

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046323.D
 Acq On : 26 Jun 2024 10:54
 Operator : MA/JU
 Sample : P2909-05DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B84DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 12:57:36 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	2073	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	5862	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.049	164	3503	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.795	188	7374	0.400	ng/ul	-0.04
17) Chrysene-d12	20.997	240	6216	0.400	ng/ul	-0.02
23) Perylene-d12	23.089	264	7097m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	2251	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.816	152	516	0.066	ng/ul	-0.03
18) Fluoranthene-d10	18.826	212	1314	0.071	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.238	128	1932	0.118	ng/ul#	79
7) 2-Methylnaphthalene	11.888	142	810	0.088	ng/ul	97
8) 1-Methylnaphthalene	12.091	142	805	0.080	ng/ul	99
10) Acenaphthylene	13.767	152	2016	0.121	ng/ul#	83
11) Acenaphthene	14.113	153	5327	0.444	ng/ul	99
12) Fluorene	15.113	166	6485	0.504	ng/ul	99
15) Phenanthrene	16.833	178	123437	5.958	ng/ul	96
16) Anthracene	16.930	178	25079	1.625	ng/ul	97
19) Fluoranthene	18.853	202	196665	7.307	ng/ul	97
20) Pyrene	19.221	202	127051	4.365	ng/ul	95
21) Benzo(a)anthracene	20.982	228	80855	3.368	ng/ul	99
22) Chrysene	21.035	228	70821	2.311	ng/ul	98
24) Benzo(b)fluoranthene	22.472	252	94407m	3.692	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	35991m	1.184	ng/ul	
26) Benzo(a)pyrene	22.998	252	34603	1.460	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.128	276	34164	0.881	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.132	278	12905	0.447	ng/ul#	92
29) Benzo(g,h,i)perylene	25.752	276	4451	0.134	ng/ul#	75

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

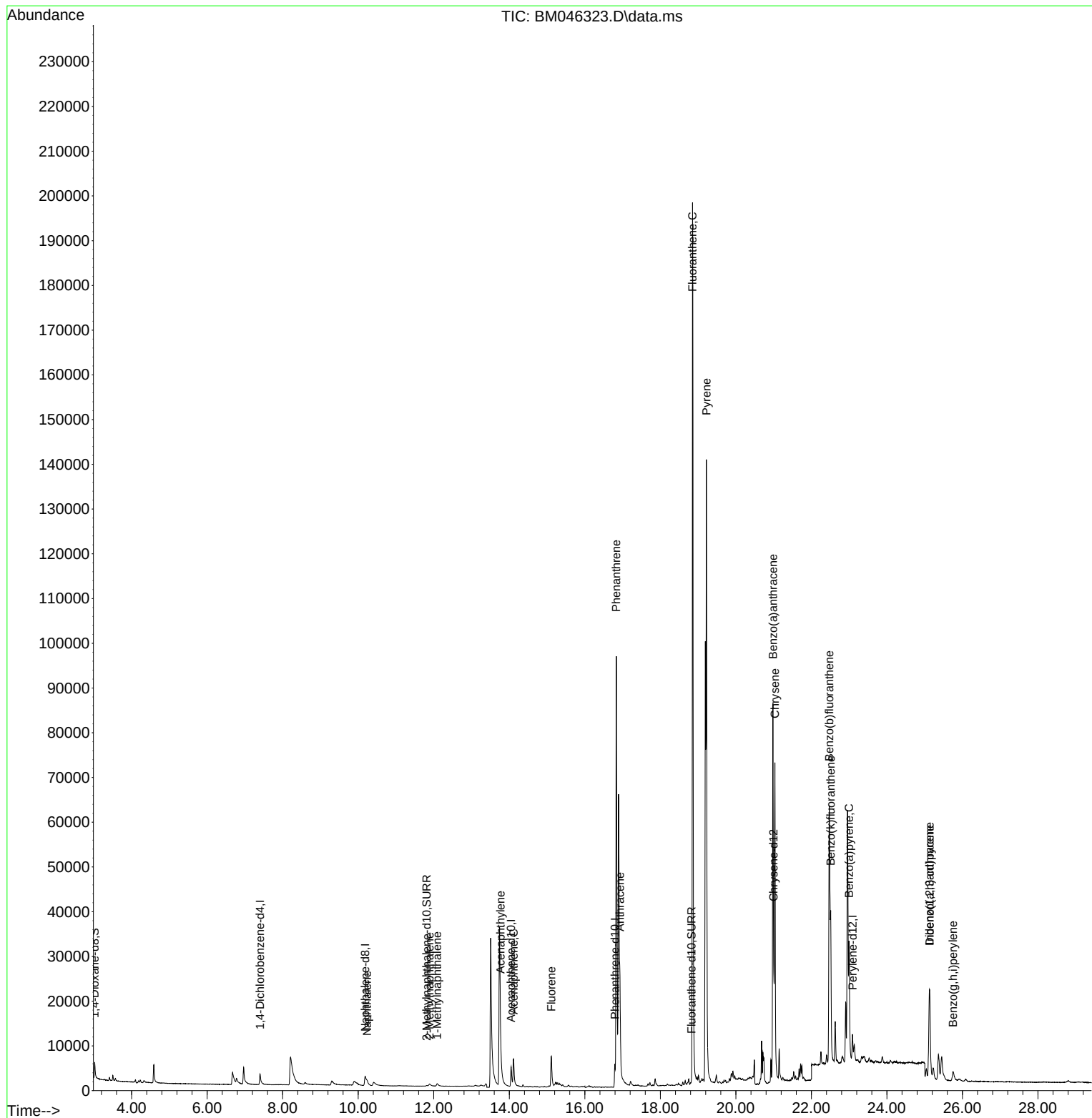
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046323.D
Acq On : 26 Jun 2024 10:54
Operator : MA/JU
Sample : P2909-05DL 5X
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ALS Vial : 84 Sample Multiplier: 1

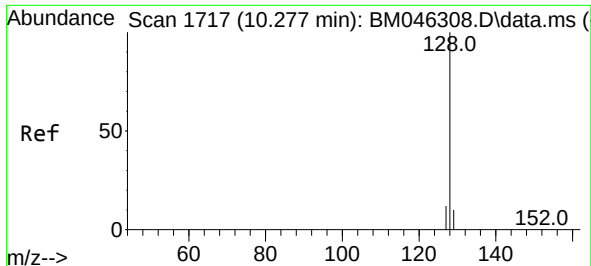
Instrument :
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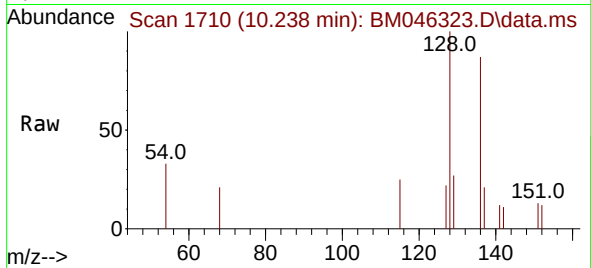
Quant Time: Jun 26 12:57:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.238 min Scan# 11
Delta R.T. -0.038 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

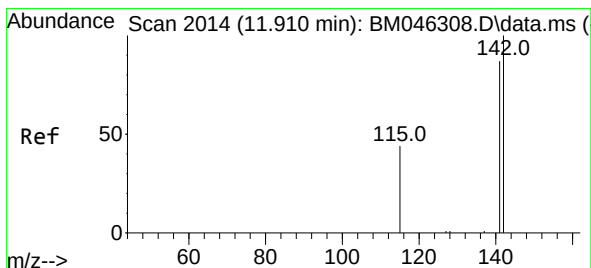
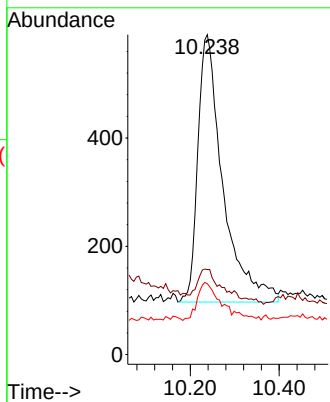
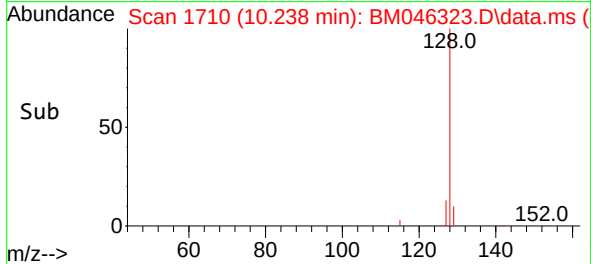
Instrument :
BNA_M
ClientSampleId :
A4B84DL



Tgt Ion:128 Resp: 1932
Ion Ratio Lower Upper
128 100
129 26.6 11.8 17.6
127 22.2 12.8 19.2

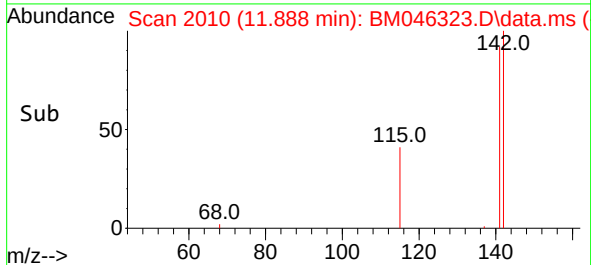
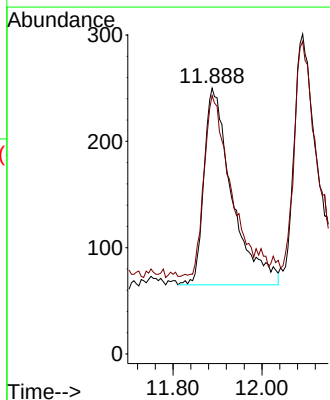
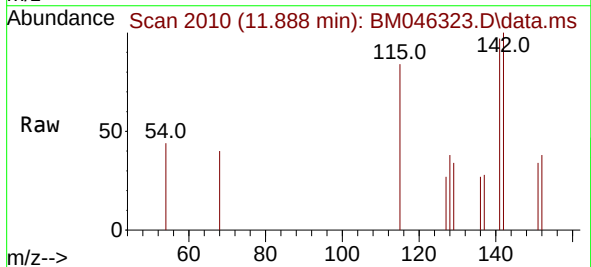
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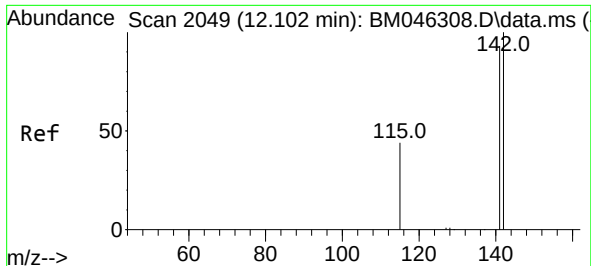
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 11.888 min Scan# 2010
Delta R.T. -0.022 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

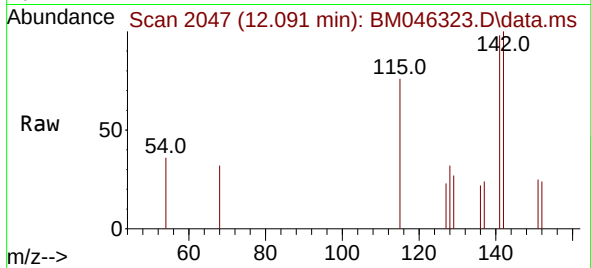
Tgt Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.091 min Scan# 2049
Delta R.T. -0.011 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

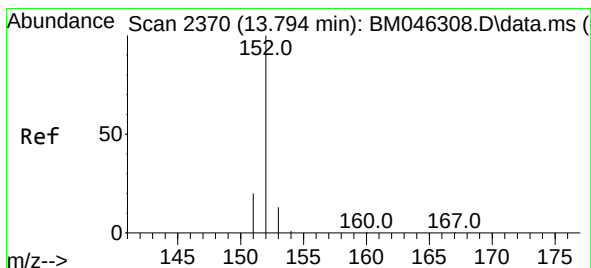
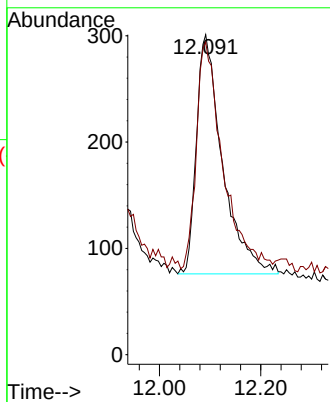
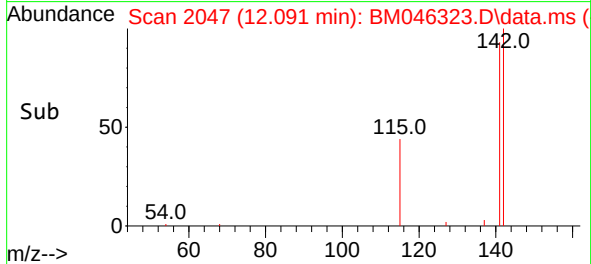
Instrument :
BNA_M
ClientSampleId :
A4B84DL



Tgt Ion:142 Resp: 809
Ion Ratio Lower Upper
142 100
141 95.3 75.2 112.8

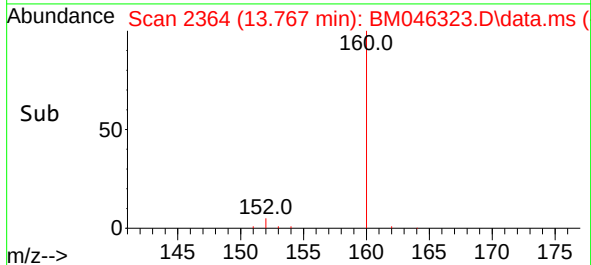
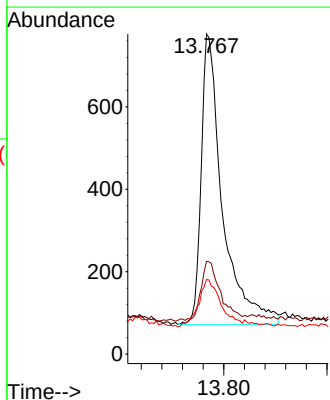
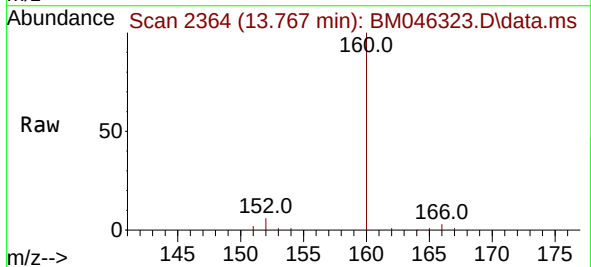
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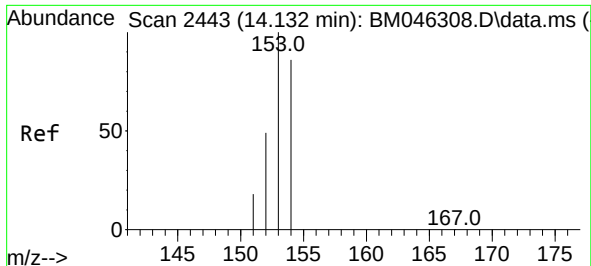
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 13.767 min Scan# 2364
Delta R.T. -0.028 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

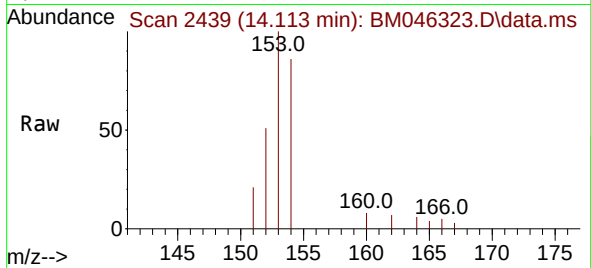
Tgt Ion:152 Resp: 2016
Ion Ratio Lower Upper
152 100
151 29.0 17.4 26.2#
153 23.3 11.8 17.8#





#11
Acenaphthene
Concen: 0.444 ng/ul
RT: 14.113 min Scan# 2443
Delta R.T. -0.018 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

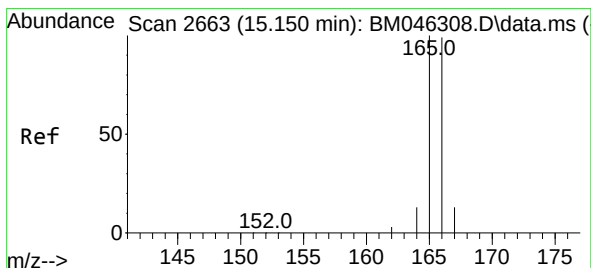
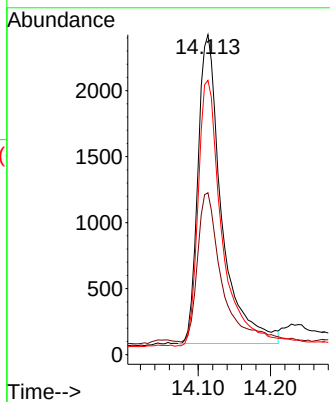
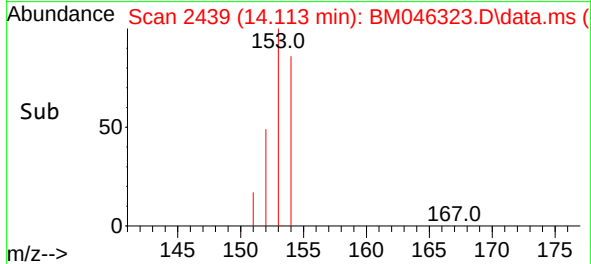
Instrument :
BNA_M
ClientSampleId :
A4B84DL



Tgt Ion:153 Resp: 532
Ion Ratio Lower Upper
153 100
152 50.6 41.3 61.9
154 85.7 68.2 102.4

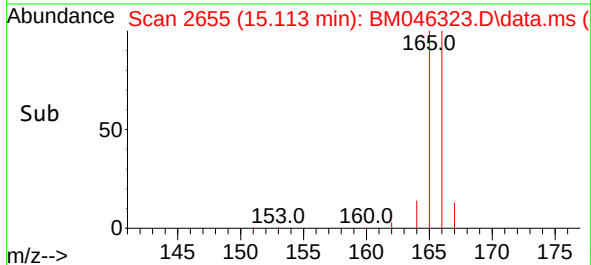
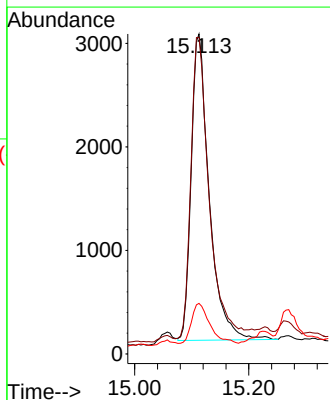
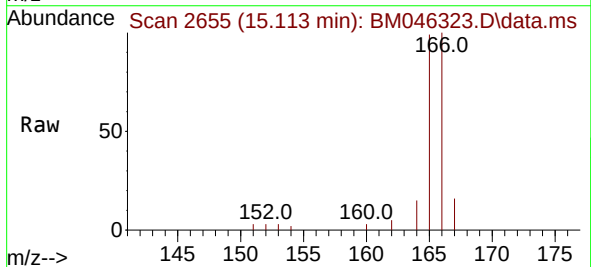
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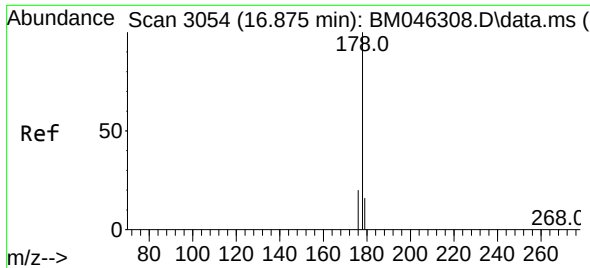
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.504 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.037 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

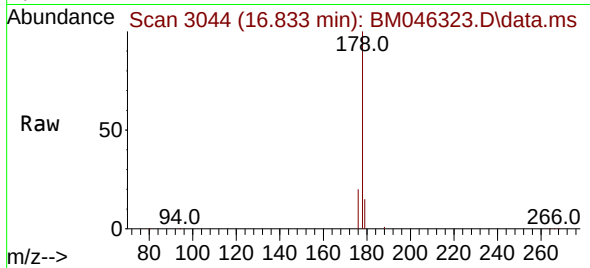
Tgt Ion:166 Resp: 6485
Ion Ratio Lower Upper
166 100
165 99.0 80.4 120.6
167 15.8 12.4 18.6





#15
Phenanthrene
Concen: 5.958 ng/u1
RT: 16.833 min Scan# 3044
Delta R.T. -0.042 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

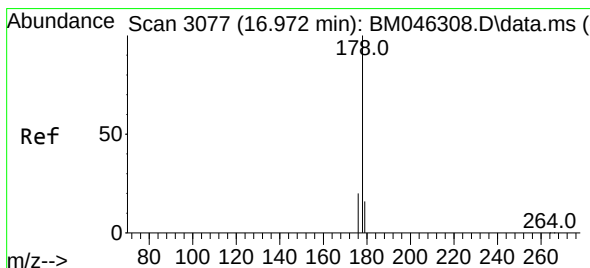
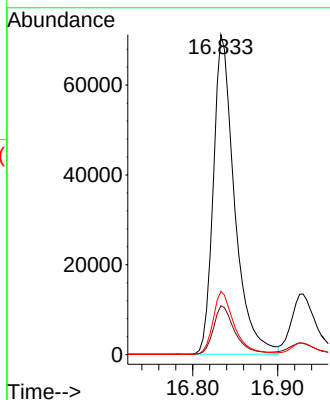
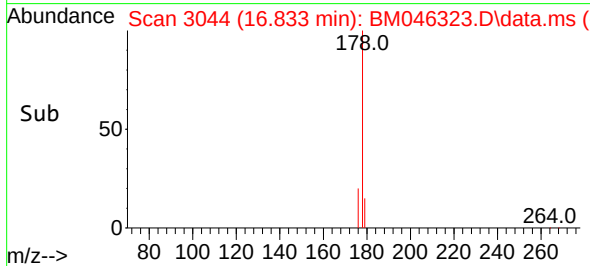
Instrument :
BNA_M
ClientSampleId :
A4B84DL



Tgt Ion:178 Resp: 12343
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.8 17.1 25.7

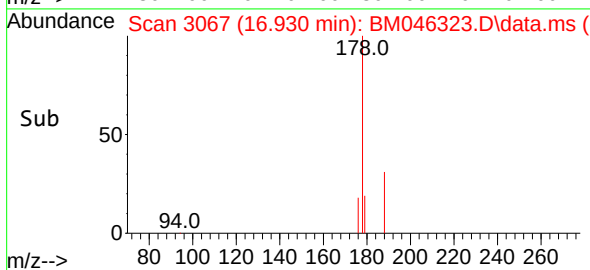
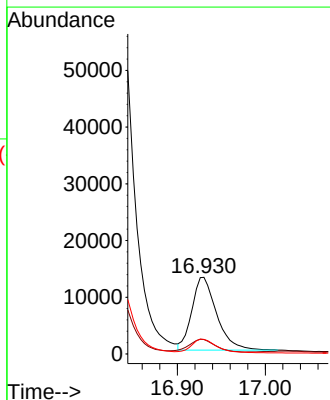
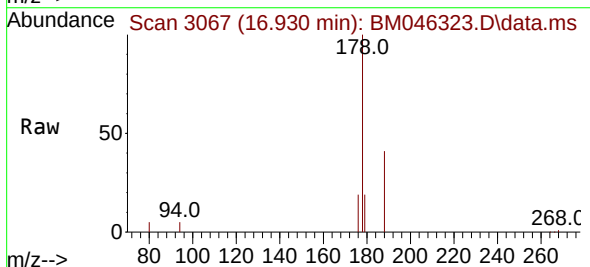
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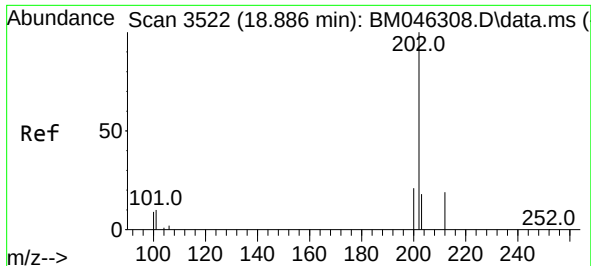
Reviewed By :Yogesh Patel 06/27/2024
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#16
Anthracene
Concen: 1.625 ng/u1
RT: 16.930 min Scan# 3067
Delta R.T. -0.042 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

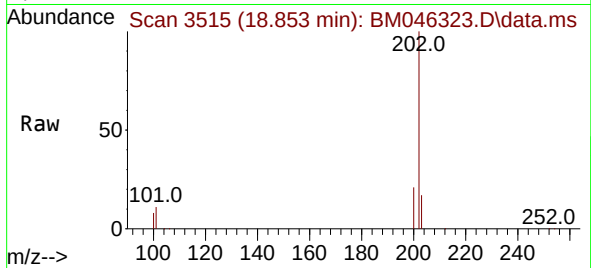
Tgt Ion:178 Resp: 25079
Ion Ratio Lower Upper
178 100
179 18.8 14.9 22.3
176 19.0 17.0 25.4





#19
Fluoranthene
Concen: 7.307 ng/u1
RT: 18.853 min Scan# 3515
Delta R.T. -0.032 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

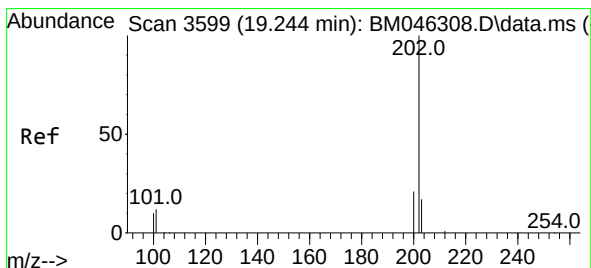
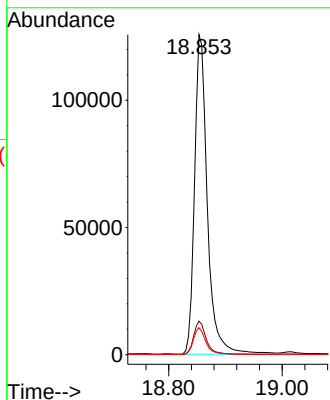
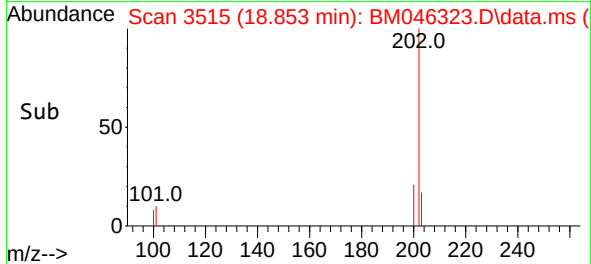
Instrument :
BNA_M
ClientSampleId :
A4B84DL



Tgt Ion:202 Resp: 19666
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.5 7.6 11.4

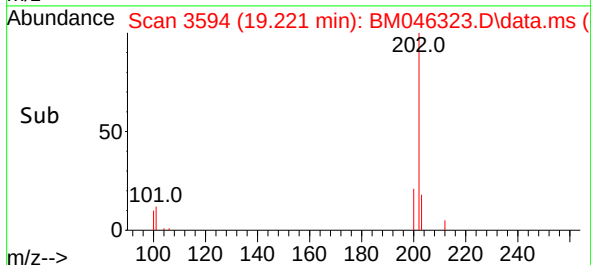
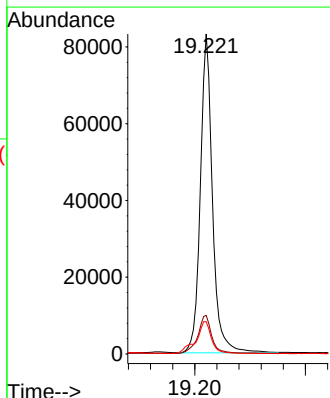
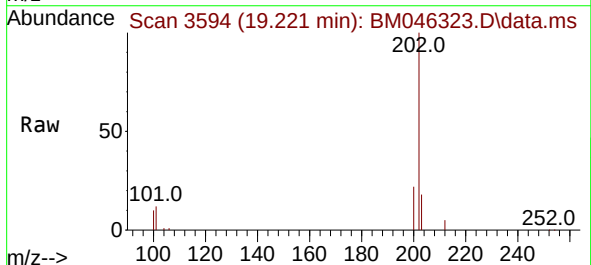
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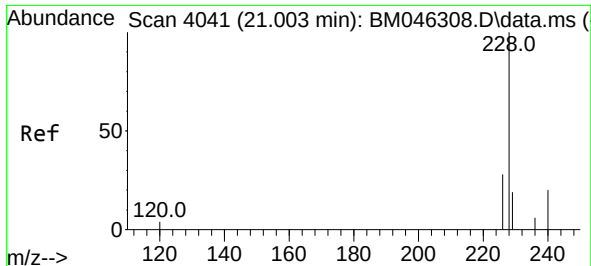
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 4.365 ng/u1
RT: 19.221 min Scan# 3594
Delta R.T. -0.023 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

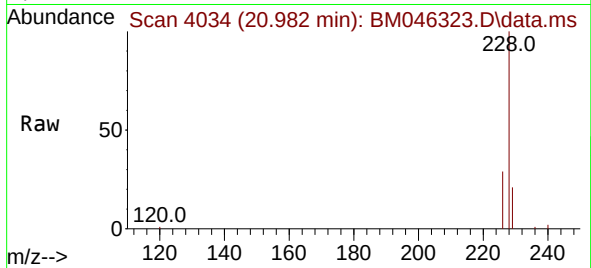
Tgt Ion:202 Resp: 127051
Ion Ratio Lower Upper
202 100
101 12.1 11.3 16.9
100 10.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.368 ng/ul
RT: 20.982 min Scan# 4041
Delta R.T. -0.020 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

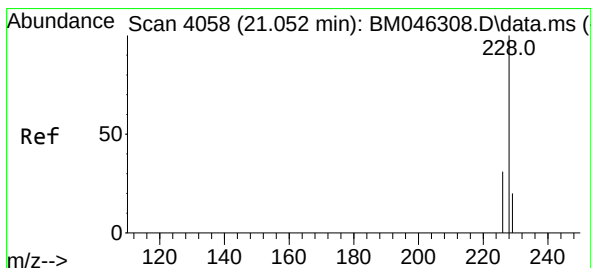
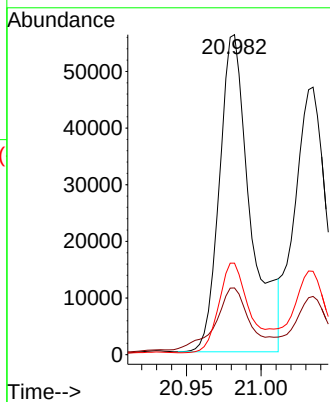
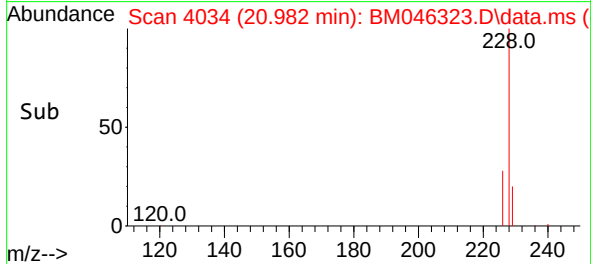
Instrument :
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A4B84DL



Tgt Ion:228 Resp: 8085
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 28.6 23.4 35.2

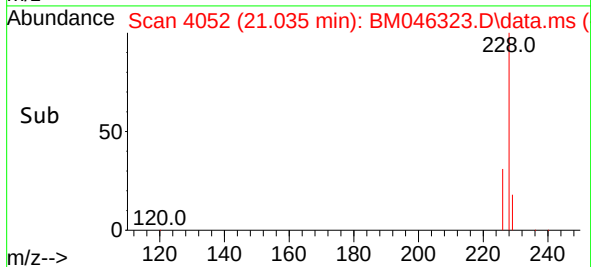
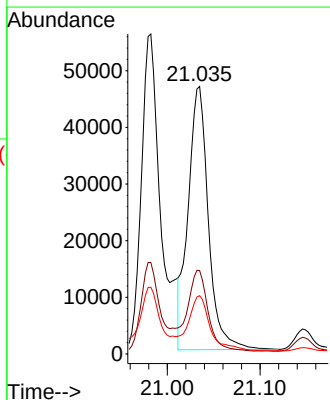
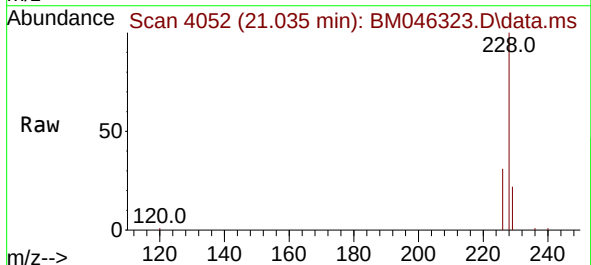
Manual Integrations
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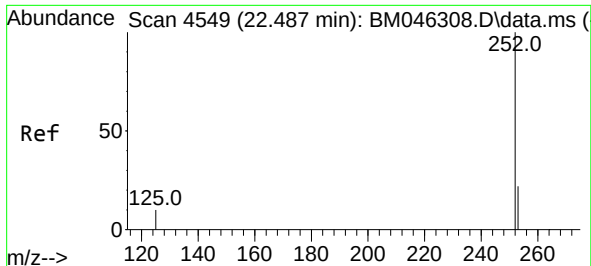
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 2.311 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.017 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

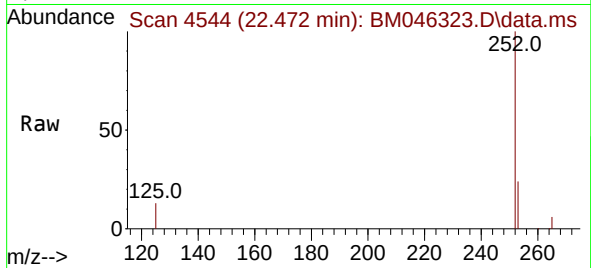
Tgt Ion:228 Resp: 70821
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.692 ng/ul m
RT: 22.472 min Scan# 4544
Delta R.T. -0.015 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

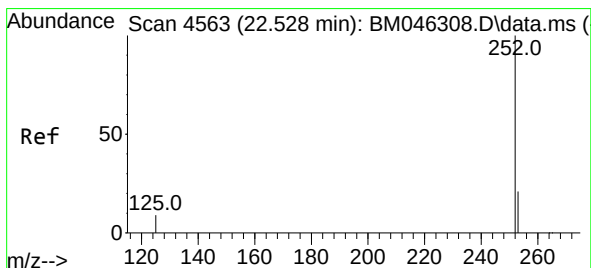
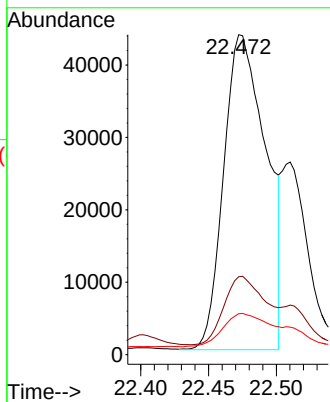
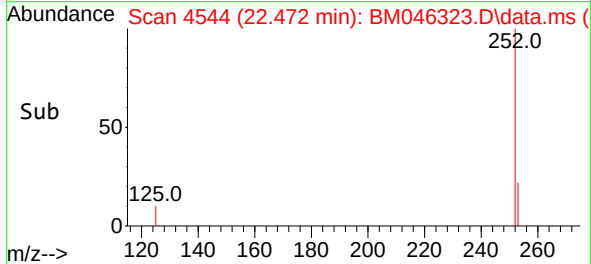
Instrument :
BNA_M
ClientSampleId :
A4B84DL



Tgt Ion:252 Resp: 9440
Ion Ratio Lower Upper
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253 24.3 0.0 65.8
125 12.8 0.0 40.2

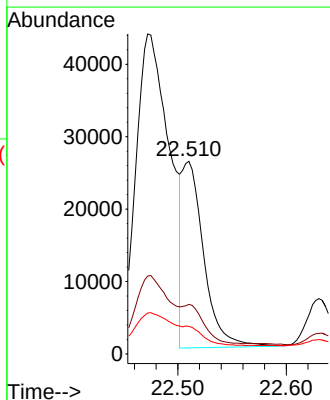
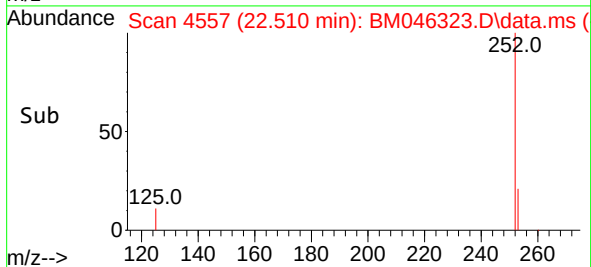
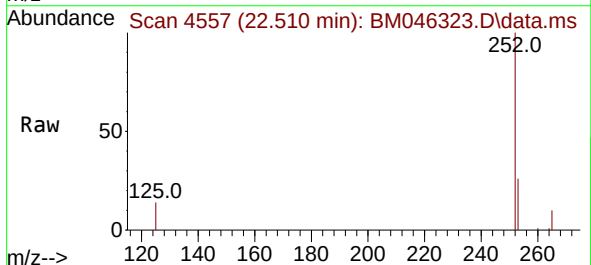
Manual Integrations
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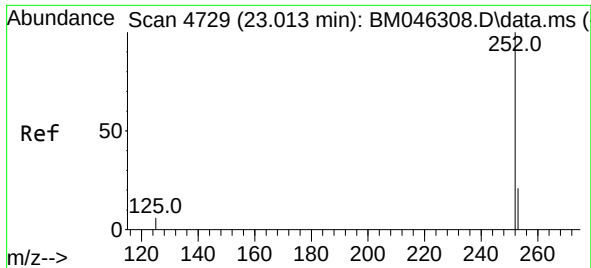
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.184 ng/ul m
RT: 22.510 min Scan# 4557
Delta R.T. -0.018 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

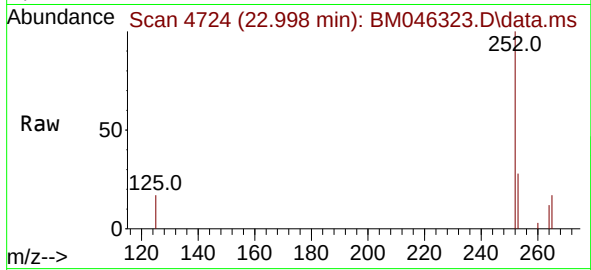
Tgt Ion:252 Resp: 35991
Ion Ratio Lower Upper
252 100
253 25.7 27.2 40.8#
125 14.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.460 ng/ul
RT: 22.998 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

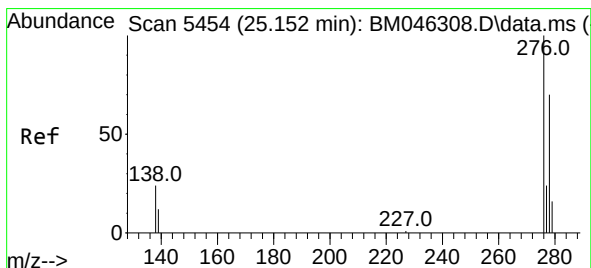
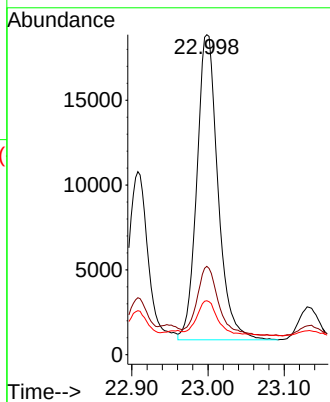
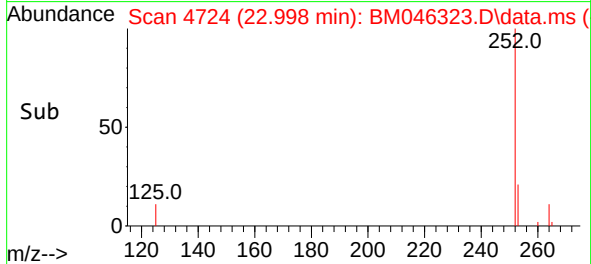
Instrument :
BNA_M
ClientSampleId :
A4B84DL



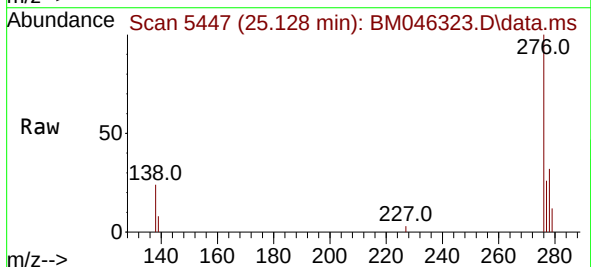
Tgt Ion:252 Resp: 3460
Ion Ratio Lower Upper
252 100
253 27.6 32.1 48.1
125 16.8 21.2 31.8

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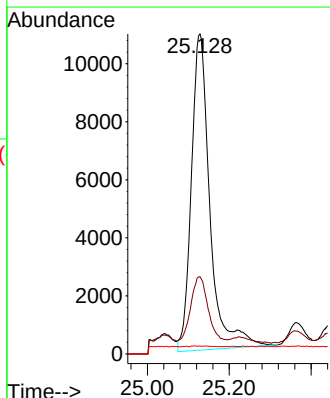
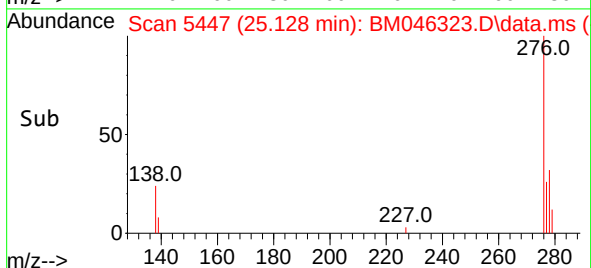
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

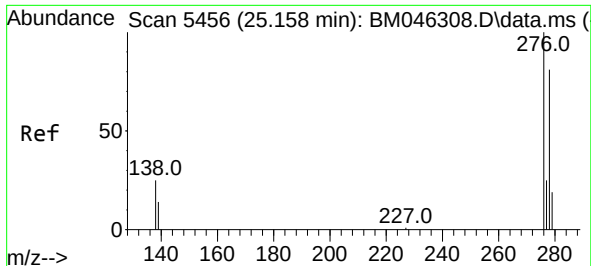


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.881 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.023 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54



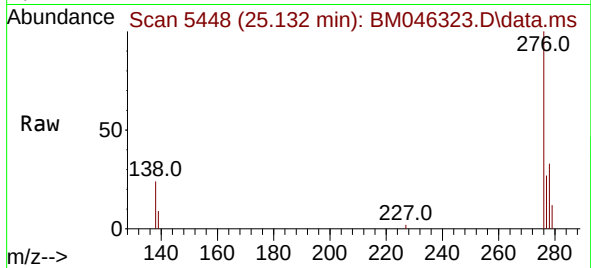
Tgt Ion:276 Resp: 34164
Ion Ratio Lower Upper
276 100
138 27.2 21.0 31.4
227 14.5 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 25.132 min Scan# 5456
Delta R.T. -0.027 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54

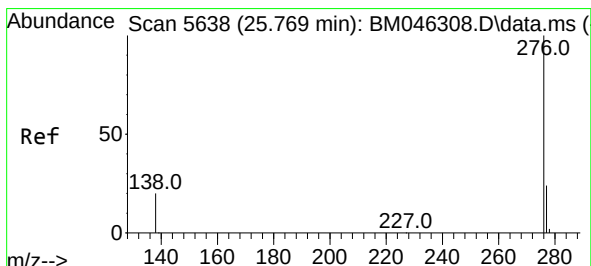
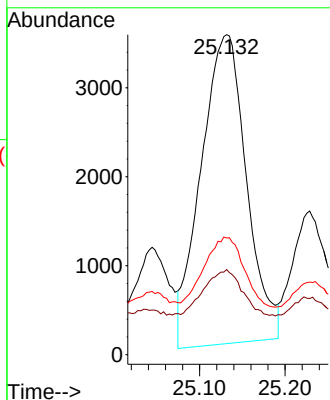
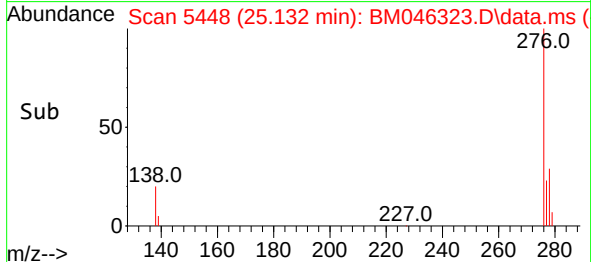
Instrument :
BNA_M
ClientSampleId :
A4B84DL



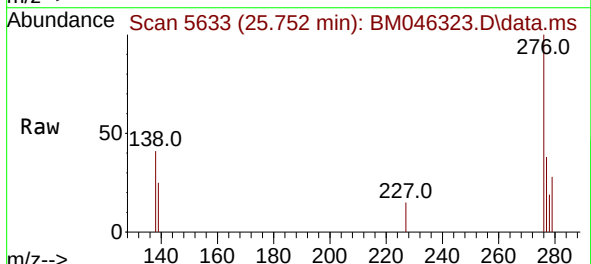
Tgt Ion:278 Resp: 1290
Ion Ratio Lower Upper
278 100
139 26.6 17.6 26.4#
279 36.5 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.134 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.017 min
Lab File: BM046323.D
Acq: 26 Jun 2024 10:54



Tgt Ion:276 Resp: 4451
Ion Ratio Lower Upper
276 100
138 40.6 21.7 32.5#
277 38.0 20.4 30.6#

