

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046656.D
 Acq On : 17 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3100-06
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW2

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 06:24:41 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	3018	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.254	136	8199	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	5454	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	12532m	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	10777	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	11164m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	8206	3.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	3222	0.244	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	8120	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.304	128	1036	0.050	ng/ul#	86
7) 2-Methylnaphthalene	11.926	142	316	0.022	ng/ul	96
10) Acenaphthylene	13.859	152	1258	0.051	ng/ul#	91
11) Acenaphthene	14.201	153	463	0.028	ng/ul	95
12) Fluorene	15.196	166	502	0.024	ng/ul#	81
15) Phenanthrene	16.934	178	10312	0.288	ng/ul	99
16) Anthracene	17.027	178	1985	0.057	ng/ul#	91
19) Fluoranthene	18.960	202	16803	0.380	ng/ul#	99
20) Pyrene	19.327	202	15125m	0.316	ng/ul	
21) Benzo(a)anthracene	21.084	228	7072	0.148	ng/ul	94
22) Chrysene	21.134	228	8415	0.182	ng/ul	96
24) Benzo(b)fluoranthene	22.607	252	11715m	0.263	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	4331m	0.099	ng/ul	
26) Benzo(a)pyrene	23.147	252	7307	0.199	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.353	276	6676	0.120	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.363	278	1625	0.037	ng/ul#	15
29) Benzo(g,h,i)perylene	25.993	276	6443	0.145	ng/ul#	94

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

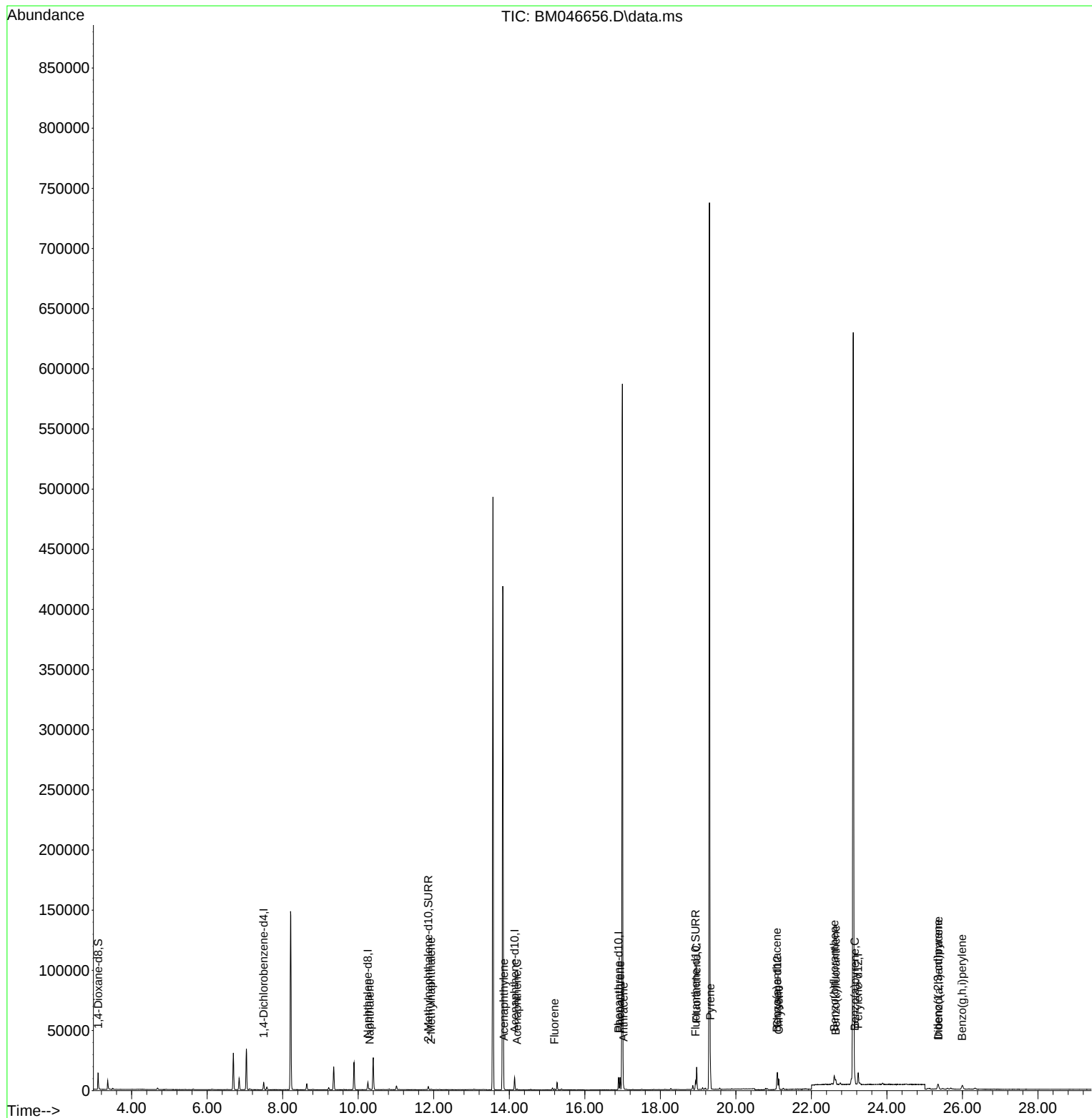
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046656.D
Acq On : 17 Jul 2024 05:54
Operator : MA/JU
Sample : P3100-06
Misc :
ALS Vial : 69 Sample Multiplier: 1

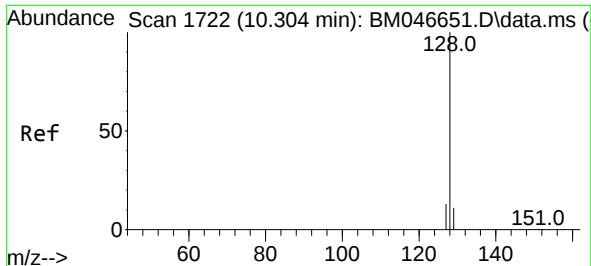
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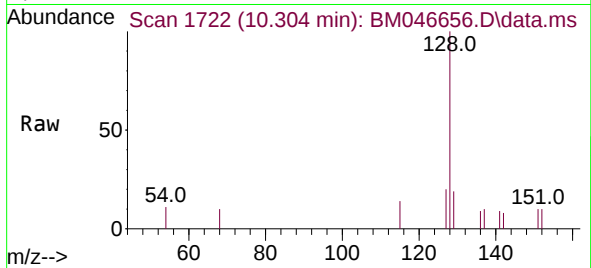
Quant Time: Jul 17 06:24:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

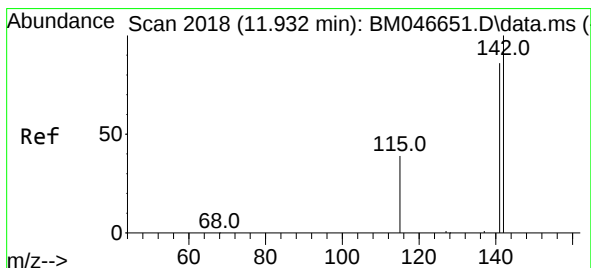
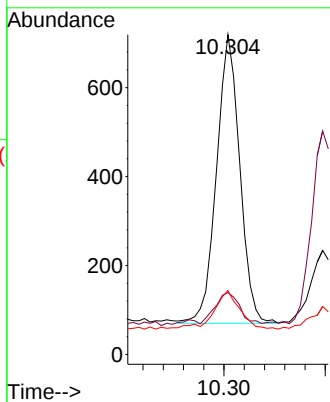
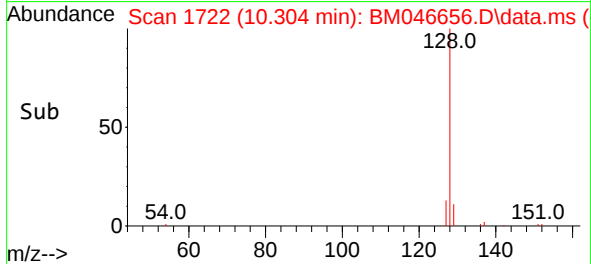
Instrument :
BNA_M
ClientSampleId :
A4BW2



Tgt Ion:128 Resp: 1030
Ion Ratio Lower Upper
128 100
129 19.3 10.3 15.5
127 20.0 12.2 18.4

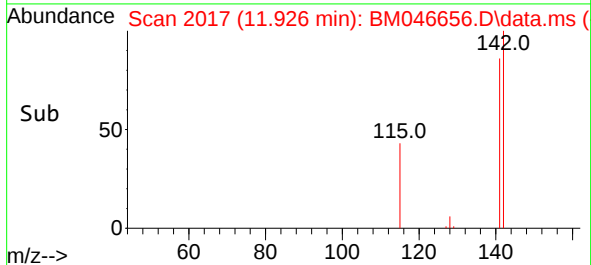
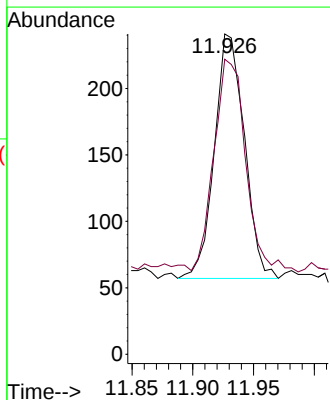
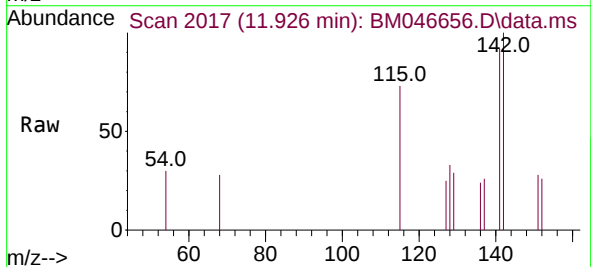
Manual Integrations
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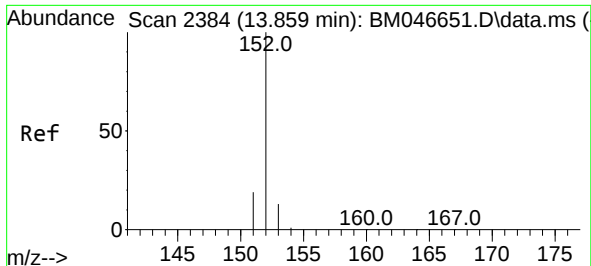
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.926 min Scan# 2017
Delta R.T. -0.017 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

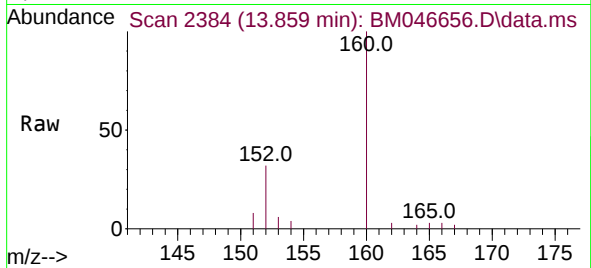
Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
141 91.8 70.3 105.5





#10
Acenaphthylene
Concen: 0.051 ng/u1
RT: 13.859 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

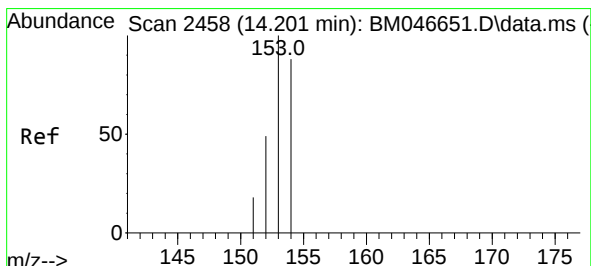
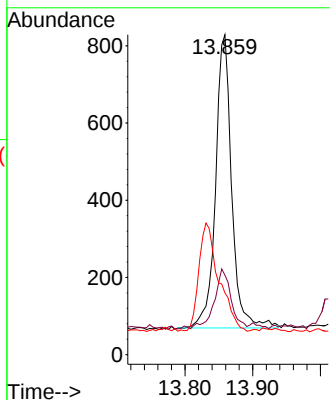
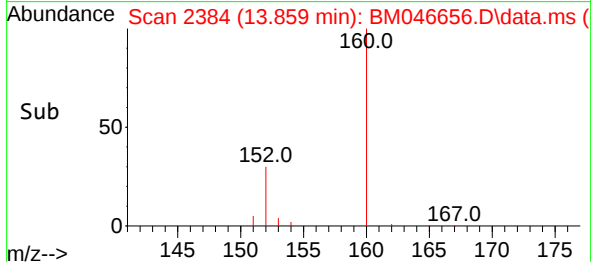
Instrument :
BNA_M
ClientSampleId :
A4BW2



Tgt Ion:152 Resp: 1258
Ion Ratio Lower Upper
152 100
151 24.8 16.4 24.6
153 19.3 12.4 18.6

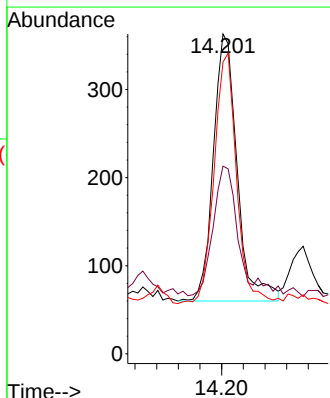
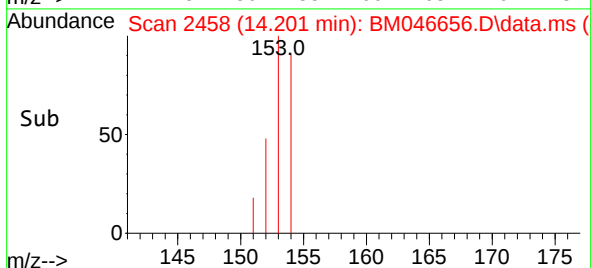
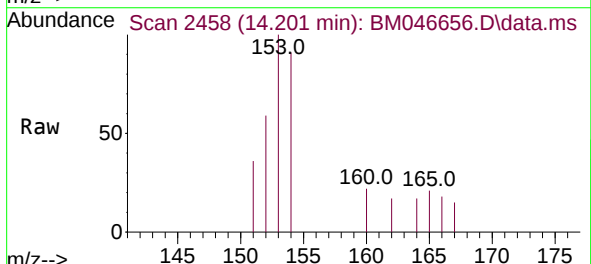
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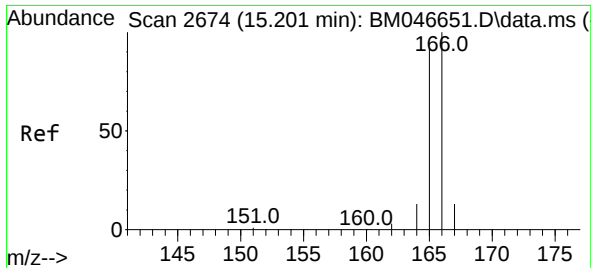
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

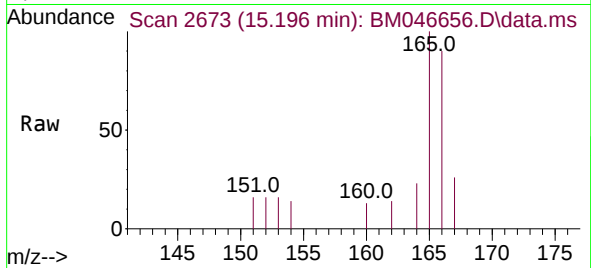
Tgt Ion:153 Resp: 463
Ion Ratio Lower Upper
153 100
152 58.7 43.0 64.6
154 91.2 69.9 104.9





#12
Fluorene
Concen: 0.024 ng/uI
RT: 15.196 min Scan# 2673
Delta R.T. -0.010 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

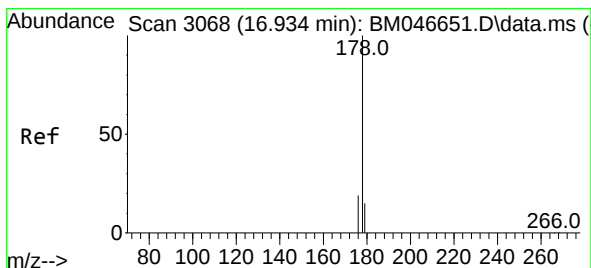
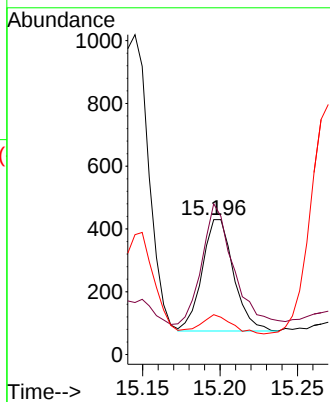
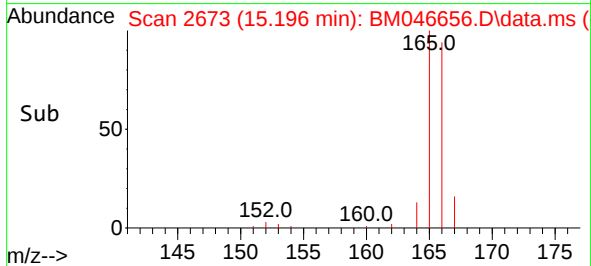
Instrument :
BNA_M
ClientSampleId :
A4BW2



Tgt Ion:166 Resp: 502
Ion Ratio Lower Upper
166 100
165 111.6 76.1 114.1
167 29.5 12.5 18.7

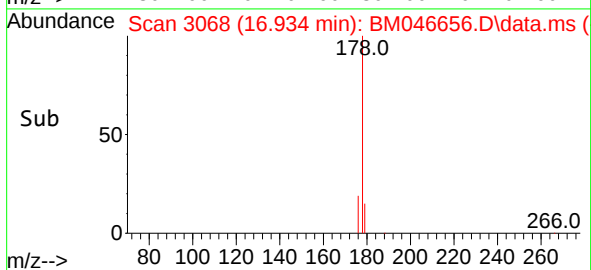
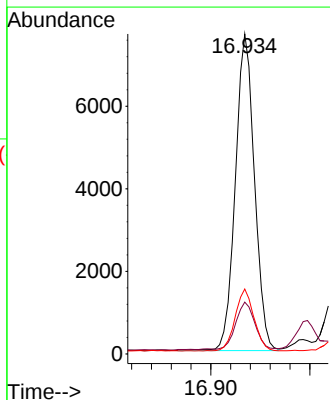
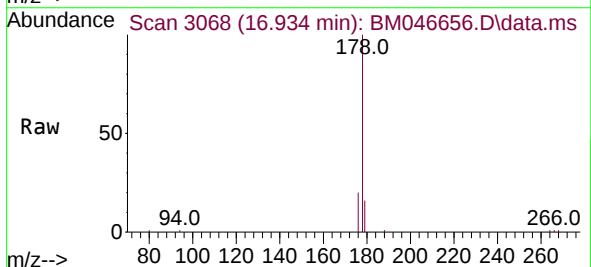
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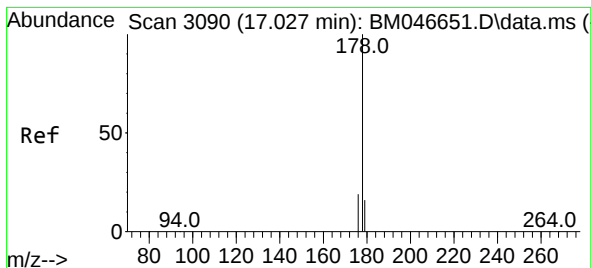
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 0.288 ng/uI
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

Tgt Ion:178 Resp: 10312
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 20.3 16.0 24.0





#16

Anthracene

Concen: 0.057 ng/ul

RT: 17.027 min Scan# 3090

Delta R.T. -0.005 min

Lab File: BM046656.D

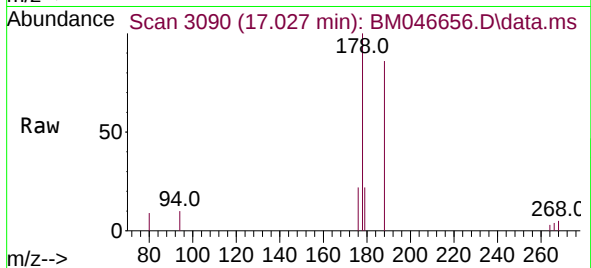
Acq: 17 Jul 2024 05:54

Instrument :

BNA_M

ClientSampleId :

A4BW2



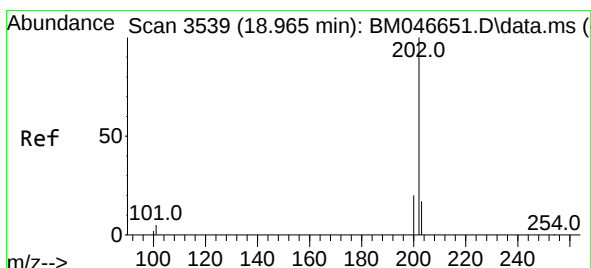
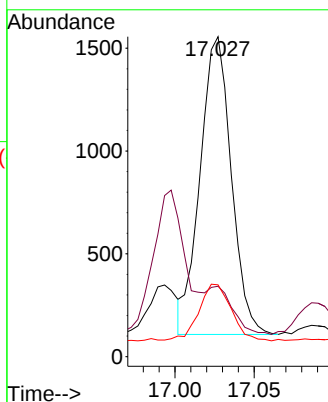
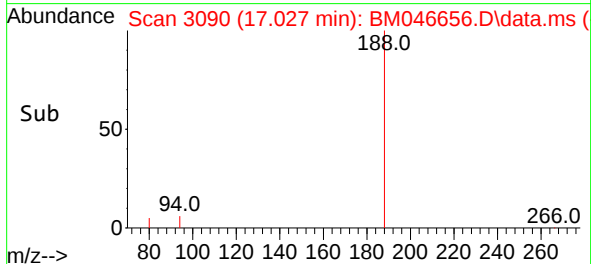
Tgt Ion:	178	Resp:	198
Ion Ratio	Lower	Upper	
178	100		
179	22.0	13.5	20.3
176	22.4	15.7	23.5

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#19

Fluoranthene

Concen: 0.380 ng/ul

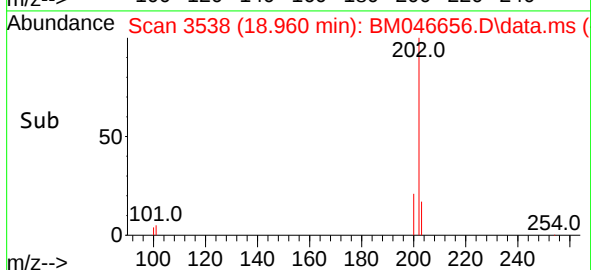
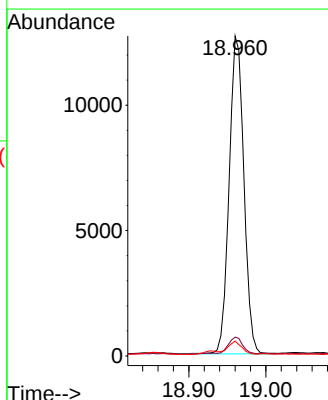
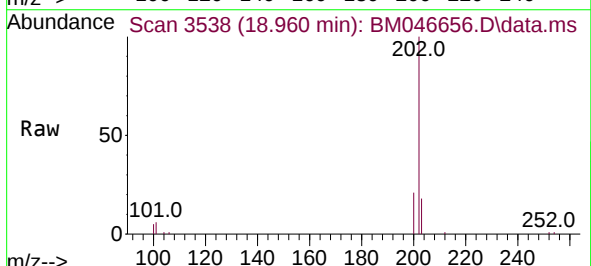
RT: 18.960 min Scan# 3538

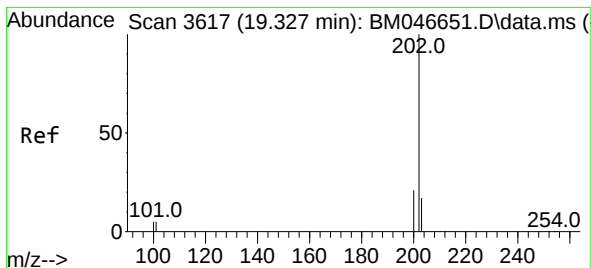
Delta R.T. -0.010 min

Lab File: BM046656.D

Acq: 17 Jul 2024 05:54

Tgt Ion:	202	Resp:	16803
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.6	6.8
100	4.6	3.0	4.6





#20

Pyrene

Concen: 0.316 ng/ul m

RT: 19.327 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM046656.D

Acq: 17 Jul 2024 05:54

Instrument :

BNA_M

ClientSampleId :

A4BW2

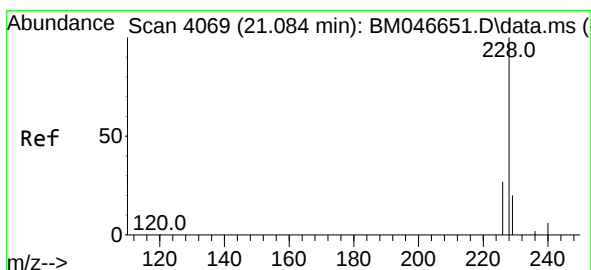
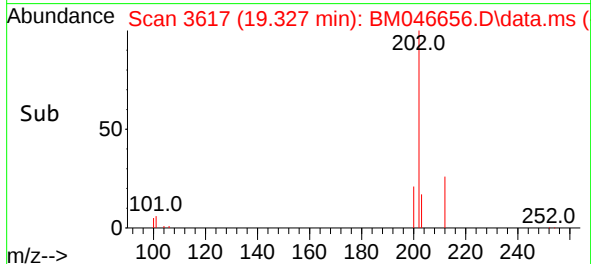
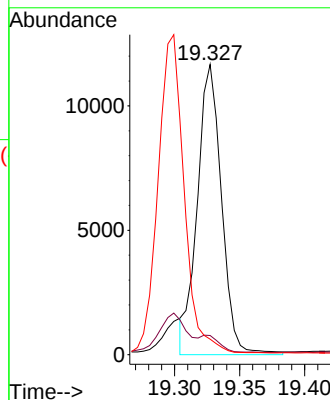
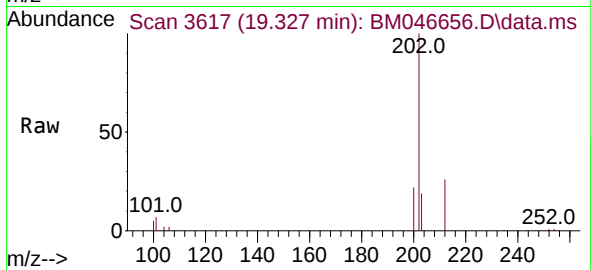
Tgt Ion:	202	Resp:	1512
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.1	7.7
100	5.4	3.8	5.6

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#21

Benzo(a)anthracene

Concen: 0.148 ng/ul

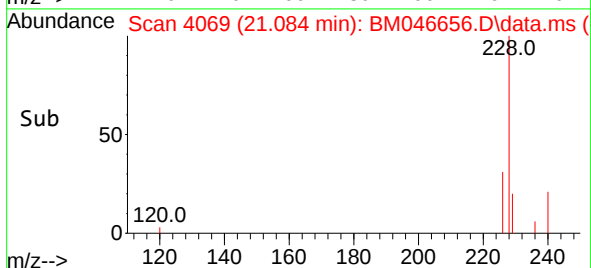
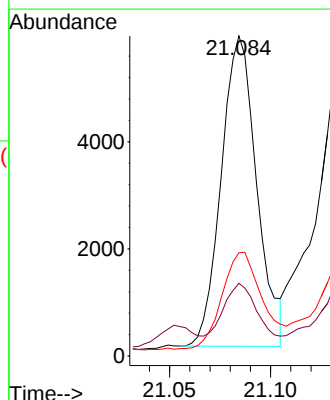
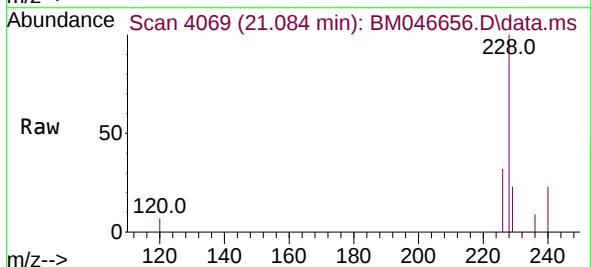
RT: 21.084 min Scan# 4069

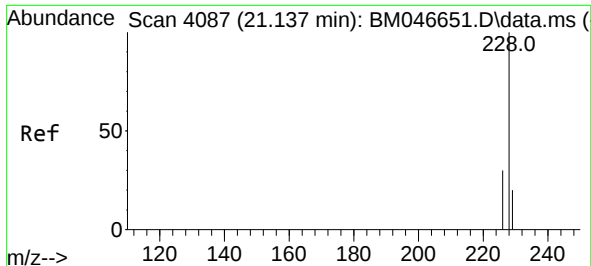
Delta R.T. -0.003 min

Lab File: BM046656.D

Acq: 17 Jul 2024 05:54

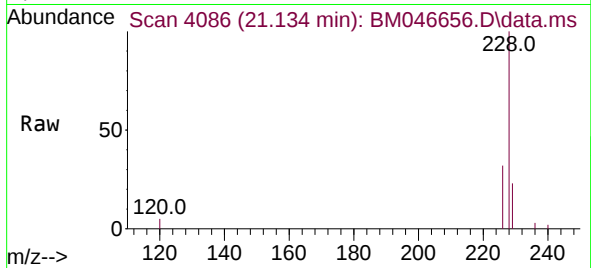
Tgt Ion:	228	Resp:	7072
Ion Ratio	Lower	Upper	
228	100		
229	22.7	16.5	24.7
226	32.3	22.5	33.7





#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.006 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

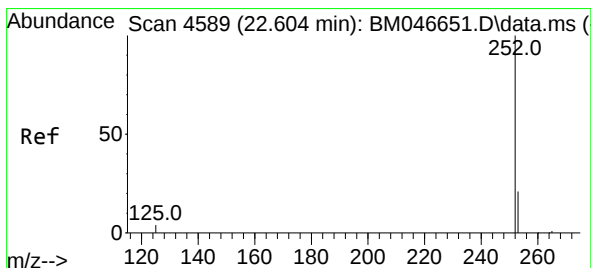
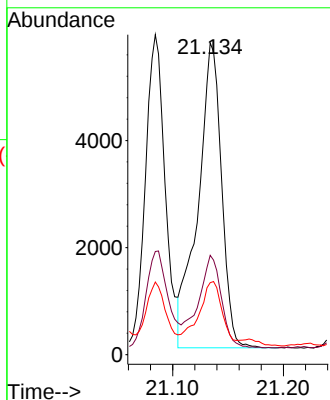
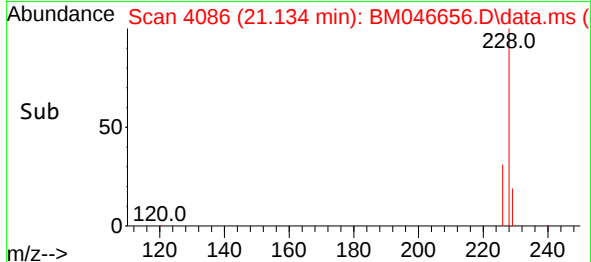
Instrument :
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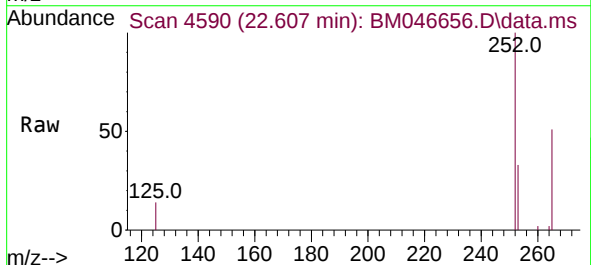
Tgt Ion:228 Resp: 8415
Ion Ratio Lower Upper
228 100
226 31.9 24.3 36.5
229 23.1 16.4 24.6

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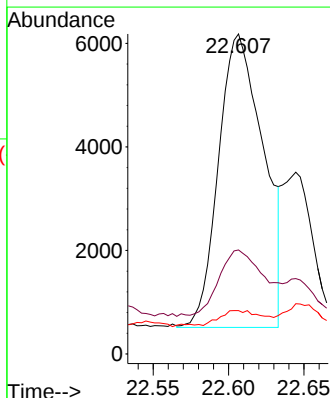
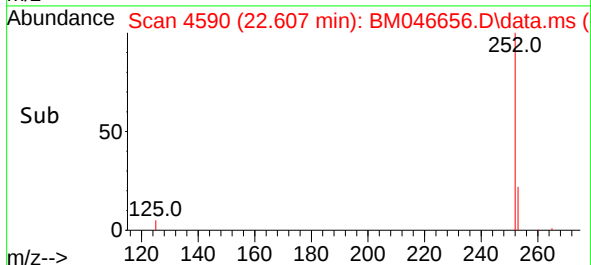
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

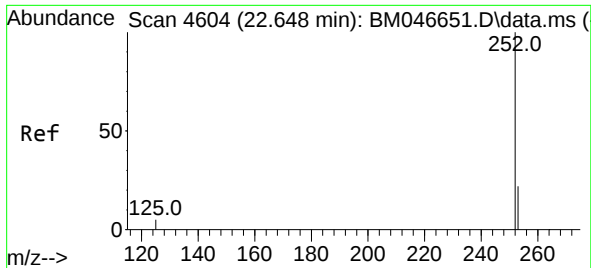


#24
Benzo(b)fluoranthene
Concen: 0.263 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54



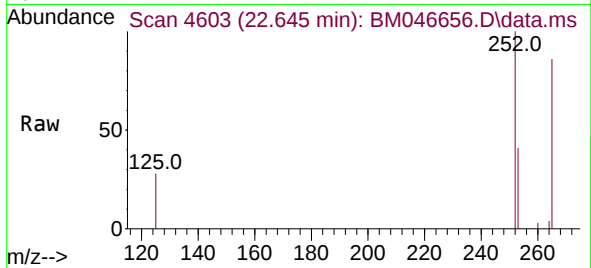
Tgt Ion:252 Resp: 11715
Ion Ratio Lower Upper
252 100
253 32.5 0.0 56.2
125 13.6 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

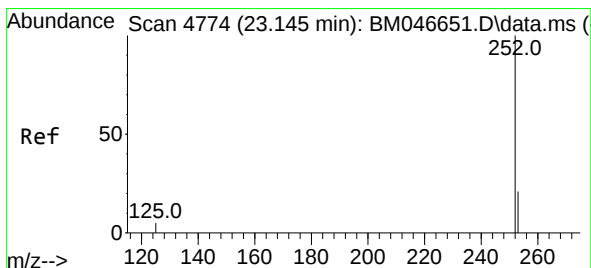
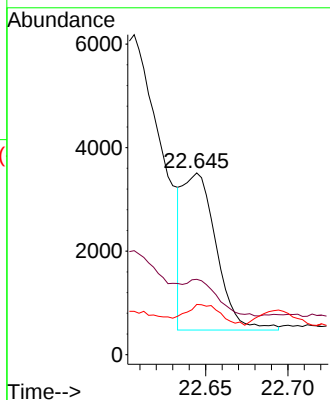
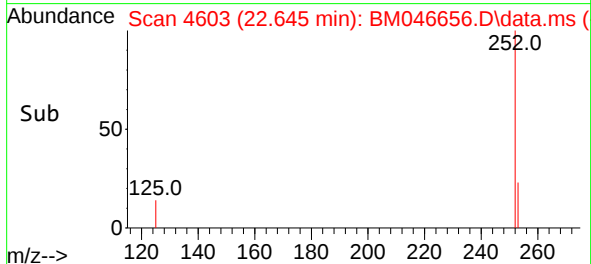
Instrument :
BNA_M
ClientSampleId :
A4BW2



Tgt Ion:252 Resp: 433
Ion Ratio Lower Upper
252 100
253 41.5 22.4 33.6
125 27.7 7.0 10.4

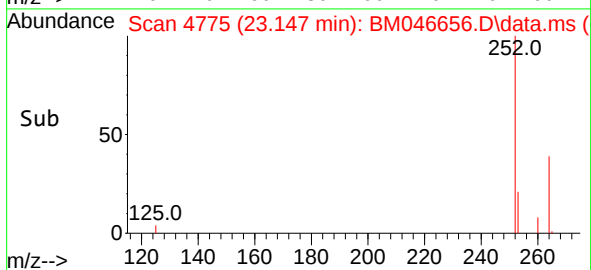
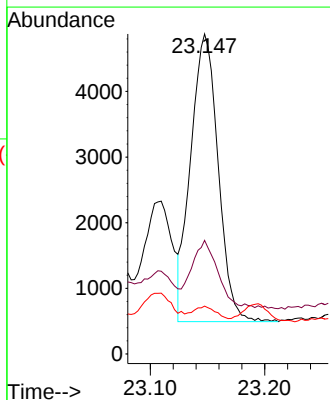
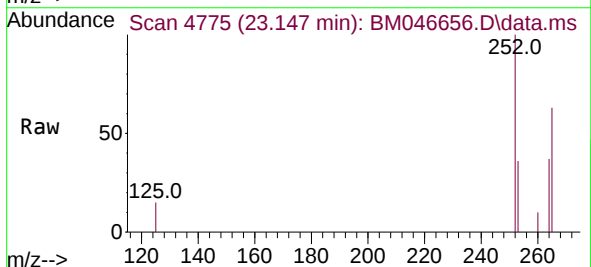
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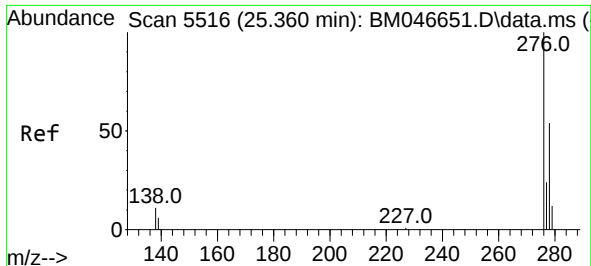
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.147 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

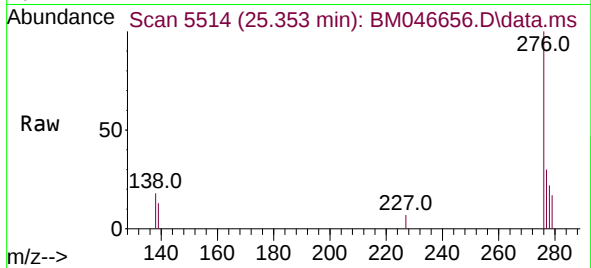
Tgt Ion:252 Resp: 7307
Ion Ratio Lower Upper
252 100
253 35.5 24.0 36.0
125 15.0 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 25.353 min Scan# 5516
Delta R.T. -0.007 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

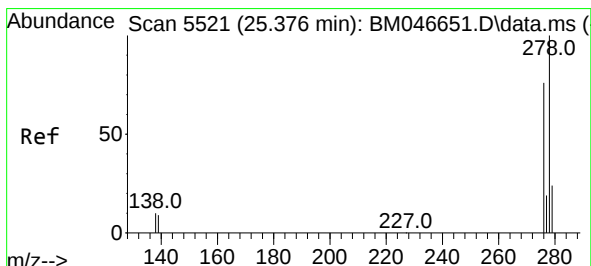
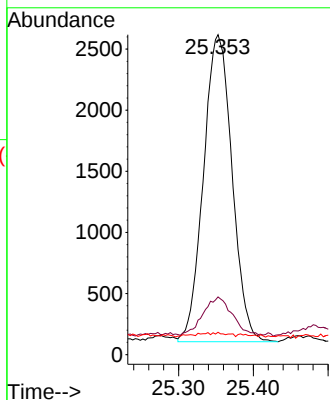
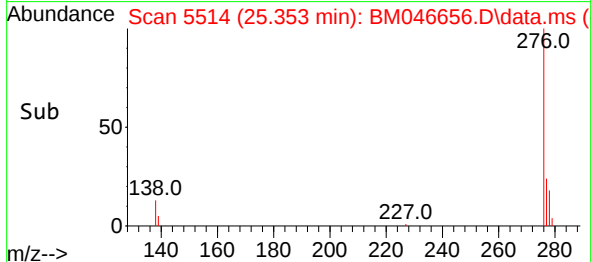
Instrument :
BNA_M
ClientSampleId :
A4BW2



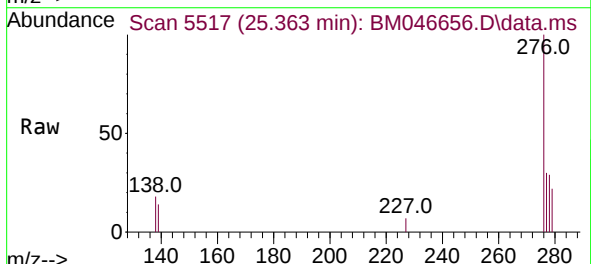
Tgt Ion:276 Resp: 6670
Ion Ratio Lower Upper
276 100
138 13.1 0.0 0.0#
227 0.8 0.2 0.2#

Manual Integrations
APPROVED

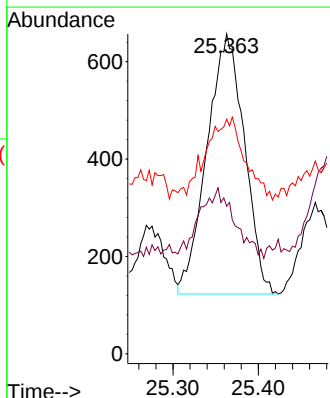
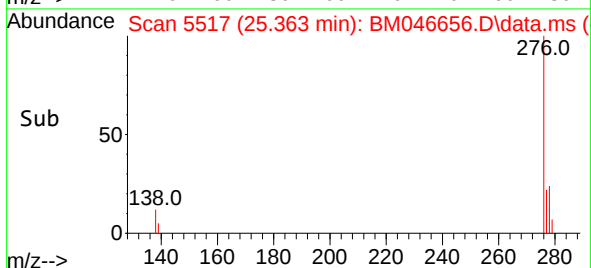
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

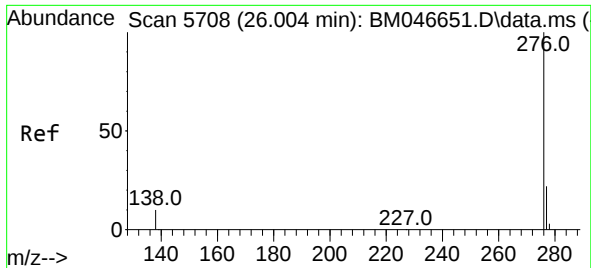


#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. -0.021 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54



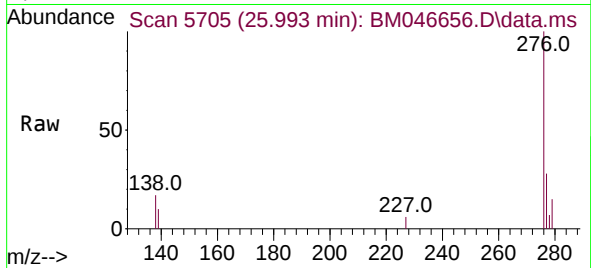
Tgt Ion:278 Resp: 1625
Ion Ratio Lower Upper
278 100
139 46.1 9.1 13.7#
279 73.4 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 25.993 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM046656.D
Acq: 17 Jul 2024 05:54

Instrument :
BNA_M
ClientSampleId :
A4BW2



Tgt Ion: 276 Resp: 644
Ion Ratio Lower Upper
276 100
138 16.9 10.2 15.4
277 28.3 20.9 31.3

Manual Integrations
APPROVED

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

