

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046310.D
 Acq On : 26 Jun 2024 03:02
 Operator : MA/JU
 Sample : P2844-24DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C49DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 04:13:28 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 : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2576	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	7622	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.049	164	4212	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.799	188	8397	0.400	ng/ul	-0.04
17) Chrysene-d12	21.000	240	6917	0.400	ng/ul	-0.02
23) Perylene-d12	23.086	264	8100m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	2180	0.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.761	152	653	0.064	ng/ul	-0.08
18) Fluoranthene-d10	18.830	212	1237	0.060	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.233	128	632	0.030	ng/ul#	65
7) 2-Methylnaphthalene	11.833	142	276	0.023	ng/ul	89
10) Acenaphthylene	13.771	152	1365	0.068	ng/ul#	78
11) Acenaphthene	14.109	153	759	0.053	ng/ul	94
12) Fluorene	15.113	166	832	0.054	ng/ul#	91
15) Phenanthrene	16.842	178	15265	0.647	ng/ul	97
16) Anthracene	16.930	178	3174	0.181	ng/ul#	93
19) Fluoranthene	18.863	202	27795	0.928	ng/ul	96
20) Pyrene	19.221	202	23236	0.717	ng/ul	98
21) Benzo(a)anthracene	20.985	228	13133	0.492	ng/ul	97
22) Chrysene	21.035	228	12908	0.379	ng/ul	97
24) Benzo(b)fluoranthene	22.475	252	19640m	0.673	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	7505m	0.216	ng/ul	
26) Benzo(a)pyrene	22.996	252	8029	0.297	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.125	276	8888	0.201	ng/ul#	60
28) Dibenzo(a,h)anthracene	25.128	278	2118m	0.064	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	1485	0.039	ng/ul#	27

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

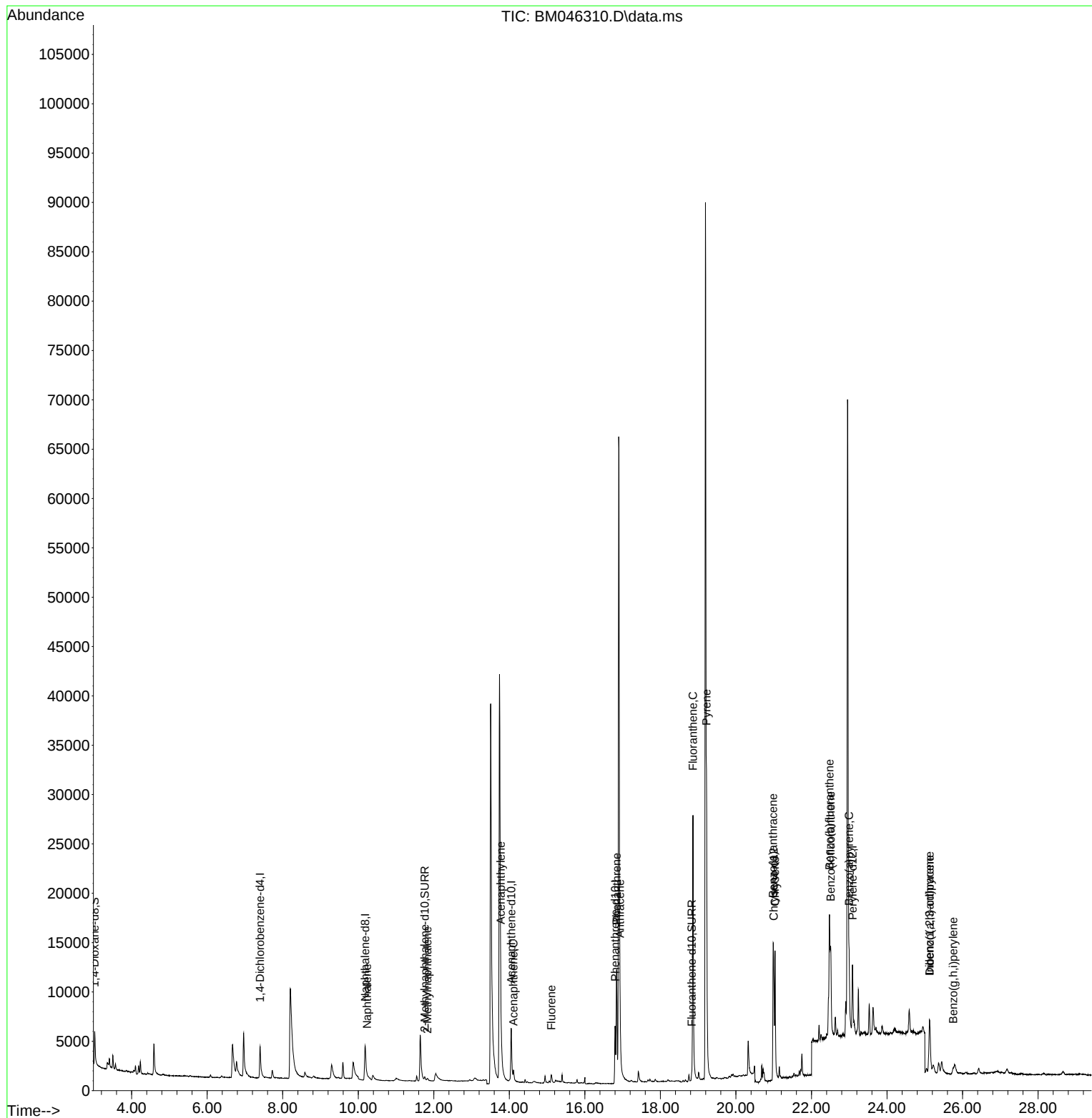
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046310.D
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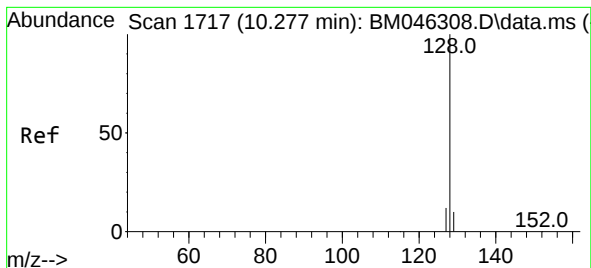
Instrument :
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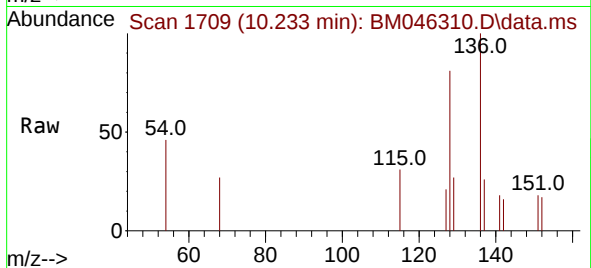
Quant Time: Jun 26 04:13:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.233 min Scan# 1717
Delta R.T. -0.044 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

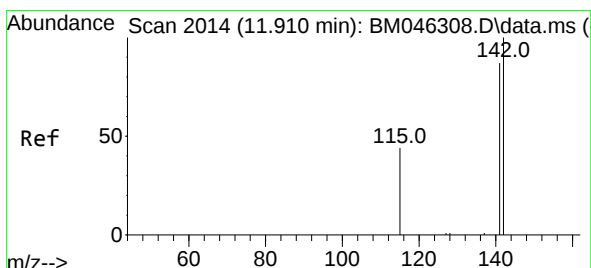
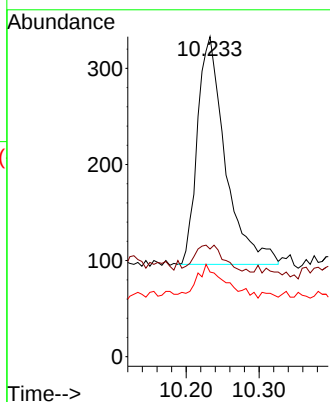
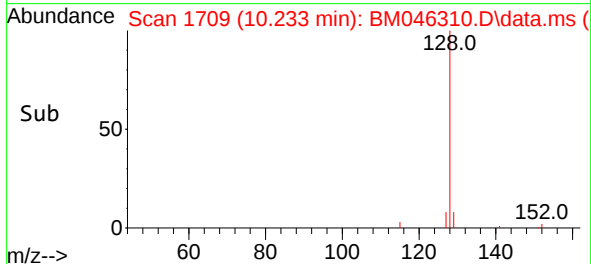
Instrument :
BNA_M
ClientSampleId :
A4C49DL



Tgt Ion:128 Resp: 632
Ion Ratio Lower Upper
128 100
129 33.6 11.8 17.6
127 26.4 12.8 19.2

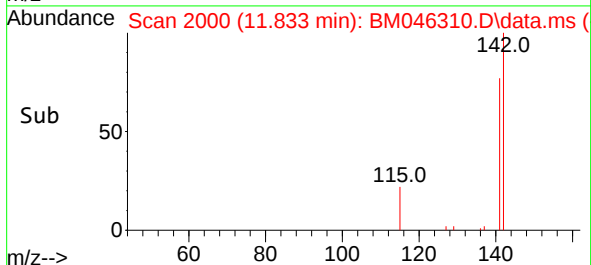
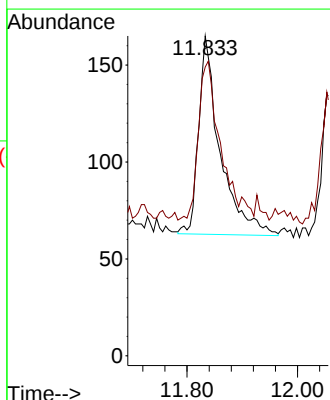
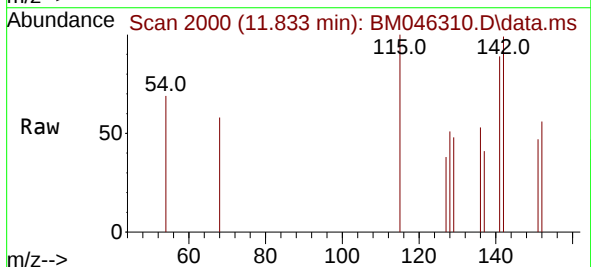
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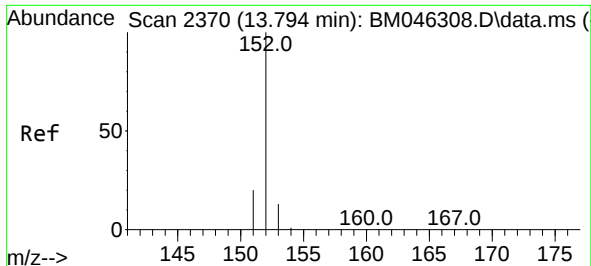
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.833 min Scan# 2000
Delta R.T. -0.077 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

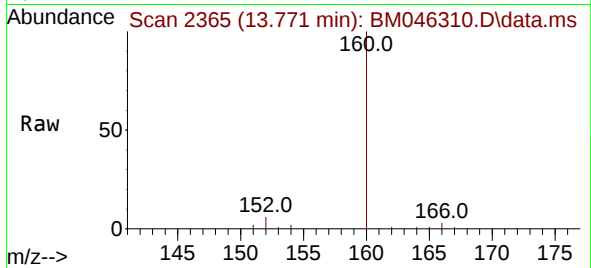
Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
141 82.6 74.6 111.8





#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 13.771 min Scan# 2136
Delta R.T. -0.023 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

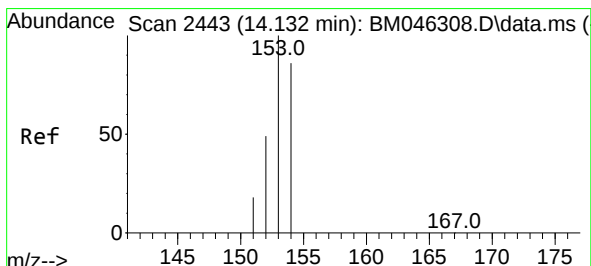
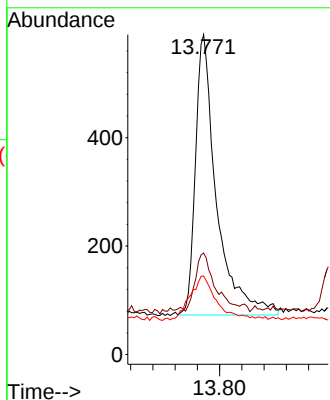
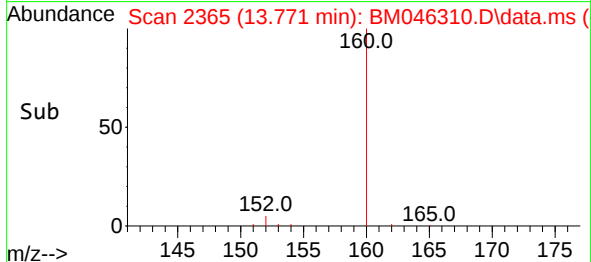
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BNA_M
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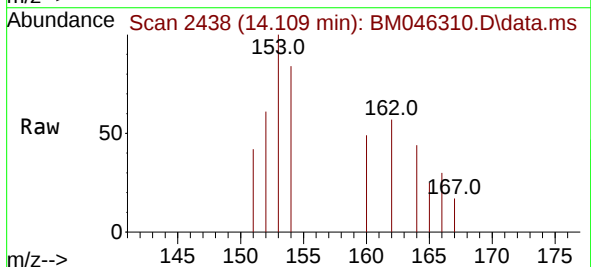
Tgt Ion:152 Resp: 136
Ion Ratio Lower Upper
152 100
151 31.7 17.4 26.2
153 24.6 11.8 17.8

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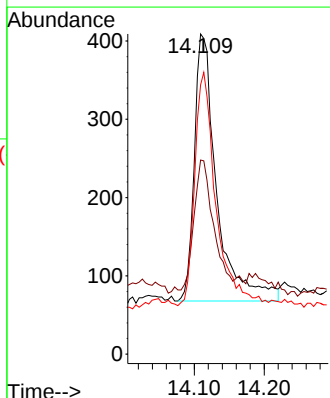
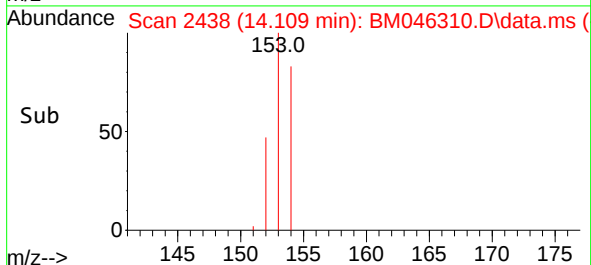
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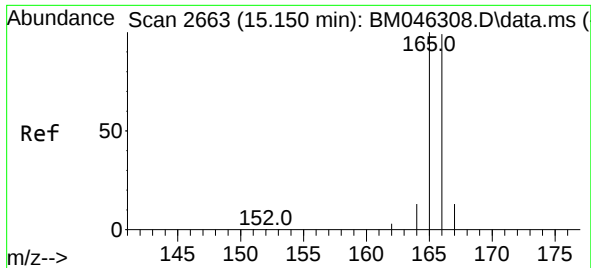


#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.109 min Scan# 2438
Delta R.T. -0.023 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02



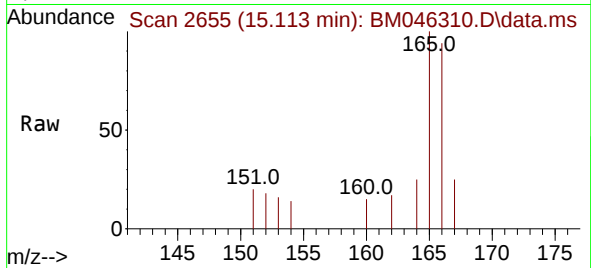
Tgt Ion:153 Resp: 759
Ion Ratio Lower Upper
153 100
152 60.6 41.3 61.9
154 84.1 68.2 102.4





#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.113 min Scan# 20655
Delta R.T. -0.037 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

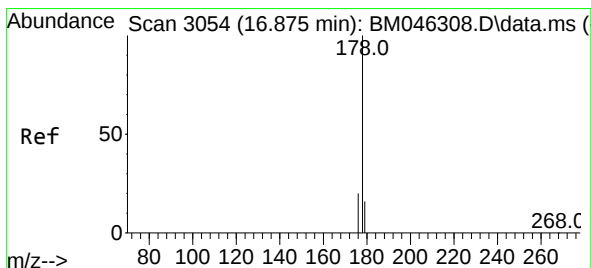
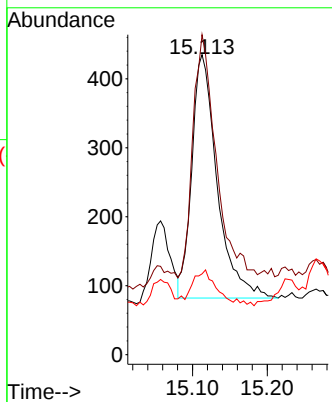
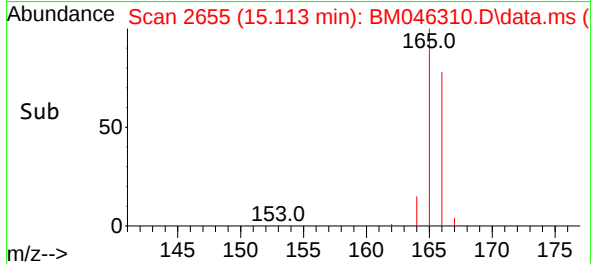
Instrument :
BNA_M
ClientSampleId :
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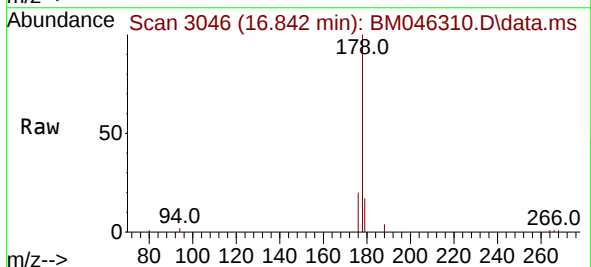
Tgt Ion:166 Resp: 832
Ion Ratio Lower Upper
166 100
165 106.7 80.4 120.6
167 26.9 12.4 18.6

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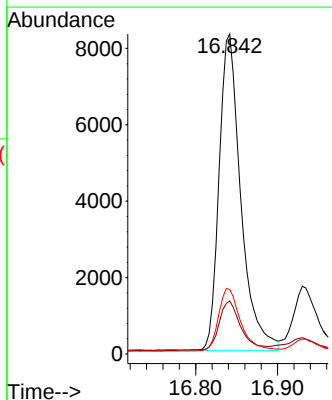
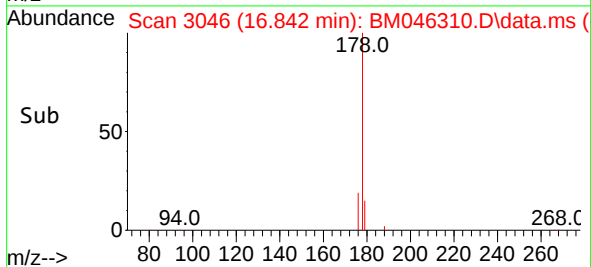
Reviewed By :Yogesh Patel 06/26/2024
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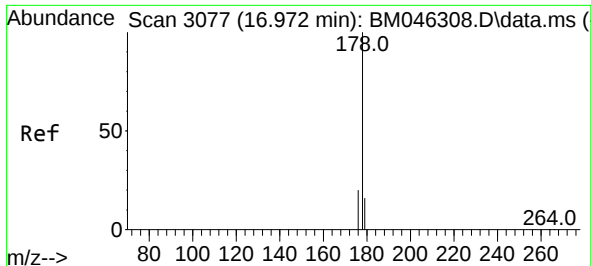


#15
Phenanthrene
Concen: 0.647 ng/ul
RT: 16.842 min Scan# 3046
Delta R.T. -0.034 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02



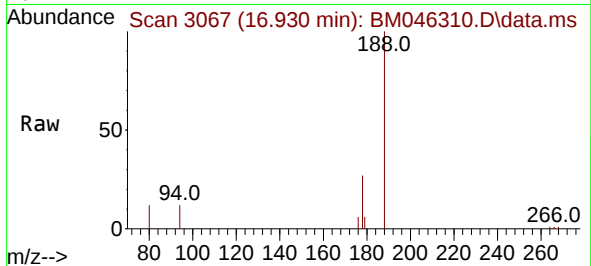
Tgt Ion:178 Resp: 15265
Ion Ratio Lower Upper
178 100
179 16.6 14.2 21.2
176 20.1 17.1 25.7





#16
 Anthracene
 Concen: 0.181 ng/ul
 RT: 16.930 min Scan# 3077
 Delta R.T. -0.042 min
 Lab File: BM046310.D
 Acq: 26 Jun 2024 03:02

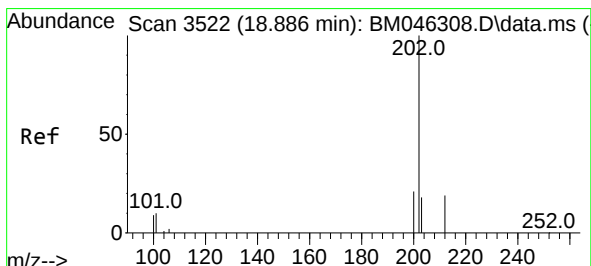
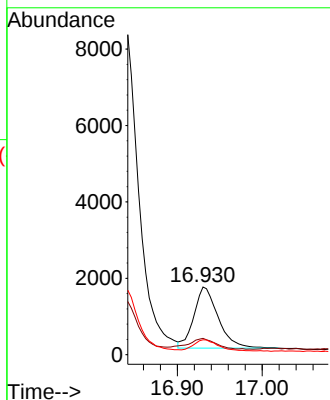
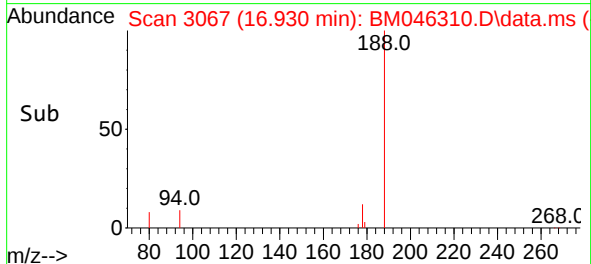
Instrument :
 BNA_M
 ClientSampleId :
 A4C49DL



Tgt Ion:178 Resp: 3174
 Ion Ratio Lower Upper
 178 100
 179 24.0 14.9 22.3
 176 22.0 17.0 25.4

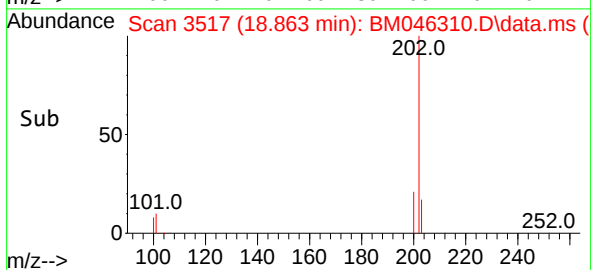
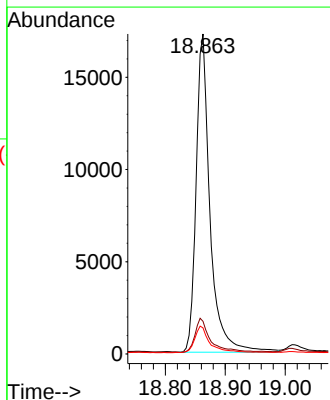
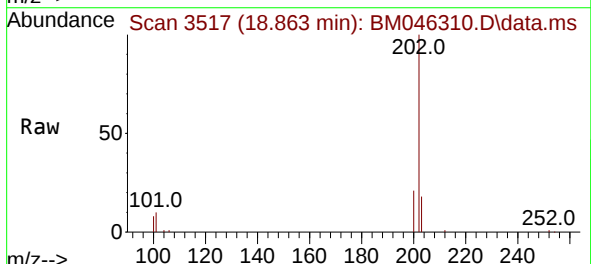
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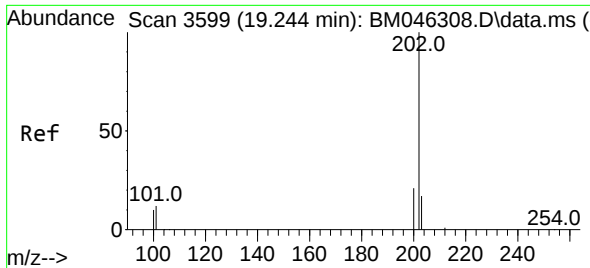
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.928 ng/ul
 RT: 18.863 min Scan# 3517
 Delta R.T. -0.023 min
 Lab File: BM046310.D
 Acq: 26 Jun 2024 03:02

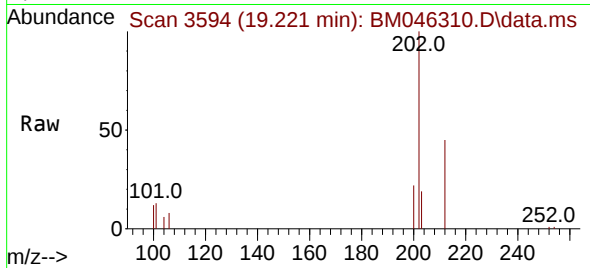
Tgt Ion:202 Resp: 27795
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.6 14.4
 100 8.1 7.6 11.4





#20
Pyrene
Concen: 0.717 ng/u1
RT: 19.221 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

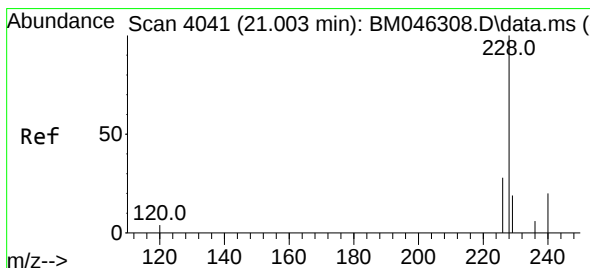
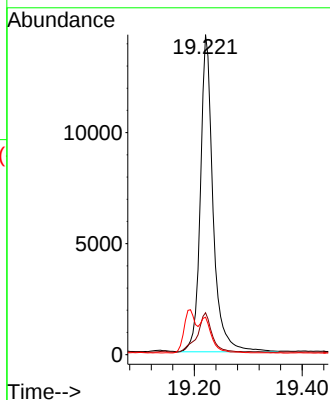
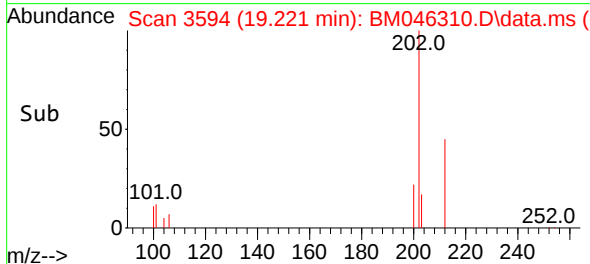
Instrument :
BNA_M
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A4C49DL



Tgt Ion:202 Resp: 23230
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 11.7 9.8 14.6

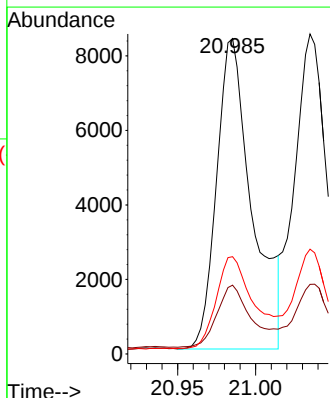
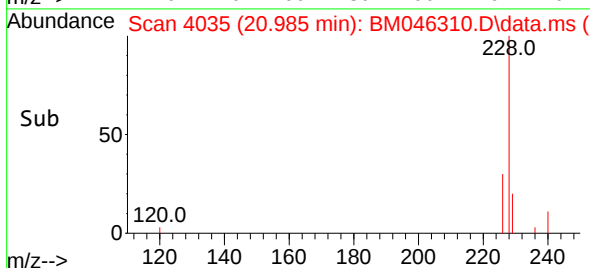
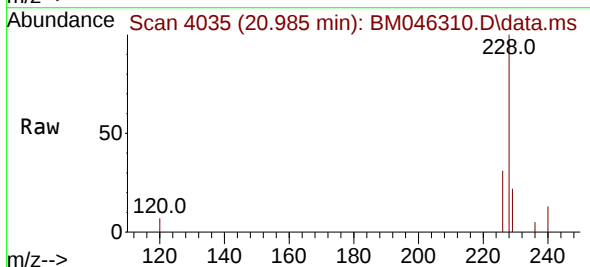
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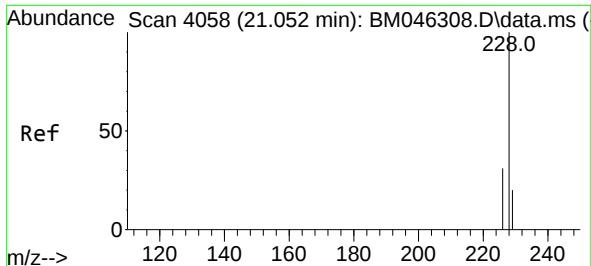
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.492 ng/u1
RT: 20.985 min Scan# 4035
Delta R.T. -0.017 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

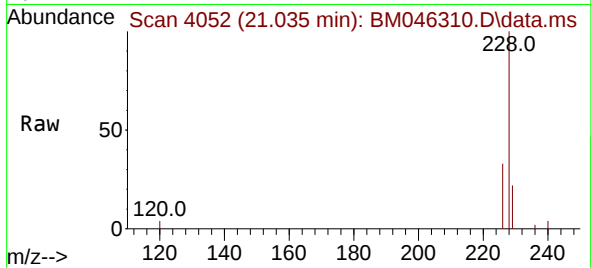
Tgt Ion:228 Resp: 13133
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 30.9 23.4 35.2





#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.035 min Scan# 4058
Delta R.T. -0.017 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

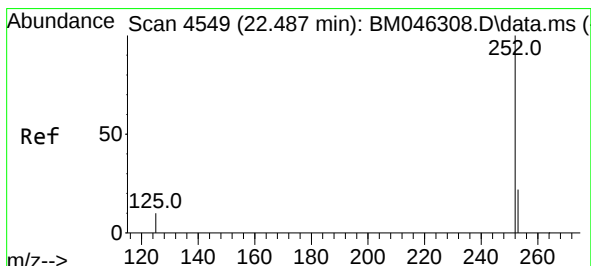
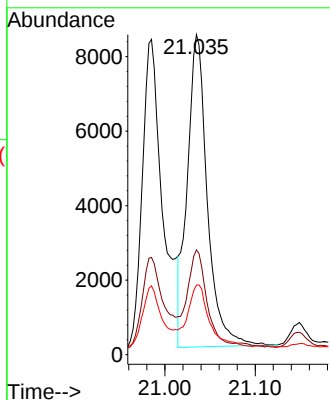
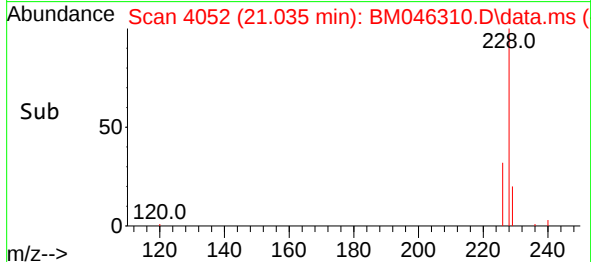
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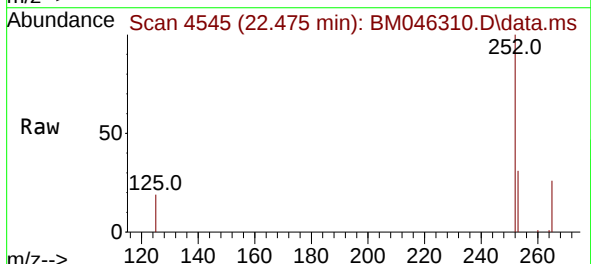
Tgt Ion:228 Resp: 12908
Ion Ratio Lower Upper
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226 32.7 25.2 37.8
229 21.8 16.3 24.5

Manual Integrations
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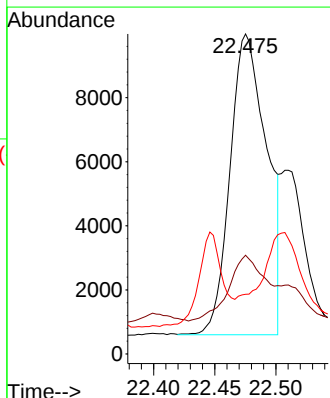
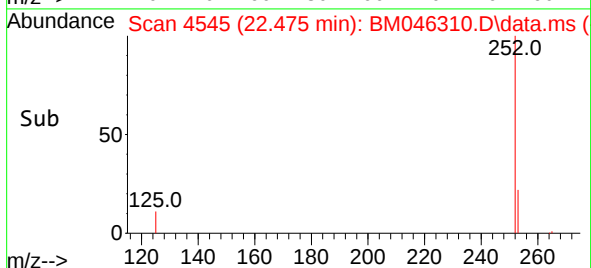
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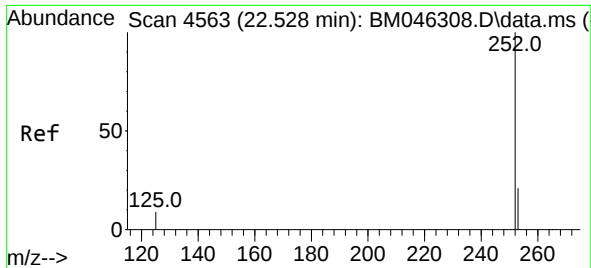


#24
Benzo(b)fluoranthene
Concen: 0.673 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.012 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02



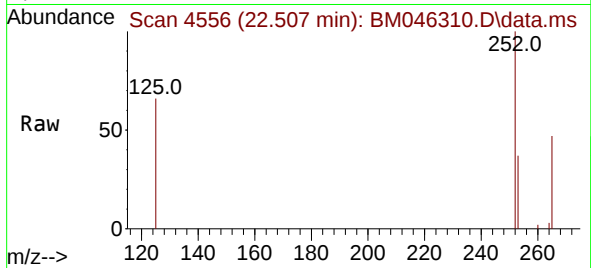
Tgt Ion:252 Resp: 19640
Ion Ratio Lower Upper
252 100
253 30.9 0.0 65.8
125 18.6 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 22.507 min Scan# 4556
Delta R.T. -0.020 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

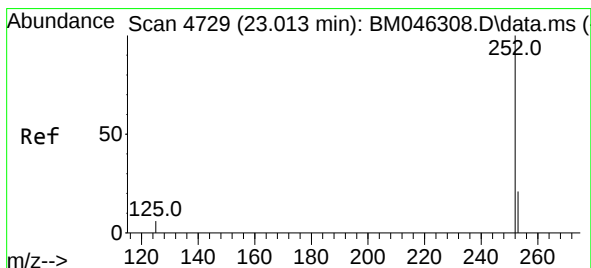
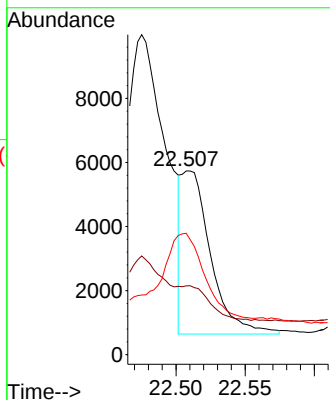
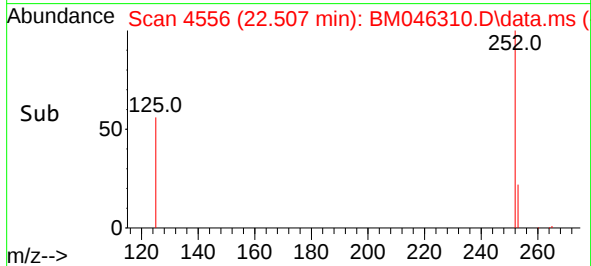
Instrument :
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Tgt Ion:252 Resp: 750
Ion Ratio Lower Upper
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125 66.1 16.6 25.0

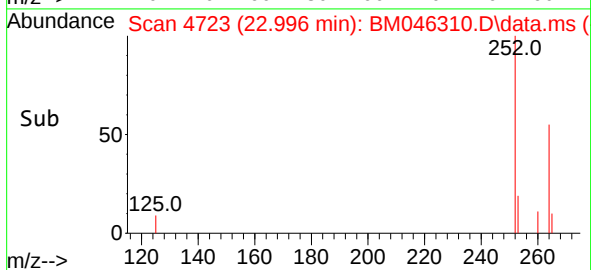
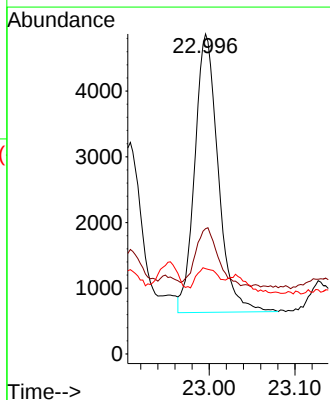
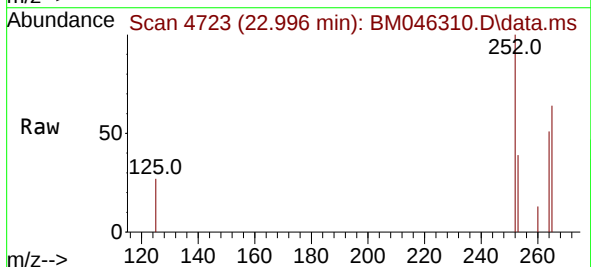
Manual Integrations
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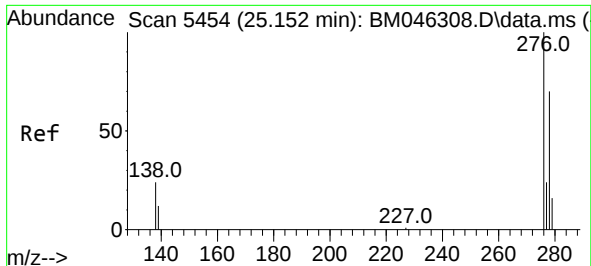
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 22.996 min Scan# 4723
Delta R.T. -0.017 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

Tgt Ion:252 Resp: 8029
Ion Ratio Lower Upper
252 100
253 39.2 32.1 48.1
125 26.6 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.201 ng/ul
RT: 25.125 min Scan# 5446
Delta R.T. -0.027 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

Instrument :

BNA_M

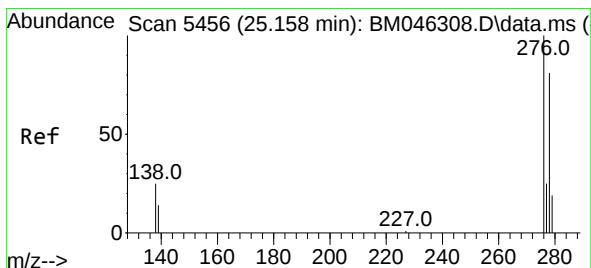
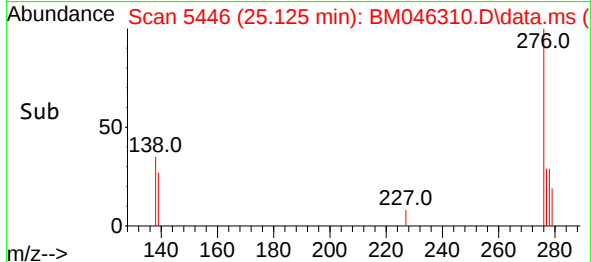
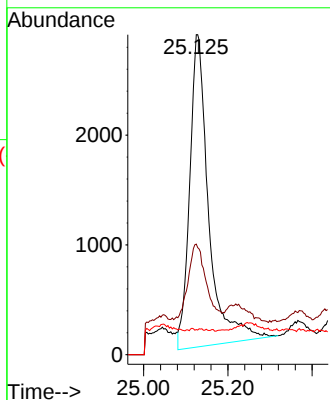
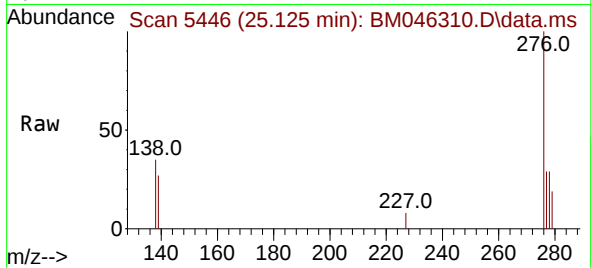
ClientSampleId :

A4C49DL

Tgt Ion:276 Resp: 888
Ion Ratio Lower Upper
276 100
138 46.9 21.0 31.4#
227 0.0 0.0 0.0

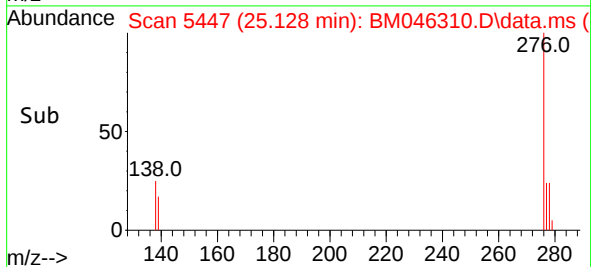
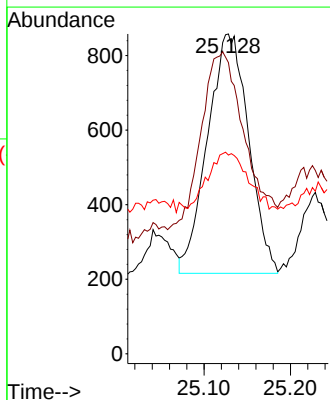
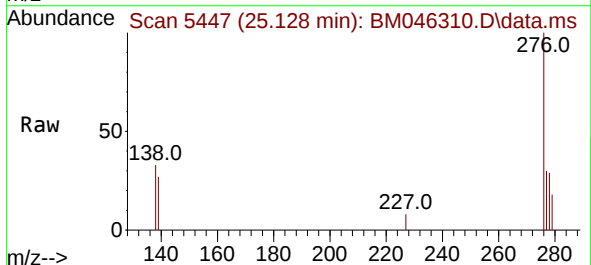
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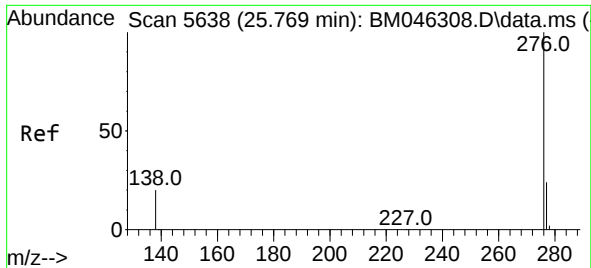
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul m
RT: 25.128 min Scan# 5447
Delta R.T. -0.030 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

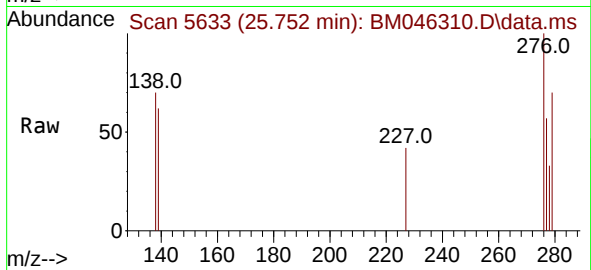
Tgt Ion:278 Resp: 2118
Ion Ratio Lower Upper
278 100
139 91.0 17.6 26.4#
279 62.1 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 25.752 min Scan# 50
Delta R.T. -0.017 min
Lab File: BM046310.D
Acq: 26 Jun 2024 03:02

Instrument :
BNA_M
ClientSampleId :
A4C49DL



Tgt Ion:276 Resp: 148
Ion Ratio Lower Upper
276 100
138 70.4 21.7 32.5
277 56.9 20.4 30.6

Manual Integrations
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

