

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046440.D
 Acq On : 08 Jul 2024 17:37
 Operator : MA/JU
 Sample : P3010-08DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW3DL

Manual Integrations
 APPROVED

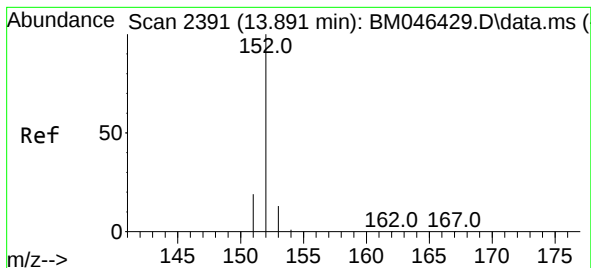
Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 18:08:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

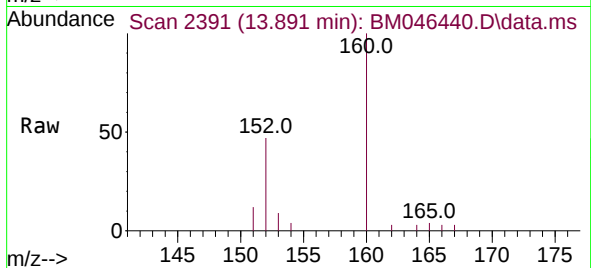
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	8251	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	23675	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.178	164	14580	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	27302	0.400	ng/ul	-0.01
17) Chrysene-d12	21.131	240	15757	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	15173	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3461	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	1549	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	2703	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.891	152	2250	0.030	ng/ul#	88
15) Phenanthrene	16.968	178	13168	0.161	ng/ul	99
16) Anthracene	17.061	178	2798	0.035	ng/ul#	88
19) Fluoranthene	18.993	202	30056	0.377	ng/ul	98
20) Pyrene	19.355	202	25963	0.317	ng/ul	95
21) Benzo(a)anthracene	21.117	228	10863m	0.154	ng/ul	
22) Chrysene	21.166	228	13305	0.190	ng/ul	95
24) Benzo(b)fluoranthene	22.651	252	17768m	0.275	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	6034m	0.093	ng/ul	
26) Benzo(a)pyrene	23.194	252	10107	0.198	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.427	276	8491	0.123	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.437	278	2048	0.038	ng/ul#	3
29) Benzo(g,h,i)perylene	26.071	276	8434	0.154	ng/ul#	89

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



#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

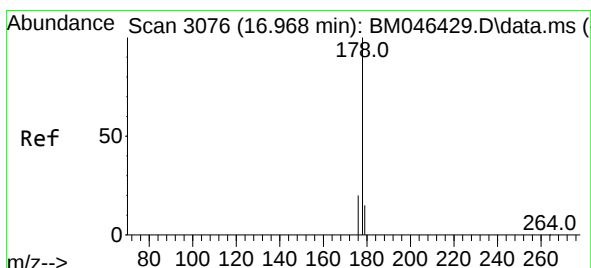
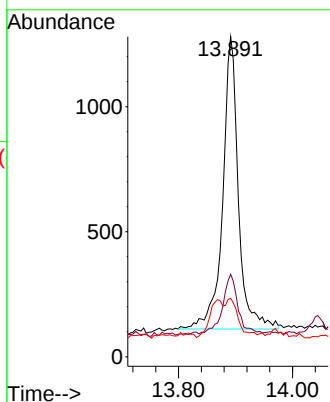
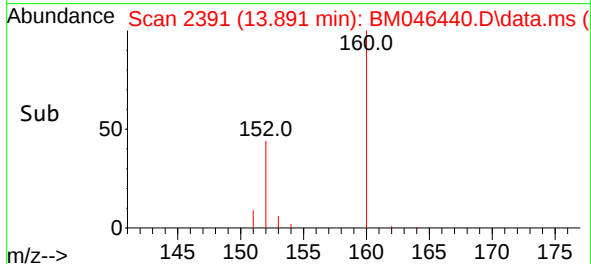
Instrument :
BNA_M
ClientSampleId :
A4CW3DL



Tgt Ion:152 Resp: 2250
Ion Ratio Lower Upper
152 100
151 25.8 15.9 23.9
153 18.3 11.0 16.6

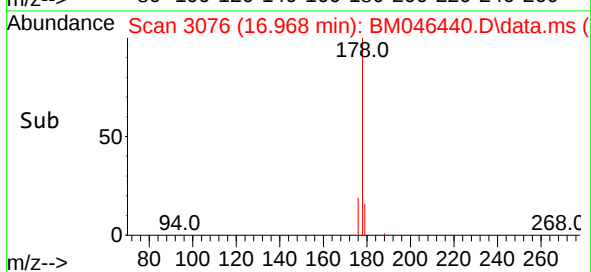
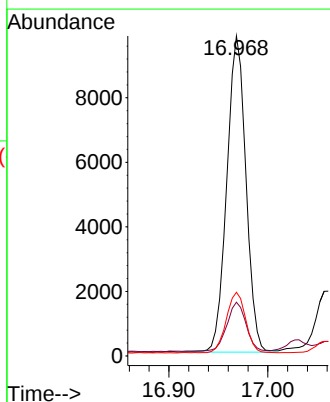
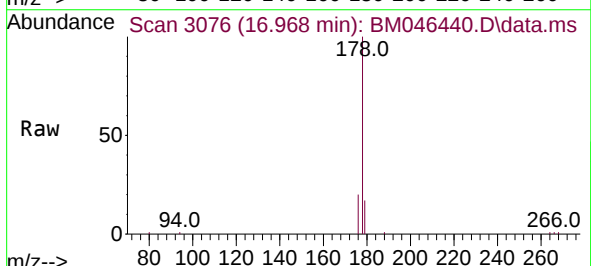
Manual Integrations
APPROVED

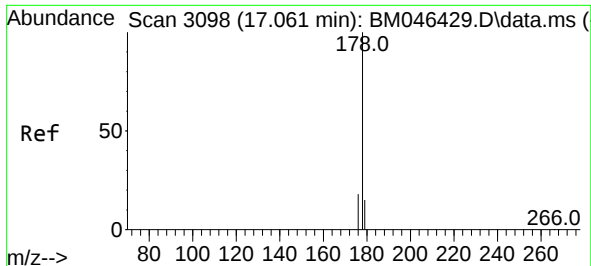
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.161 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

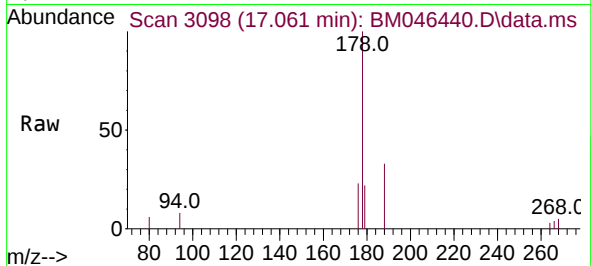
Tgt Ion:178 Resp: 13168
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 19.9 16.0 24.0





#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

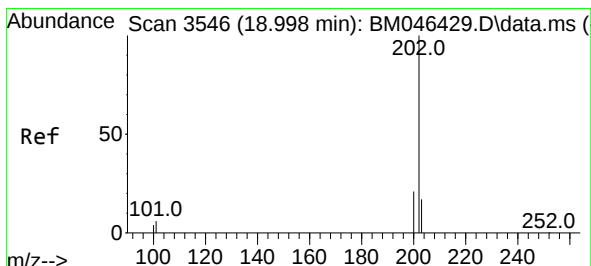
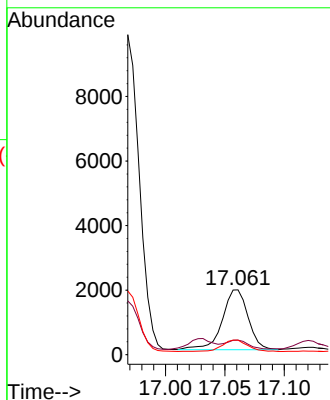
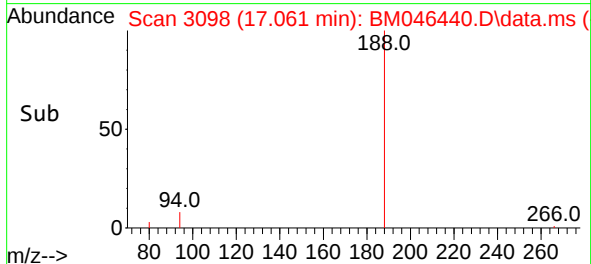
Instrument :
BNA_M
ClientSampleId :
A4CW3DL



Tgt Ion:178 Resp: 2798
Ion Ratio Lower Upper
178 100
179 22.5 12.6 18.8
176 22.5 14.9 22.3

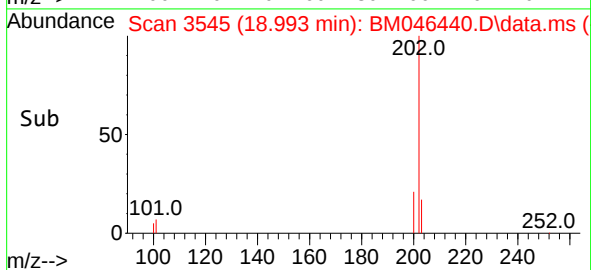
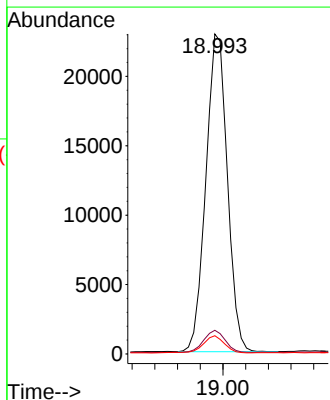
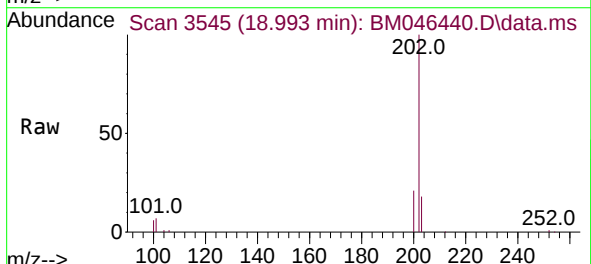
Manual Integrations
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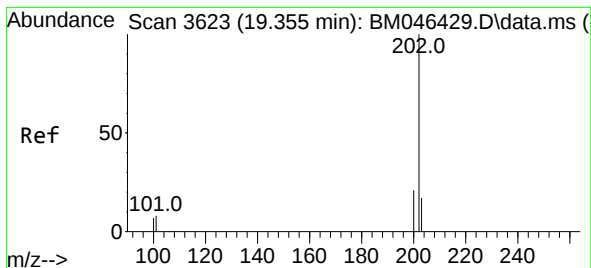
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

Tgt Ion:202 Resp: 30056
Ion Ratio Lower Upper
202 100
101 7.4 6.3 9.5
100 5.7 5.0 7.6





#20

Pyrene

Concen: 0.317 ng/ul

RT: 19.355 min Scan# 30

Delta R.T. -0.008 min

Lab File: BM046440.D

Acq: 08 Jul 2024 17:37

Instrument :

BNA_M

ClientSampleId :

A4CW3DL

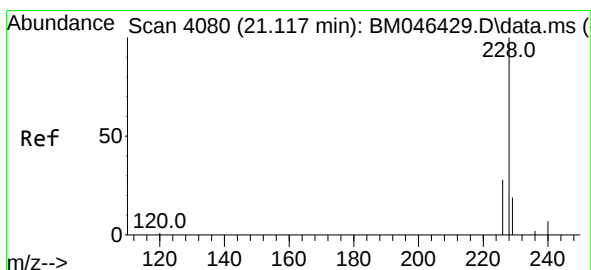
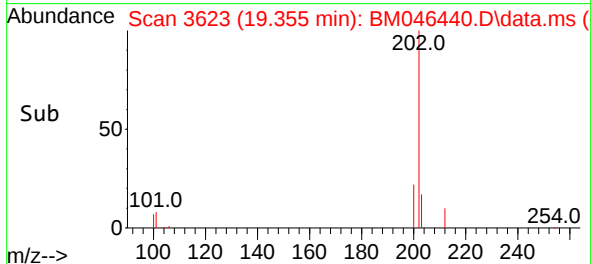
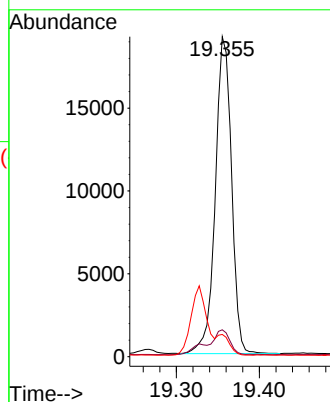
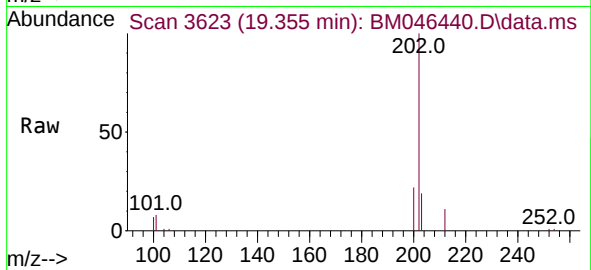
Tgt Ion:	202	Resp:	2596
Ion Ratio	Lower	Upper	
202	100		
101	8.4	8.2	12.4
100	6.9	6.9	10.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#21

Benzo(a)anthracene

Concen: 0.154 ng/ul m

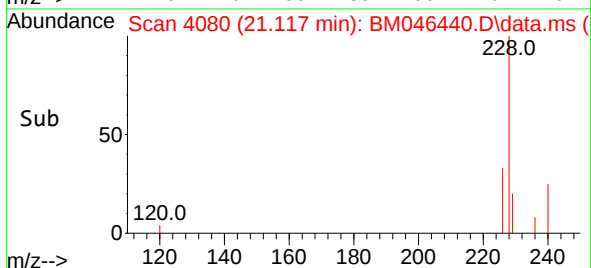
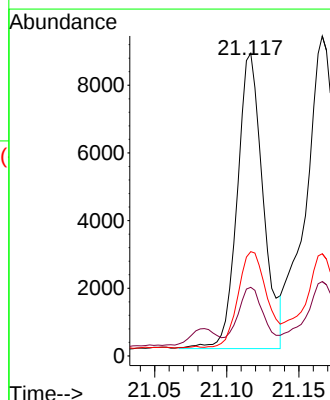
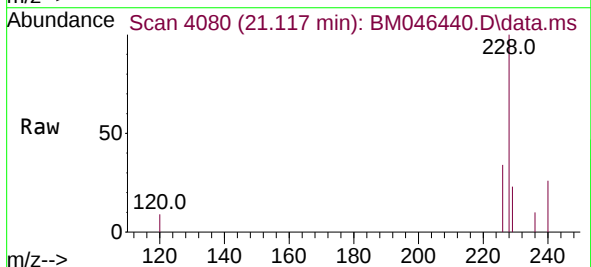
RT: 21.117 min Scan# 4080

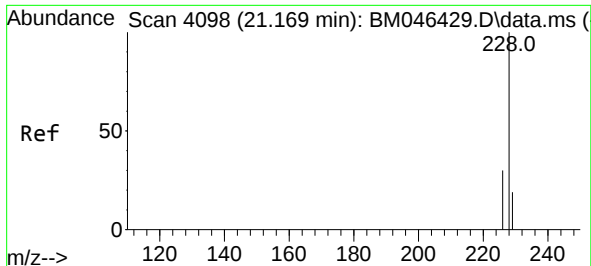
Delta R.T. -0.009 min

Lab File: BM046440.D

Acq: 08 Jul 2024 17:37

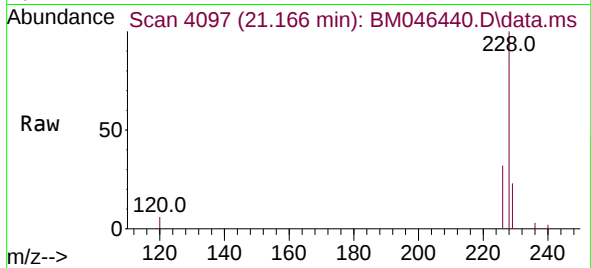
Tgt Ion:	228	Resp:	10863
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.8	23.6
226	34.4	22.0	33.0





#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.166 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

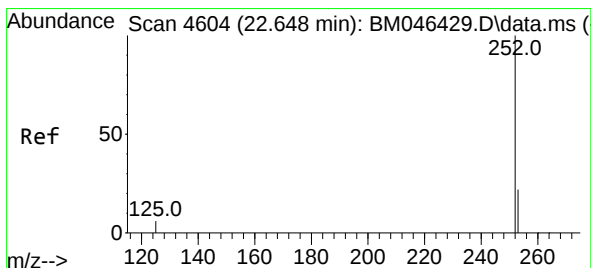
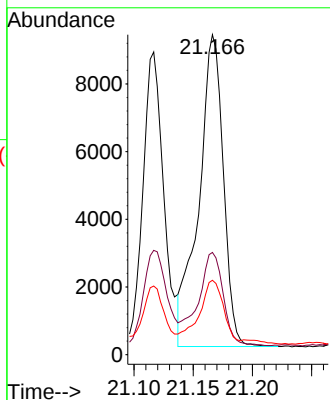
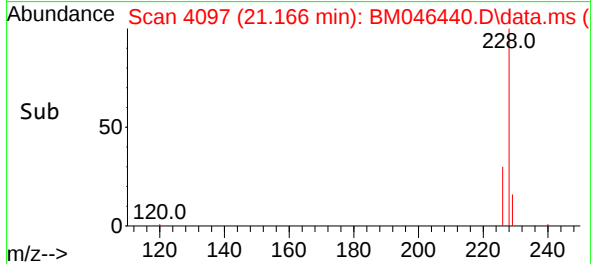
Instrument :
BNA_M
ClientSampleId :
A4CW3DL



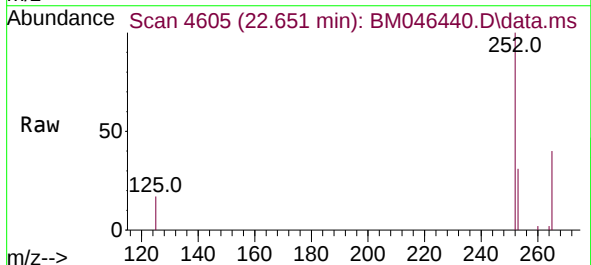
Tgt Ion:228 Resp: 13305
Ion Ratio Lower Upper
228 100
226 31.9 24.1 36.1
229 23.3 15.8 23.6

Manual Integrations
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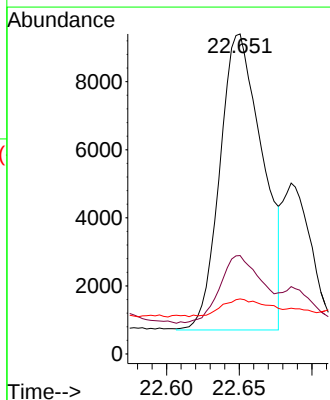
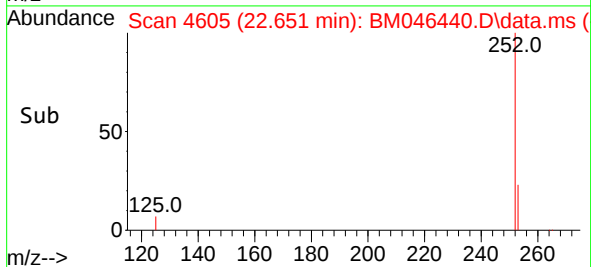
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

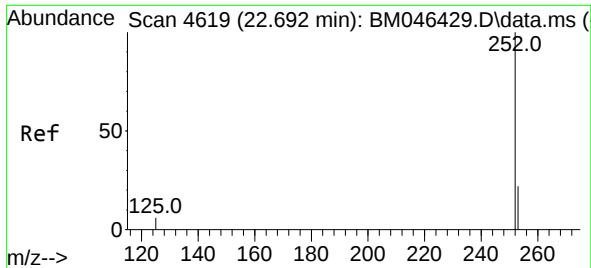


#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37



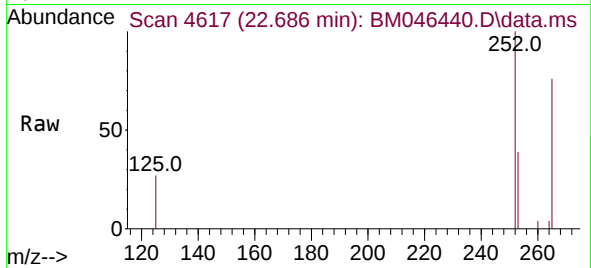
Tgt Ion:252 Resp: 17768
Ion Ratio Lower Upper
252 100
253 30.8 0.0 47.0
125 17.2 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.686 min Scan# 4617
Delta R.T. -0.021 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

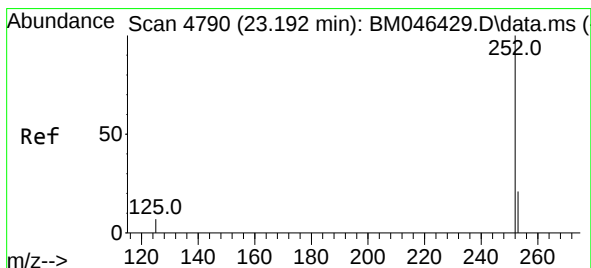
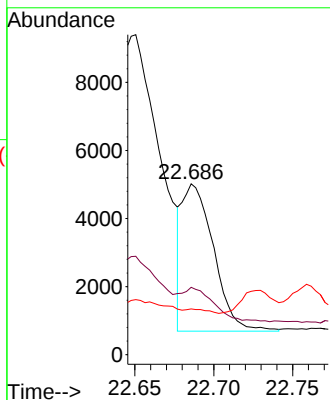
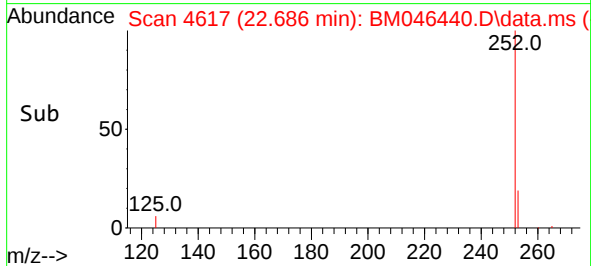
Instrument :
BNA_M
ClientSampleId :
A4CW3DL



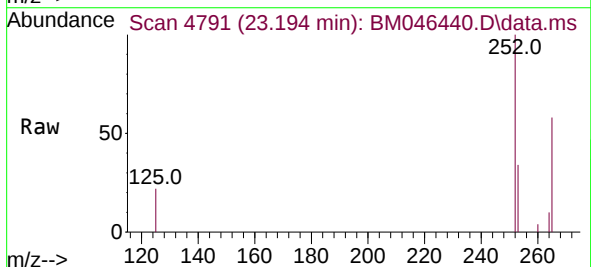
Tgt Ion:252 Resp: 6034
Ion Ratio Lower Upper
252 100
253 39.4 18.4 27.6#
125 26.8 7.5 11.3#

Manual Integrations
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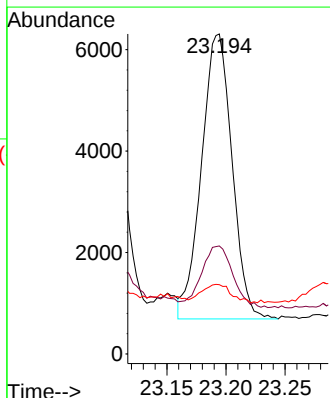
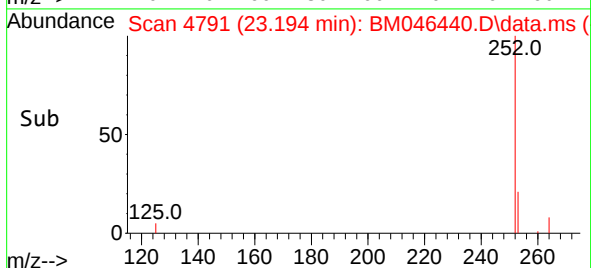
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

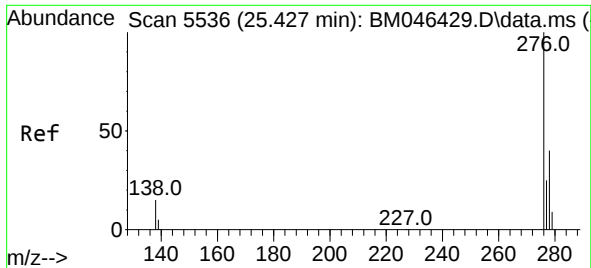


#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37



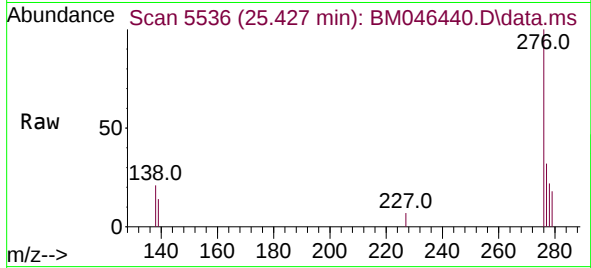
Tgt Ion:252 Resp: 10107
Ion Ratio Lower Upper
252 100
253 33.8 18.9 28.3#
125 21.7 8.1 12.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

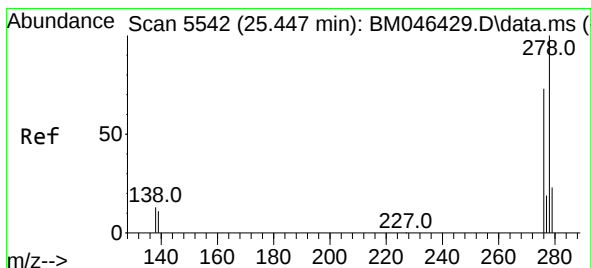
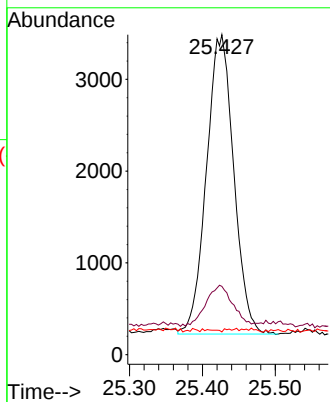
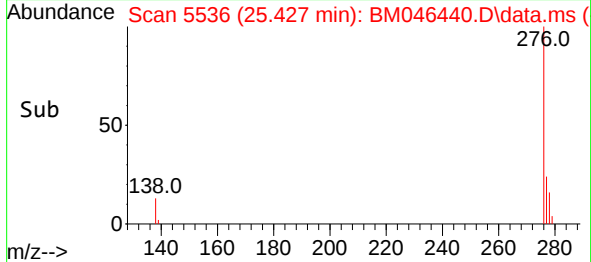
Instrument :
BNA_M
ClientSampleId :
A4CW3DL



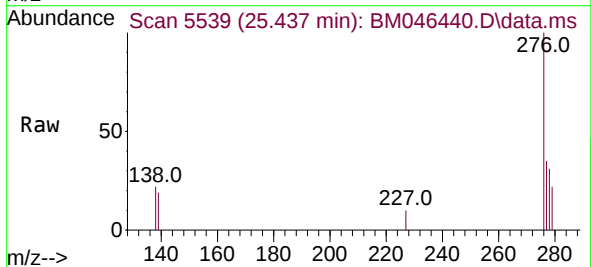
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Ion Ratio Lower Upper
276 100
138 14.0 15.7 23.5
227 0.3 0.1 0.1

Manual Integrations
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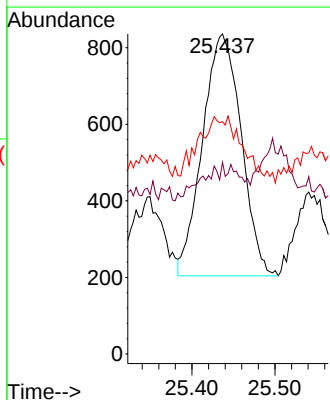
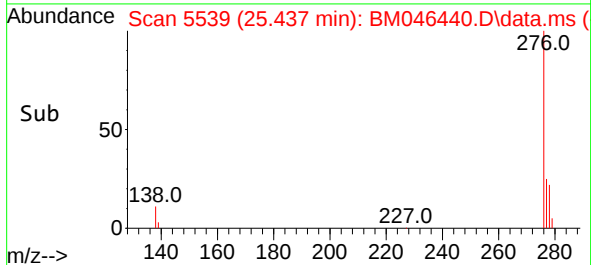
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

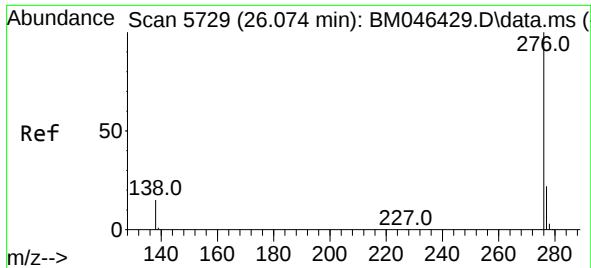


#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.037 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37



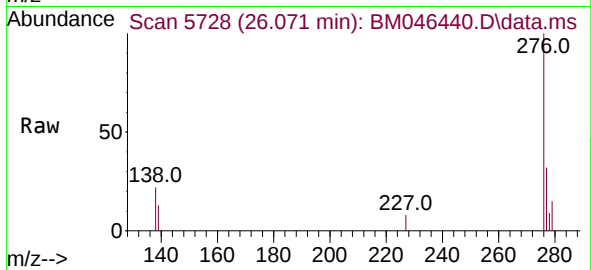
Tgt Ion: 278 Resp: 2048
Ion Ratio Lower Upper
278 100
139 59.9 12.6 18.8#
279 72.6 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.154 ng/ul
RT: 26.071 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046440.D
Acq: 08 Jul 2024 17:37

Instrument :
BNA_M
ClientSampleId :
A4CW3DL



Tgt Ion:276 Resp: 8434
Ion Ratio Lower Upper
276 100
138 22.0 15.4 23.0
277 31.8 19.7 29.5

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/10/2024

