

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041060.D
 Acq On : 22 Jul 2023 18:49
 Operator : MA/JU
 Sample : 03504-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46W4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 22:37:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	3886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12754	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	7068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	18693	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	12889	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	16964	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8665	1.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	5643	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	12116	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	83241	2.386	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	26111	1.364	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	21292	1.047	ng/ul	99
10) Acenaphthylene	14.231	152	23615	0.798	ng/ul	97
11) Acenaphthene	14.574	153	109683	4.203	ng/ul	96
12) Fluorene	15.564	166	114211	4.227	ng/ul	97
15) Phenanthrene	17.308	178	1747593	31.278	ng/ul	98
16) Anthracene	17.401	178	251074	5.767	ng/ul	97
19) Fluoranthene	19.329	202	2443952	36.725	ng/ul#	93
20) Pyrene	19.692	202	1362923	20.047	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	933922	23.786	ng/ul	99
22) Chrysene	21.495	228	966619	21.535	ng/ul	98
24) Benzo(b)fluoranthene	23.120	252	1134300	17.421	ng/ul	82
25) Benzo(k)fluoranthene	23.164	252	446343m	7.215	ng/ul	
26) Benzo(a)pyrene	23.740	252	247206	4.396	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.314	276	292426	3.918	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.321	278	137833m	2.442	ng/ul	
29) Benzo(g,h,i)perylene	27.075	276	17426	0.253	ng/ul#	89

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

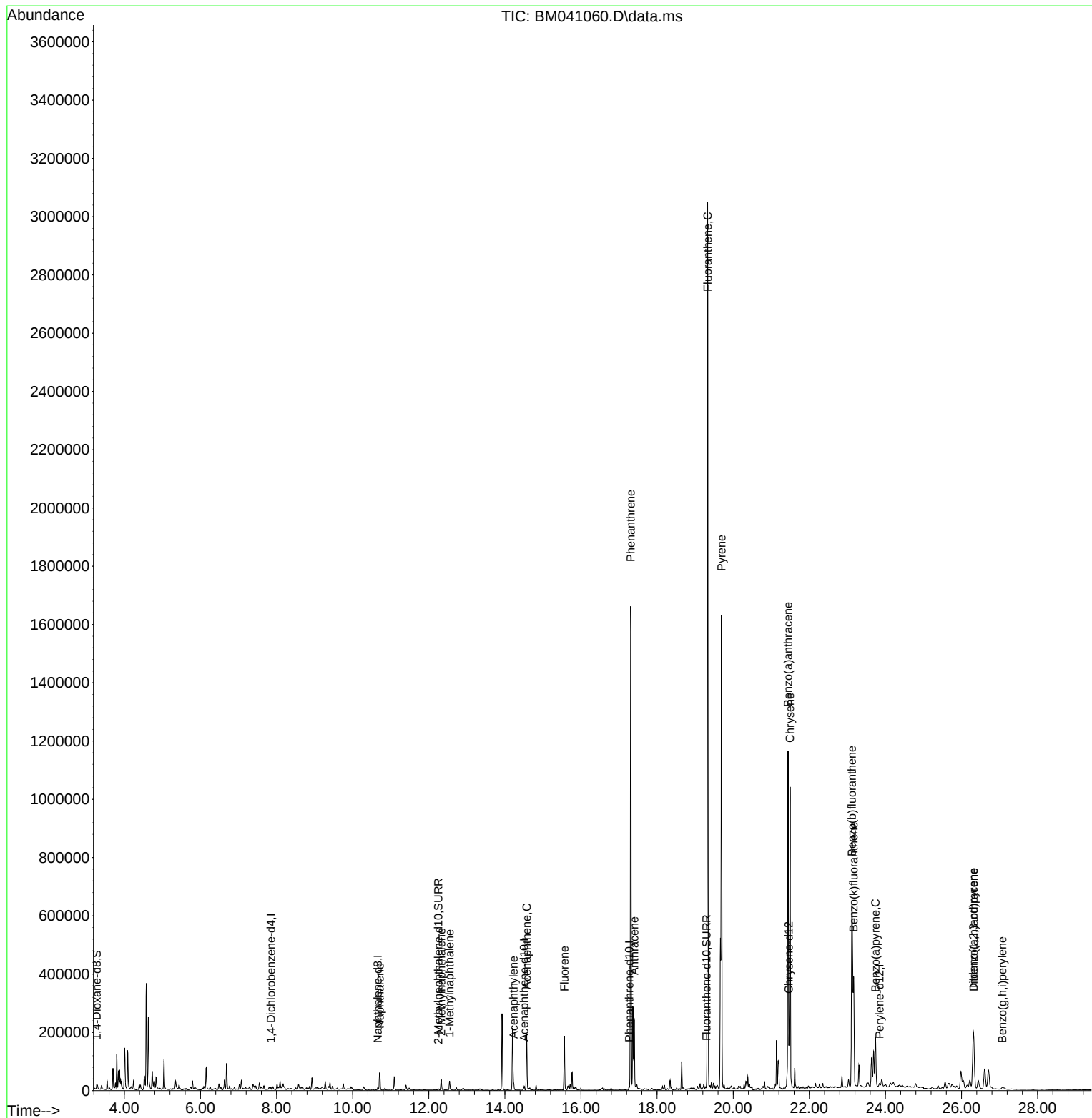
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041060.D
Acq On : 22 Jul 2023 18:49
Operator : MA/JU
Sample : 03504-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

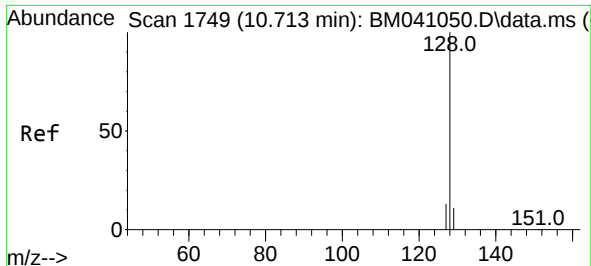
Instrument :
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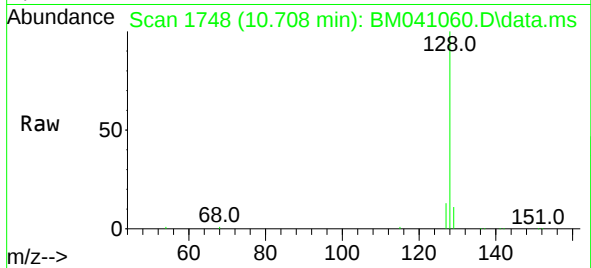
Quant Time: Jul 22 22:37:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.386 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

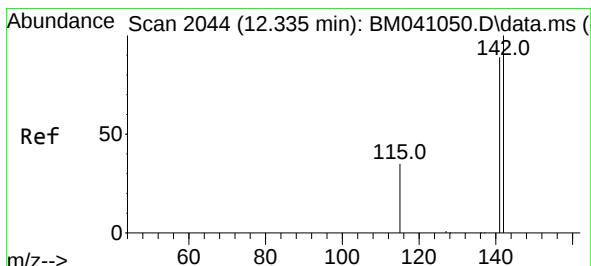
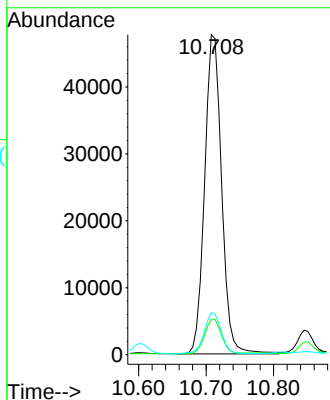
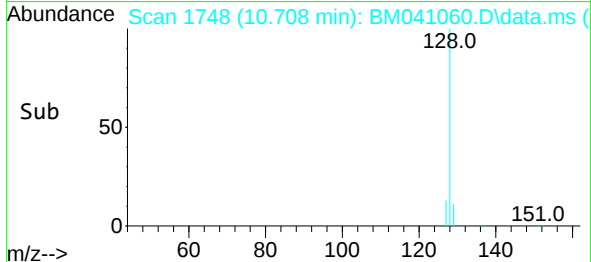
Instrument :
BNA_M
ClientSampleId :
A46W4



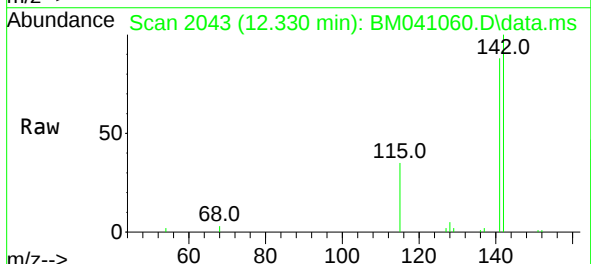
Tgt Ion:128 Resp: 8324
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.8
127 13.2 11.0 16.4

Manual Integrations
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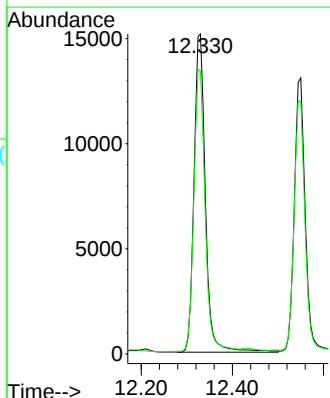
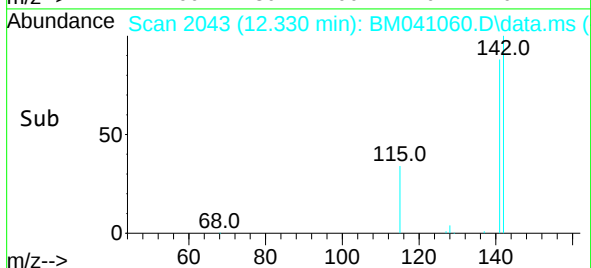
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

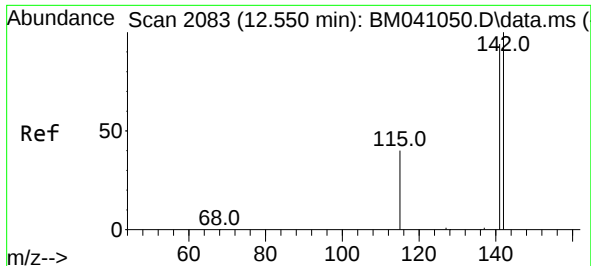


#7
2-Methylnaphthalene
Concen: 1.364 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49



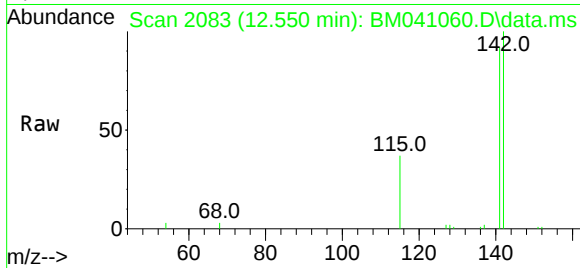
Tgt Ion:142 Resp: 26111
Ion Ratio Lower Upper
142 100
141 87.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.047 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

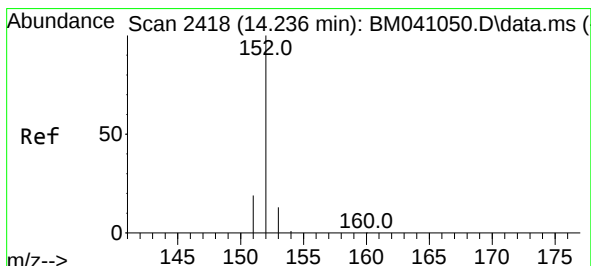
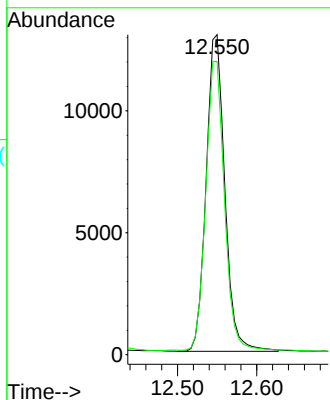
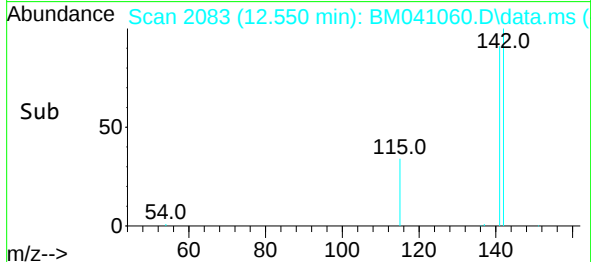
Instrument :
BNA_M
ClientSampleId :
A46W4



Tgt Ion:142 Resp: 2129
Ion Ratio Lower Upper
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141 90.7 73.4 110.2

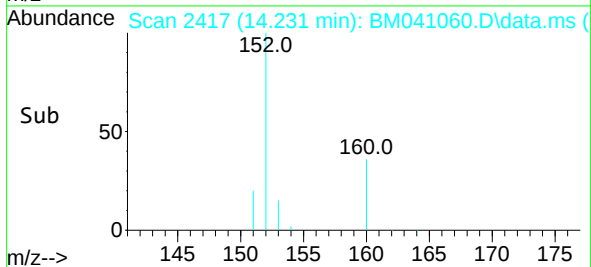
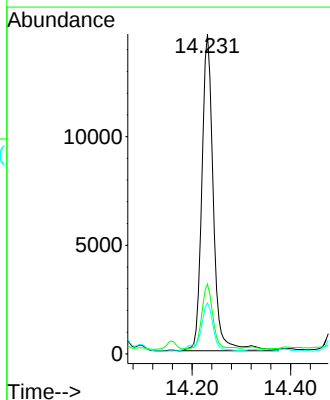
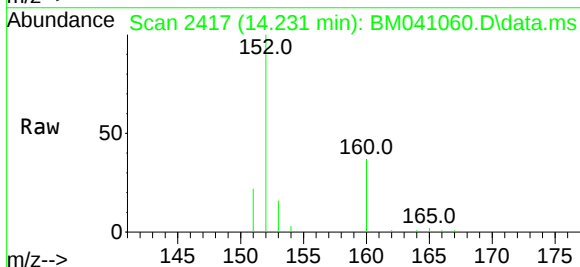
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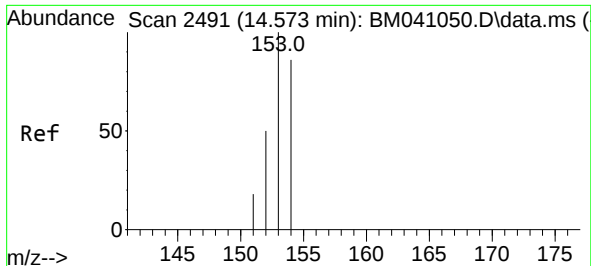
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.798 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

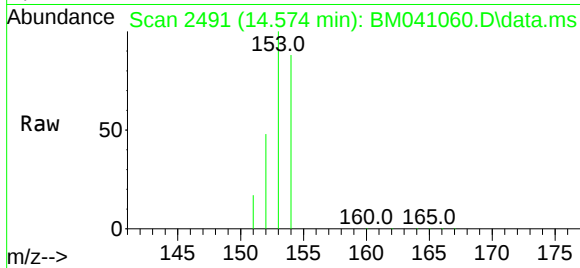
Tgt Ion:152 Resp: 23615
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2
153 16.0 11.6 17.4





#11
Acenaphthene
Concen: 4.203 ng/u1
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

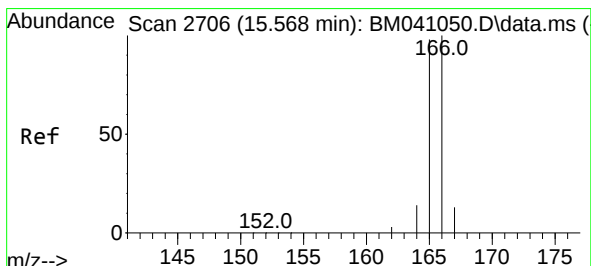
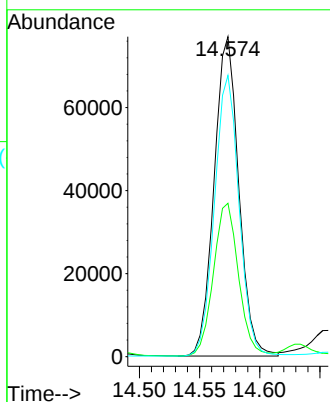
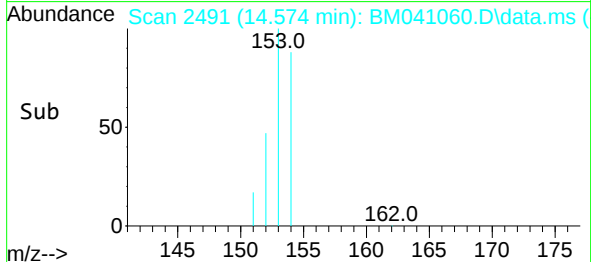
Instrument :
BNA_M
ClientSampleId :
A46W4



Tgt Ion:153 Resp: 109683
Ion Ratio Lower Upper
153 100
152 47.9 41.0 61.6
154 87.9 68.2 102.2

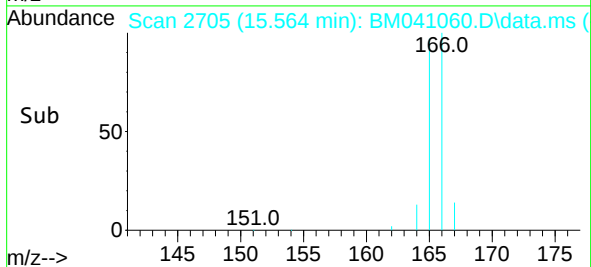
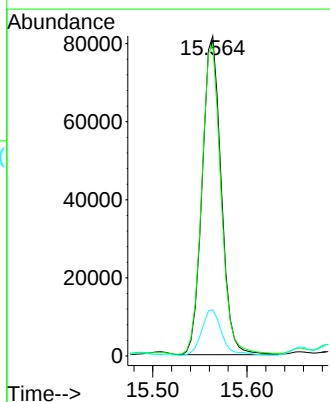
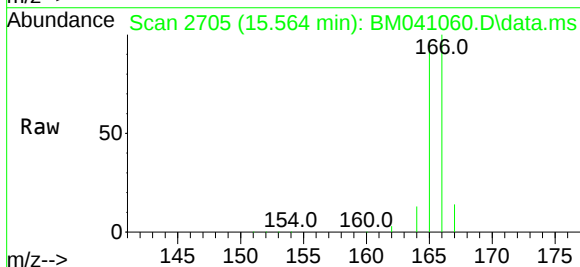
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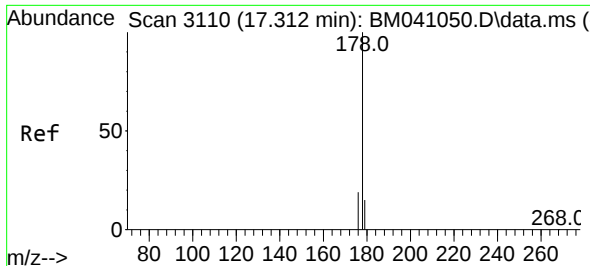
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 4.227 ng/u1
RT: 15.564 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

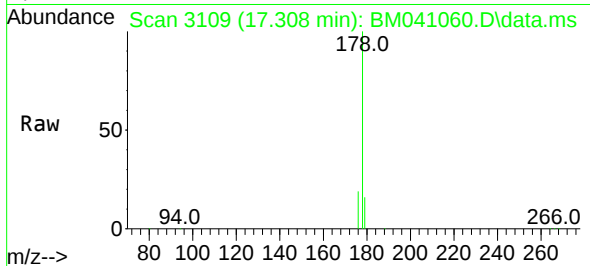
Tgt Ion:166 Resp: 114211
Ion Ratio Lower Upper
166 100
165 97.3 80.3 120.5
167 14.4 11.7 17.5





#15
Phenanthrene
Concen: 31.278 ng/ul
RT: 17.308 min Scan# 3110
Delta R.T. -0.008 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

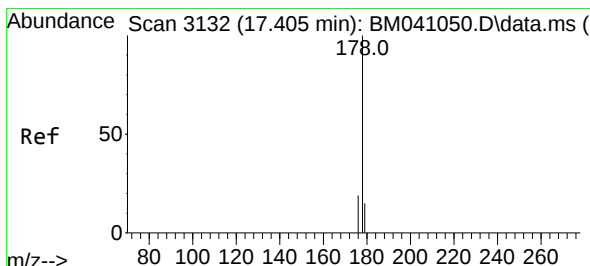
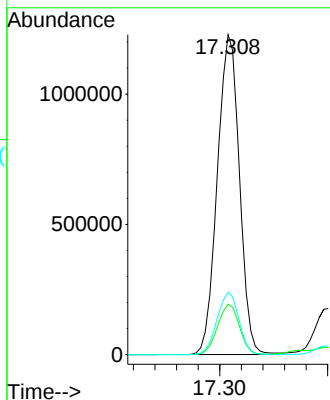
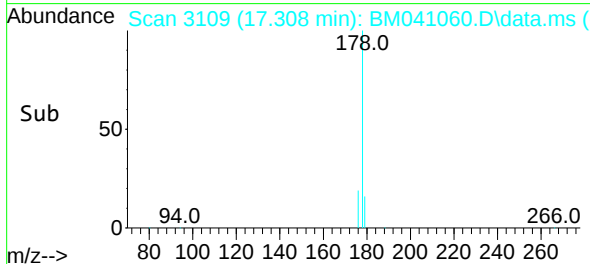
Instrument :
BNA_M
ClientSampleId :
A46W4



Tgt Ion:178 Resp: 174759
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.5 16.2 24.4

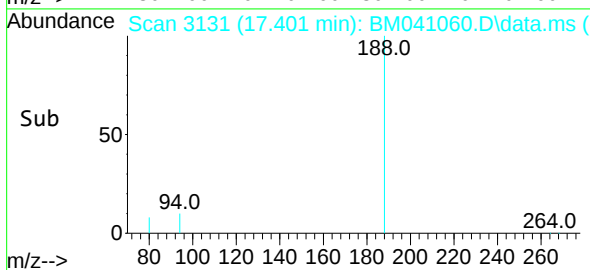
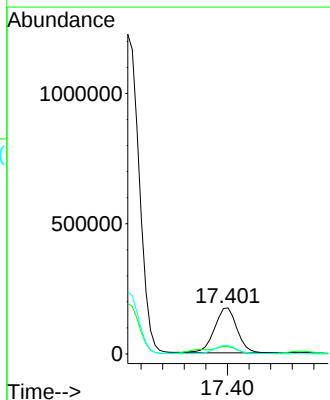
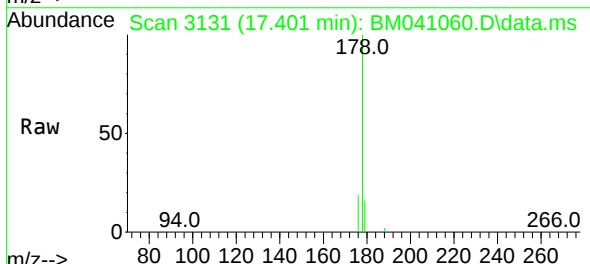
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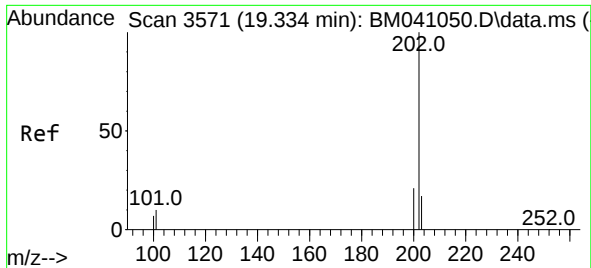
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 5.767 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.008 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

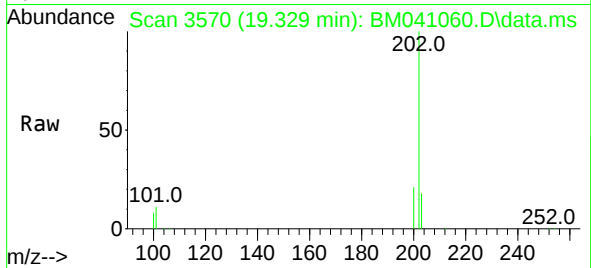
Tgt Ion:178 Resp: 251074
Ion Ratio Lower Upper
178 100
179 16.1 13.7 20.5
176 18.6 16.4 24.6





#19
Fluoranthene
Concen: 36.725 ng/ul
RT: 19.329 min Scan# 3570
Delta R.T. -0.004 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

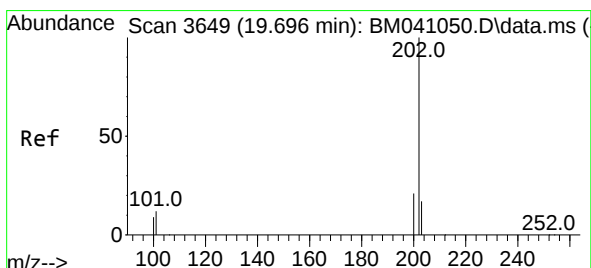
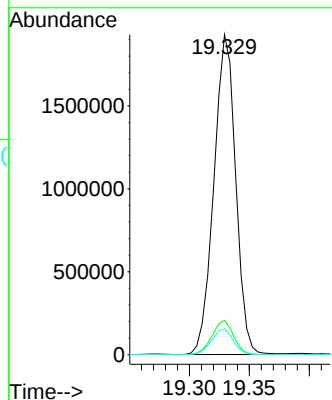
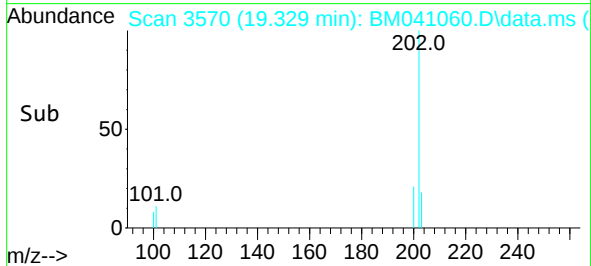
Instrument :
BNA_M
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A46W4



Tgt Ion:202 Resp: 2443952
Ion Ratio Lower Upper
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101 10.8 11.0 16.4#
100 8.1 8.3 12.5#

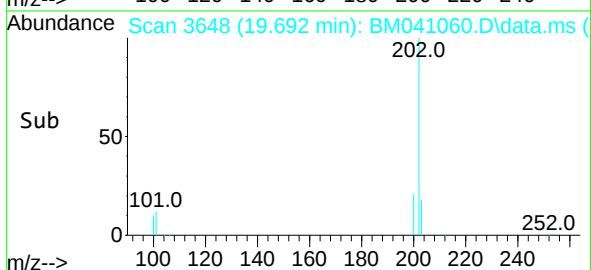
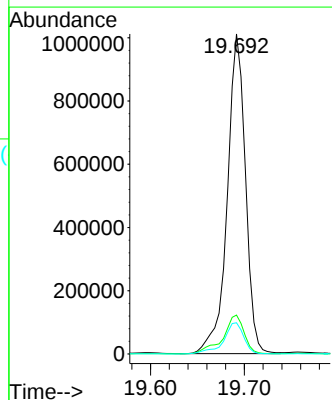
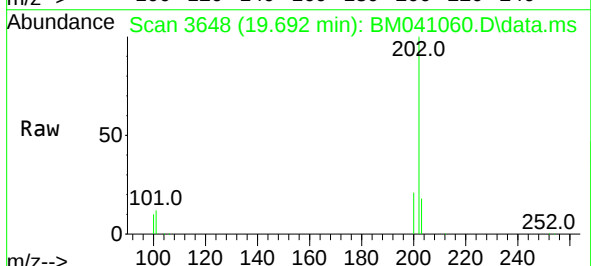
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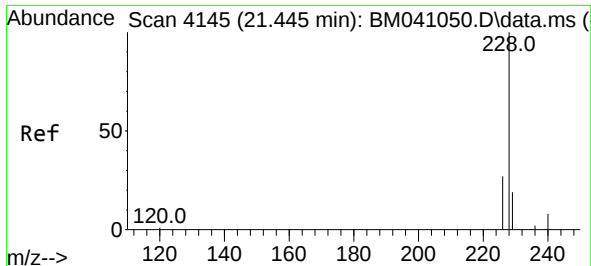
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 20.047 ng/ul
RT: 19.692 min Scan# 3648
Delta R.T. -0.004 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

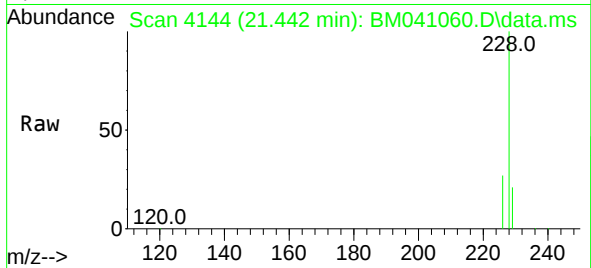
Tgt Ion:202 Resp: 1362923
Ion Ratio Lower Upper
202 100
101 12.2 12.5 18.7#
100 9.8 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 23.786 ng/ul
RT: 21.442 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

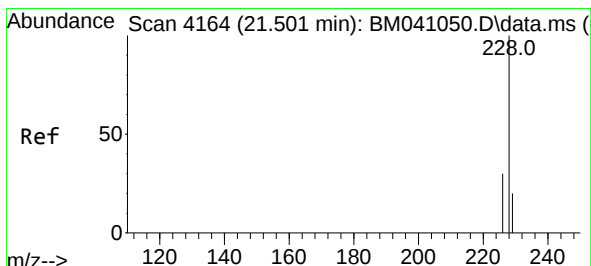
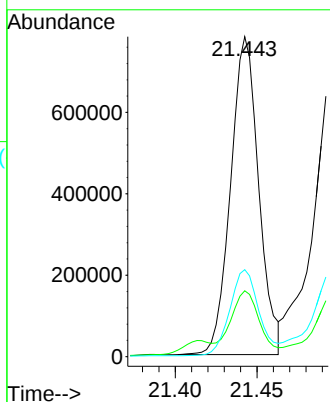
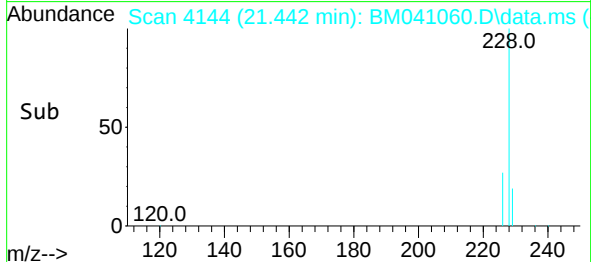
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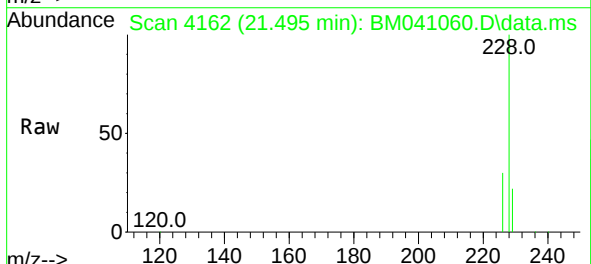
Tgt Ion:228 Resp: 93392
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.4
226 27.2 22.3 33.5

Manual Integrations
APPROVED

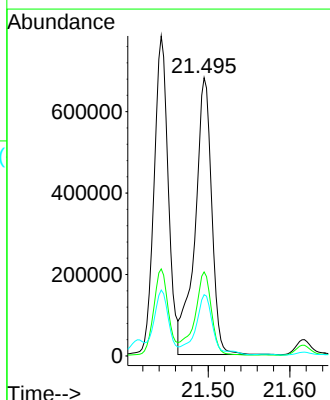
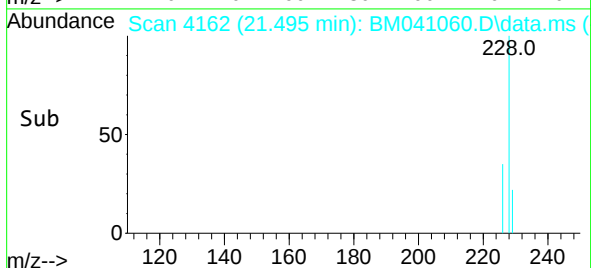
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

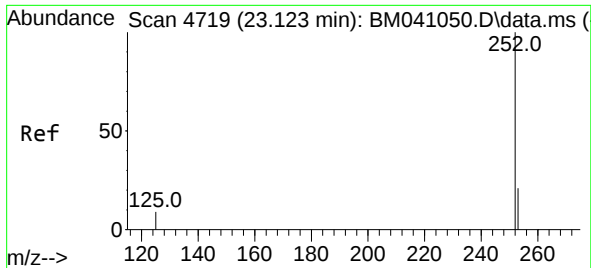


#22
Chrysene
Concen: 21.535 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49



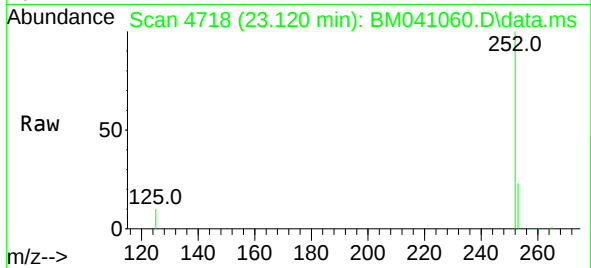
Tgt Ion:228 Resp: 966619
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 22.0 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 17.421 ng/ul
RT: 23.120 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

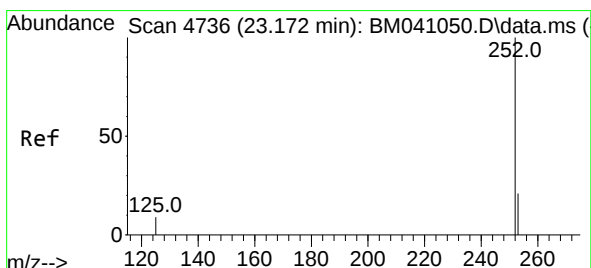
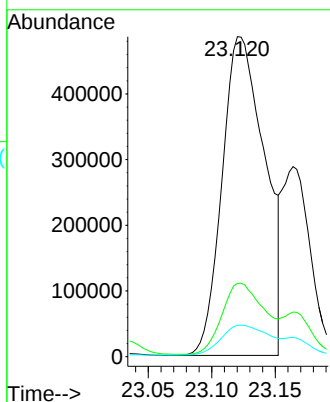
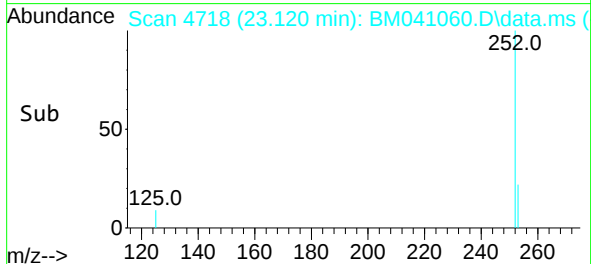
Instrument :
BNA_M
ClientSampleId :
A46W4



Tgt Ion:252 Resp: 1134300
Ion Ratio Lower Upper
252 100
253 22.9 0.0 57.4
125 9.8 0.0 45.2

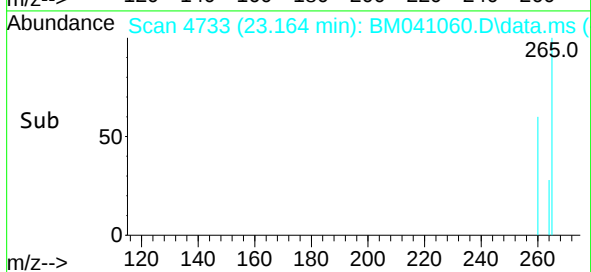
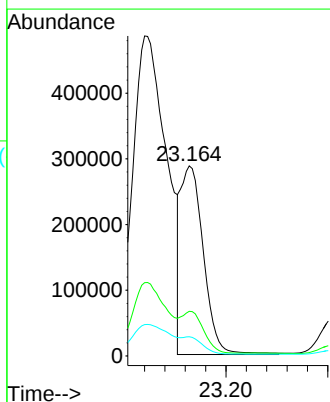
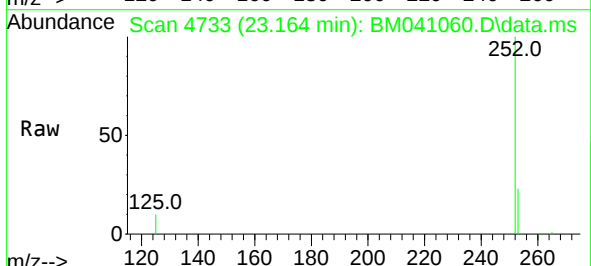
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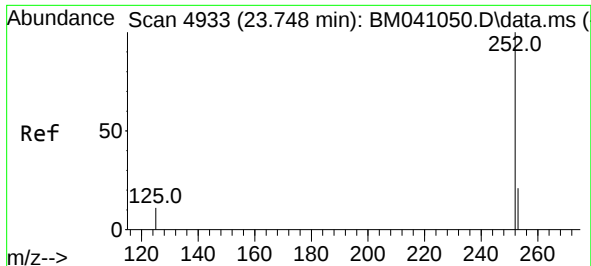
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 7.215 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

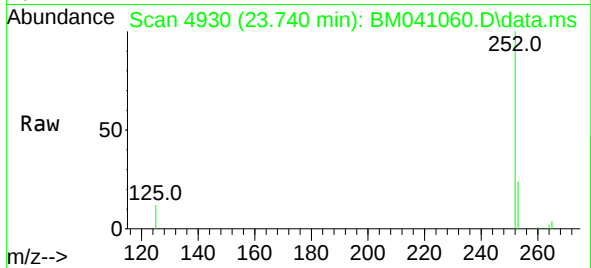
Tgt Ion:252 Resp: 446343
Ion Ratio Lower Upper
252 100
253 23.5 23.3 34.9
125 10.1 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 4.396 ng/ul
RT: 23.740 min Scan# 4933
Delta R.T. -0.009 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

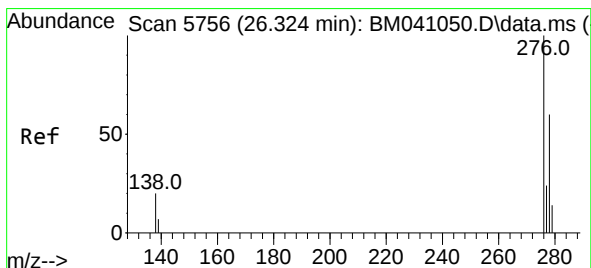
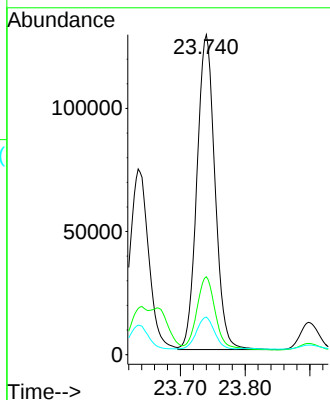
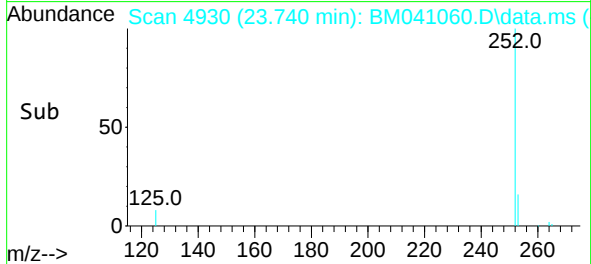
Instrument :
BNA_M
ClientSampleId :
A46W4



Tgt Ion:252 Resp: 247200
Ion Ratio Lower Upper
252 100
253 24.4 28.2 42.2#
125 11.7 25.2 37.8#

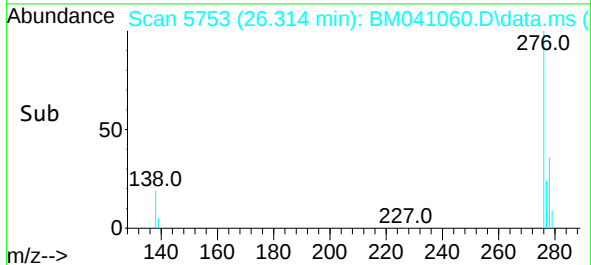
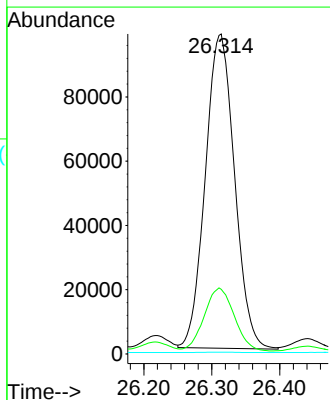
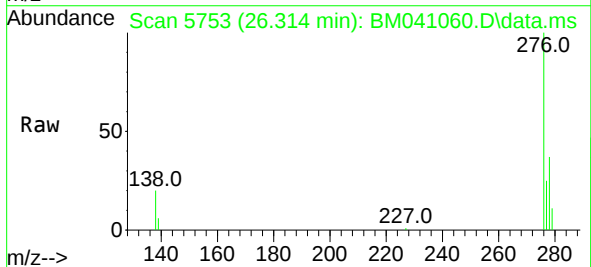
Manual Integrations
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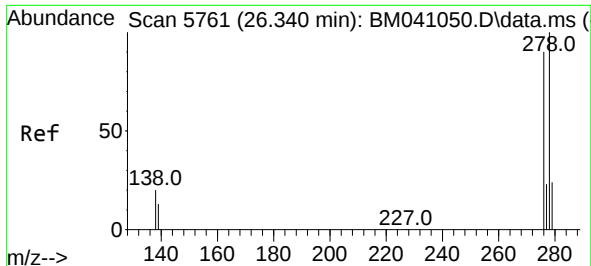
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.918 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

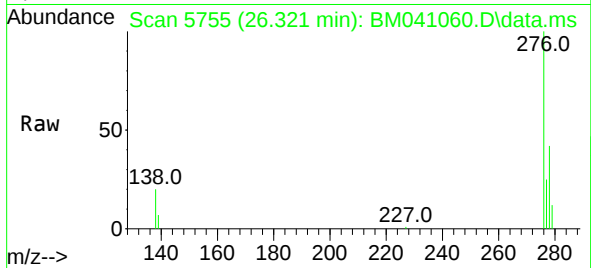
Tgt Ion:276 Resp: 292426
Ion Ratio Lower Upper
276 100
138 20.6 22.3 33.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 2.442 ng/ul m
RT: 26.321 min Scan# 5755
Delta R.T. -0.027 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

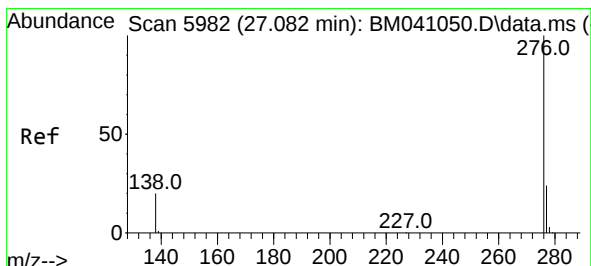
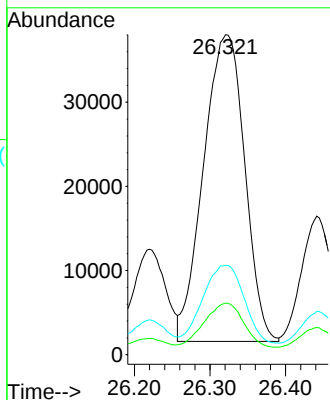
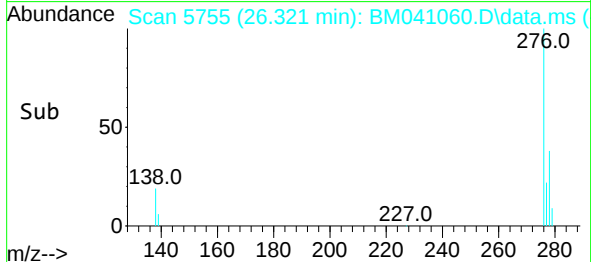
Instrument :
BNA_M
ClientSampleId :
A46W4



Tgt Ion:278 Resp: 13783
Ion Ratio Lower Upper
278 100
139 16.1 19.2 28.8
279 27.9 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 27.075 min Scan# 5980
Delta R.T. -0.010 min
Lab File: BM041060.D
Acq: 22 Jul 2023 18:49

Tgt Ion:276 Resp: 17426
Ion Ratio Lower Upper
276 100
138 30.3 22.6 34.0
277 36.6 21.2 31.8

