

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046443.D
 Acq On : 08 Jul 2024 19:28
 Operator : MA/JU
 Sample : P3010-07DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW1DL

Manual Integrations
 APPROVED

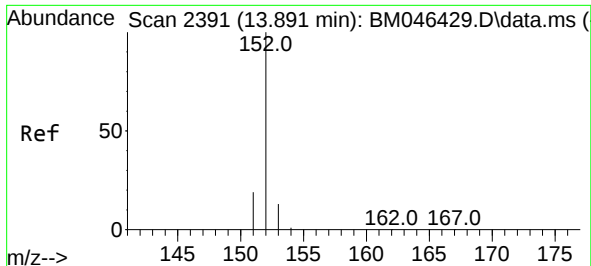
Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 00:58:50 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)

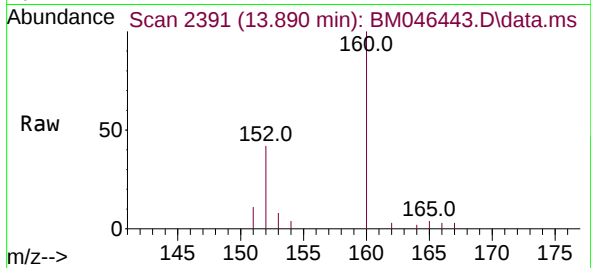
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	7016	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	19135	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.172	164	11457	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.925	188	21272	0.400	ng/ul	-0.01
17) Chrysene-d12	21.129	240	12873	0.400	ng/ul	-0.01
23) Perylene-d12	23.283	264	12998	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3675	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	1505	0.053	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	2509	0.056	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.890	152	1927	0.033	ng/ul#	86
15) Phenanthrene	16.967	178	15360	0.241	ng/ul	99
16) Anthracene	17.056	178	3132	0.051	ng/ul#	90
19) Fluoranthene	18.992	202	30629	0.471	ng/ul	97
20) Pyrene	19.354	202	27528	0.411	ng/ul#	95
21) Benzo(a)anthracene	21.114	228	11645m	0.202	ng/ul	
22) Chrysene	21.164	228	13225	0.231	ng/ul	95
24) Benzo(b)fluoranthene	22.648	252	16348m	0.296	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	6461m	0.116	ng/ul	
26) Benzo(a)pyrene	23.189	252	10666	0.244	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.417	276	8330	0.141	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.430	278	1996	0.044	ng/ul#	15
29) Benzo(g,h,i)perylene	26.068	276	8295	0.176	ng/ul#	92

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



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 13.890 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

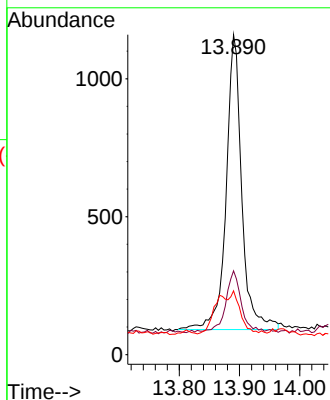
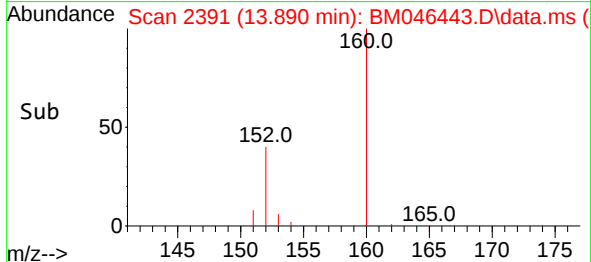
Instrument :
BNA_M
ClientSampleId :
A4CW1DL



Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 26.2 15.9 23.9
153 19.9 11.0 16.6

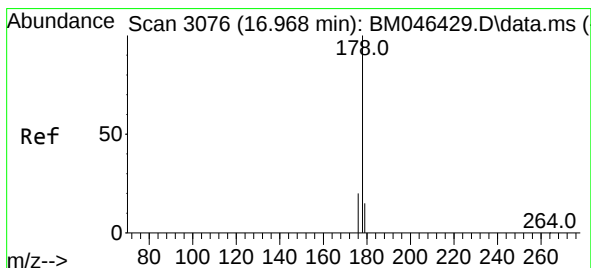
Manual Integrations
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Supervised By :mohammad ahmed 07/10/2024



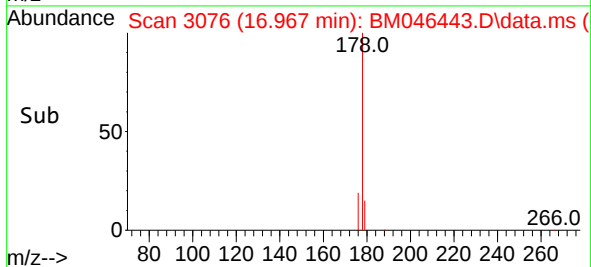
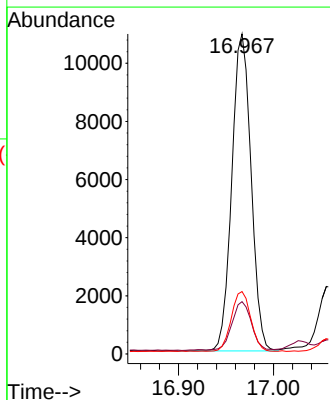
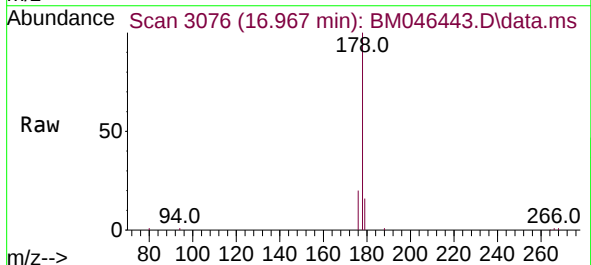
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Supervised By :mohammad
ahmed

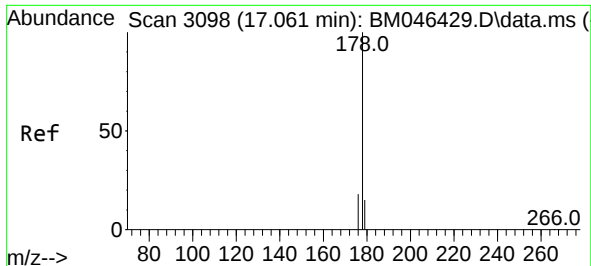
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#15
Phenanthrene
Concen: 0.241 ng/ul
RT: 16.967 min Scan# 3076
Delta R.T. -0.008 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

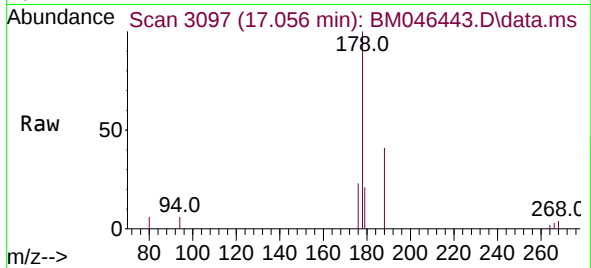
Tgt Ion:178 Resp: 15360
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.5 16.0 24.0





#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.056 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

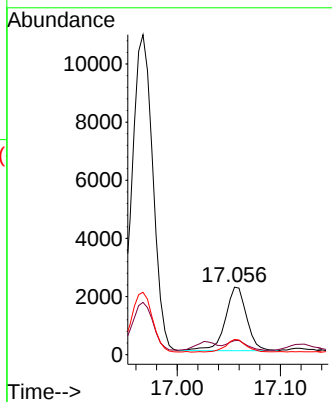
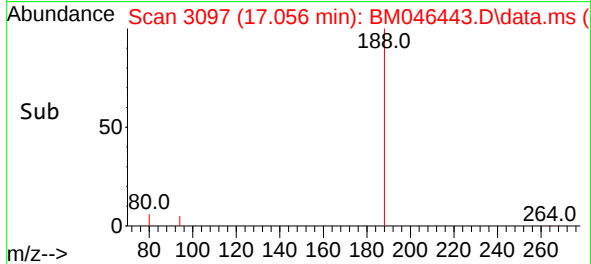
Instrument :
BNA_M
ClientSampleId :
A4CW1DL



Tgt Ion:178 Resp: 313
Ion Ratio Lower Upper
178 100
179 20.9 12.6 18.8
176 22.6 14.9 22.3

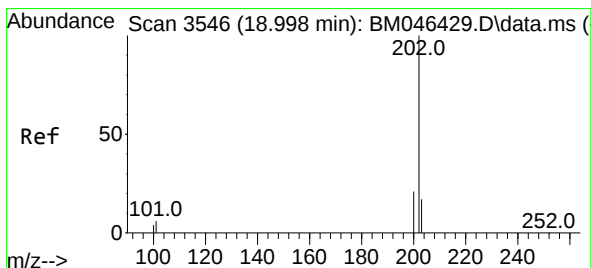
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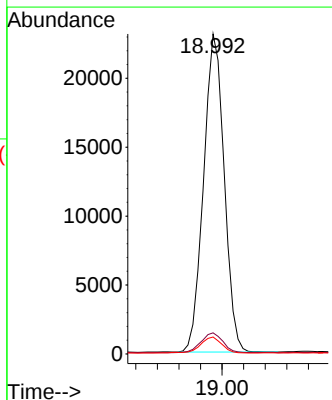
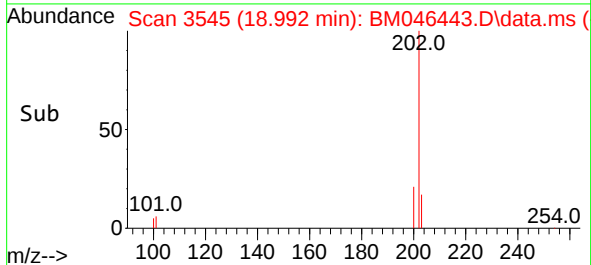
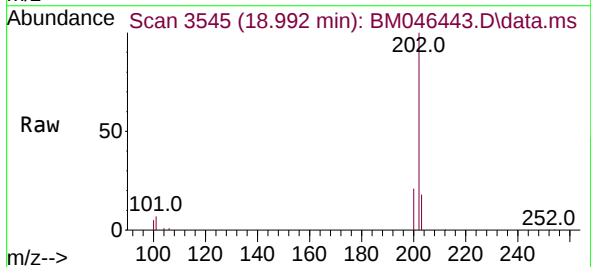
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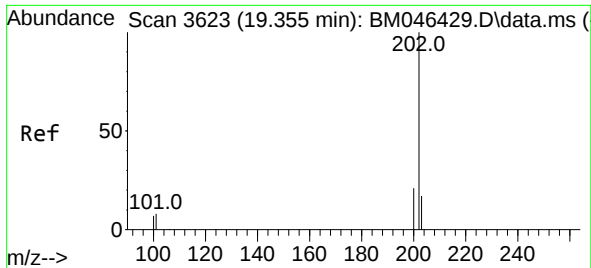
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#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 18.992 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

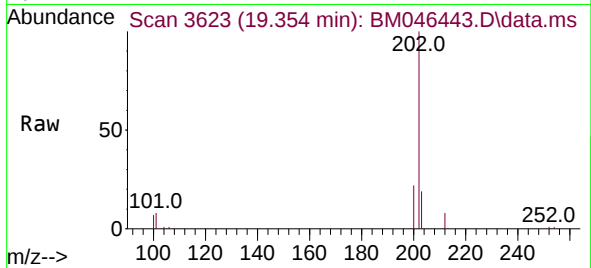
Tgt Ion:202 Resp: 30629
Ion Ratio Lower Upper
202 100
101 6.6 6.3 9.5
100 5.3 5.0 7.6





#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.354 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

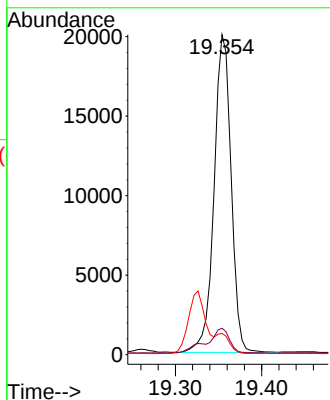
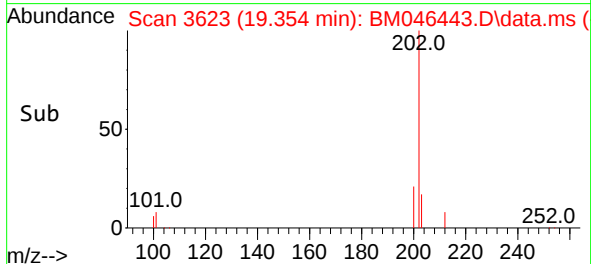
Instrument :
BNA_M
ClientSampleId :
A4CW1DL



Tgt Ion:202 Resp: 2752
Ion Ratio Lower Upper
202 100
101 8.3 8.2 12.4
100 6.7 6.9 10.3

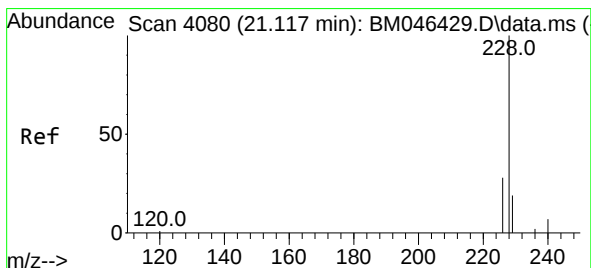
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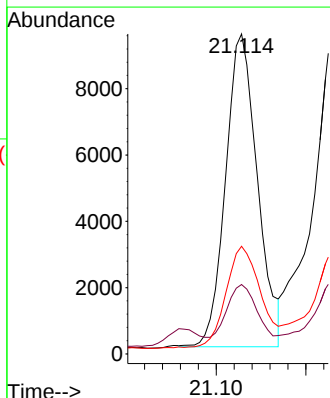
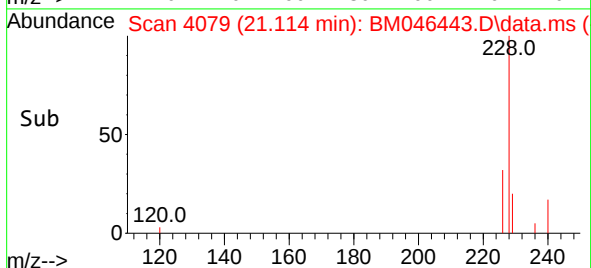
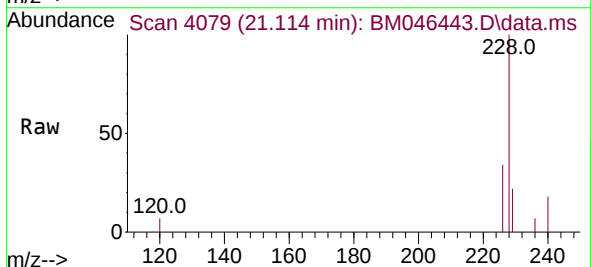
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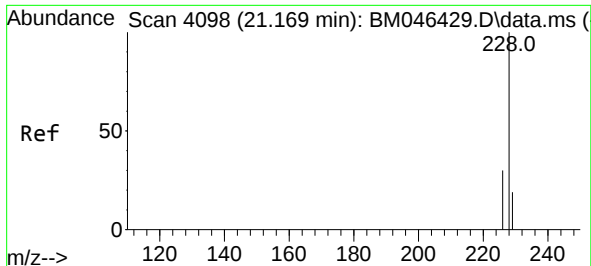
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#21
Benzo(a)anthracene
Concen: 0.202 ng/ul m
RT: 21.114 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

Tgt Ion:228 Resp: 11645
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 33.6 22.0 33.0#





#22

Chrysene

Concen: 0.231 ng/ul

RT: 21.164 min Scan# 4096

Delta R.T. -0.014 min

Lab File: BM046443.D

Acq: 08 Jul 2024 19:28

Instrument :

BNA_M

ClientSampleId :

A4CW1DL

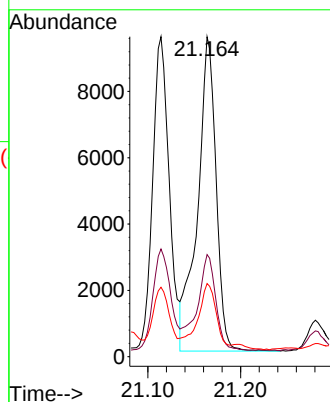
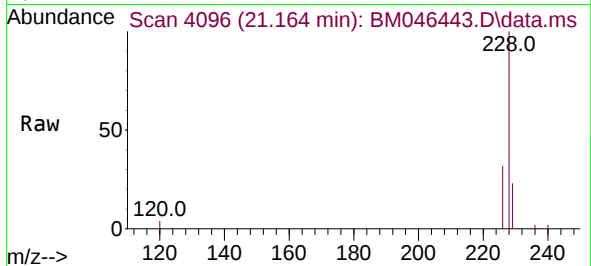
Tgt Ion:228	Resp:	13225
Ion Ratio	Lower	Upper
228	100	
226	31.9	24.1 36.1
229	22.9	15.8 23.6

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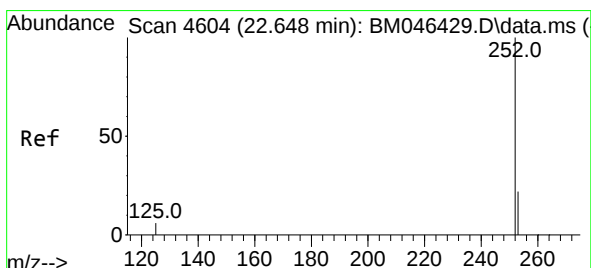
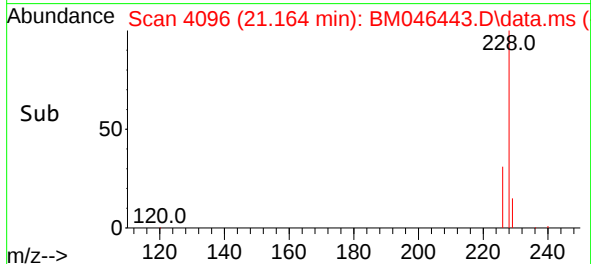
Supervised By :mohammad ahmed 07/10/2024



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ahmed

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#24

Benzo(b)fluoranthene

Concen: 0.296 ng/ul m

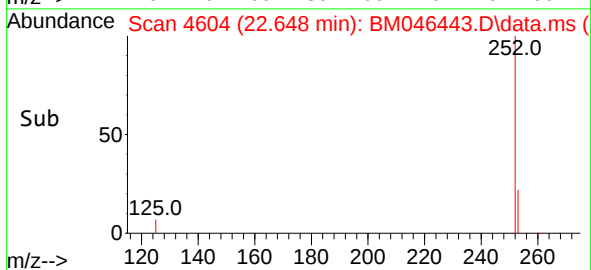
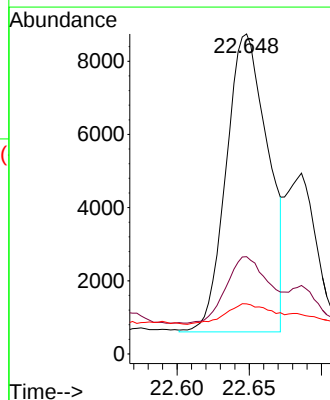
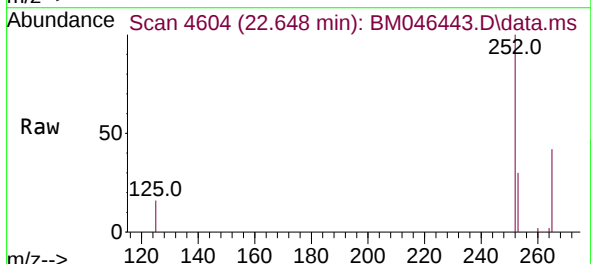
RT: 22.648 min Scan# 4604

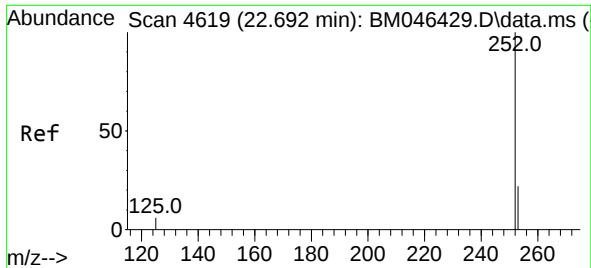
Delta R.T. -0.014 min

Lab File: BM046443.D

Acq: 08 Jul 2024 19:28

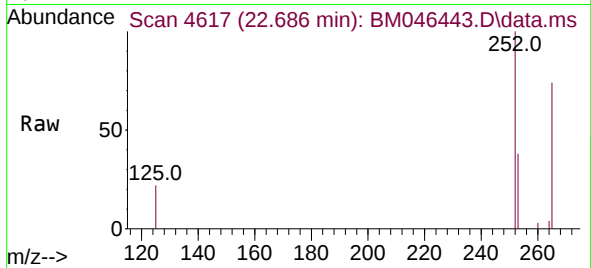
Tgt Ion:252	Resp:	16348
Ion Ratio	Lower	Upper
252	100	
253	30.4	0.0 47.0
125	15.7	0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.686 min Scan# 4619
Delta R.T. -0.020 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

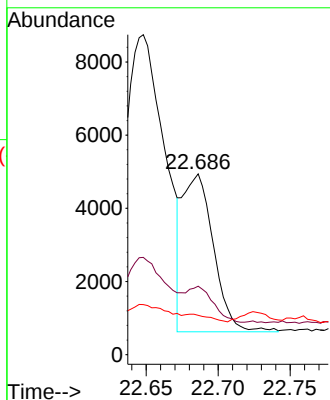
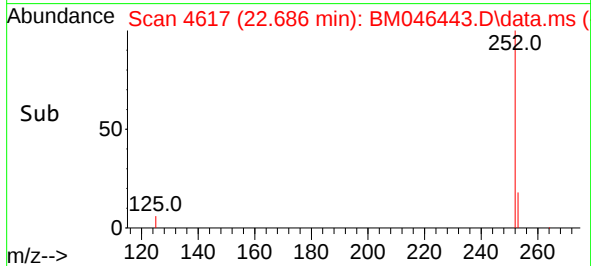
Instrument :
BNA_M
ClientSampleId :
A4CW1DL



Tgt Ion:252 Resp: 6463
Ion Ratio Lower Upper
252 100
253 37.9 18.4 27.6#
125 21.8 7.5 11.3#

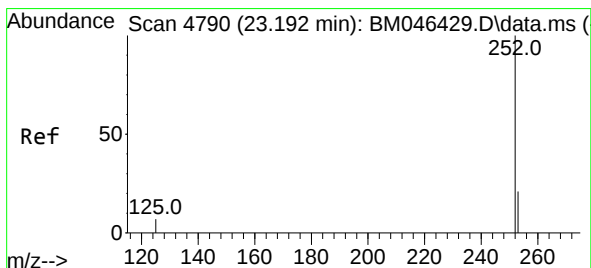
Manual Integrations
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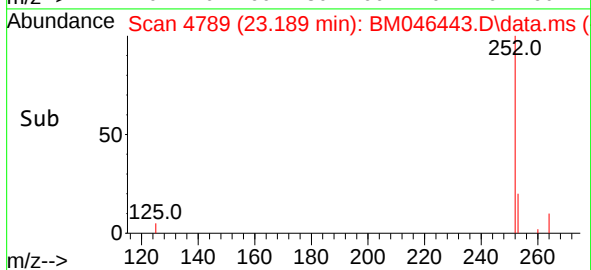
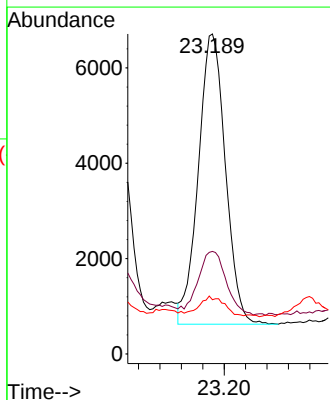
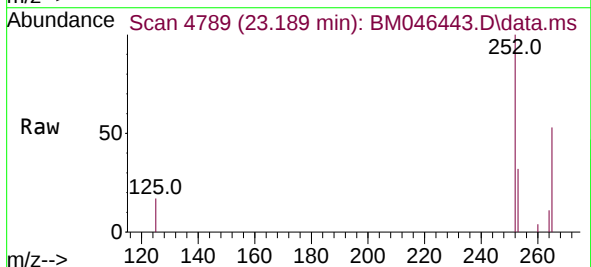
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ahmed

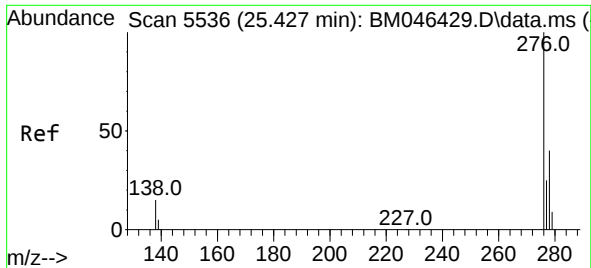
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#26
Benzo(a)pyrene
Concen: 0.244 ng/ul
RT: 23.189 min Scan# 4789
Delta R.T. -0.020 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

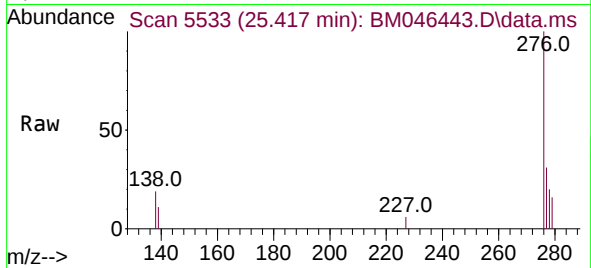
Tgt Ion:252 Resp: 10666
Ion Ratio Lower Upper
252 100
253 32.0 18.9 28.3#
125 17.0 8.1 12.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng/ul
RT: 25.417 min Scan# 5536
Delta R.T. -0.030 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

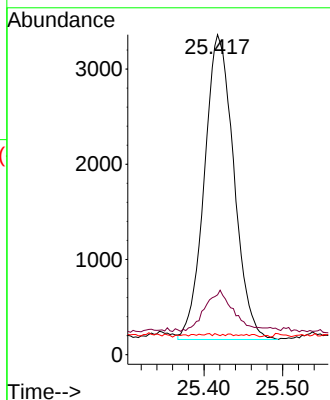
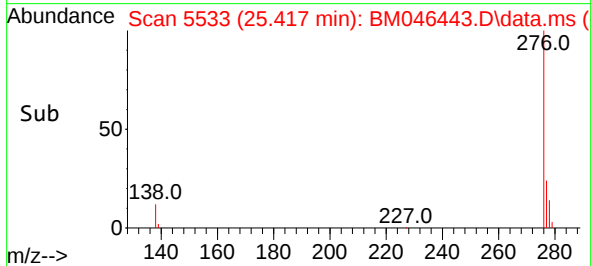
Instrument :
BNA_M
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A4CW1DL



Tgt Ion:276 Resp: 8330
Ion Ratio Lower Upper
276 100
138 13.4 15.7 23.5#
227 0.6 0.1 0.1#

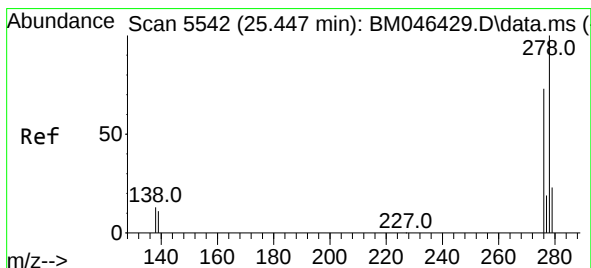
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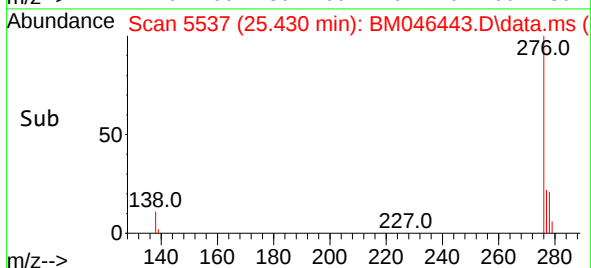
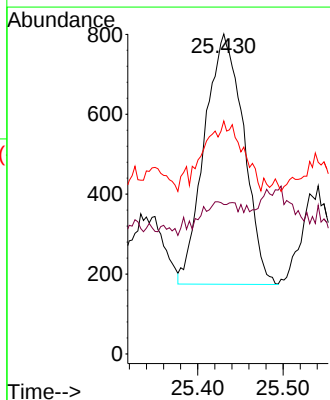
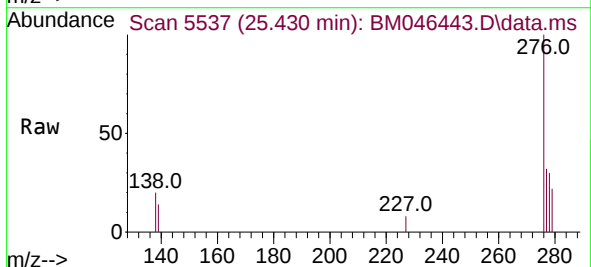
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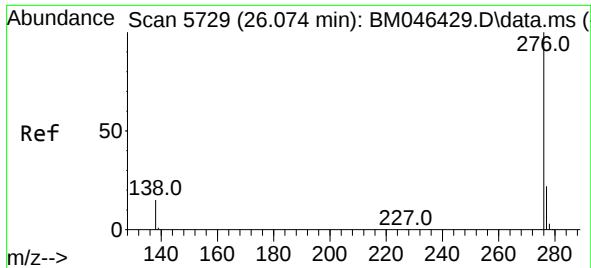
07/10/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.043 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

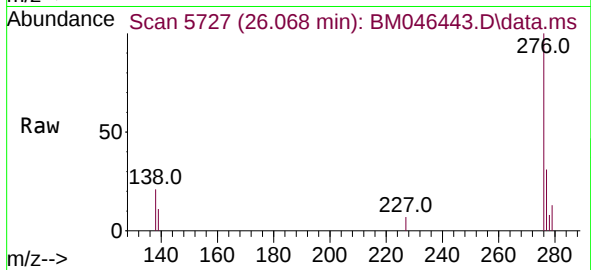
Tgt Ion:278 Resp: 1996
Ion Ratio Lower Upper
278 100
139 46.7 12.6 18.8#
279 72.8 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 26.068 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM046443.D
Acq: 08 Jul 2024 19:28

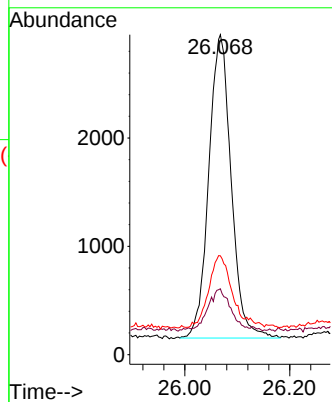
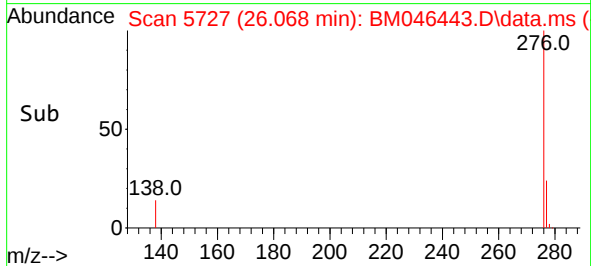
Instrument :
BNA_M
ClientSampleId :
A4CW1DL



Tgt Ion:276 Resp: 829
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.0
277 30.9 19.7 29.5

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ahmed

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