

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040384.D
 Acq On : 23 Jun 2023 20:25
 Operator : MA/JU
 Sample : 03088-04DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:38:36 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	3131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	11567	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.591	164	5782	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	11474	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	8530	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	7117	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	6852	1.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1657	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2848	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	2155	0.068	ng/ul#	81
7) 2-Methylnaphthalene	12.422	142	1903	0.102	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	1435	0.077	ng/ul	100
10) Acenaphthylene	14.309	152	1325	0.051	ng/ul#	69
11) Acenaphthene	14.651	153	509	0.023	ng/ul#	90
12) Fluorene	15.637	166	537	0.023	ng/ul#	77
15) Phenanthrene	17.374	178	13628	0.382	ng/ul	98
16) Anthracene	17.467	178	2307	0.077	ng/ul#	79
19) Fluoranthene	19.389	202	38129	1.052	ng/ul	98
20) Pyrene	19.751	202	10217m	0.263	ng/ul	
21) Benzo(a)anthracene	21.497	228	22727	0.788	ng/ul	98
22) Chrysene	21.550	228	26102	0.793	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	45649	1.657	ng/ul	96
25) Benzo(k)fluoranthene	23.236	252	15451m	0.569	ng/ul	
26) Benzo(a)pyrene	23.818	252	3610	0.146	ng/ul#	7
27) Indeno(1,2,3-cd)pyrene	26.430	276	6287	0.182	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.440	278	5984	0.221	ng/ul#	72

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

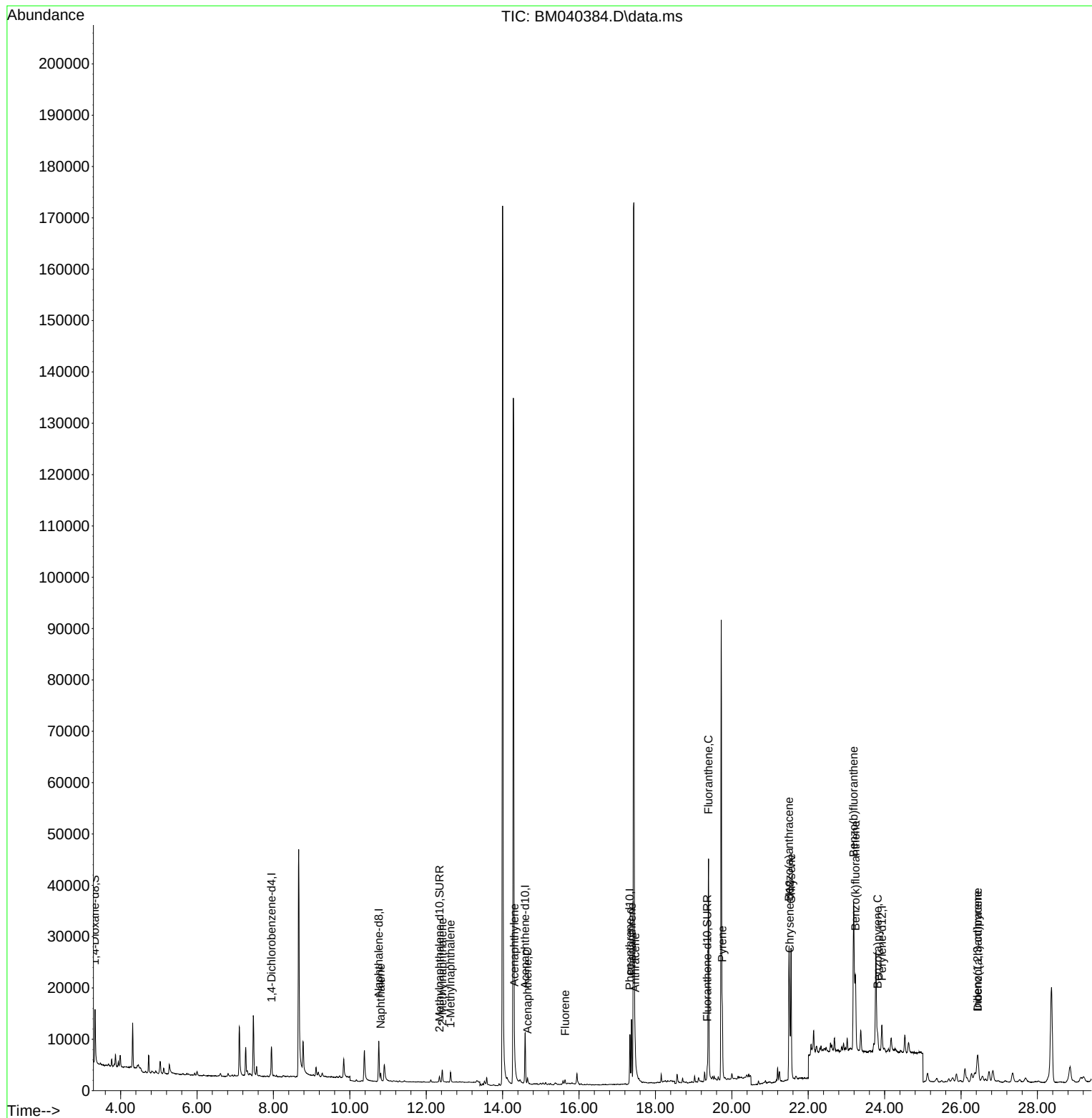
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040384.D
Acq On : 23 Jun 2023 20:25
Operator : MA/JU
Sample : 03088-04DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

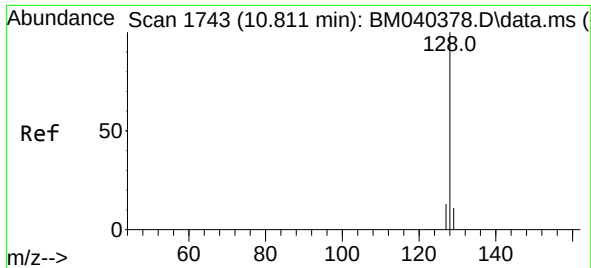
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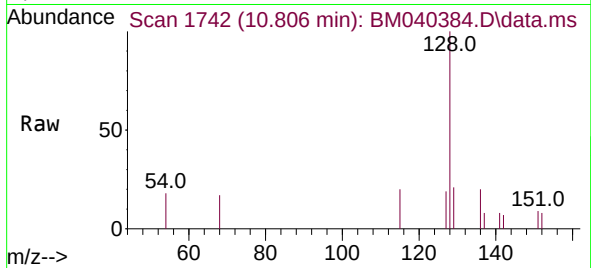
Quant Time: Jun 24 01:38:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

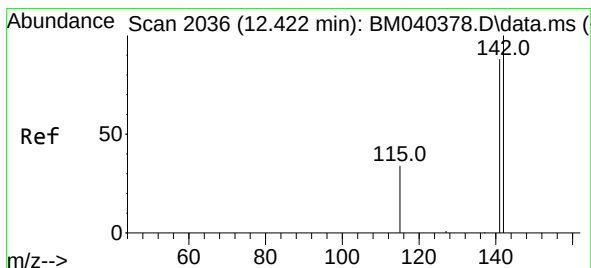
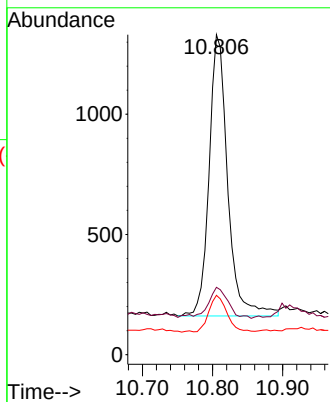
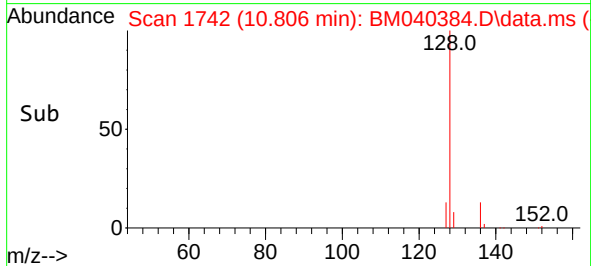
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
129 21.0 9.2 13.8
127 18.6 10.6 15.8

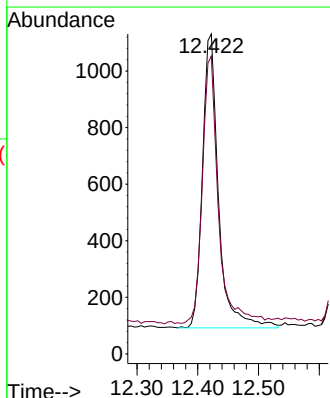
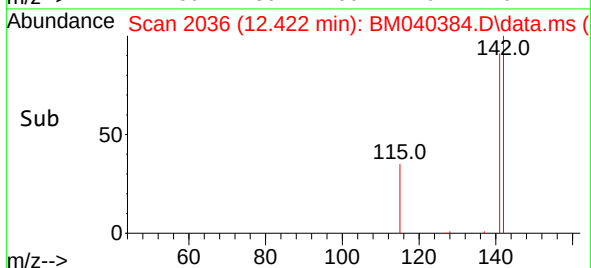
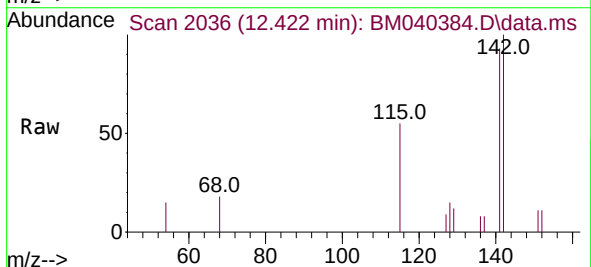
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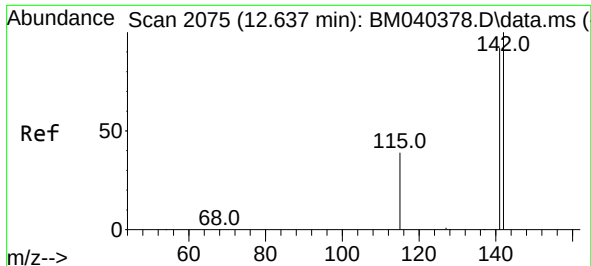
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

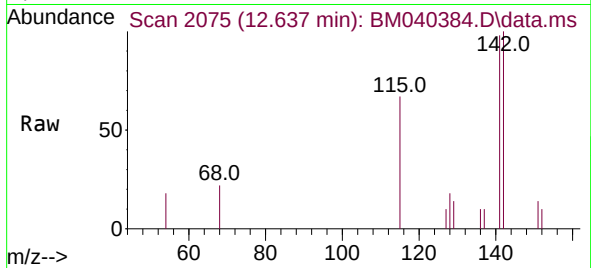
Tgt Ion:142 Resp: 1903
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

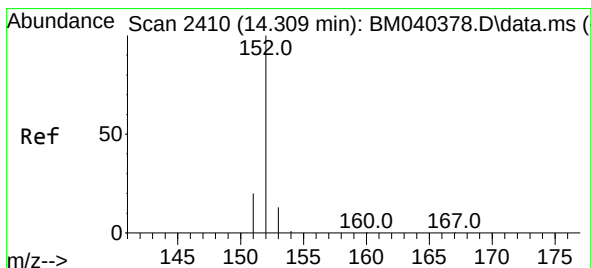
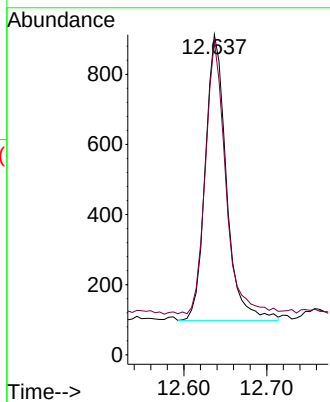
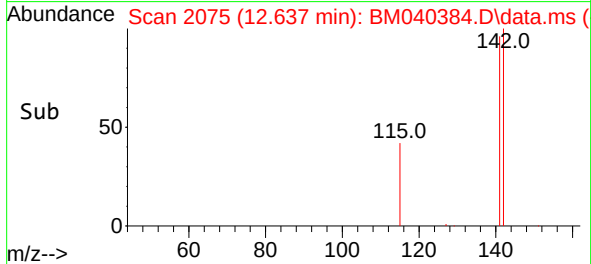
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:142 Resp: 1435
Ion Ratio Lower Upper
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141 91.8 73.7 110.5

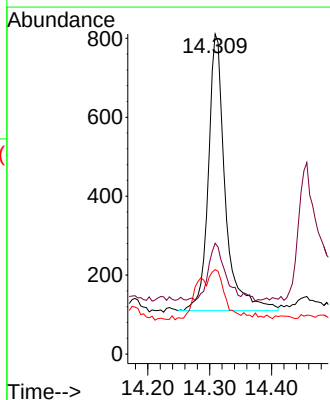
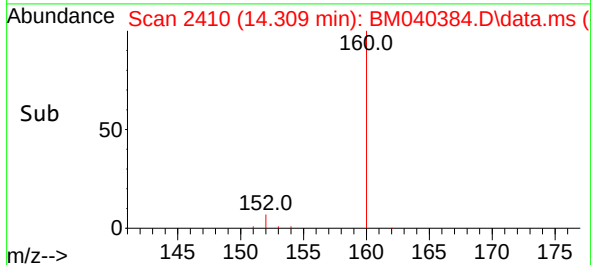
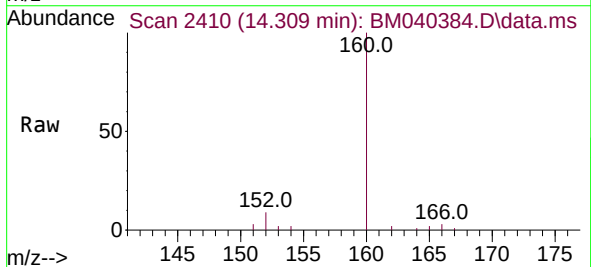
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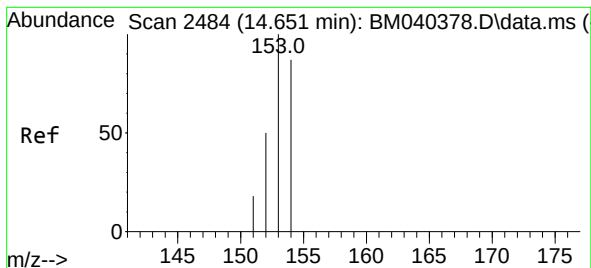
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Tgt Ion:152 Resp: 1325
Ion Ratio Lower Upper
152 100
151 34.6 16.2 24.2#
153 26.4 10.9 16.3#





#11

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.651 min Scan# 2484

Delta R.T. -0.005 min

Lab File: BM040384.D

Acq: 23 Jun 2023 20:25

Instrument :

BNA_M

ClientSampleId :

DCFR0DL

Tgt Ion:153 Resp: 509

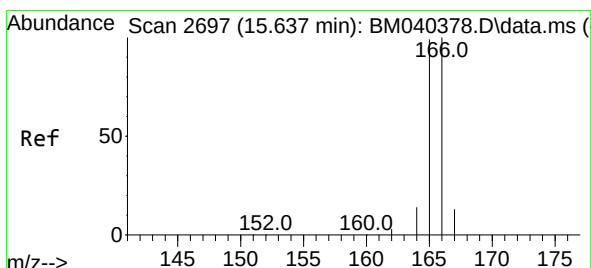
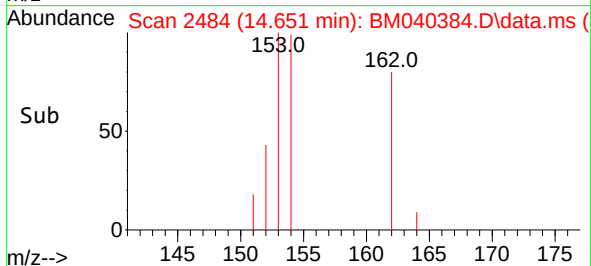
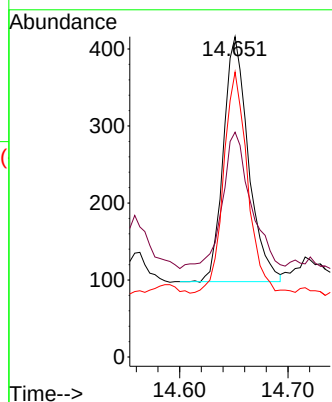
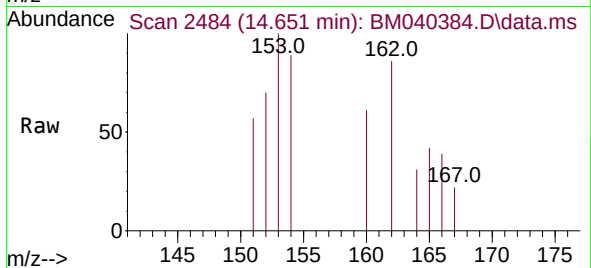
Ion	Ratio	Lower	Upper
153	100		
152	70.2	41.0	61.4
154	88.9	70.8	106.2

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2023



#12

Fluorene

Concen: 0.023 ng/ul

RT: 15.637 min Scan# 2697

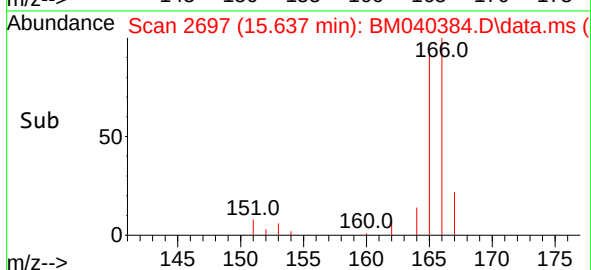
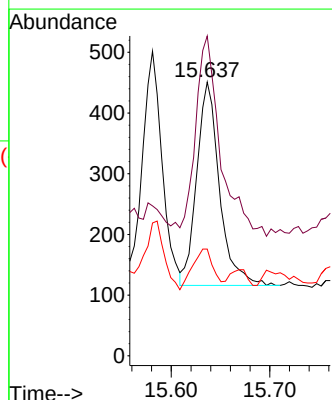
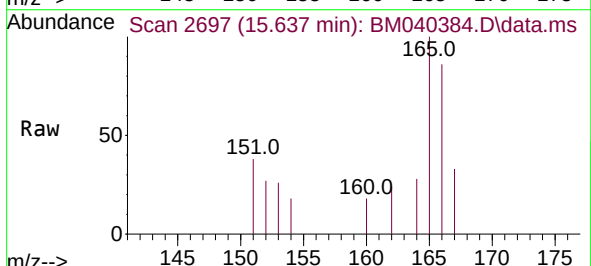
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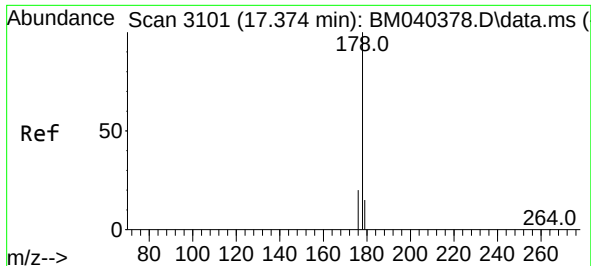
Lab File: BM040384.D

Acq: 23 Jun 2023 20:25

Tgt Ion:166 Resp: 537

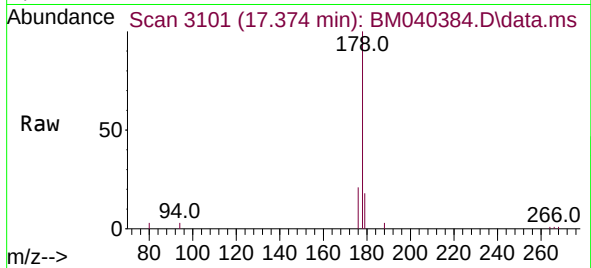
Ion	Ratio	Lower	Upper
166	100		
165	116.9	79.6	119.4
167	39.0	11.4	17.0





#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

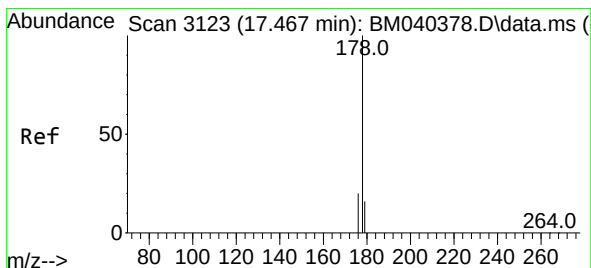
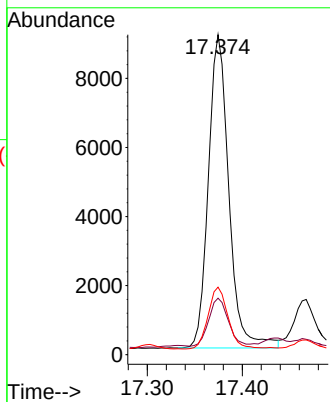
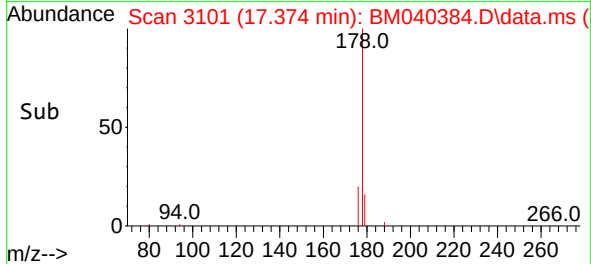
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:178 Resp: 13628
Ion Ratio Lower Upper
178 100
179 17.7 12.8 19.2
176 21.1 16.4 24.6

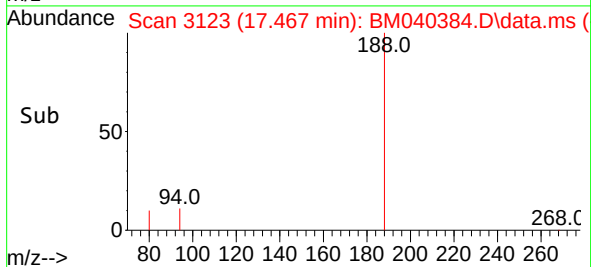
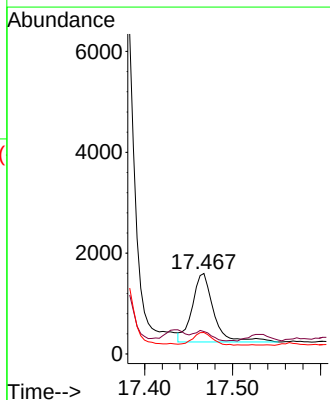
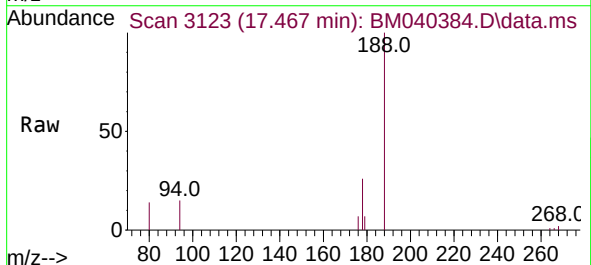
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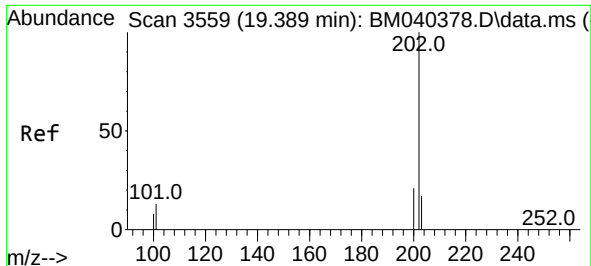
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

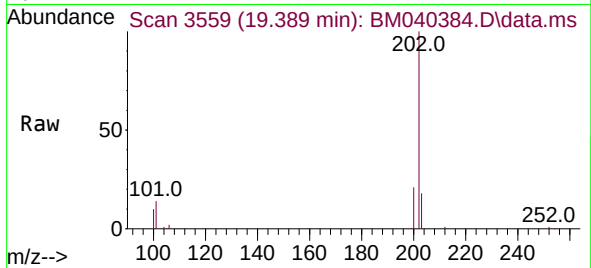
Tgt Ion:178 Resp: 2307
Ion Ratio Lower Upper
178 100
179 27.9 12.9 19.3#
176 26.7 15.8 23.6#





#19
Fluoranthene
Concen: 1.052 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

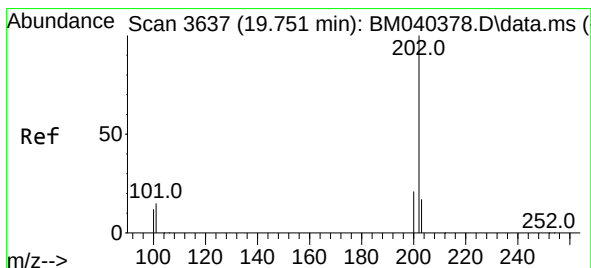
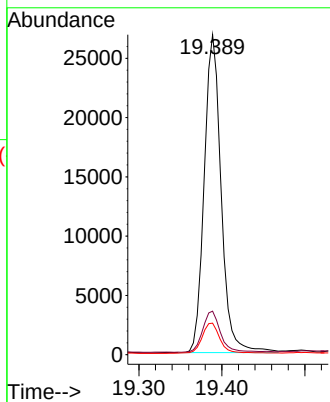
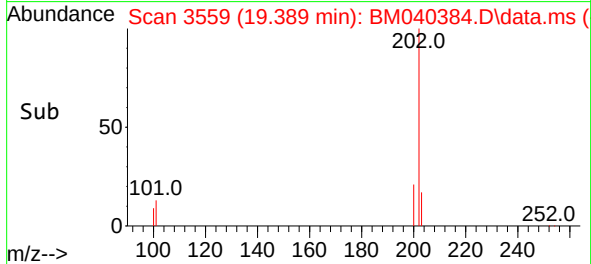
Instrument :
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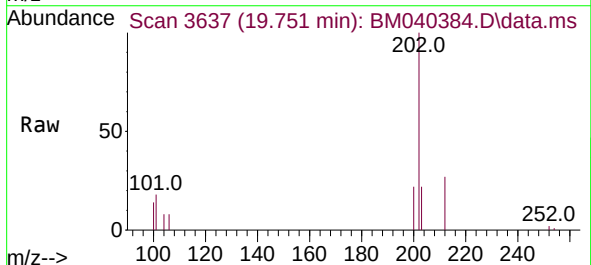
Tgt Ion:202 Resp: 38129
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 9.8 8.7 13.1

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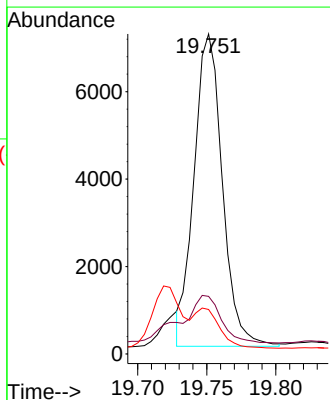
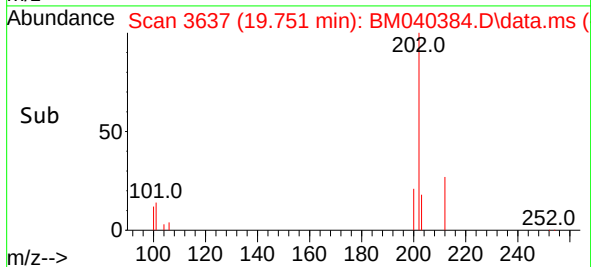
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Supervised By :mohammad ahmed 06/27/2023

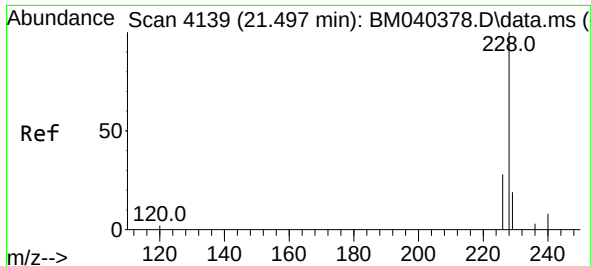


#20
Pyrene
Concen: 0.263 ng/ul m
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25



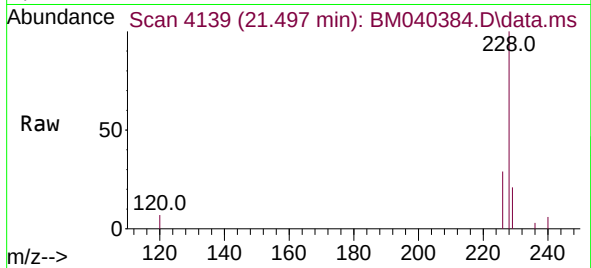
Tgt Ion:202 Resp: 10217
Ion Ratio Lower Upper
202 100
101 18.0 12.6 18.8
100 13.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.788 ng/u1
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

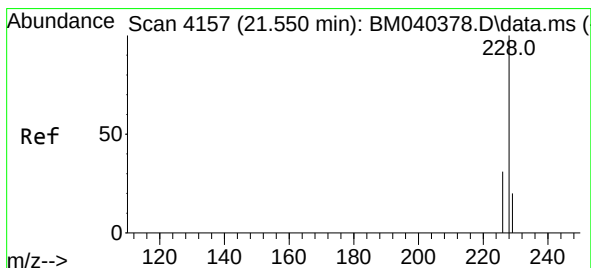
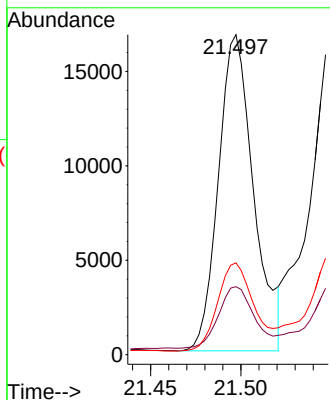
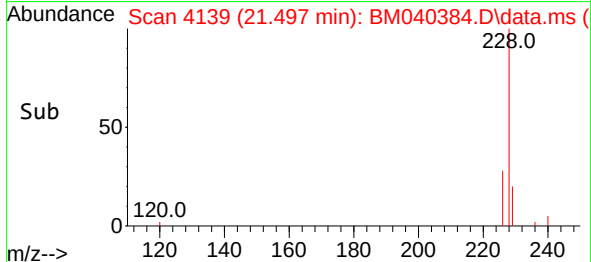
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



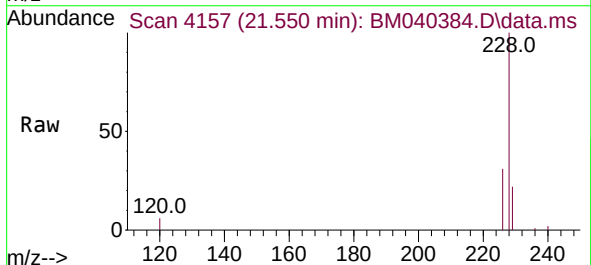
Tgt Ion:228 Resp: 2272
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.7 22.3 33.5

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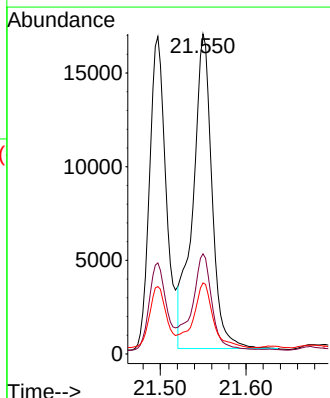
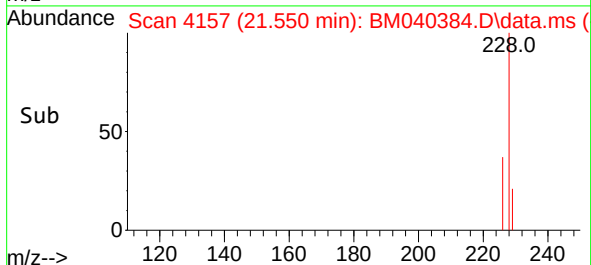
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

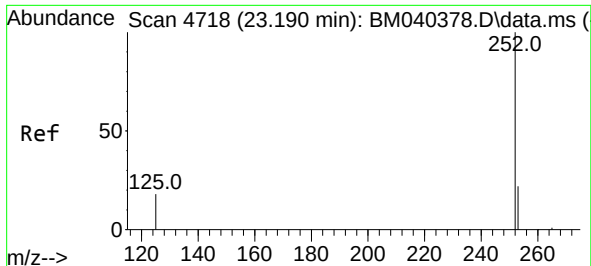


#22
Chrysene
Concen: 0.793 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25



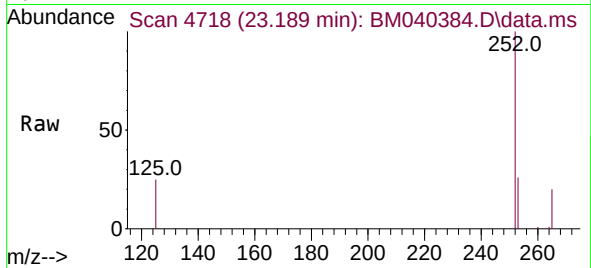
Tgt Ion:228 Resp: 26102
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.657 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

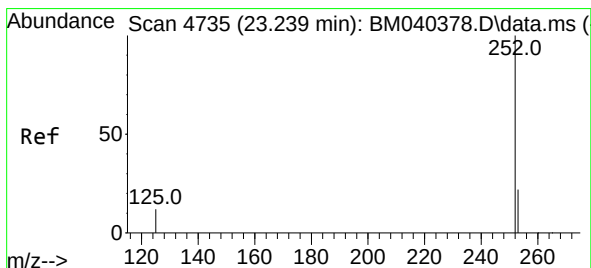
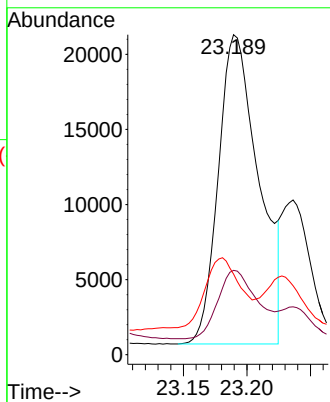
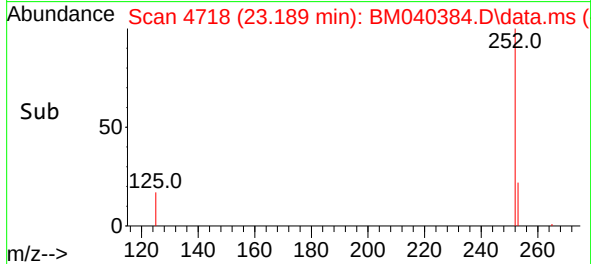
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



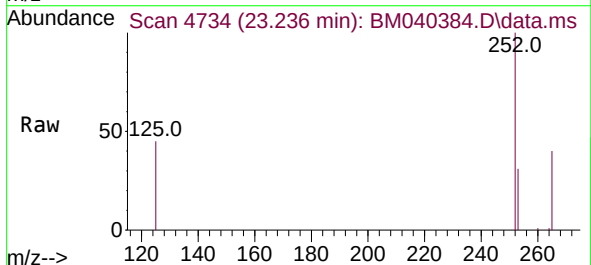
Tgt Ion:252 Resp: 45649
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.8
125 25.2 0.0 43.0

Manual Integrations
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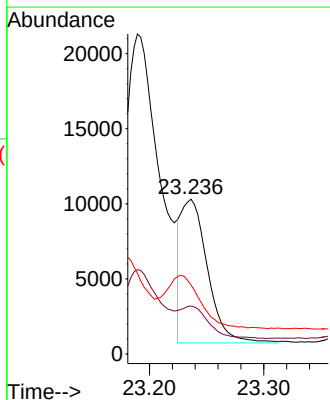
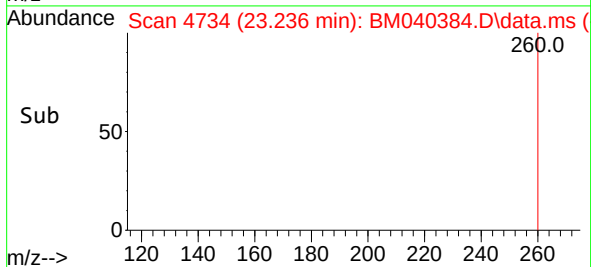
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

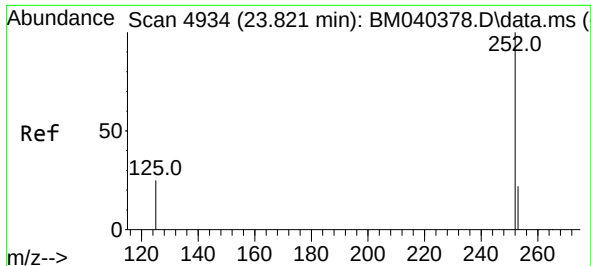


#25
Benzo(k)fluoranthene
Concen: 0.569 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25



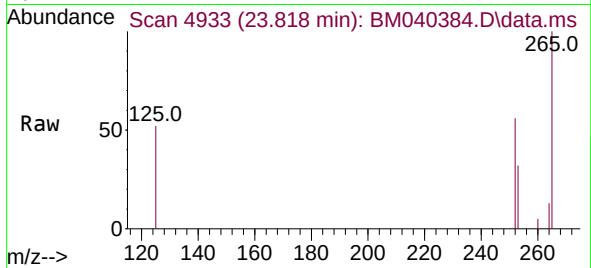
Tgt Ion:252 Resp: 15451
Ion Ratio Lower Upper
252 100
253 30.9 21.2 31.8
125 44.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.146 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

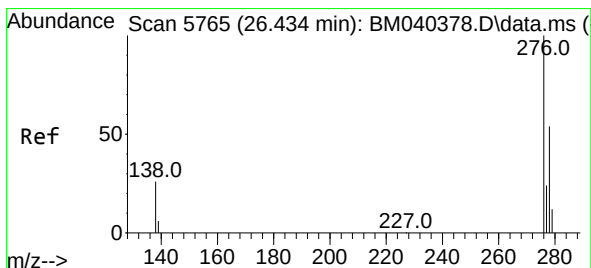
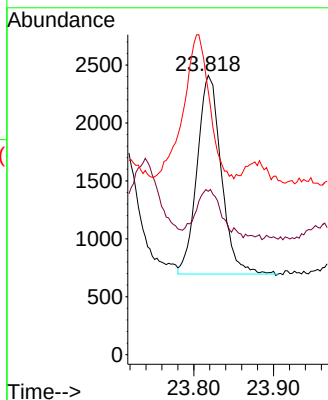
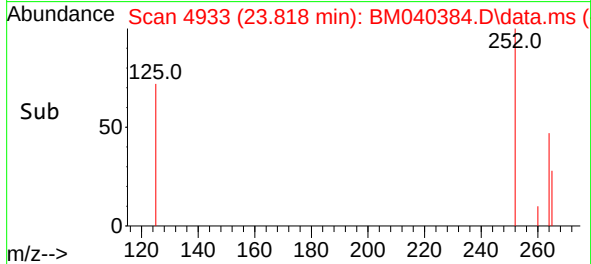
Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:252 Resp: 3610
Ion Ratio Lower Upper
252 100
253 58.5 22.9 34.3
125 94.3 21.0 31.4

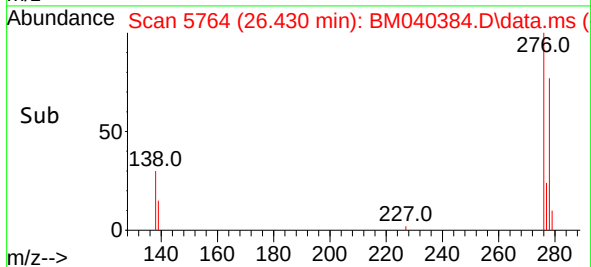
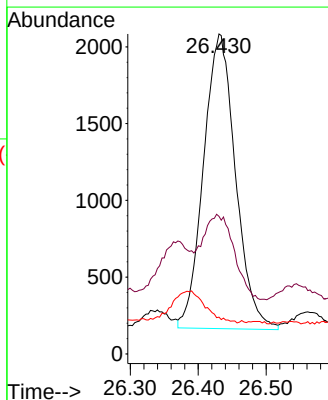
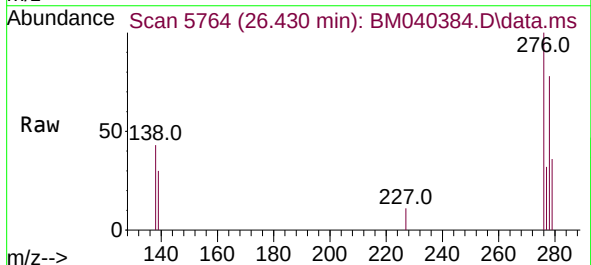
Manual Integrations
APPROVED

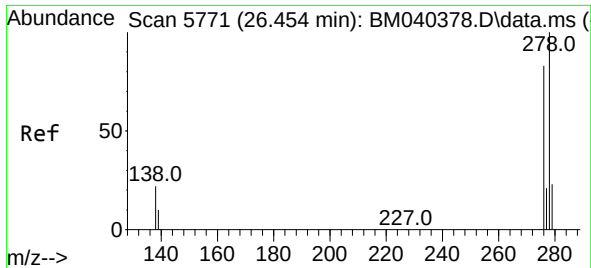
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

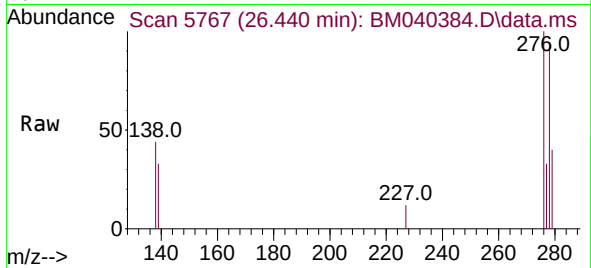
Tgt Ion:276 Resp: 6287
Ion Ratio Lower Upper
276 100
138 26.1 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.221 ng/ul
RT: 26.440 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040384.D
Acq: 23 Jun 2023 20:25

Instrument :
BNA_M
ClientSampleId :
DCFR0DL



Tgt Ion:278 Resp: 5984
Ion Ratio Lower Upper
278 100
139 35.3 17.9 26.9
279 42.4 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

