

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046639.D
 Acq On : 16 Jul 2024 18:50
 Operator : MA/JU
 Sample : P3177-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS5

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 00:39:13 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	7.501	152	2296	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6379	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	4289	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	9634	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	8487	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	9100	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	4170	2.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	1783	0.173	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	4732	0.183	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.309	128	1658	0.102	ng/ul#	92
7) 2-Methylnaphthalene	11.937	142	604	0.053	ng/ul	94
8) 1-Methylnaphthalene	12.163	142	521	0.045	ng/ul	97
10) Acenaphthylene	13.864	152	2547	0.130	ng/ul	92
11) Acenaphthene	14.210	153	3124	0.239	ng/ul	95
12) Fluorene	15.205	166	3967	0.245	ng/ul	97
15) Phenanthrene	16.943	178	64106	2.332	ng/ul	98
16) Anthracene	17.031	178	13264	0.494	ng/ul	100
19) Fluoranthene	18.969	202	143741	4.123	ng/ul	99
20) Pyrene	19.332	202	82635	2.189	ng/ul	99
21) Benzo(a)anthracene	21.090	228	66530	1.772	ng/ul	99
22) Chrysene	21.143	228	70024	1.928	ng/ul	98
24) Benzo(b)fluoranthene	22.615	252	95882m	2.638	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	34973m	0.980	ng/ul	
26) Benzo(a)pyrene	23.156	252	26401	0.883	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.366	276	29332	0.644	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	11847	0.329	ng/ul#	83
29) Benzo(g,h,i)perylene	26.013	276	4103	0.113	ng/ul#	67

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

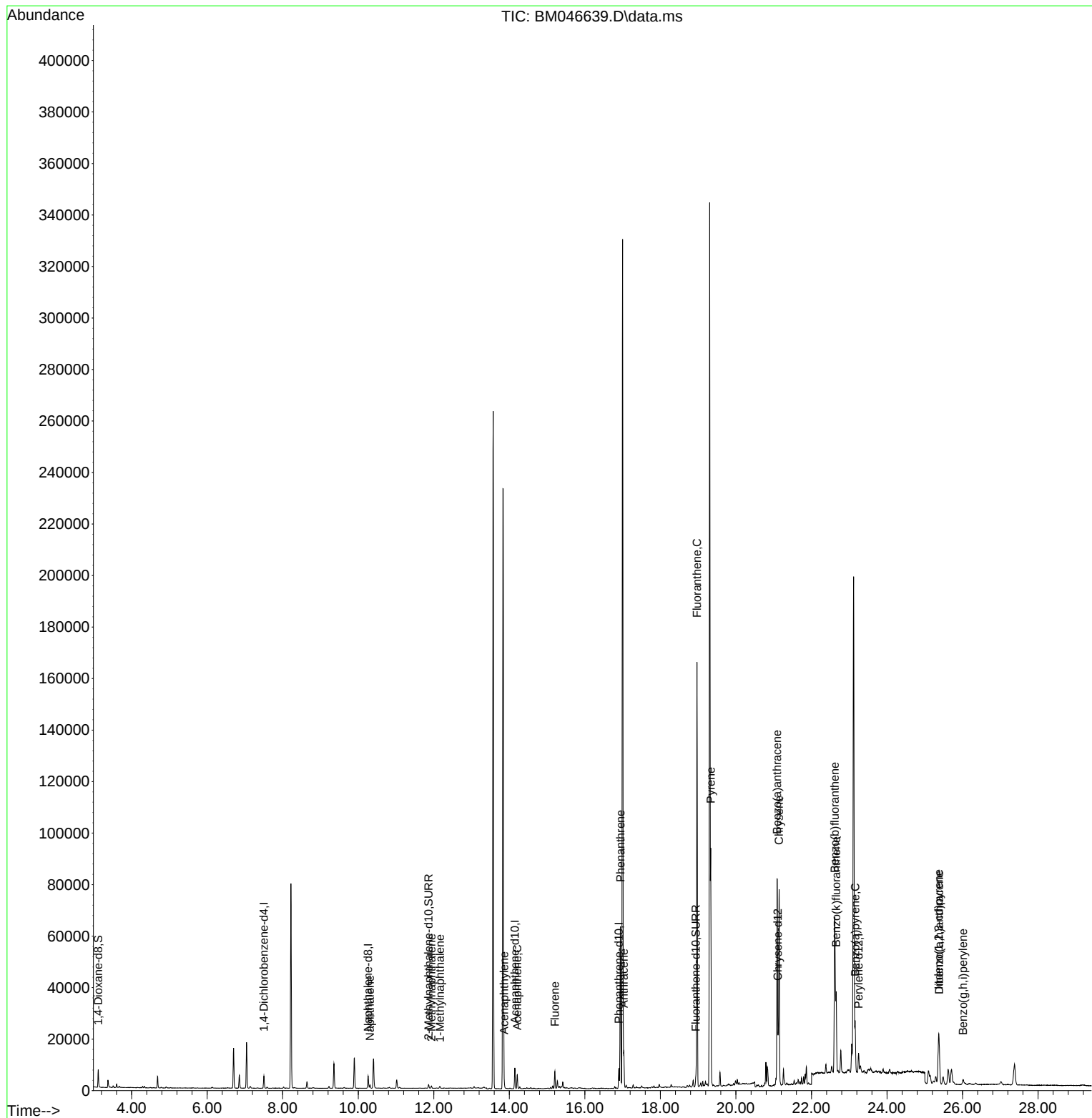
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046639.D
Acq On : 16 Jul 2024 18:50
Operator : MA/JU
Sample : P3177-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

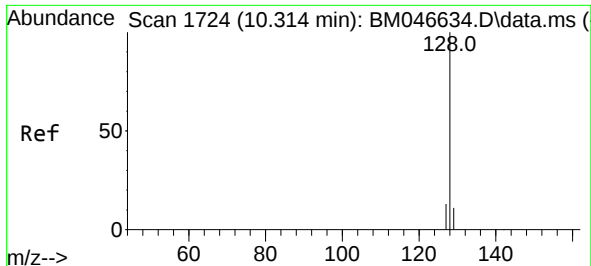
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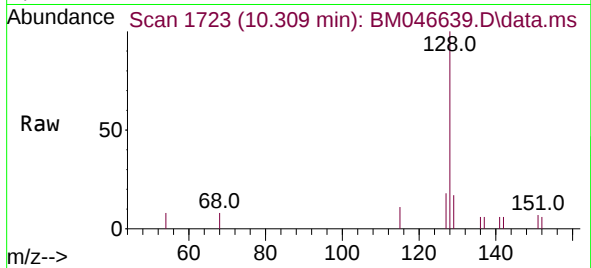
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.309 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

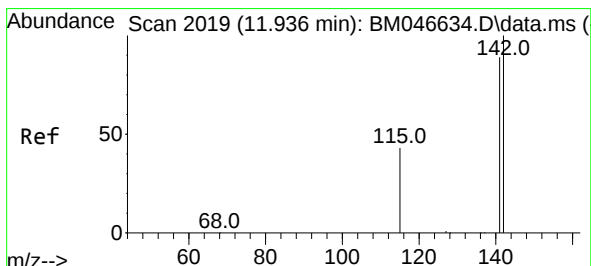
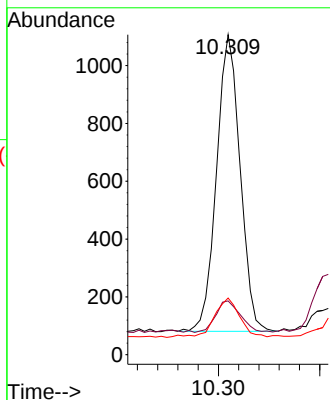
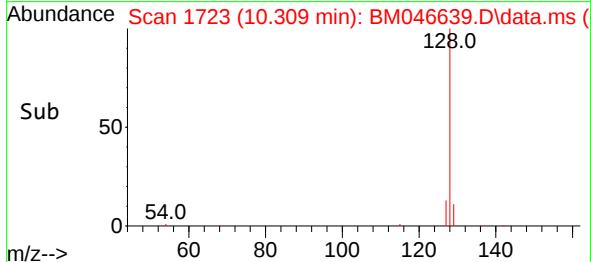
Instrument :
BNA_M
ClientSampleId :
A4BS5



Tgt Ion:128 Resp: 1658
Ion Ratio Lower Upper
128 100
129 16.8 10.3 15.5
127 17.7 12.2 18.4

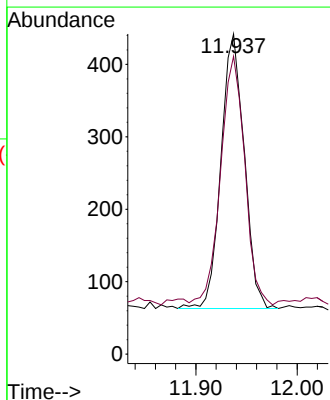
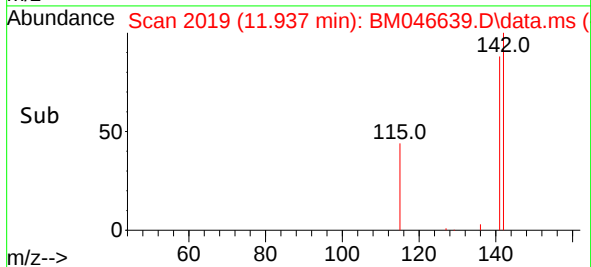
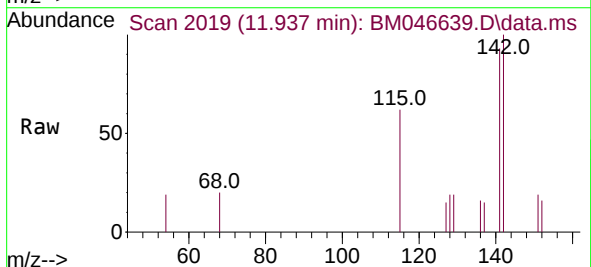
Manual Integrations
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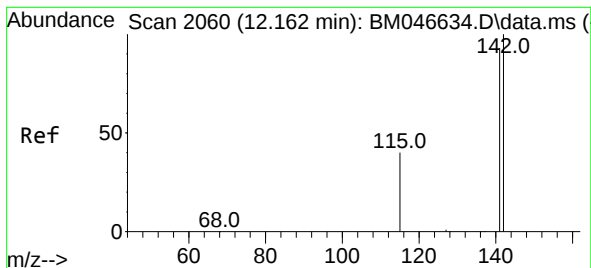
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:142 Resp: 604
Ion Ratio Lower Upper
142 100
141 93.9 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 12.163 min Scan# 2060

Delta R.T. -0.001 min

Lab File: BM046639.D

Acq: 16 Jul 2024 18:50

Instrument :

BNA_M

ClientSampleId :

A4BS5

Tgt Ion:142 Resp: 521

Ion Ratio Lower Upper

142 100

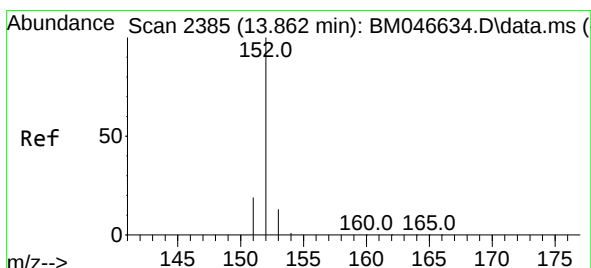
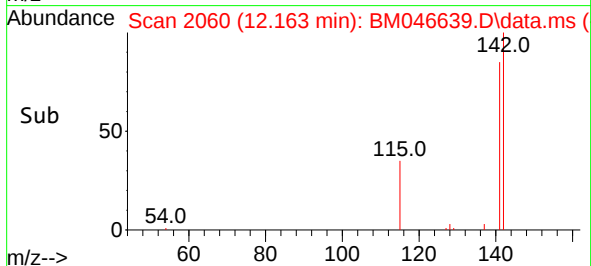
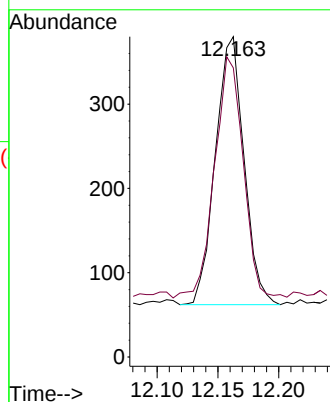
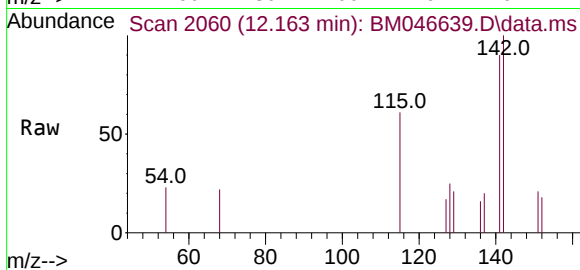
141 89.8 73.9 110.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#10

Acenaphthylene

Concen: 0.130 ng/ul

RT: 13.864 min Scan# 2385

Delta R.T. -0.001 min

Lab File: BM046639.D

Acq: 16 Jul 2024 18:50

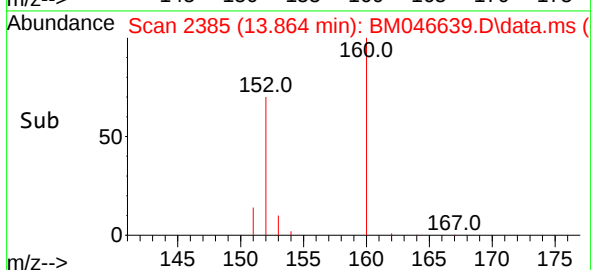
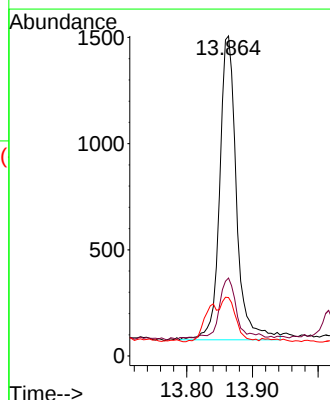
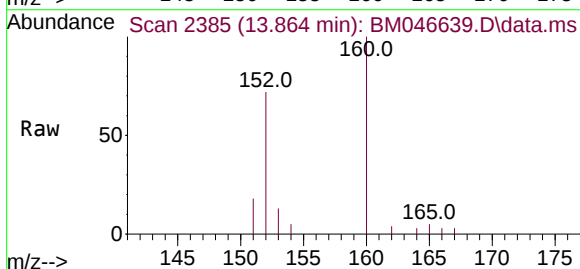
Tgt Ion:152 Resp: 2547

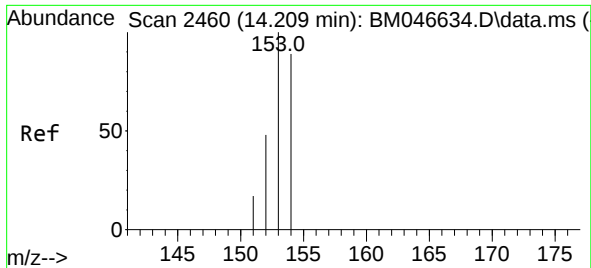
Ion Ratio Lower Upper

152 100

151 24.4 16.4 24.6

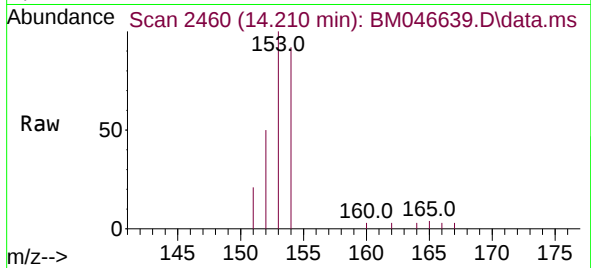
153 18.2 12.4 18.6





#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.210 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

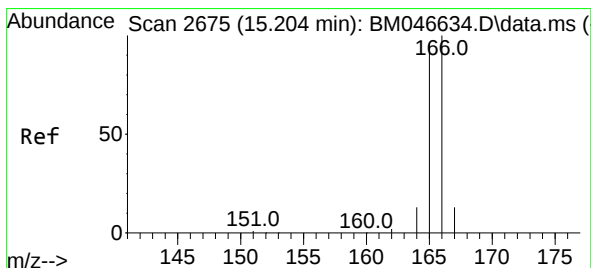
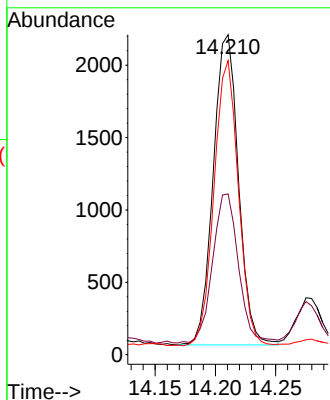
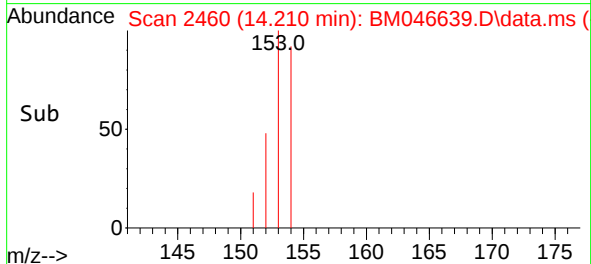
Instrument :
BNA_M
ClientSampleId :
A4BS5



Tgt Ion:153 Resp: 3124
Ion Ratio Lower Upper
153 100
152 50.2 43.0 64.6
154 91.9 69.9 104.9

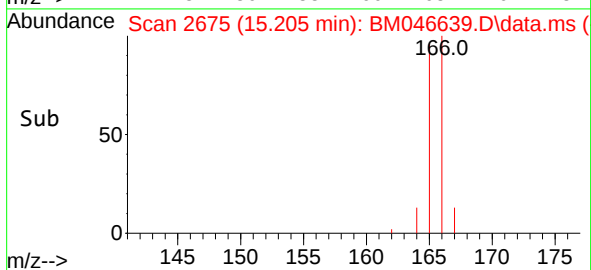
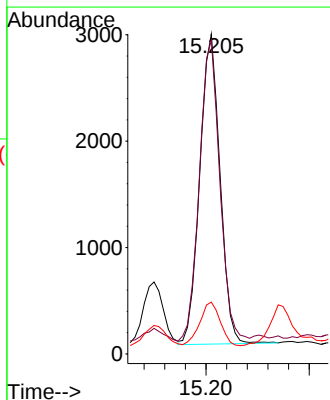
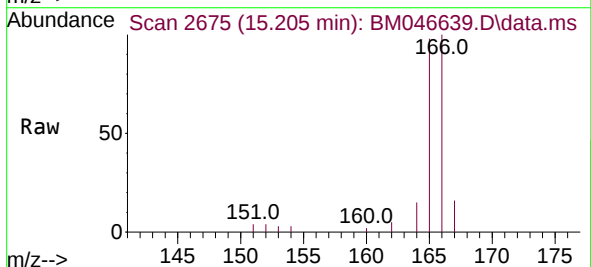
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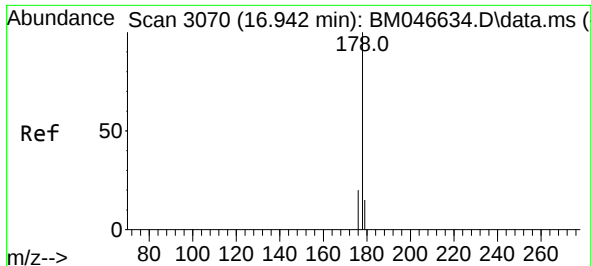
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

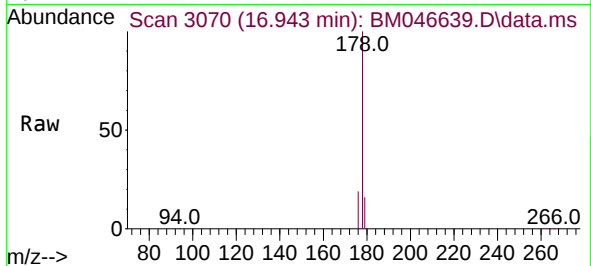
Tgt Ion:166 Resp: 3967
Ion Ratio Lower Upper
166 100
165 98.0 76.1 114.1
167 16.2 12.5 18.7





#15
Phenanthrene
Concen: 2.332 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

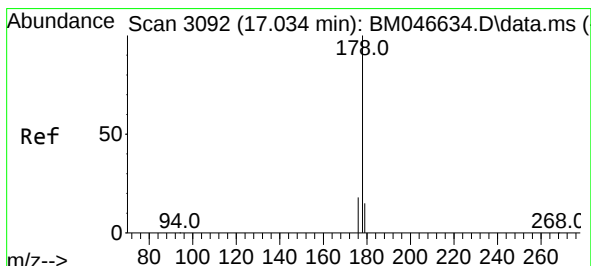
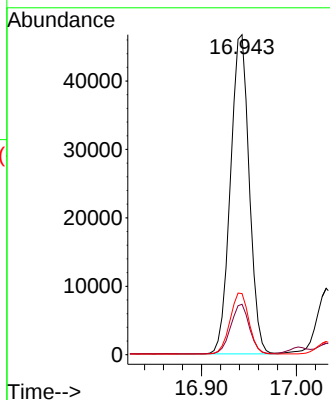
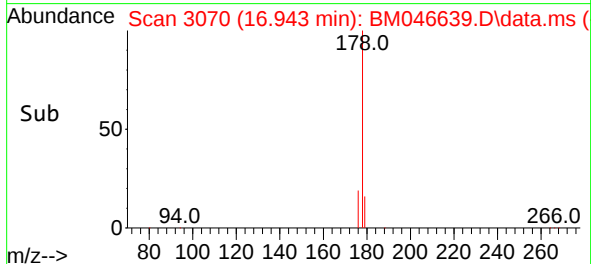
Instrument :
BNA_M
ClientSampleId :
A4BS5



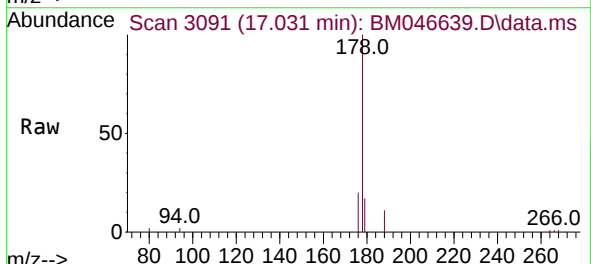
Tgt Ion:178 Resp: 64100
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.1 16.0 24.0

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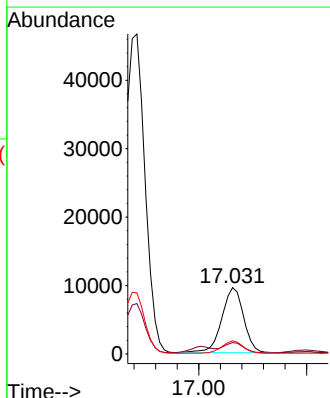
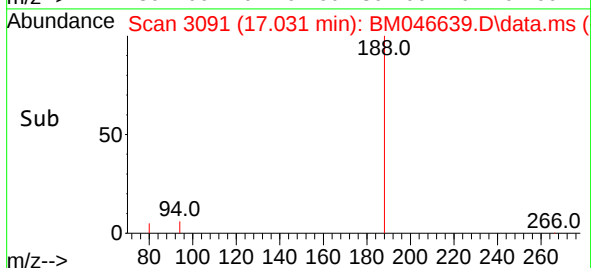
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

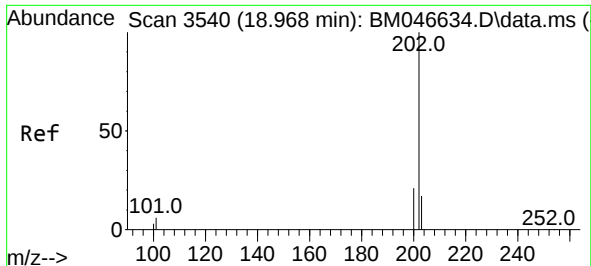


#16
Anthracene
Concen: 0.494 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50



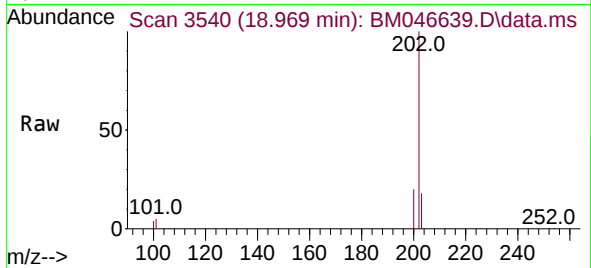
Tgt Ion:178 Resp: 13264
Ion Ratio Lower Upper
178 100
179 17.1 13.5 20.3
176 19.7 15.7 23.5





#19
Fluoranthene
Concen: 4.123 ng/ul
RT: 18.969 min Scan# 3540
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

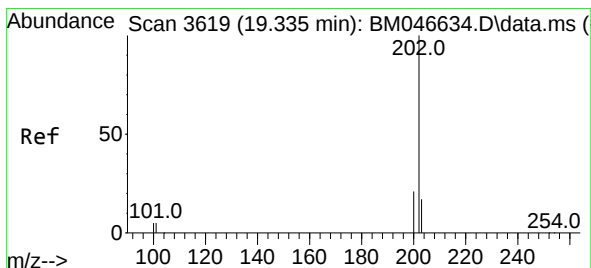
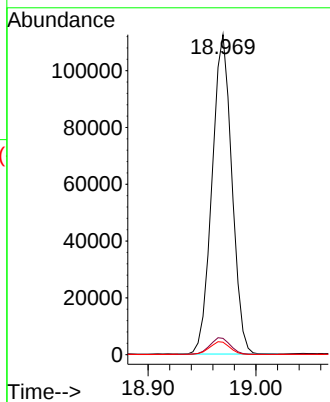
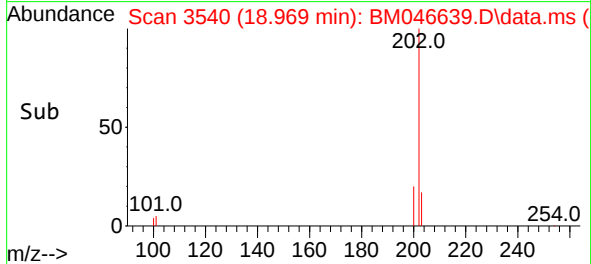
Instrument :
BNA_M
ClientSampleId :
A4BS5



Tgt Ion:202 Resp: 14374
Ion Ratio Lower Upper
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101 5.1 4.6 6.8
100 3.9 3.0 4.6

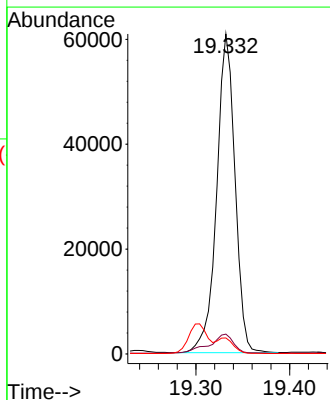
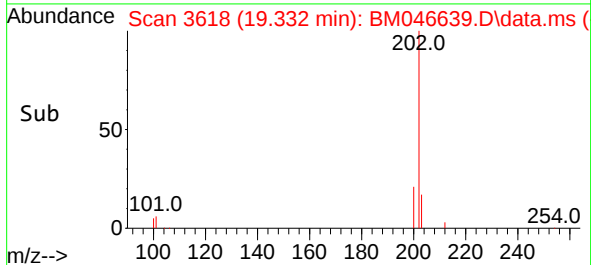
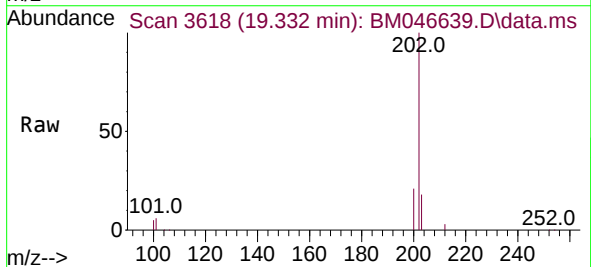
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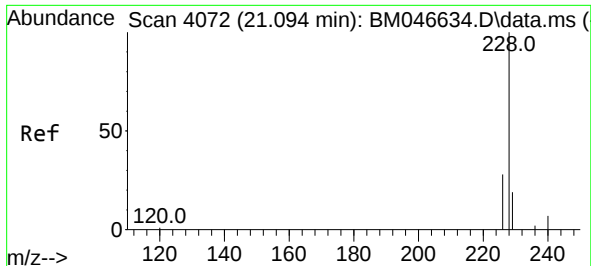
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 2.189 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

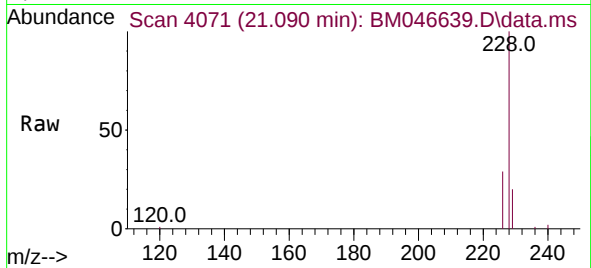
Tgt Ion:202 Resp: 82635
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 5.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.772 ng/ul
RT: 21.090 min Scan# 4072
Delta R.T. 0.002 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

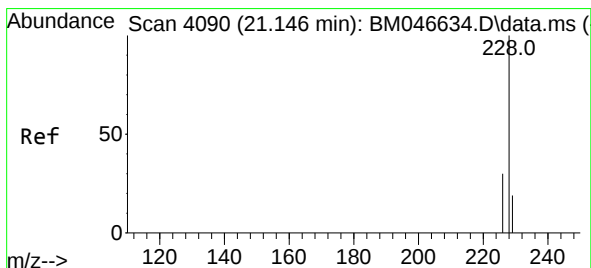
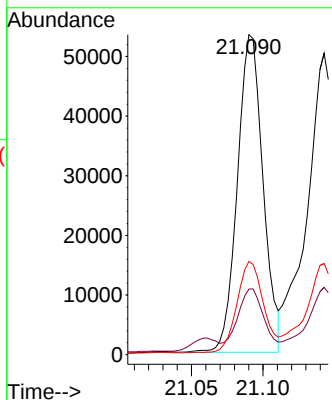
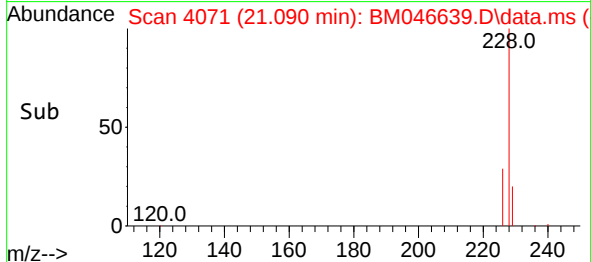
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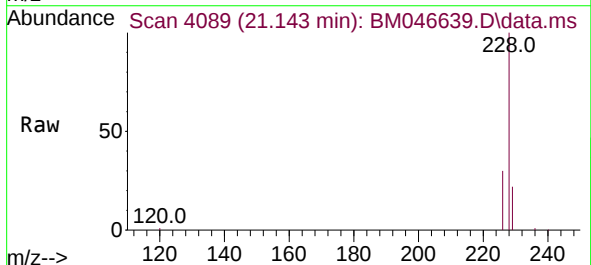
Tgt Ion:228 Resp: 66530
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 29.1 22.5 33.7

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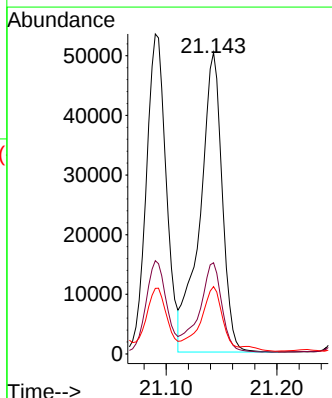
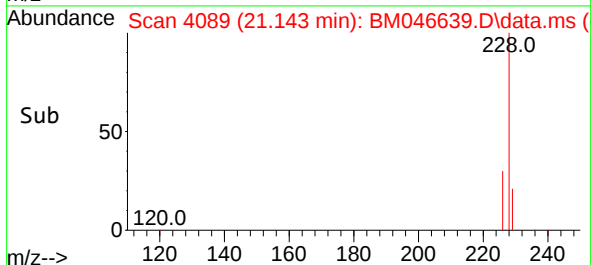
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

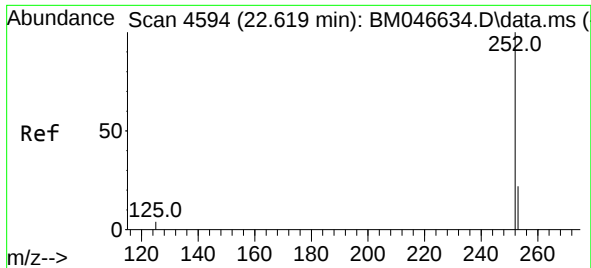


#22
Chrysene
Concen: 1.928 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.002 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50



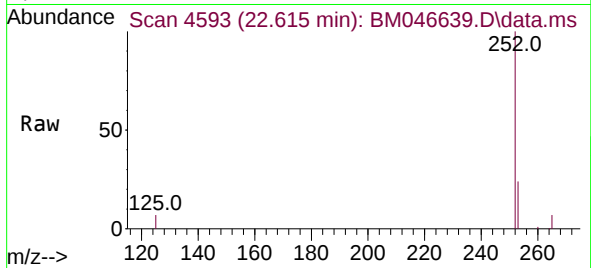
Tgt Ion:228 Resp: 70024
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.638 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. 0.005 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

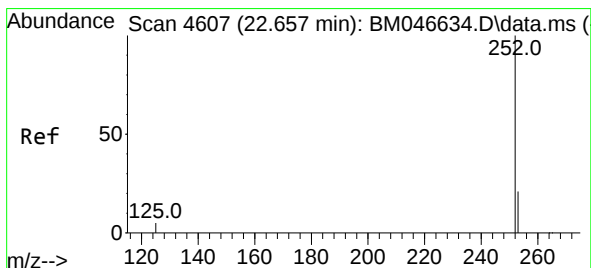
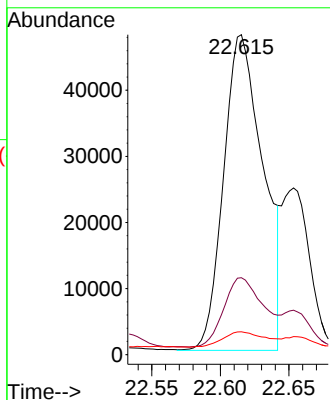
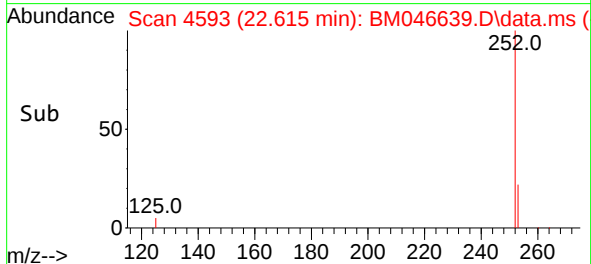
Instrument :
BNA_M
ClientSampleId :
A4BS5



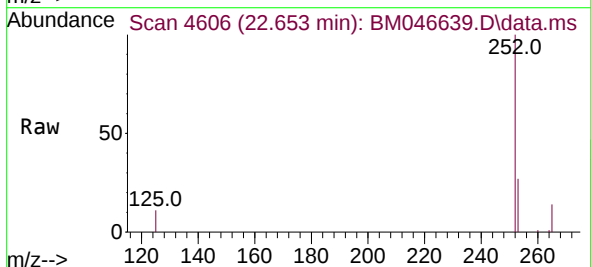
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Ion Ratio Lower Upper
252 100
253 24.0 0.0 56.2
125 7.2 0.0 17.8

Manual Integrations
APPROVED

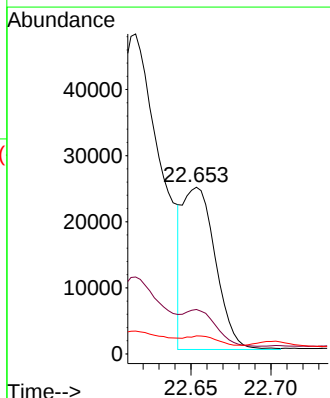
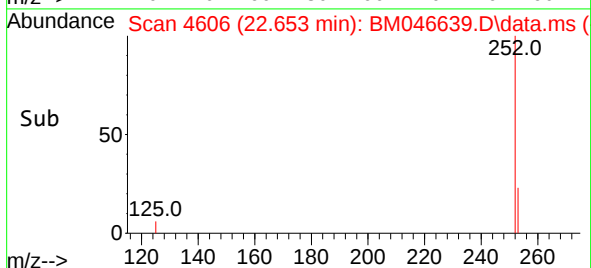
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

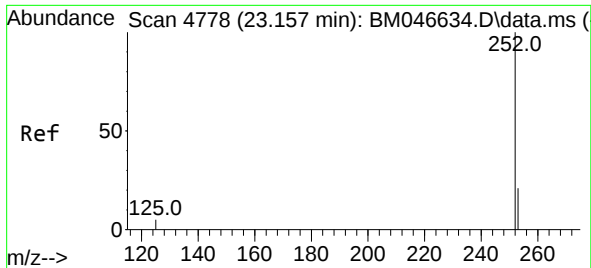


#25
Benzo(k)fluoranthene
Concen: 0.980 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. 0.002 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50



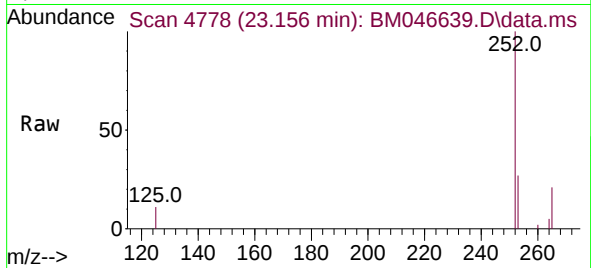
Tgt Ion:252 Resp: 34973
Ion Ratio Lower Upper
252 100
253 26.7 22.4 33.6
125 10.8 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.883 ng/ul
RT: 23.156 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

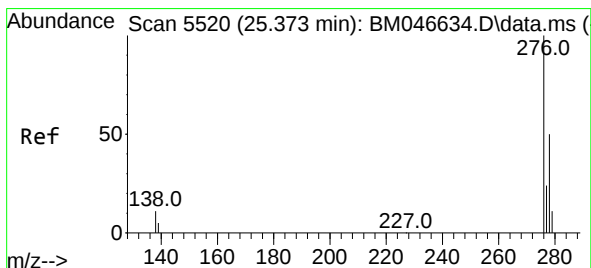
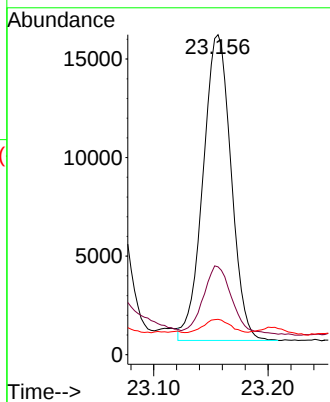
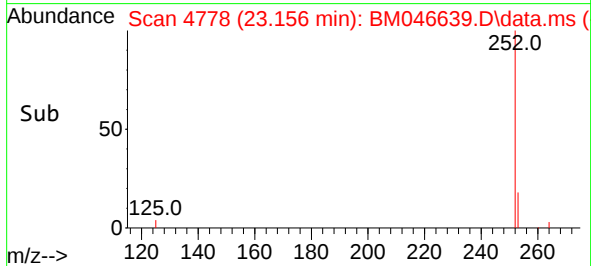
Instrument :
BNA_M
ClientSampleId :
A4BS5



Tgt Ion:252 Resp: 2640
Ion Ratio Lower Upper
252 100
253 27.4 24.0 36.0
125 11.0 8.2 12.2

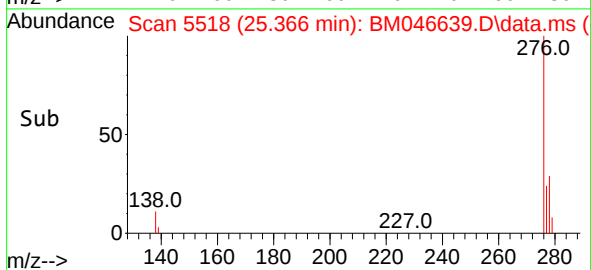
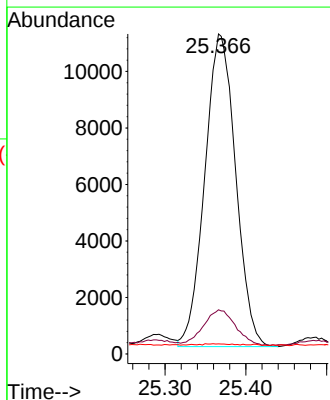
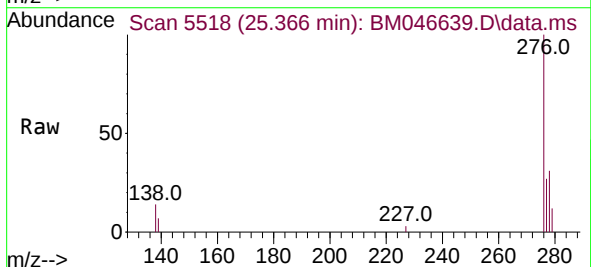
Manual Integrations
APPROVED

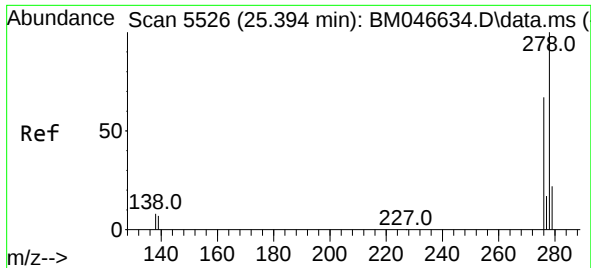
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.644 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

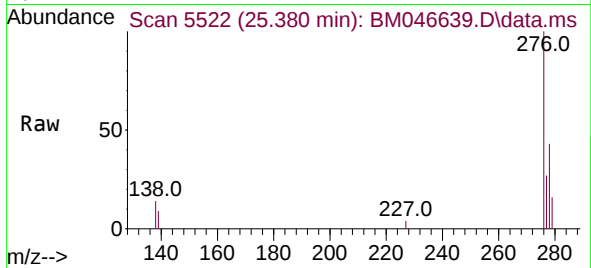
Tgt Ion:276 Resp: 29332
Ion Ratio Lower Upper
276 100
138 11.8 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.329 ng/ul
RT: 25.380 min Scan# 5111
Delta R.T. -0.004 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

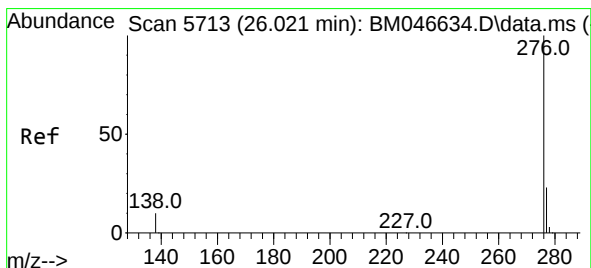
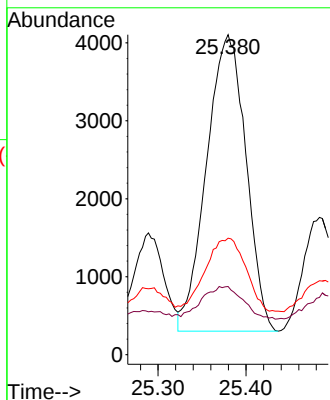
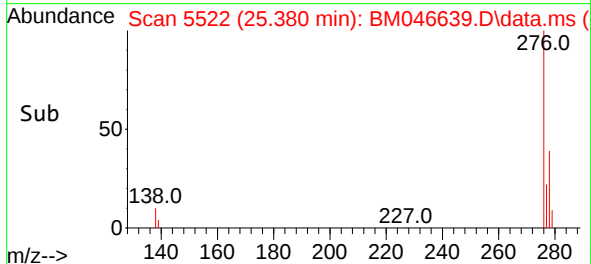
Instrument :
BNA_M
ClientSampleId :
A4BS5



Tgt Ion:278 Resp: 1184
Ion Ratio Lower Upper
278 100
139 21.3 9.1 13.7#
279 36.4 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: 0.113 ng/ul
RT: 26.013 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046639.D
Acq: 16 Jul 2024 18:50

Tgt Ion:276 Resp: 4103
Ion Ratio Lower Upper
276 100
138 30.1 10.2 15.4#
277 39.9 20.9 31.3#

