

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040401.D
 Acq On : 26 Jun 2023 14:49
 Operator : MA/JU
 Sample : 03084-09DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7558	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	24710	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	10456	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	18142	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12475	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	13538	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	6012	0.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1170	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	1540	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.805	128	10299	0.151	ng/ul#	95
7) 2-Methylnaphthalene	12.417	142	3435	0.086	ng/ul	100
8) 1-Methylnaphthalene	12.637	142	2102	0.053	ng/ul	98
10) Acenaphthylene	14.309	152	10116	0.217	ng/ul	97
11) Acenaphthene	14.651	153	1603	0.041	ng/ul	96
12) Fluorene	15.636	166	1630	0.039	ng/ul#	92
15) Phenanthrene	17.374	178	38710	0.687	ng/ul	100
16) Anthracene	17.467	178	9082	0.192	ng/ul#	95
19) Fluoranthene	19.389	202	101472	1.915	ng/ul	96
20) Pyrene	19.751	202	83451	1.469	ng/ul	98
21) Benzo(a)anthracene	21.497	228	44446	1.053	ng/ul	96
22) Chrysene	21.550	228	51808	1.076	ng/ul	97
24) Benzo(b)fluoranthene	23.192	252	79423	1.516	ng/ul	94
25) Benzo(k)fluoranthene	23.236	252	27499m	0.533	ng/ul	
26) Benzo(a)pyrene	23.821	252	47871	1.014	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.434	276	43727	0.665	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.447	278	10786	0.210	ng/ul#	83
29) Benzo(g,h,i)perylene	27.205	276	43167	0.749	ng/ul	99

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

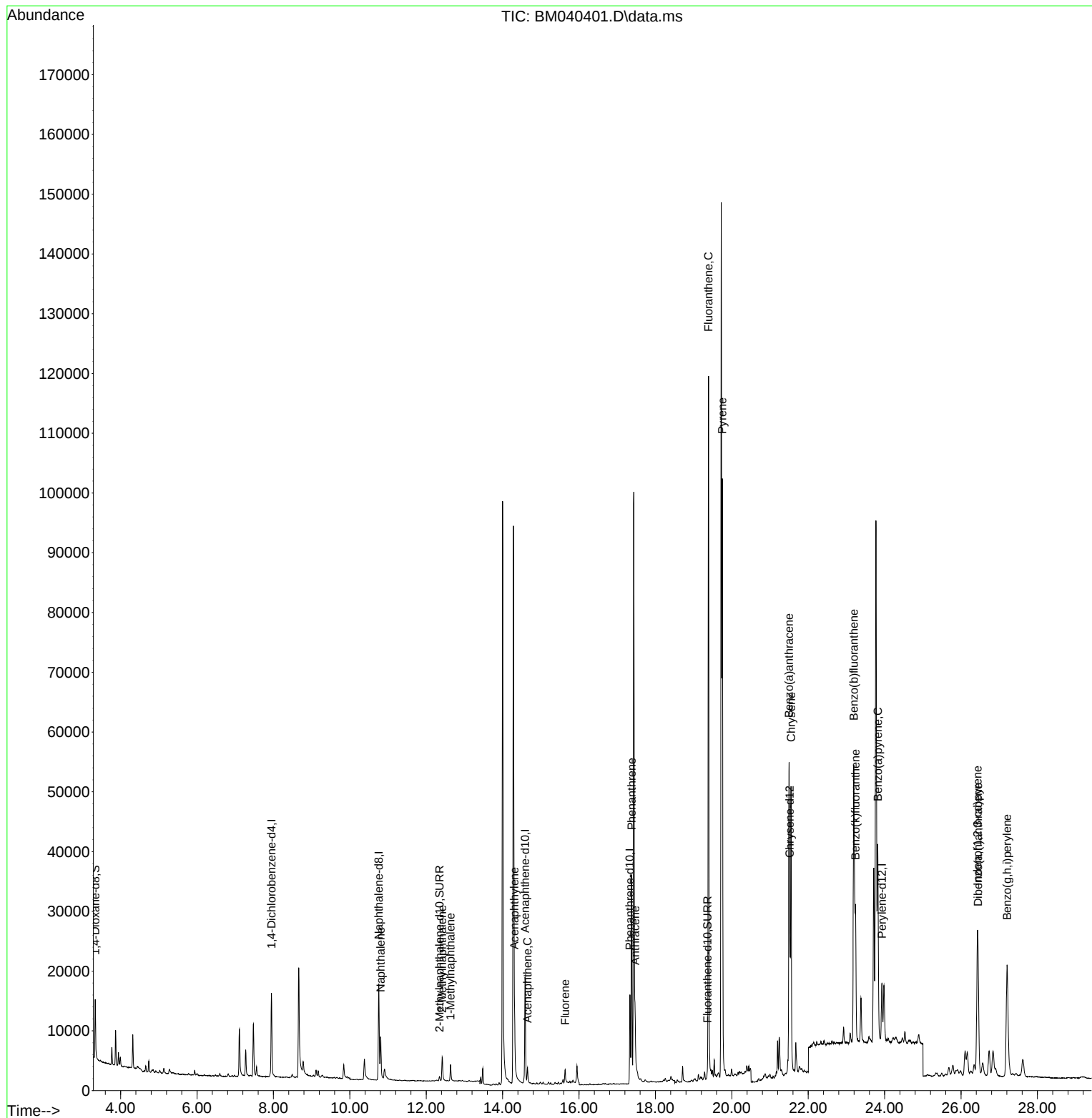
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040401.D
Acq On : 26 Jun 2023 14:49
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ALS Vial : 19 Sample Multiplier: 1

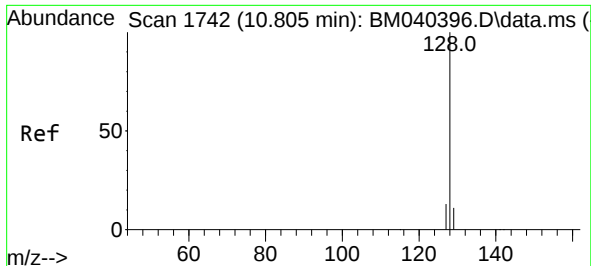
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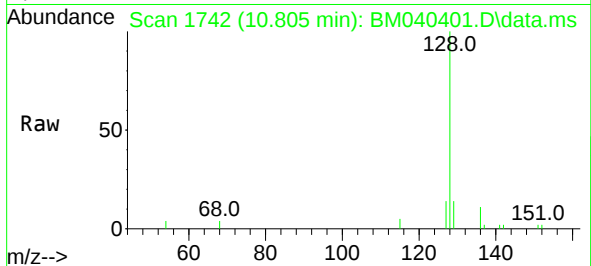
Quant Time: Jun 27 04:25:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

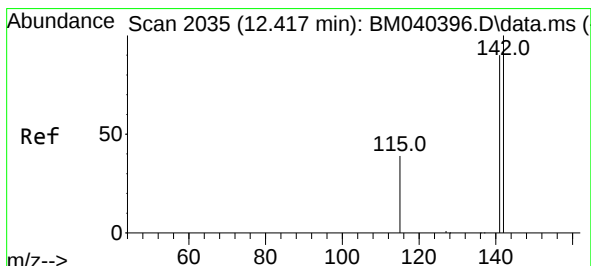
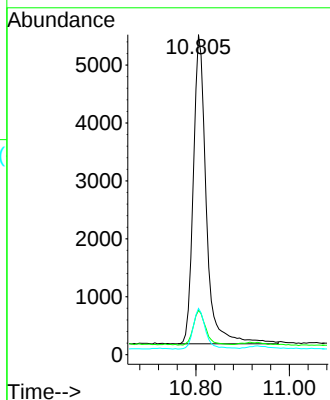
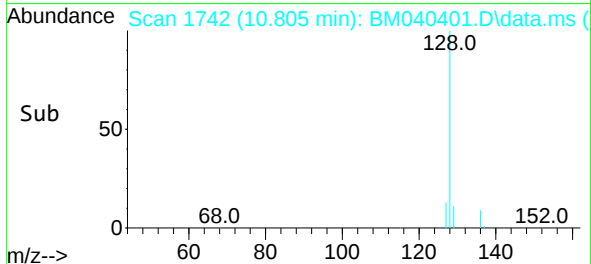
Instrument :
BNA_M
ClientSampleId :
DCFM6DL



Tgt Ion:128 Resp: 10295
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.5 10.6 15.8

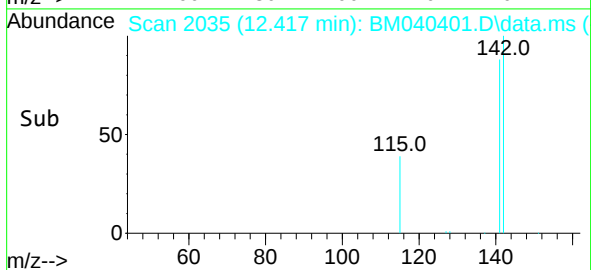
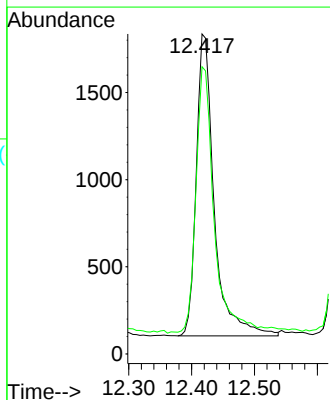
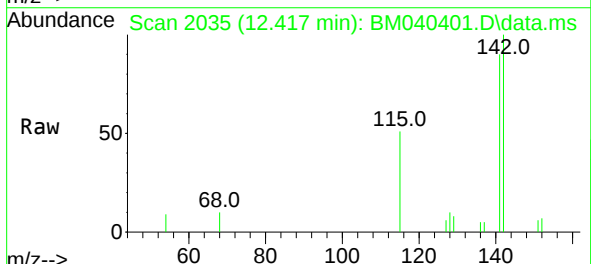
Manual Integrations
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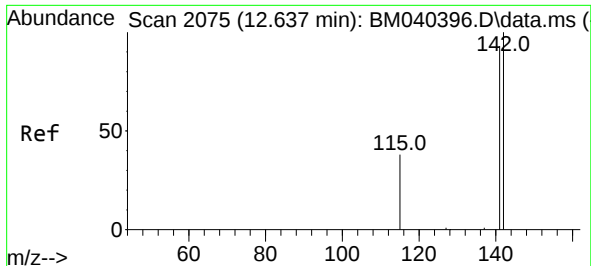
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

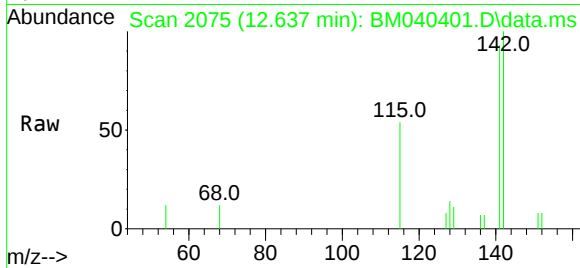
Tgt Ion:142 Resp: 3435
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

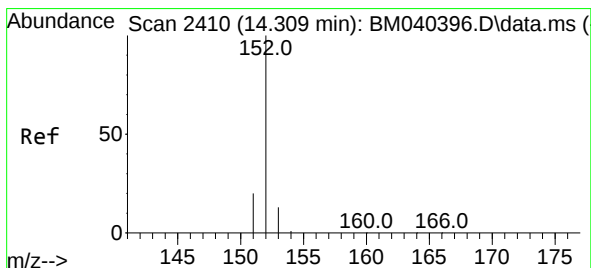
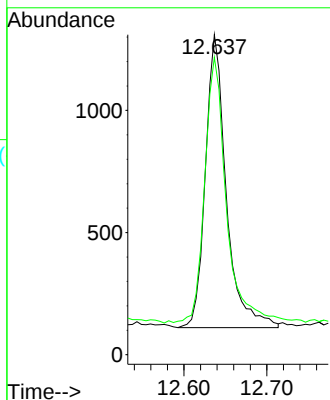
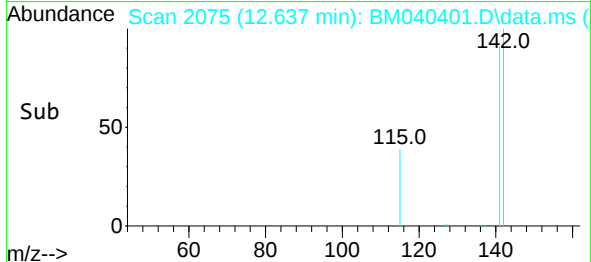
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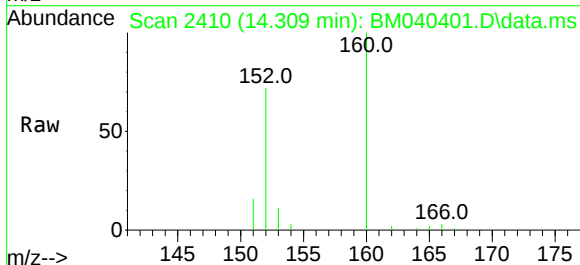
Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
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141 93.6 73.7 110.5

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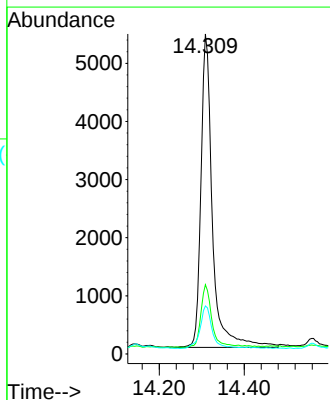
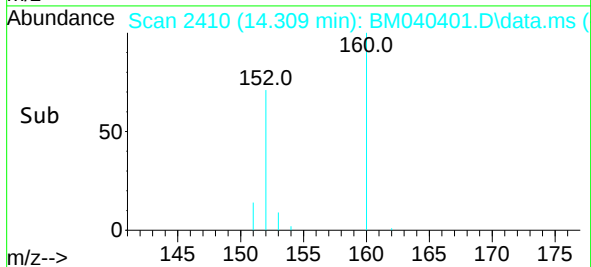
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

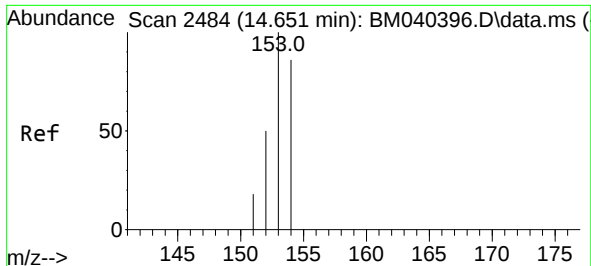


#10
Acenaphthylene
Concen: 0.217 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49



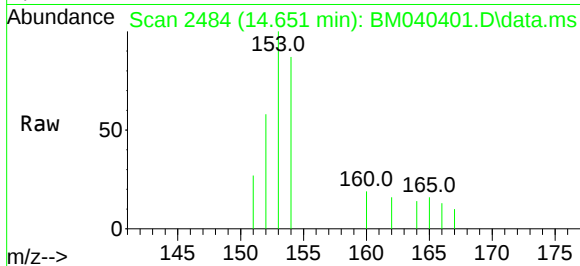
Tgt Ion:152 Resp: 10116
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

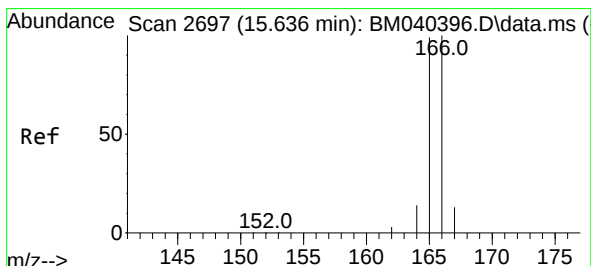
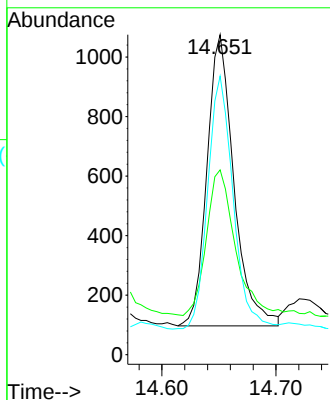
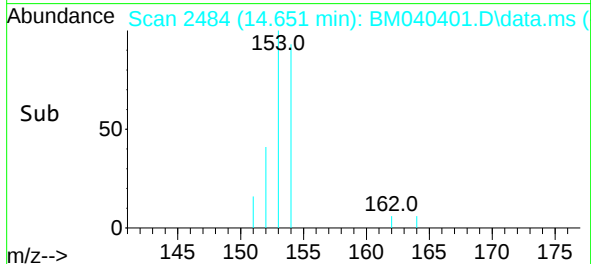
Instrument :
BNA_M
ClientSampleId :
DCFM6DL



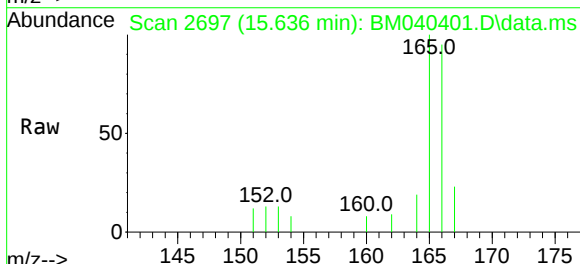
Tgt Ion:153 Resp: 160
Ion Ratio Lower Upper
153 100
152 57.8 41.0 61.4
154 87.1 70.8 106.2

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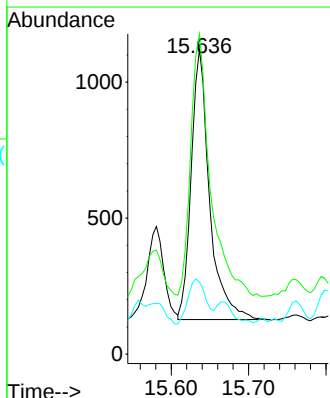
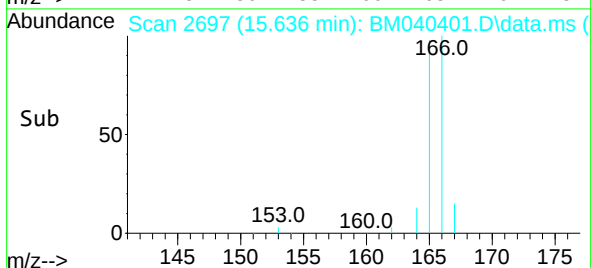
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

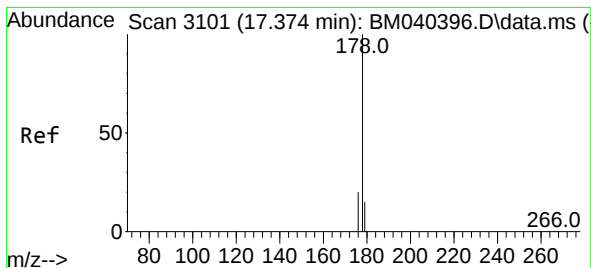


#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49



Tgt Ion:166 Resp: 1630
Ion Ratio Lower Upper
166 100
165 105.1 79.6 119.4
167 23.7 11.4 17.0#





#15

Phenanthrene

Concen: 0.687 ng/u1

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040401.D

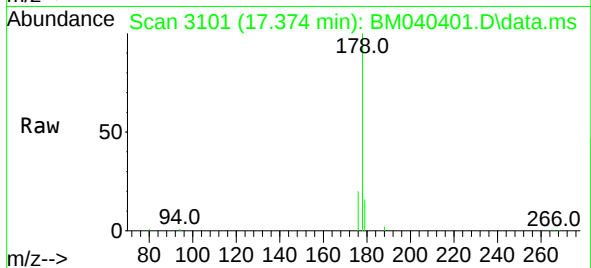
Acq: 26 Jun 2023 14:49

Instrument :

BNA_M

ClientSampleId :

DCFM6DL



Tgt Ion:178 Resp: 38710

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

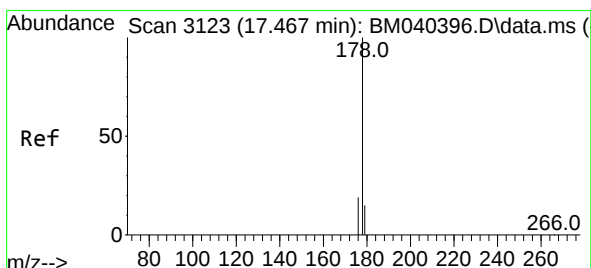
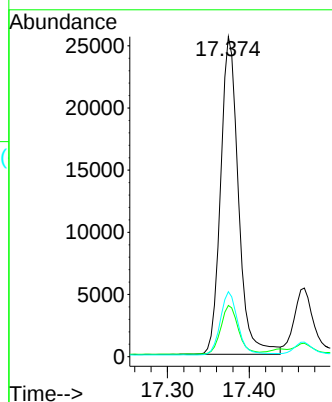
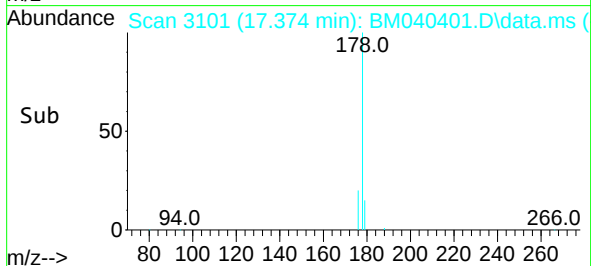
176 20.3 16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#16

Anthracene

Concen: 0.192 ng/u1

RT: 17.467 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040401.D

Acq: 26 Jun 2023 14:49

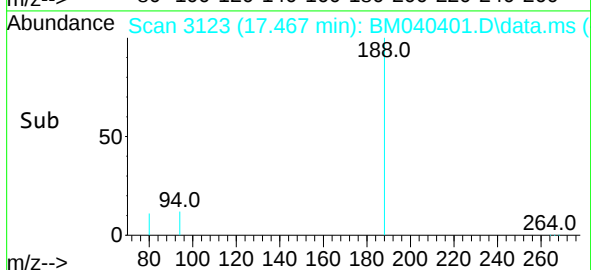
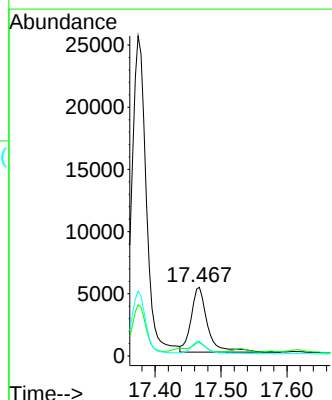
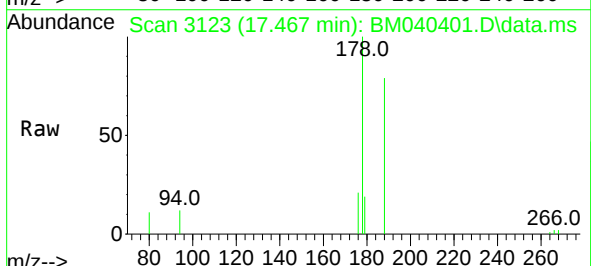
Tgt Ion:178 Resp: 9082

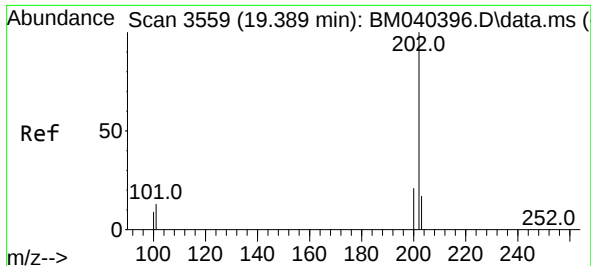
Ion Ratio Lower Upper

178 100

179 19.5 12.9 19.3#

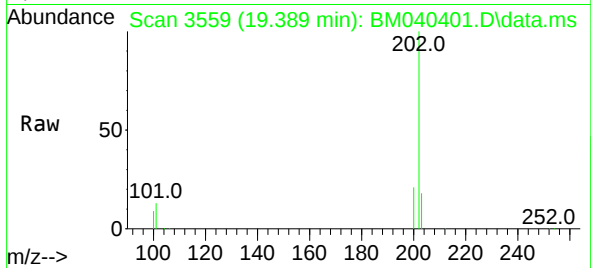
176 21.3 15.8 23.6





#19
Fluoranthene
Concen: 1.915 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

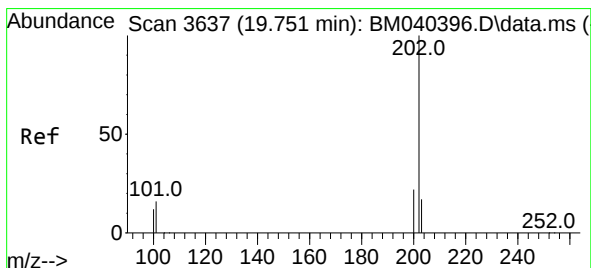
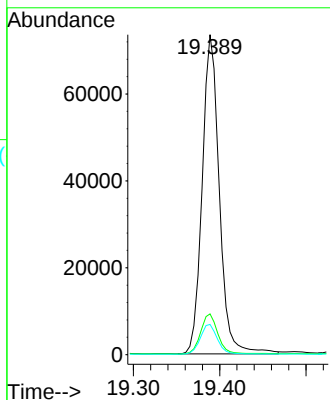
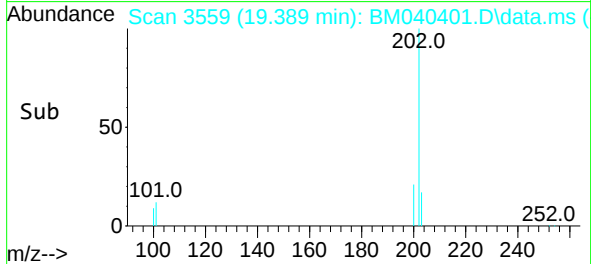
Instrument :
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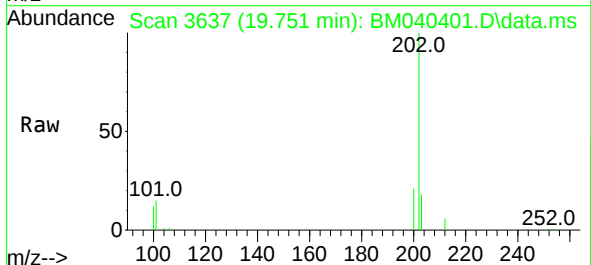
Tgt Ion:202 Resp: 101472
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1

Manual Integrations
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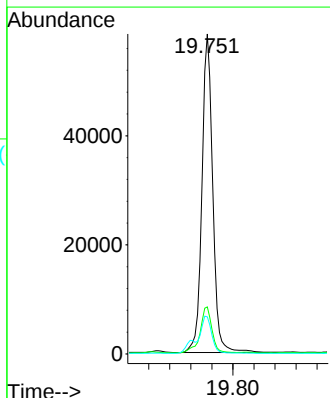
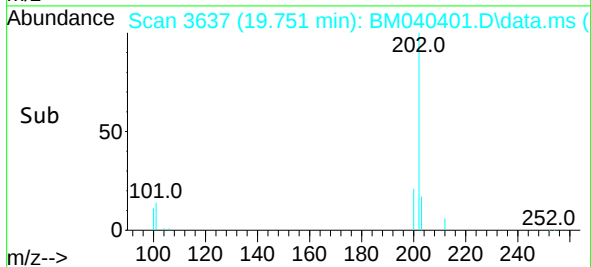
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Supervised By :mohammad ahmed 06/27/2023

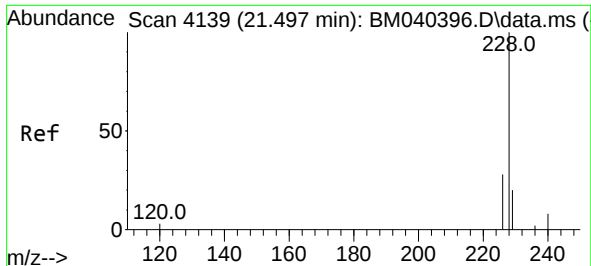


#20
Pyrene
Concen: 1.469 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49



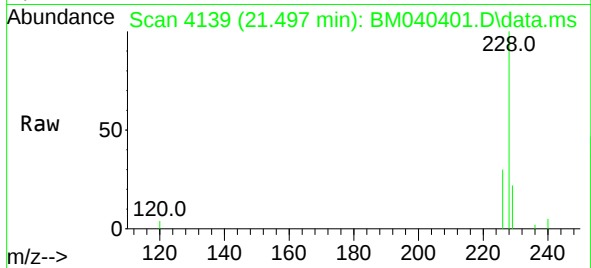
Tgt Ion:202 Resp: 83451
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.053 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

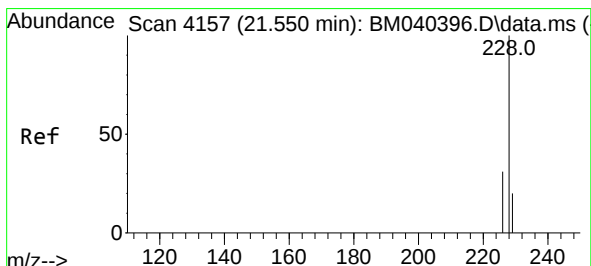
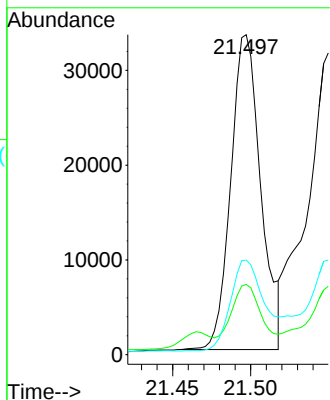
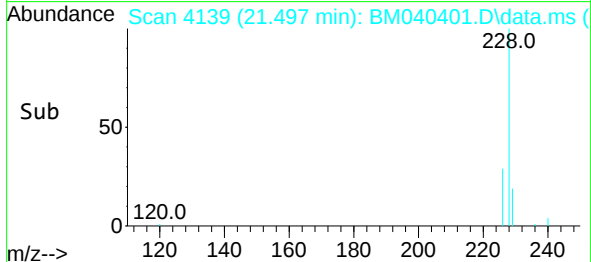
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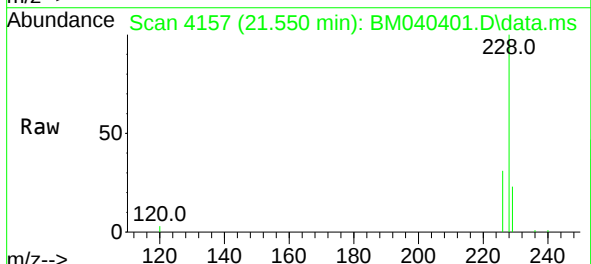
Tgt Ion:228 Resp: 4444
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 29.5 22.3 33.5

Manual Integrations
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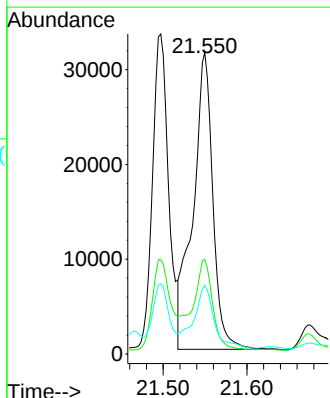
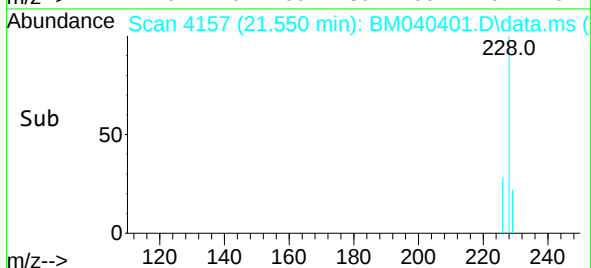
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

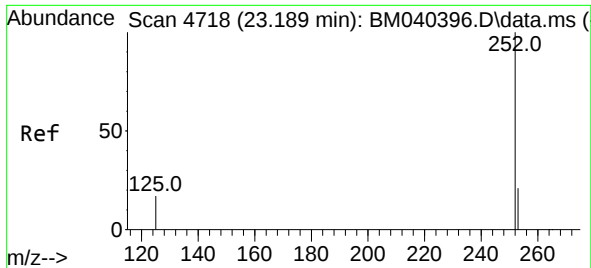


#22
Chrysene
Concen: 1.076 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49



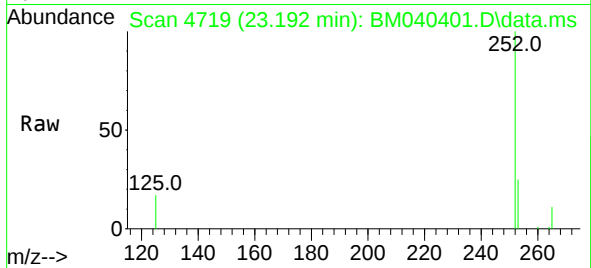
Tgt Ion:228 Resp: 51808
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.516 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

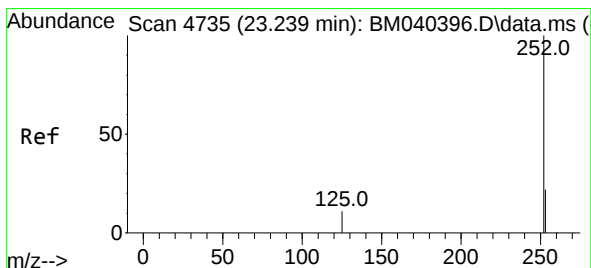
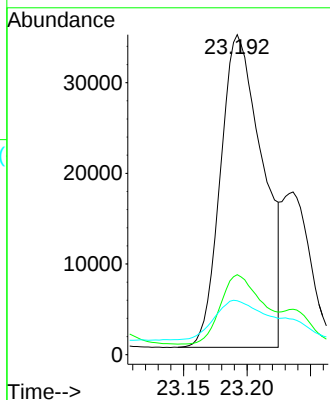
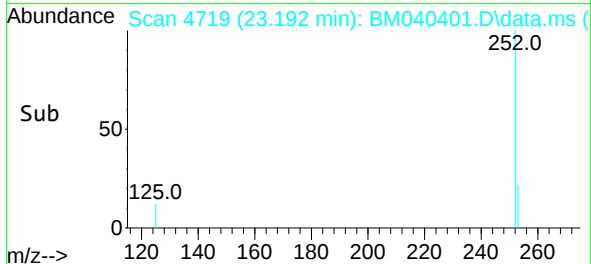
Instrument :
BNA_M
ClientSampleId :
DCFM6DL



Tgt Ion:252 Resp: 7942
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 16.9 0.0 43.0

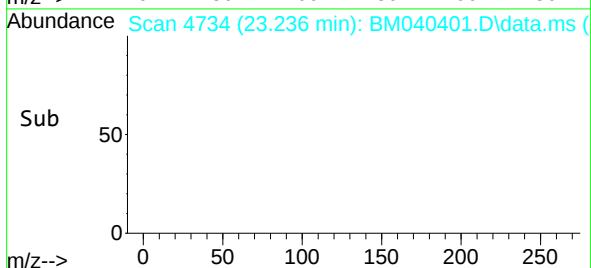
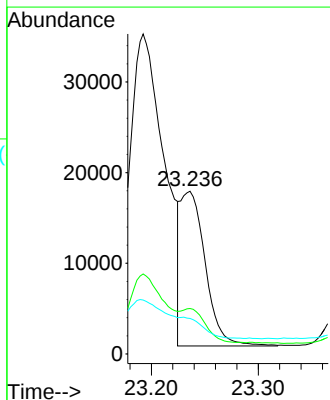
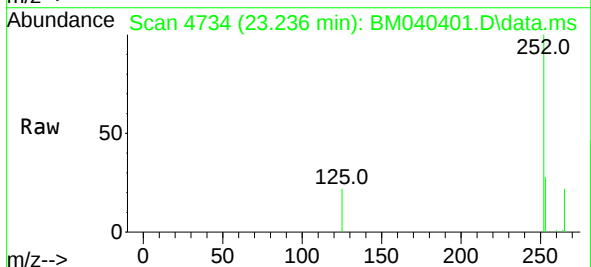
Manual Integrations
APPROVED

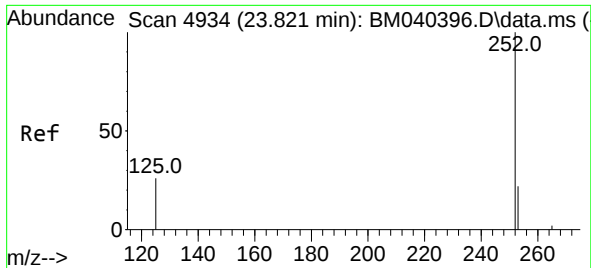
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.533 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

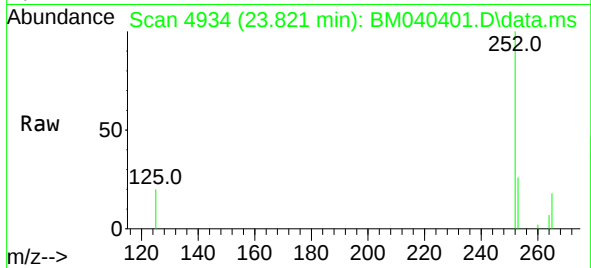
Tgt Ion:252 Resp: 27499
Ion Ratio Lower Upper
252 100
253 27.9 21.2 31.8
125 21.8 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.014 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

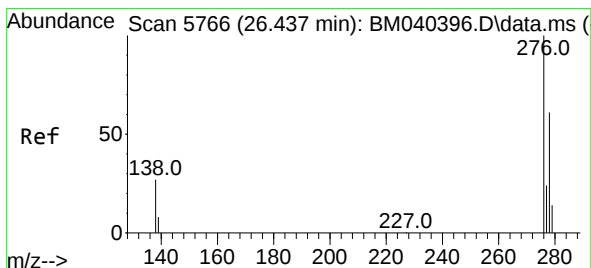
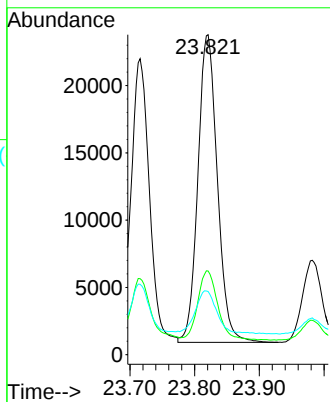
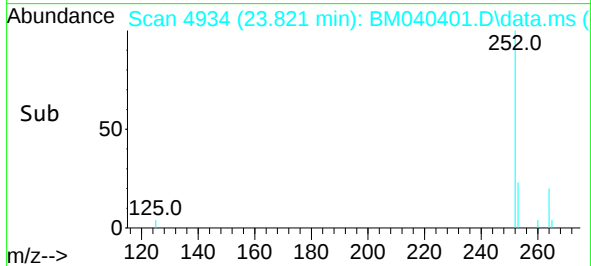
Instrument :
BNA_M
ClientSampleId :
DCFM6DL



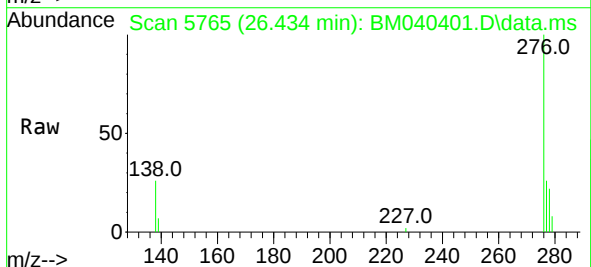
Tgt Ion:252 Resp: 4787
Ion Ratio Lower Upper
252 100
253 26.1 22.9 34.3
125 19.7 21.0 31.4

Manual Integrations
APPROVED

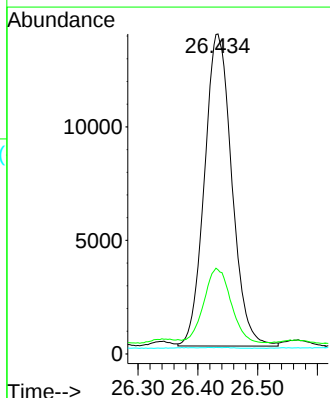
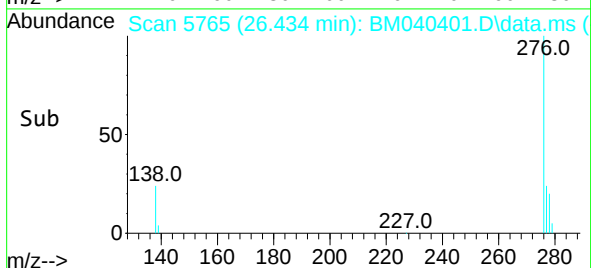
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

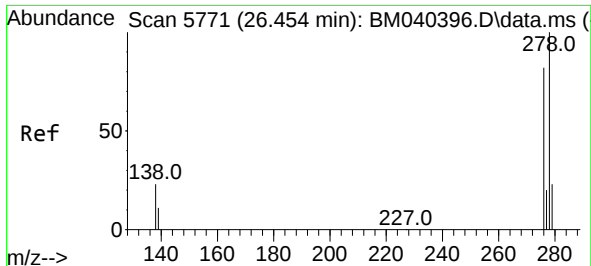


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.665 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.000 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49



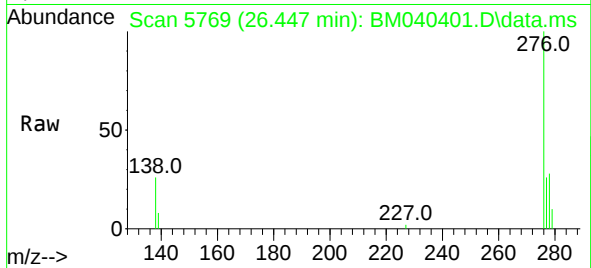
Tgt Ion:276 Resp: 43727
Ion Ratio Lower Upper
276 100
138 24.1 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 26.447 min Scan# 5769
Delta R.T. -0.007 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

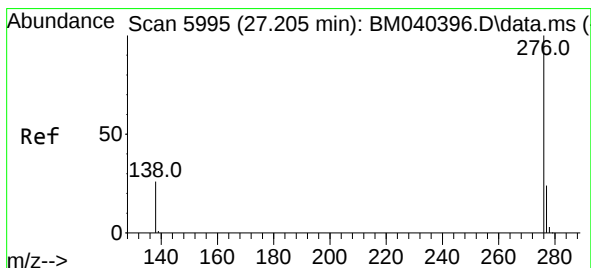
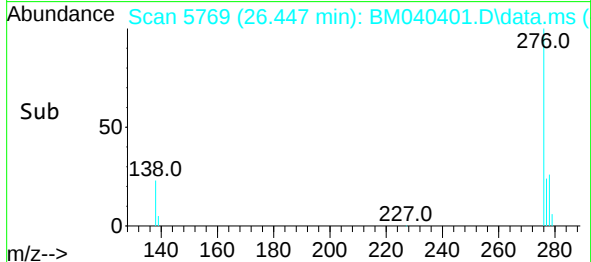
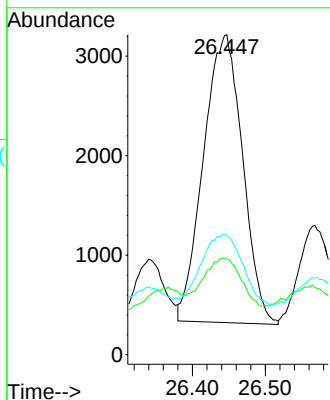
Instrument :
BNA_M
ClientSampleId :
DCFM6DL



Tgt Ion:278 Resp: 10780
Ion Ratio Lower Upper
278 100
139 29.9 17.9 26.9
279 37.3 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.749 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040401.D
Acq: 26 Jun 2023 14:49

Tgt Ion:276 Resp: 43167
Ion Ratio Lower Upper
276 100
138 27.7 23.0 34.6
277 25.8 20.3 30.5

