

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041110.D
 Acq On : 25 Jul 2023 17:42
 Operator : MA/JU
 Sample : 03534-21
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4727

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 04:40:50 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 : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	4114	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	14190	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.490	164	7554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	16139	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	12293	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	10411	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	7806	1.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	3973	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	7258	0.217	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	3280	0.071	ng/ul#	89
7) 2-Methylnaphthalene	12.308	142	998	0.044	ng/ul	91
8) 1-Methylnaphthalene	12.522	142	785	0.034	ng/ul	94
10) Acenaphthylene	14.208	152	2053	0.064	ng/ul#	79
11) Acenaphthene	14.550	153	1873	0.070	ng/ul	96
12) Fluorene	15.545	166	1619	0.055	ng/ul#	94
15) Phenanthrene	17.291	178	19860	0.399	ng/ul	99
16) Anthracene	17.383	178	2034	0.051	ng/ul#	81
19) Fluoranthene	19.310	202	51787	1.175	ng/ul	99
20) Pyrene	19.673	202	36074	0.743	ng/ul	99
21) Benzo(a)anthracene	21.431	228	19816	0.482	ng/ul	96
22) Chrysene	21.483	228	23898	0.503	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	29443	0.710	ng/ul	97
25) Benzo(k)fluoranthene	23.146	252	10504m	0.265	ng/ul	
26) Benzo(a)pyrene	23.722	252	2348	0.070	ng/ul#	13
27) Indeno(1,2,3-cd)pyrene	26.287	276	9899	0.199	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.304	278	3653	0.094	ng/ul#	58
29) Benzo(g,h,i)perylene	27.048	276	1086	0.024	ng/ul#	26

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

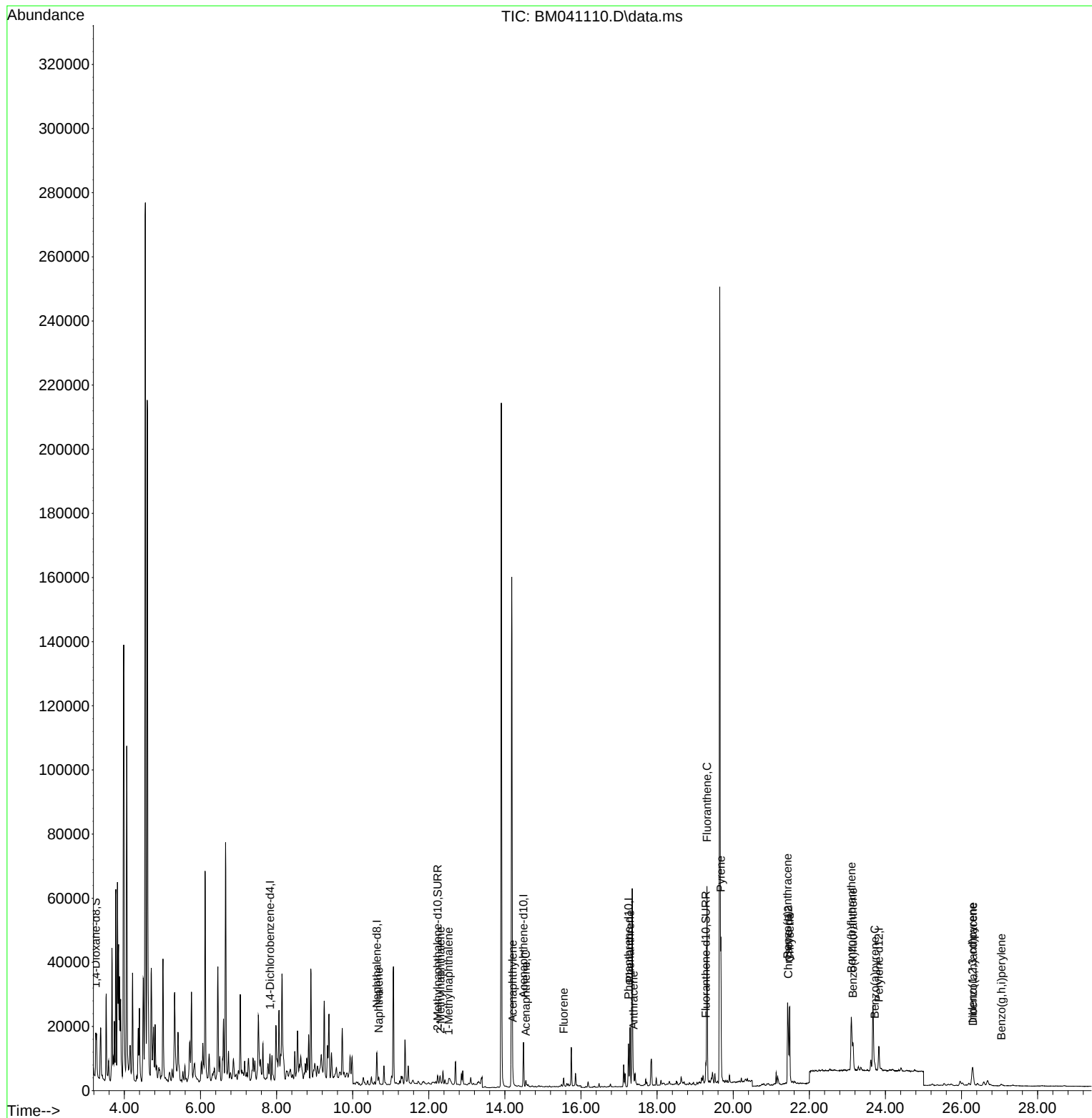
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041110.D
Acq On : 25 Jul 2023 17:42
Operator : MA/JU
Sample : 03534-21
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ALS Vial : 54 Sample Multiplier: 1

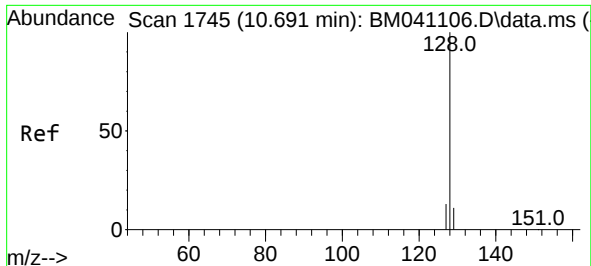
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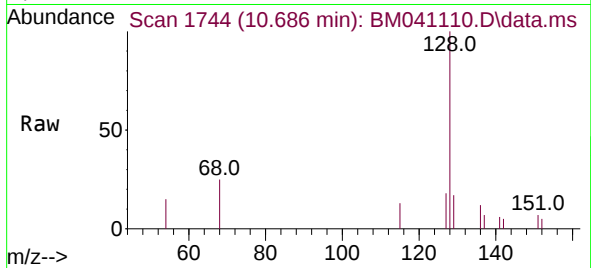
Quant Time: Jul 26 04:40:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

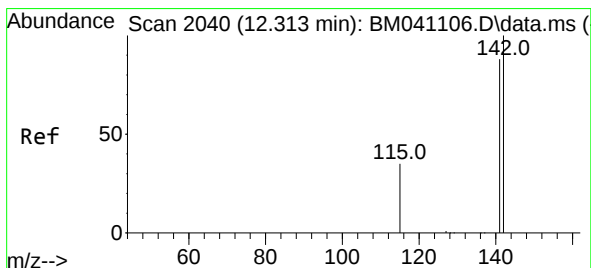
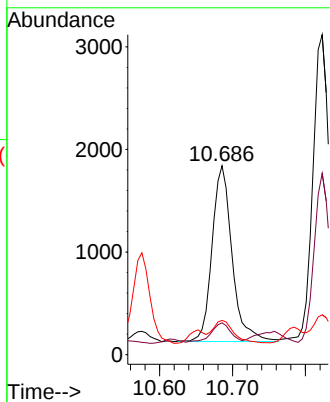
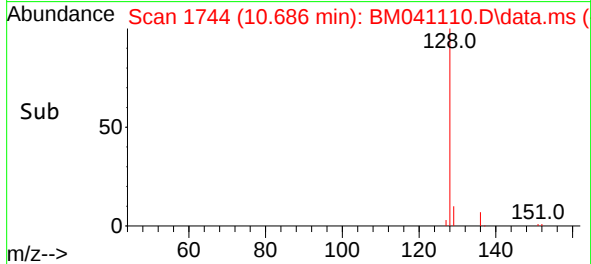
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:128 Resp: 3280
Ion Ratio Lower Upper
128 100
129 16.8 9.8 14.8
127 18.1 11.1 16.7

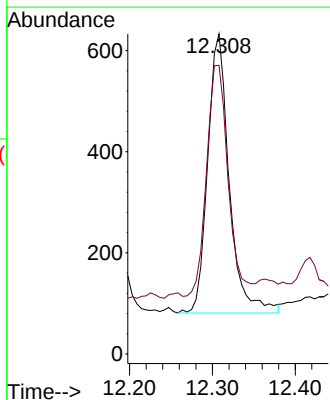
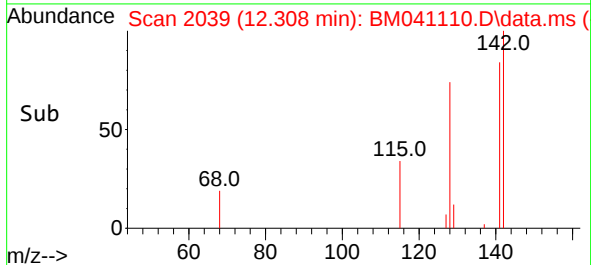
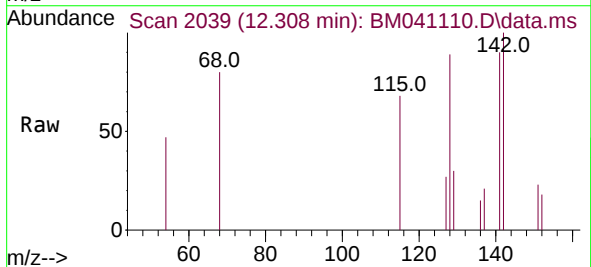
Manual Integrations
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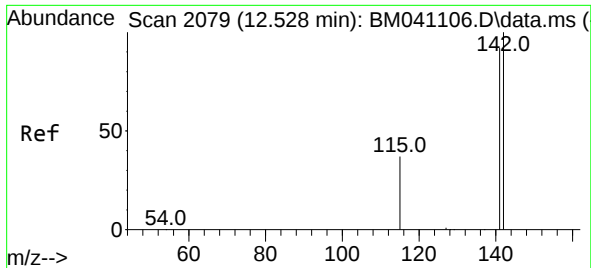
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.308 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

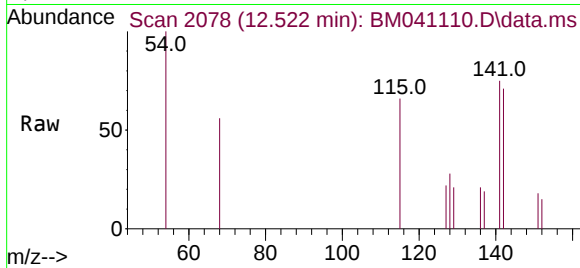
Tgt Ion:142 Resp: 998
Ion Ratio Lower Upper
142 100
141 83.3 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.522 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

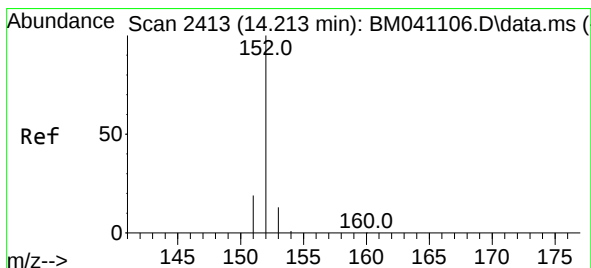
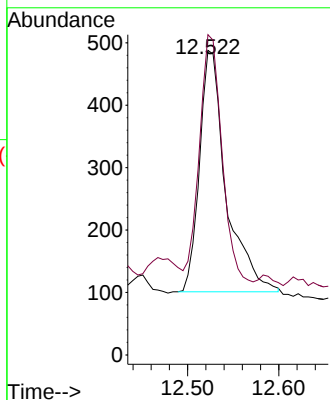
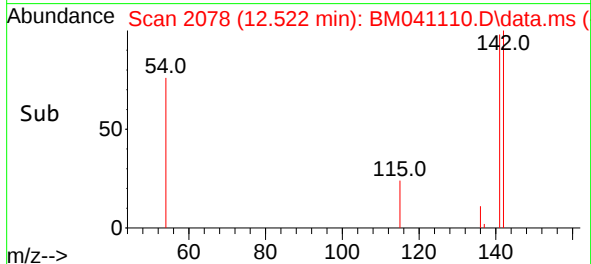
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:142 Resp: 789
Ion Ratio Lower Upper
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141 86.1 73.6 110.4

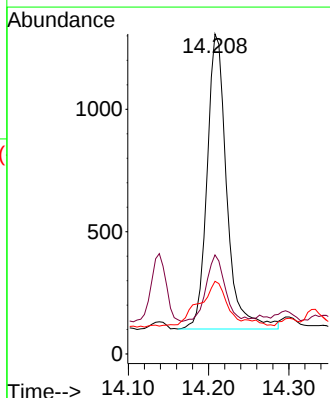
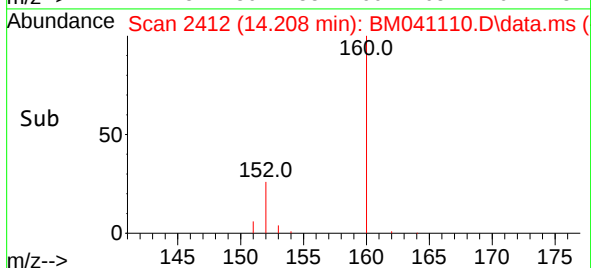
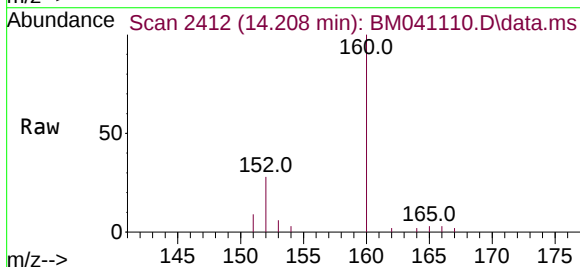
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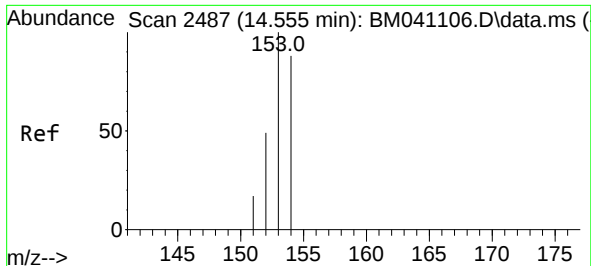
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.208 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

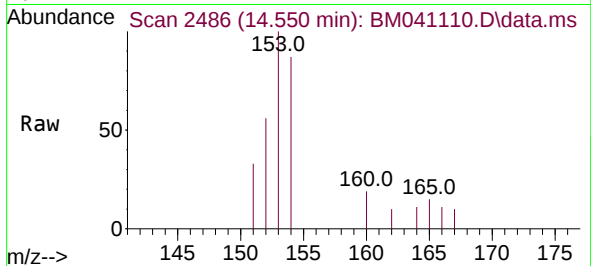
Tgt Ion:152 Resp: 2053
Ion Ratio Lower Upper
152 100
151 31.0 16.8 25.2#
153 22.7 11.4 17.2#





#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

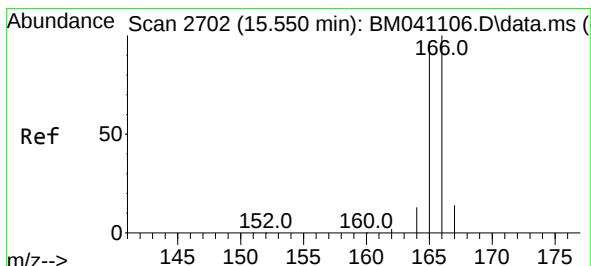
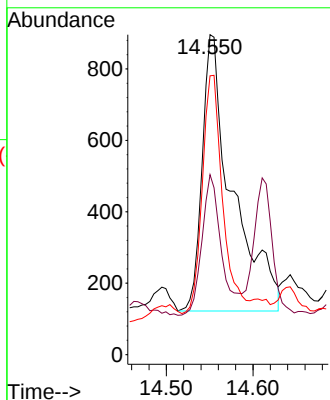
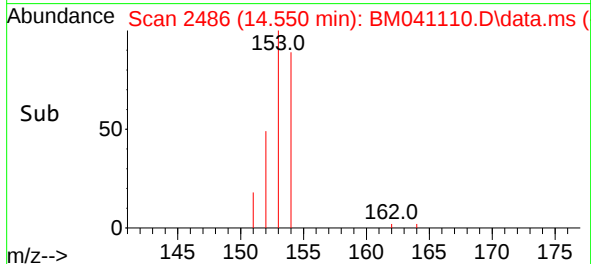
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:153 Resp: 187
Ion Ratio Lower Upper
153 100
152 56.3 40.2 60.4
154 87.2 70.3 105.5

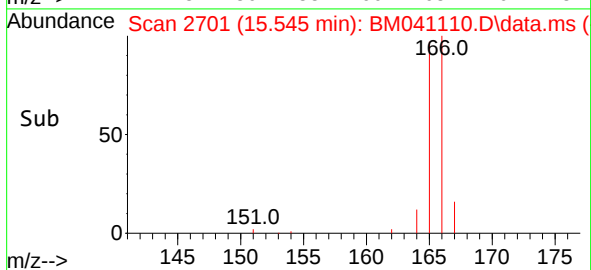
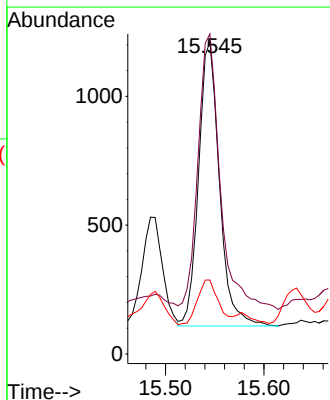
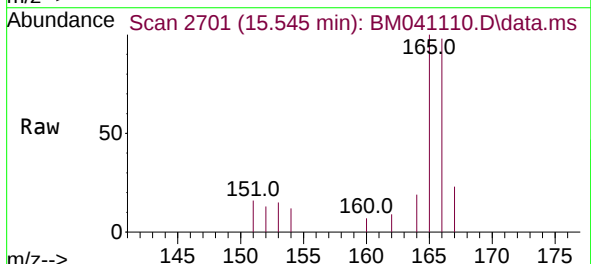
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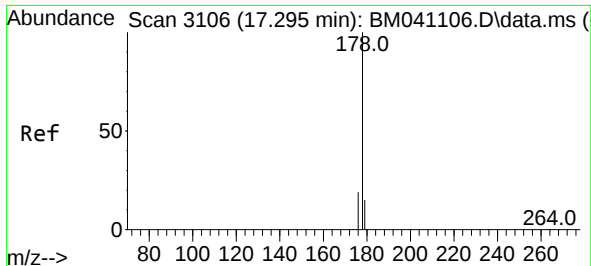
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

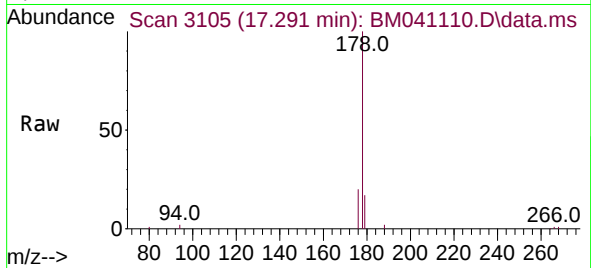
Tgt Ion:166 Resp: 1619
Ion Ratio Lower Upper
166 100
165 102.5 79.4 119.0
167 23.7 11.4 17.2#





#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

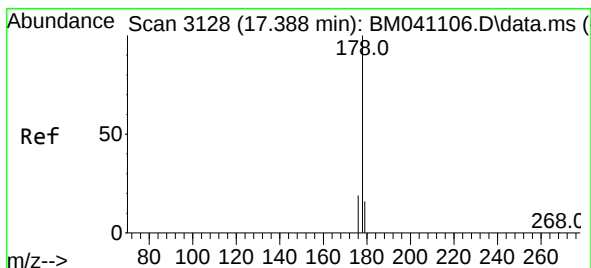
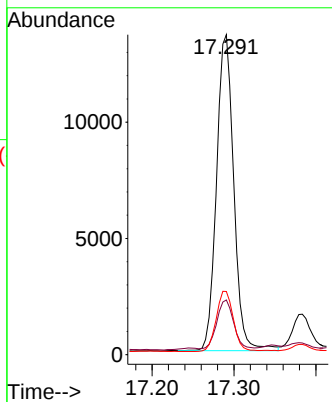
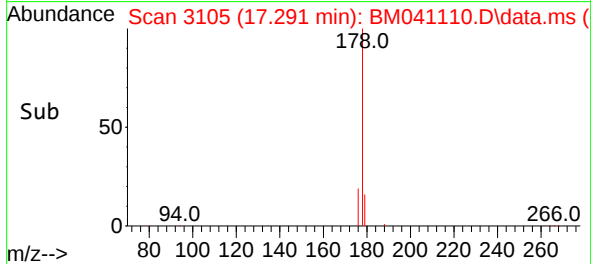
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:178 Resp: 19860
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 19.8 16.0 24.0

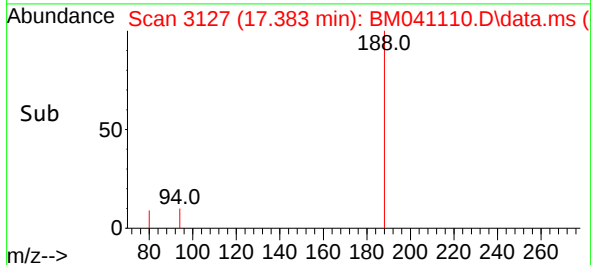
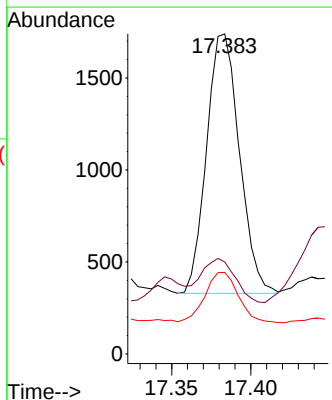
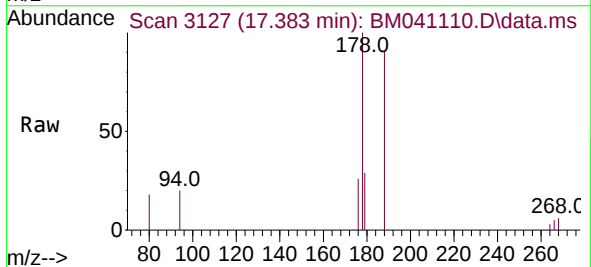
Manual Integrations
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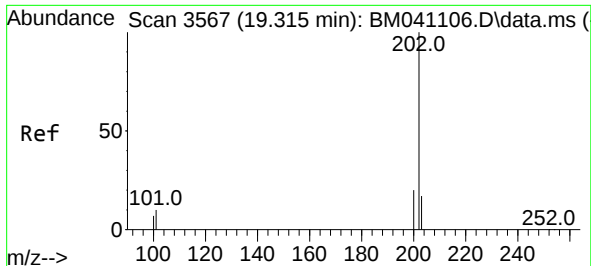
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#16
Anthracene
Concen: 0.051 ng/u1
RT: 17.383 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

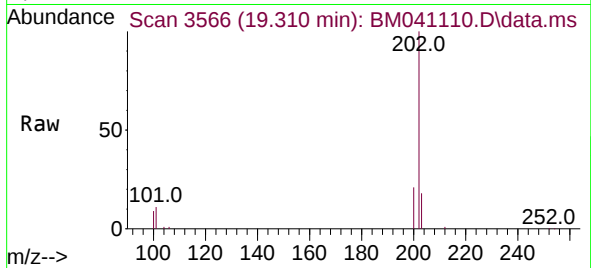
Tgt Ion:178 Resp: 2034
Ion Ratio Lower Upper
178 100
179 28.8 13.6 20.4#
176 25.5 16.0 24.0#





#19
Fluoranthene
Concen: 1.175 ng/uI
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

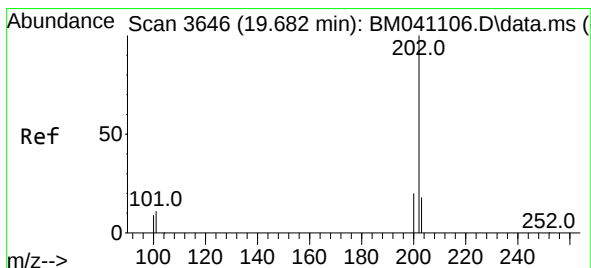
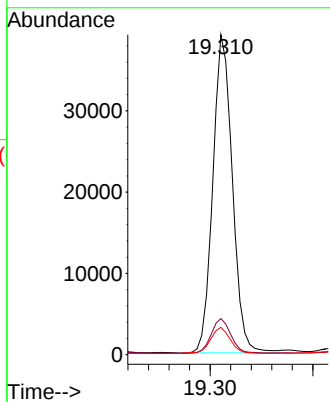
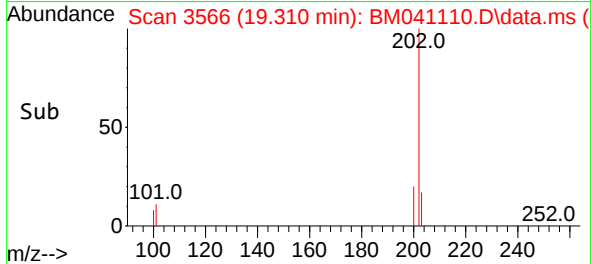
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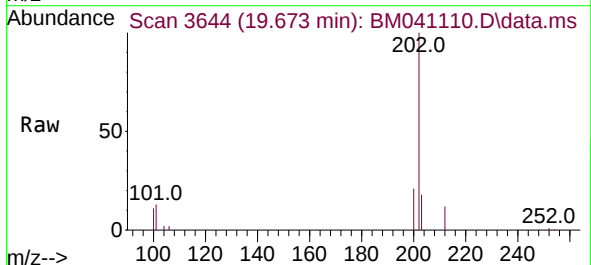
Tgt Ion:202 Resp: 5178
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.0
100 8.5 7.1 10.7

Manual Integrations
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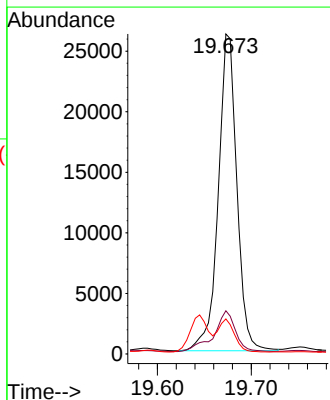
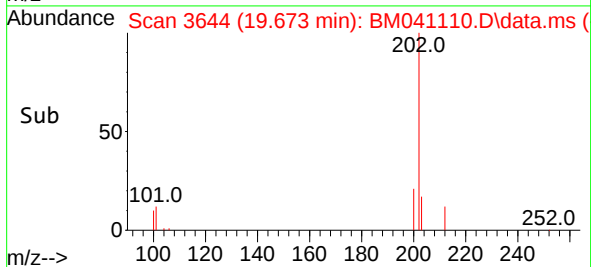
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

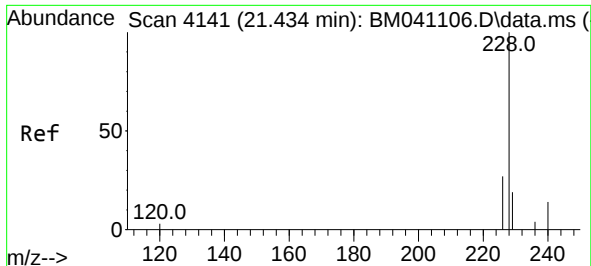


#20
Pyrene
Concen: 0.743 ng/uI
RT: 19.673 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42



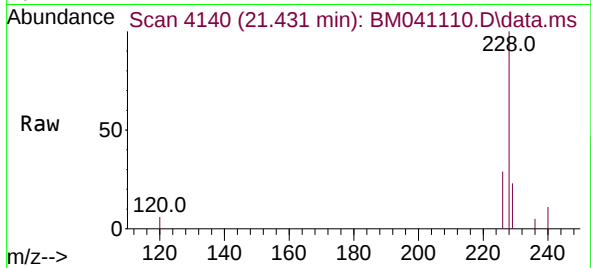
Tgt Ion:202 Resp: 36074
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 11.0 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.482 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

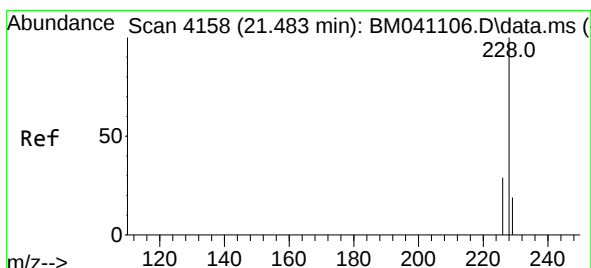
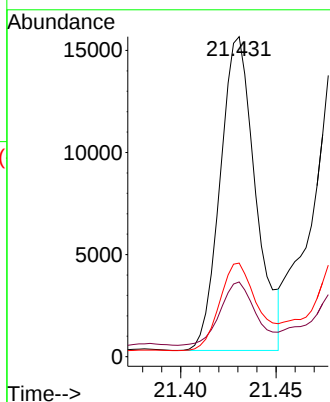
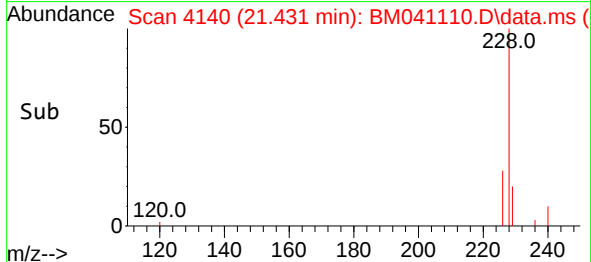
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:228 Resp: 19810
Ion Ratio Lower Upper
228 100
229 23.3 16.5 24.7
226 29.2 22.2 33.2

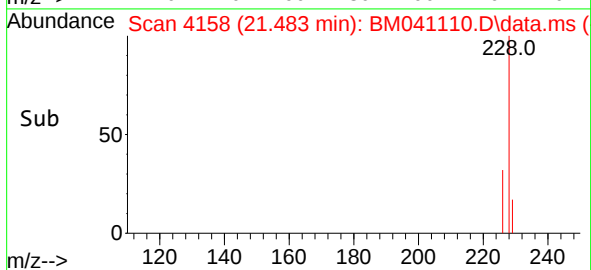
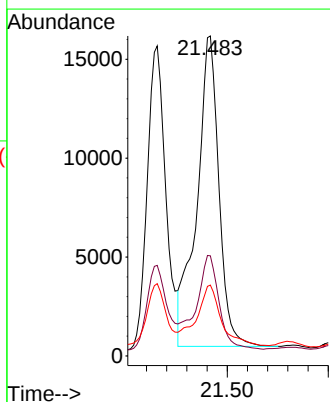
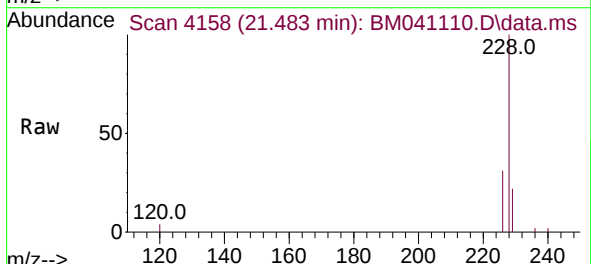
Manual Integrations
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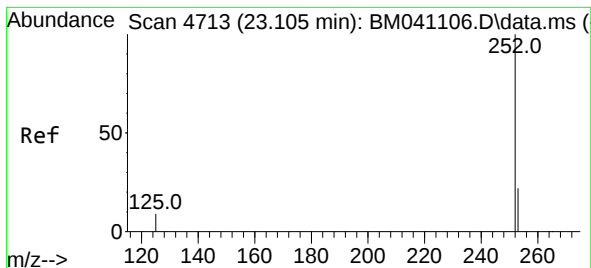
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#22
Chrysene
Concen: 0.503 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

Tgt Ion:228 Resp: 23898
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.4
229 22.2 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.710 ng/ul

RT: 23.105 min Scan# 4713

Delta R.T. -0.000 min

Lab File: BM041110.D

Acq: 25 Jul 2023 17:42

Instrument :

BNM

ClientSampleId :

A4727

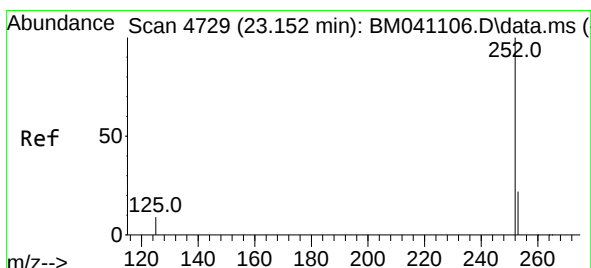
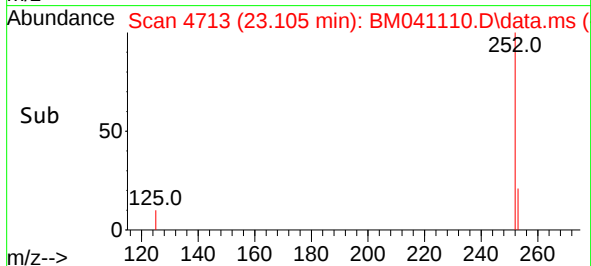
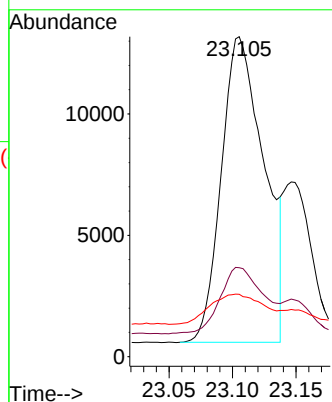
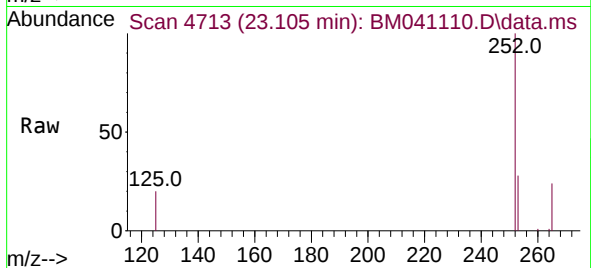
Tgt Ion:252	Resp:	2944
Ion Ratio	Lower	Upper
252	100	
253	27.8	0.0 57.6
125	19.5	0.0 33.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/27/2023



#25

Benzo(k)fluoranthene

Concen: 0.265 ng/ul m

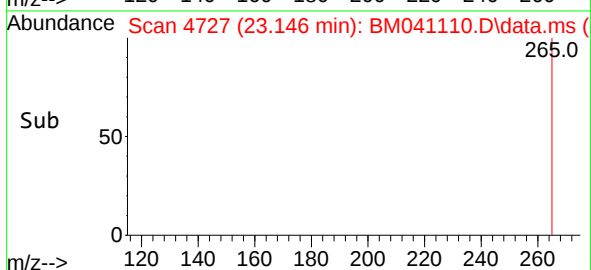
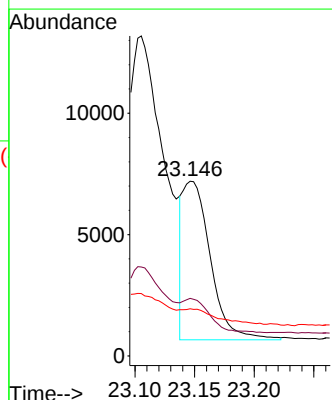
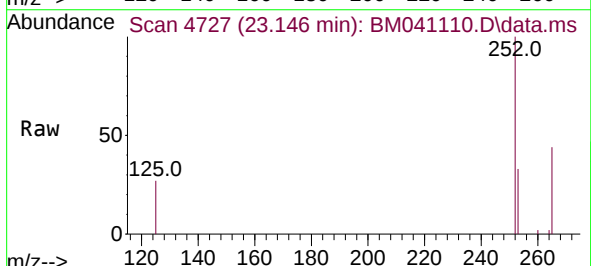
RT: 23.146 min Scan# 4727

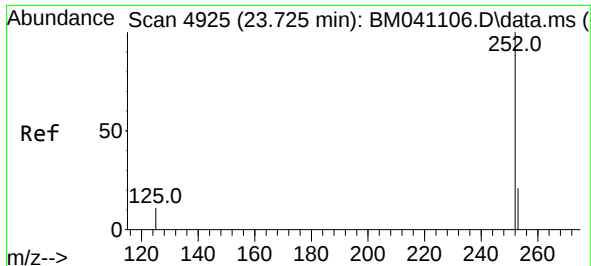
Delta R.T. -0.009 min

Lab File: BM041110.D

Acq: 25 Jul 2023 17:42

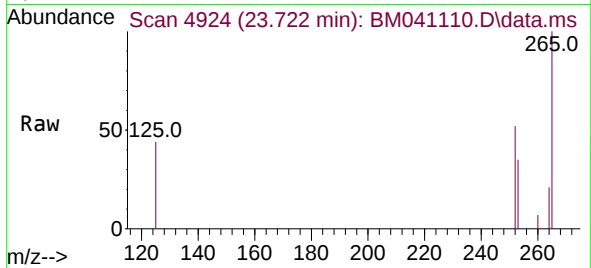
Tgt Ion:252	Resp:	10504
Ion Ratio	Lower	Upper
252	100	
253	32.9	22.8 34.2
125	27.0	13.5 20.3





#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.722 min Scan# 4925
Delta R.T. -0.006 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

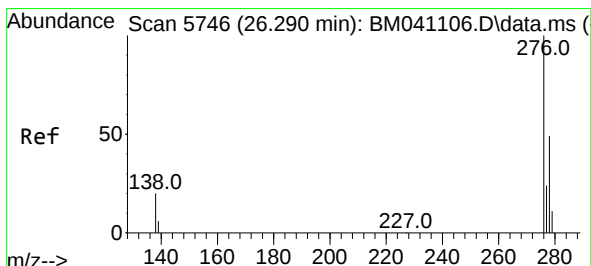
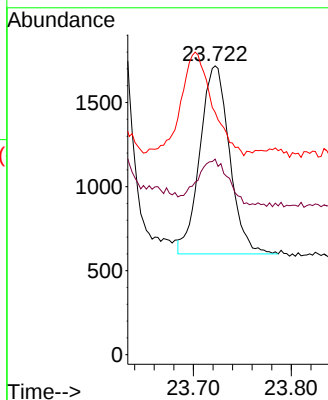
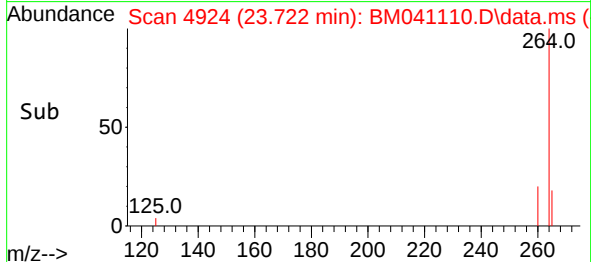
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:252 Resp: 2348
Ion Ratio Lower Upper
252 100
253 67.7 26.7 40.1
125 83.9 18.1 27.1

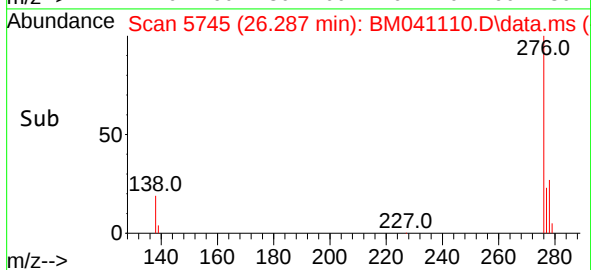
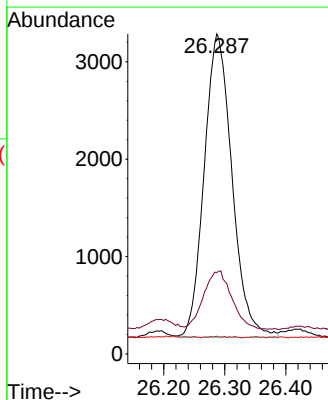
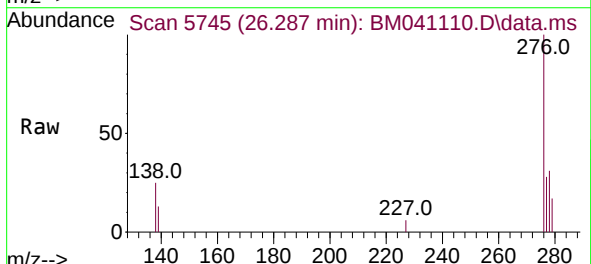
Manual Integrations
APPROVED

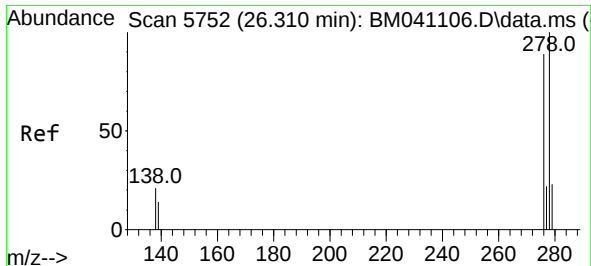
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.010 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

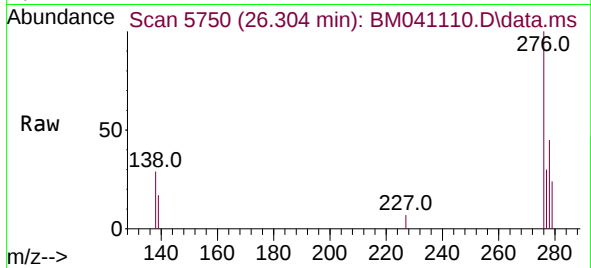
Tgt Ion:276 Resp: 9899
Ion Ratio Lower Upper
276 100
138 19.4 18.1 27.1
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.304 min Scan# 5750
Delta R.T. -0.014 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

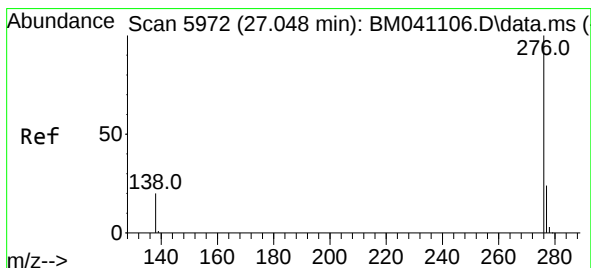
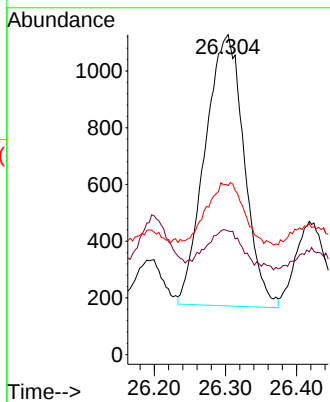
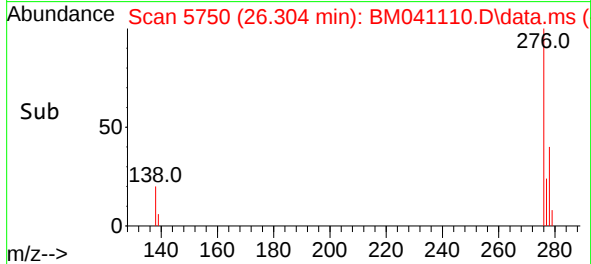
Instrument :
BNA_M
ClientSampleId :
A4727



Tgt Ion:278 Resp: 365
Ion Ratio Lower Upper
278 100
139 38.7 14.1 21.1#
279 52.8 25.0 37.4#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.004 min
Lab File: BM041110.D
Acq: 25 Jul 2023 17:42

Tgt Ion:276 Resp: 1086
Ion Ratio Lower Upper
276 100
138 62.5 18.2 27.2#
277 59.6 20.6 30.8#

