

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041089.D
 Acq On : 24 Jul 2023 23:49
 Operator : MA/JU
 Sample : 03534-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 00:33:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 00:13:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3295	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.636	136	10521	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.490	164	5639	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	12438	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	12059	0.400	ng/ul	-0.01
23) Perylene-d12	23.831	264	10696	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	3118	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	721	0.048	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	1612	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	2049	0.060	ng/ul#	83
7) 2-Methylnaphthalene	12.313	142	481	0.029	ng/ul	93
8) 1-Methylnaphthalene	12.528	142	480	0.028	ng/ul	92
10) Acenaphthylene	14.213	152	958	0.040	ng/ul#	64
11) Acenaphthene	14.555	153	1484	0.074	ng/ul	98
12) Fluorene	15.550	166	1403	0.064	ng/ul#	95
15) Phenanthrene	17.291	178	21052	0.549	ng/ul	100
16) Anthracene	17.384	178	2042	0.066	ng/ul#	85
19) Fluoranthene	19.315	202	36650	0.848	ng/ul	97
20) Pyrene	19.678	202	28230	0.592	ng/ul	99
21) Benzo(a)anthracene	21.431	228	13241	0.328	ng/ul	96
22) Chrysene	21.483	228	16220	0.348	ng/ul	97
24) Benzo(b)fluoranthene	23.103	252	22208	0.521	ng/ul	96
25) Benzo(k)fluoranthene	23.149	252	8321m	0.205	ng/ul	
26) Benzo(a)pyrene	23.722	252	3031	0.088	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.294	276	7958	0.156	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.304	278	2440	0.061	ng/ul#	48
29) Benzo(g,h,i)perylene	27.052	276	972	0.021	ng/ul#	32

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

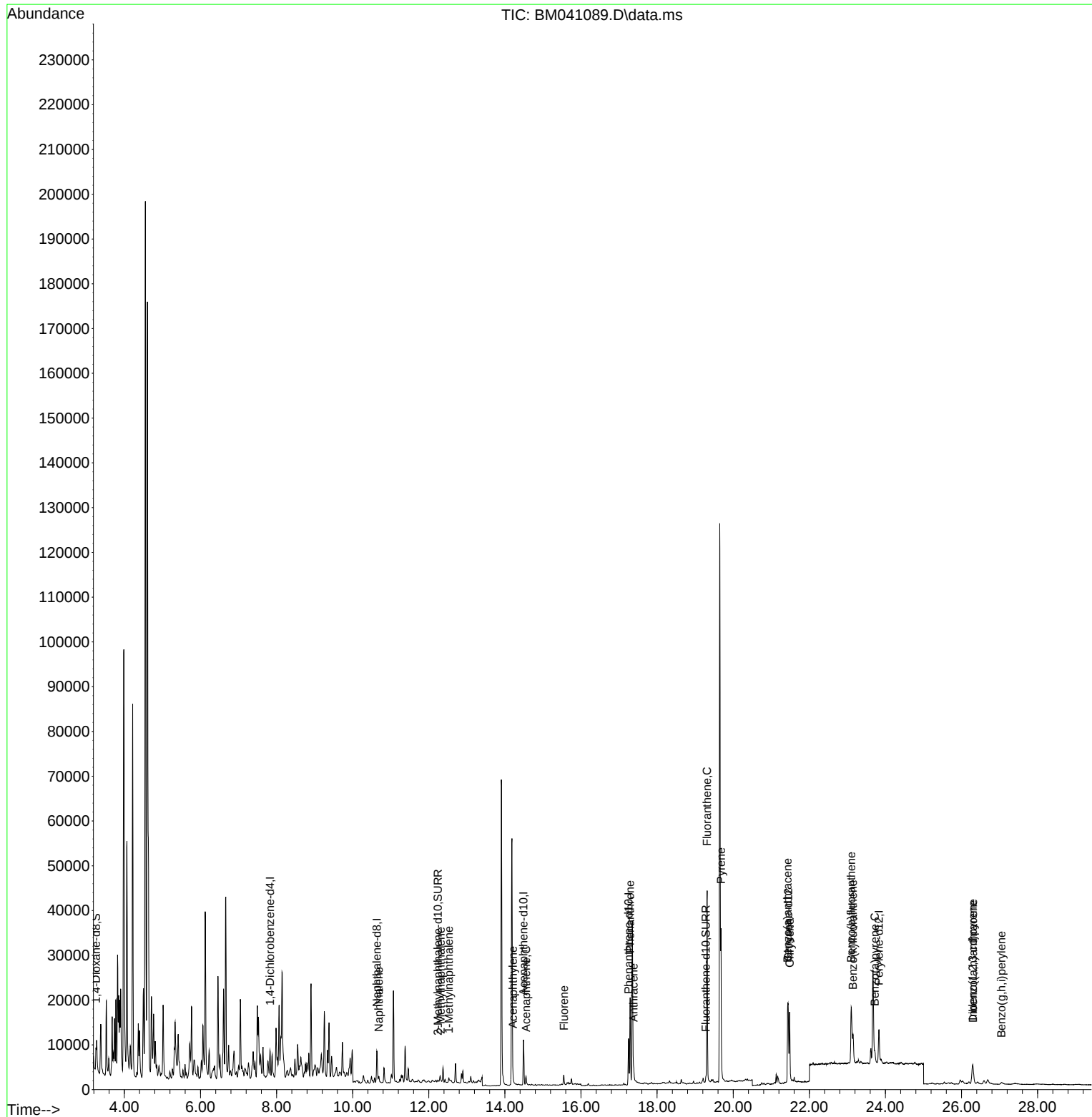
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041089.D
Acq On : 24 Jul 2023 23:49
Operator : MA/JU
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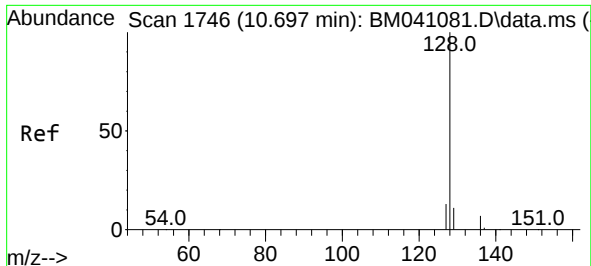
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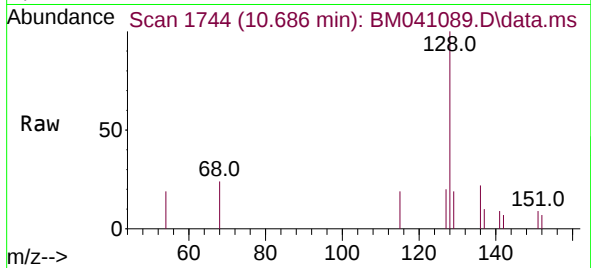
Quant Time: Jul 25 00:33:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
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#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

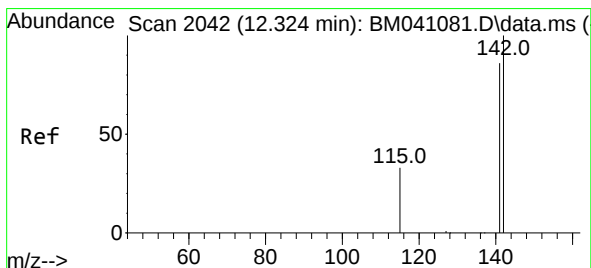
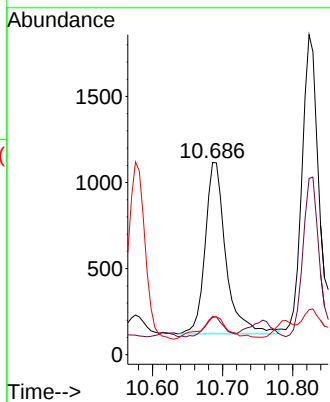
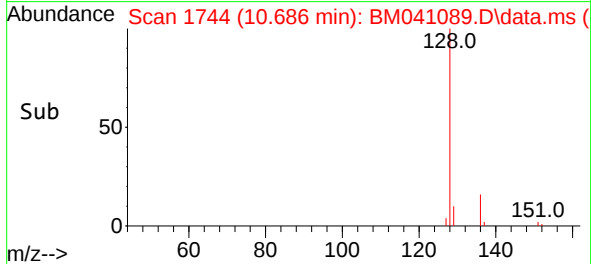
Instrument :
BNA_M
ClientSampleId :
A4724



Tgt Ion:128 Resp: 2049
Ion Ratio Lower Upper
128 100
129 19.4 9.8 14.8
127 20.0 11.1 16.7

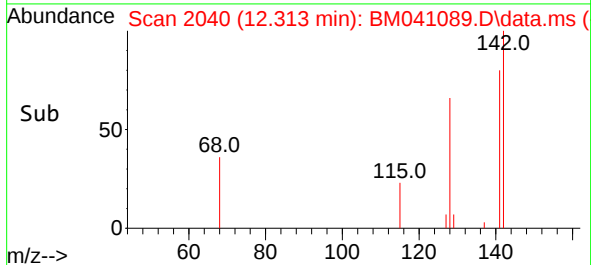
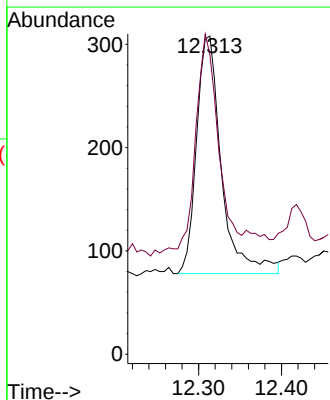
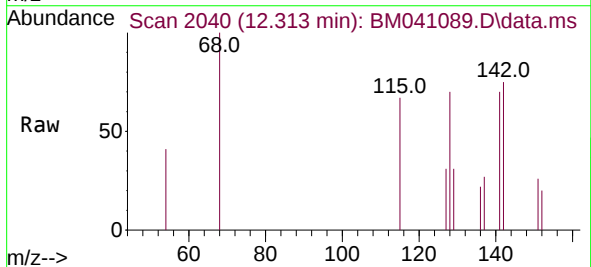
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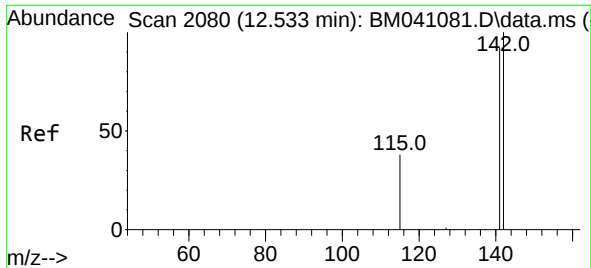
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.313 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

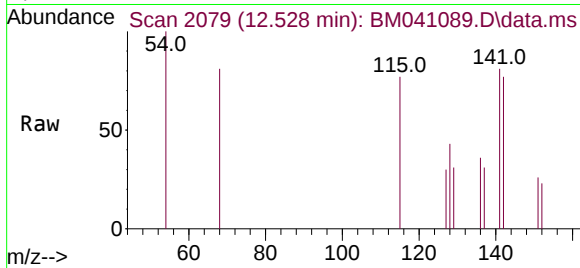
Tgt Ion:142 Resp: 481
Ion Ratio Lower Upper
142 100
141 98.1 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.528 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

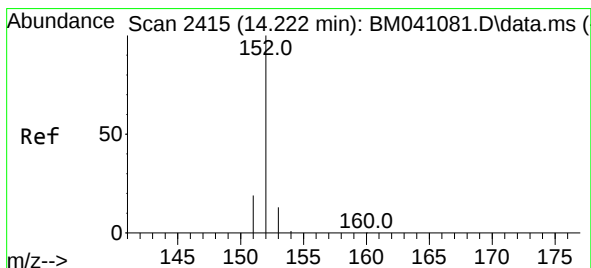
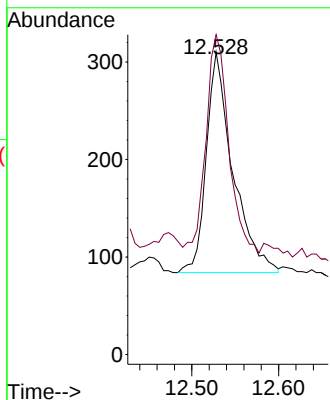
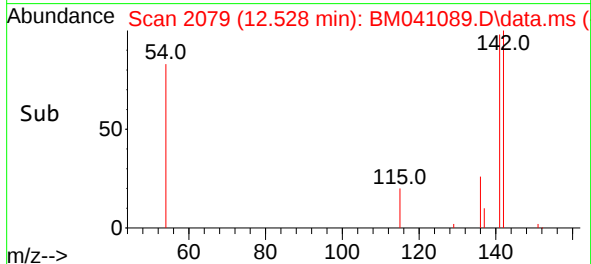
Instrument :
BNA_M
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A4724



Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
141 84.6 73.6 110.4

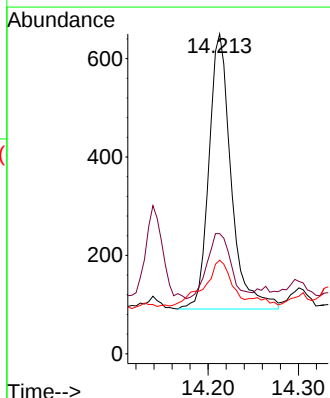
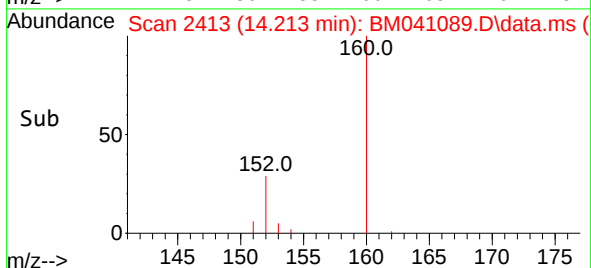
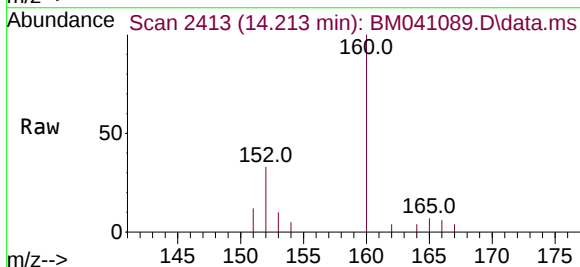
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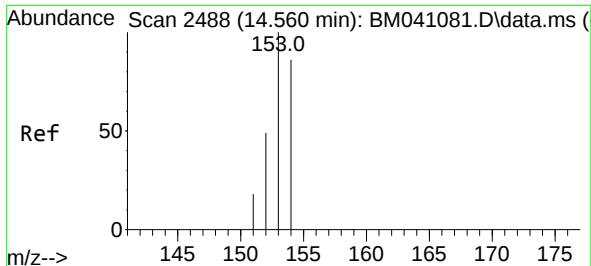
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

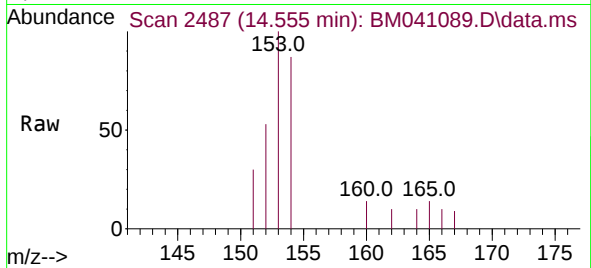
Tgt Ion:152 Resp: 958
Ion Ratio Lower Upper
152 100
151 37.5 16.8 25.2#
153 29.2 11.4 17.2#





#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.555 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

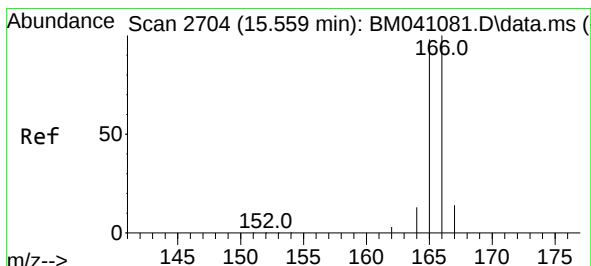
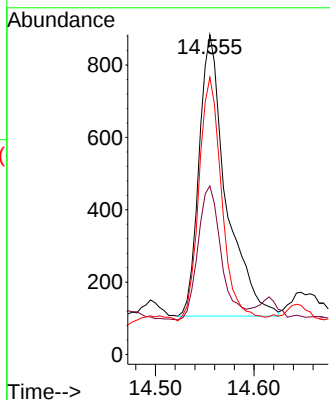
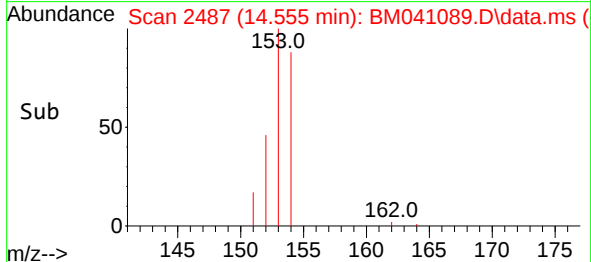
Instrument :
BNA_M
ClientSampleId :
A4724



Tgt Ion:153 Resp: 1484
Ion Ratio Lower Upper
153 100
152 52.7 40.2 60.4
154 86.7 70.3 105.5

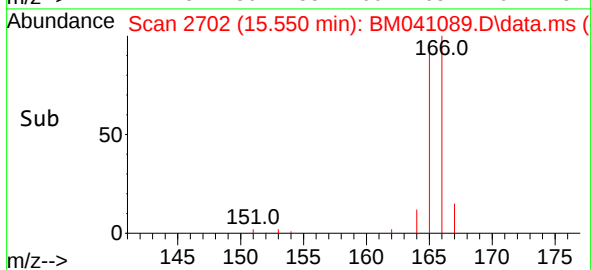
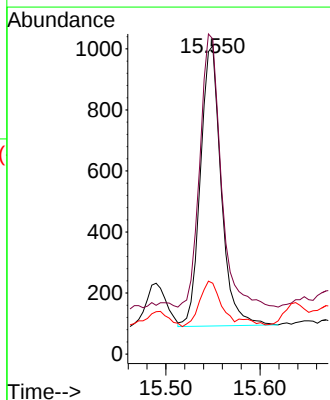
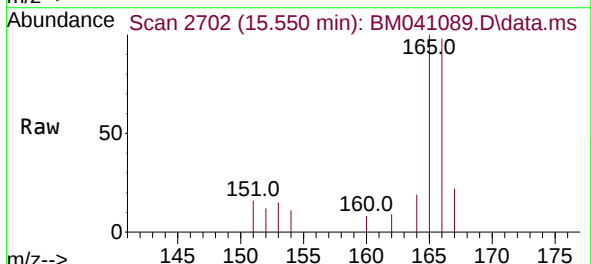
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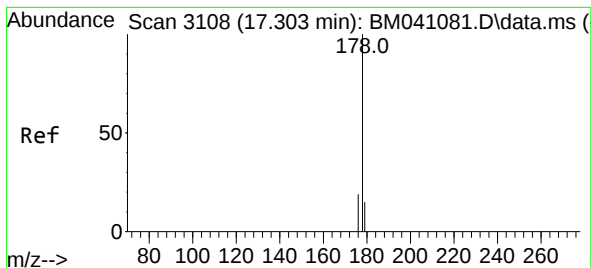
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.550 min Scan# 2702
Delta R.T. -0.004 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

Tgt Ion:166 Resp: 1403
Ion Ratio Lower Upper
166 100
165 102.2 79.4 119.0
167 22.9 11.4 17.2#





#15

Phenanthrene

Concen: 0.549 ng/ul

RT: 17.291 min Scan# 3105

Delta R.T. -0.008 min

Lab File: BM041089.D

Acq: 24 Jul 2023 23:49

Instrument :

BNA_M

ClientSampleId :

A4724

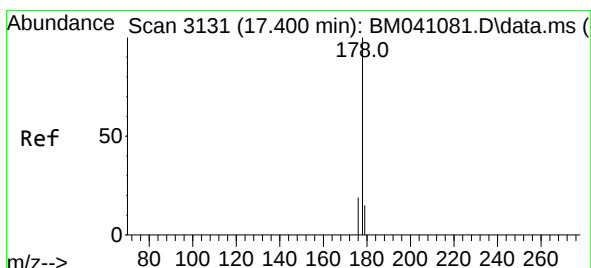
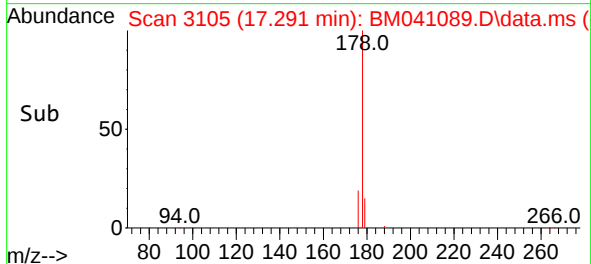
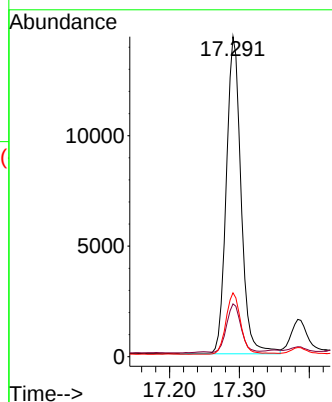
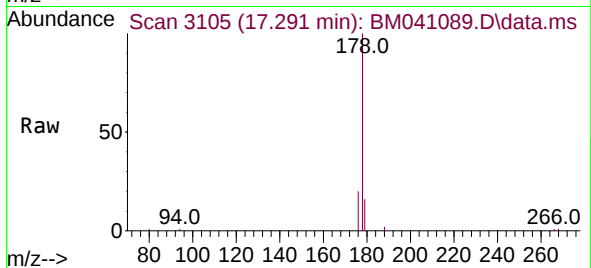
Tgt Ion:178	Resp:	2105
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.4 20.2
176	19.9	16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#16

Anthracene

Concen: 0.066 ng/ul

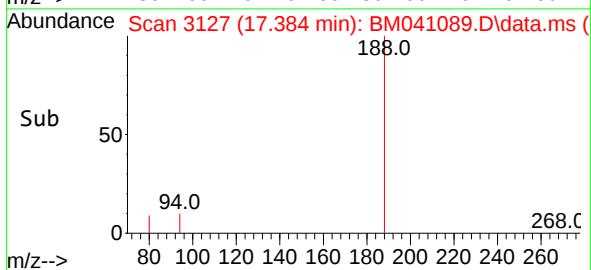
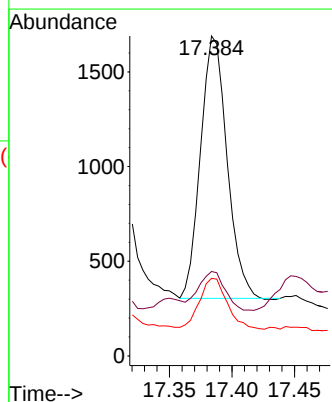
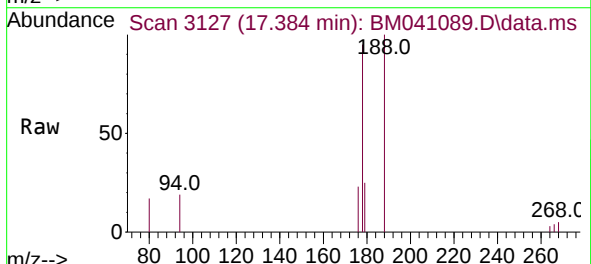
RT: 17.384 min Scan# 3127

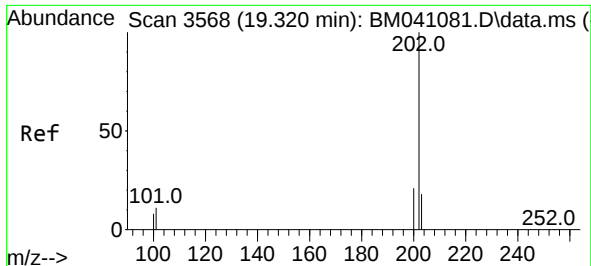
Delta R.T. -0.012 min

Lab File: BM041089.D

Acq: 24 Jul 2023 23:49

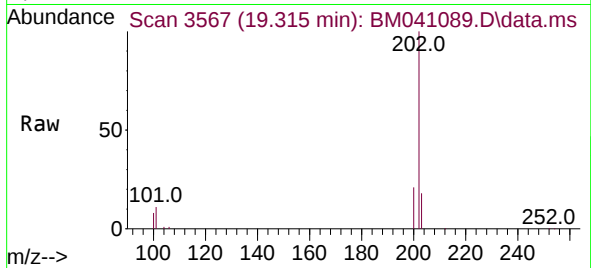
Tgt Ion:178	Resp:	2042
Ion Ratio	Lower	Upper
178	100	
179	26.4	13.6 20.4#
176	24.3	16.0 24.0#





#19
Fluoranthene
Concen: 0.848 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

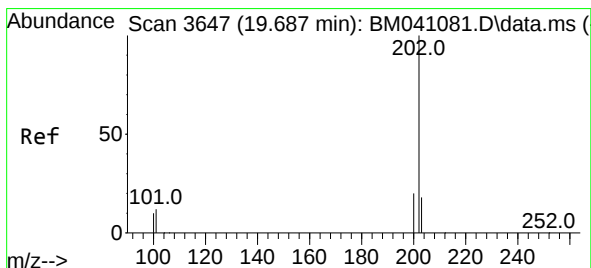
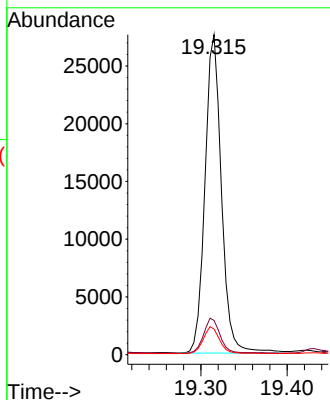
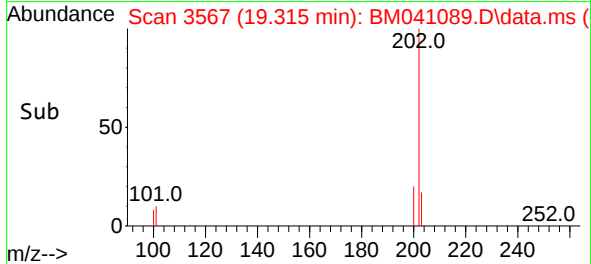
Instrument :
BNA_M
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A4724



Tgt Ion:202 Resp: 36650
Ion Ratio Lower Upper
202 100
101 10.7 9.4 14.0
100 8.0 7.1 10.7

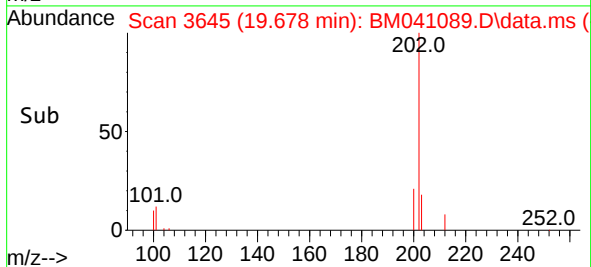
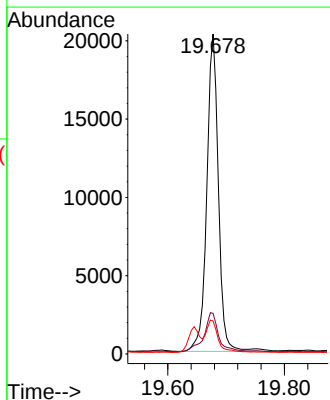
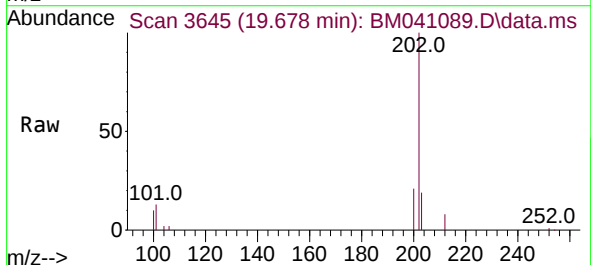
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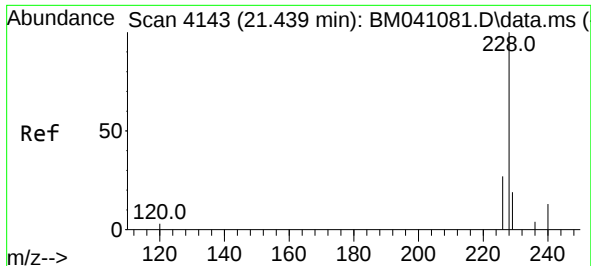
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#20
Pyrene
Concen: 0.592 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

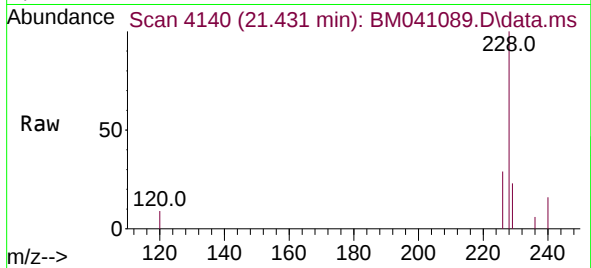
Tgt Ion:202 Resp: 28230
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 10.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.431 min Scan# 4143
Delta R.T. -0.011 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

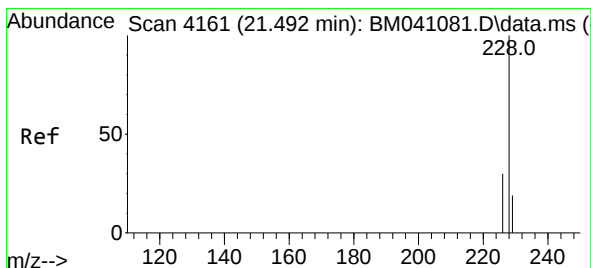
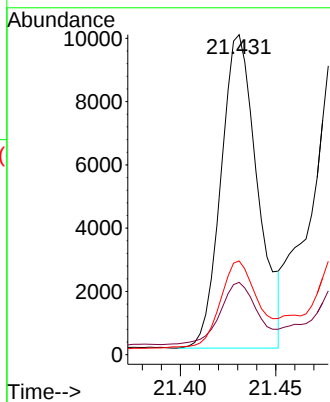
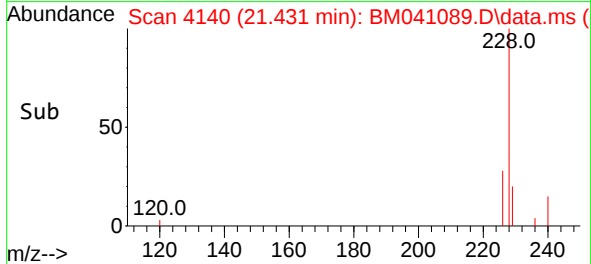
Instrument :
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A4724



Tgt Ion:228 Resp: 1324
Ion Ratio Lower Upper
228 100
229 22.6 16.5 24.7
226 29.3 22.2 33.2

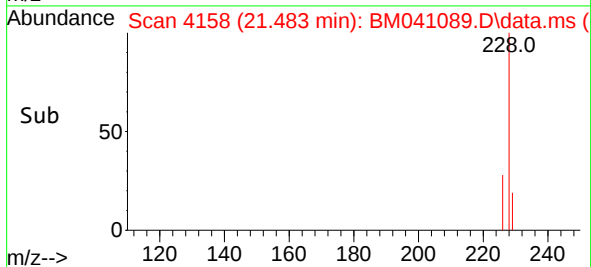
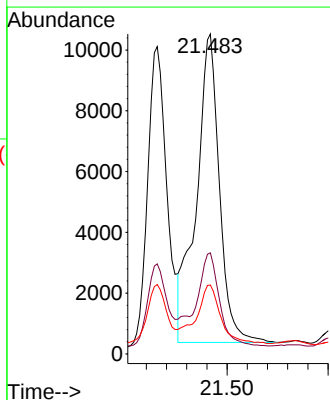
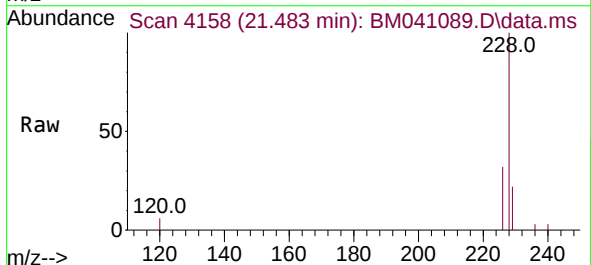
Manual Integrations
APPROVED

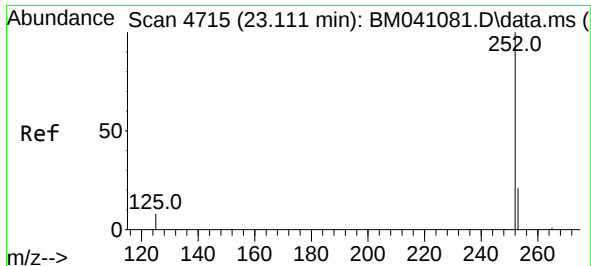
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.011 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

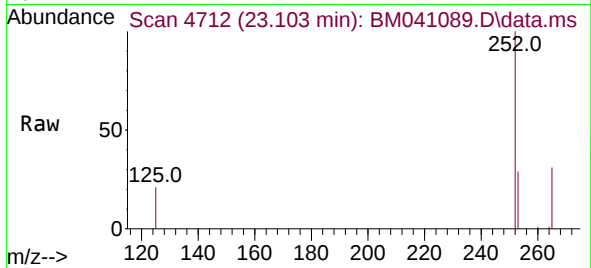
Tgt Ion:228 Resp: 16220
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.4
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.521 ng/ul
RT: 23.103 min Scan# 4712
Delta R.T. -0.014 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

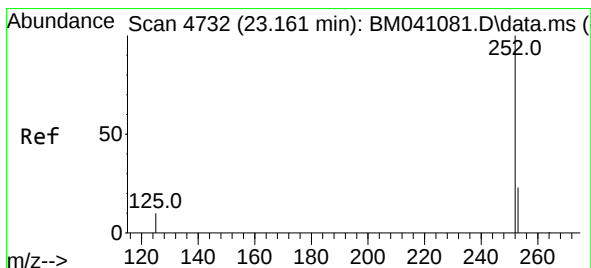
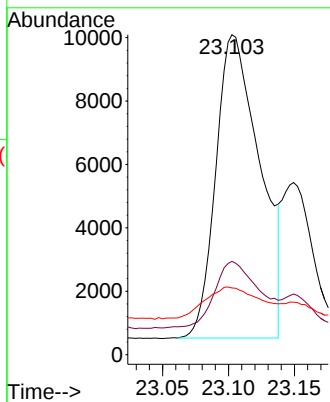
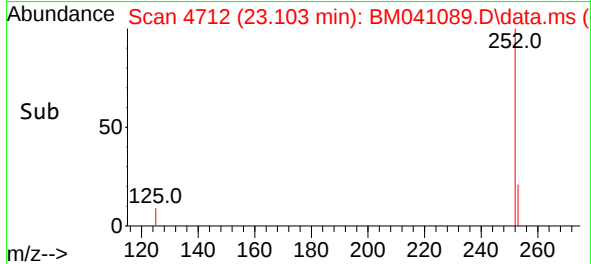
Instrument :
BNA_M
ClientSampleId :
A4724



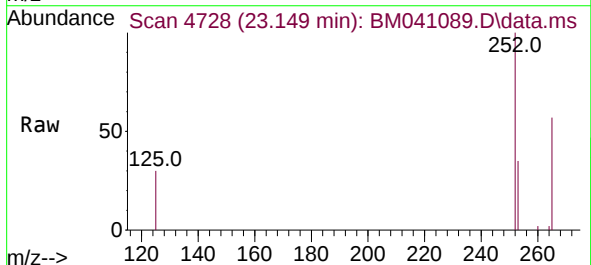
Tgt Ion:252 Resp: 22208
Ion Ratio Lower Upper
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253 29.1 0.0 57.6
125 20.8 0.0 33.6

Manual Integrations
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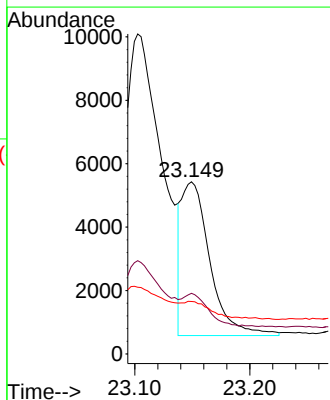
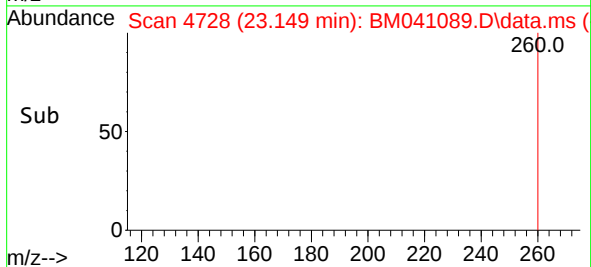
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

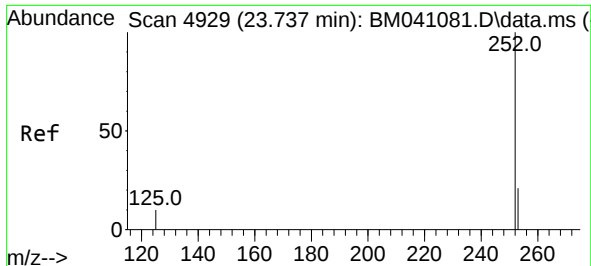


#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.014 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49



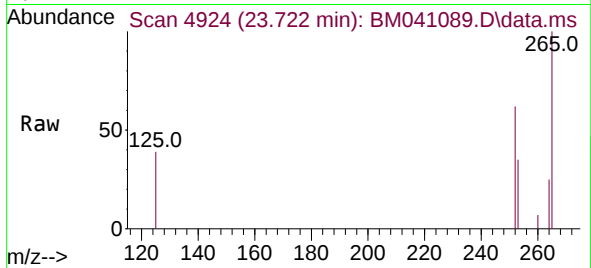
Tgt Ion:252 Resp: 8321
Ion Ratio Lower Upper
252 100
253 35.2 22.8 34.2#
125 30.5 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.017 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

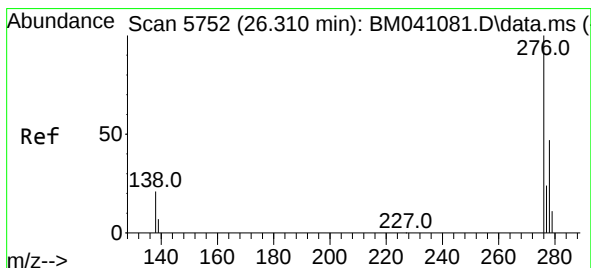
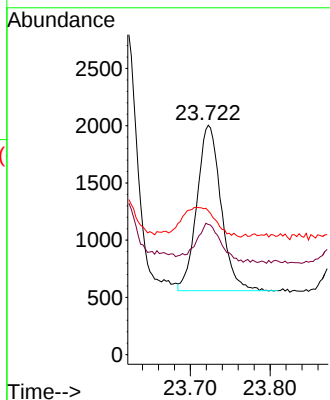
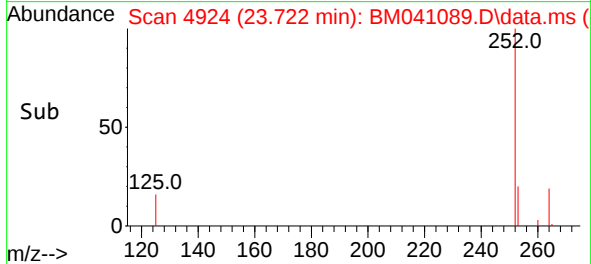
Instrument :
BNA_M
ClientSampleId :
A4724



Tgt Ion:252 Resp: 303
Ion Ratio Lower Upper
252 100
253 56.7 26.7 40.1
125 62.7 18.1 27.1

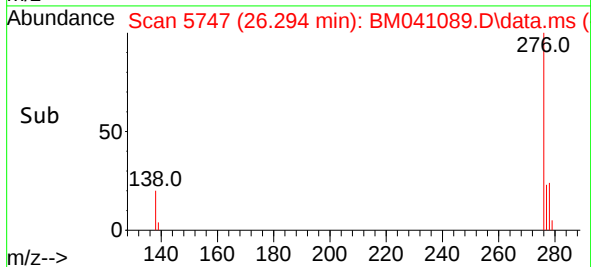
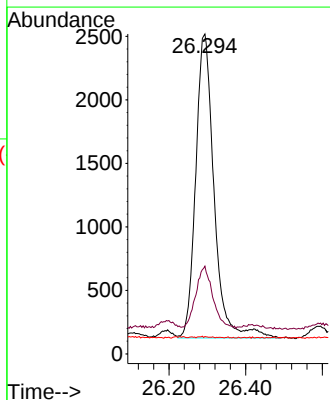
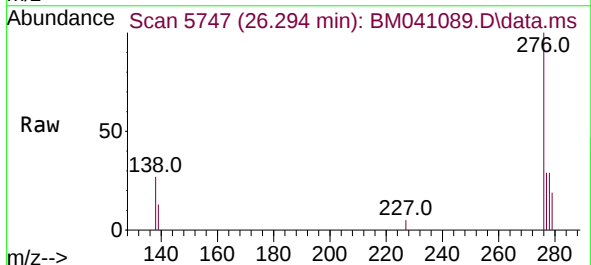
Manual Integrations
APPROVED

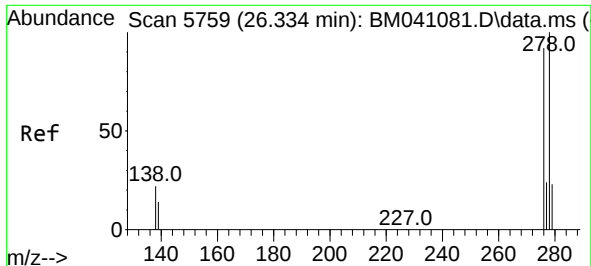
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 26.294 min Scan# 5747
Delta R.T. -0.020 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

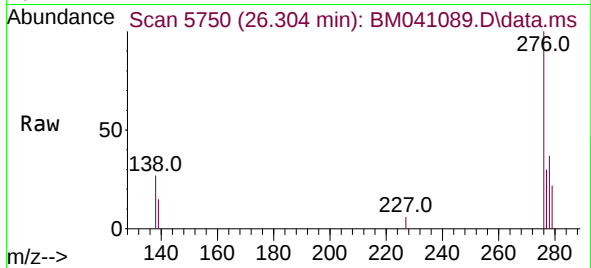
Tgt Ion:276 Resp: 7958
Ion Ratio Lower Upper
276 100
138 19.1 18.1 27.1
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.304 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

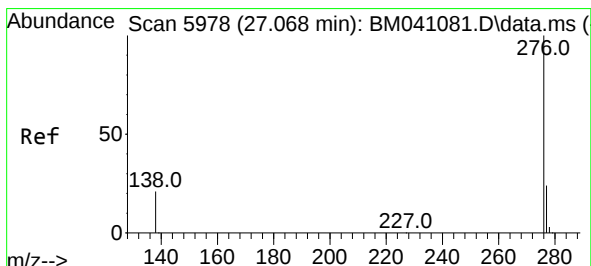
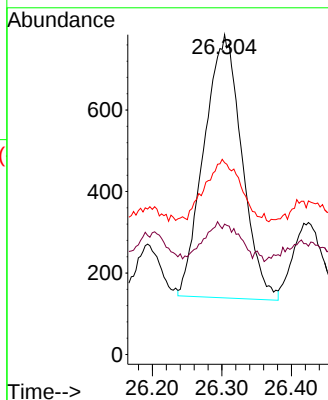
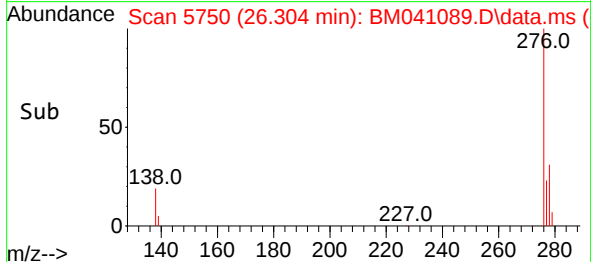
Instrument :
BNA_M
ClientSampleId :
A4724



Tgt Ion:278 Resp: 2440
Ion Ratio Lower Upper
278 100
139 40.8 14.1 21.1#
279 60.0 25.0 37.4#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.052 min Scan# 5973
Delta R.T. -0.017 min
Lab File: BM041089.D
Acq: 24 Jul 2023 23:49

Tgt Ion:276 Resp: 972
Ion Ratio Lower Upper
276 100
138 61.2 18.2 27.2#
277 55.1 20.6 30.8#

