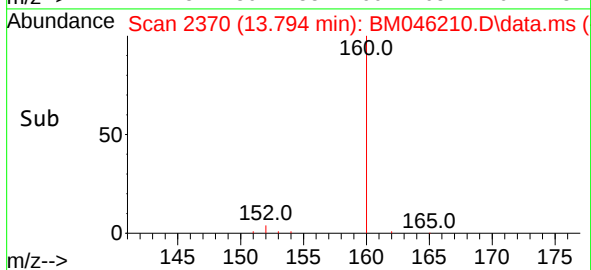
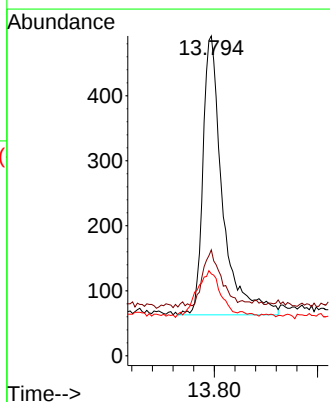
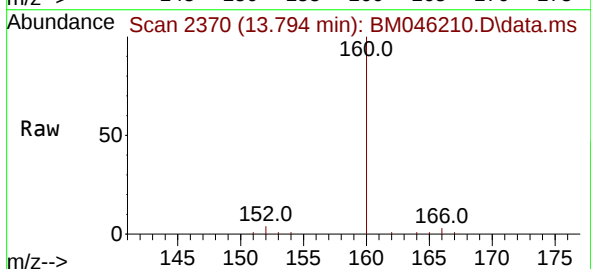
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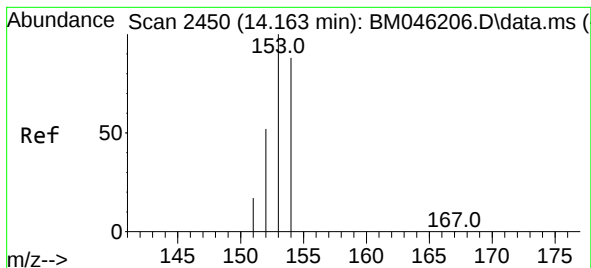
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.061 ng/uI
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:152 Resp: 1129
Ion Ratio Lower Upper
152 100
151 33.1 17.4 26.2#
153 25.6 11.8 17.8#





#11

Acenaphthene

Concen: 0.056 ng/u1

RT: 14.136 min Scan# 2444

Delta R.T. -0.036 min

Lab File: BM046210.D

Acq: 22 Jun 2024 23:11

Instrument :

BNA_M

ClientSampleId :

A4BP9DL

Tgt Ion:153 Resp: 740

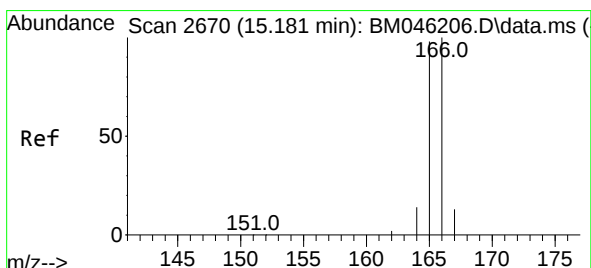
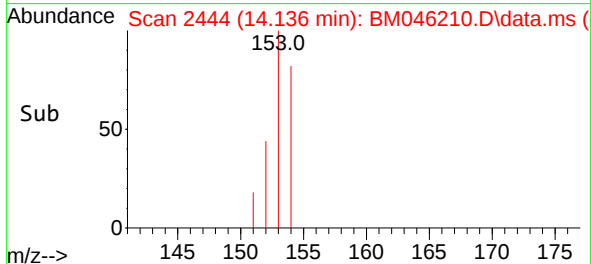
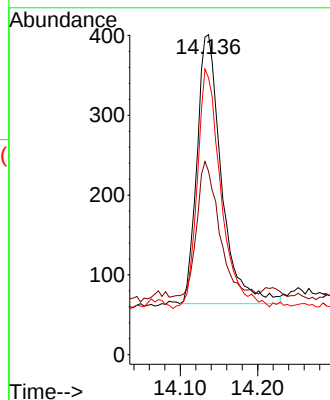
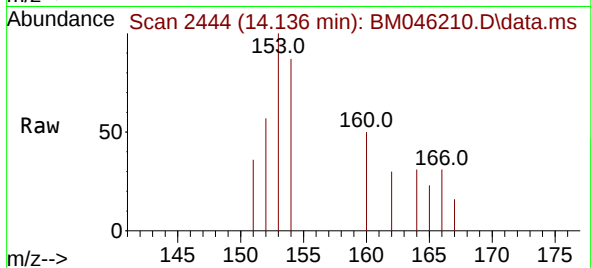
Ion	Ratio	Lower	Upper
153	100		
152	57.4	41.3	61.9
154	86.5	68.2	102.4

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#12

Fluorene

Concen: 0.059 ng/u1

RT: 15.131 min Scan# 2659

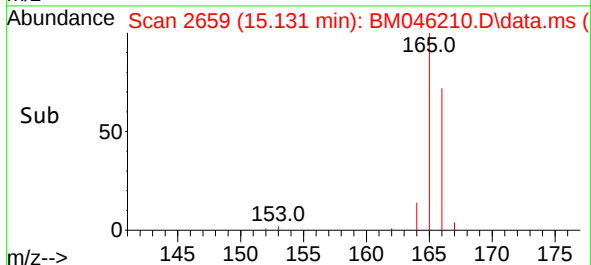
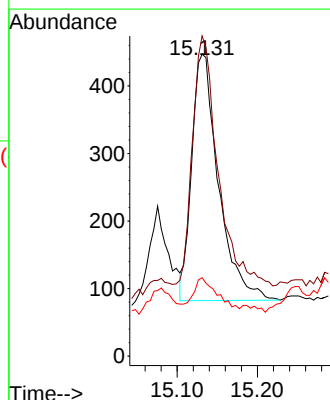
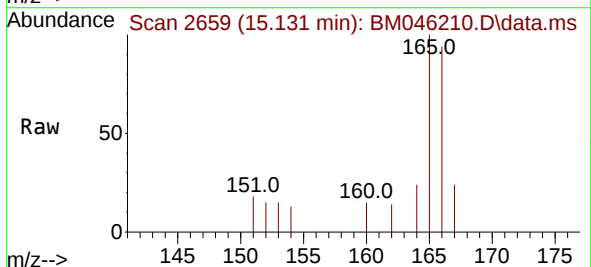
Delta R.T. -0.050 min

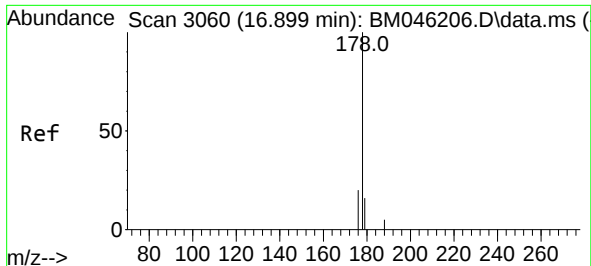
Lab File: BM046210.D

Acq: 22 Jun 2024 23:11

Tgt Ion:166 Resp: 845

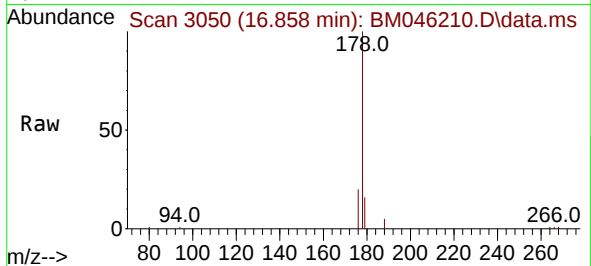
Ion	Ratio	Lower	Upper
166	100		
165	106.0	80.4	120.6
167	26.0	12.4	18.6





#15
Phenanthrene
Concen: 0.759 ng/u1
RT: 16.858 min Scan# 3050
Delta R.T. -0.045 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

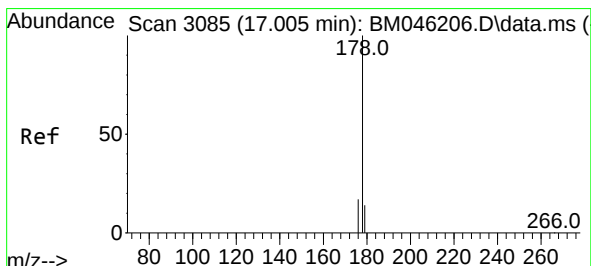
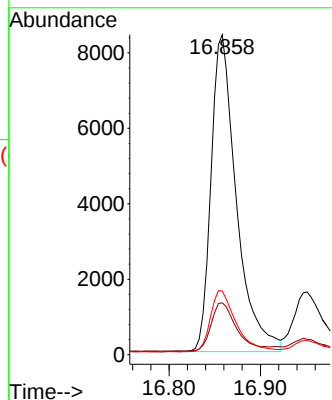
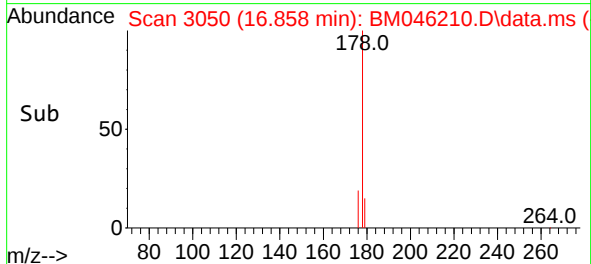
Instrument :
BNA_M
ClientSampleId :
A4BP9DL



Tgt Ion:178 Resp: 1615
Ion Ratio Lower Upper
178 100
179 16.2 14.2 21.2
176 19.9 17.1 25.7

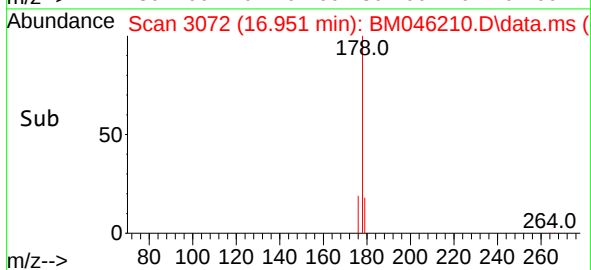
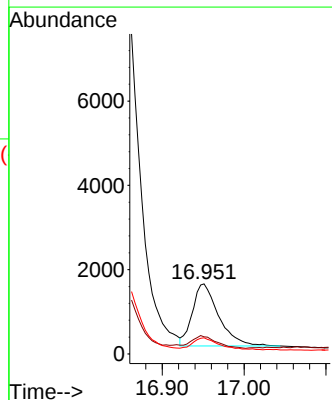
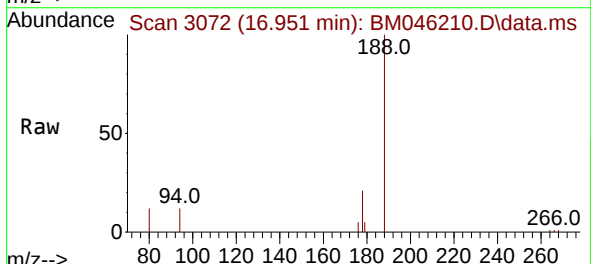
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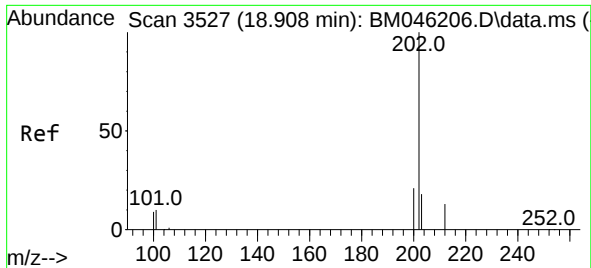
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.208 ng/u1
RT: 16.951 min Scan# 3072
Delta R.T. -0.054 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

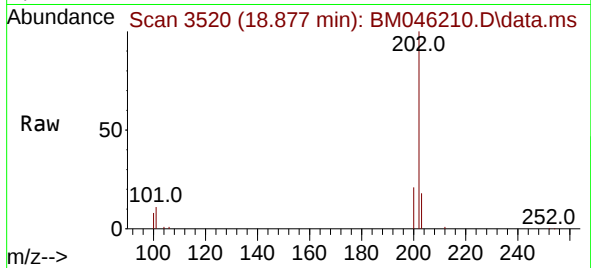
Tgt Ion:178 Resp: 3297
Ion Ratio Lower Upper
178 100
179 24.4 14.9 22.3#
176 23.0 17.0 25.4





#19
Fluoranthene
Concen: 1.326 ng/ul
RT: 18.877 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

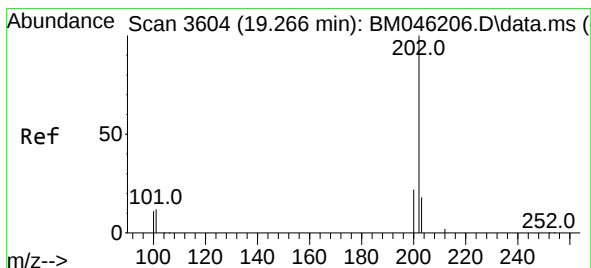
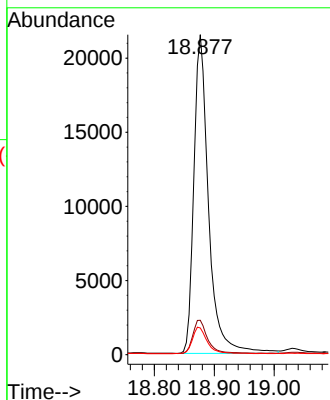
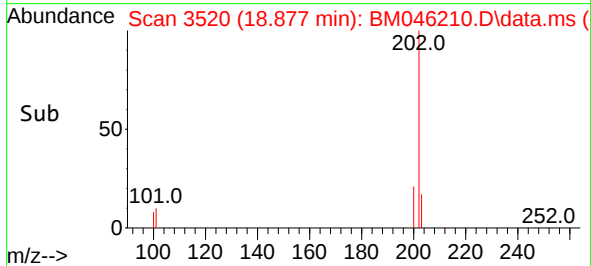
Instrument :
BNA_M
ClientSampleId :
A4BP9DL



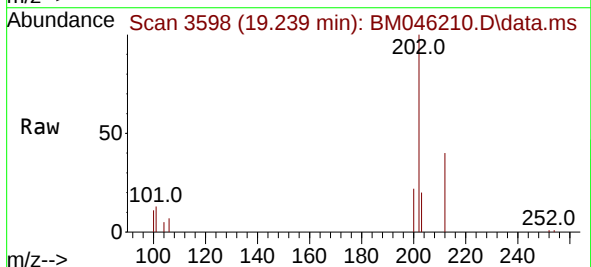
Tgt Ion:202 Resp: 36680
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.3 7.6 11.4

Manual Integrations
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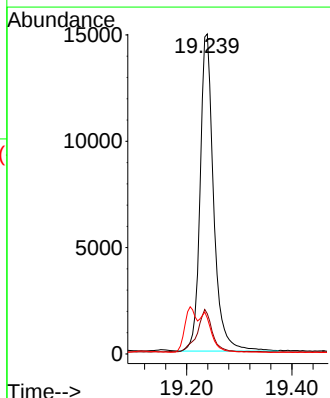
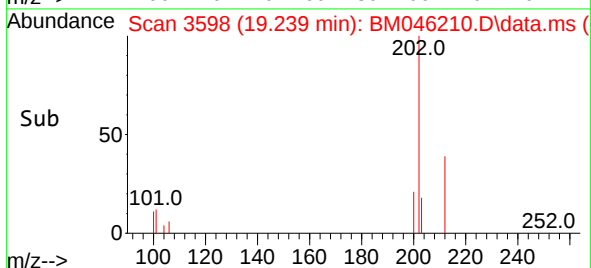
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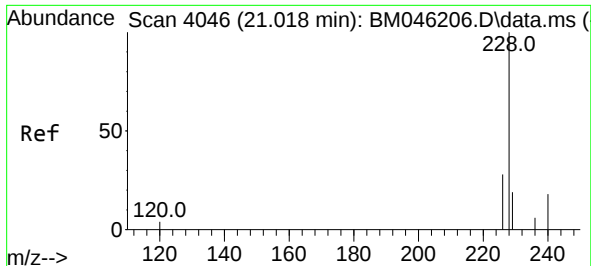


#20
Pyrene
Concen: 0.891 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11



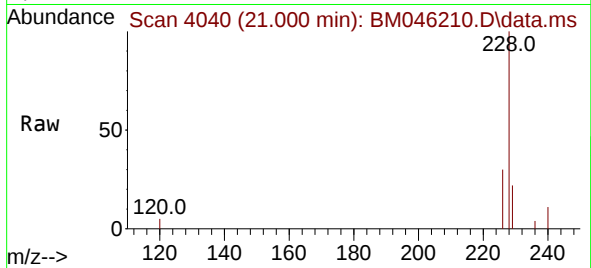
Tgt Ion:202 Resp: 26664
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.645 ng/ul
RT: 21.000 min Scan# 4046
Delta R.T. -0.030 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

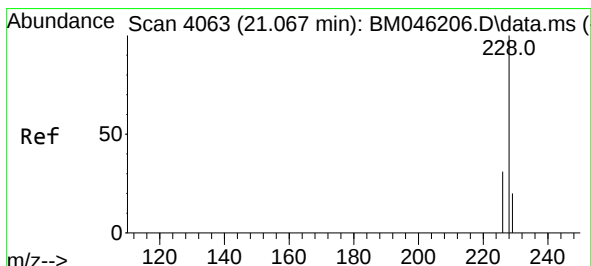
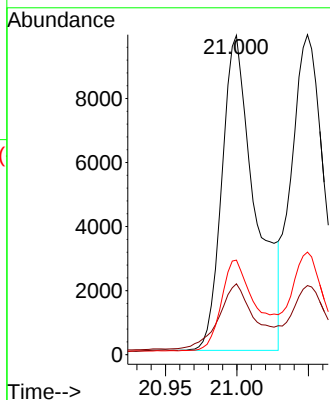
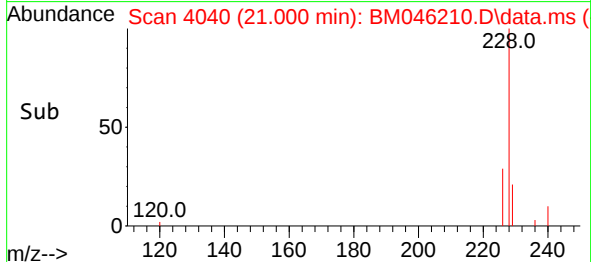
Instrument :
BNA_M
ClientSampleId :
A4BP9DL



Tgt Ion:228 Resp: 15917
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 29.6 23.4 35.2

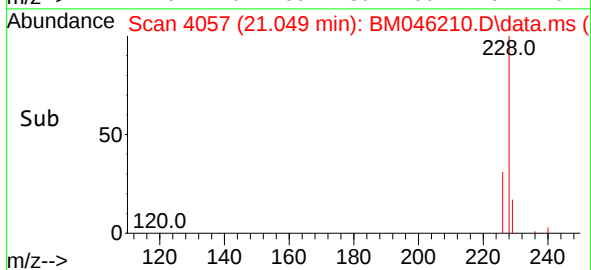
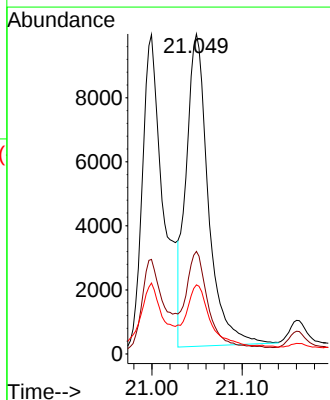
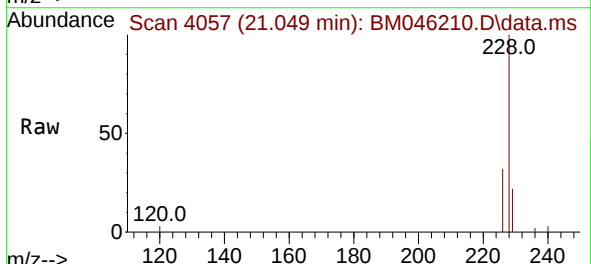
Manual Integrations
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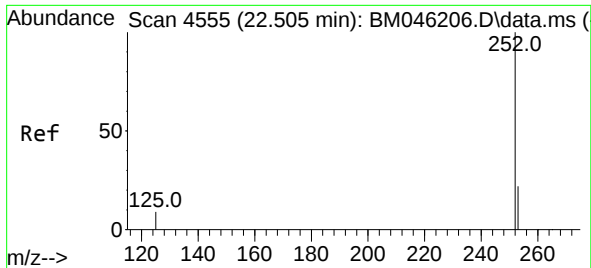
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 0.527 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

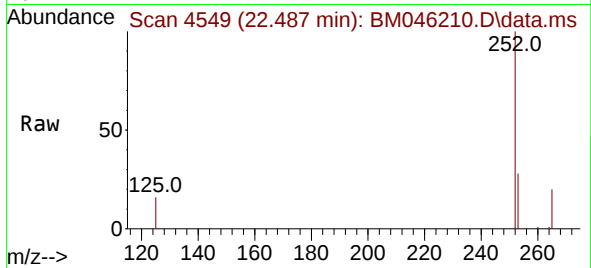
Tgt Ion:228 Resp: 16604
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 21.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.983 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

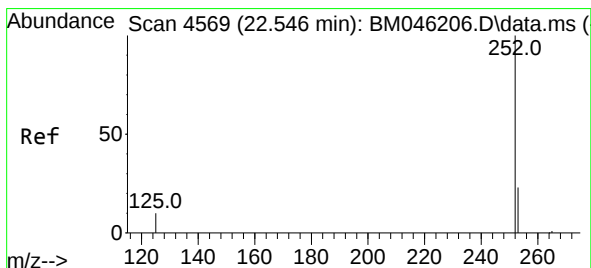
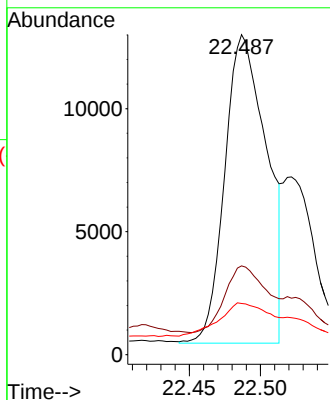
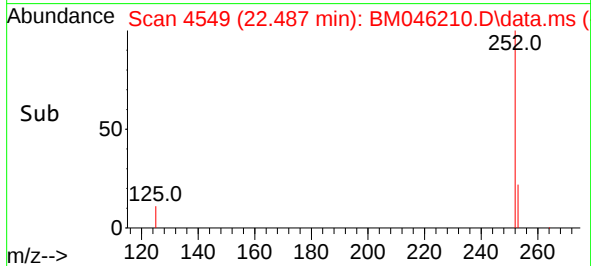
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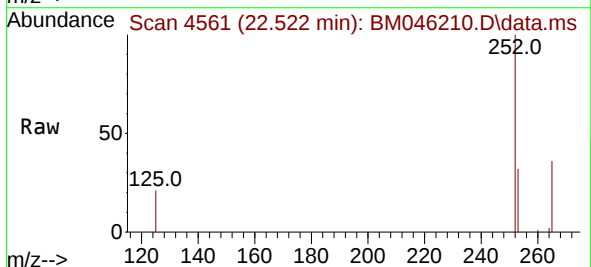
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Ion Ratio Lower Upper
252 100
253 27.8 0.0 65.8
125 16.0 0.0 40.2

Manual Integrations
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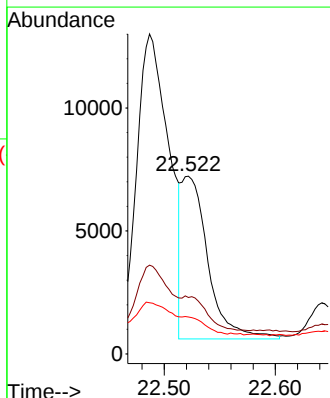
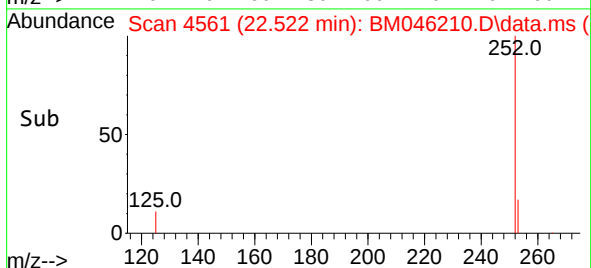
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

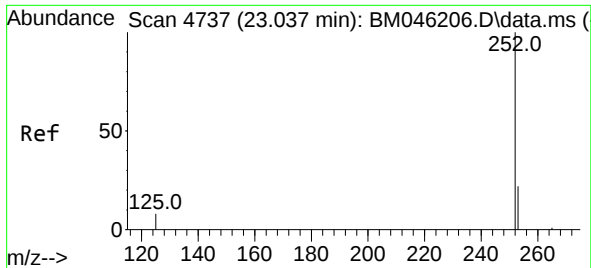


#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11



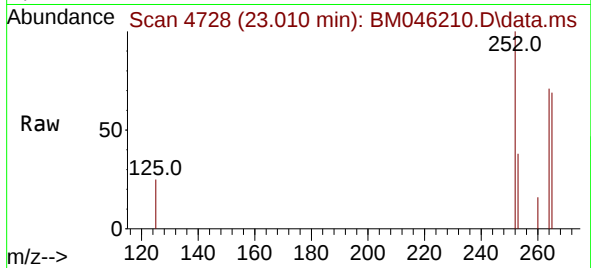
Tgt Ion:252 Resp: 10978
Ion Ratio Lower Upper
252 100
253 31.8 27.2 40.8
125 20.8 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.010 min Scan# 4728
Delta R.T. -0.044 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

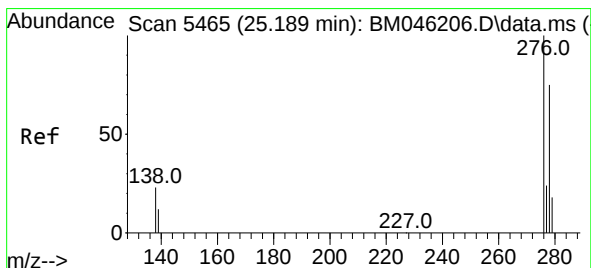
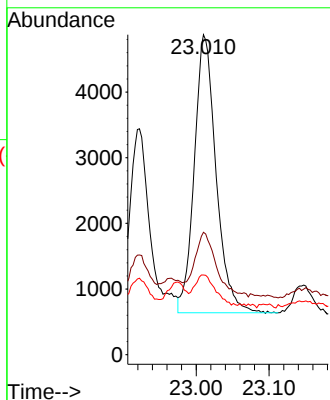
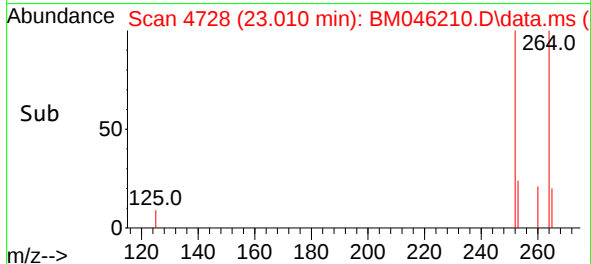
Instrument :
BNA_M
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A4BP9DL



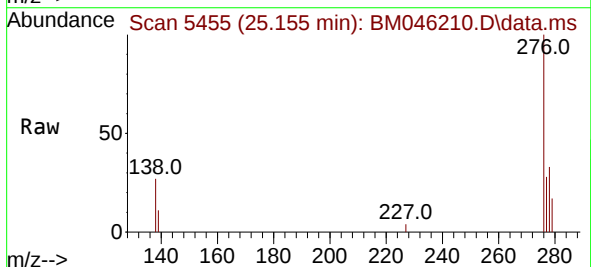
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Ion Ratio Lower Upper
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253 38.3 32.1 48.1
125 24.9 21.2 31.8

Manual Integrations
APPROVED

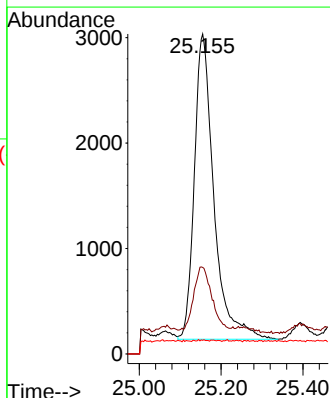
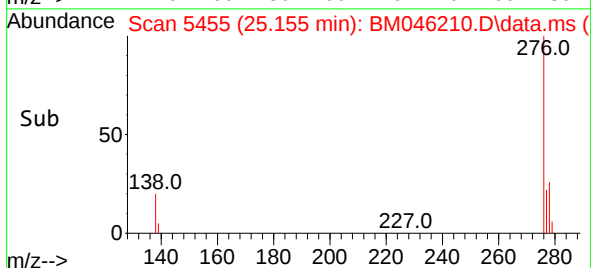
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

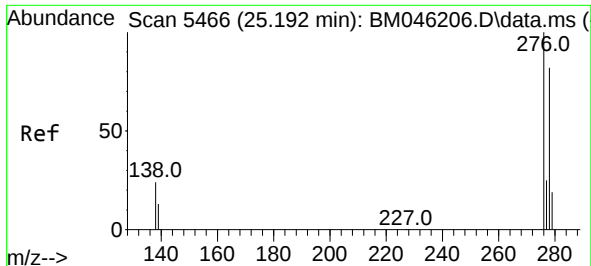


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11



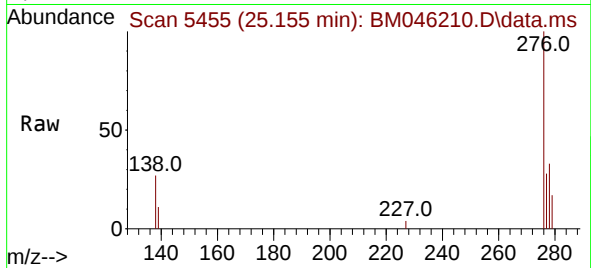
Tgt Ion:276 Resp: 9556
Ion Ratio Lower Upper
276 100
138 20.8 21.0 31.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.155 min Scan# 5466
Delta R.T. -0.061 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

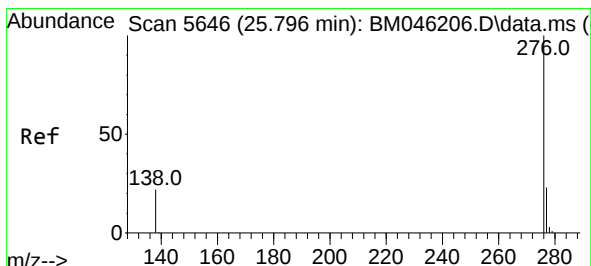
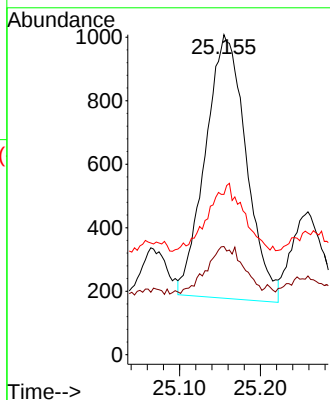
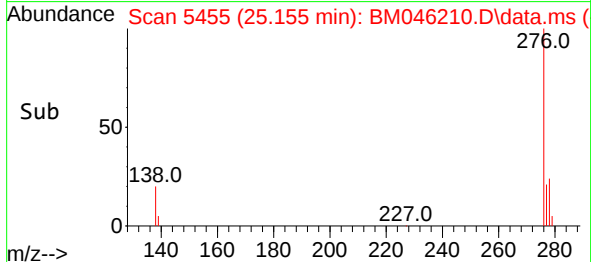
Instrument :
BNA_M
ClientSampleId :
A4BP9DL



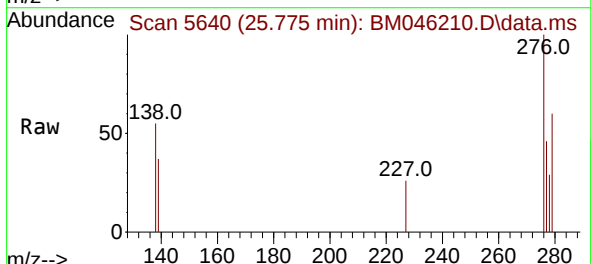
Tgt Ion:278 Resp: 2915
Ion Ratio Lower Upper
278 100
139 33.8 17.6 26.4#
279 50.1 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 25.775 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11



Tgt Ion:276 Resp: 1341
Ion Ratio Lower Upper
276 100
138 55.4 21.7 32.5#
277 46.2 20.4 30.6#

