

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041121.D
 Acq On : 26 Jul 2023 00:31
 Operator : MA/JU
 Sample : 03540-05DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4732DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 04:42:34 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	3759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.631	136	12745	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.486	164	6844	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	15254	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	12243	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	13414	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	1663	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	850	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.278	212	1711	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	1352	0.033	ng/ul#	79
7) 2-Methylnaphthalene	12.308	142	711	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.528	142	798	0.038	ng/ul	97
10) Acenaphthylene	14.208	152	5679	0.196	ng/ul	97
11) Acenaphthene	14.550	153	5560	0.228	ng/ul	100
12) Fluorene	15.545	166	7548	0.284	ng/ul	99
15) Phenanthrene	17.286	178	122965	2.615	ng/ul	98
16) Anthracene	17.379	178	24451	0.642	ng/ul	99
19) Fluoranthene	19.310	202	184183	4.198	ng/ul	95
20) Pyrene	19.673	202	63229	1.307	ng/ul	98
21) Benzo(a)anthracene	21.425	228	91479	2.235	ng/ul	99
22) Chrysene	21.474	228	77054	1.630	ng/ul	99
24) Benzo(b)fluoranthene	23.097	252	77785	1.455	ng/ul	91
25) Benzo(k)fluoranthene	23.140	252	33502m	0.657	ng/ul	
26) Benzo(a)pyrene	23.713	252	8482	0.196	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.273	276	10871	0.170	ng/ul	95
28) Dibenzo(a,h)anthracene	26.284	278	9999	0.199	ng/ul#	90

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

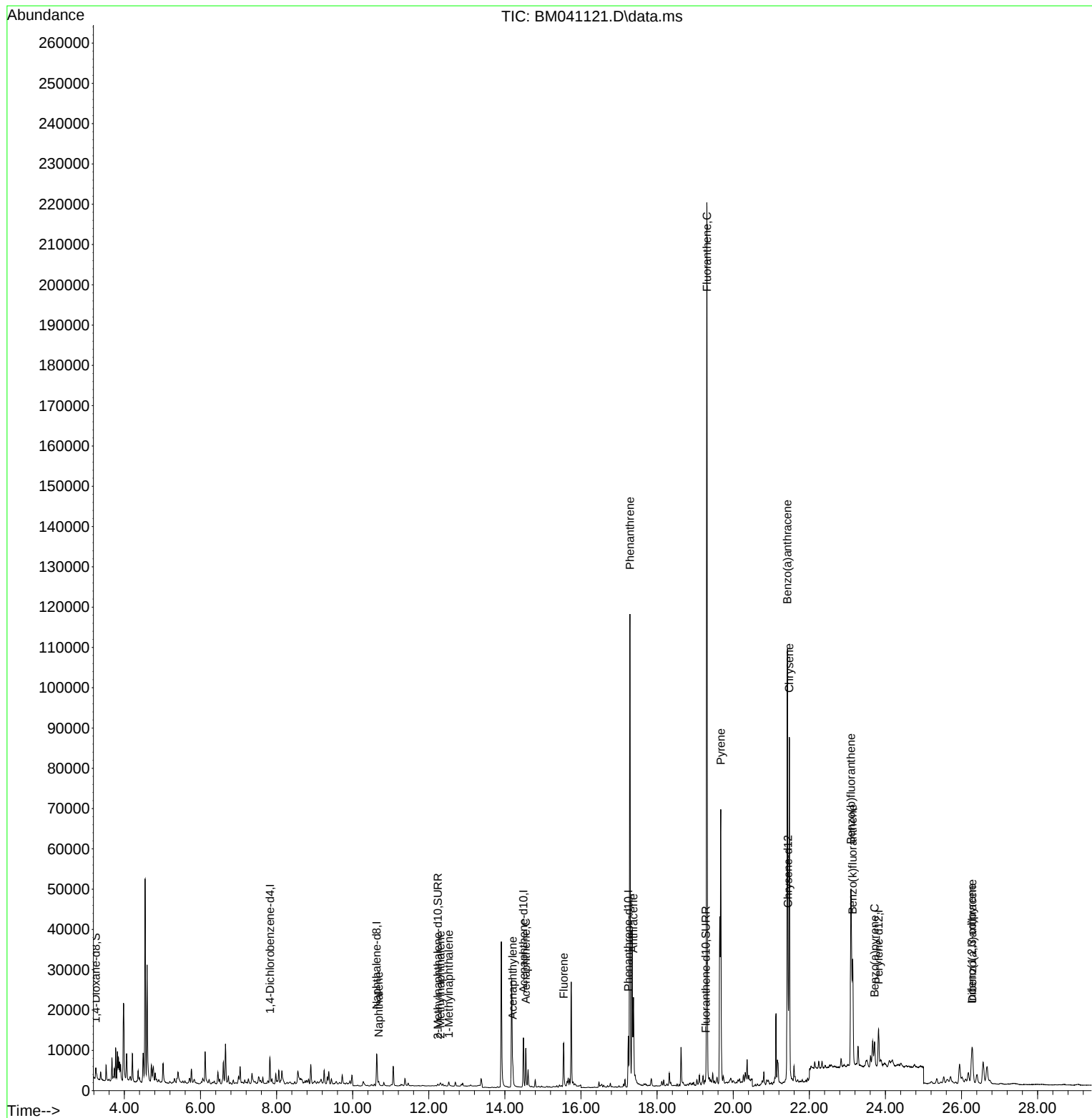
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041121.D
Acq On : 26 Jul 2023 00:31
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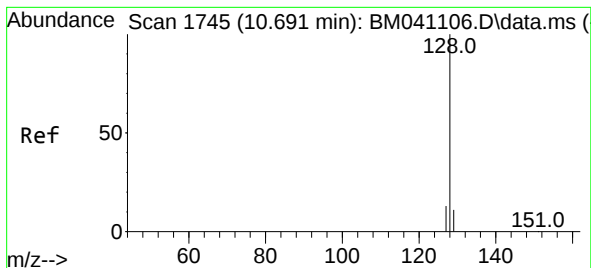
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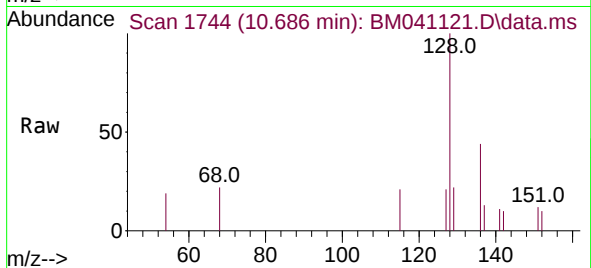
Quant Time: Jul 26 04:42:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

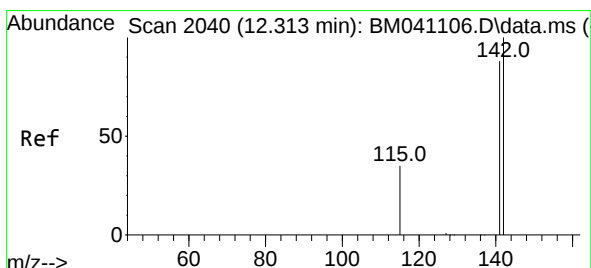
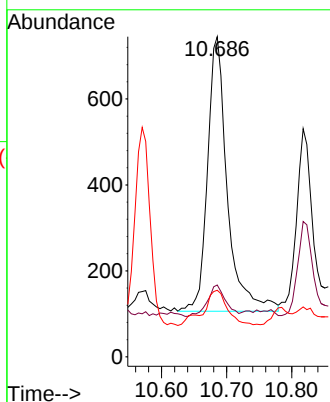
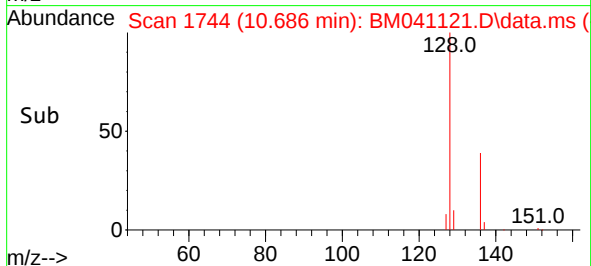
Instrument :
BNA_M
ClientSampleId :
A4732DL



Tgt Ion:128 Resp: 1352
Ion Ratio Lower Upper
128 100
129 22.4 9.8 14.8
127 20.8 11.1 16.7

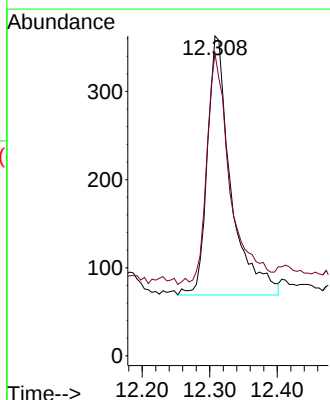
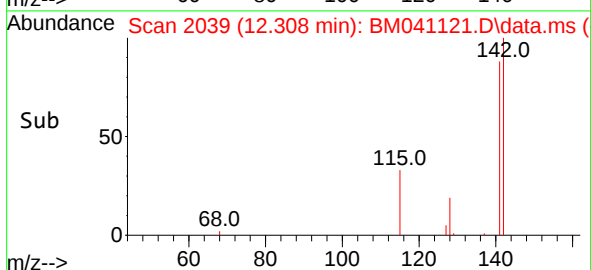
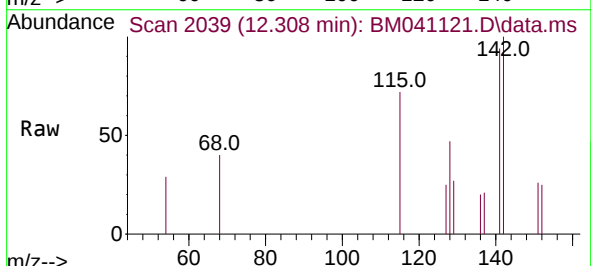
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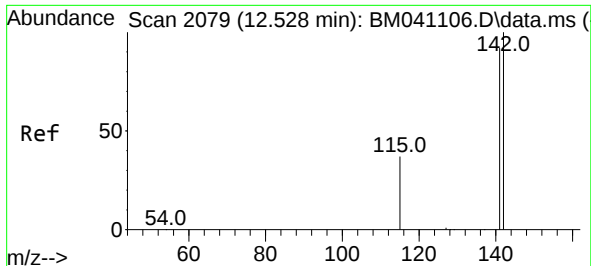
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.308 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

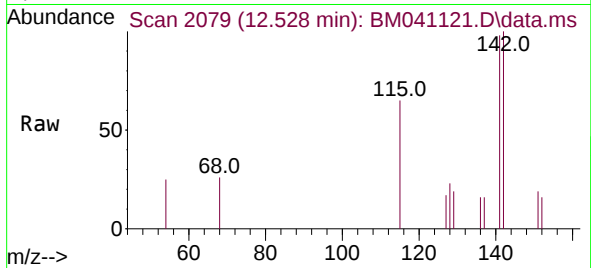
Tgt Ion:142 Resp: 711
Ion Ratio Lower Upper
142 100
141 88.7 73.3 109.9





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

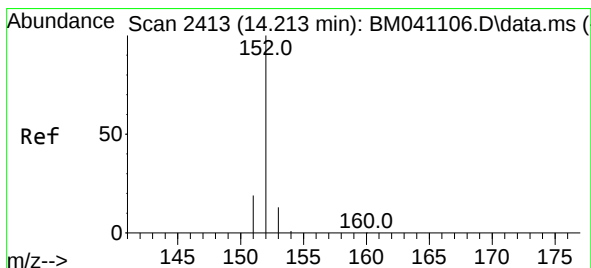
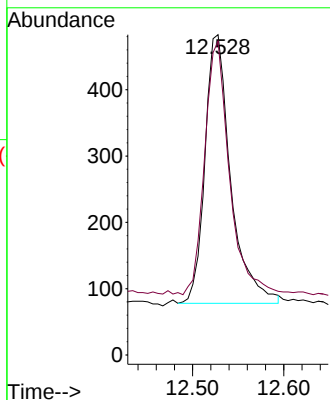
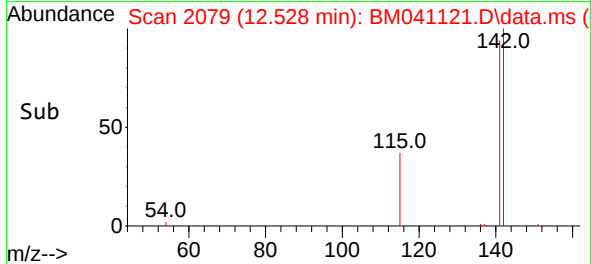
Instrument :
BNA_M
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A4732DL



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Ion Ratio Lower Upper
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141 89.6 73.6 110.4

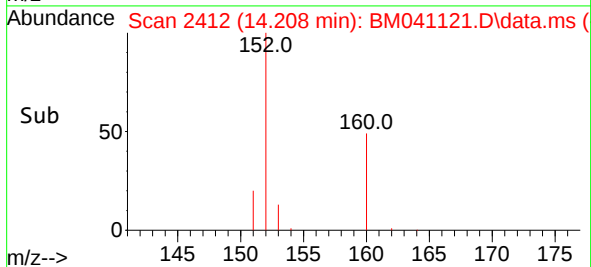
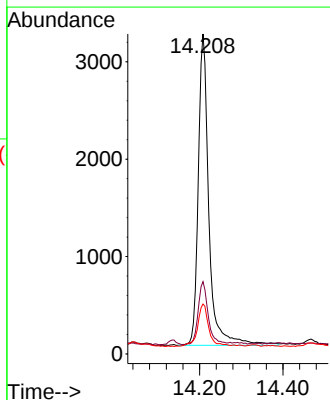
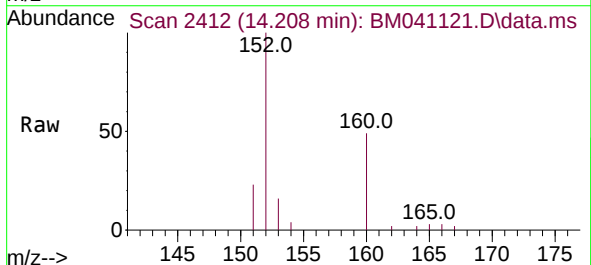
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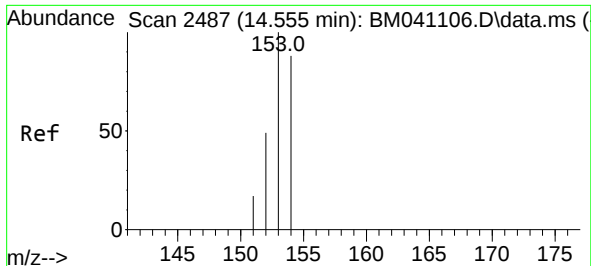
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 14.208 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

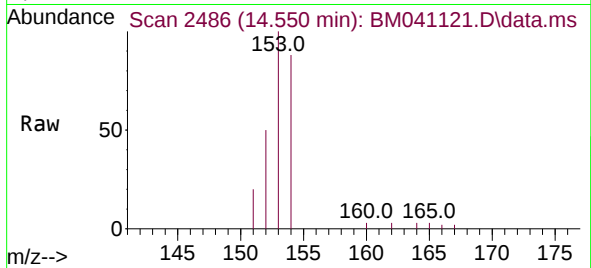
Tgt Ion:152 Resp: 5679
Ion Ratio Lower Upper
152 100
151 22.6 16.8 25.2
153 15.6 11.4 17.2





#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

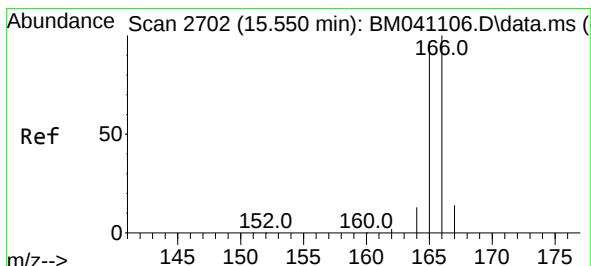
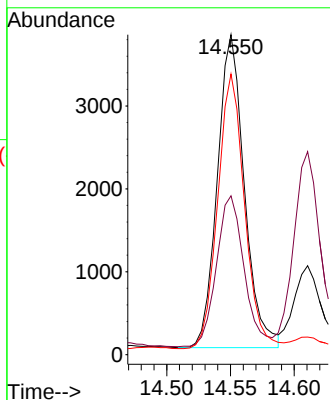
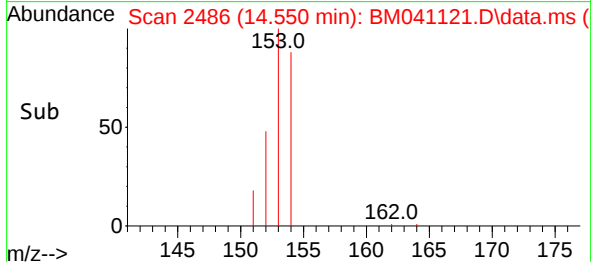
Instrument :
BNA_M
ClientSampleId :
A4732DL



Tgt Ion:153 Resp: 5560
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 87.7 70.3 105.5

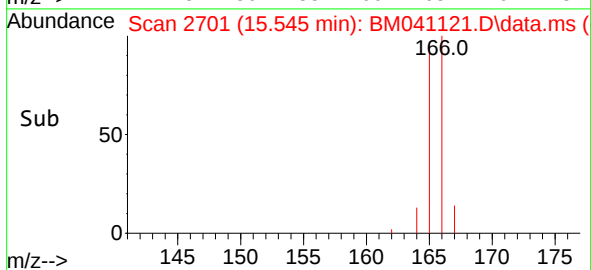
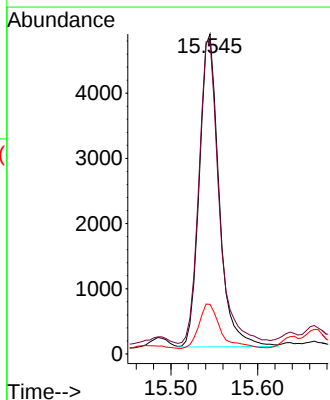
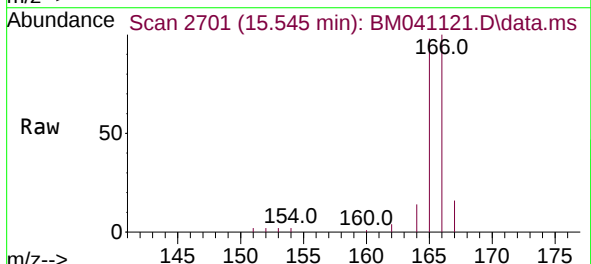
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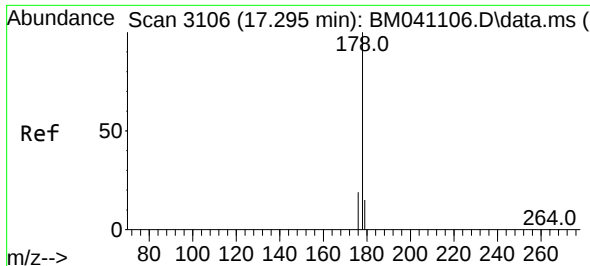
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

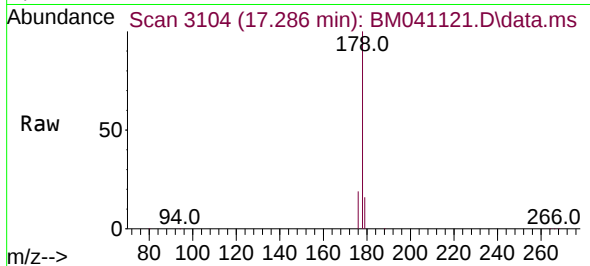
Tgt Ion:166 Resp: 7548
Ion Ratio Lower Upper
166 100
165 97.9 79.4 119.0
167 15.5 11.4 17.2





#15
Phenanthrene
Concen: 2.615 ng/u1
RT: 17.286 min Scan# 3106
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

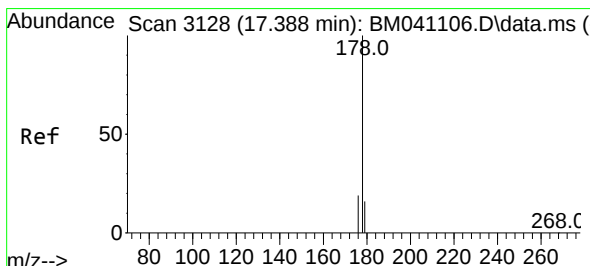
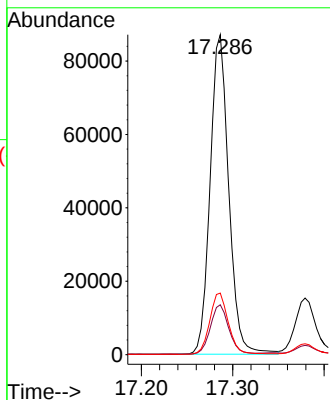
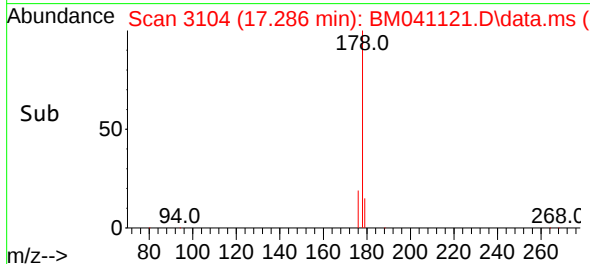
Instrument :
BNA_M
ClientSampleId :
A4732DL



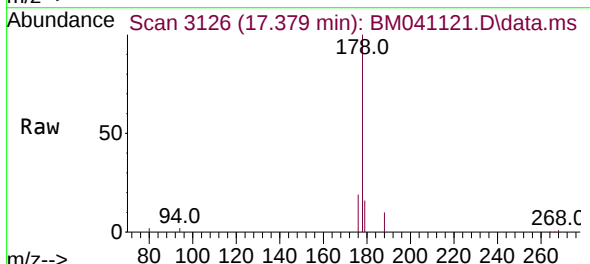
Tgt Ion:178 Resp: 12296
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.2 16.0 24.0

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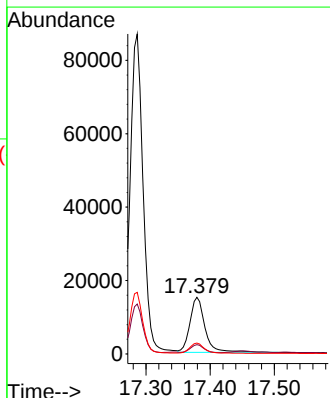
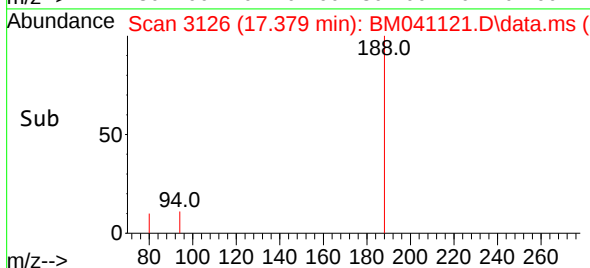
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

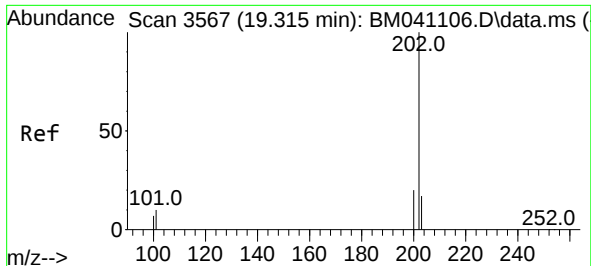


#16
Anthracene
Concen: 0.642 ng/u1
RT: 17.379 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31



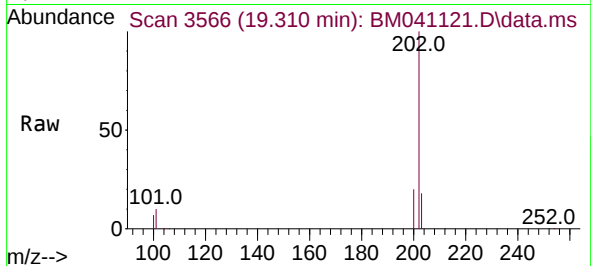
Tgt Ion:178 Resp: 24451
Ion Ratio Lower Upper
178 100
179 16.3 13.6 20.4
176 19.4 16.0 24.0





#19
Fluoranthene
Concen: 4.198 ng/ul
RT: 19.310 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

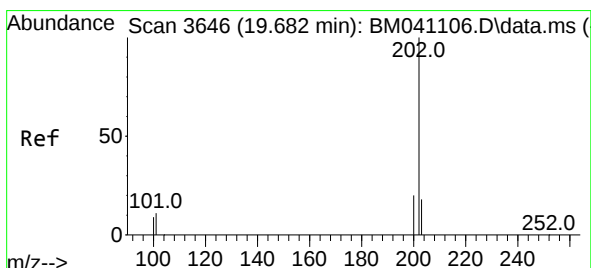
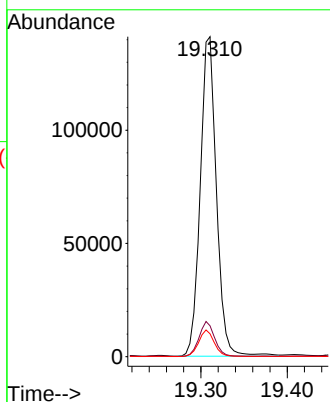
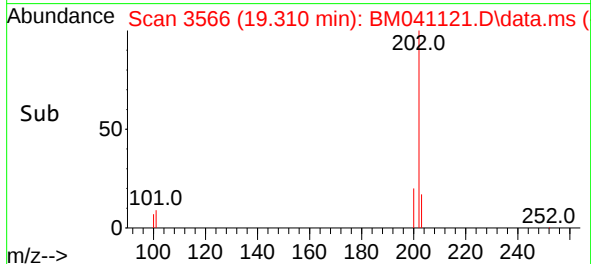
Instrument :
BNA_M
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A4732DL



Tgt Ion:202 Resp: 18418
Ion Ratio Lower Upper
202 100
101 9.7 9.4 14.0
100 7.2 7.1 10.7

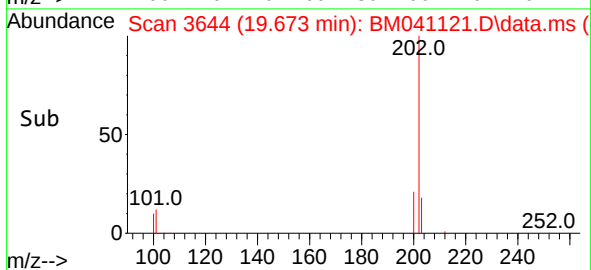
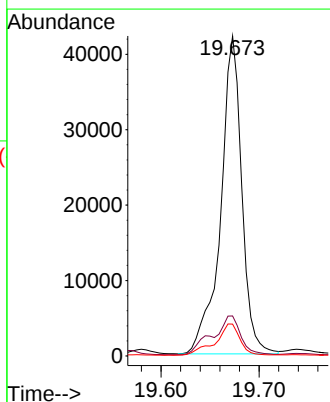
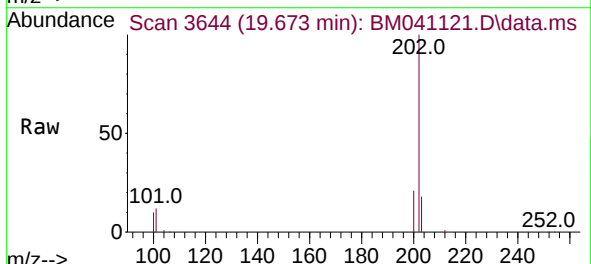
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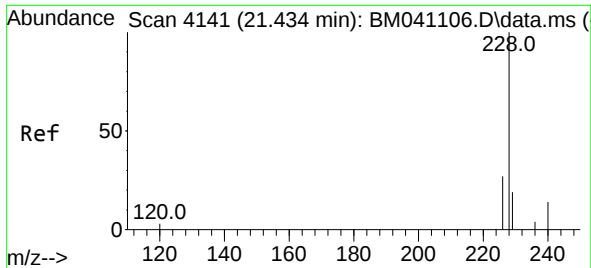
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#20
Pyrene
Concen: 1.307 ng/ul
RT: 19.673 min Scan# 3644
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

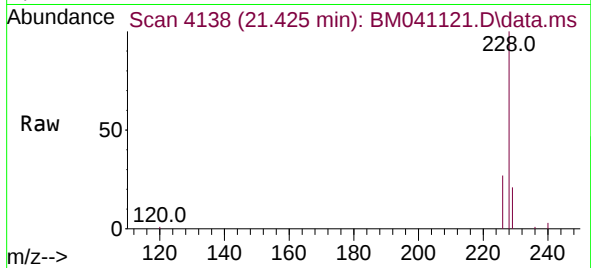
Tgt Ion:202 Resp: 63229
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 10.0 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.235 ng/ul
RT: 21.425 min Scan# 4141
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

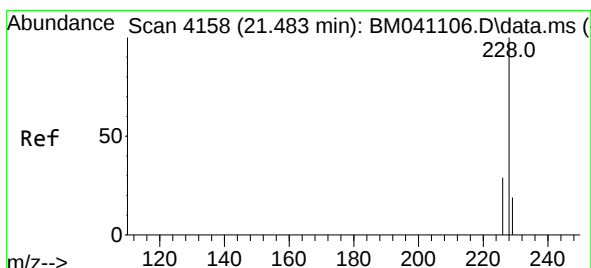
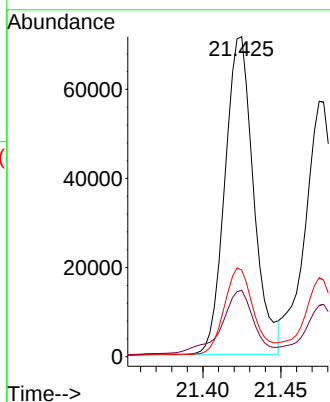
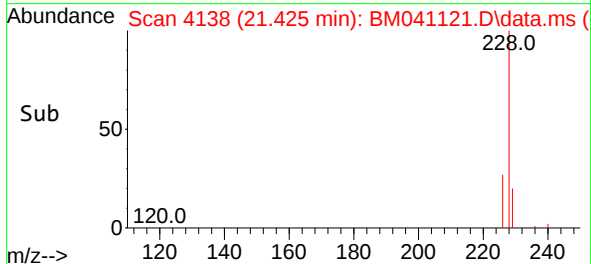
Instrument :
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A4732DL



Tgt Ion:228 Resp: 91479
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 27.1 22.2 33.2

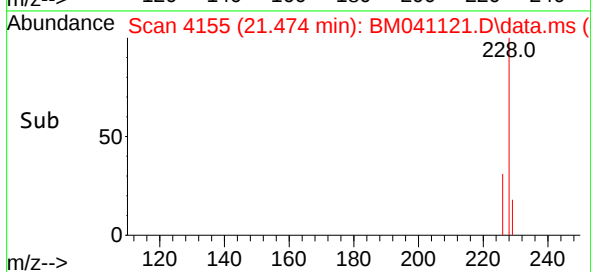
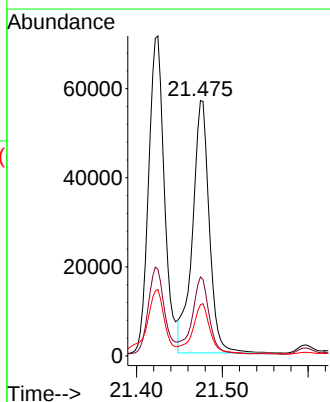
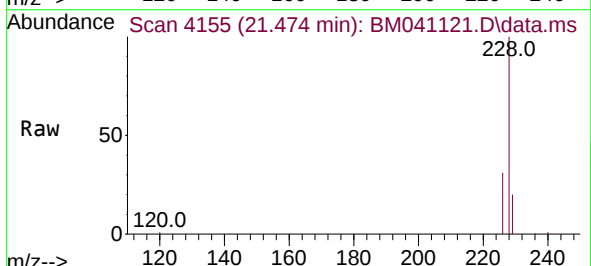
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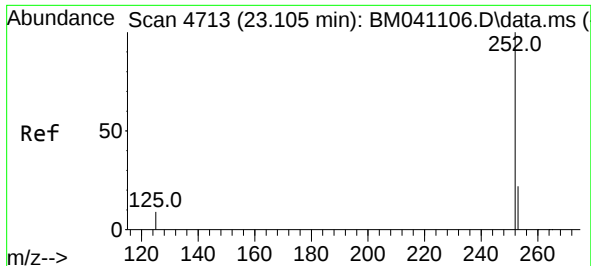
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#22
Chrysene
Concen: 1.630 ng/ul
RT: 21.474 min Scan# 4155
Delta R.T. -0.012 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

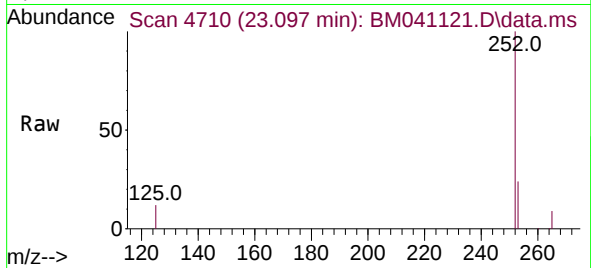
Tgt Ion:228 Resp: 77054
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.455 ng/ul
RT: 23.097 min Scan# 4713
Delta R.T. -0.009 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

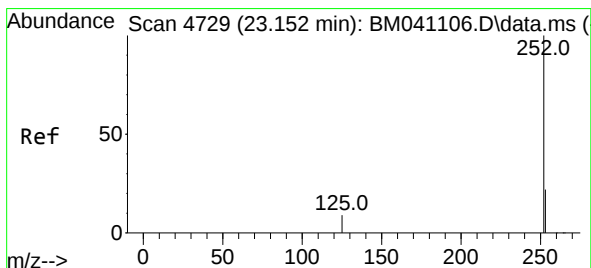
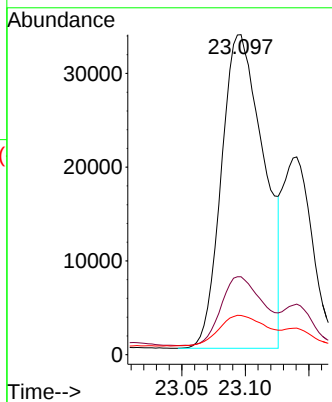
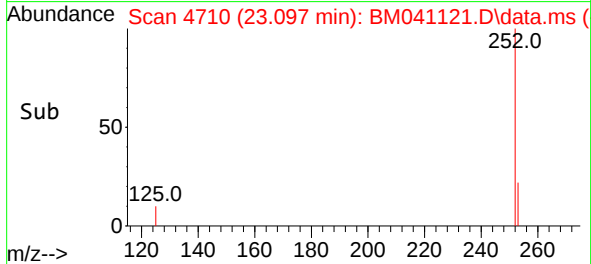
Instrument :
BNA_M
ClientSampleId :
A4732DL



Tgt Ion:252 Resp: 7778
Ion Ratio Lower Upper
252 100
253 24.3 0.0 57.6
125 12.3 0.0 33.6

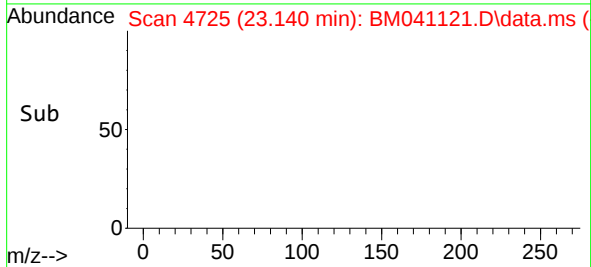
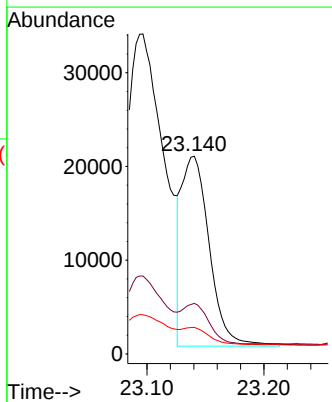
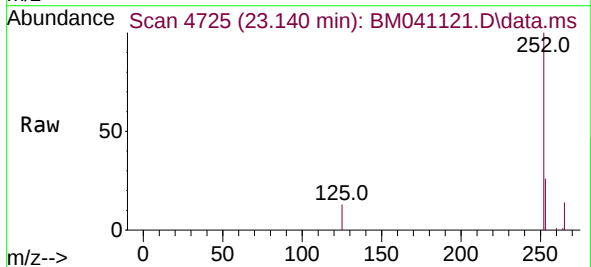
Manual Integrations
APPROVED

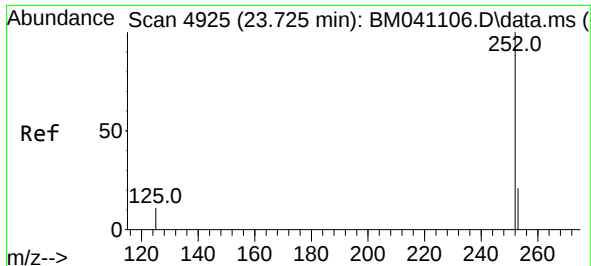
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.657 ng/ul m
RT: 23.140 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

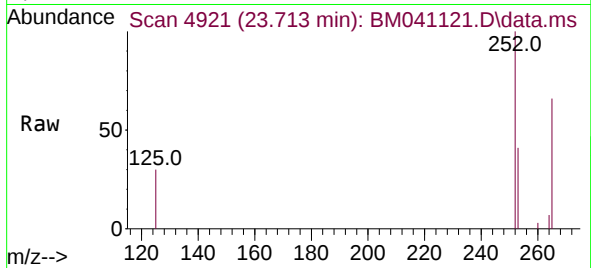
Tgt Ion:252 Resp: 33502
Ion Ratio Lower Upper
252 100
253 25.6 22.8 34.2
125 13.4 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.713 min Scan# 4925
Delta R.T. -0.015 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31

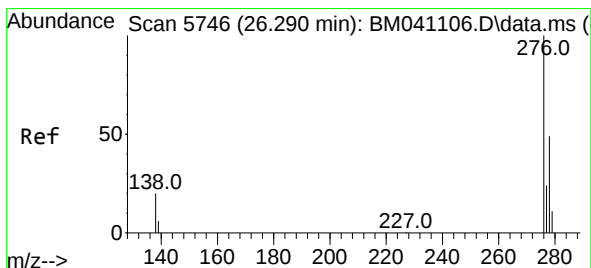
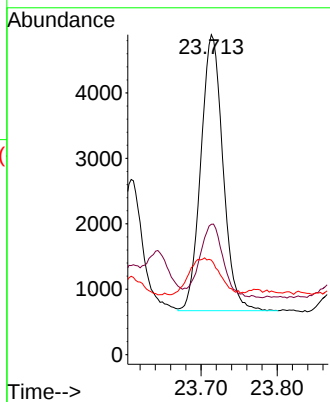
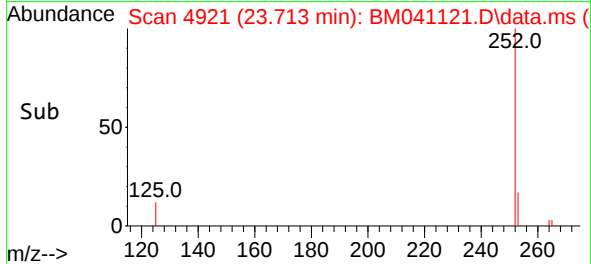
Instrument :
BNA_M
ClientSampleId :
A4732DL



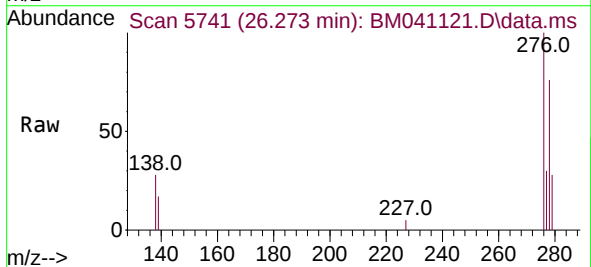
Tgt Ion:252 Resp: 848
Ion Ratio Lower Upper
252 100
253 40.7 26.7 40.1
125 29.5 18.1 27.1

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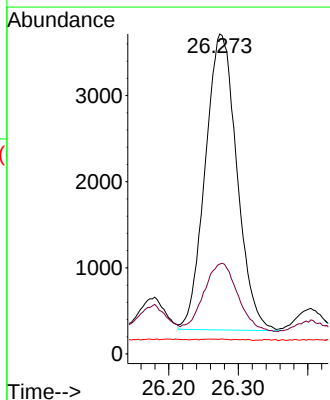
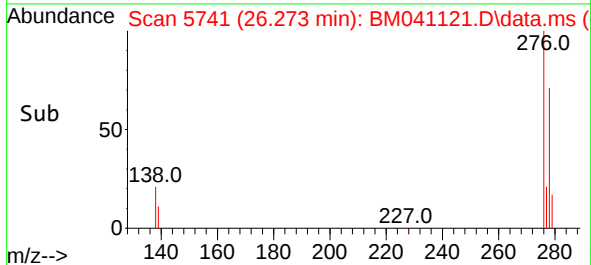
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

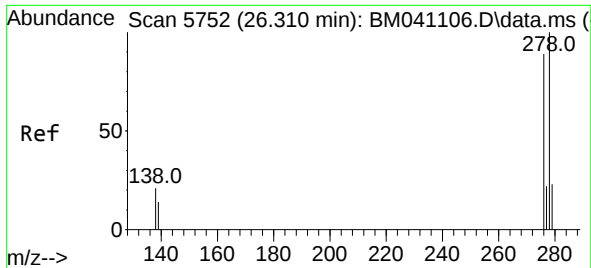


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng/ul
RT: 26.273 min Scan# 5741
Delta R.T. -0.024 min
Lab File: BM041121.D
Acq: 26 Jul 2023 00:31



Tgt Ion:276 Resp: 10871
Ion Ratio Lower Upper
276 100
138 24.9 18.1 27.1
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.199 ng/ul

RT: 26.284 min Scan# 51

Delta R.T. -0.034 min

Lab File: BM041121.D

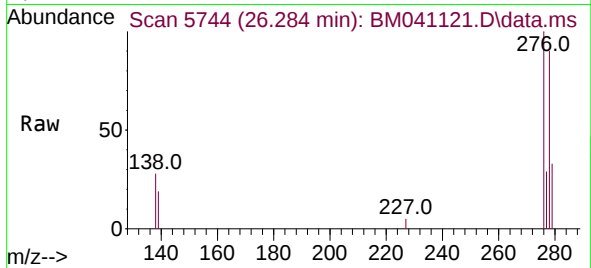
Acq: 26 Jul 2023 00:31

Instrument :

BNA_M

ClientSampleId :

A4732DL



Tgt Ion:278 Resp: 999

Ion Ratio Lower Upper

278 100

139 21.6 14.1 21.1

279 37.2 25.0 37.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/27/2023

