

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046655.D
 Acq On : 17 Jul 2024 05:18
 Operator : MA/JU
 Sample : P3100-03MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 05:48:48 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	2877	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	7394	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	4911	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	10890	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	9116	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	11003	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	868	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	2925	0.245	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	7739	0.279	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.147	88	2347	0.930	ng/ul#	74
5) Naphthalene	10.304	128	4721	0.251	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	3388	0.256	ng/ul	100
8) 1-Methylnaphthalene	12.152	142	3337	0.247	ng/ul	100
10) Acenaphthylene	13.854	152	5627	0.252	ng/ul	99
11) Acenaphthene	14.201	153	3979	0.266	ng/ul	97
12) Fluorene	15.201	166	4928	0.266	ng/ul	98
14) Pentachlorophenol	16.554	266	1583	0.287	ng/ul	98
15) Phenanthrene	16.934	178	9334	0.300	ng/ul	99
16) Anthracene	17.027	178	8151	0.269	ng/ul	99
19) Fluoranthene	18.965	202	13042	0.348	ng/ul	99
20) Pyrene	19.327	202	13288	0.328	ng/ul	100
21) Benzo(a)anthracene	21.084	228	11610	0.288	ng/ul	99
22) Chrysene	21.137	228	11448	0.293	ng/ul	100
24) Benzo(b)fluoranthene	22.601	252	13689	0.311	ng/ul	99
25) Benzo(k)fluoranthene	22.645	252	12445m	0.288	ng/ul	
26) Benzo(a)pyrene	23.145	252	11787	0.326	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.356	276	15467	0.281	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	11490	0.264	ng/ul	99
29) Benzo(g,h,i)perylene	26.000	276	12422	0.283	ng/ul	100

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

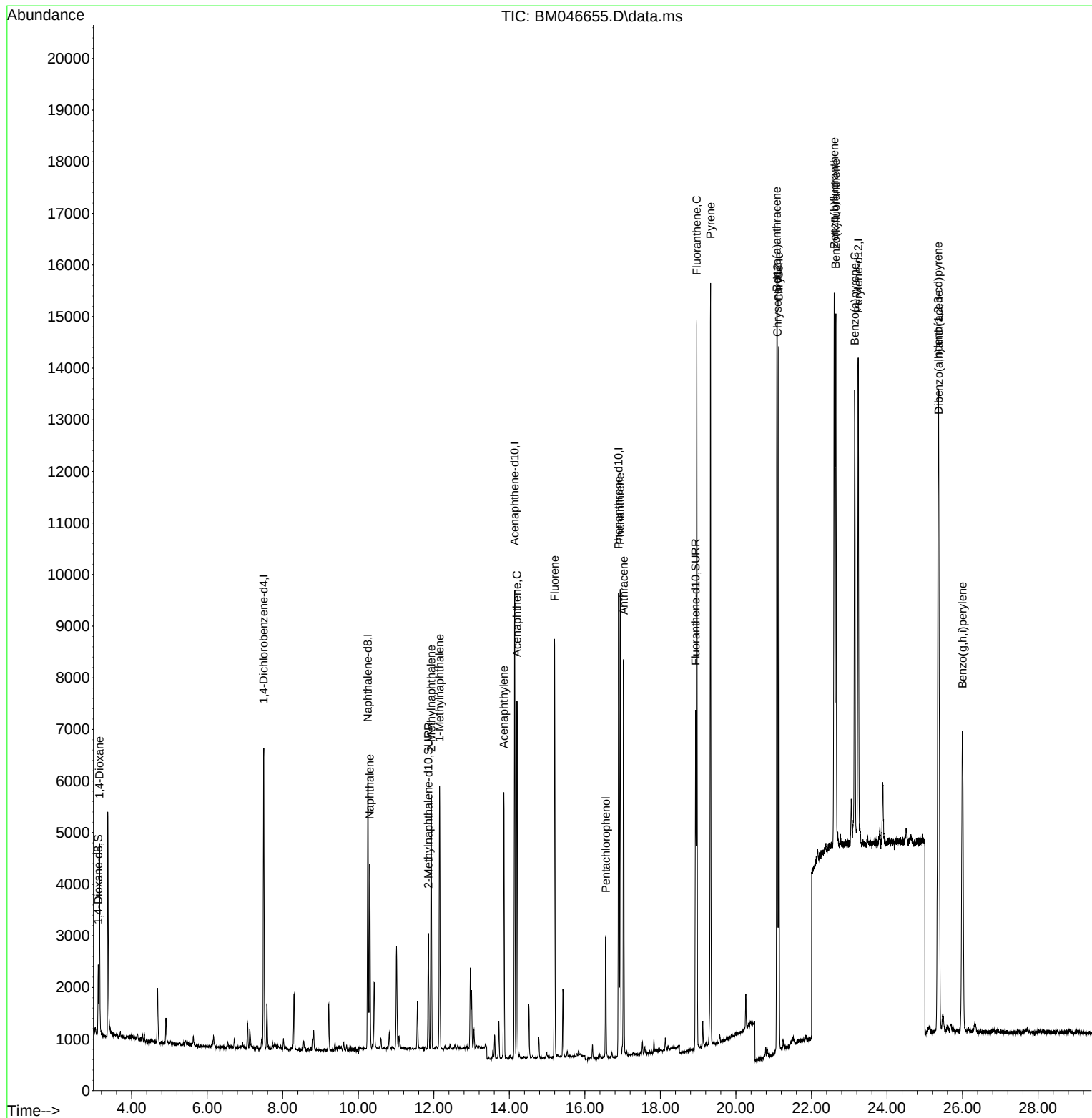
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046655.D
Acq On : 17 Jul 2024 05:18
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ALS Vial : 68 Sample Multiplier: 1

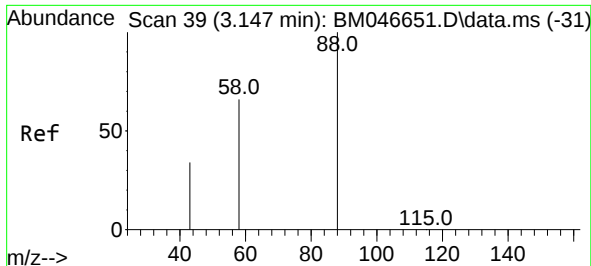
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD

Quant Time: Jul 17 05:48:48 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Manual Integrations
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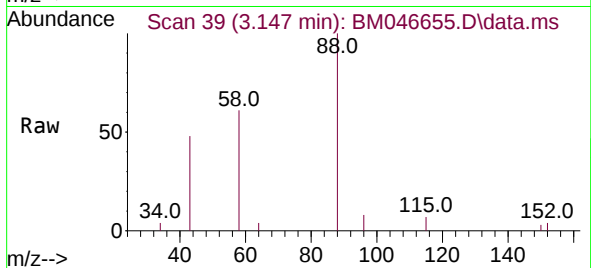
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#2
1,4-Dioxane
Concen: 0.930 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.005 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

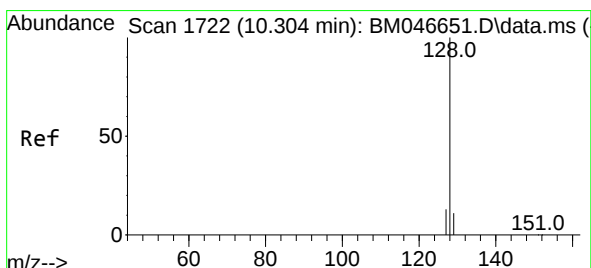
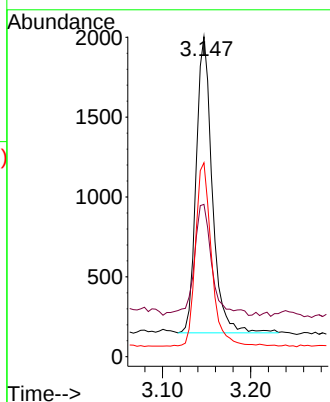
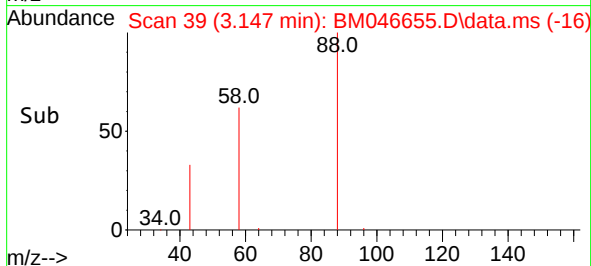
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



Tgt Ion: 88 Resp: 234
Ion Ratio Lower Upper
88 100
43 47.6 70.2 105.4
58 60.6 48.2 72.4

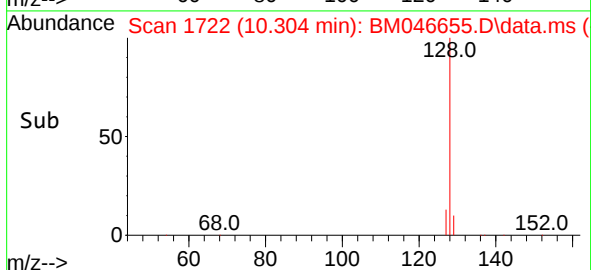
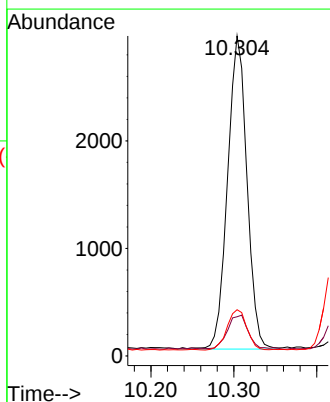
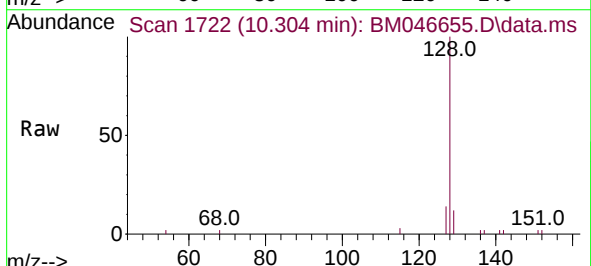
Manual Integrations
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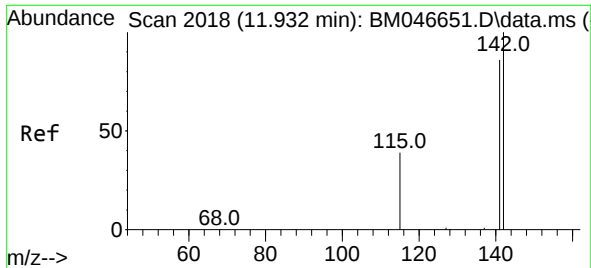
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#5
Naphthalene
Concen: 0.251 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

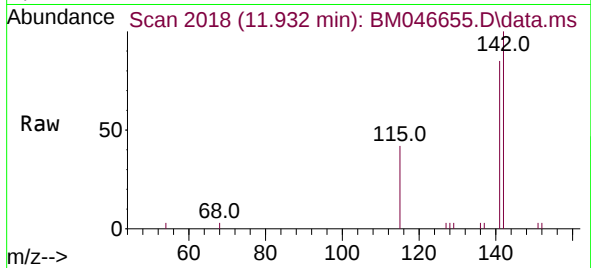
Tgt Ion:128 Resp: 4721
Ion Ratio Lower Upper
128 100
129 12.3 10.3 15.5
127 14.4 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

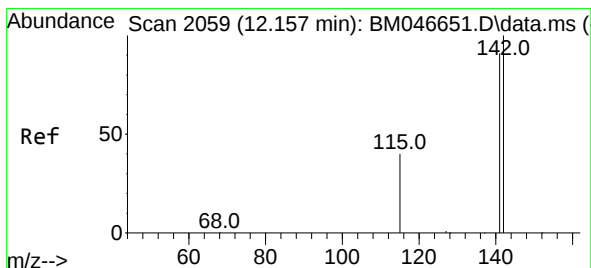
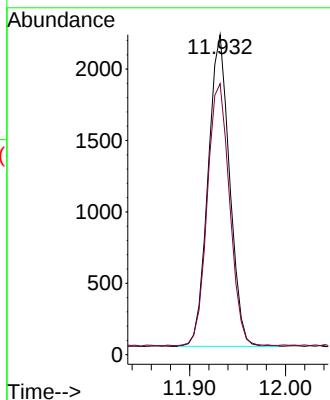
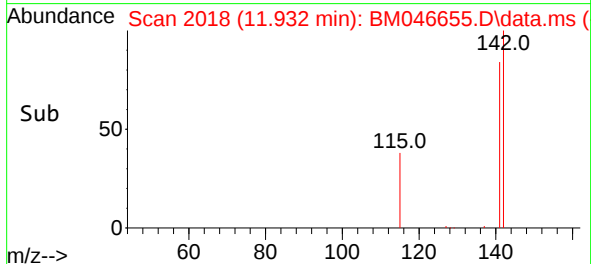
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



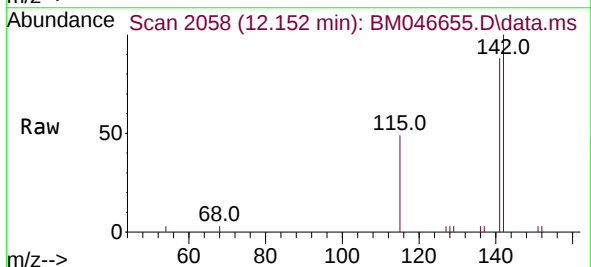
Tgt Ion:142 Resp: 3388
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5

Manual Integrations
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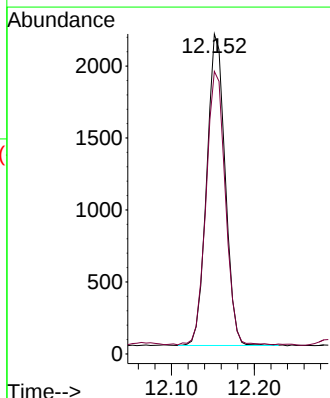
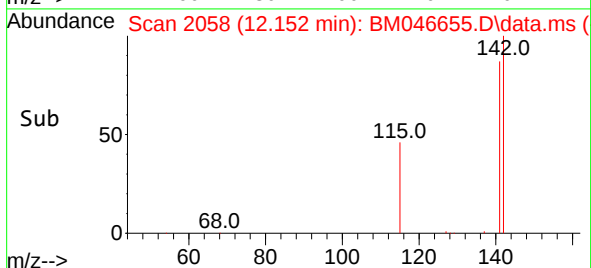
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

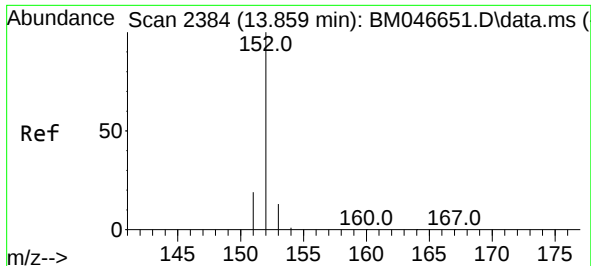


#8
1-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18



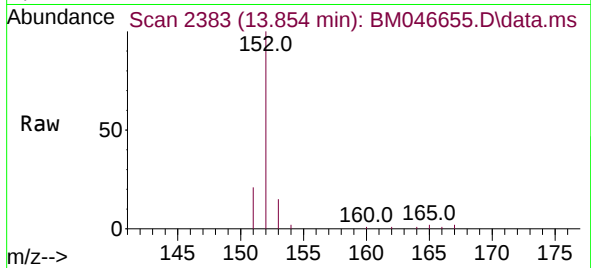
Tgt Ion:142 Resp: 3337
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9





#10
Acenaphthylene
Concen: 0.252 ng/ul
RT: 13.854 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

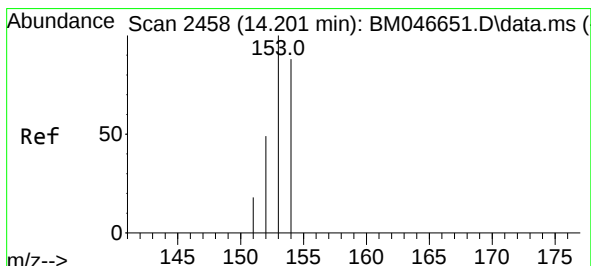
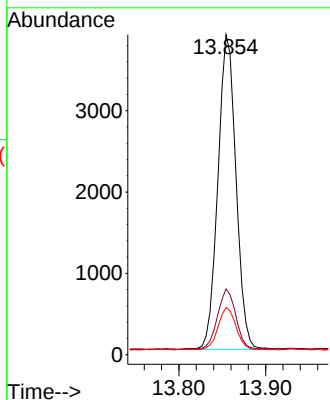
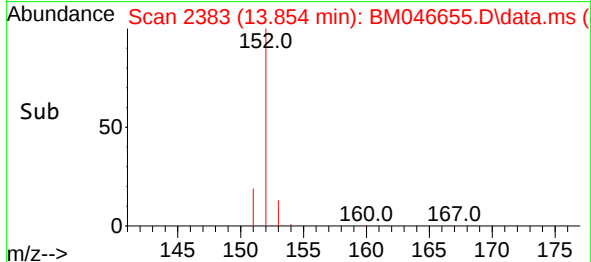
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



Tgt Ion:152 Resp: 562
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.7 12.4 18.6

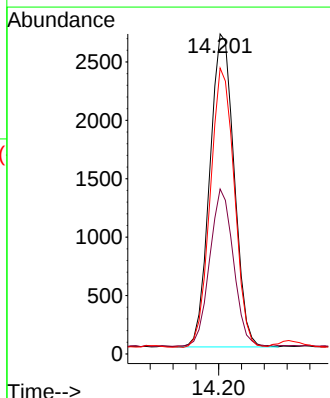
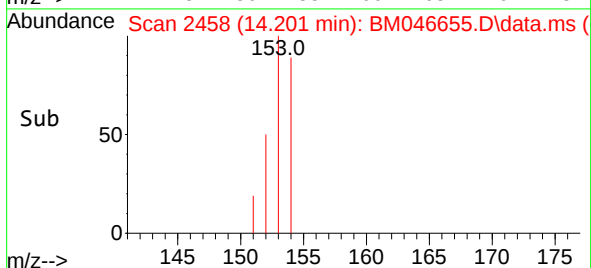
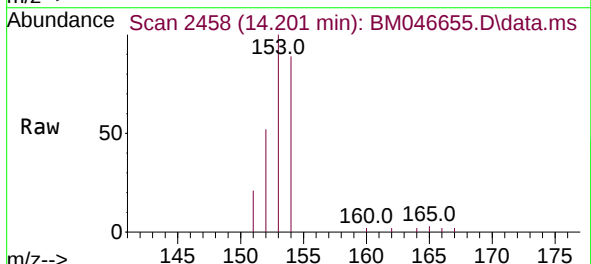
Manual Integrations
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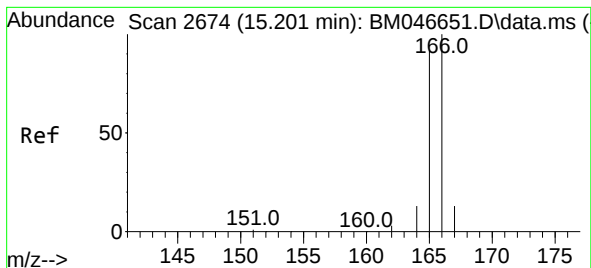
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.266 ng/ul
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

Tgt Ion:153 Resp: 3979
Ion Ratio Lower Upper
153 100
152 51.5 43.0 64.6
154 89.3 69.9 104.9





#12

Fluorene

Concen: 0.266 ng/ul

RT: 15.201 min Scan# 2674

Delta R.T. -0.005 min

Lab File: BM046655.D

Acq: 17 Jul 2024 05:18

Instrument :

BNA_M

ClientSampleId :

A4CD1MSD

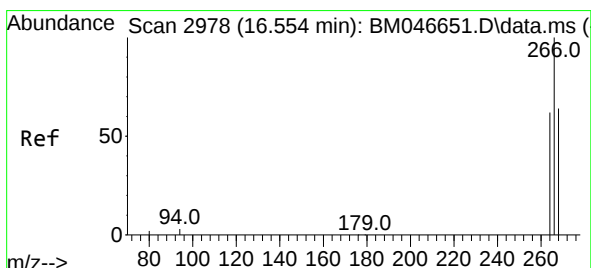
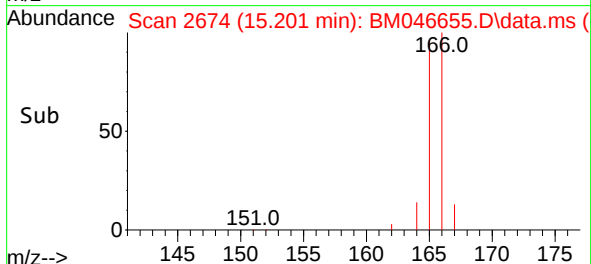
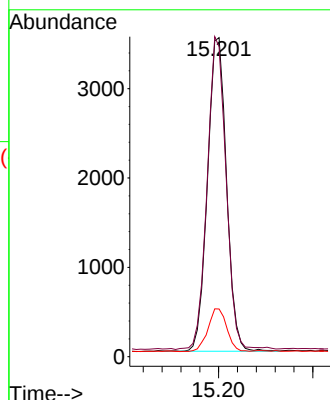
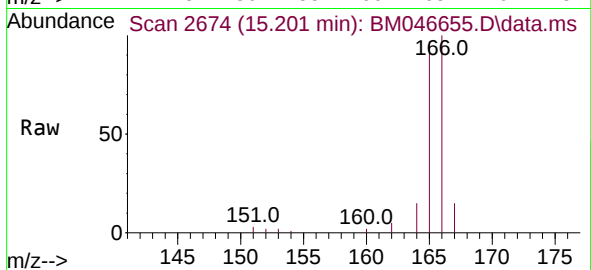
Tgt Ion:	166	Resp:	4928
Ion Ratio	Lower	Upper	
166	100		
165	97.1	76.1	114.1
167	15.0	12.5	18.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#14

Pentachlorophenol

Concen: 0.287 ng/ul

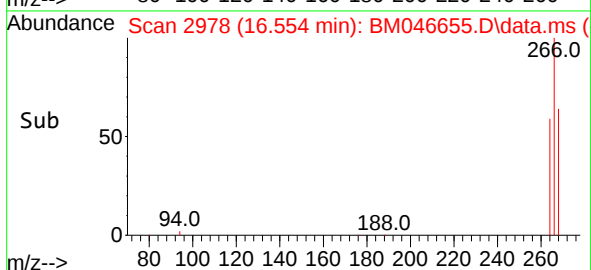
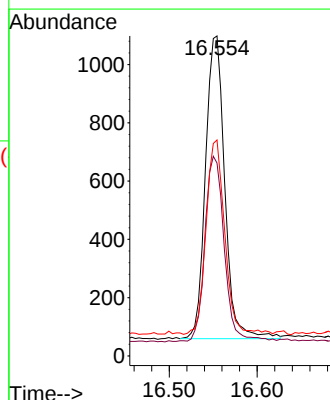
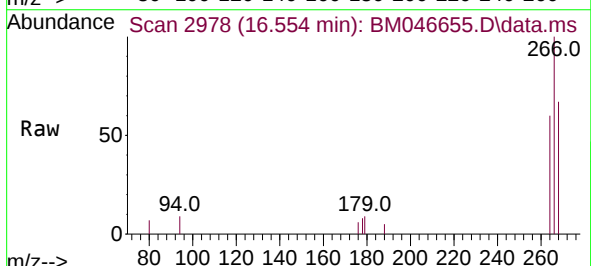
RT: 16.554 min Scan# 2978

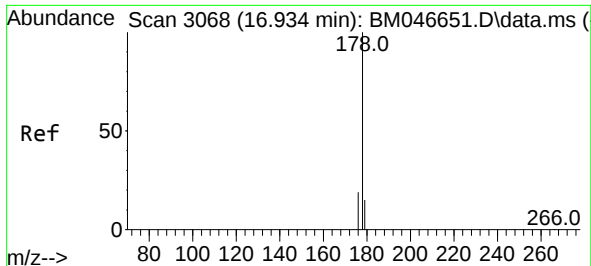
Delta R.T. -0.000 min

Lab File: BM046655.D

Acq: 17 Jul 2024 05:18

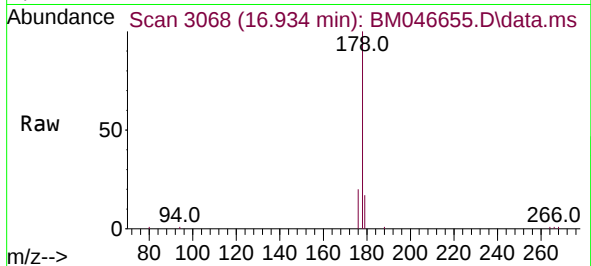
Tgt Ion:	266	Resp:	1583
Ion Ratio	Lower	Upper	
266	100		
264	62.2	50.1	75.1
268	62.3	52.5	78.7





#15
Phenanthrene
Concen: 0.300 ng/u1
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

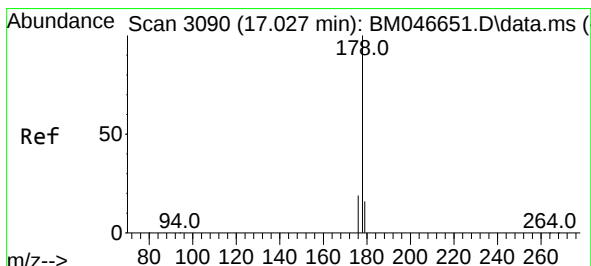
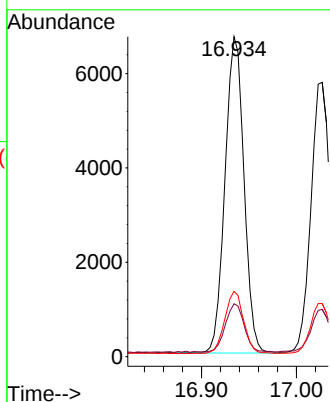
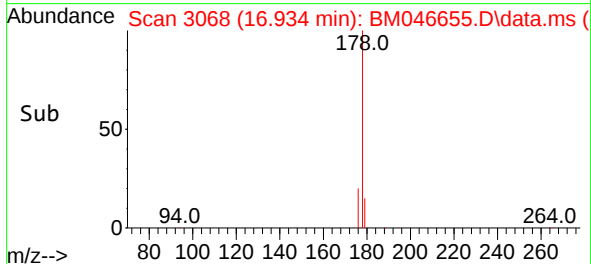
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



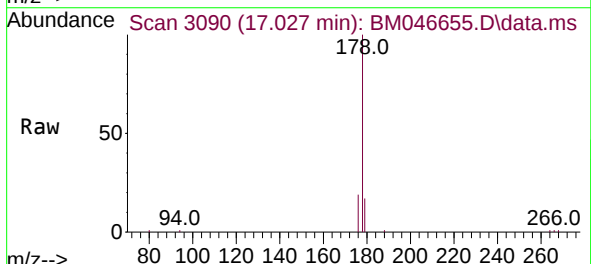
Tgt Ion:178 Resp: 9334
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 20.4 16.0 24.0

Manual Integrations
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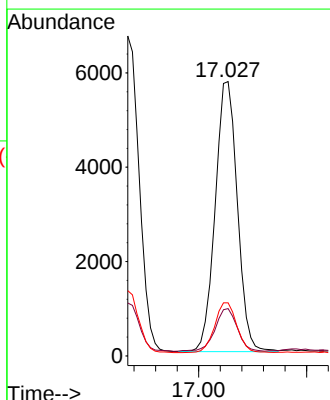
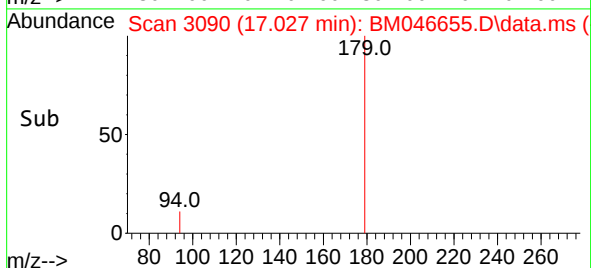
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

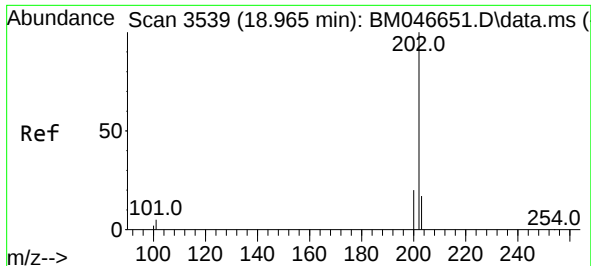


#16
Anthracene
Concen: 0.269 ng/u1
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18



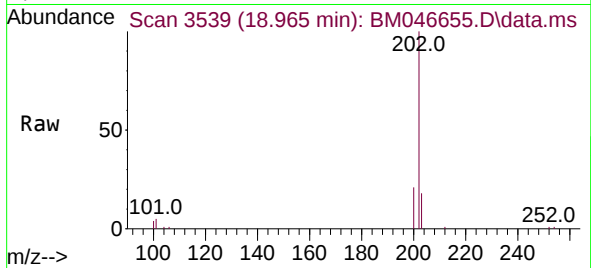
Tgt Ion:178 Resp: 8151
Ion Ratio Lower Upper
178 100
179 17.3 13.5 20.3
176 19.3 15.7 23.5





#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

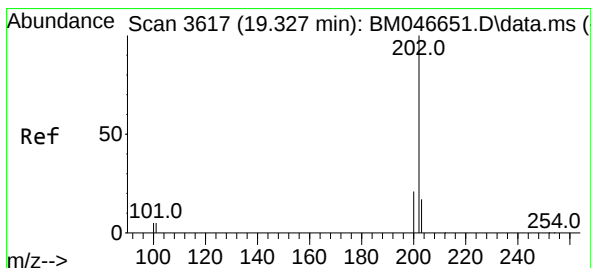
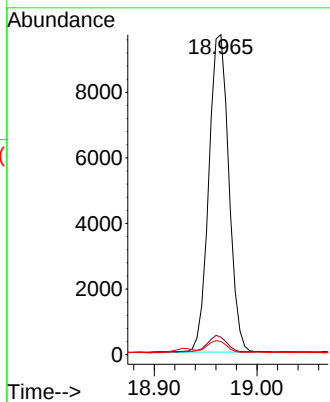
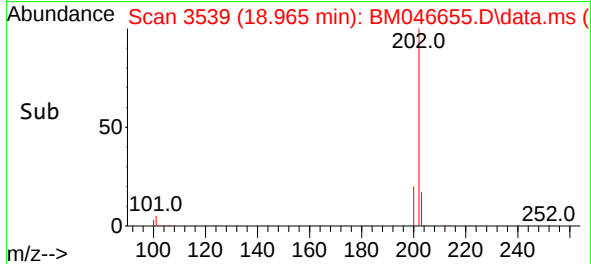
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



Tgt Ion:202 Resp: 1304
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.1 3.0 4.6

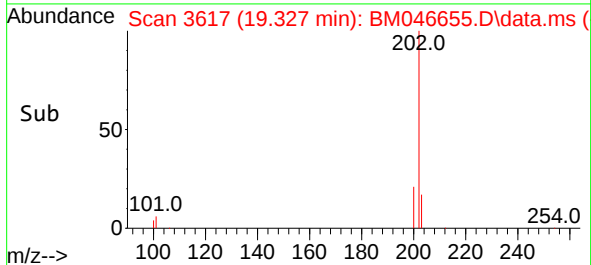
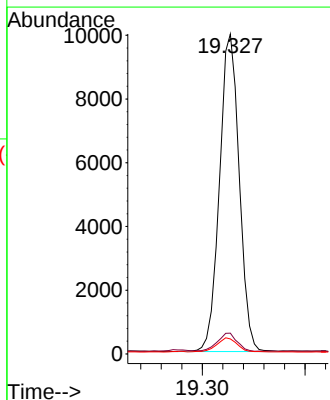
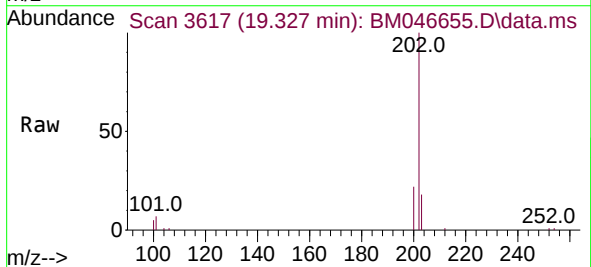
Manual Integrations
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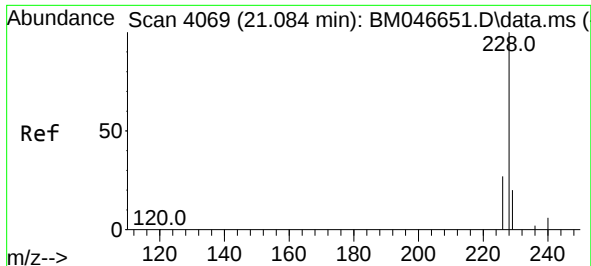
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

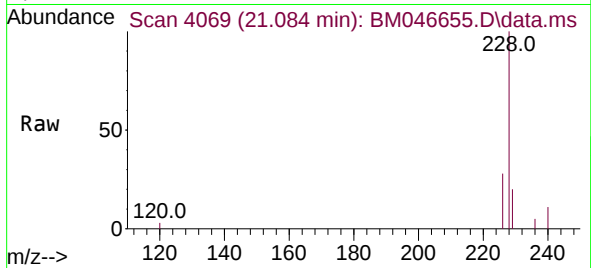
Tgt Ion:202 Resp: 13288
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 4.7 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

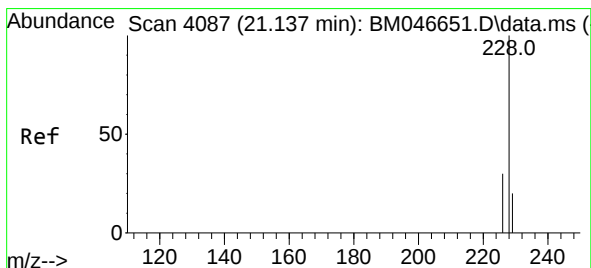
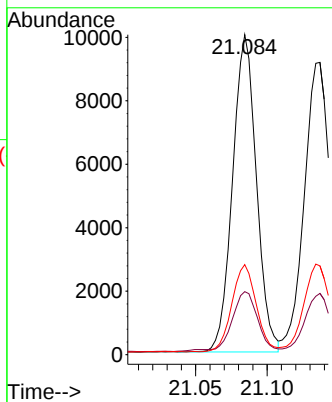
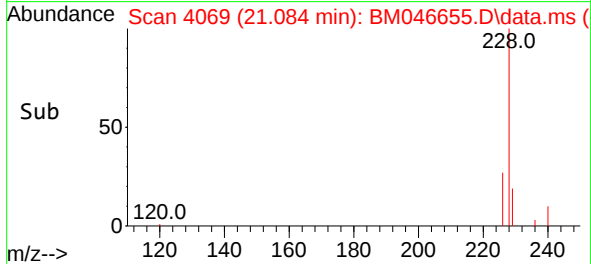
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



Tgt Ion:228 Resp: 11610
Ion Ratio Lower Upper
228 100
229 19.7 16.5 24.7
226 28.2 22.5 33.7

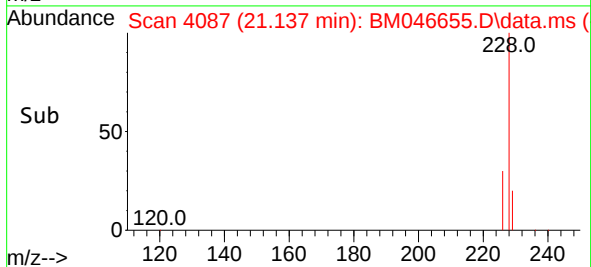
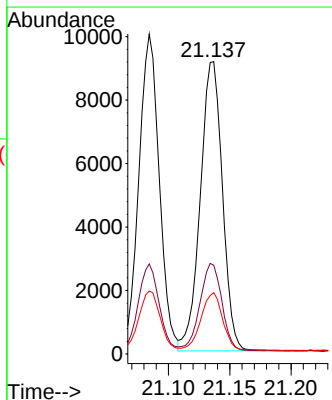
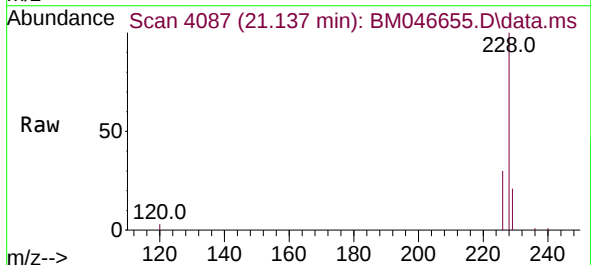
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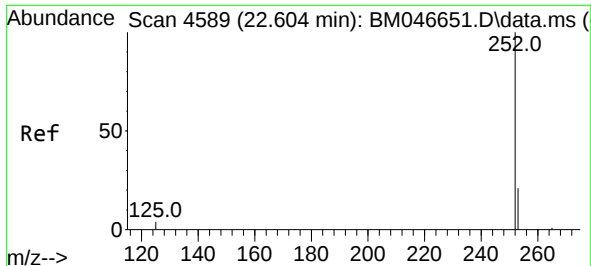
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

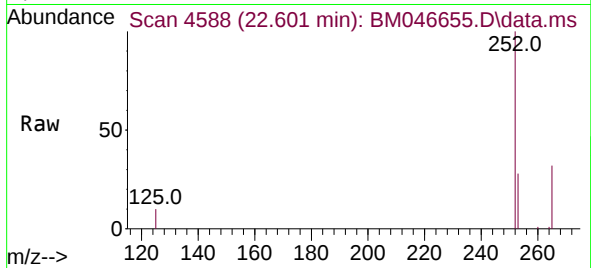
Tgt Ion:228 Resp: 11448
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 22.601 min Scan# 4589
Delta R.T. -0.009 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18

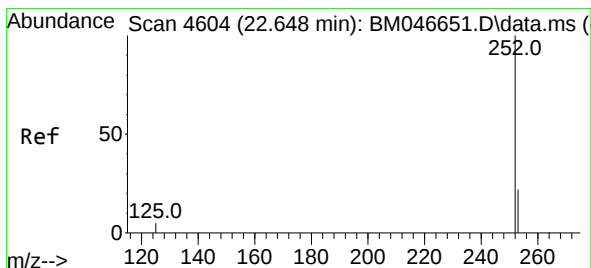
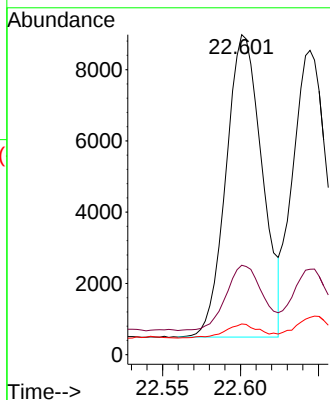
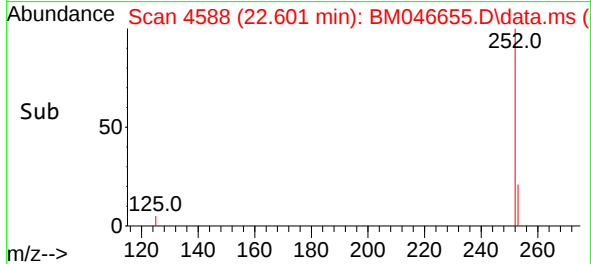
Instrument :
BNA_M
ClientSampleId :
A4CD1MSD



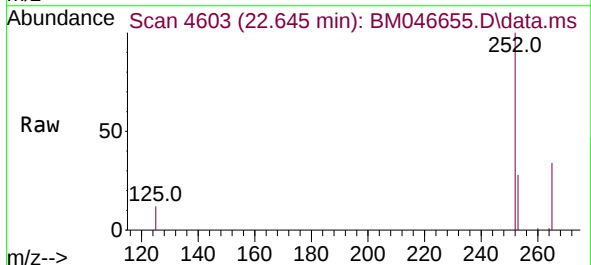
Tgt Ion:252 Resp: 13689
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.2
125 9.6 0.0 17.8

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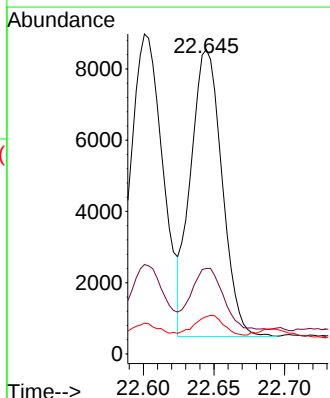
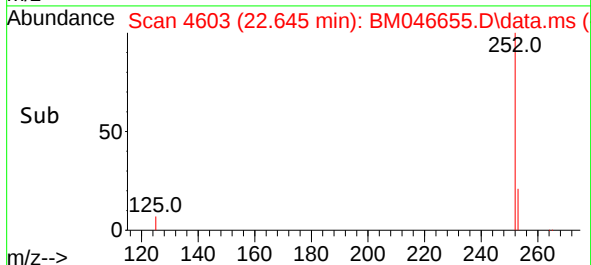
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

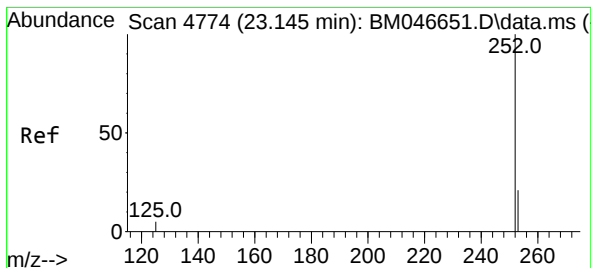


#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046655.D
Acq: 17 Jul 2024 05:18



Tgt Ion:252 Resp: 12445
Ion Ratio Lower Upper
252 100
253 28.1 22.4 33.6
125 12.3 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.326 ng/ul

RT: 23.145 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046655.D

Acq: 17 Jul 2024 05:18

Instrument :

BNA_M

ClientSampleId :

A4CD1MSD

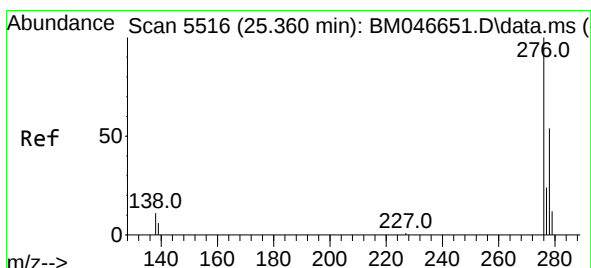
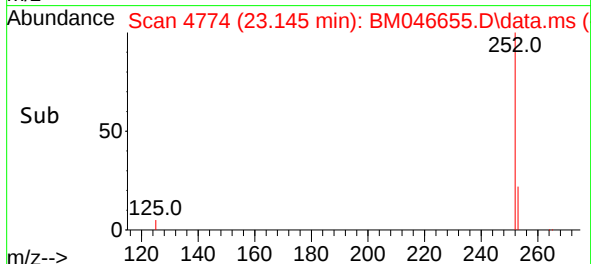
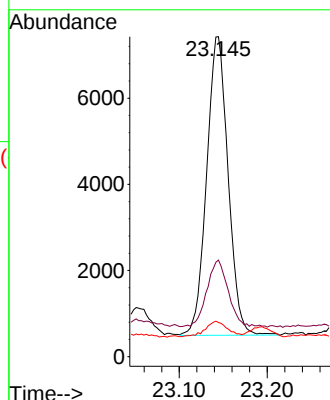
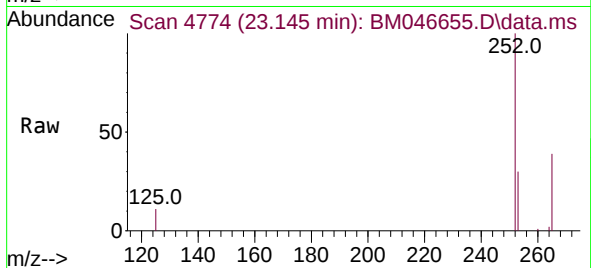
Tgt Ion:252 Resp: 1178
 Ion Ratio Lower Upper
 252 100
 253 30.2 24.0 36.0
 125 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul

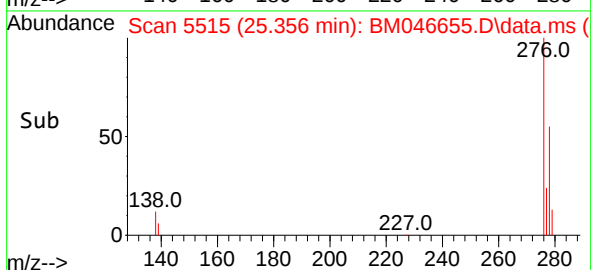
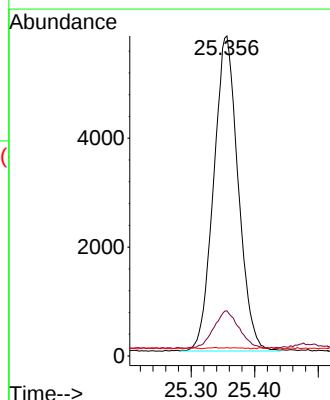
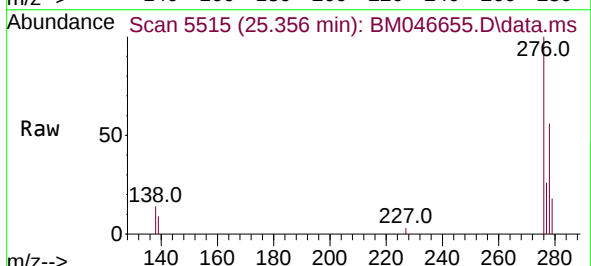
RT: 25.356 min Scan# 5515

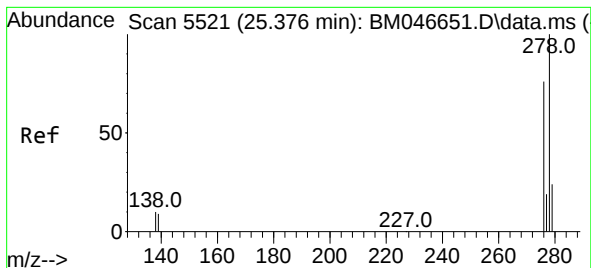
Delta R.T. -0.004 min

Lab File: BM046655.D

Acq: 17 Jul 2024 05:18

Tgt Ion:276 Resp: 15467
 Ion Ratio Lower Upper
 276 100
 138 12.2 0.0 0.0#
 227 0.5 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.264 ng/ul

RT: 25.370 min Scan# 51

Delta R.T. -0.014 min

Lab File: BM046655.D

Acq: 17 Jul 2024 05:18

Instrument :

BNA_M

ClientSampleId :

A4CD1MSD

Tgt Ion:278 Resp: 11490

Ion Ratio Lower Upper

278 100

139 12.2 9.1 13.7

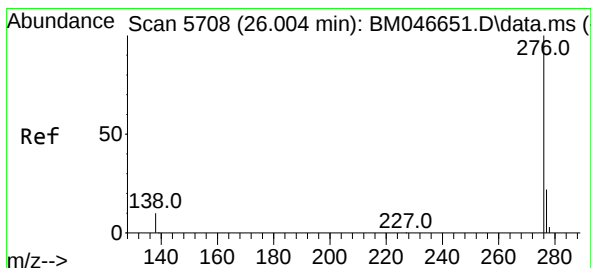
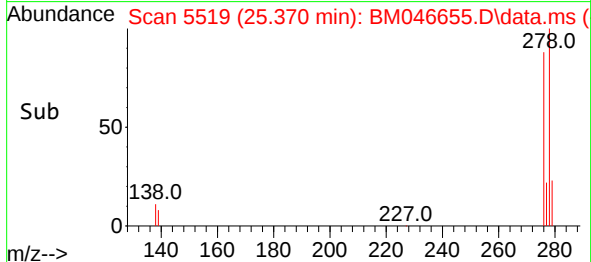
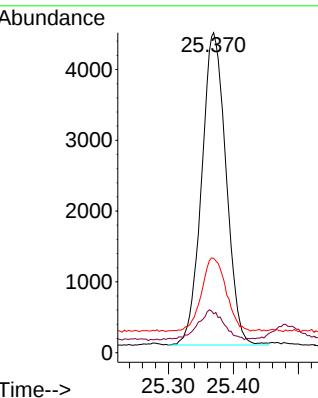
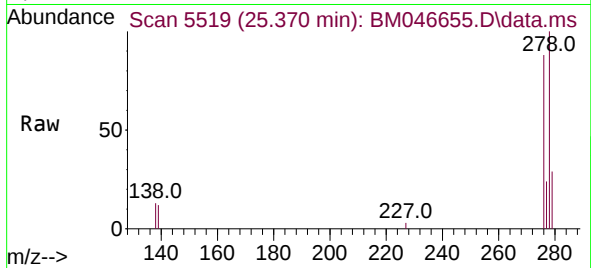
279 29.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#29

Benzo(g,h,i)perylene

Concen: 0.283 ng/ul

RT: 26.000 min Scan# 5707

Delta R.T. -0.004 min

Lab File: BM046655.D

Acq: 17 Jul 2024 05:18

Tgt Ion:276 Resp: 12422

Ion Ratio Lower Upper

276 100

138 13.4 10.2 15.4

277 26.1 20.9 31.3

