

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046636.D
 Acq On : 16 Jul 2024 16:58
 Operator : MA/JU
 Sample : P3177-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS0

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 17:31:41 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	7.502	152	2268	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	6263	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.145	164	4193	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	9423	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	8287	0.400	ng/ul #	0.00
23) Perylene-d12	23.253	264	8882	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	4312	2.314	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	1884	0.187	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	5000	0.198	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.308	128	1357	0.085	ng/ul#	89
7) 2-Methylnaphthalene	11.936	142	492	0.044	ng/ul	96
8) 1-Methylnaphthalene	12.162	142	399	0.035	ng/ul	99
10) Acenaphthylene	13.862	152	3049	0.160	ng/ul	95
11) Acenaphthene	14.209	153	1982	0.155	ng/ul	98
12) Fluorene	15.204	166	2421	0.153	ng/ul	95
15) Phenanthrene	16.942	178	51409	1.912	ng/ul	98
16) Anthracene	17.030	178	9349	0.356	ng/ul	98
19) Fluoranthene	18.968	202	124940	3.671	ng/ul	99
20) Pyrene	19.336	202	66668	1.809	ng/ul	99
21) Benzo(a)anthracene	21.094	228	54513	1.487	ng/ul	99
22) Chrysene	21.146	228	61530	1.735	ng/ul	98
24) Benzo(b)fluoranthene	22.616	252	86906m	2.450	ng/ul	
25) Benzo(k)fluoranthene	22.657	252	31795m	0.913	ng/ul	
26) Benzo(a)pyrene	23.160	252	20763	0.711	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.370	276	25141	0.566	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.390	278	10523	0.299	ng/ul#	80
29) Benzo(g,h,i)perylene	26.017	276	3632	0.102	ng/ul#	62

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

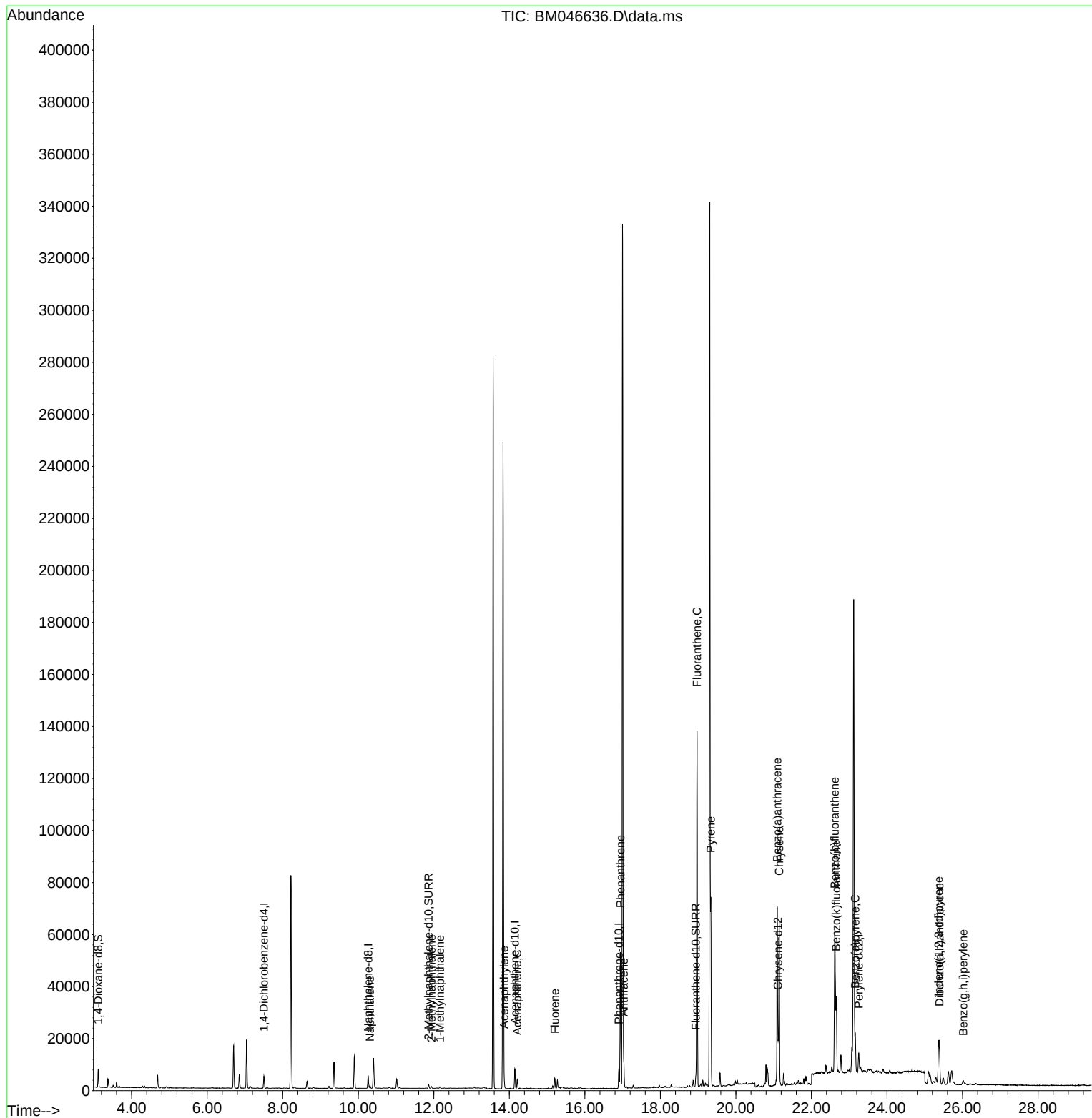
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046636.D
Acq On : 16 Jul 2024 16:58
Operator : MA/JU
Sample : P3177-02
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ALS Vial : 48 Sample Multiplier: 1

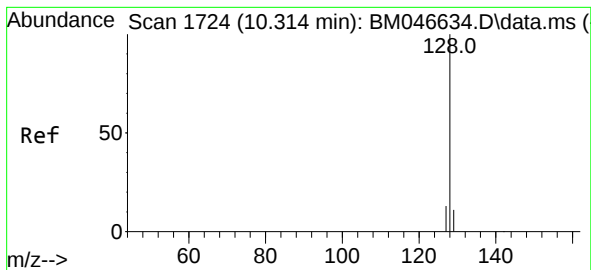
Instrument :
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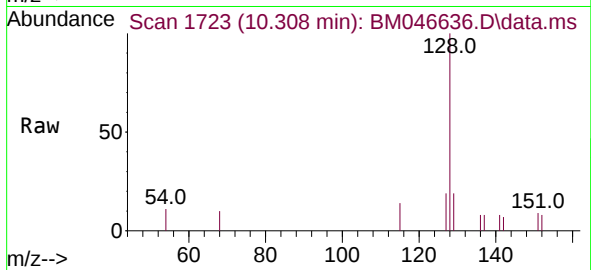
Quant Time: Jul 16 17:31:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

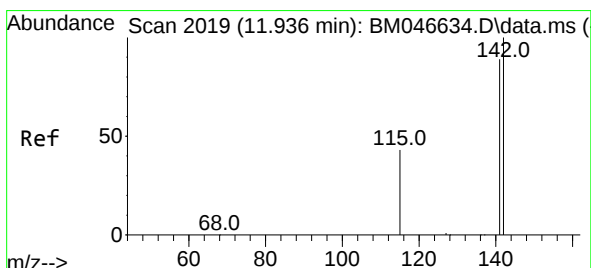
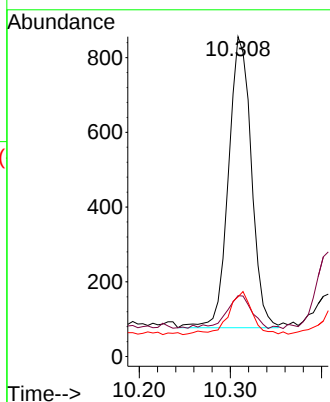
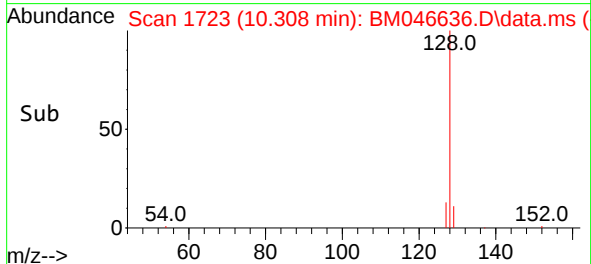
Instrument :
BNA_M
ClientSampleId :
A4BS0



Tgt Ion:128 Resp: 135
Ion Ratio Lower Upper
128 100
129 19.0 10.3 15.5
127 18.7 12.2 18.4

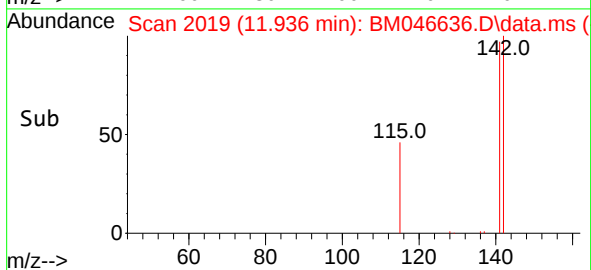
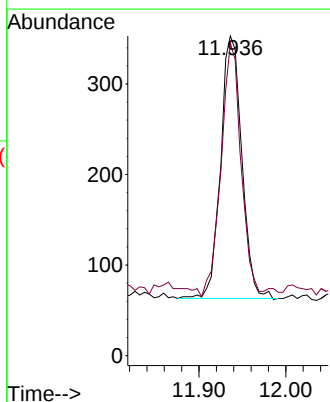
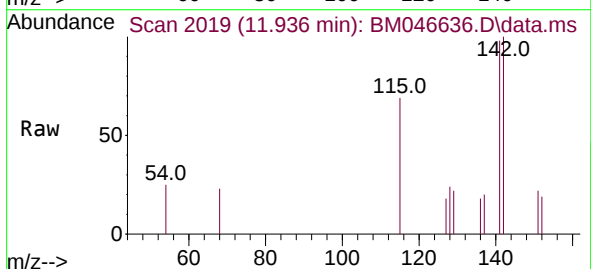
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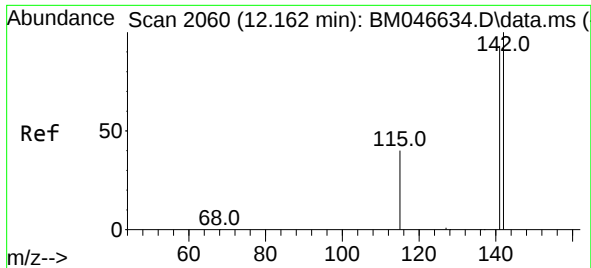
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.936 min Scan# 2019
Delta R.T. -0.007 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

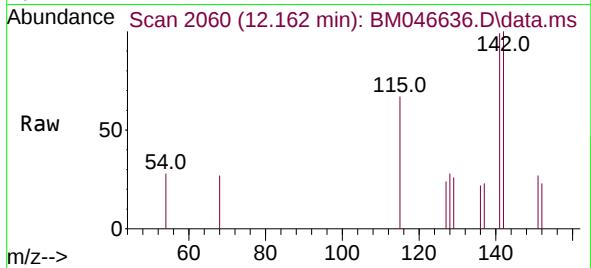
Tgt Ion:142 Resp: 492
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.162 min Scan# 2060
Delta R.T. -0.002 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

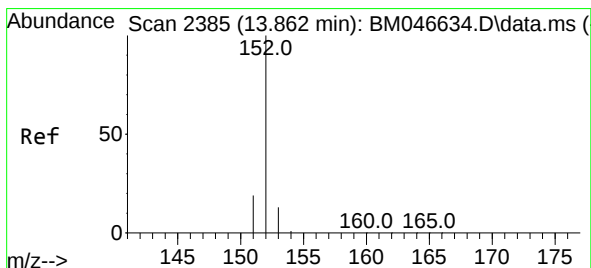
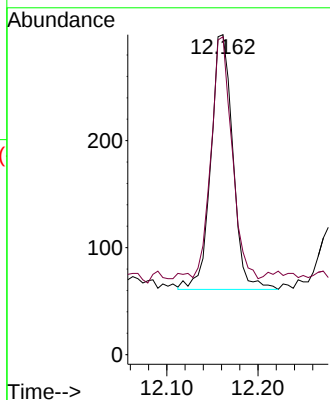
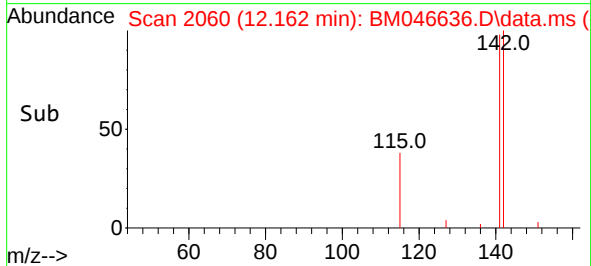
Instrument :
BNA_M
ClientSampleId :
A4BS0



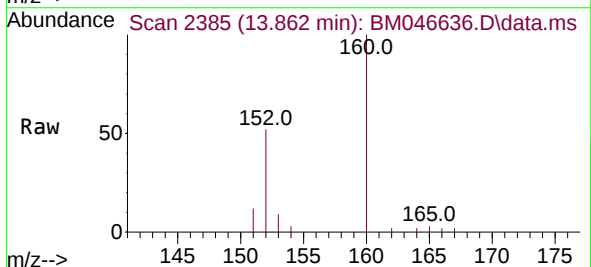
Tgt Ion:142 Resp: 399
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

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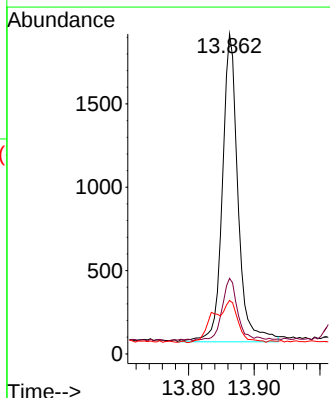
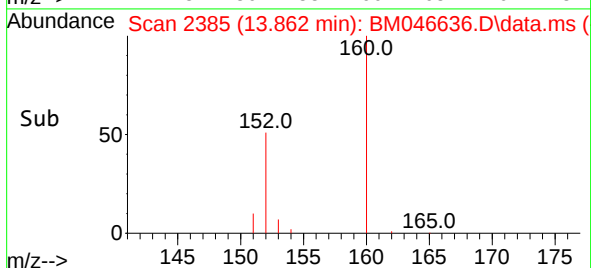
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

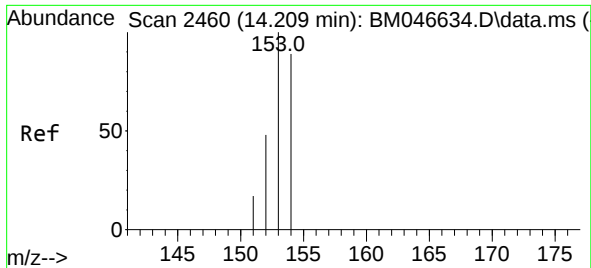


#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 13.862 min Scan# 2385
Delta R.T. -0.002 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58



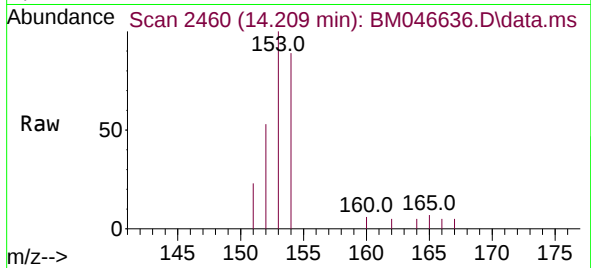
Tgt Ion:152 Resp: 3049
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 16.7 12.4 18.6





#11
Acenaphthene
Concen: 0.155 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

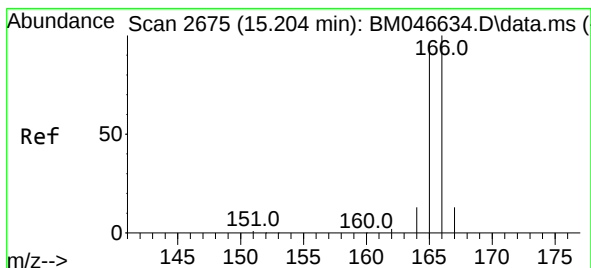
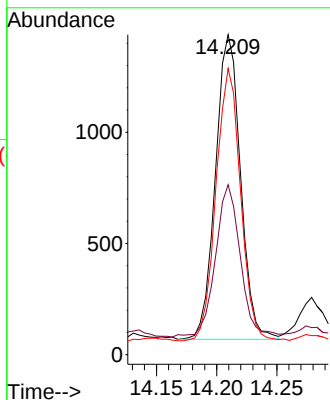
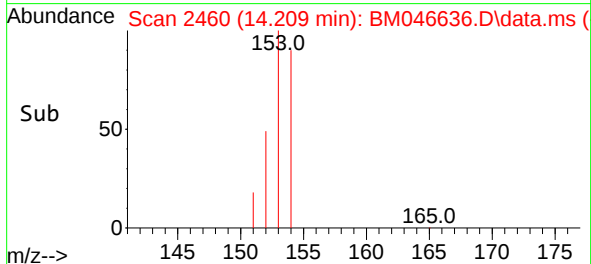
Instrument :
BNA_M
ClientSampleId :
A4BS0



Tgt Ion:153 Resp: 1982
Ion Ratio Lower Upper
153 100
152 53.1 43.0 64.6
154 89.4 69.9 104.9

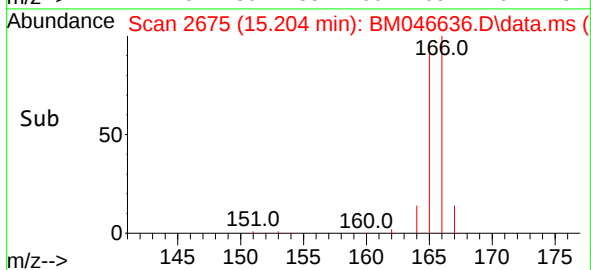
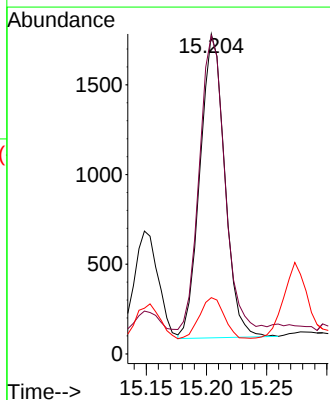
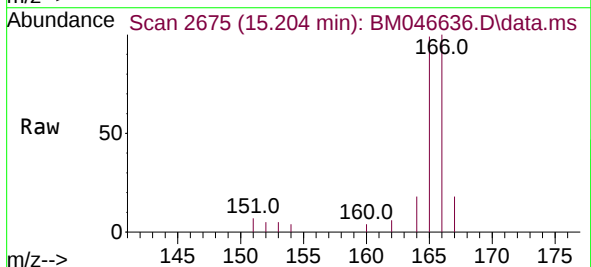
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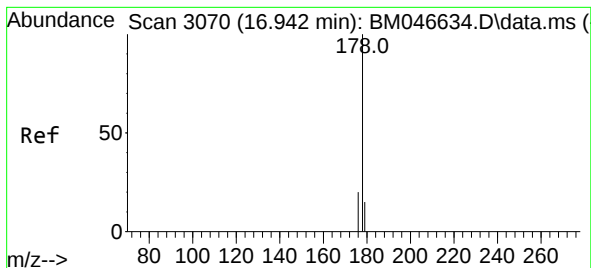
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.153 ng/ul
RT: 15.204 min Scan# 2675
Delta R.T. -0.002 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

Tgt Ion:166 Resp: 2421
Ion Ratio Lower Upper
166 100
165 99.5 76.1 114.1
167 17.6 12.5 18.7





#15

Phenanthrene

Concen: 1.912 ng/ul

RT: 16.942 min Scan# 3070

Delta R.T. -0.002 min

Lab File: BM046636.D

Acq: 16 Jul 2024 16:58

Instrument :

BNA_M

ClientSampleId :

A4BS0

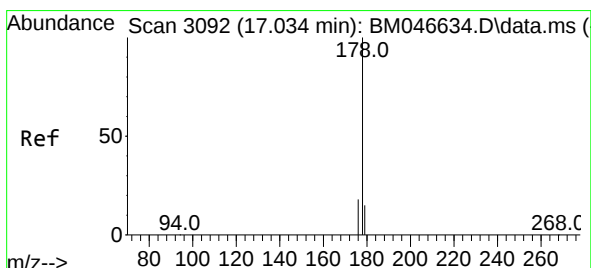
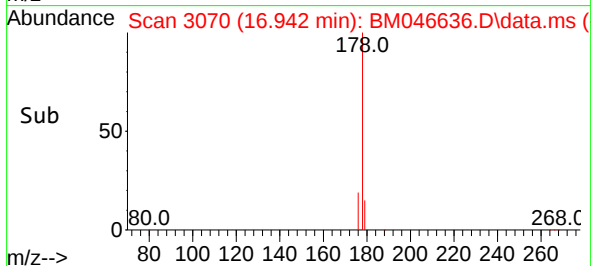
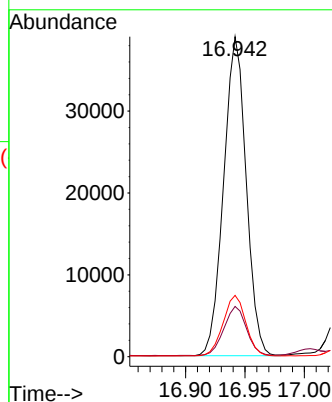
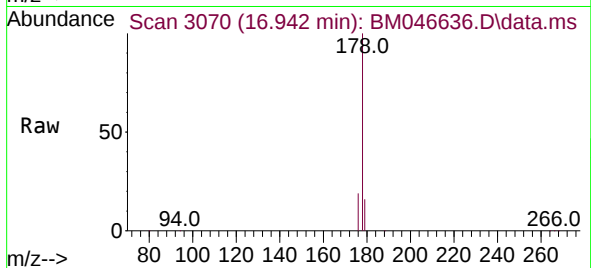
Tgt Ion:178	Resp:	51409
Ion Ratio	Lower	Upper
178	100	
179	15.7	13.1 19.7
176	19.1	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#16

Anthracene

Concen: 0.356 ng/ul

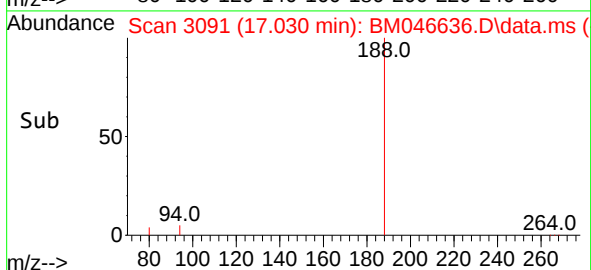
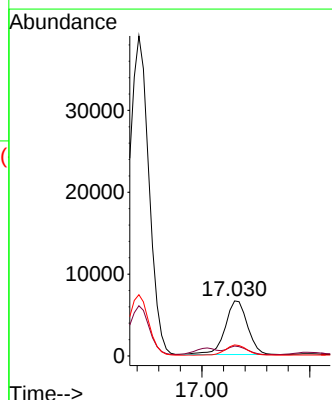
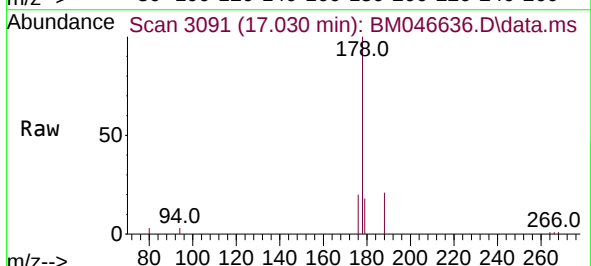
RT: 17.030 min Scan# 3091

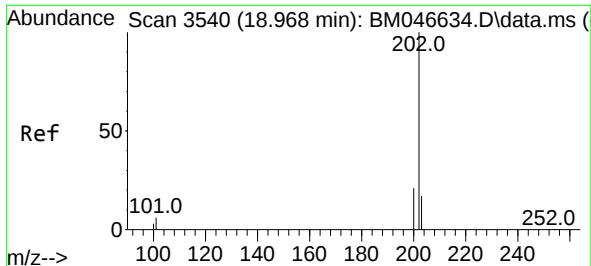
Delta R.T. -0.002 min

Lab File: BM046636.D

Acq: 16 Jul 2024 16:58

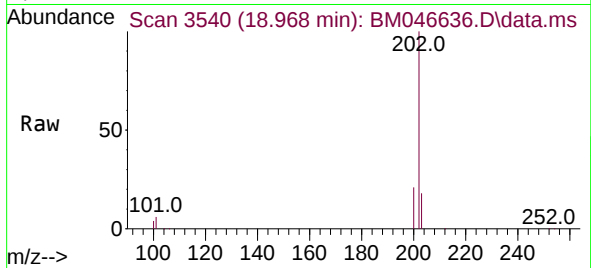
Tgt Ion:178	Resp:	9349
Ion Ratio	Lower	Upper
178	100	
179	18.0	13.5 20.3
176	20.2	15.7 23.5





#19
Fluoranthene
Concen: 3.671 ng/uI
RT: 18.968 min Scan# 3540
Delta R.T. -0.002 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

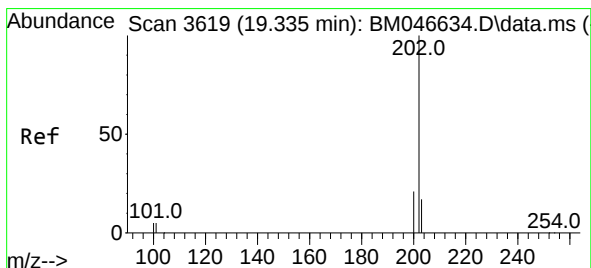
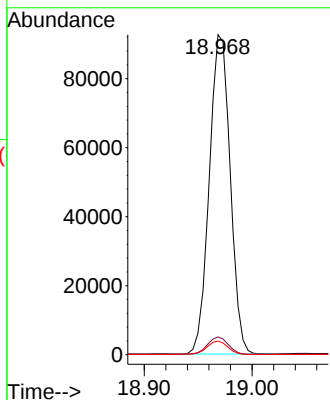
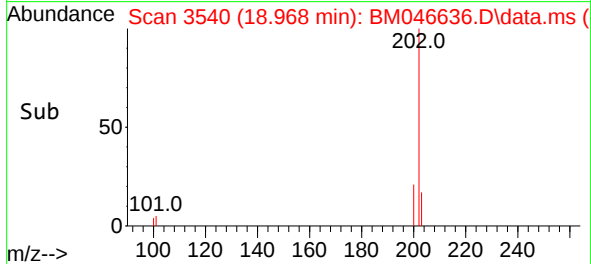
Instrument :
BNA_M
ClientSampleId :
A4BS0



Tgt Ion:202 Resp: 124940
Ion Ratio Lower Upper
202 100
101 5.6 4.6 6.8
100 4.3 3.0 4.6

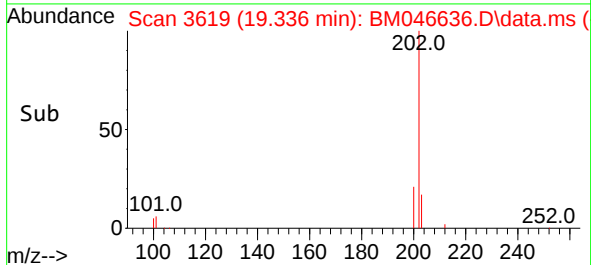
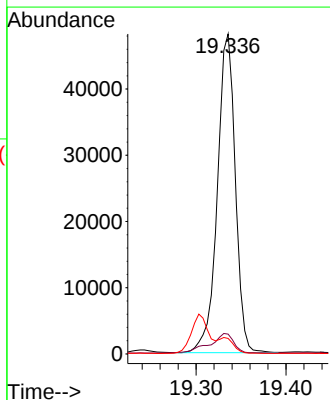
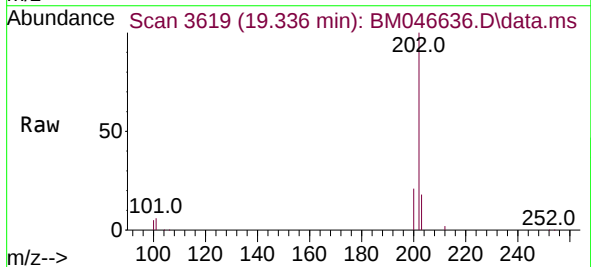
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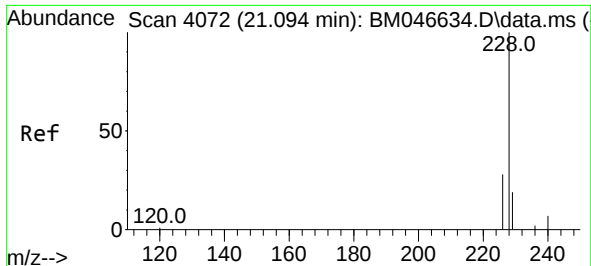
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 1.809 ng/uI
RT: 19.336 min Scan# 3619
Delta R.T. 0.003 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

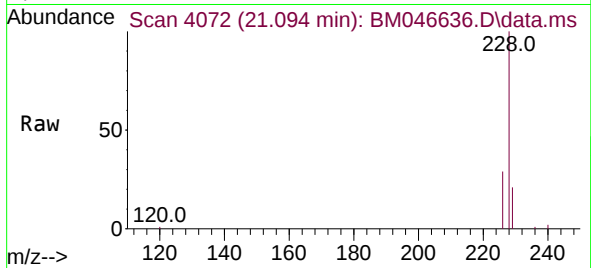
Tgt Ion:202 Resp: 66668
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.487 ng/ul
RT: 21.094 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

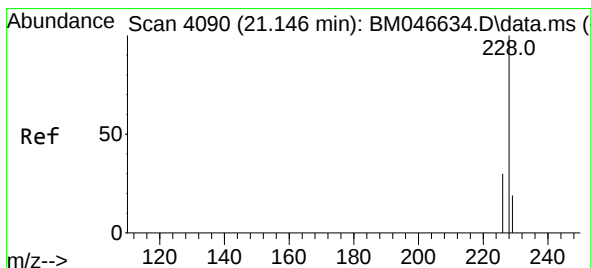
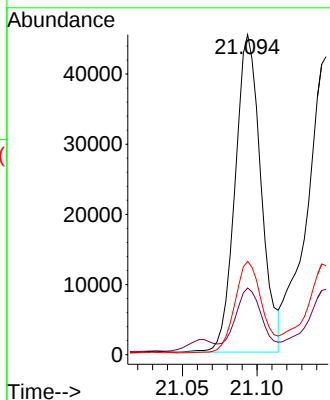
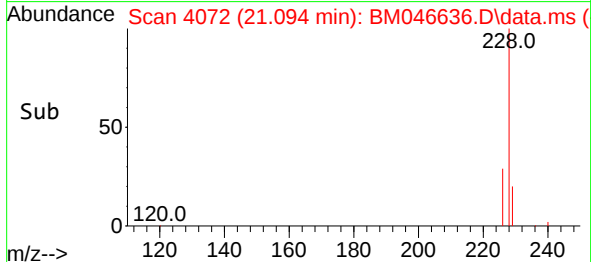
Instrument :
BNA_M
ClientSampleId :
A4BS0



Tgt Ion:228 Resp: 5451
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 29.2 22.5 33.7

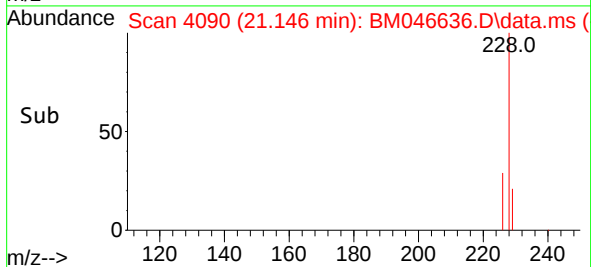
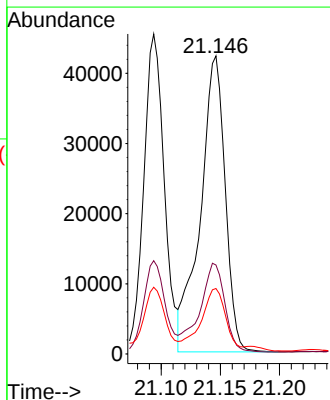
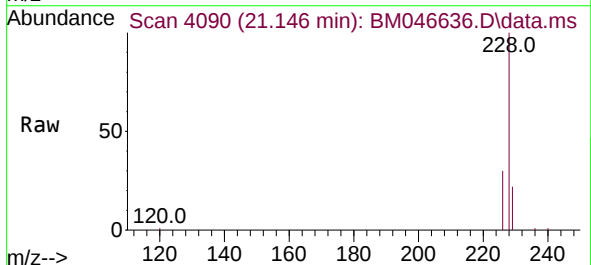
Manual Integrations
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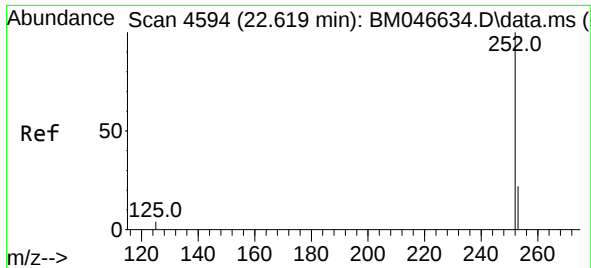
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 1.735 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

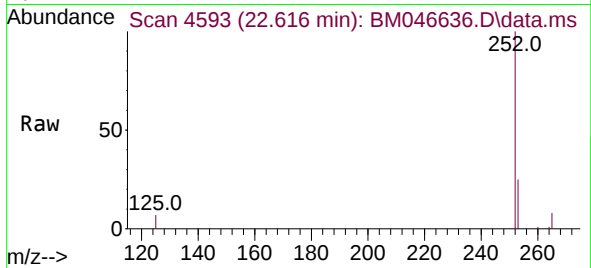
Tgt Ion:228 Resp: 61530
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.450 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. 0.006 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

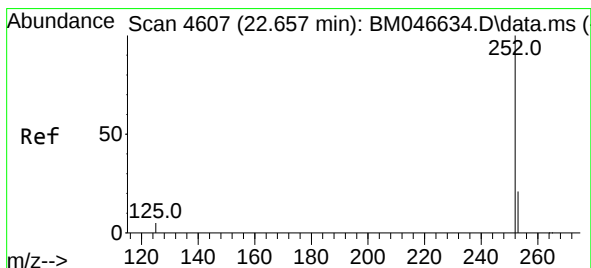
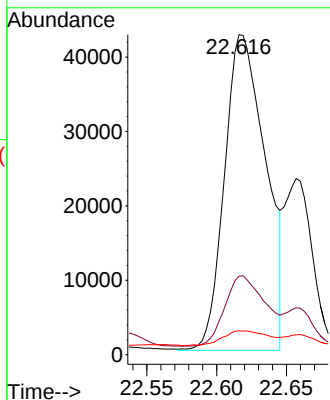
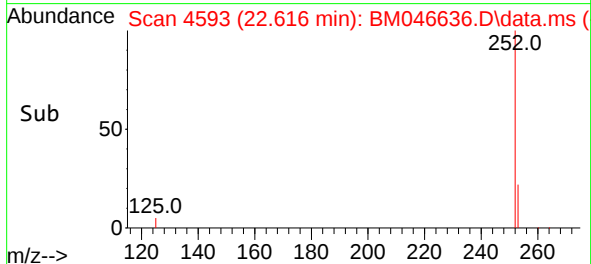
Instrument :
BNA_M
ClientSampleId :
A4BS0



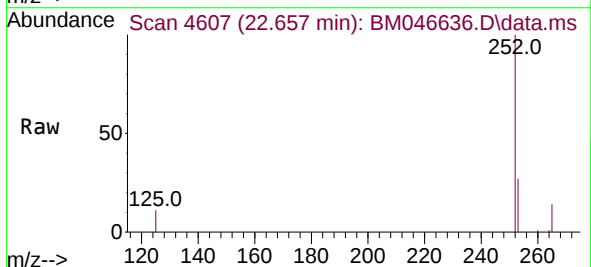
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Ion Ratio Lower Upper
252 100
253 24.6 0.0 56.2
125 7.4 0.0 17.8

Manual Integrations
APPROVED

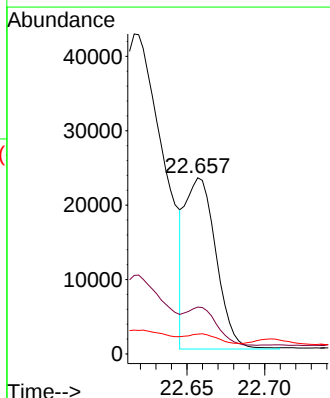
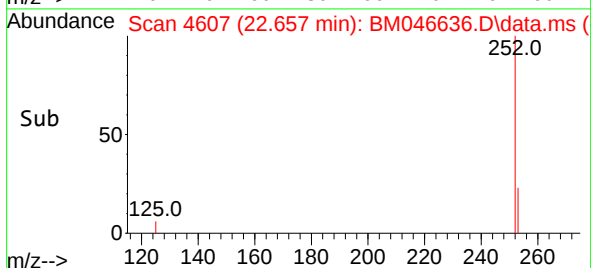
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

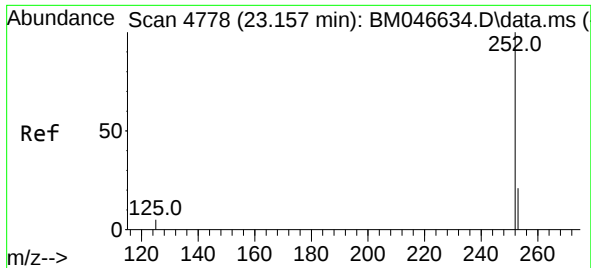


#25
Benzo(k)fluoranthene
Concen: 0.913 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. 0.006 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58



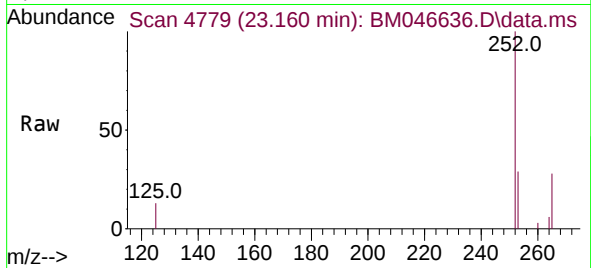
Tgt Ion:252 Resp: 31795
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 11.2 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.711 ng/ul
RT: 23.160 min Scan# 4778
Delta R.T. 0.009 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

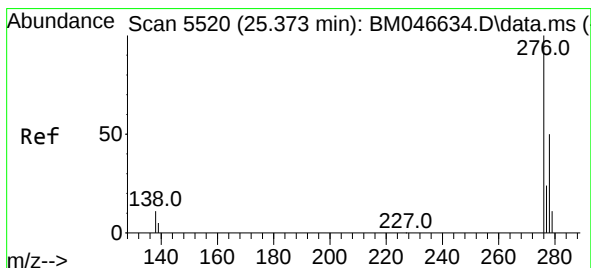
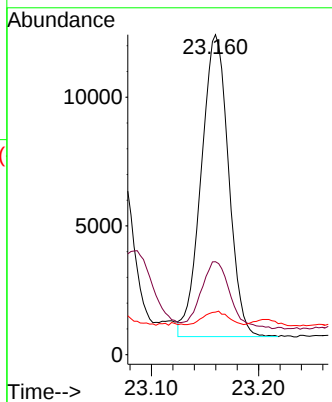
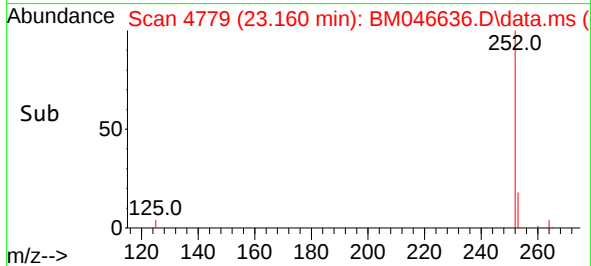
Instrument :
BNA_M
ClientSampleId :
A4BS0



Tgt Ion:252 Resp: 2076
Ion Ratio Lower Upper
252 100
253 29.0 24.0 36.0
125 13.3 8.2 12.2

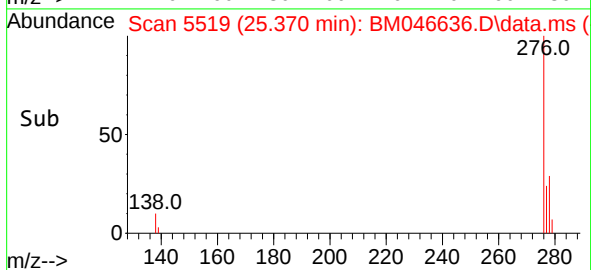
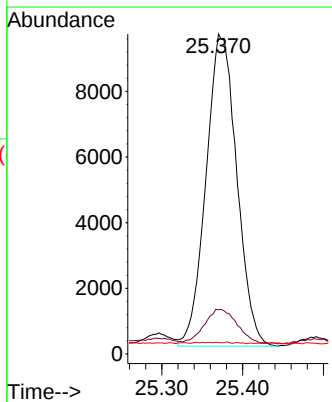
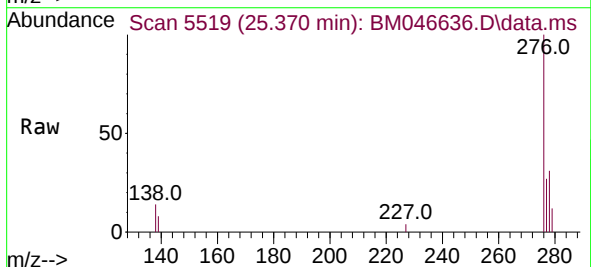
Manual Integrations
APPROVED

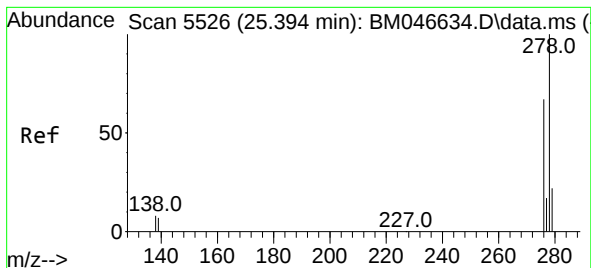
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.566 ng/ul
RT: 25.370 min Scan# 5519
Delta R.T. 0.010 min
Lab File: BM046636.D
Acq: 16 Jul 2024 16:58

Tgt Ion:276 Resp: 25141
Ion Ratio Lower Upper
276 100
138 11.6 0.0 0.0#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.299 ng/ul

RT: 25.390 min Scan# 5

Delta R.T. 0.007 min

Lab File: BM046636.D

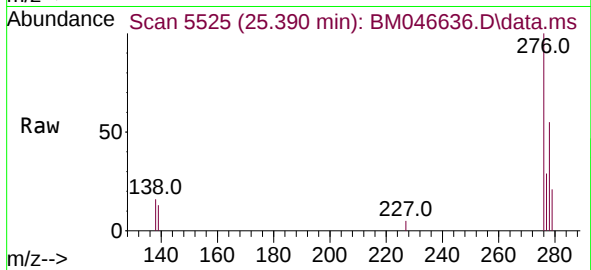
Acq: 16 Jul 2024 16:58

Instrument :

BNA_M

ClientSampleId :

A4BS0



Tgt Ion:278 Resp: 1052

Ion Ratio Lower Upper

278 100

139 22.9 9.1 13.7

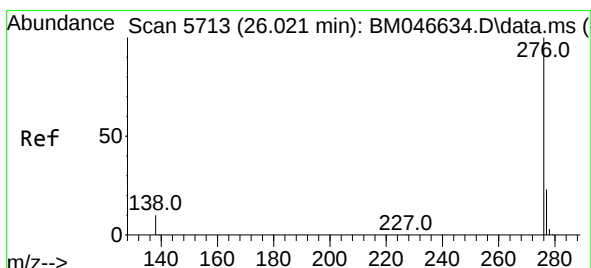
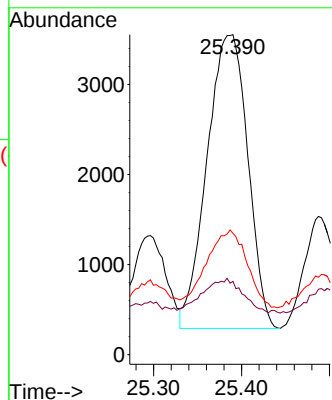
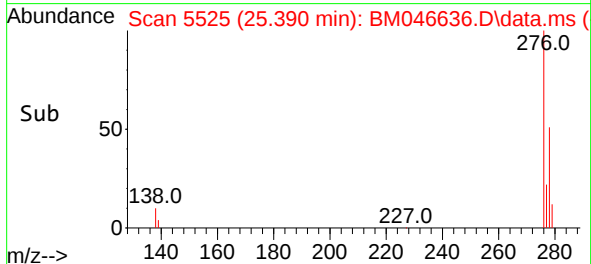
279 37.9 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#29

Benzo(g,h,i)perylene

Concen: 0.102 ng/ul

RT: 26.017 min Scan# 5712

Delta R.T. 0.014 min

Lab File: BM046636.D

Acq: 16 Jul 2024 16:58

Tgt Ion:276 Resp: 3632

Ion Ratio Lower Upper

276 100

138 31.6 10.2 15.4#

277 43.4 20.9 31.3#

