

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040877.D
 Acq On : 14 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03418-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4643DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 03:14:53 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 Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3807	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13296	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	6440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	14648	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.451	240	7426	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	6814	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3517	0.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	858	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	1275	0.054	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.713	128	10315	0.281	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	3320	0.154	ng/ul	98
8) 1-Methylnaphthalene	12.550	142	2524	0.117	ng/ul	97
10) Acenaphthylene	14.227	152	1015	0.035	ng/ul#	54
11) Acenaphthene	14.569	153	16094	0.662	ng/ul	97
12) Fluorene	15.559	166	15784	0.609	ng/ul	100
15) Phenanthrene	17.299	178	163127	3.585	ng/ul	98
16) Anthracene	17.392	178	29033	0.759	ng/ul	99
19) Fluoranthene	19.320	202	160011	5.073	ng/ul	95
20) Pyrene	19.682	202	85926	2.541	ng/ul	98
21) Benzo(a)anthracene	21.434	228	49358	1.965	ng/ul	99
22) Chrysene	21.486	228	49973	1.744	ng/ul	98
24) Benzo(b)fluoranthene	23.108	252	51895	1.968	ng/ul	93
25) Benzo(k)fluoranthene	23.149	252	20566m	0.791	ng/ul	
26) Benzo(a)pyrene	23.722	252	13920	0.586	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.287	276	12981	0.392	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.297	278	5479	0.212	ng/ul#	85
29) Benzo(g,h,i)perylene	27.048	276	695	0.024	ng/ul#	22

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

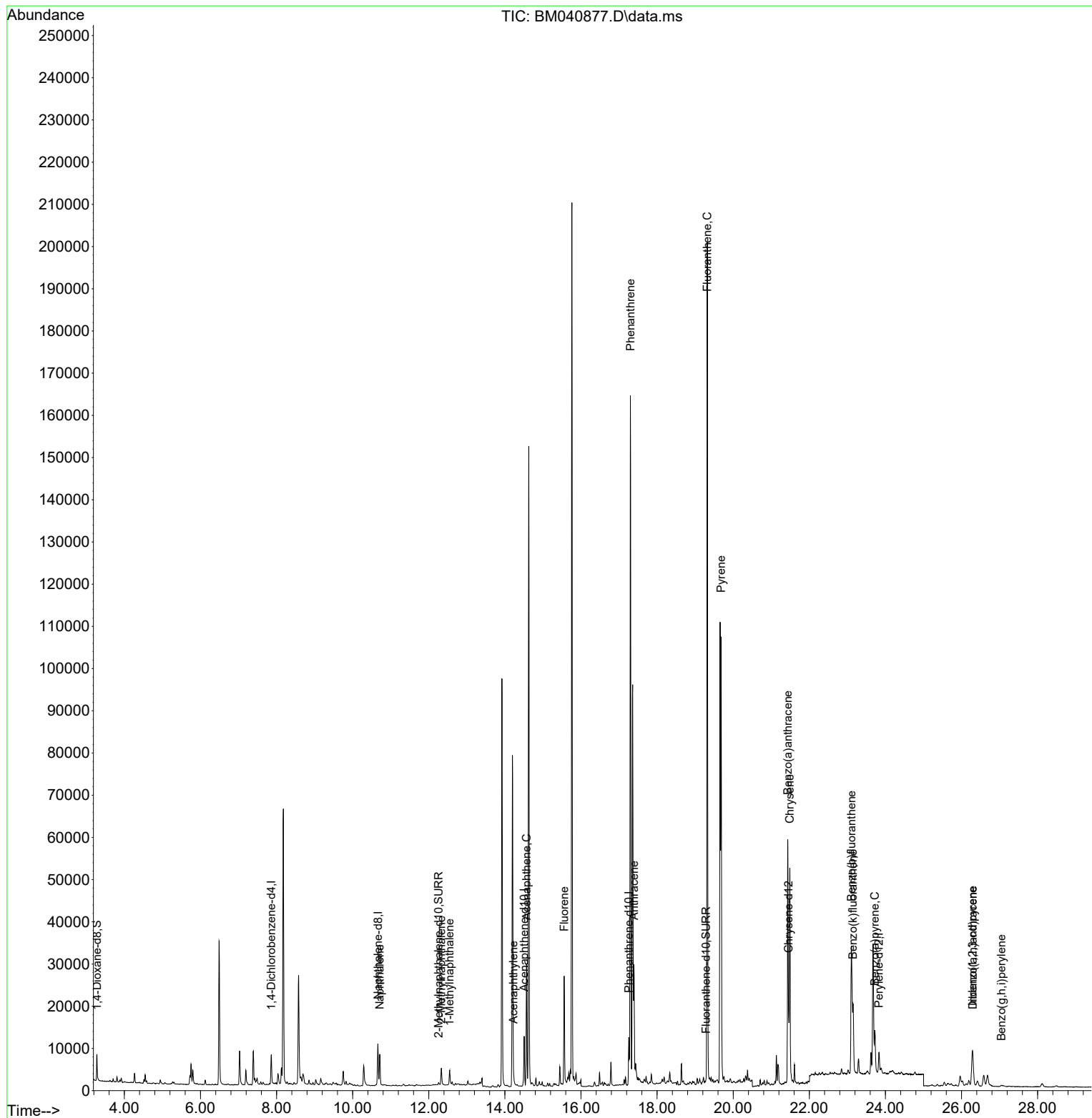
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040877.D
Acq On : 14 Jul 2023 13:46
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ALS Vial : 9 Sample Multiplier: 1

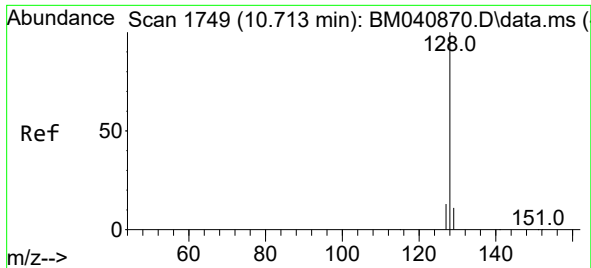
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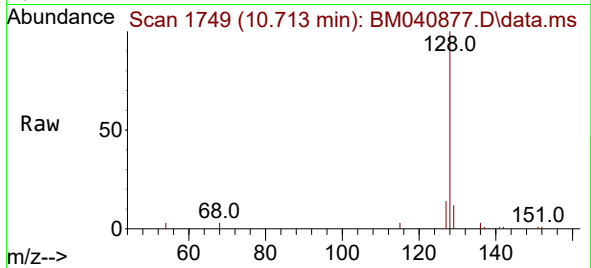
Quant Time: Jul 15 03:14:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.281 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

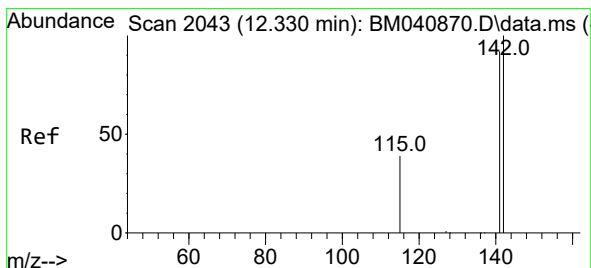
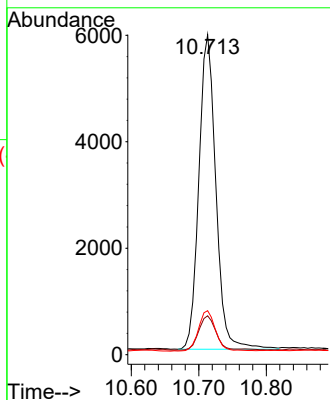
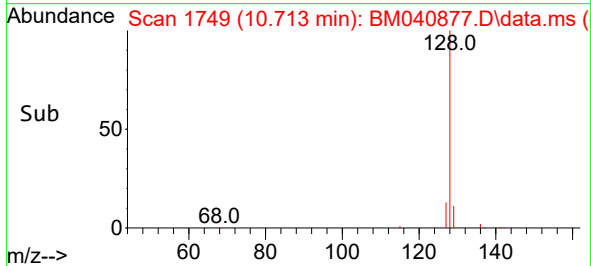
Instrument :
BNA_M
ClientSampleId :
A4643DL



Tgt Ion:128 Resp: 1031
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.7 10.6 15.8

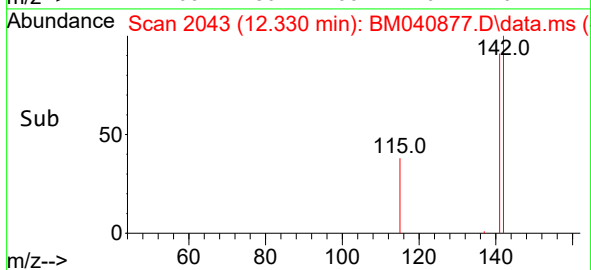
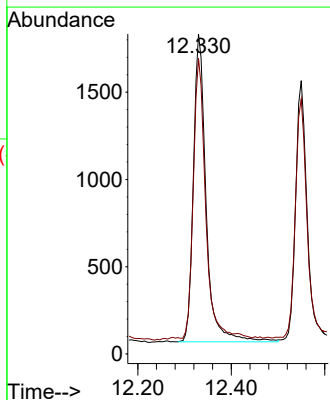
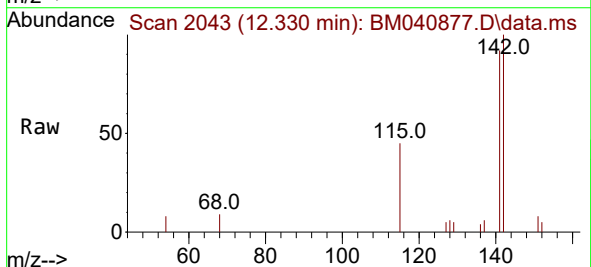
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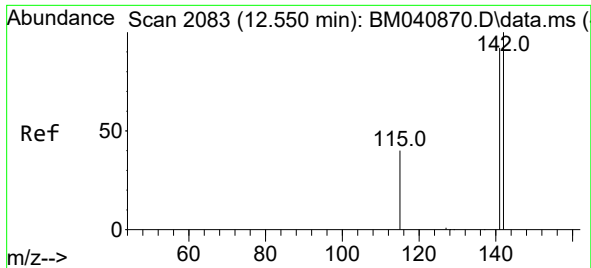
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

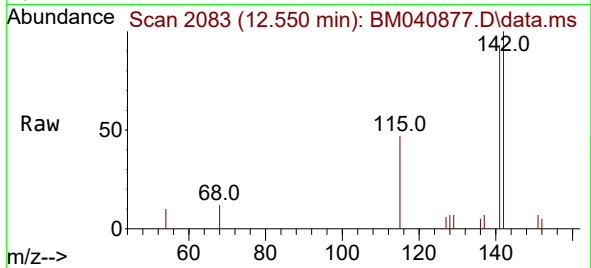
Tgt Ion:142 Resp: 3320
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

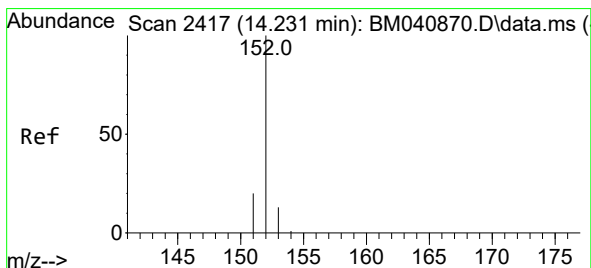
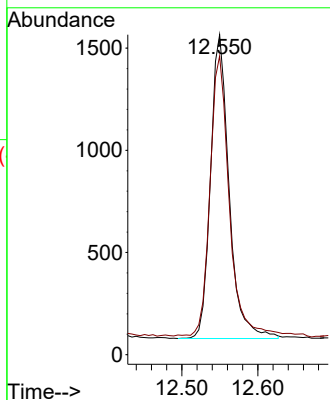
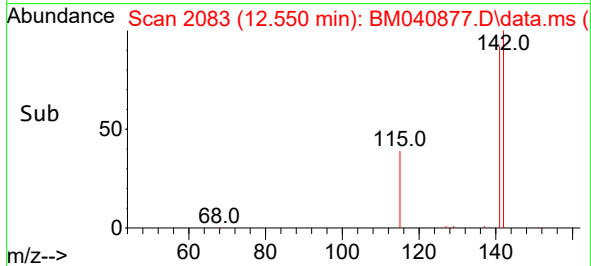
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Tgt Ion:142 Resp: 2524
Ion Ratio Lower Upper
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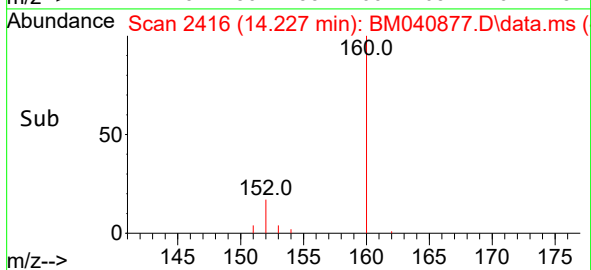
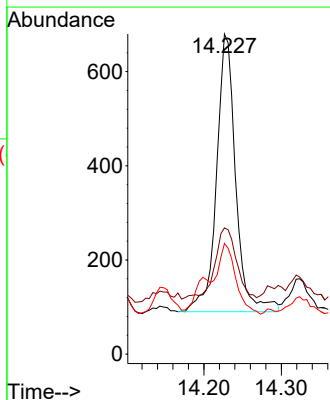
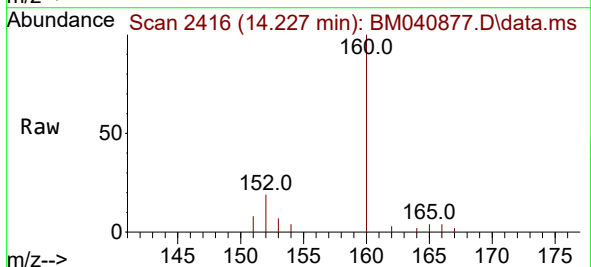
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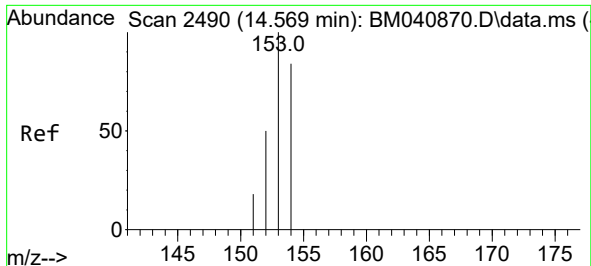
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

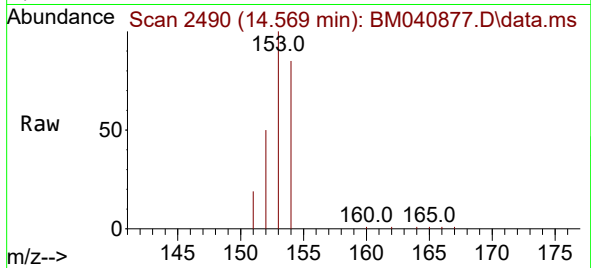
Tgt Ion:152 Resp: 1015
Ion Ratio Lower Upper
152 100
151 39.4 16.2 24.2#
153 34.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.662 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

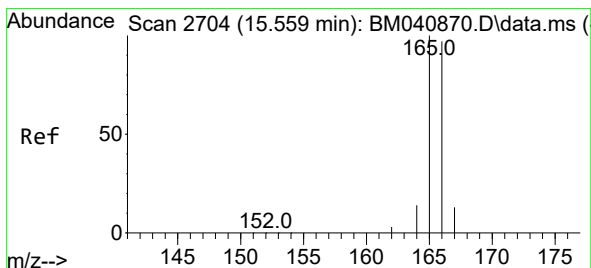
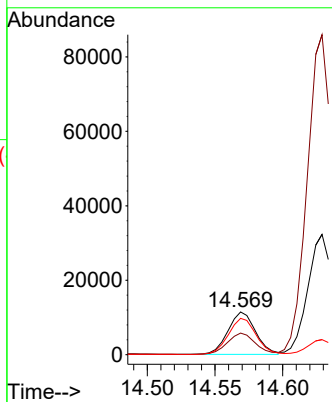
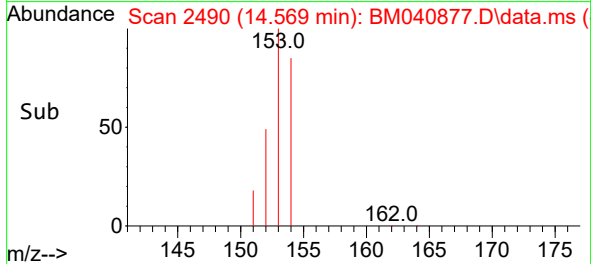
Instrument :
BNA_M
ClientSampleId :
A4643DL



Tgt Ion:153 Resp: 16094
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 85.1 70.8 106.2

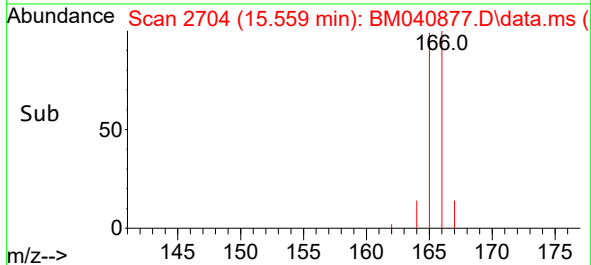
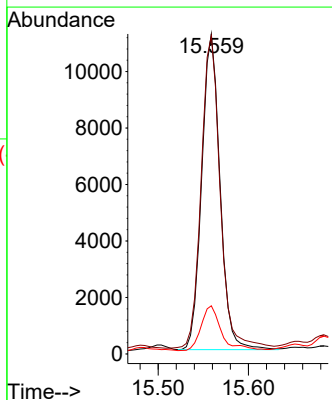
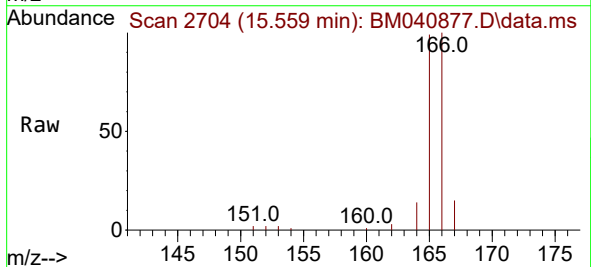
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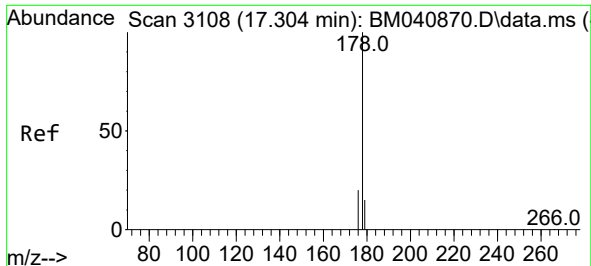
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.609 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.005 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

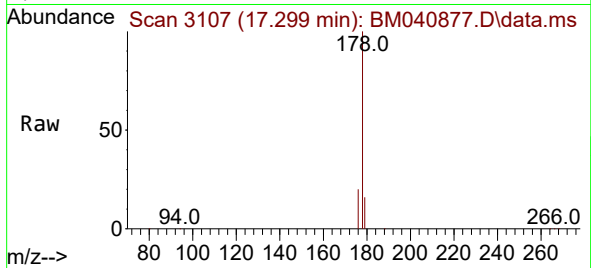
Tgt Ion:166 Resp: 15784
Ion Ratio Lower Upper
166 100
165 99.5 79.6 119.4
167 15.0 11.4 17.0





#15
Phenanthrene
Concen: 3.585 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

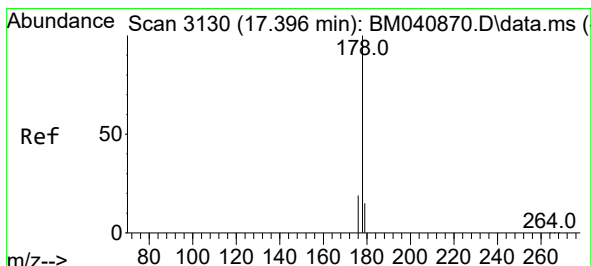
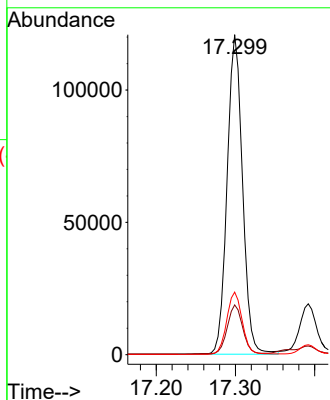
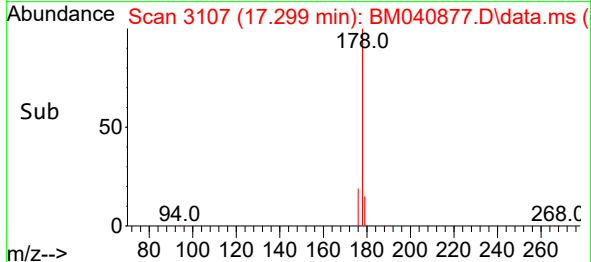
Instrument :
BNA_M
ClientSampleId :
A4643DL



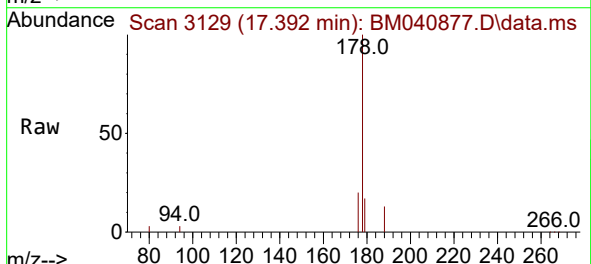
Tgt Ion:178 Resp: 16312
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.5 16.4 24.6

Manual Integrations
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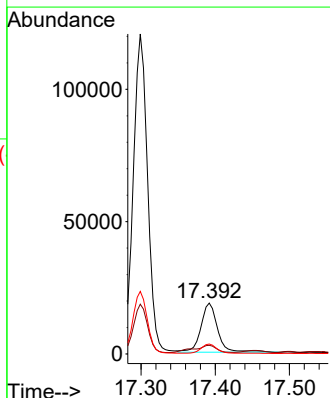
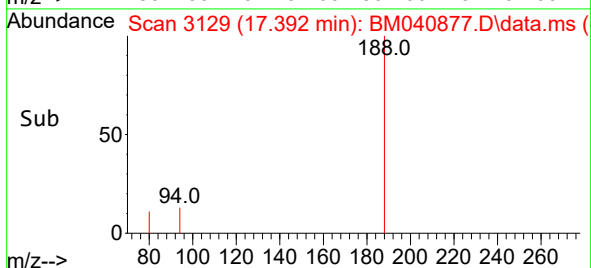
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

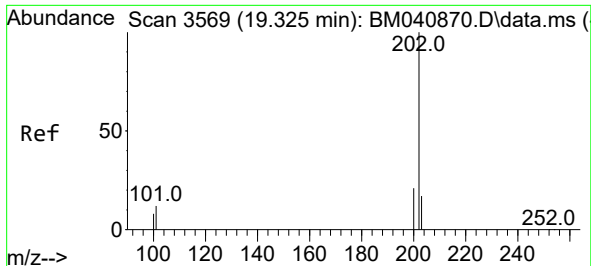


#16
Anthracene
Concen: 0.759 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46



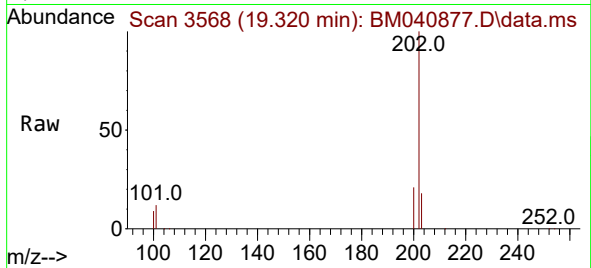
Tgt Ion:178 Resp: 29033
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 19.5 15.8 23.6





#19
Fluoranthene
Concen: 5.073 ng/ul
RT: 19.320 min Scan# 3569
Delta R.T. -0.009 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

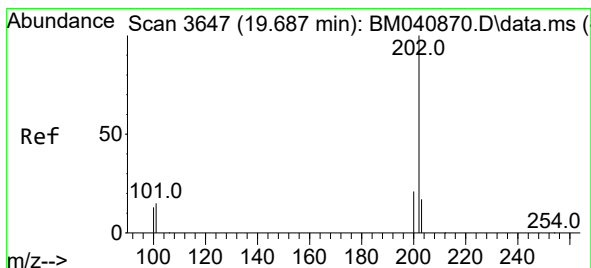
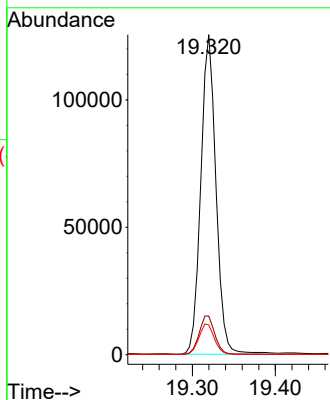
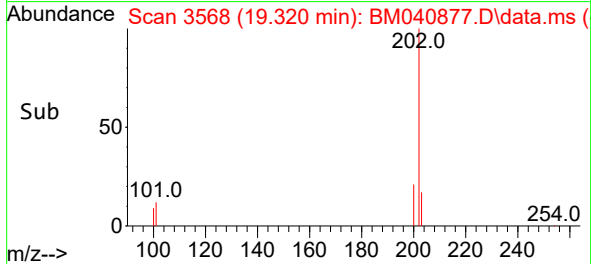
Instrument :
BNA_M
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A4643DL



Tgt Ion:202 Resp: 16001
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.3 8.7 13.1

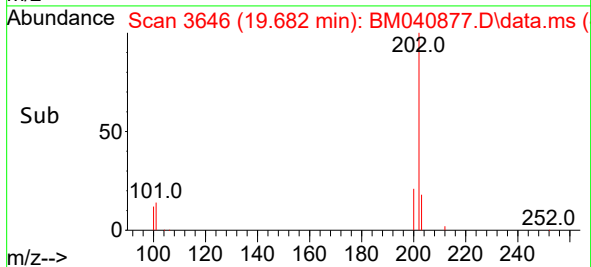
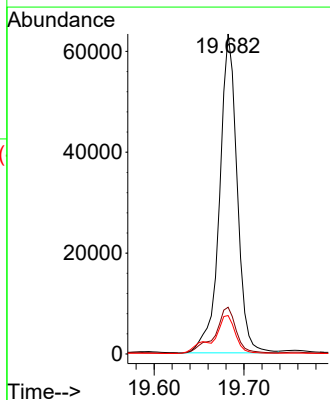
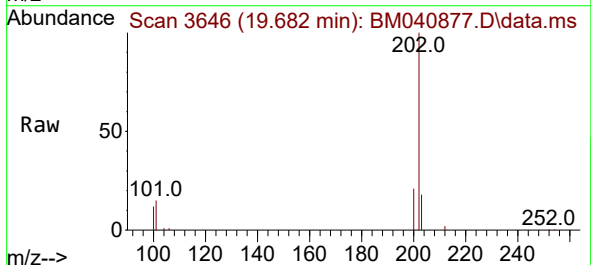
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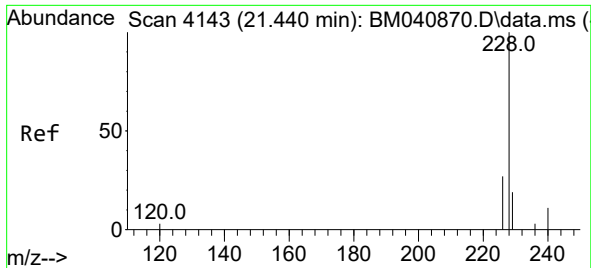
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 2.541 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

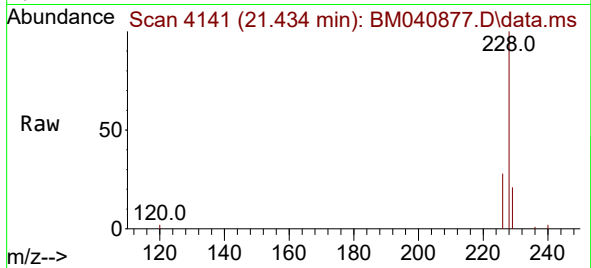
Tgt Ion:202 Resp: 85926
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.965 ng/ul
RT: 21.434 min Scan# 4115
Delta R.T. -0.012 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

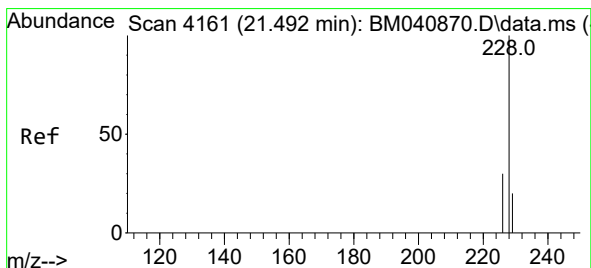
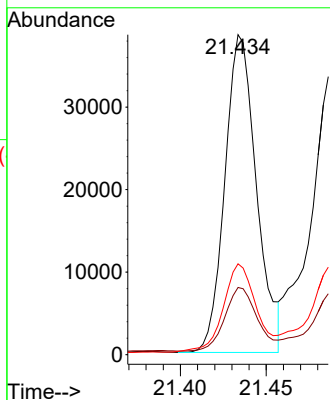
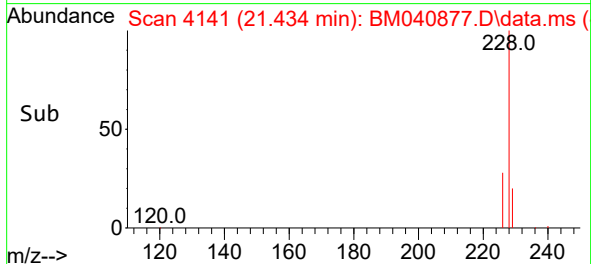
Instrument :
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Tgt Ion:228 Resp: 49358
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.4 22.3 33.5

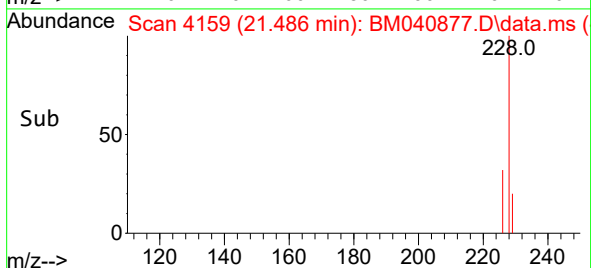
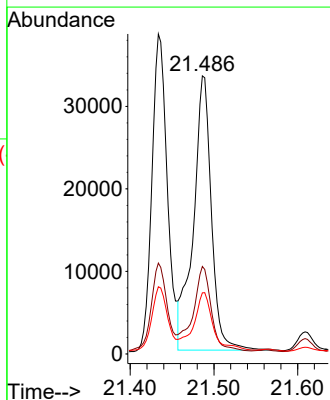
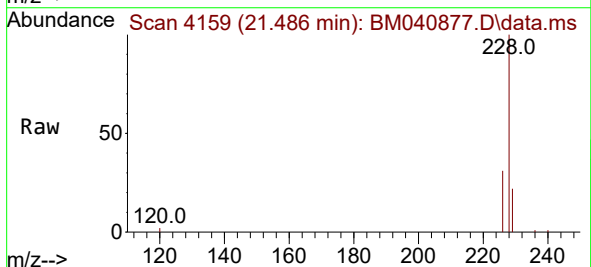
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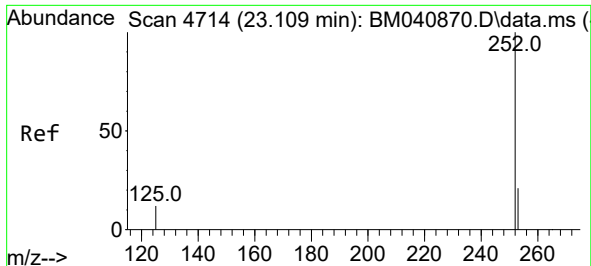
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 1.744 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

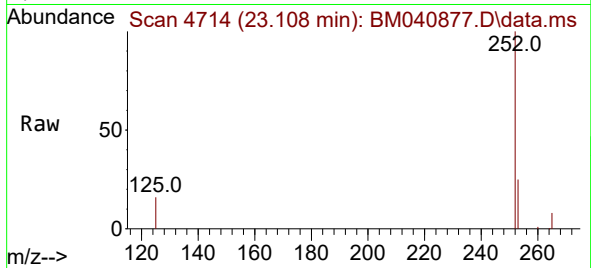
Tgt Ion:228 Resp: 49973
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.968 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. -0.012 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

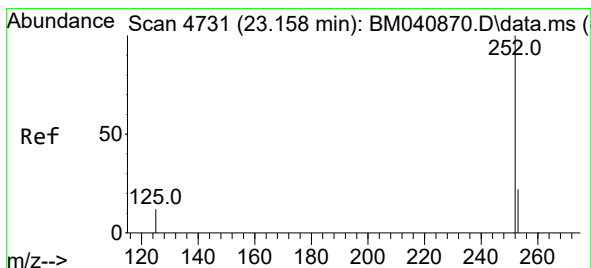
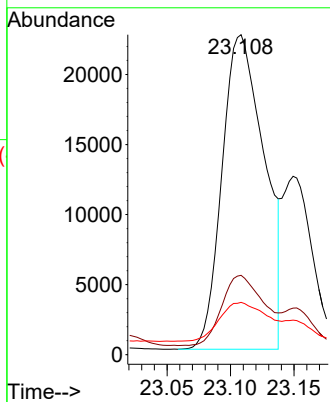
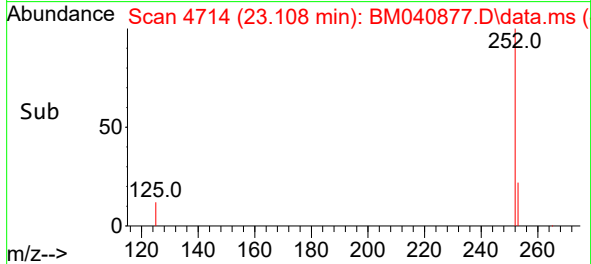
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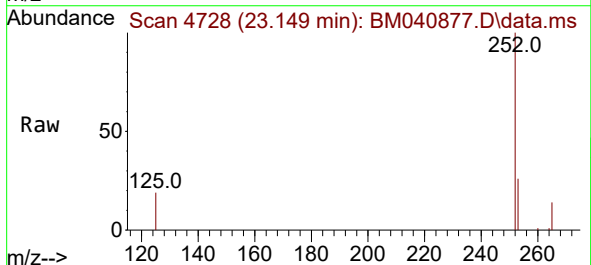
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Ion Ratio Lower Upper
252 100
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125 16.3 0.0 43.0

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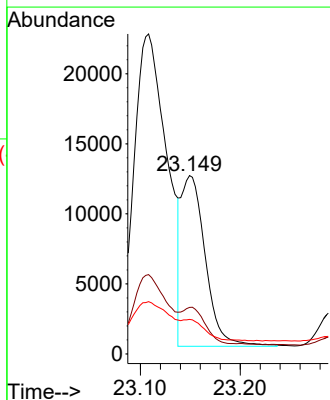
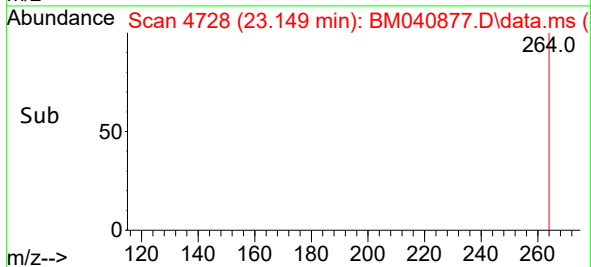
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

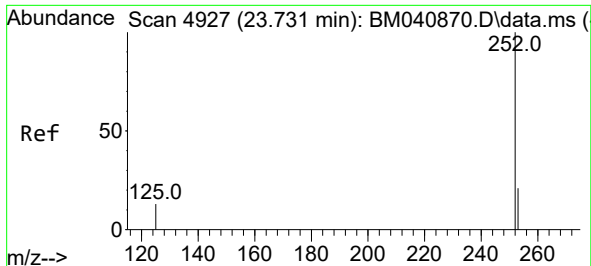


#25
Benzo(k)fluoranthene
Concen: 0.791 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.018 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46



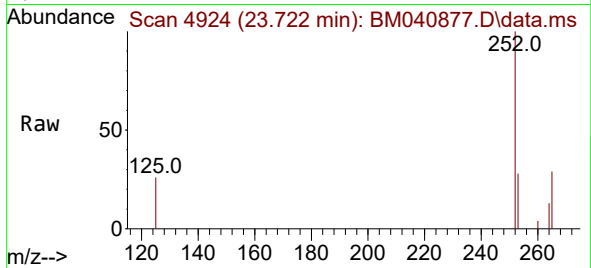
Tgt Ion:252 Resp: 20566
Ion Ratio Lower Upper
252 100
253 26.1 21.2 31.8
125 19.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.586 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.018 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

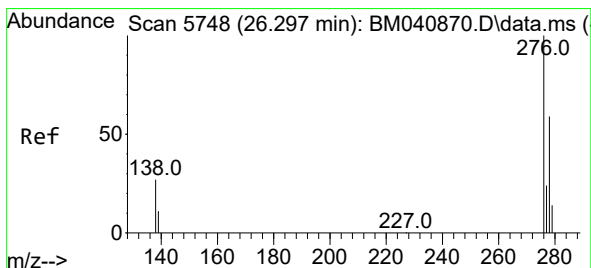
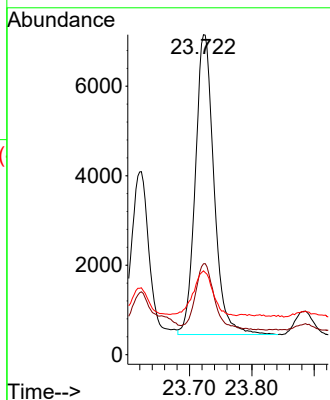
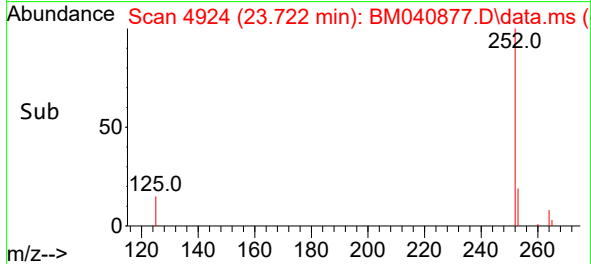
Instrument :
BNA_M
ClientSampleId :
A4643DL



Tgt Ion:252 Resp: 13920
Ion Ratio Lower Upper
252 100
253 28.4 22.9 34.3
125 26.2 21.0 31.4

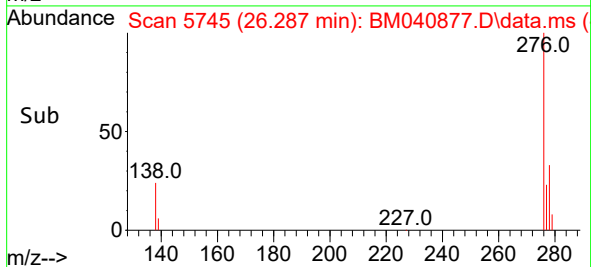
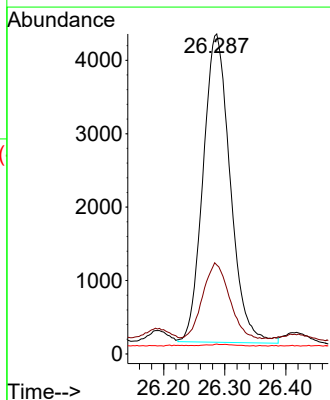
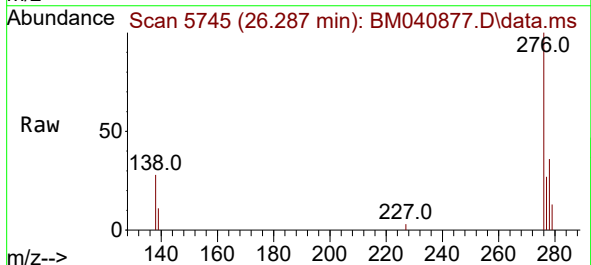
Manual Integrations
APPROVED

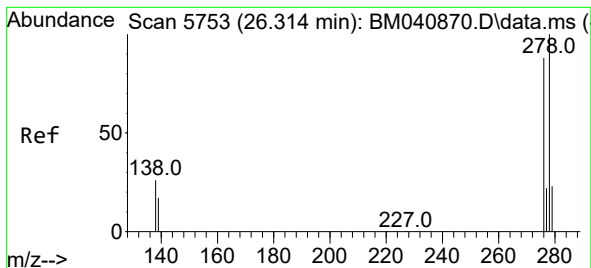
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM040877.D
Acq: 14 Jul 2023 13:46

Tgt Ion:276 Resp: 12981
Ion Ratio Lower Upper
276 100
138 24.8 24.5 36.7
227 0.5 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.212 ng/ul

RT: 26.297 min Scan# 51

Delta R.T. -0.030 min

Lab File: BM040877.D

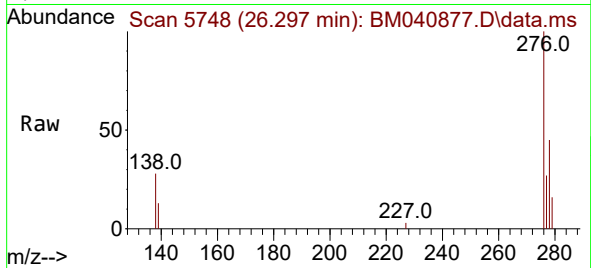
Acq: 14 Jul 2023 13:46

Instrument :

BNA_M

ClientSampleId :

A4643DL



Tgt Ion:278 Resp: 5479

Ion Ratio Lower Upper

278 100

139 28.4 17.9 26.9

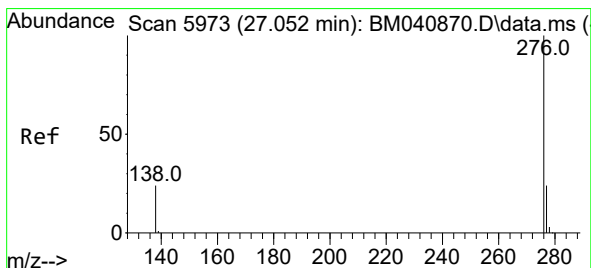
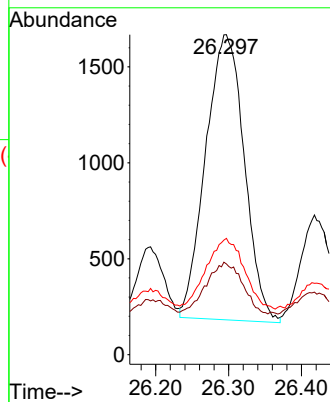
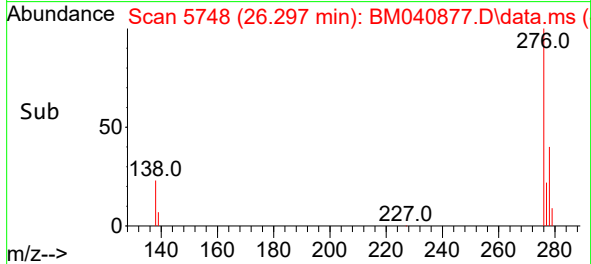
279 36.3 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023

Supervised By :mohammad ahmed 07/17/2023



#29

Benzo(g,h,i)perylene

Concen: 0.024 ng/ul

RT: 27.048 min Scan# 5972

Delta R.T. -0.020 min

Lab File: BM040877.D

Acq: 14 Jul 2023 13:46

Tgt Ion:276 Resp: 695

Ion Ratio Lower Upper

276 100

138 74.3 23.0 34.6#

277 60.3 20.3 30.5#

