

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041061.D
 Acq On : 22 Jul 2023 19:26
 Operator : MA/JU
 Sample : 03504-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46W7

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 22:37:53 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	5415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	19495	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	11263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	24319	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.457	240	16137	0.400	ng/ul	# 0.00
23) Perylene-d12	23.848	264	14430	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8909	1.001	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	5762	0.222	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	11378	0.168	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.713	128	3008	0.056	ng/ul#	85
7) 2-Methylnaphthalene	12.330	142	908	0.031	ng/ul	92
8) 1-Methylnaphthalene	12.550	142	789	0.025	ng/ul	92
10) Acenaphthylene	14.231	152	6361	0.135	ng/ul	96
11) Acenaphthene	14.574	153	3489	0.084	ng/ul	97
12) Fluorene	15.564	166	5122	0.119	ng/ul	97
15) Phenanthrene	17.308	178	105417	1.450	ng/ul	98
16) Anthracene	17.396	178	13233	0.234	ng/ul	98
19) Fluoranthene	19.329	202	217071	2.605	ng/ul#	91
20) Pyrene	19.692	202	132158	1.553	ng/ul#	92
21) Benzo(a)anthracene	21.440	228	66331	1.349	ng/ul	99
22) Chrysene	21.495	228	74810	1.331	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	87721	1.584	ng/ul	87
25) Benzo(k)fluoranthene	23.164	252	30564m	0.581	ng/ul	
26) Benzo(a)pyrene	23.740	252	14565	0.304	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.314	276	28517	0.449	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.321	278	8824	0.184	ng/ul	91
29) Benzo(g,h,i)perylene	27.078	276	2052	0.035	ng/ul#	53

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

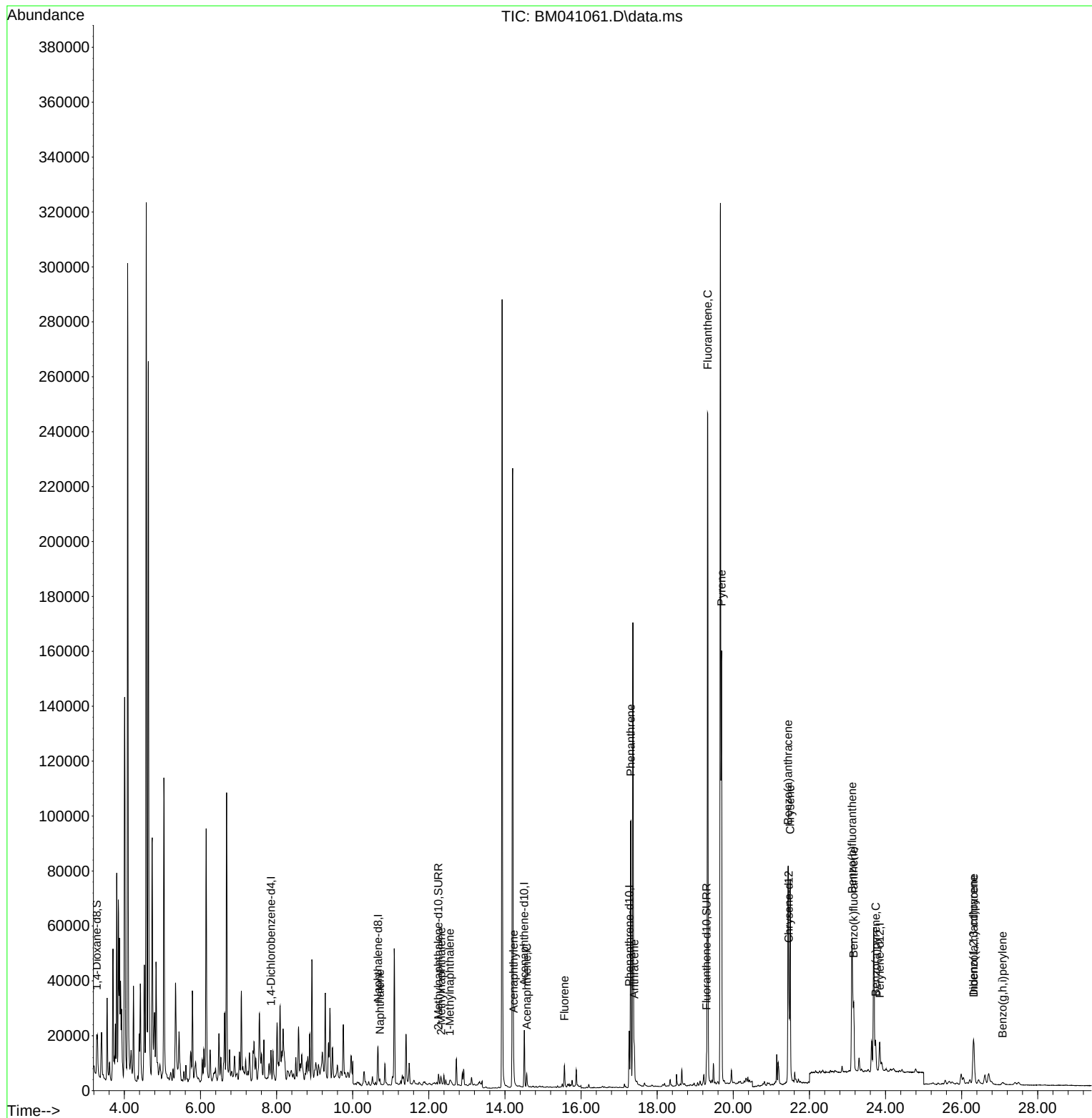
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041061.D
Acq On : 22 Jul 2023 19:26
Operator : MA/JU
Sample : 03504-09
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ALS Vial : 52 Sample Multiplier: 1

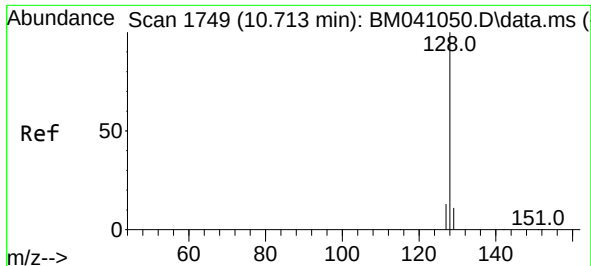
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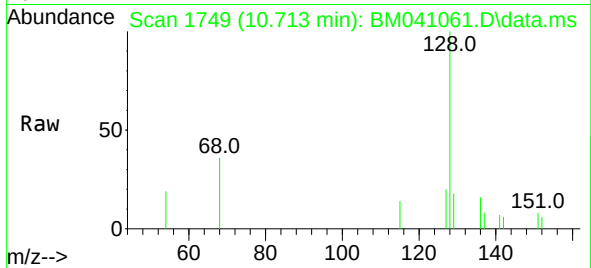
Quant Time: Jul 22 22:37:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

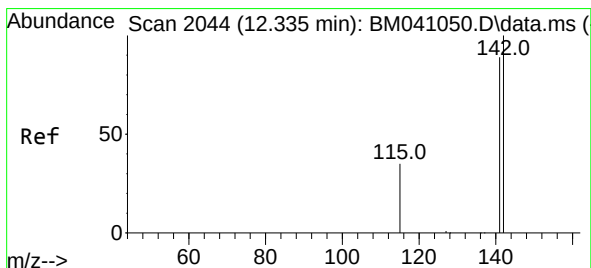
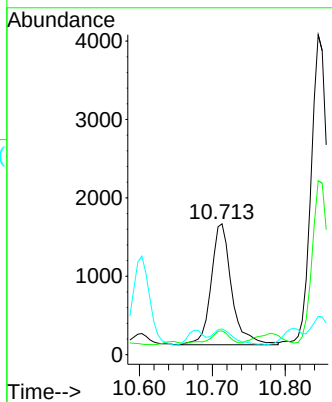
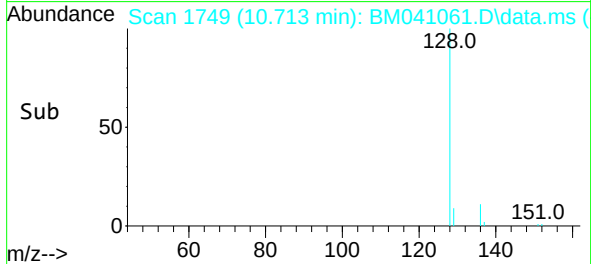
Instrument :
BNA_M
ClientSampleId :
A46W7



Tgt Ion:128 Resp: 3000
Ion Ratio Lower Upper
128 100
129 18.3 9.8 14.8
127 19.8 11.0 16.4

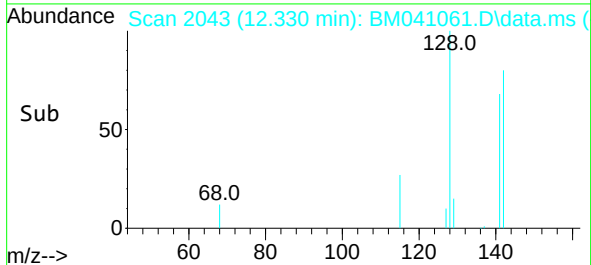
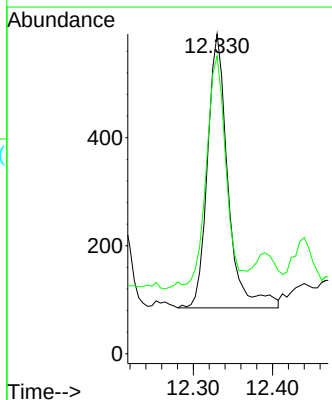
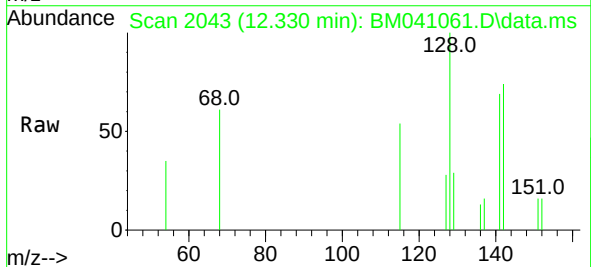
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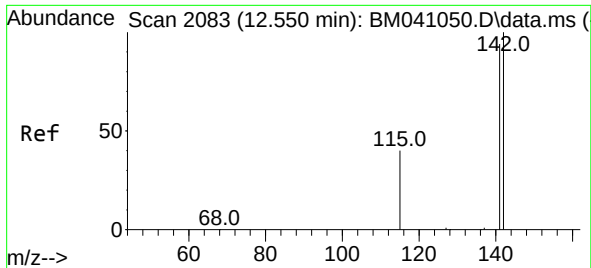
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

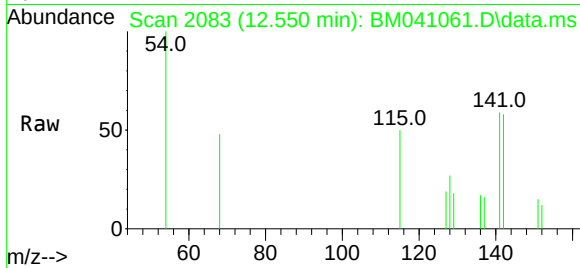
Tgt Ion:142 Resp: 908
Ion Ratio Lower Upper
142 100
141 84.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

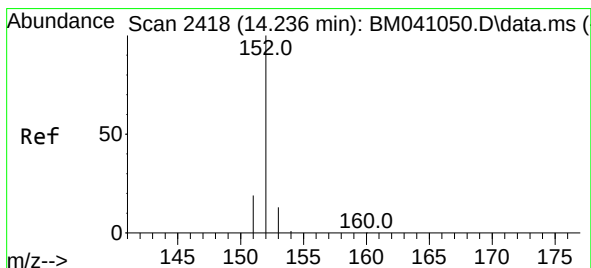
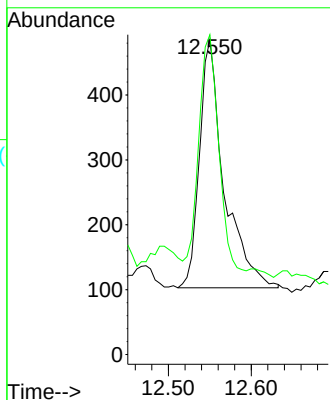
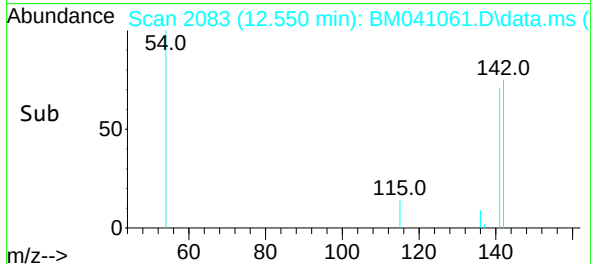
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 789
Ion Ratio Lower Upper
142 100
141 83.8 73.4 110.2

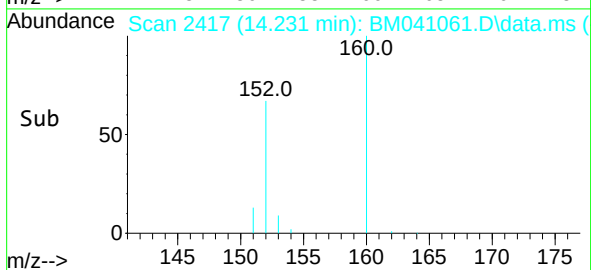
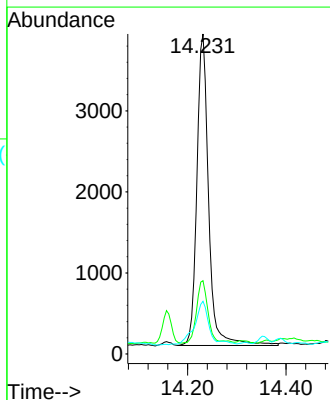
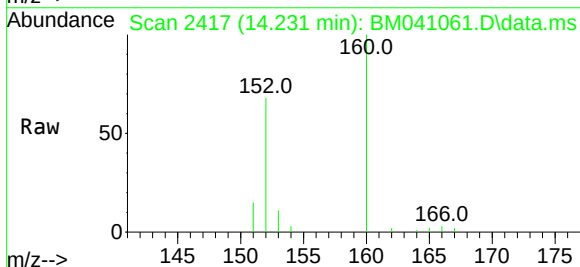
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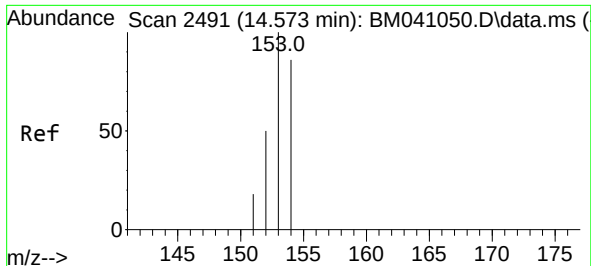
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

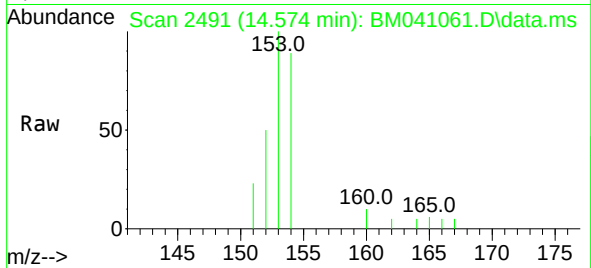
Tgt Ion:152 Resp: 6361
Ion Ratio Lower Upper
152 100
151 22.9 16.8 25.2
153 16.5 11.6 17.4





#11
Acenaphthene
Concen: 0.084 ng/u1
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

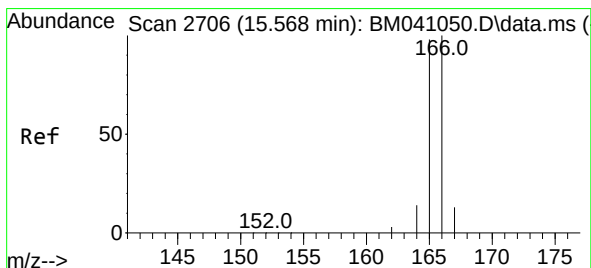
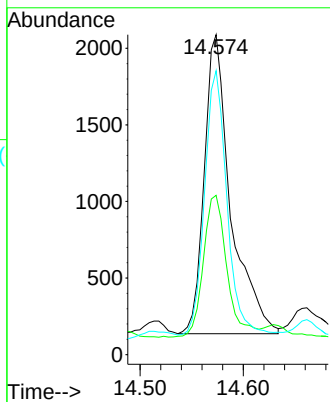
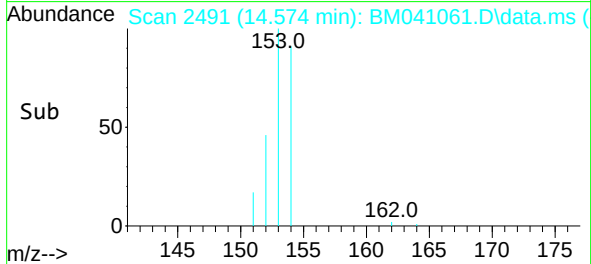
Instrument :
BNA_M
ClientSampleId :
A46W7



Tgt Ion:153 Resp: 3489
Ion Ratio Lower Upper
153 100
152 49.8 41.0 61.6
154 88.8 68.2 102.2

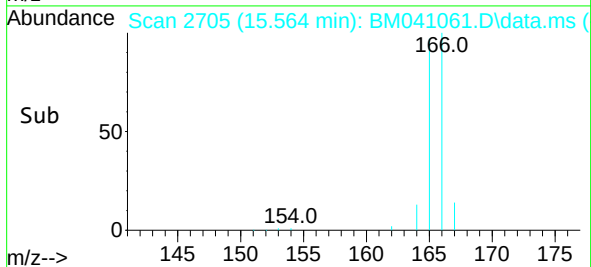
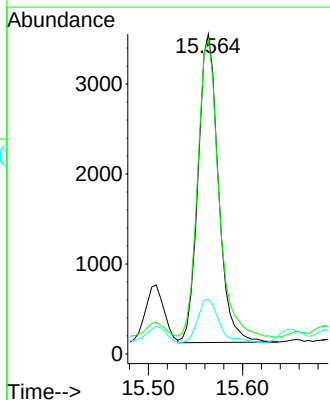
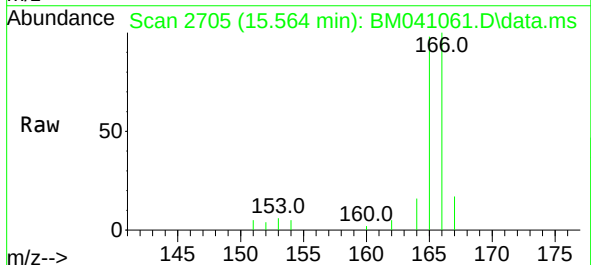
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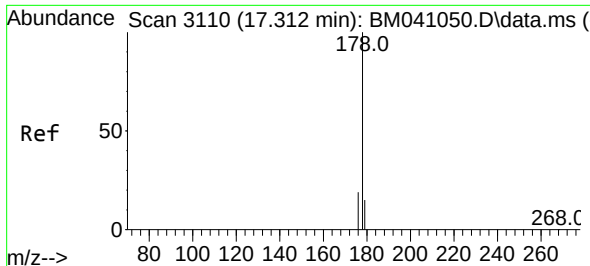
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.119 ng/u1
RT: 15.564 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

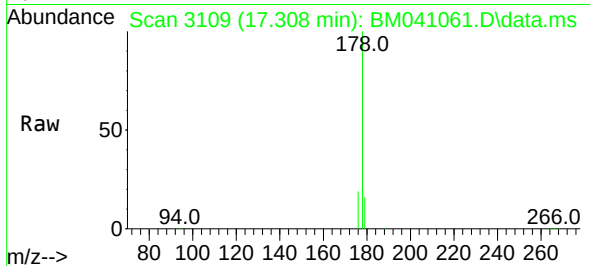
Tgt Ion:166 Resp: 5122
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 17.1 11.7 17.5





#15
Phenanthrene
Concen: 1.450 ng/ul
RT: 17.308 min Scan# 3110
Delta R.T. -0.008 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

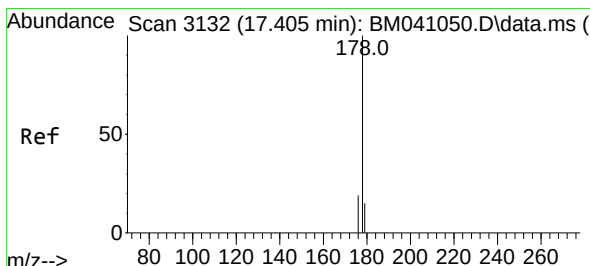
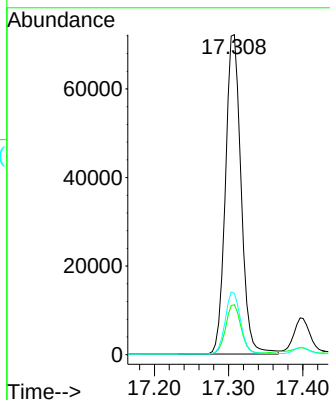
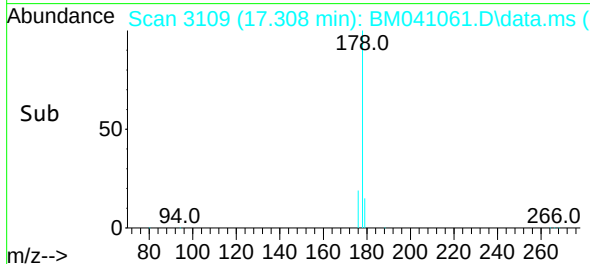
Instrument :
BNA_M
ClientSampleId :
A46W7



Tgt Ion:178 Resp: 10541
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.2 16.2 24.4

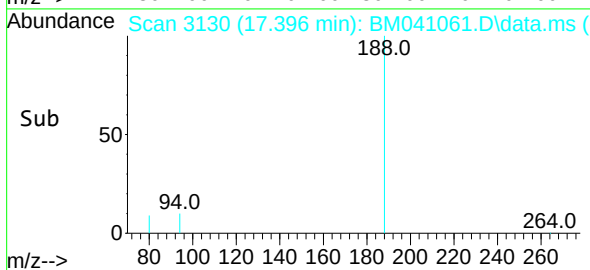
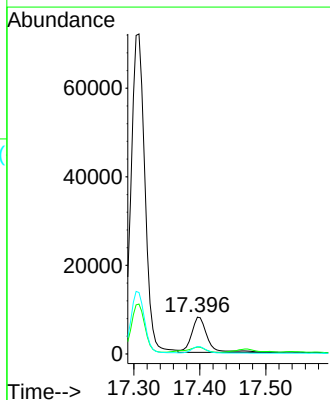
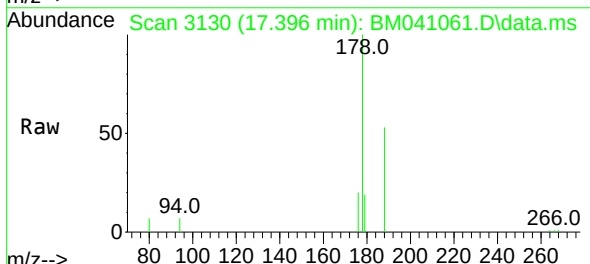
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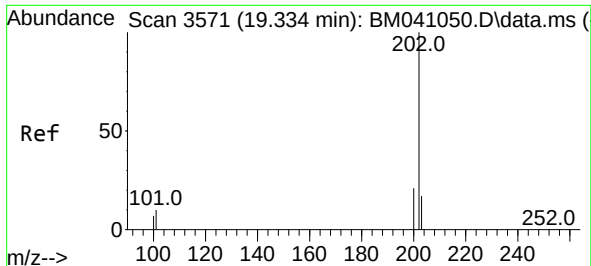
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.234 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

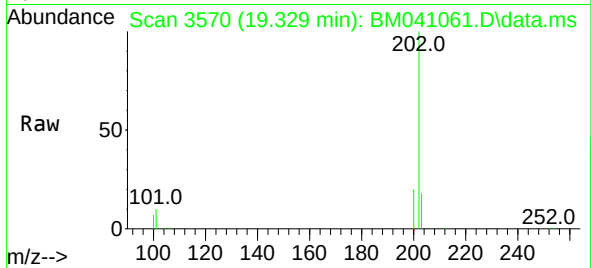
Tgt Ion:178 Resp: 13233
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 20.1 16.4 24.6





#19
Fluoranthene
Concen: 2.605 ng/u1
RT: 19.329 min Scan# 3570
Delta R.T. -0.004 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

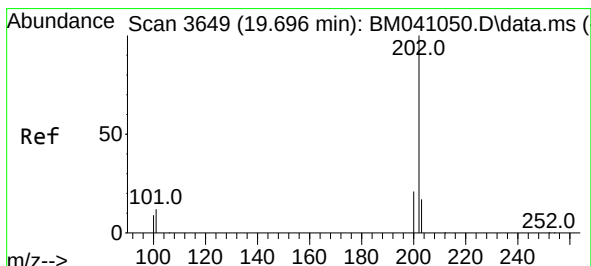
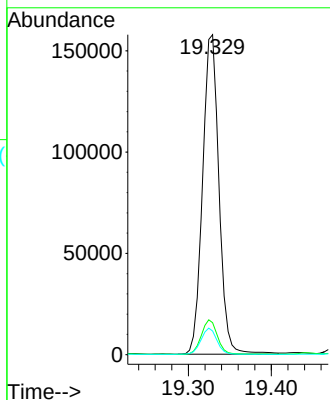
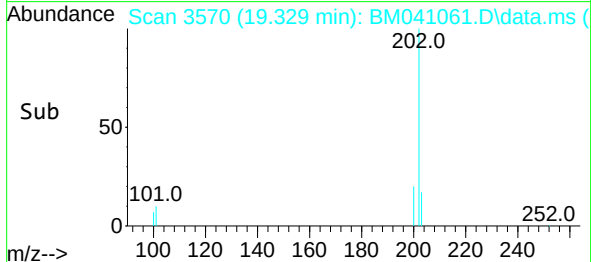
Instrument :
BNA_M
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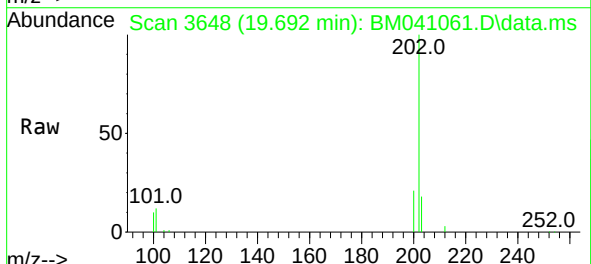
Tgt Ion:202 Resp: 21707
Ion Ratio Lower Upper
202 100
101 10.0 11.0 16.4#
100 7.4 8.3 12.5#

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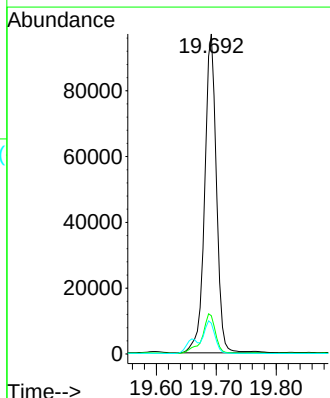
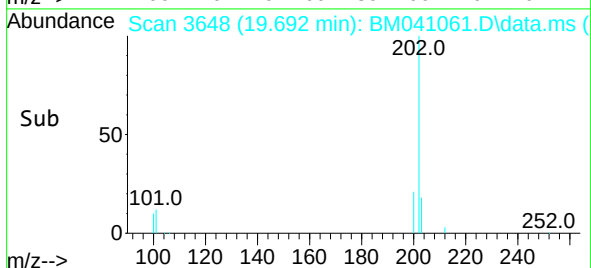
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

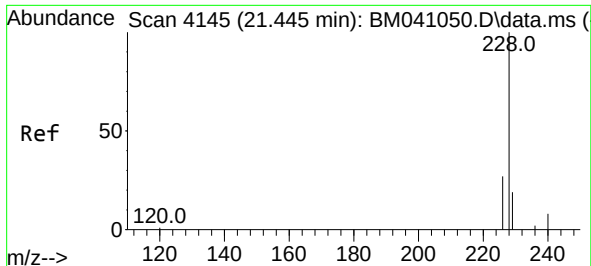


#20
Pyrene
Concen: 1.553 ng/u1
RT: 19.692 min Scan# 3648
Delta R.T. -0.004 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26



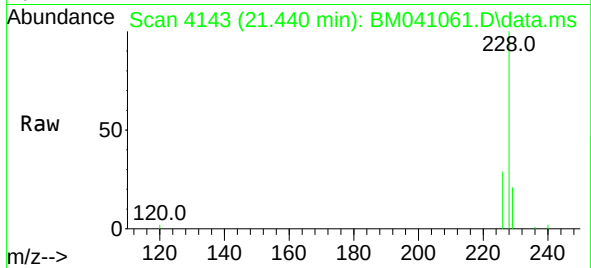
Tgt Ion:202 Resp: 132158
Ion Ratio Lower Upper
202 100
101 12.0 12.5 18.7#
100 9.6 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 1.349 ng/uI
RT: 21.440 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

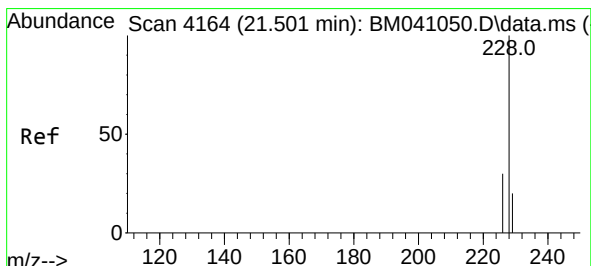
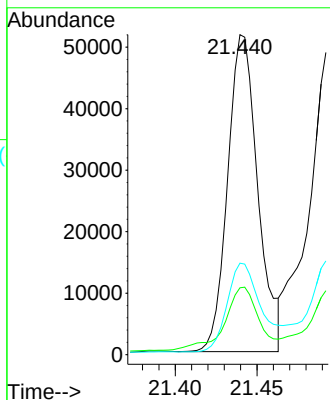
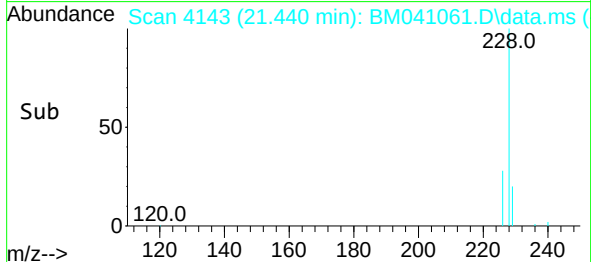
Instrument :
BNA_M
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A46W7



Tgt Ion:228 Resp: 6633
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.4
226 28.6 22.3 33.5

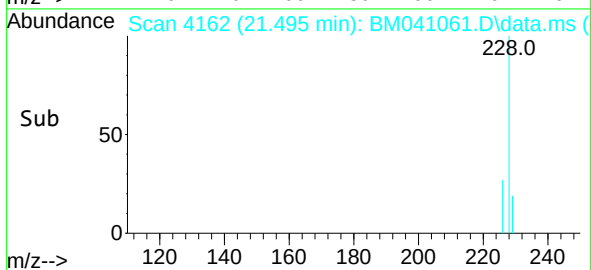
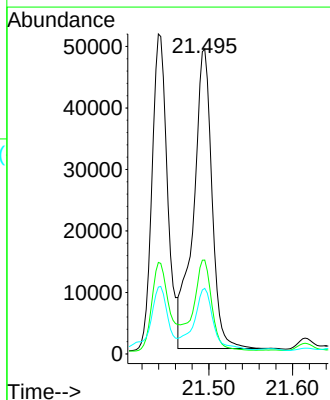
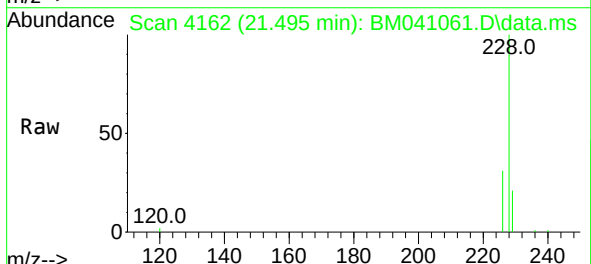
Manual Integrations
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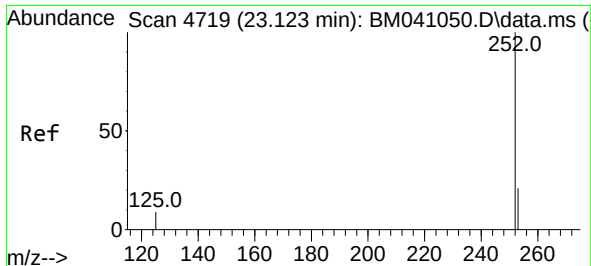
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.331 ng/uI
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

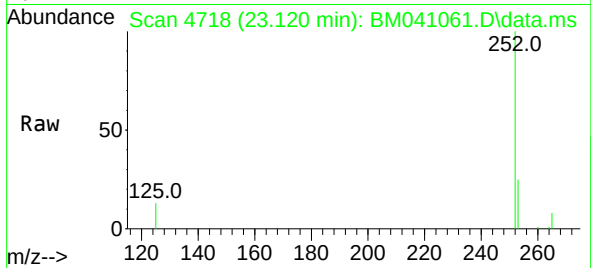
Tgt Ion:228 Resp: 74810
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.5 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 1.584 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. -0.006 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

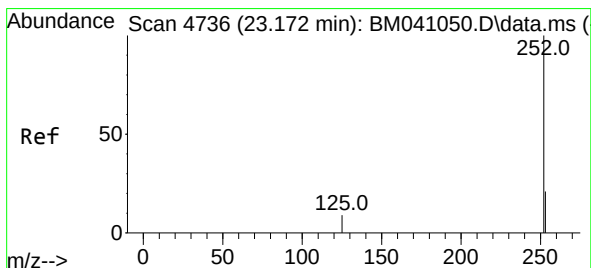
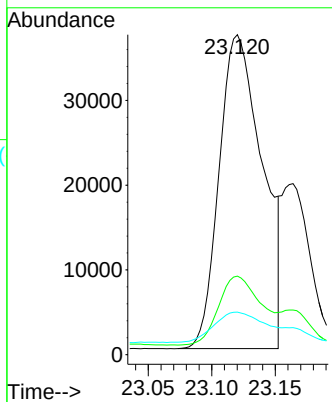
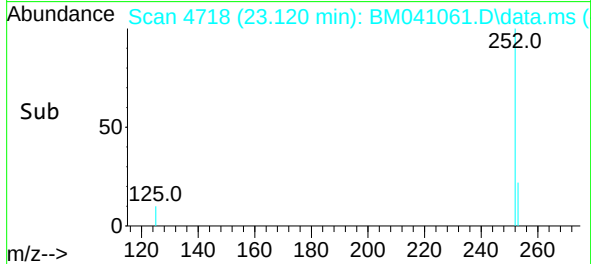
Instrument :
BNA_M
ClientSampleId :
A46W7



Tgt Ion:252 Resp: 8772
Ion Ratio Lower Upper
252 100
253 24.5 0.0 57.4
125 13.3 0.0 45.2

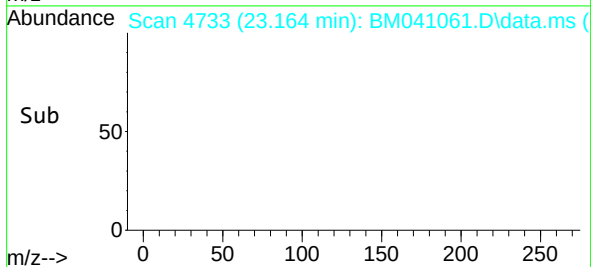
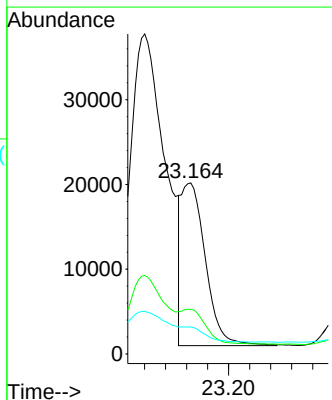
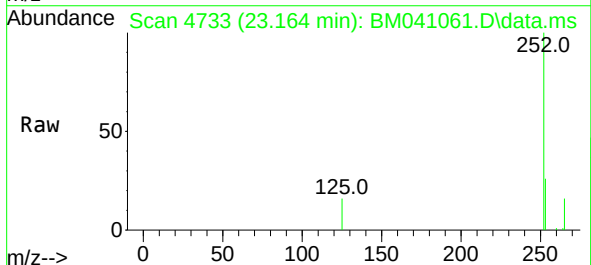
Manual Integrations
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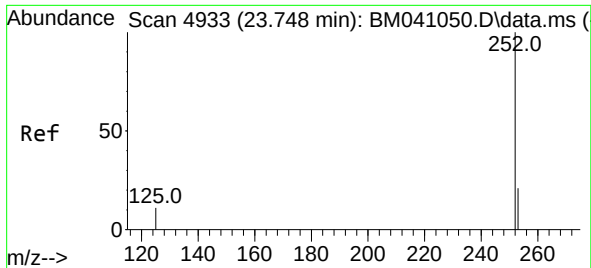
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.581 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

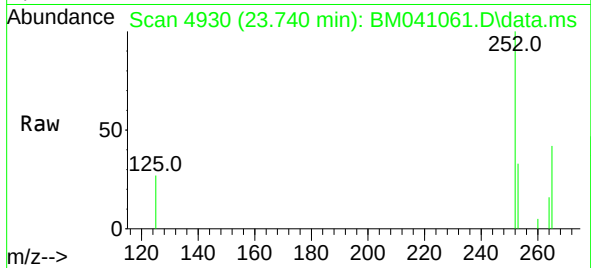
Tgt Ion:252 Resp: 30564
Ion Ratio Lower Upper
252 100
253 26.1 23.3 34.9
125 15.8 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.740 min Scan# 4933
Delta R.T. -0.009 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

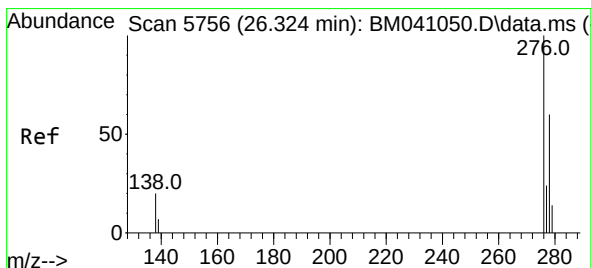
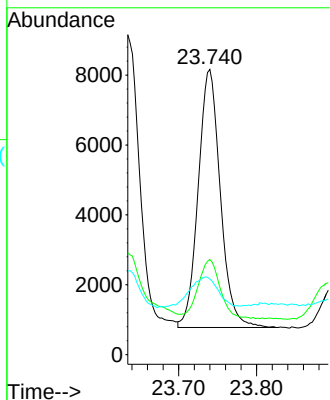
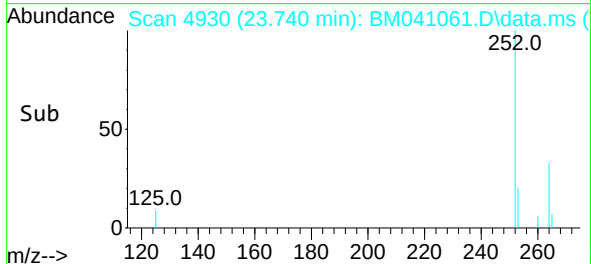
Instrument :
BNA_M
ClientSampleId :
A46W7



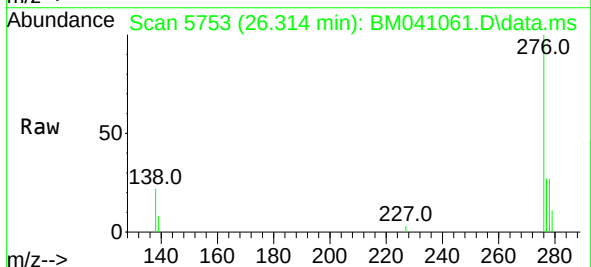
Tgt Ion:252 Resp: 1456
Ion Ratio Lower Upper
252 100
253 33.4 28.2 42.2
125 26.5 25.2 37.8

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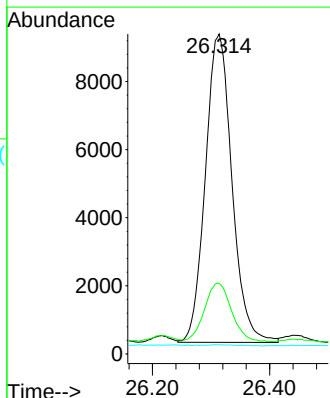
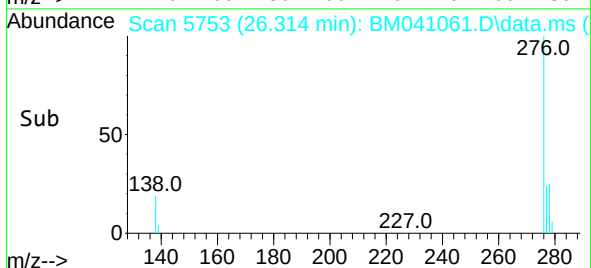
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

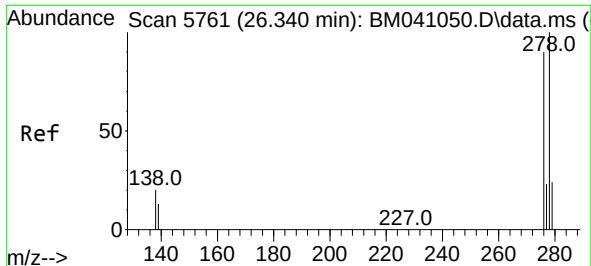


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26



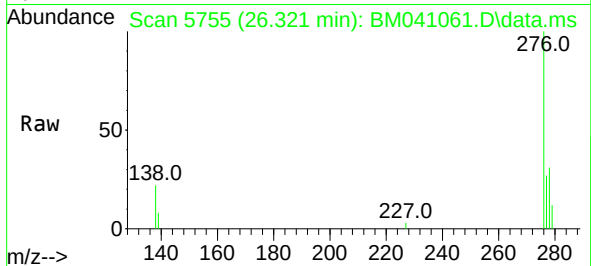
Tgt Ion:276 Resp: 28517
Ion Ratio Lower Upper
276 100
138 19.3 22.3 33.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 26.321 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

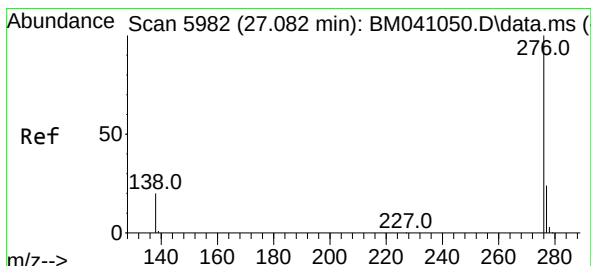
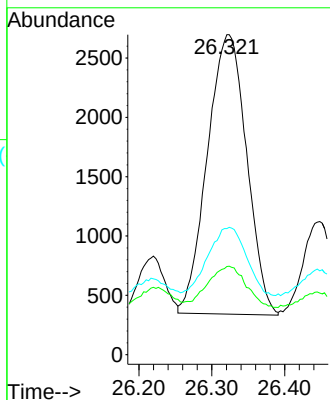
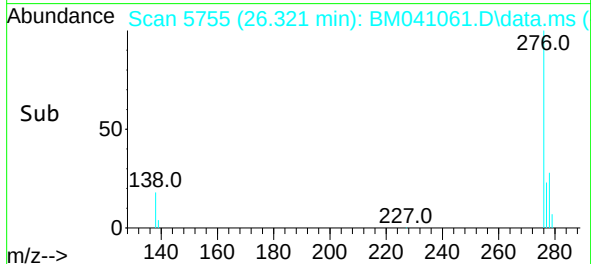
Instrument :
BNA_M
ClientSampleId :
A46W7



Tgt Ion:278 Resp: 8824
Ion Ratio Lower Upper
278 100
139 27.5 19.2 28.8
279 39.4 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: 0.035 ng/ul
RT: 27.078 min Scan# 5981
Delta R.T. -0.006 min
Lab File: BM041061.D
Acq: 22 Jul 2023 19:26

Tgt Ion:276 Resp: 2052
Ion Ratio Lower Upper
276 100
138 52.0 22.6 34.0#
277 51.7 21.2 31.8#

