

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046557.D
 Acq On : 12 Jul 2024 22:33
 Operator : MA/JU
 Sample : P3087-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CB7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 00:36:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	2701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	7229	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.150	164	4860	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	11827m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9900	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	12688	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	8925	4.022	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3295	0.283	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	10020	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.321	128	14502	0.789	ng/ul	96
7) 2-Methylnaphthalene	11.943	142	4934	0.382	ng/ul	100
8) 1-Methylnaphthalene	12.168	142	3881	0.294	ng/ul	98
10) Acenaphthylene	13.868	152	23672	1.070	ng/ul	97
11) Acenaphthene	14.215	153	23044	1.555	ng/ul	96
12) Fluorene	15.210	166	29989	1.635	ng/ul	98
15) Phenanthrene	16.947	178	650240	19.266	ng/ul	98
16) Anthracene	17.036	178	113653	3.451	ng/ul	98
19) Fluoranthene	18.974	202	1389112	34.161	ng/ul	99
20) Pyrene	19.337	202	913654	20.752	ng/ul	99
21) Benzo(a)anthracene	21.090	228	625152	14.274	ng/ul	99
22) Chrysene	21.143	228	634859	14.981	ng/ul	99
24) Benzo(b)fluoranthene	22.615	252	894768m	17.656	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	288588m	5.800	ng/ul	
26) Benzo(a)pyrene	23.156	252	294785	7.067	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.370	276	295722	4.659	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	100797	2.006	ng/ul	97
29) Benzo(g,h,i)perylene	26.010	276	43210	0.853	ng/ul#	95

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

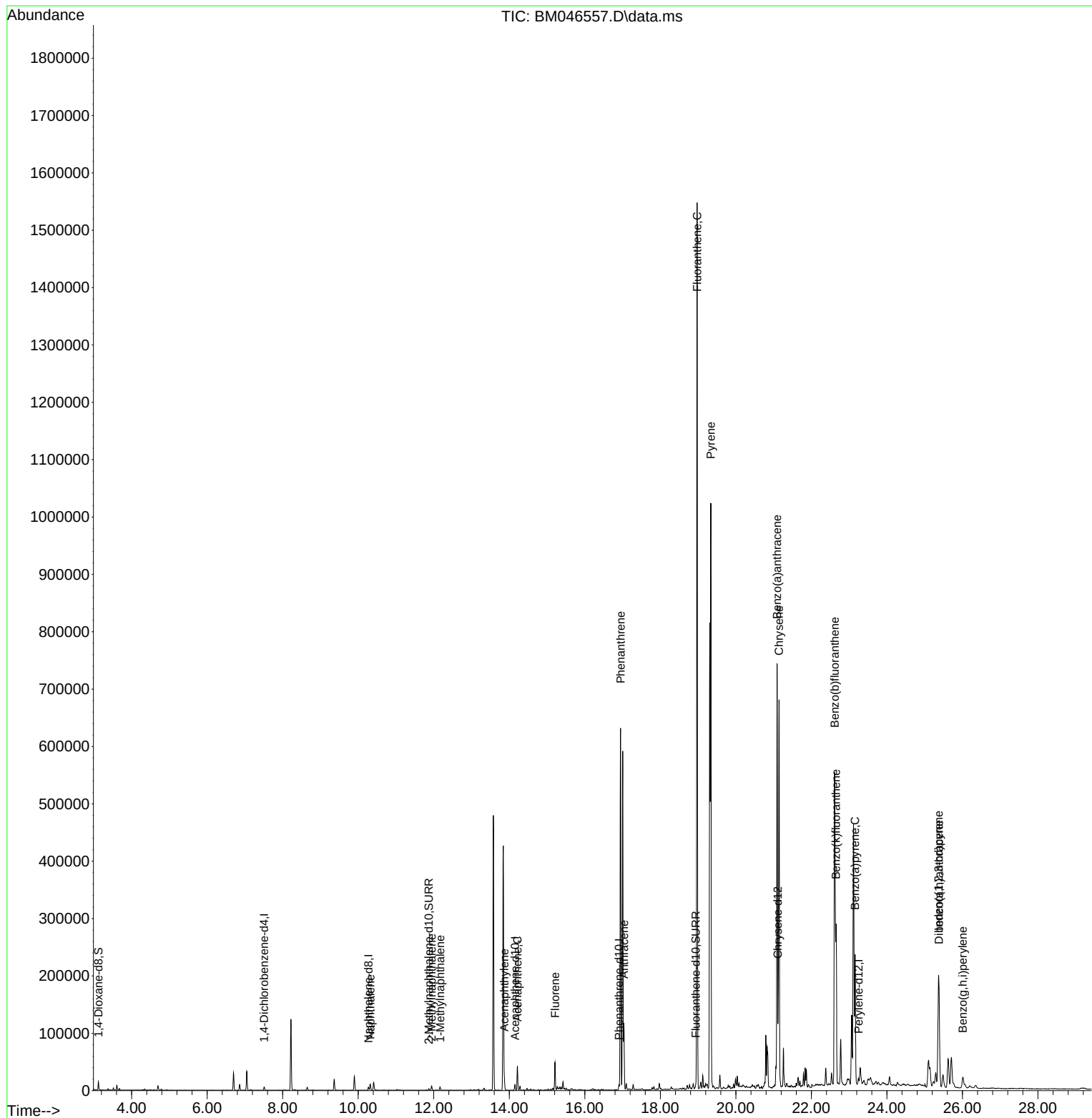
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046557.D
Acq On : 12 Jul 2024 22:33
Operator : MA/JU
Sample : P3087-01
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ALS Vial : 19 Sample Multiplier: 1

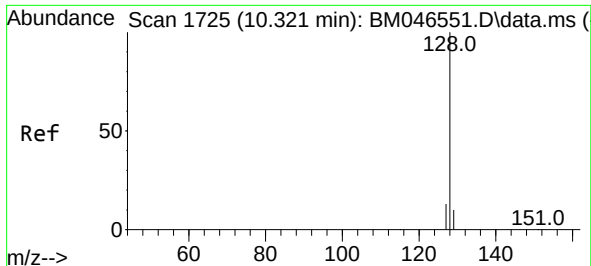
Instrument :
BNA_M
ClientSampleId :
A4CB7

Quant Time: Jul 13 00:36:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

Manual Integrations
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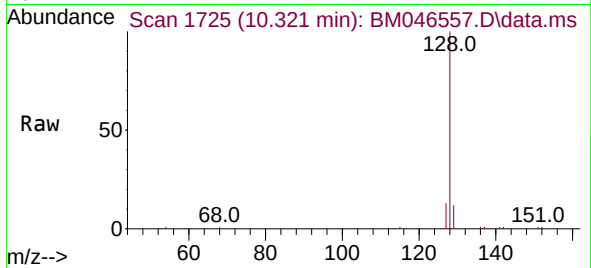
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024





#5
Naphthalene
Concen: 0.789 ng/ul
RT: 10.321 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

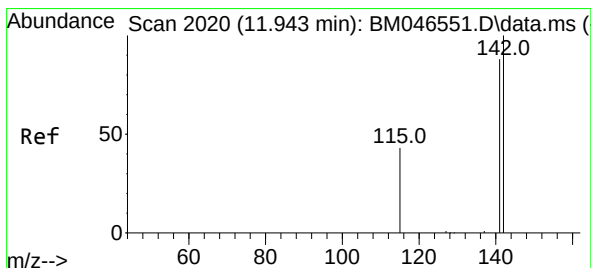
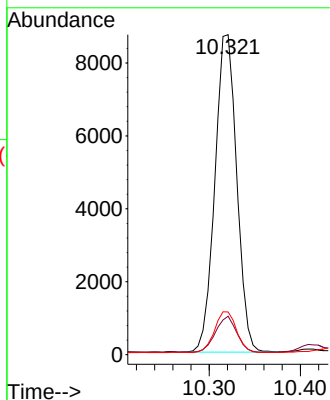
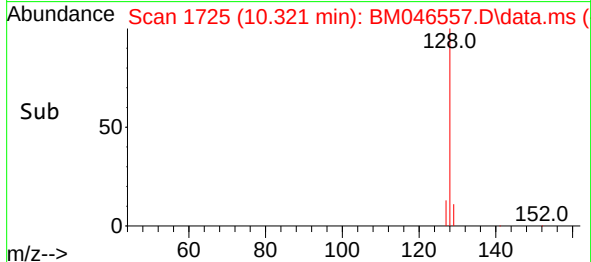
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:128 Resp: 14502
Ion Ratio Lower Upper
128 100
129 12.0 10.3 15.5
127 13.4 12.2 18.4

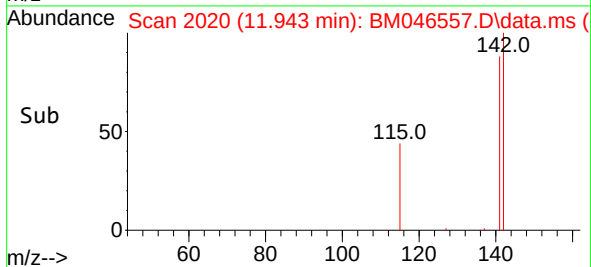
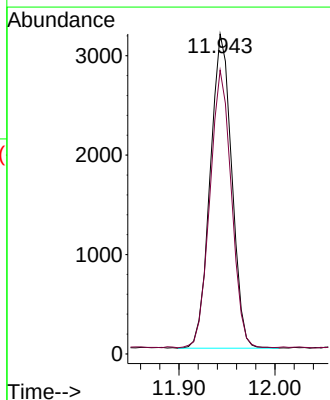
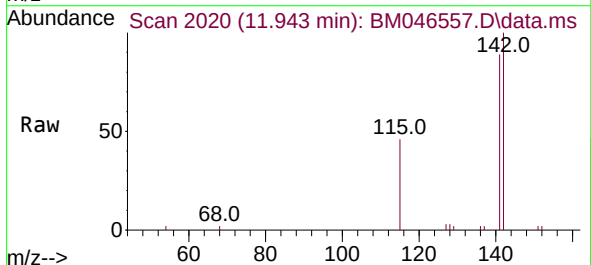
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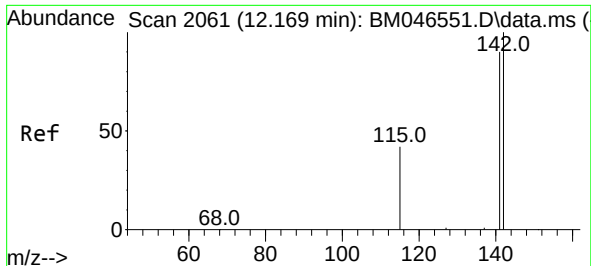
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.004 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

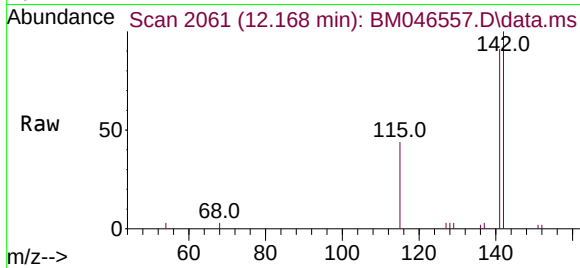
Tgt Ion:142 Resp: 4934
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

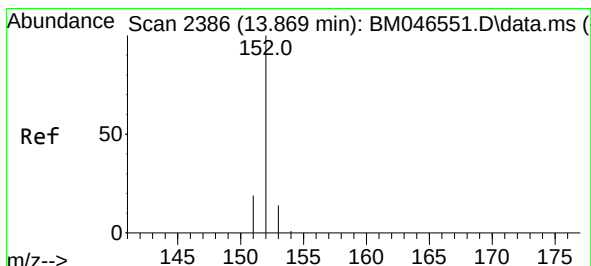
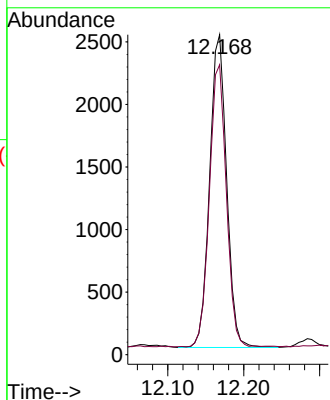
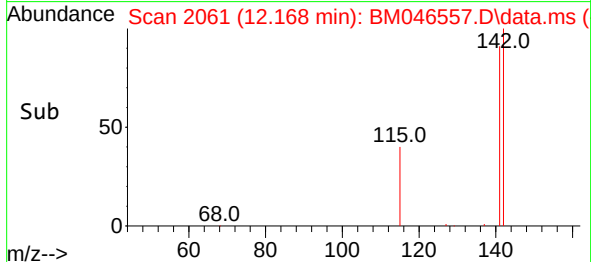
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
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141 90.2 73.9 110.9

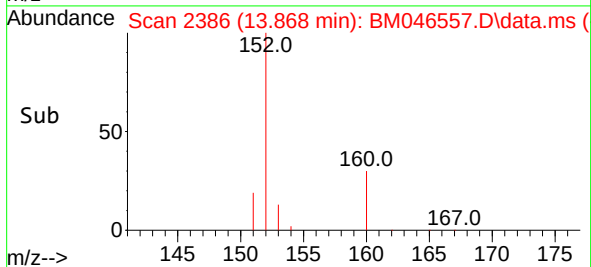
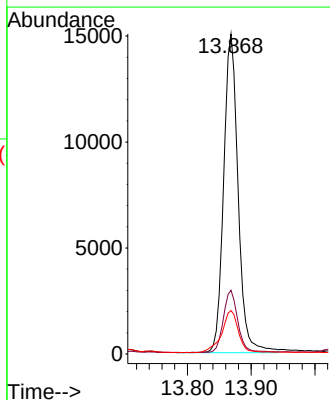
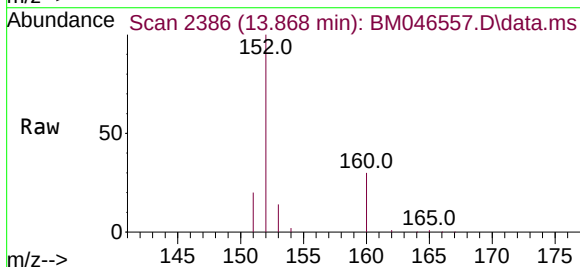
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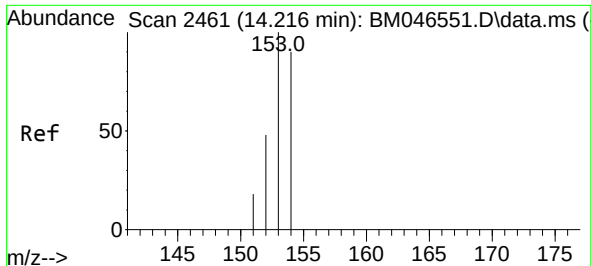
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 1.070 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

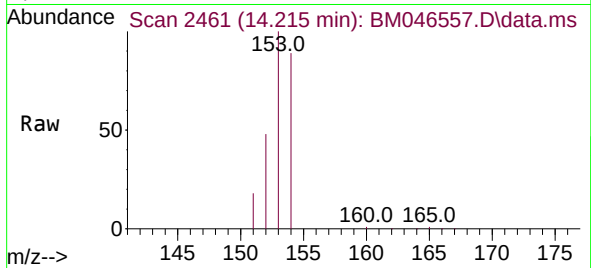
Tgt Ion:152 Resp: 23672
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.5 12.4 18.6





#11
Acenaphthene
Concen: 1.555 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

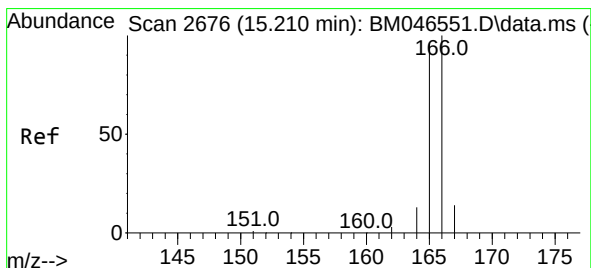
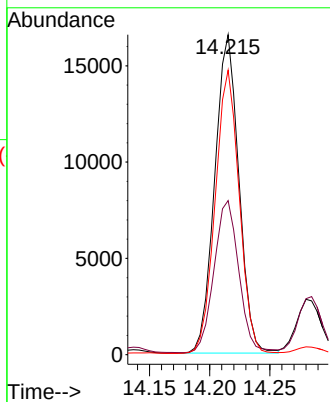
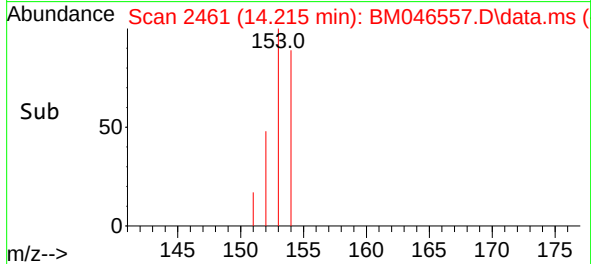
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:153 Resp: 23044
Ion Ratio Lower Upper
153 100
152 48.1 43.0 64.6
154 88.9 69.9 104.9

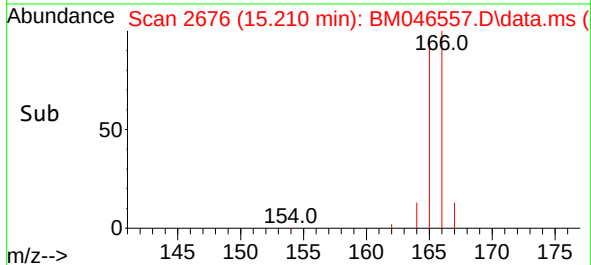
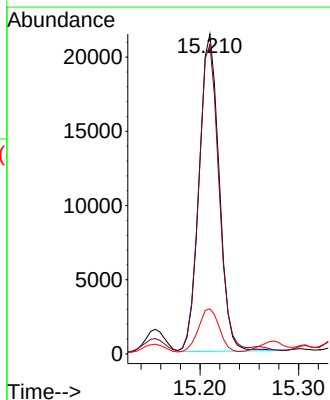
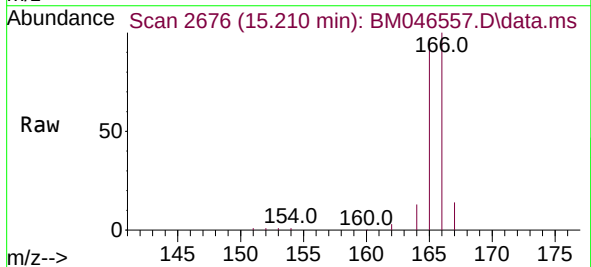
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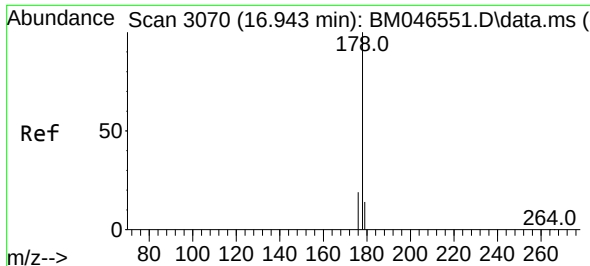
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 1.635 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

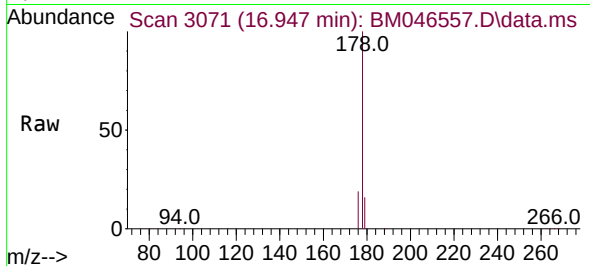
Tgt Ion:166 Resp: 29989
Ion Ratio Lower Upper
166 100
165 96.7 76.1 114.1
167 14.1 12.5 18.7





#15
Phenanthrene
Concen: 19.266 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

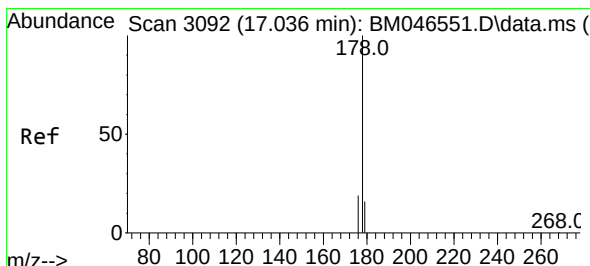
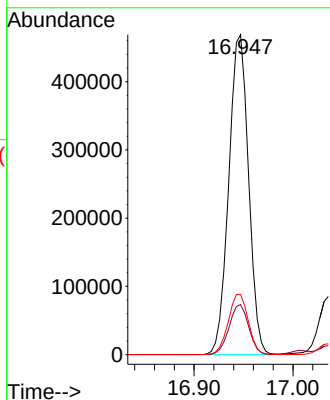
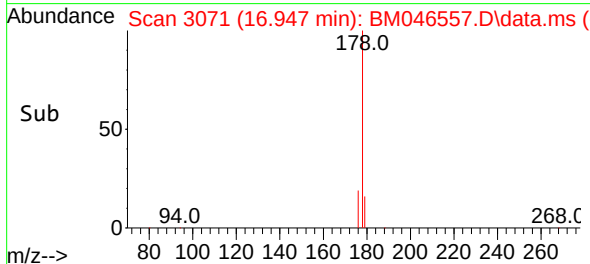
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:178 Resp: 650240
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.8 16.0 24.0

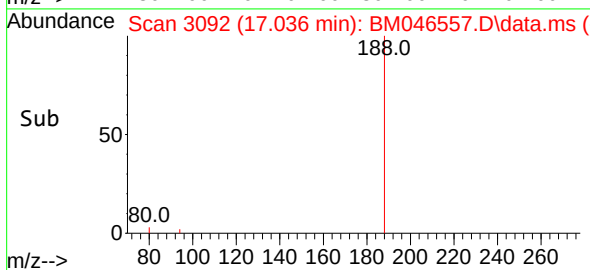
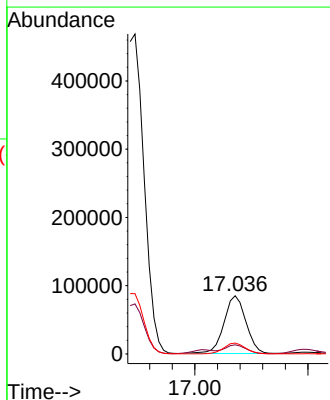
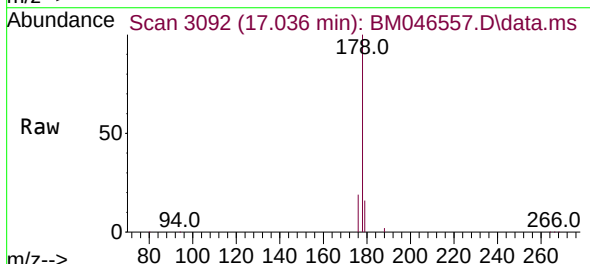
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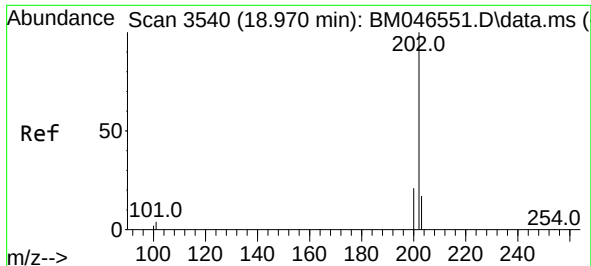
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 3.451 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

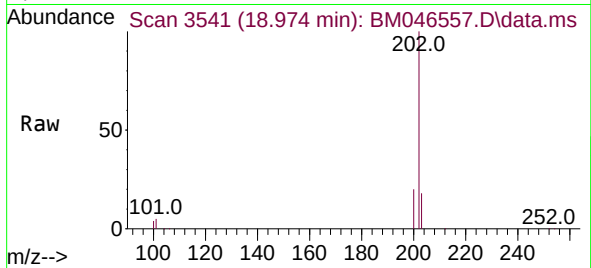
Tgt Ion:178 Resp: 113653
Ion Ratio Lower Upper
178 100
179 15.8 13.5 20.3
176 18.7 15.7 23.5





#19
Fluoranthene
Concen: 34.161 ng/u1
RT: 18.974 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

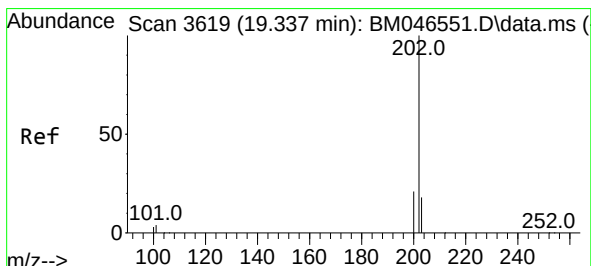
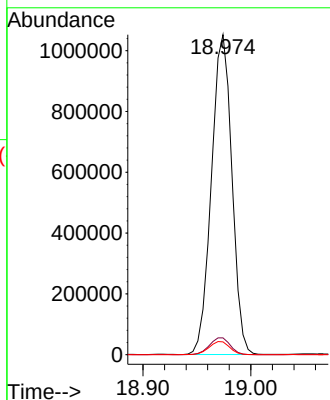
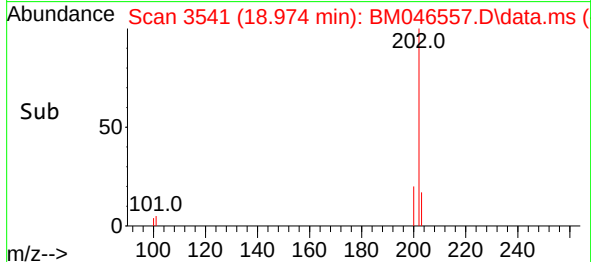
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:202 Resp: 138911
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.0 3.0 4.6

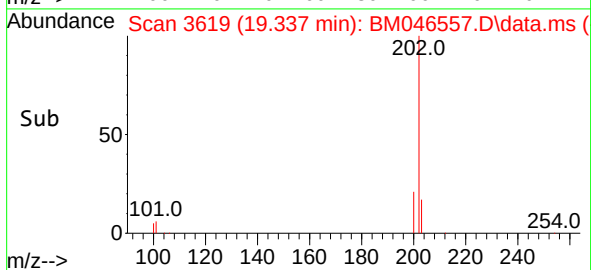
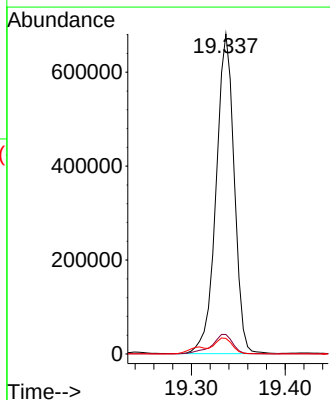
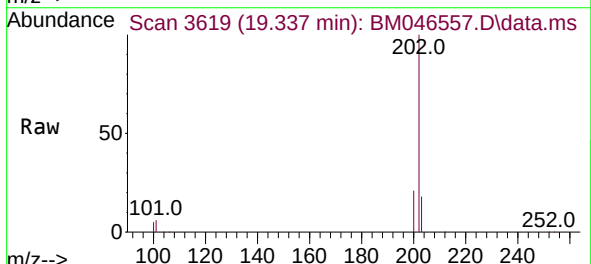
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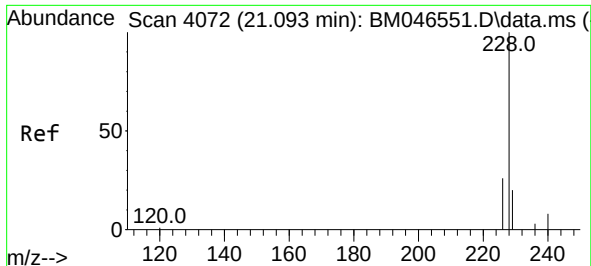
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 20.752 ng/u1
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

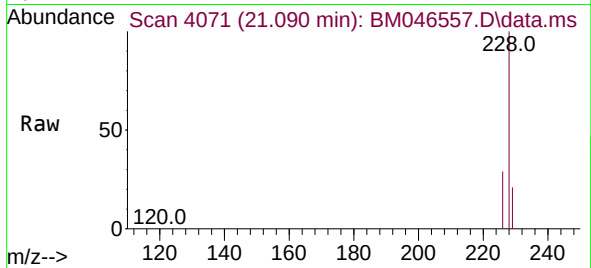
Tgt Ion:202 Resp: 913654
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 4.9 3.8 5.6





#21
Benzo(a)anthracene
Concen: 14.274 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. -0.006 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

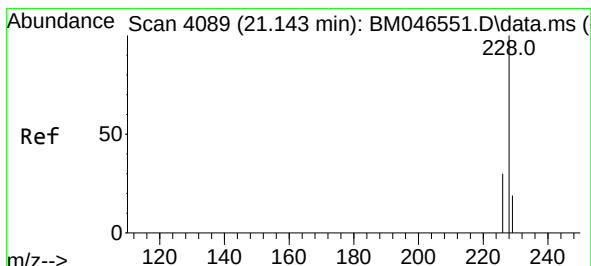
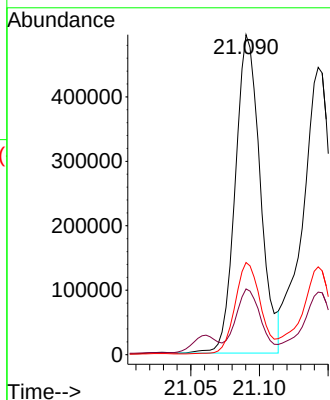
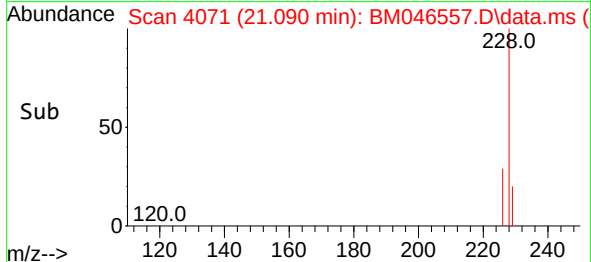
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:228 Resp: 625152
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 28.8 22.5 33.7

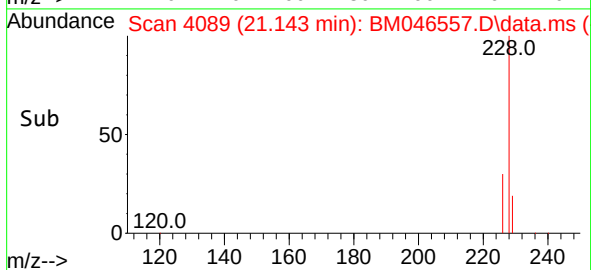
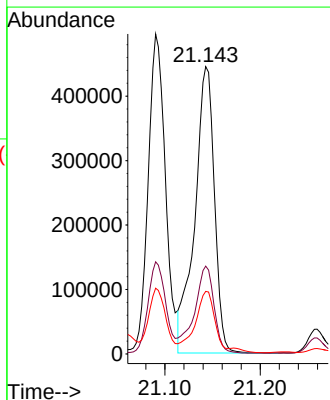
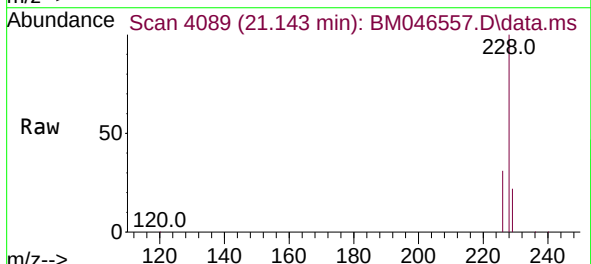
Manual Integrations
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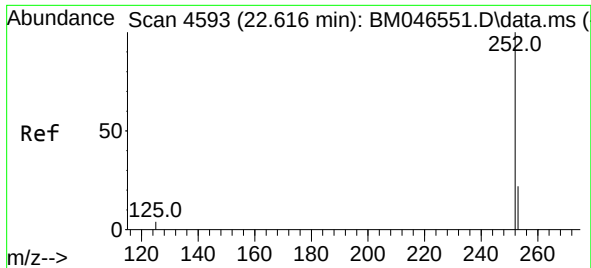
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 14.981 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. -0.006 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

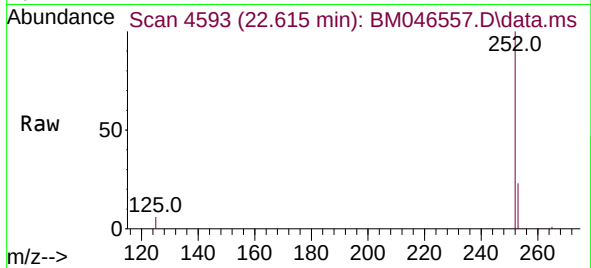
Tgt Ion:228 Resp: 634859
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 17.656 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

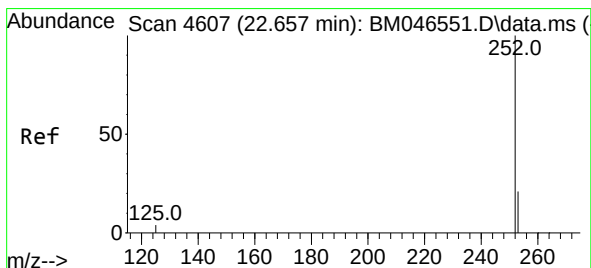
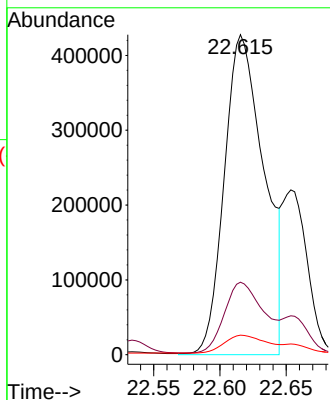
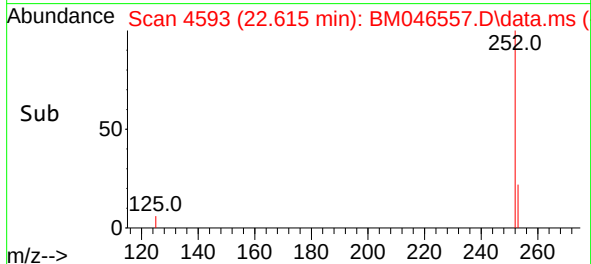
Instrument :
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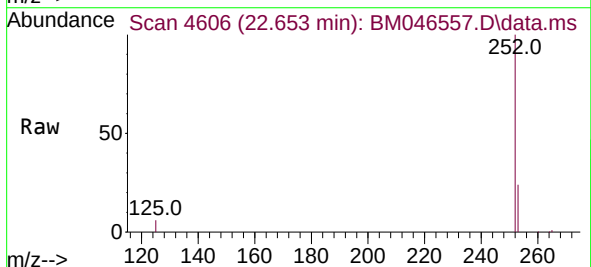
Tgt Ion:252 Resp: 894768
Ion Ratio Lower Upper
252 100
253 22.6 0.0 56.2
125 6.1 0.0 17.8

Manual Integrations
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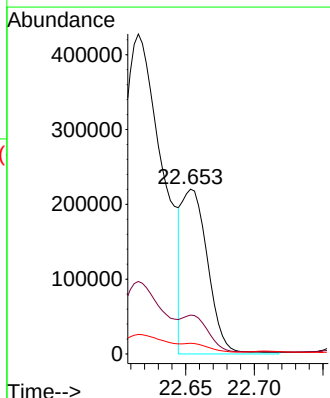
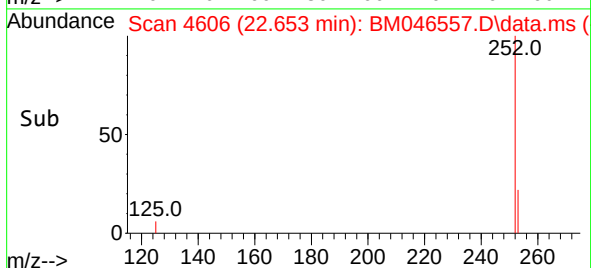
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

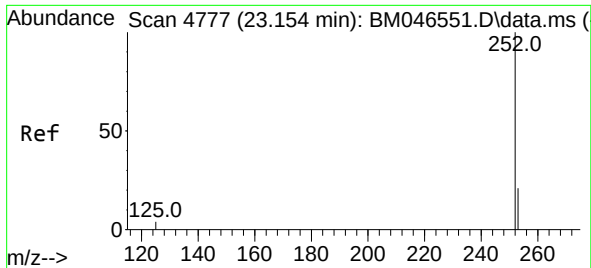


#25
Benzo(k)fluoranthene
Concen: 5.800 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33



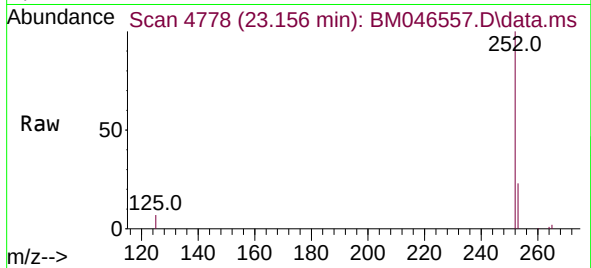
Tgt Ion:252 Resp: 288588
Ion Ratio Lower Upper
252 100
253 23.6 22.4 33.6
125 6.5 7.0 10.4





#26
Benzo(a)pyrene
Concen: 7.067 ng/ul
RT: 23.156 min Scan# 4778
Delta R.T. -0.006 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

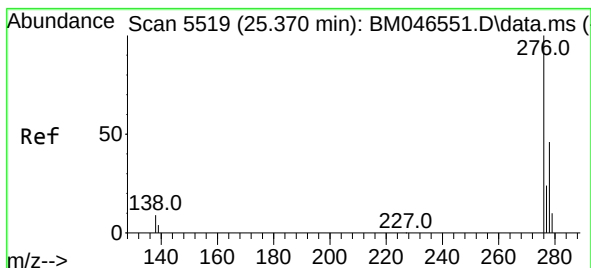
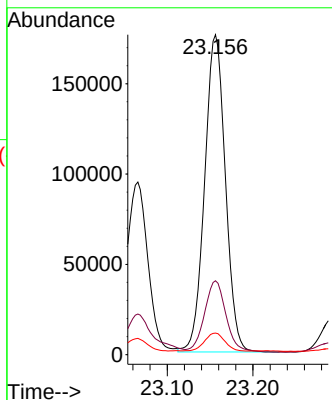
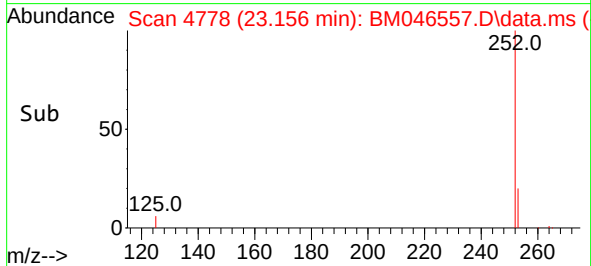
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:252 Resp: 294785
Ion Ratio Lower Upper
252 100
253 23.1 24.0 36.0
125 6.7 8.2 12.2

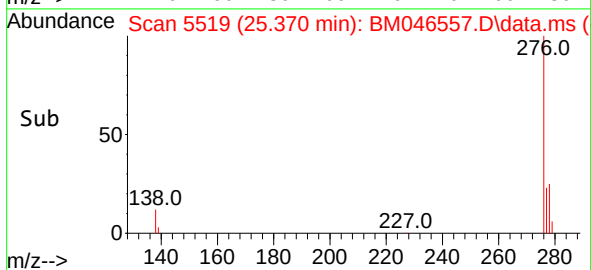
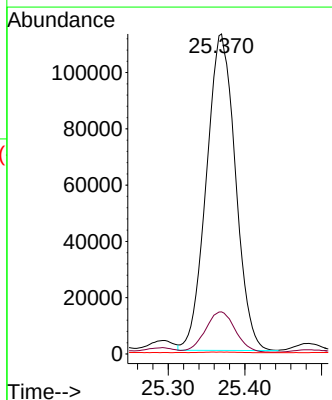
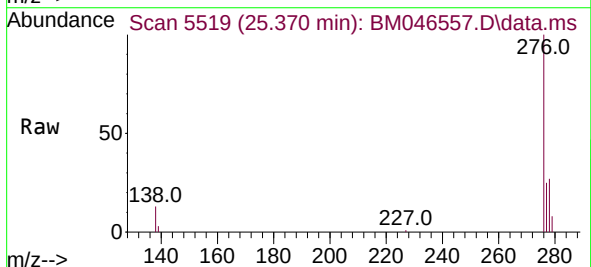
Manual Integrations
APPROVED

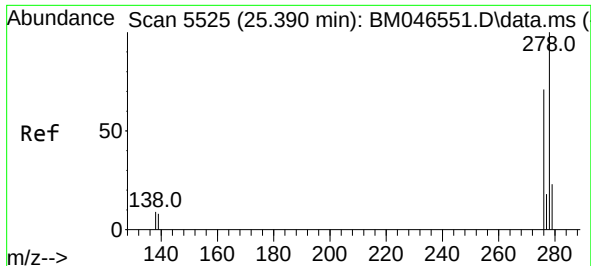
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.659 ng/ul
RT: 25.370 min Scan# 5519
Delta R.T. -0.014 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

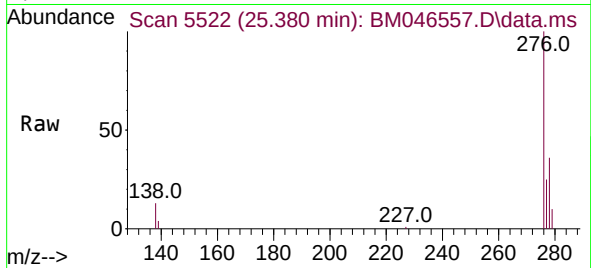
Tgt Ion:276 Resp: 295722
Ion Ratio Lower Upper
276 100
138 13.3 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 2.006 ng/ul
RT: 25.380 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

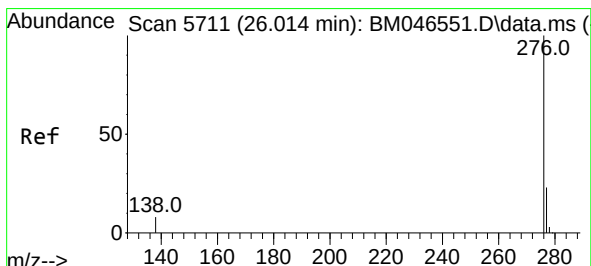
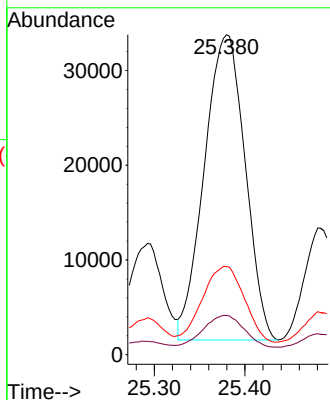
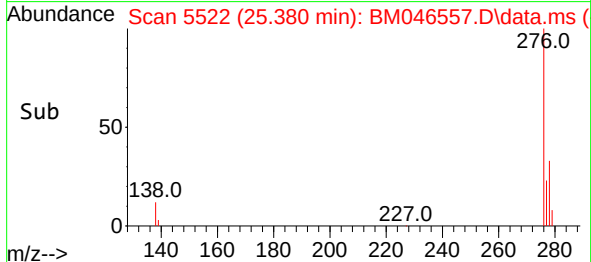
Instrument :
BNA_M
ClientSampleId :
A4CB7



Tgt Ion:278 Resp: 10079
Ion Ratio Lower Upper
278 100
139 12.2 9.1 13.7
279 27.6 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.853 ng/ul
RT: 26.010 min Scan# 5710
Delta R.T. -0.010 min
Lab File: BM046557.D
Acq: 12 Jul 2024 22:33

Tgt Ion:276 Resp: 43210
Ion Ratio Lower Upper
276 100
138 16.1 10.2 15.4#
277 27.7 20.9 31.3

