

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM041004.D
 Acq On : 21 Jul 2023 05:43
 Operator : MA/JU
 Sample : 03444-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46X8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 06:14:28 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 : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4874	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.663	136	17164	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.513	164	9325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	80420	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.460	240	15895	0.400	ng/ul	-0.01
23) Perylene-d12	23.854	264	18171	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	13605	1.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	7262	0.318	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	15544	0.232	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.718	128	27966	0.596	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	10702	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.555	142	10096	0.369	ng/ul	97
10) Acenaphthylene	14.236	152	10630	0.272	ng/ul#	91
11) Acenaphthene	14.578	153	33077	0.961	ng/ul	97
12) Fluorene	15.568	166	35990	1.010	ng/ul	98
15) Phenanthrene	17.312	178	580050	2.413	ng/ul	98
16) Anthracene	17.405	178	70859	0.378	ng/ul	97
19) Fluoranthene	19.334	202	704780	8.588	ng/ul#	91
20) Pyrene	19.696	202	578085	6.895	ng/ul#	93
21) Benzo(a)anthracene	21.445	228	305911	6.318	ng/ul	99
22) Chrysene	21.498	228	313906	5.671	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	337696	4.842	ng/ul	85
25) Benzo(k)fluoranthene	23.170	252	127658m	1.926	ng/ul	
26) Benzo(a)pyrene	23.743	252	111787	1.856	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.317	276	110081	1.377	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.327	278	42131	0.697	ng/ul	92
29) Benzo(g,h,i)perylene	27.082	276	8025	0.109	ng/ul#	80

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

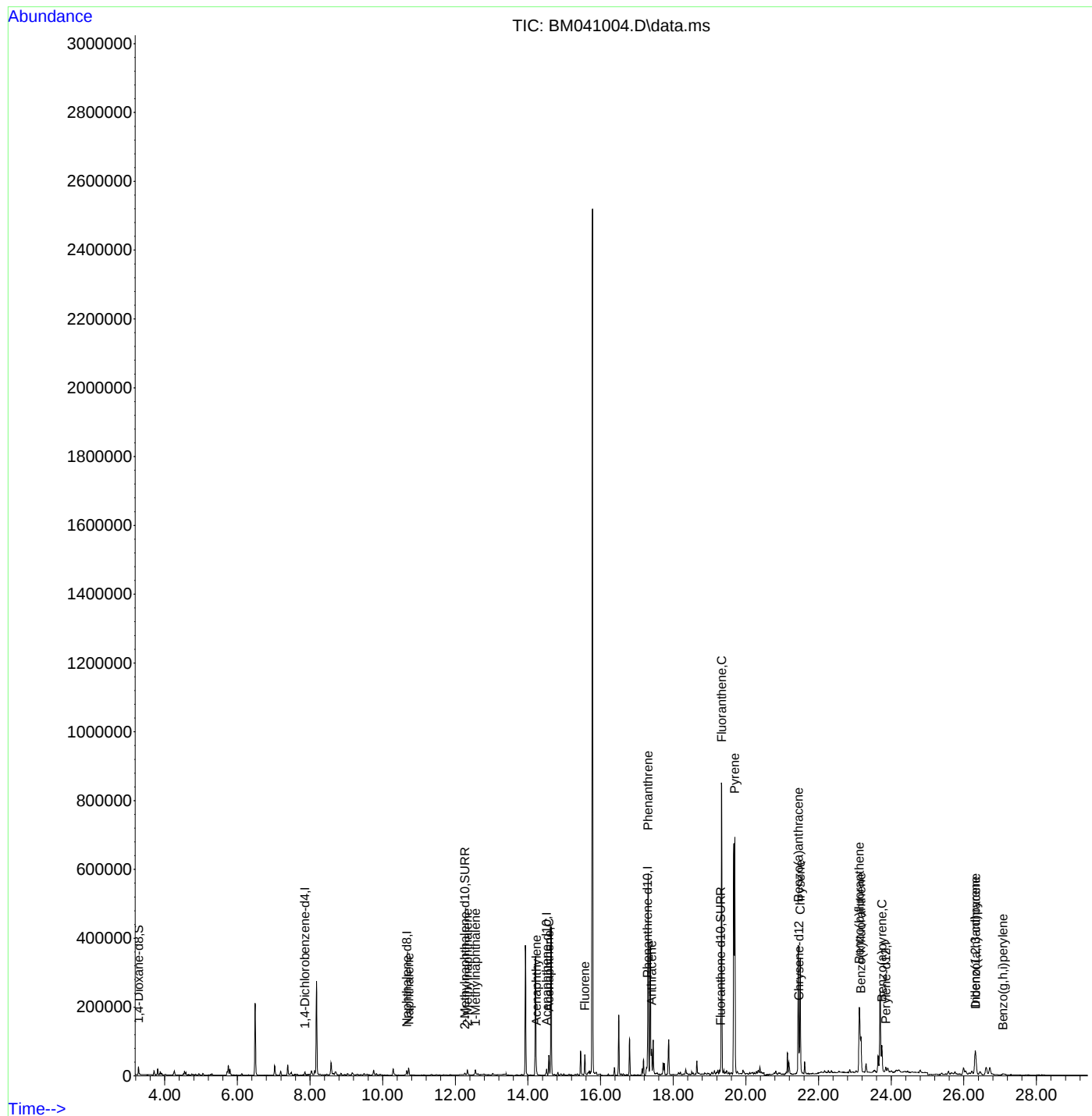
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041004.D
Acq On : 21 Jul 2023 05:43
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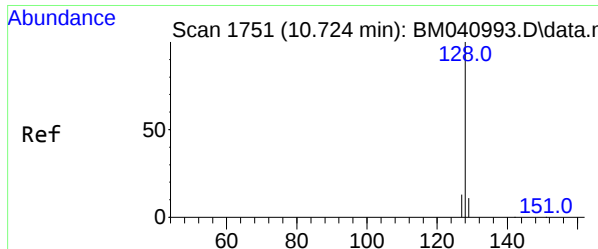
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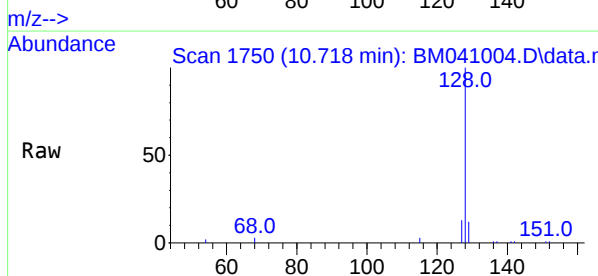
Quant Time: Jul 21 06:14:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
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#5
Naphthalene
Concen: 0.596 ng/u1
RT: 10.718 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

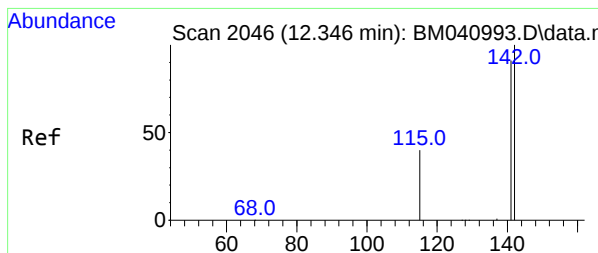
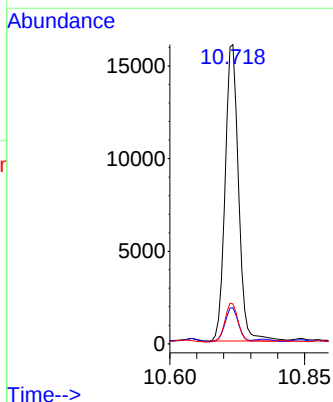
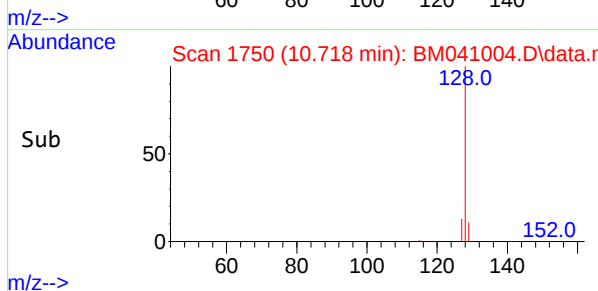
Instrument :
BNA_M
ClientSampleId :
A46X8



Tgt Ion:128 Resp: 2796
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.8
127 13.4 11.0 16.4

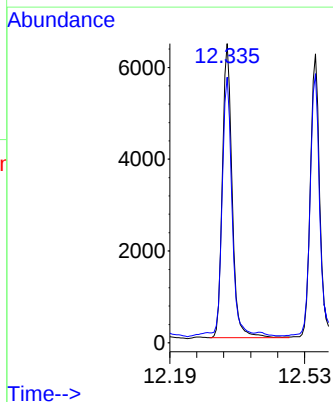
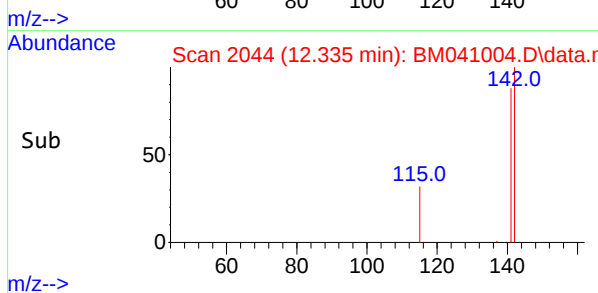
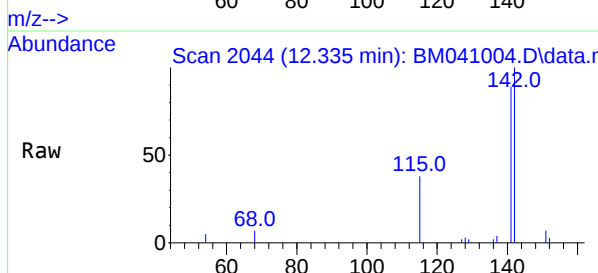
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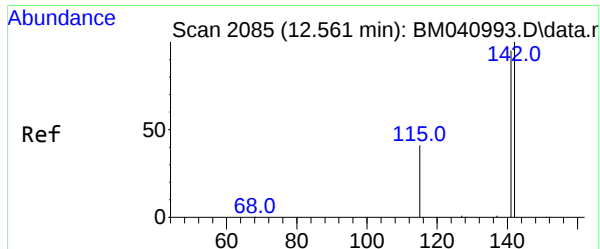
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#7
2-Methylnaphthalene
Concen: 0.415 ng/u1
RT: 12.335 min Scan# 2044
Delta R.T. -0.017 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

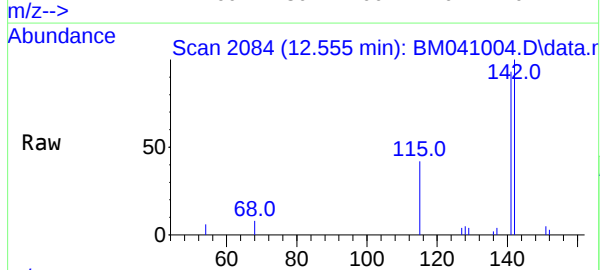
Tgt Ion:142 Resp: 10702
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.369 ng/u1
RT: 12.555 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

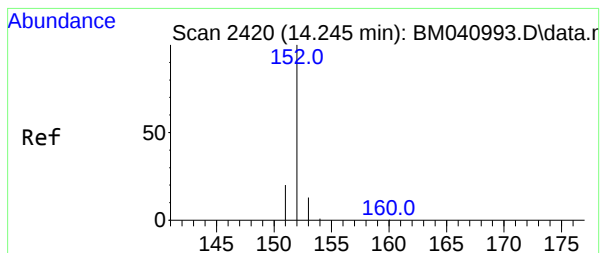
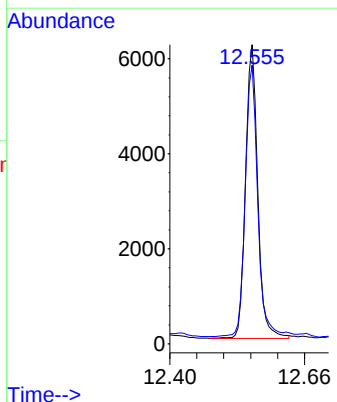
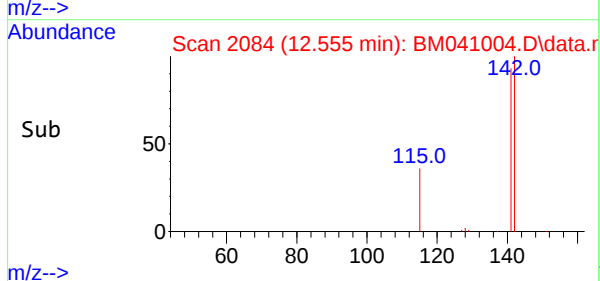
Instrument :
BNA_M
ClientSampleId :
A46X8



Tgt Ion:142 Resp: 1009
Ion Ratio Lower Upper
142 100
141 94.7 73.4 110.2

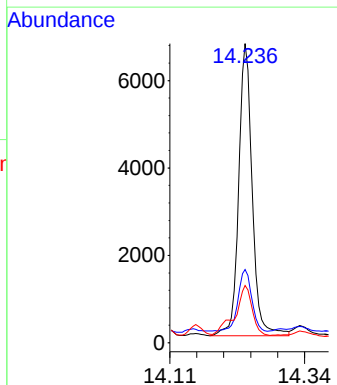
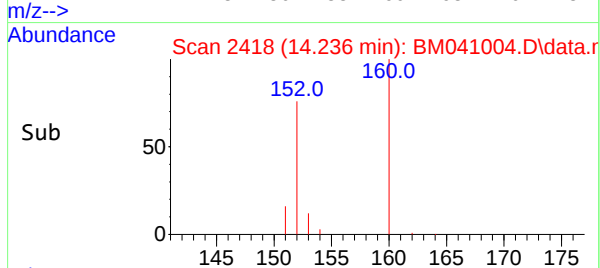
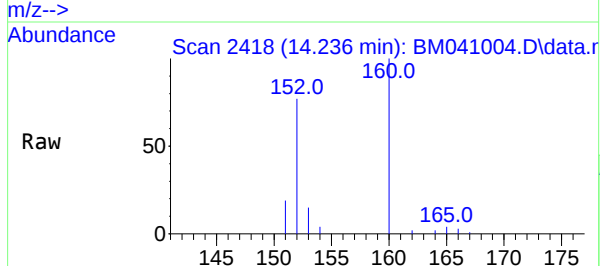
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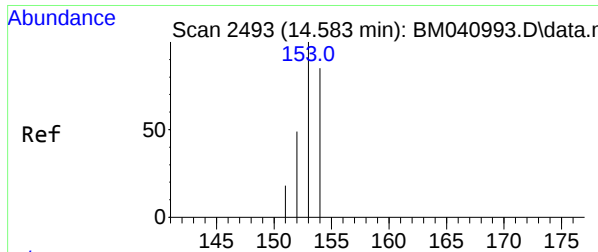
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.272 ng/u1
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

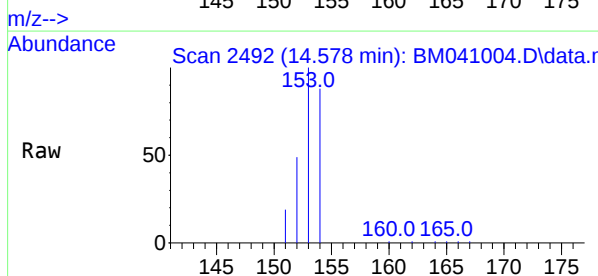
Tgt Ion:152 Resp: 10630
Ion Ratio Lower Upper
152 100
151 24.5 16.8 25.2
153 19.1 11.6 17.4#





#11
Acenaphthene
Concen: 0.961 ng/u1
RT: 14.578 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

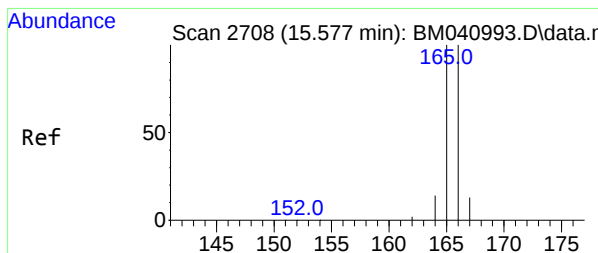
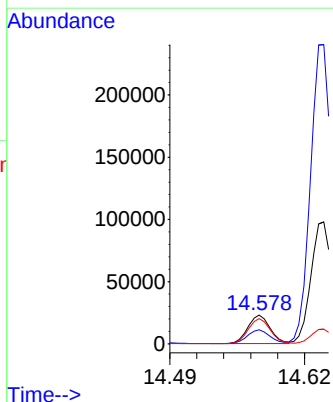
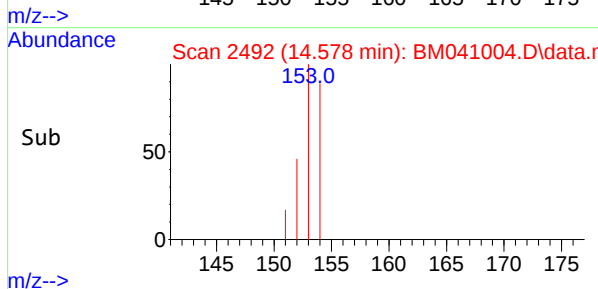
Instrument :
BNA_M
ClientSampleId :
A46X8



Tgt Ion:153 Resp: 3307
Ion Ratio Lower Upper
153 100
152 48.8 41.0 61.6
154 88.0 68.2 102.2

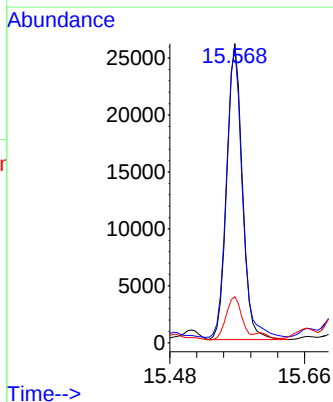
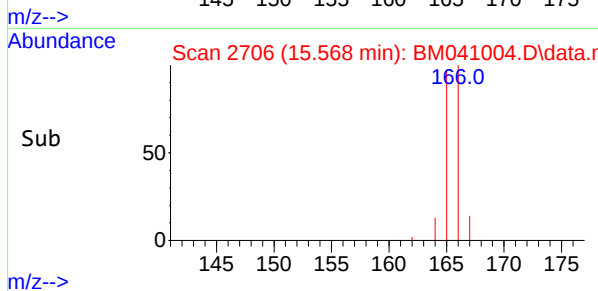
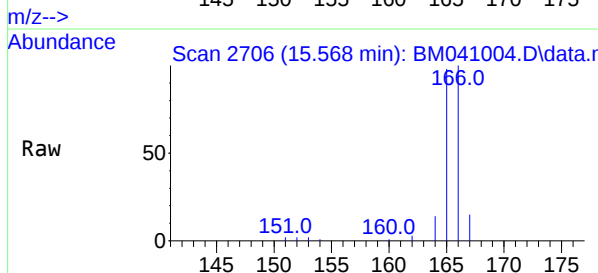
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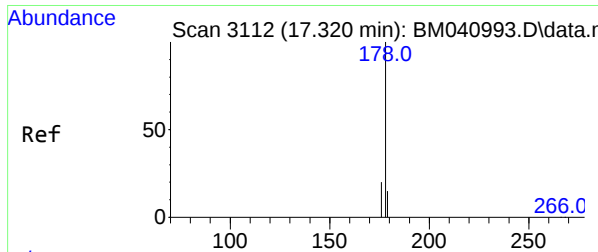
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 1.010 ng/u1
RT: 15.568 min Scan# 2706
Delta R.T. -0.014 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

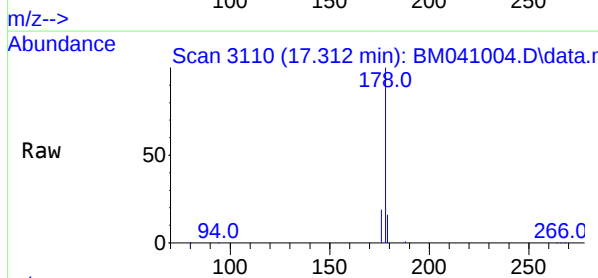
Tgt Ion:166 Resp: 35990
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 15.4 11.7 17.5





#15
Phenanthrene
Concen: 2.413 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

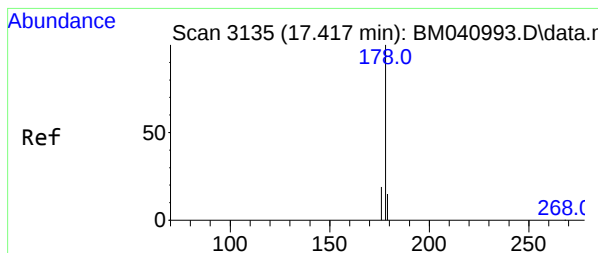
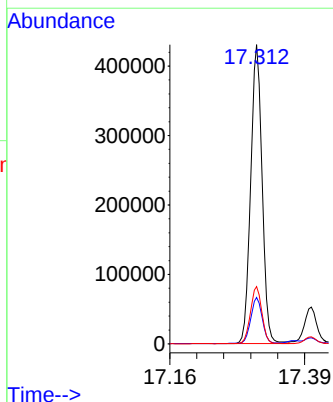
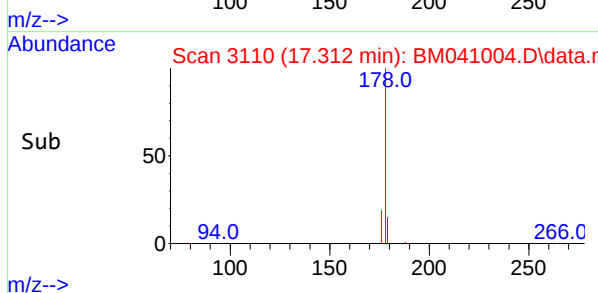
Instrument :
BNA_M
ClientSampleId :
A46X8



Tgt Ion:178 Resp: 58005
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.1 16.2 24.4

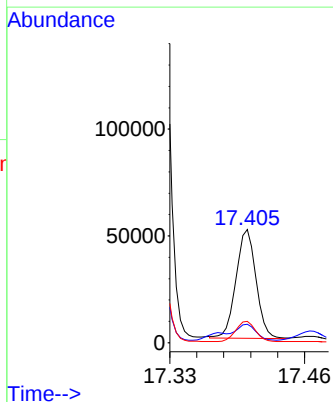
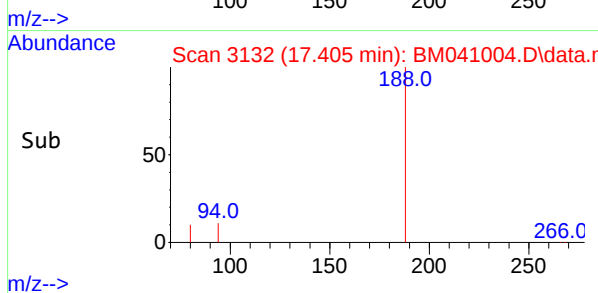
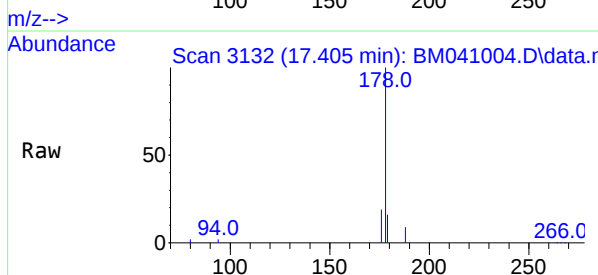
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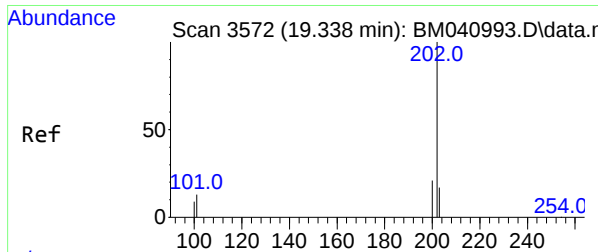
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.378 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

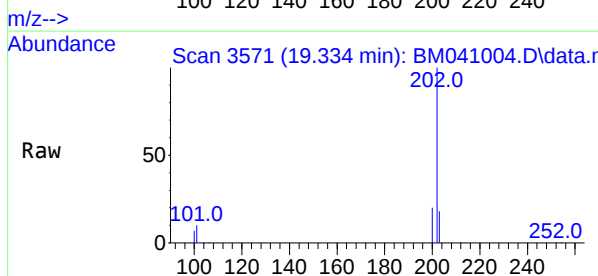
Tgt Ion:178 Resp: 70859
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 18.9 16.4 24.6





#19
Fluoranthene
Concen: 8.588 ng/u1
RT: 19.334 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

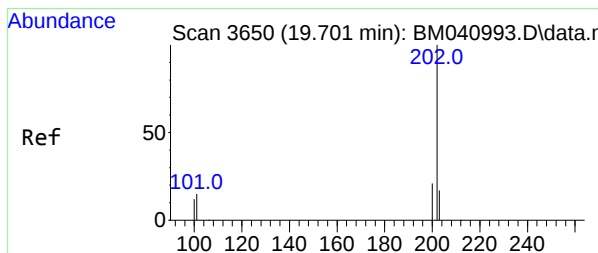
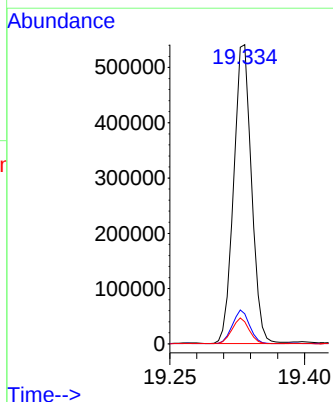
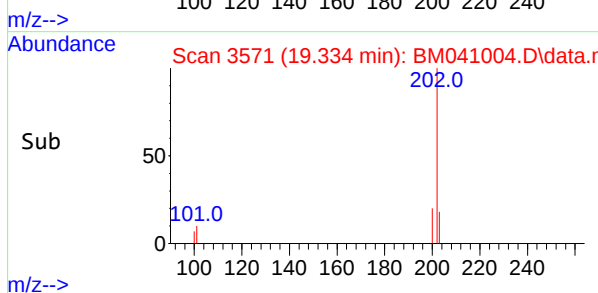
Instrument :
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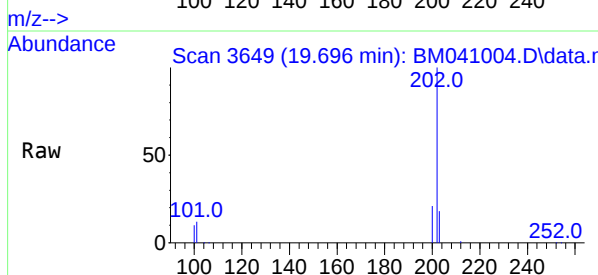
Tgt Ion:202 Resp: 70478
Ion Ratio Lower Upper
202 100
101 10.1 11.0 16.4
100 7.4 8.3 12.5

Manual Integrations
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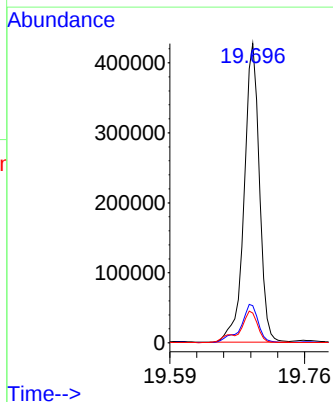
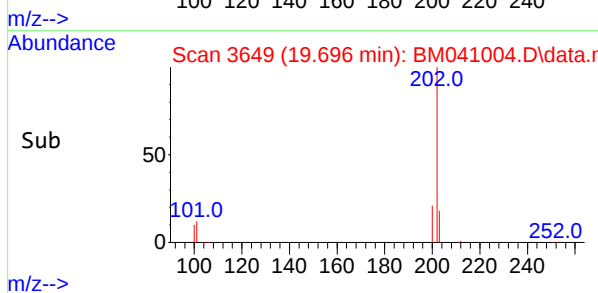
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

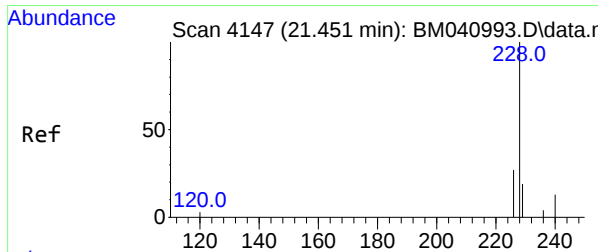


#20
Pyrene
Concen: 6.895 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43



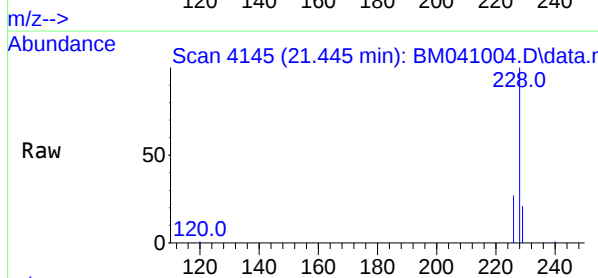
Tgt Ion:202 Resp: 578085
Ion Ratio Lower Upper
202 100
101 12.5 12.5 18.7#
100 10.0 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 6.318 ng/u1
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

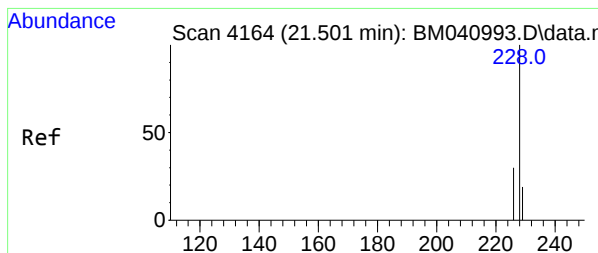
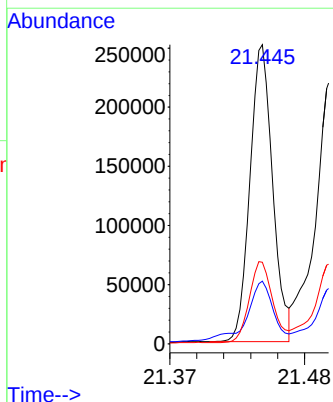
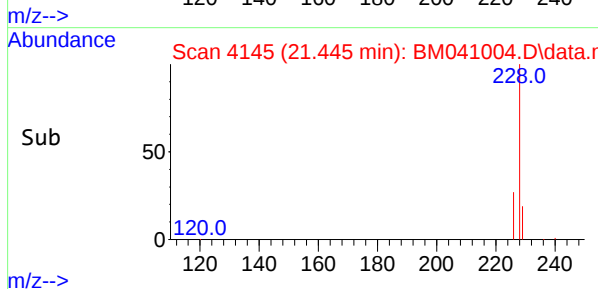
Instrument :
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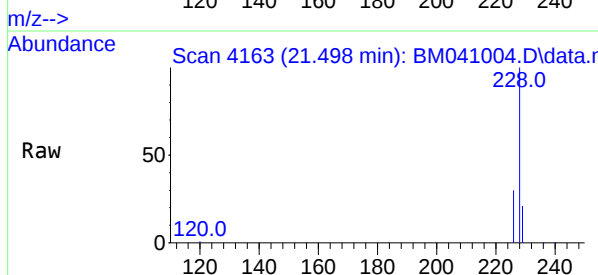
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Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.4
226 27.3 22.3 33.5

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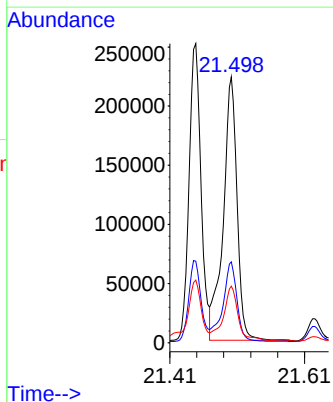
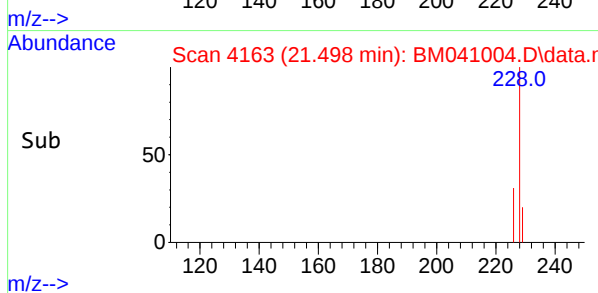
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

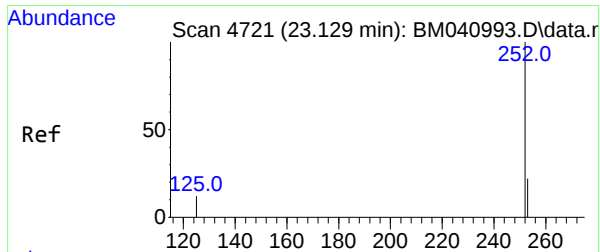


#22
Chrysene
Concen: 5.671 ng/u1
RT: 21.498 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43



Tgt Ion:228 Resp: 313906
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.3 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 4.842 ng/u1

RT: 23.126 min Scan# 4720

Delta R.T. -0.009 min

Lab File: BM041004.D

Acq: 21 Jul 2023 05:43

Instrument :

BNA_M

ClientSampleId :

A46X8

Tgt Ion:252 Resp: 33769

Ion Ratio Lower Upper

252 100

253 23.2 0.0 57.4

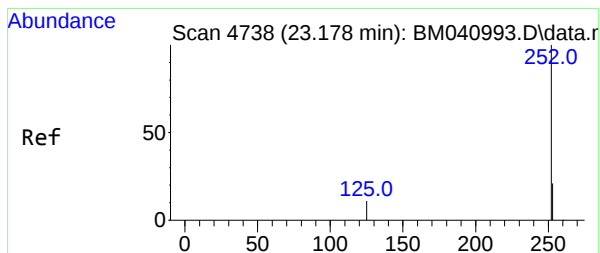
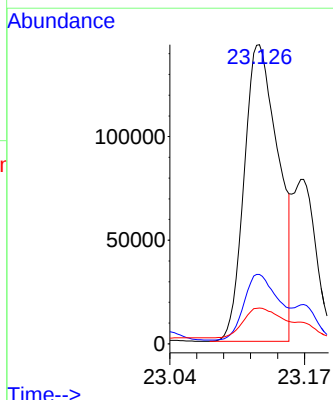
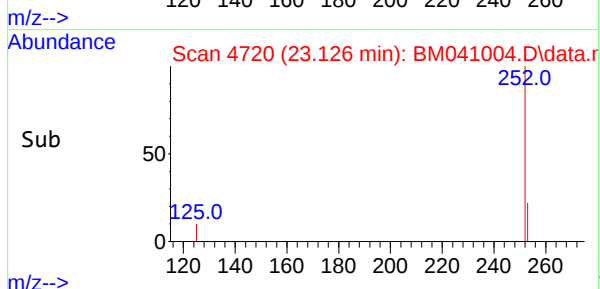
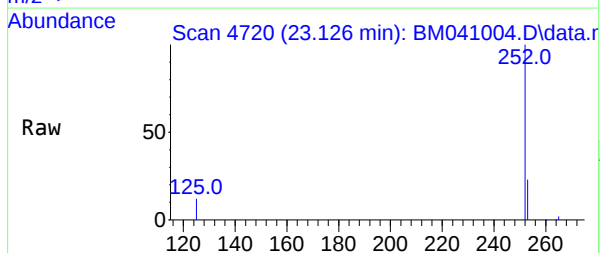
125 12.0 0.0 45.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#25

Benzo(k)fluoranthene

Concen: 1.926 ng/u1 m

RT: 23.170 min Scan# 4735

Delta R.T. -0.018 min

Lab File: BM041004.D

Acq: 21 Jul 2023 05:43

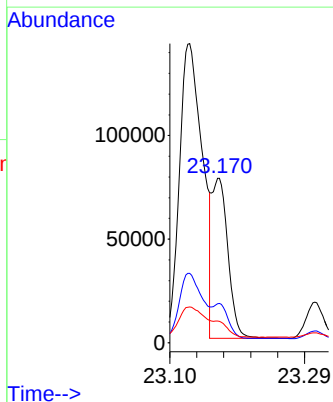
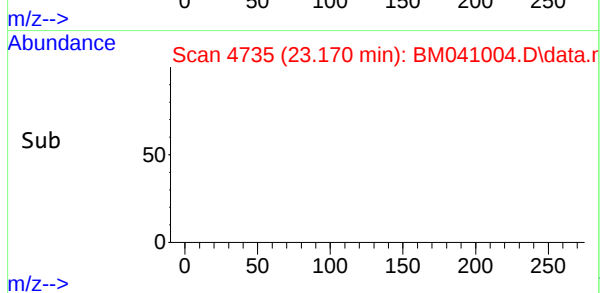
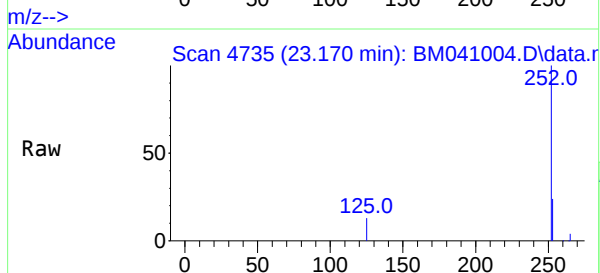
Tgt Ion:252 Resp: 127658

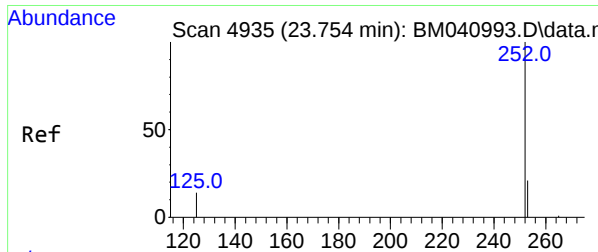
Ion Ratio Lower Upper

252 100

253 24.0 23.3 34.9

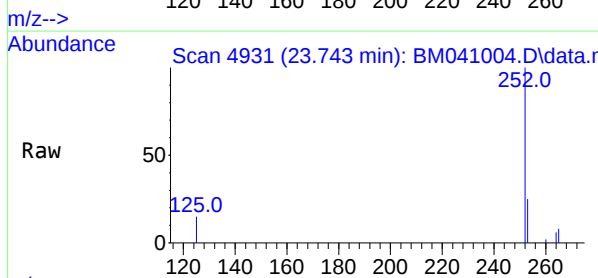
125 13.1 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 1.856 ng/u1
RT: 23.743 min Scan# 4
Delta R.T. -0.021 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

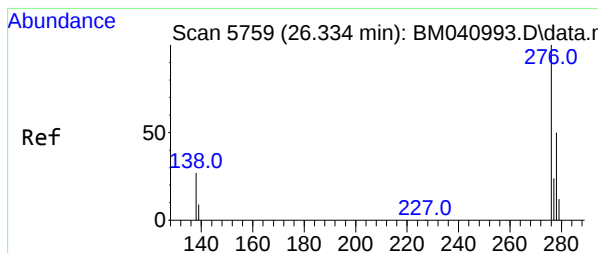
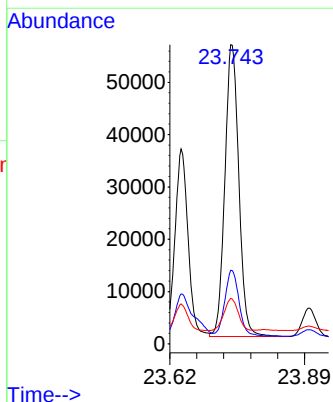
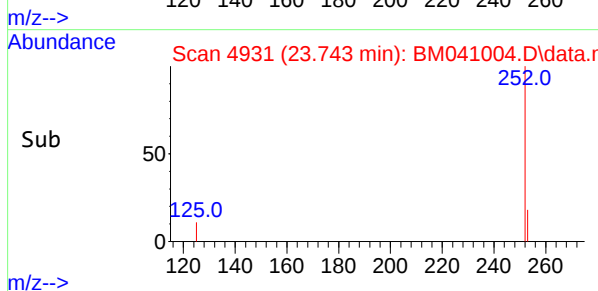
Instrument :
BNA_M
ClientSampleId :
A46X8



Tgt Ion:252 Resp: 11178
Ion Ratio Lower Upper
252 100
253 24.6 28.2 42.2
125 15.1 25.2 37.8

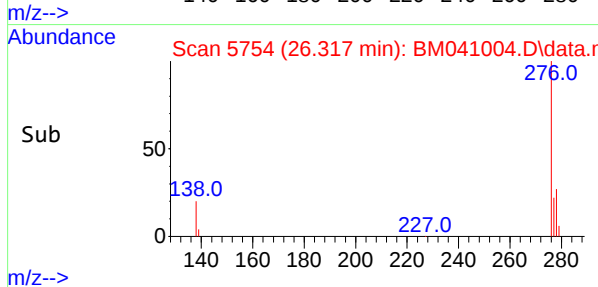
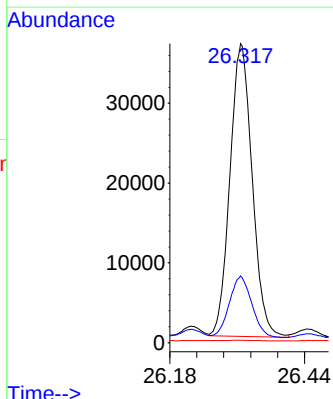
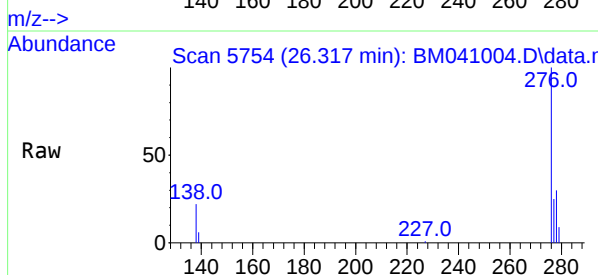
Manual Integrations
APPROVED

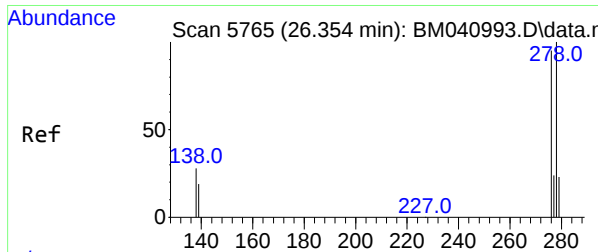
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.377 ng/u1
RT: 26.317 min Scan# 5754
Delta R.T. -0.034 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

Tgt Ion:276 Resp: 110081
Ion Ratio Lower Upper
276 100
138 21.3 22.3 33.5#
227 0.2 0.0 0.0#





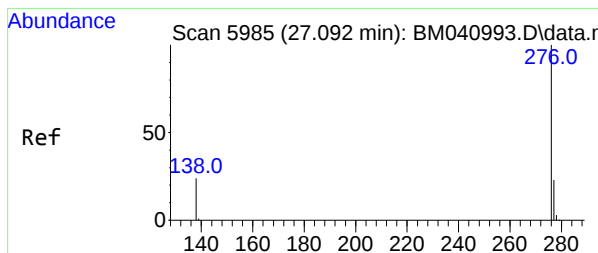
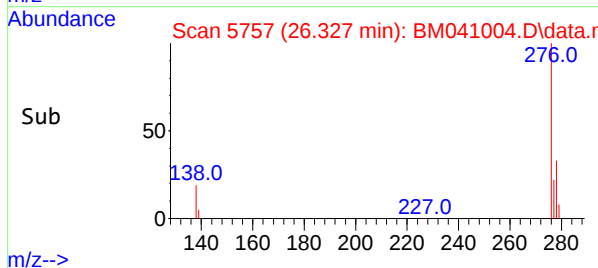
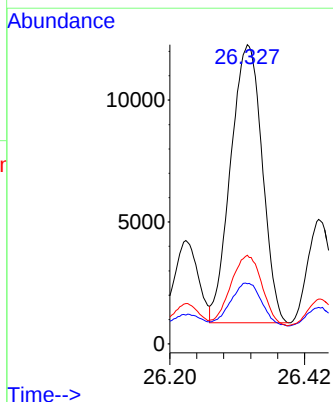
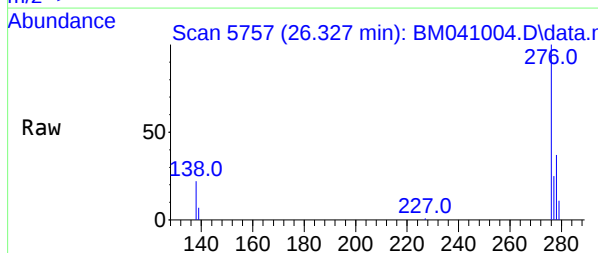
#28
Dibenzo(a,h)anthracene
Concen: 0.697 ng/u1
RT: 26.327 min Scan# 5
Delta R.T. -0.040 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

Instrument :
BNA_M
ClientSampleId :
A46X8

Tgt Ion:278 Resp: 4213
Ion Ratio Lower Upper
278 100
139 20.1 19.2 28.8
279 29.6 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/u1
RT: 27.082 min Scan# 5982
Delta R.T. -0.020 min
Lab File: BM041004.D
Acq: 21 Jul 2023 05:43

Tgt Ion:276 Resp: 8025
Ion Ratio Lower Upper
276 100
138 38.9 22.6 34.0#
277 37.3 21.2 31.8#

