

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046398.D
 Acq On : 06 Jul 2024 01:45
 Operator : MA/JU
 Sample : P3010-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 02:14:08 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	7.539	152	9049	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	27707	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.182	164	16957	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	35283m	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	18825	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16210m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	28599	3.060	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	10541	0.257	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	19406	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.895	152	3743	0.043	ng/ul#	91
15) Phenanthrene	16.971	178	16270	0.154	ng/ul	100
16) Anthracene	17.064	178	4643	0.045	ng/ul	95
19) Fluoranthene	19.001	202	43622	0.458	ng/ul	99
20) Pyrene	19.363	202	44874m	0.458	ng/ul	
21) Benzo(a)anthracene	21.120	228	19169	0.228	ng/ul	93
22) Chrysene	21.170	228	18542	0.222	ng/ul	97
24) Benzo(b)fluoranthene	22.654	252	22364m	0.325	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	8170m	0.117	ng/ul	
26) Benzo(a)pyrene	23.198	252	15992	0.294	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.431	276	11419	0.155	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.451	278	2576	0.045	ng/ul#	62
29) Benzo(g,h,i)perylene	26.078	276	11504	0.196	ng/ul	93

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

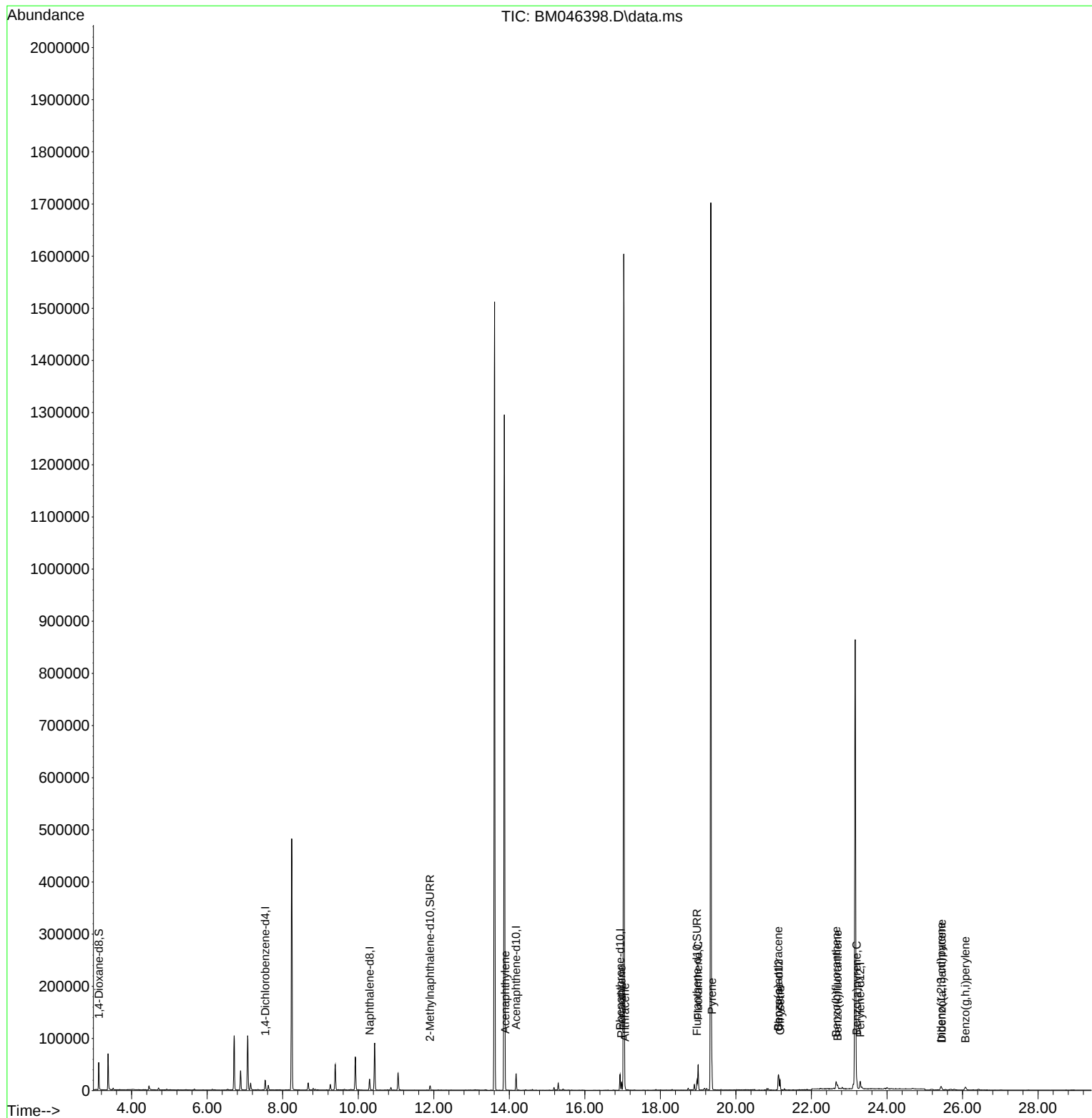
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
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ALS Vial : 23 Sample Multiplier: 1

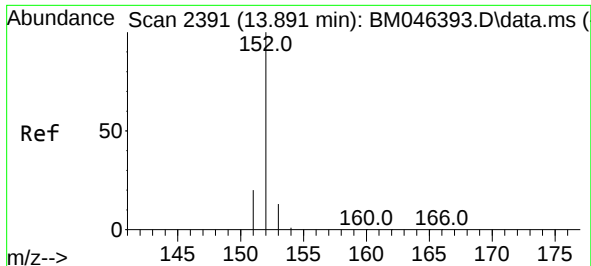
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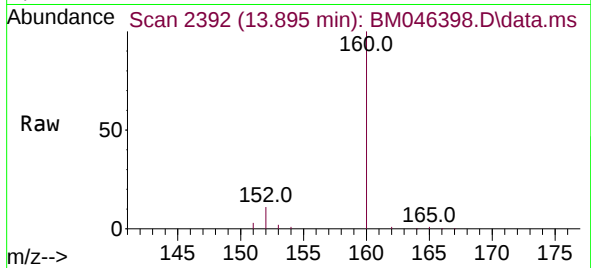
Quant Time: Jul 06 02:14:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
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#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.895 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

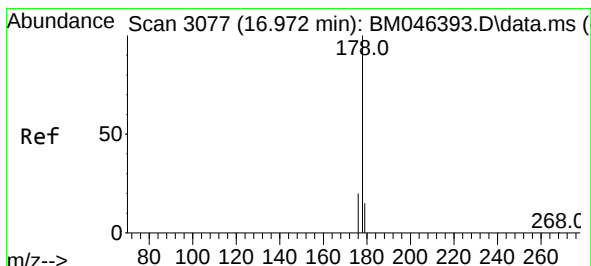
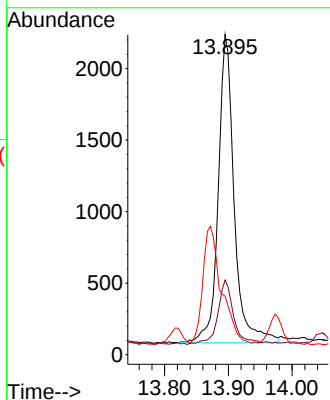
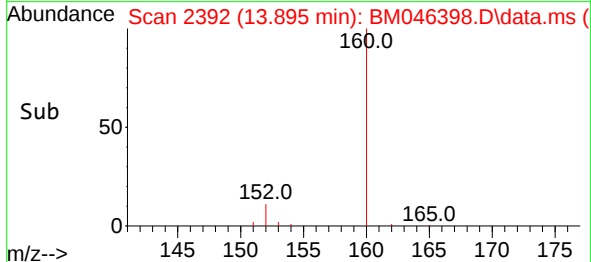
Instrument :
BNA_M
ClientSampleId :
A4BB4



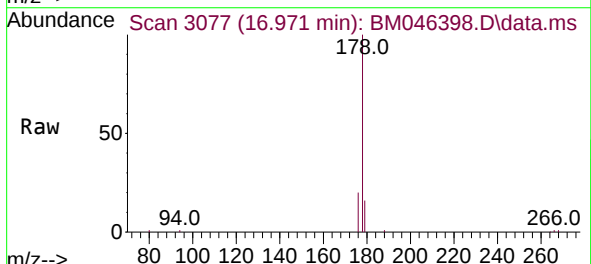
Tgt Ion:152 Resp: 374
Ion Ratio Lower Upper
152 100
151 23.3 15.9 23.9
153 18.3 11.0 16.6

Manual Integrations
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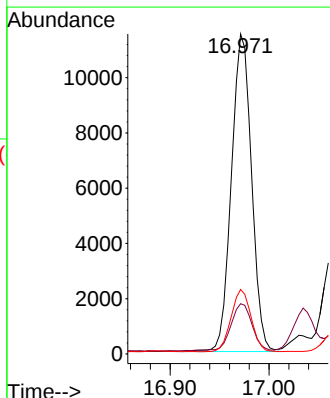
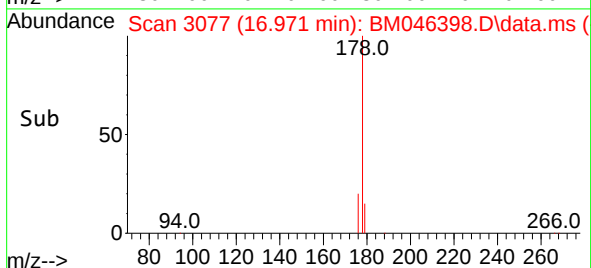
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

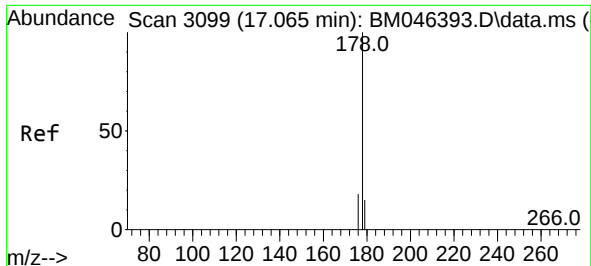


#15
Phenanthrene
Concen: 0.154 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45



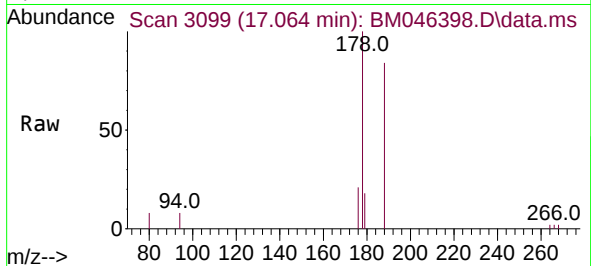
Tgt Ion:178 Resp: 16270
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 20.2 16.0 24.0





#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046398.D
 Acq: 06 Jul 2024 01:45

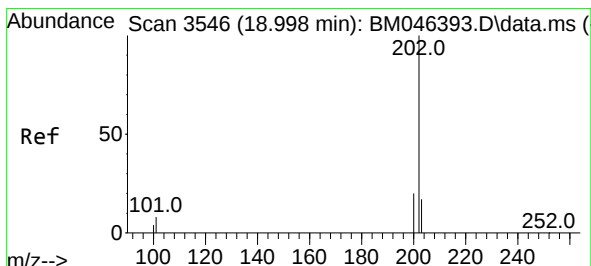
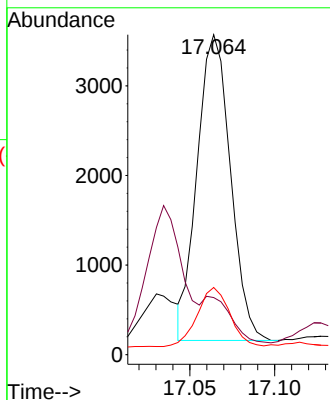
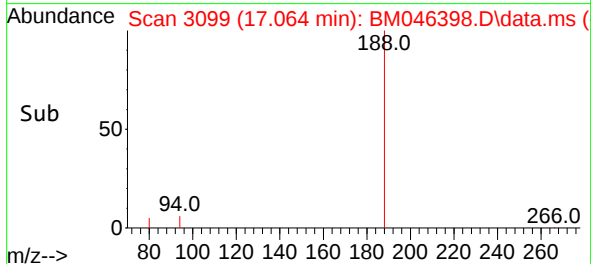
Instrument :
 BNA_M
 ClientSampleId :
 A4BB4



Tgt Ion:178 Resp: 464
 Ion Ratio Lower Upper
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 179 17.9 12.6 18.8
 176 21.0 14.9 22.3

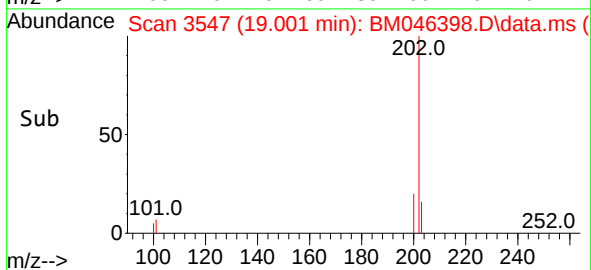
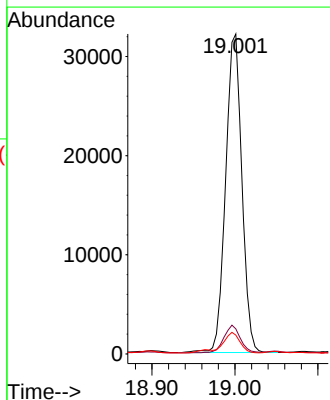
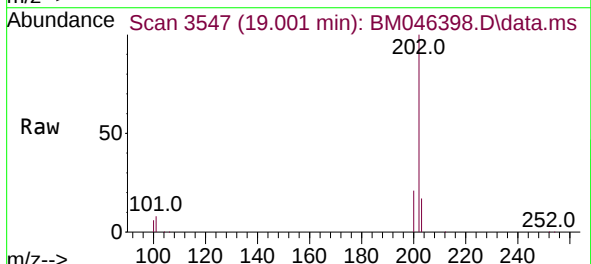
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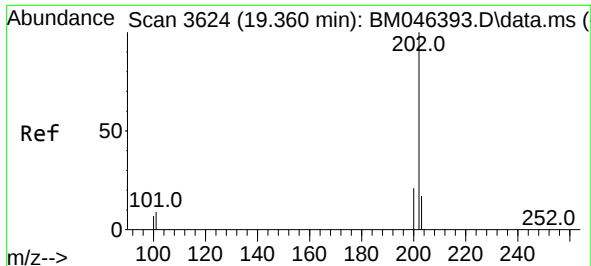
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 0.458 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.004 min
 Lab File: BM046398.D
 Acq: 06 Jul 2024 01:45

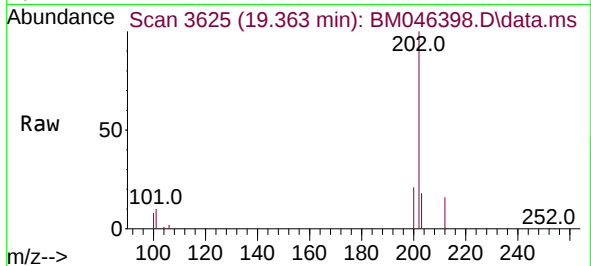
Tgt Ion:202 Resp: 43622
 Ion Ratio Lower Upper
 202 100
 101 7.8 6.3 9.5
 100 5.9 5.0 7.6





#20
Pyrene
Concen: 0.458 ng/ul m
RT: 19.363 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

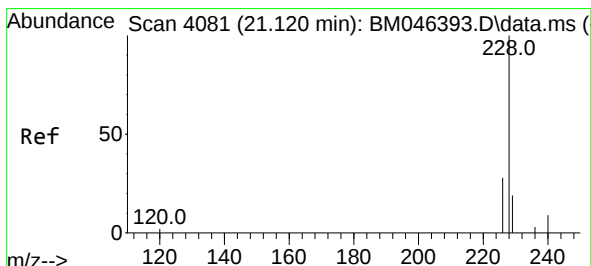
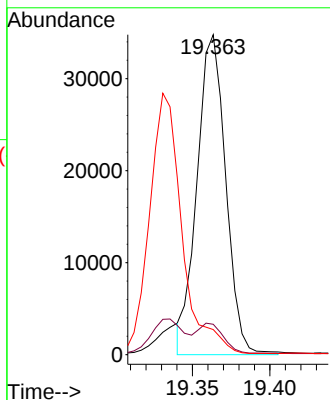
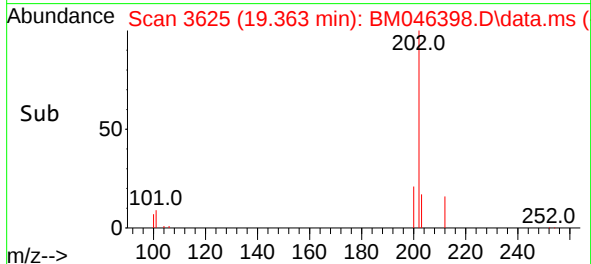
Instrument :
BNA_M
ClientSampleId :
A4BB4



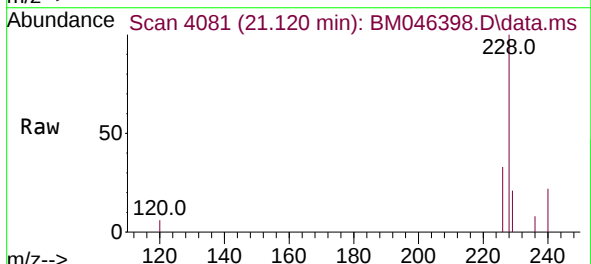
Tgt Ion:202 Resp: 44874
Ion Ratio Lower Upper
202 100
101 9.5 8.2 12.4
100 7.9 6.9 10.3

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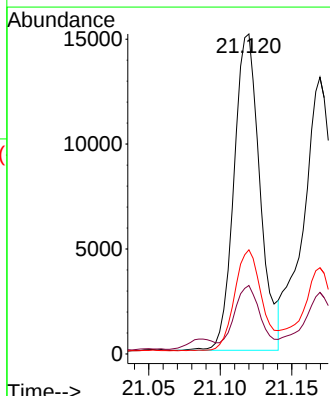
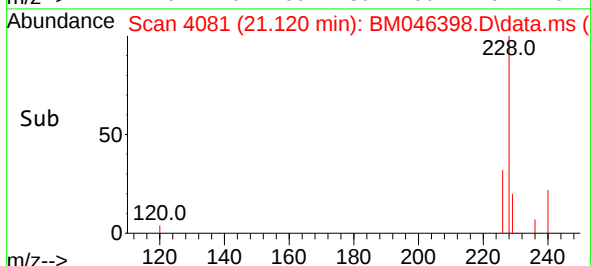
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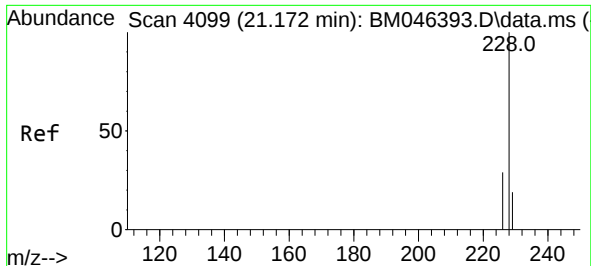


#21
Benzo(a)anthracene
Concen: 0.228 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45



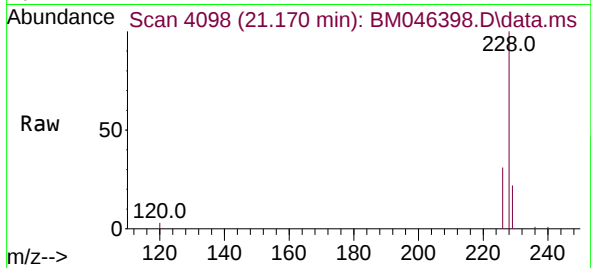
Tgt Ion:228 Resp: 19169
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 32.6 22.0 33.0





#22
Chrysene
Concen: 0.222 ng/ul
RT: 21.170 min Scan# 4099
Delta R.T. -0.009 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

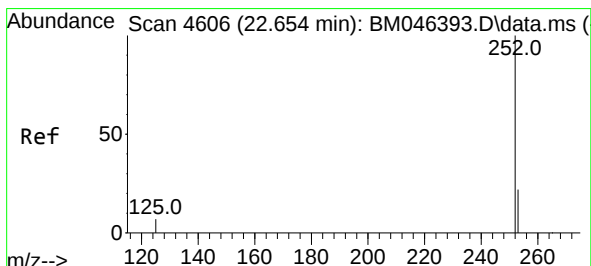
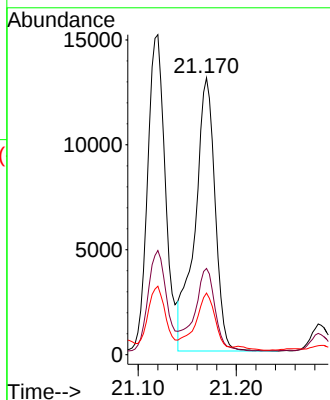
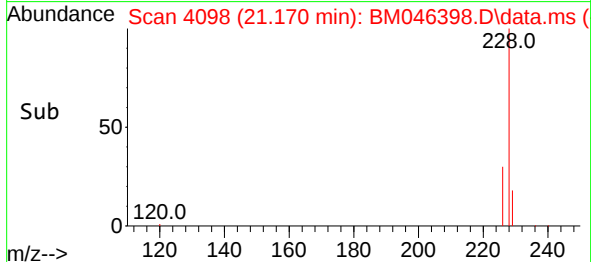
Instrument :
BNA_M
ClientSampleId :
A4BB4



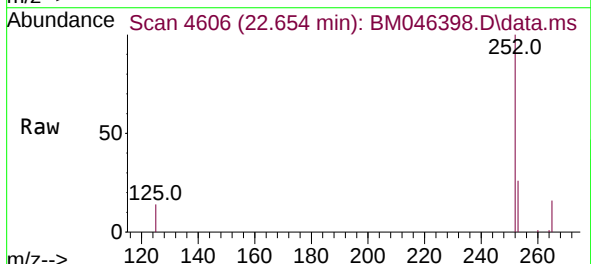
Tgt Ion:228 Resp: 1854
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.3 15.8 23.6

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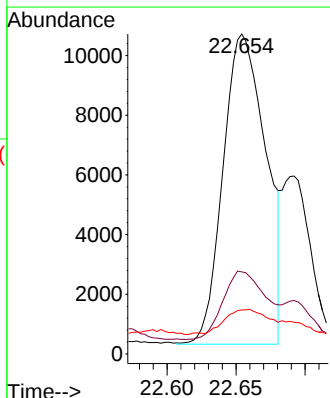
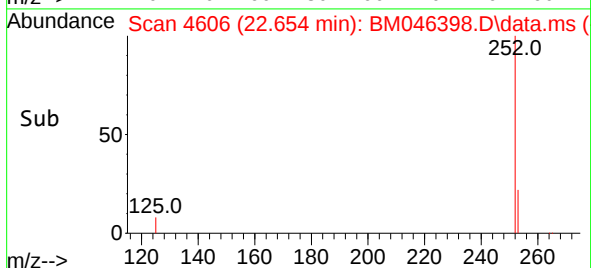
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

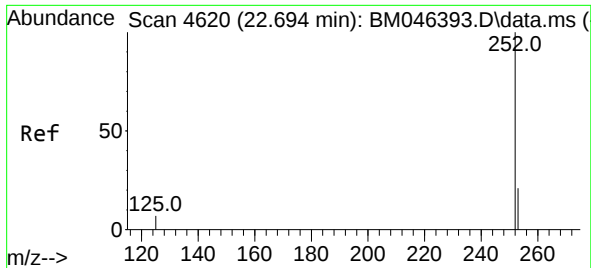


#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45



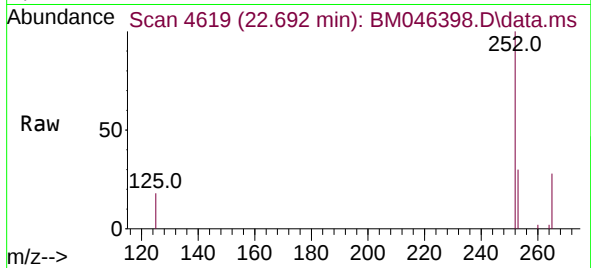
Tgt Ion:252 Resp: 22364
Ion Ratio Lower Upper
252 100
253 25.6 0.0 47.0
125 13.8 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. -0.014 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

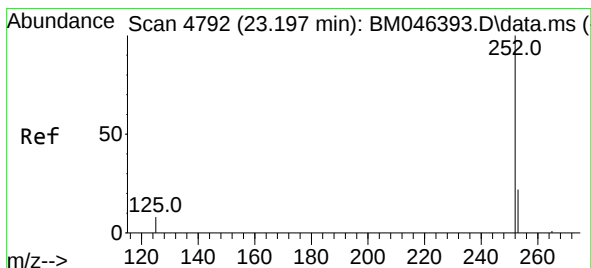
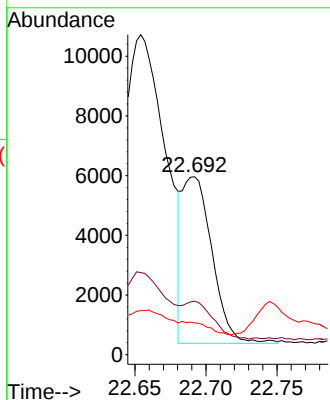
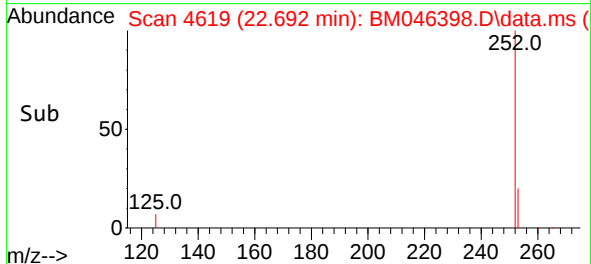
Instrument :
BNA_M
ClientSampleId :
A4BB4



Tgt Ion:252 Resp: 8170
Ion Ratio Lower Upper
252 100
253 30.0 18.4 27.6
125 17.9 7.5 11.3

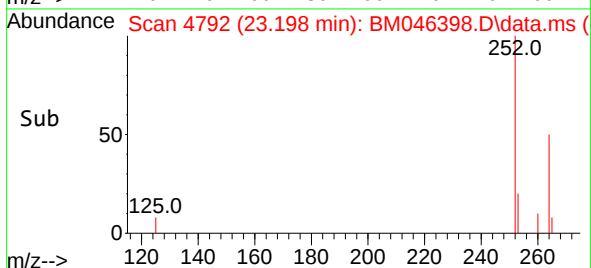
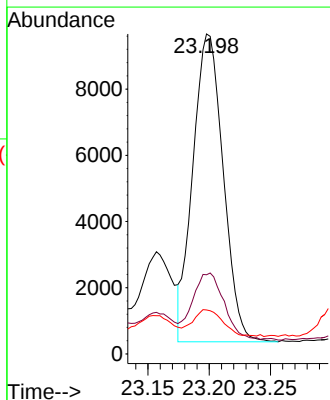
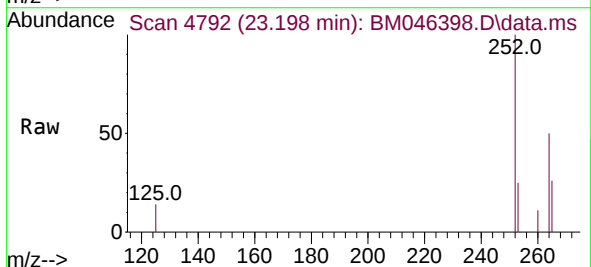
Manual Integrations
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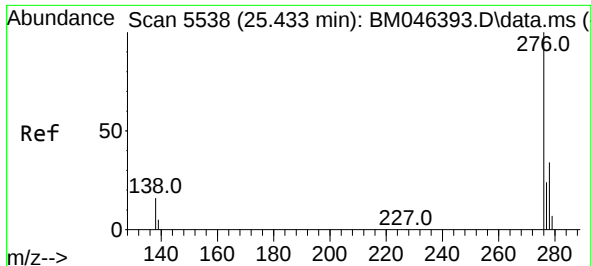
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 0.294 ng/ul
RT: 23.198 min Scan# 4792
Delta R.T. -0.011 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

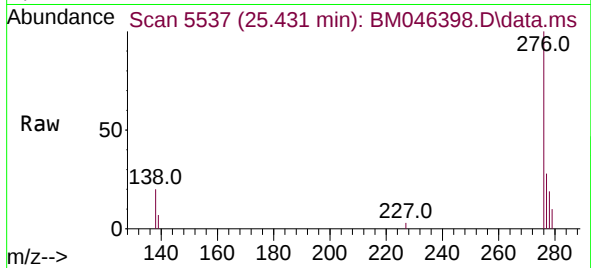
Tgt Ion:252 Resp: 15992
Ion Ratio Lower Upper
252 100
253 24.7 18.9 28.3
125 13.7 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 25.431 min Scan# 5538
Delta R.T. -0.017 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

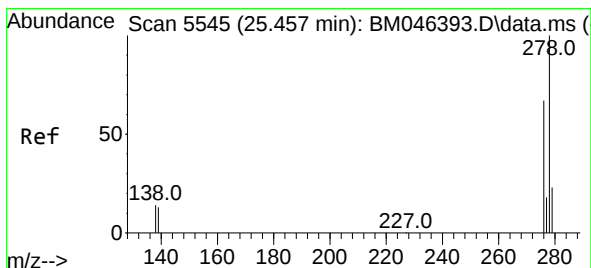
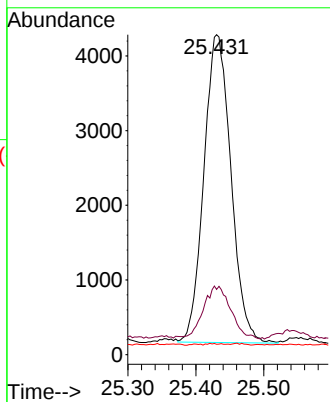
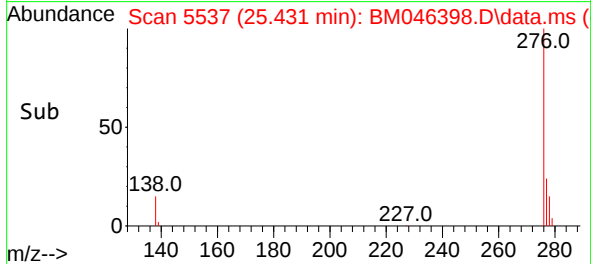
Instrument :
BNA_M
ClientSampleId :
A4BB4



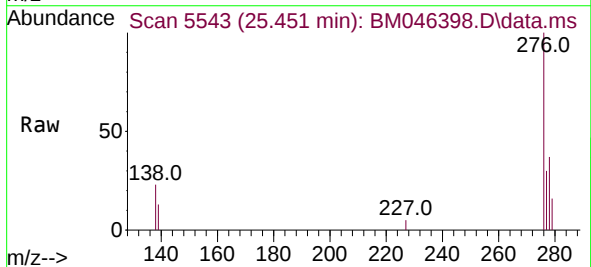
Tgt Ion:276 Resp: 11419
Ion Ratio Lower Upper
276 100
138 17.3 15.7 23.5
227 0.2 0.1 0.1

Manual Integrations
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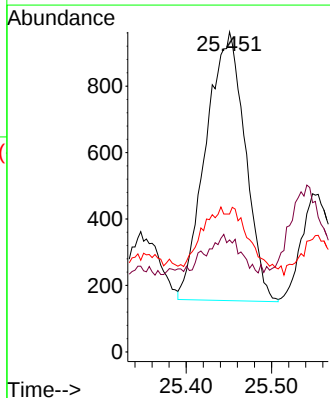
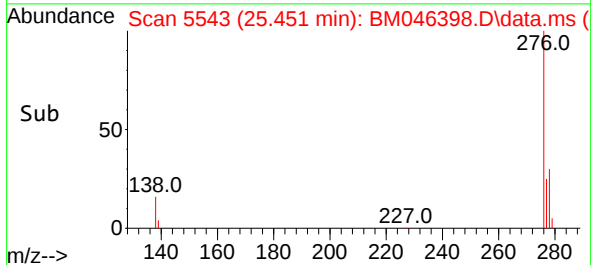
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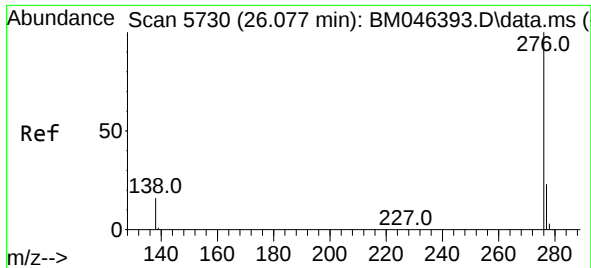


#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.451 min Scan# 5543
Delta R.T. -0.023 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45



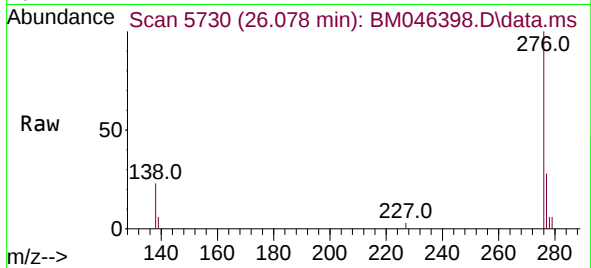
Tgt Ion:278 Resp: 2576
Ion Ratio Lower Upper
278 100
139 35.0 12.6 18.8#
279 43.1 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.196 ng/ul
RT: 26.078 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046398.D
Acq: 06 Jul 2024 01:45

Instrument :
BNA_M
ClientSampleId :
A4BB4



Tgt Ion:276 Resp: 11504
Ion Ratio Lower Upper
276 100
138 22.8 15.4 23.0
277 27.7 19.7 29.5

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