

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046523.D
 Acq On : 11 Jul 2024 18:29
 Operator : MA/JU
 Sample : P3035-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:22:44 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 : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.276	136	7432	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.159	164	5016	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	11080	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	9641	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	10721m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	4599	2.021	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	2026	0.169	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	5451	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.950	178	6432	0.203	ng/ul	99
16) Anthracene	17.043	178	1342	0.043	ng/ul#	87
19) Fluoranthene	18.978	202	14846	0.375	ng/ul	99
20) Pyrene	19.340	202	14303	0.334	ng/ul	99
21) Benzo(a)anthracene	21.097	228	7346	0.172	ng/ul	96
22) Chrysene	21.149	228	7852	0.190	ng/ul	98
24) Benzo(b)fluoranthene	22.625	252	11370m	0.266	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	4217m	0.100	ng/ul	
26) Benzo(a)pyrene	23.169	252	7645	0.217	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.380	276	6754	0.126	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.401	278	1632	0.038	ng/ul#	23
29) Benzo(g,h,i)perylene	26.028	276	6801	0.159	ng/ul#	94

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

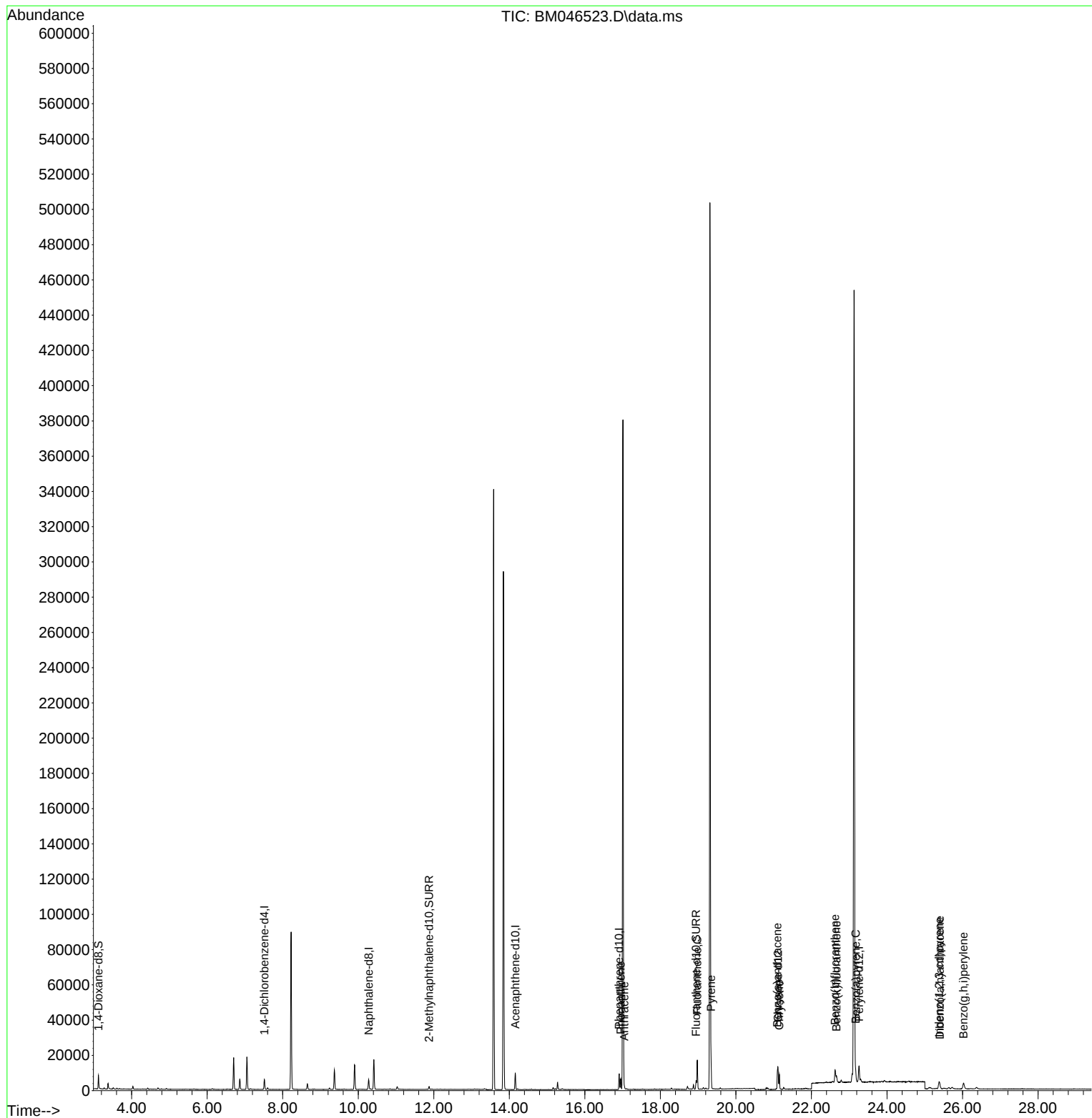
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046523.D
Acq On : 11 Jul 2024 18:29
Operator : MA/JU
Sample : P3035-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

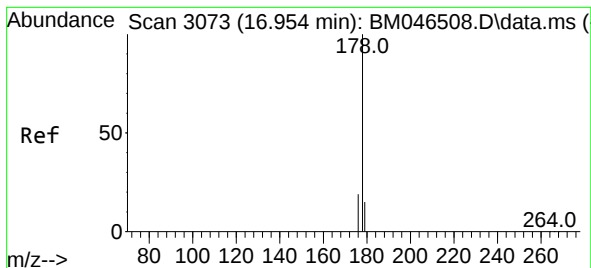
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Quant Time: Jul 12 04:22:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.203 ng/u1

RT: 16.950 min Scan# 3073

Delta R.T. -0.004 min

Lab File: BM046523.D

Acq: 11 Jul 2024 18:29

Instrument :

BNA_M

ClientSampleId :

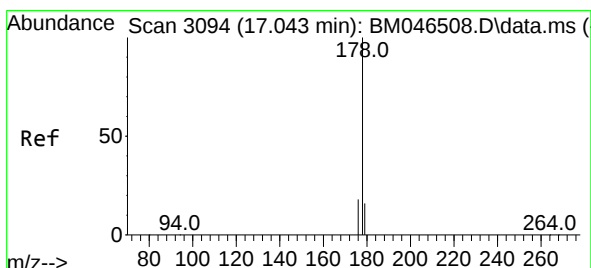
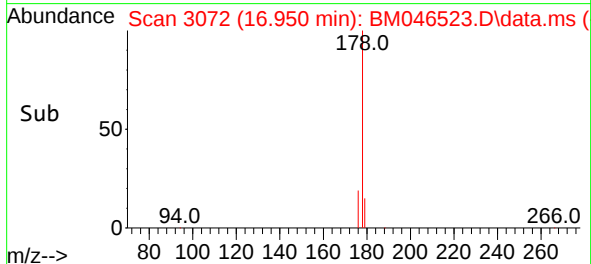
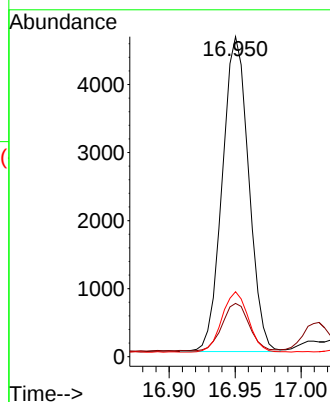
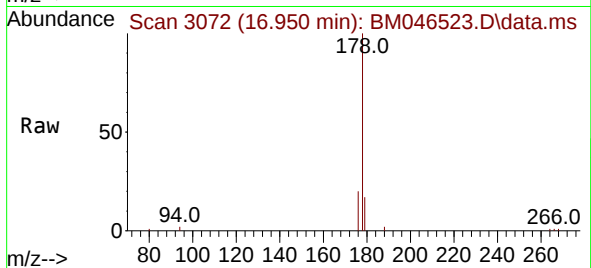
A4CX8

Tgt Ion:178	Resp:	643
Ion Ratio	Lower	Upper
178	100	
179	16.6	13.1 19.7
176	20.3	16.0 24.0

Manual Integrations

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#16

Anthracene

Concen: 0.043 ng/u1

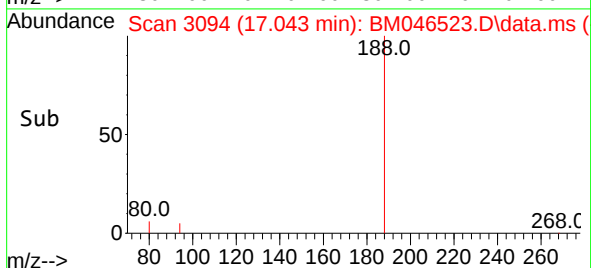
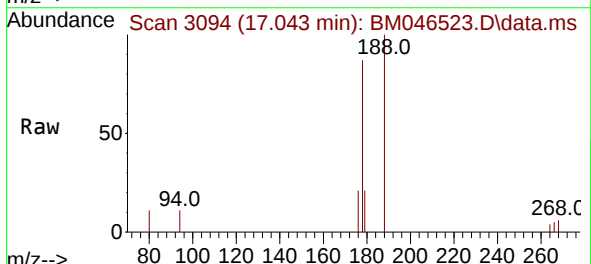
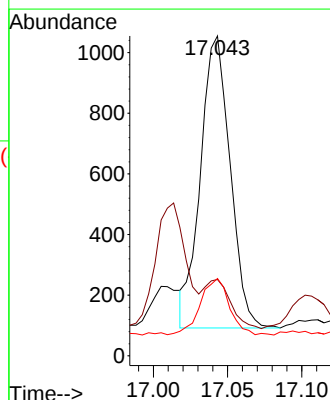
RT: 17.043 min Scan# 3094

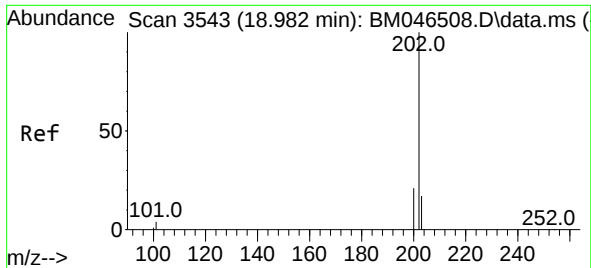
Delta R.T. 0.000 min

Lab File: BM046523.D

Acq: 11 Jul 2024 18:29

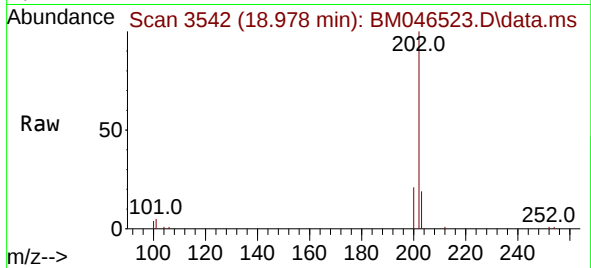
Tgt Ion:178	Resp:	1342
Ion Ratio	Lower	Upper
178	100	
179	23.9	13.5 20.3#
176	24.2	15.7 23.5#





#19
Fluoranthene
Concen: 0.375 ng/u1
RT: 18.978 min Scan# 3542
Delta R.T. -0.004 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

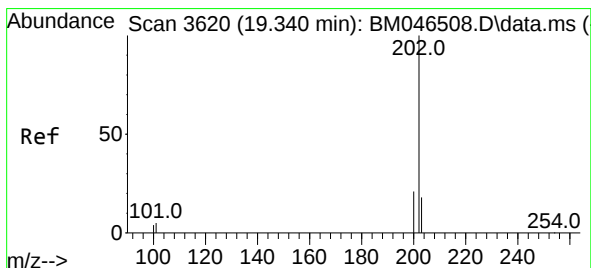
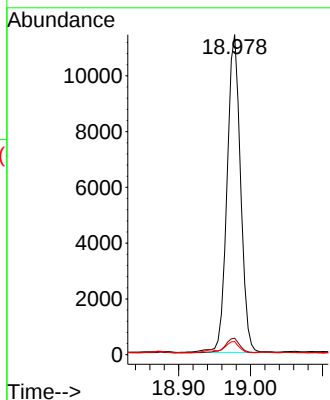
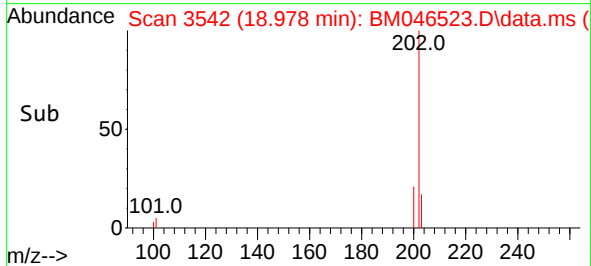
Instrument :
BNA_M
ClientSampleId :
A4CX8



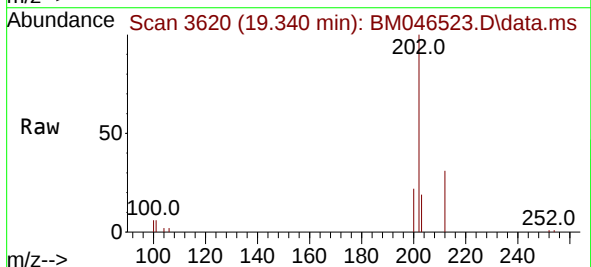
Tgt Ion:202 Resp: 14840
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.1 3.0 4.6

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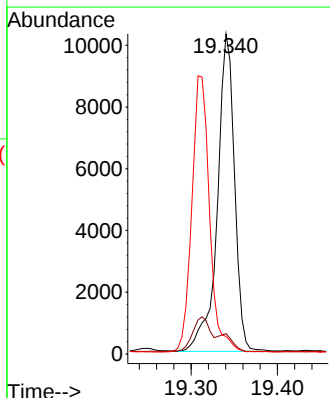
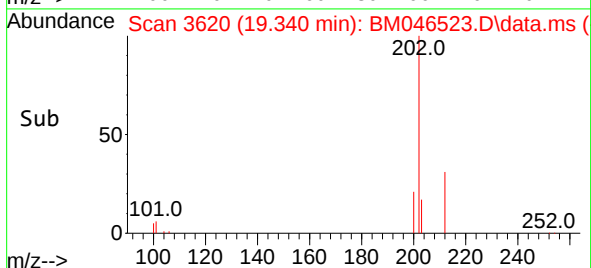
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

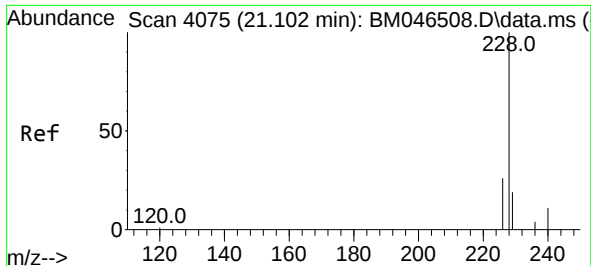


#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.340 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29



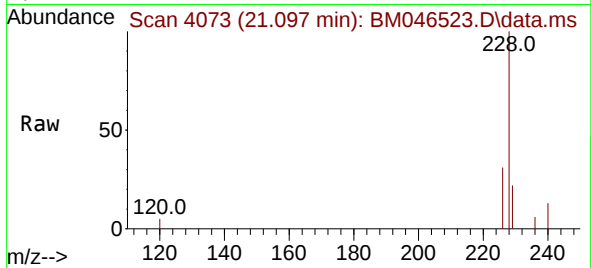
Tgt Ion:202 Resp: 14303
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.5 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.172 ng/ul
RT: 21.097 min Scan# 4075
Delta R.T. -0.005 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

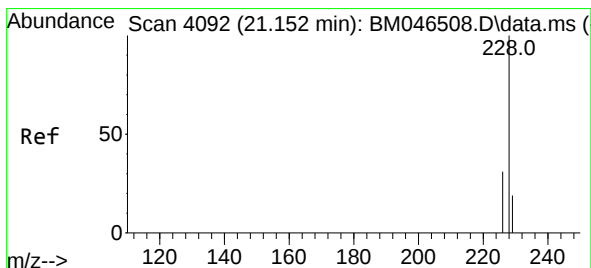
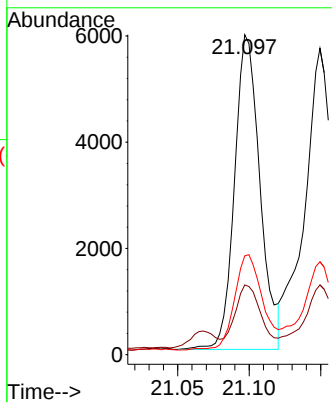
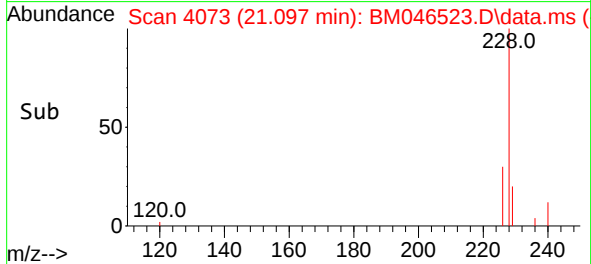
Instrument :
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A4CX8



Tgt Ion:228 Resp: 7340
Ion Ratio Lower Upper
228 100
229 21.8 16.5 24.7
226 30.9 22.5 33.7

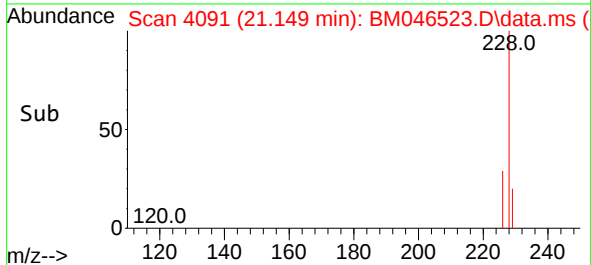
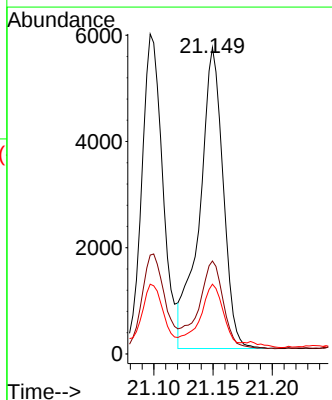
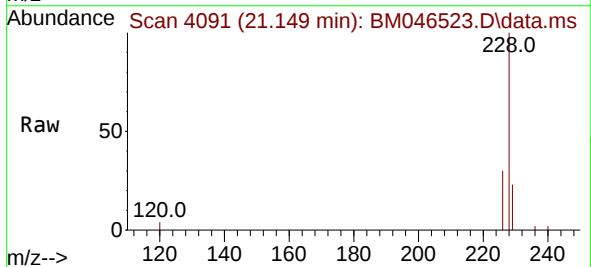
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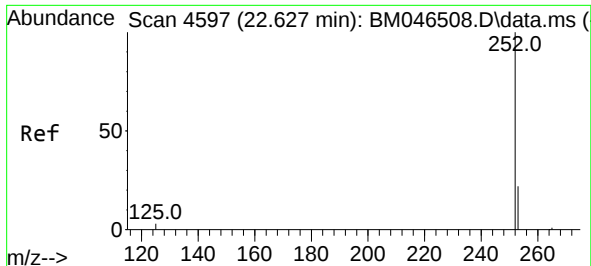
Reviewed By :Jagrut Upadhyay 07/12/2024
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#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. -0.002 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

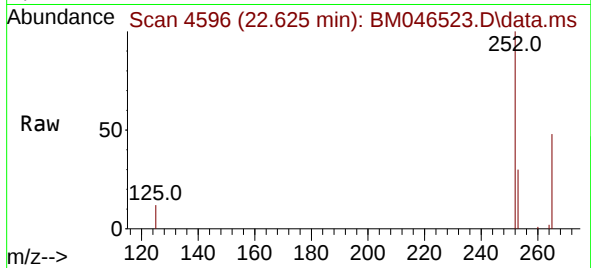
Tgt Ion:228 Resp: 7852
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.266 ng/ul m
RT: 22.625 min Scan# 4596
Delta R.T. -0.002 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

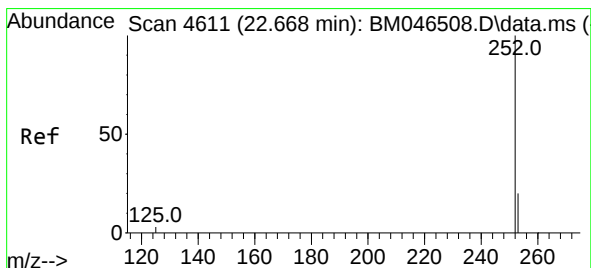
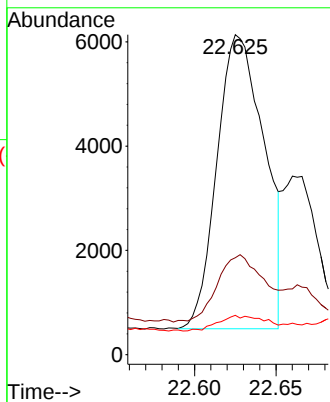
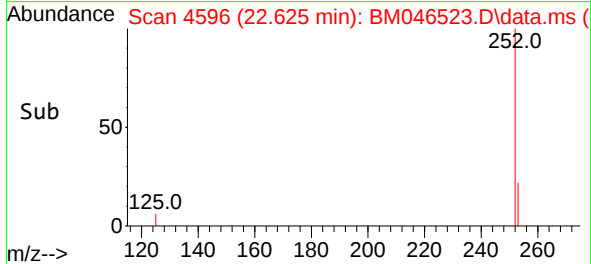
Instrument :
BNA_M
ClientSampleId :
A4CX8



Tgt Ion:252 Resp: 11370
Ion Ratio Lower Upper
252 100
253 30.3 0.0 56.2
125 12.3 0.0 17.8

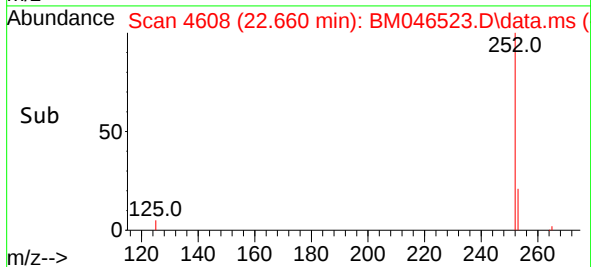
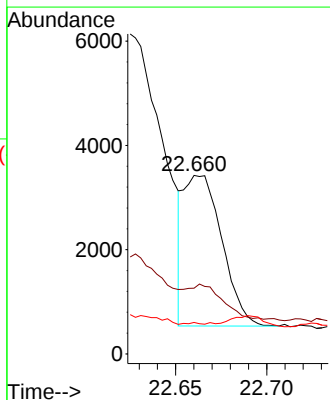
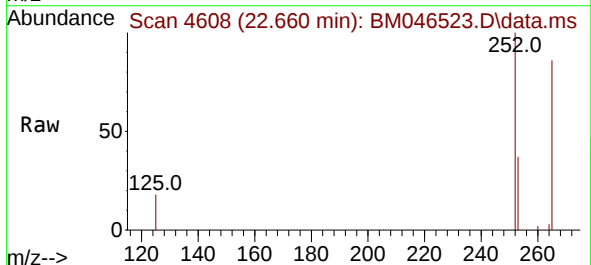
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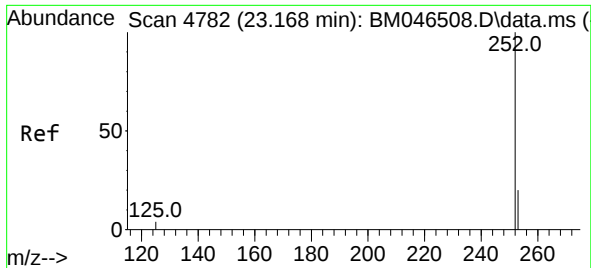
Reviewed By :Jagrut Upadhyay 07/12/2024
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#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. -0.008 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

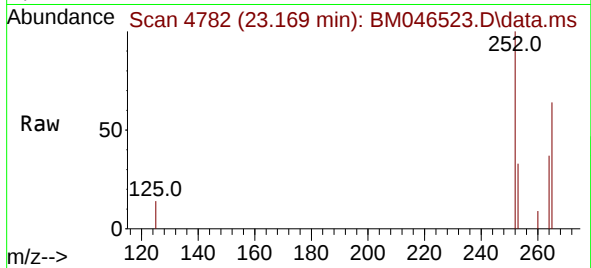
Tgt Ion:252 Resp: 4217
Ion Ratio Lower Upper
252 100
253 36.9 22.4 33.6#
125 17.7 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.169 min Scan# 4782
Delta R.T. 0.001 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

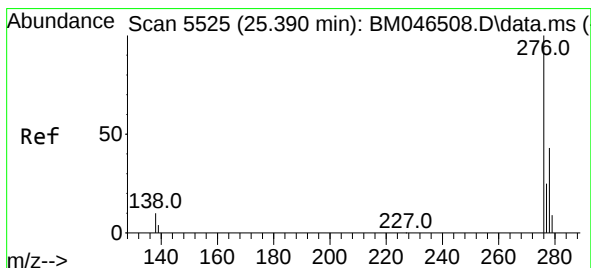
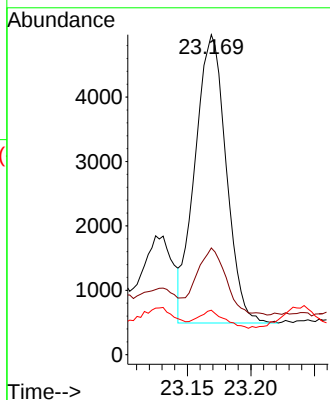
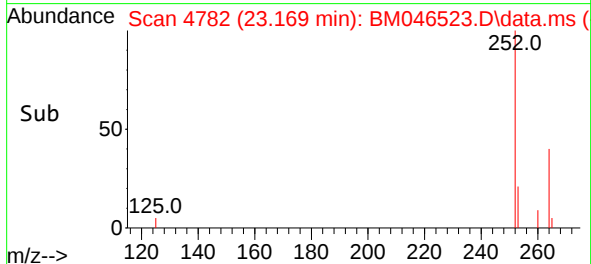
Instrument :
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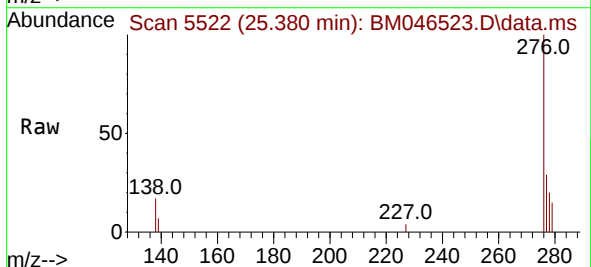
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Ion Ratio Lower Upper
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253 33.4 24.0 36.0
125 13.9 8.2 12.2

Manual Integrations
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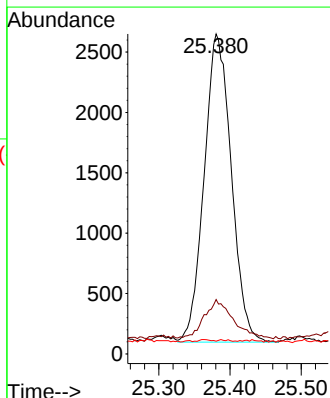
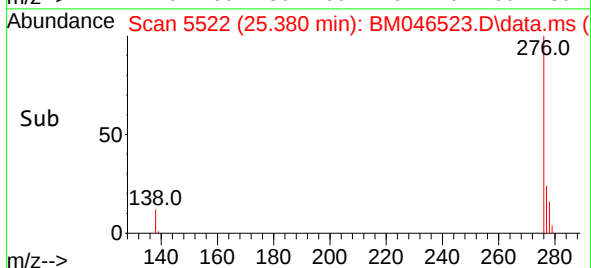
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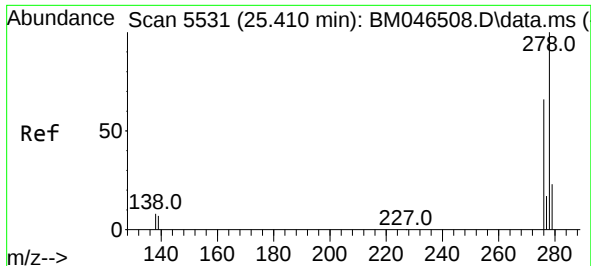


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.010 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29



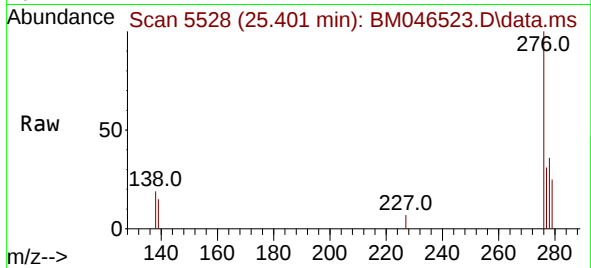
Tgt Ion:276 Resp: 6754
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.401 min Scan# 5528
Delta R.T. -0.010 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29

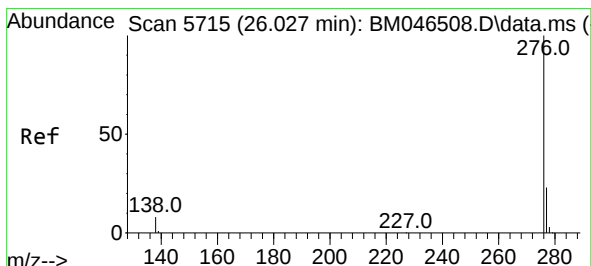
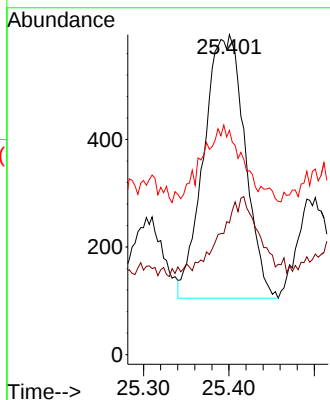
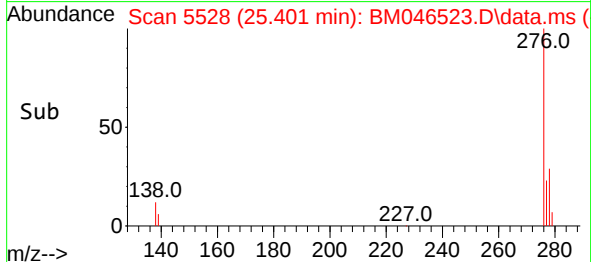
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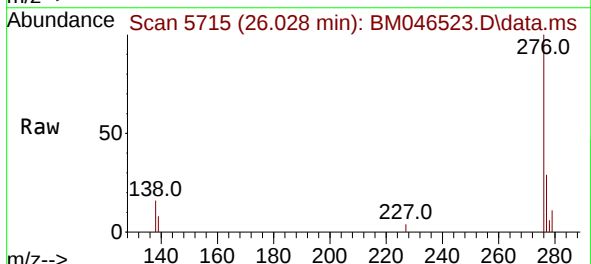
Tgt Ion:278 Resp: 1632
Ion Ratio Lower Upper
278 100
139 41.2 9.1 13.7
279 70.1 23.2 34.8

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.159 ng/ul
RT: 26.028 min Scan# 5715
Delta R.T. 0.001 min
Lab File: BM046523.D
Acq: 11 Jul 2024 18:29



Tgt Ion:276 Resp: 6801
Ion Ratio Lower Upper
276 100
138 15.6 10.2 15.4
277 28.8 20.9 31.3

