

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040470.D
 Acq On : 30 Jun 2023 13:59
 Operator : MA/JU
 Sample : 03239-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFZ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:03:20 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	9052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	32964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	16124	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	31115	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	18592	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	20080	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	30357	2.135	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	6768	0.146	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	10083	0.169	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.794	128	4078	0.045	ng/ul#	86
7) 2-Methylnaphthalene	12.411	142	2717	0.051	ng/ul	97
8) 1-Methylnaphthalene	12.626	142	2012	0.038	ng/ul	99
10) Acenaphthylene	14.299	152	3207	0.045	ng/ul#	85
11) Acenaphthene	14.642	153	1808	0.030	ng/ul	96
12) Fluorene	15.627	166	1362	0.021	ng/ul#	87
15) Phenanthrene	17.366	178	34051	0.352	ng/ul	100
16) Anthracene	17.459	178	5297	0.065	ng/ul#	91
19) Fluoranthene	19.384	202	89595	1.134	ng/ul	96
20) Pyrene	19.747	202	74713	0.882	ng/ul	99
21) Benzo(a)anthracene	21.491	228	41920	0.667	ng/ul	97
22) Chrysene	21.544	228	55060	0.768	ng/ul	97
24) Benzo(b)fluoranthene	23.187	252	88362	1.137	ng/ul	94
25) Benzo(k)fluoranthene	23.230	252	30402m	0.397	ng/ul	
26) Benzo(a)pyrene	23.812	252	58056	0.829	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.424	276	58882	0.604	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.434	278	14675	0.192	ng/ul#	87
29) Benzo(g,h,i)perylene	27.202	276	59290	0.694	ng/ul	98

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

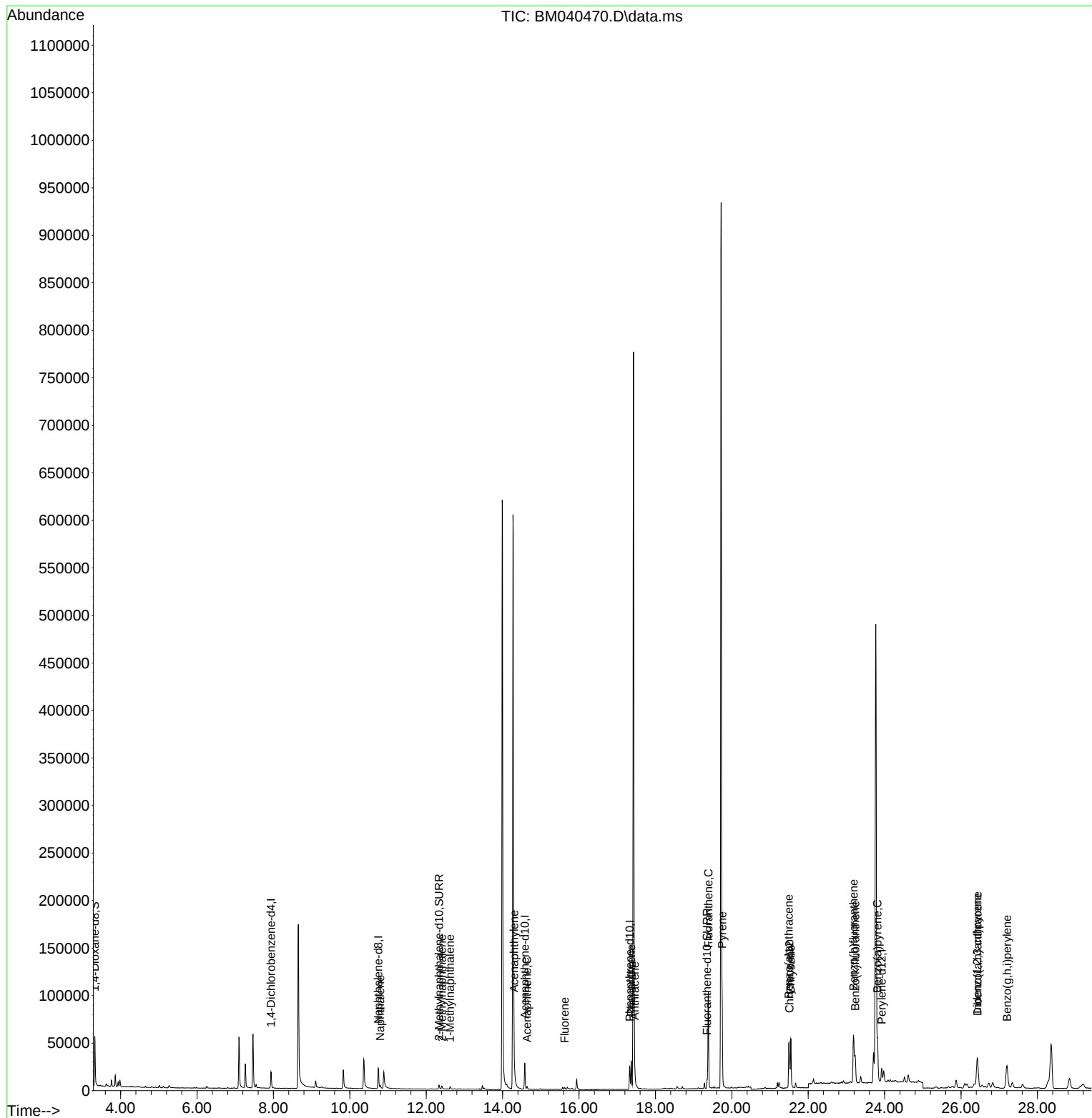
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040470.D
Acq On : 30 Jun 2023 13:59
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

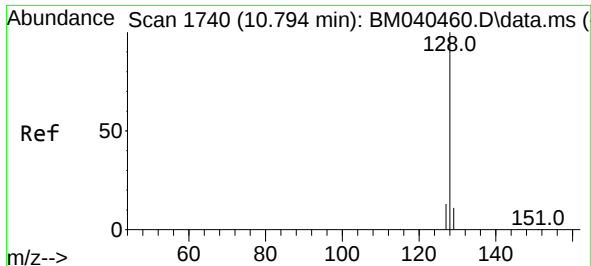
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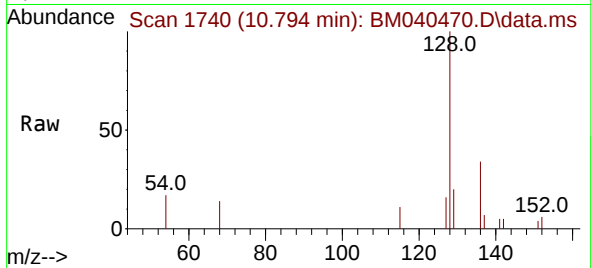
Quant Time: Jul 01 03:03:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.045 ng/uI
RT: 10.794 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

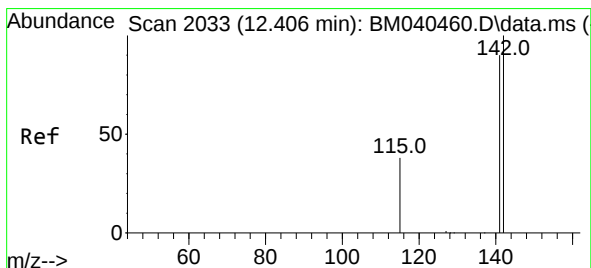
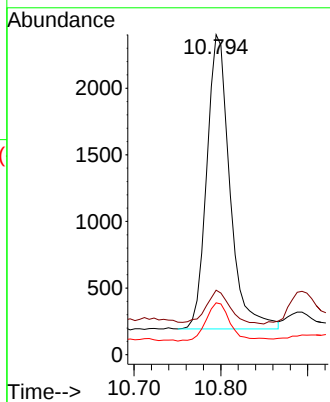
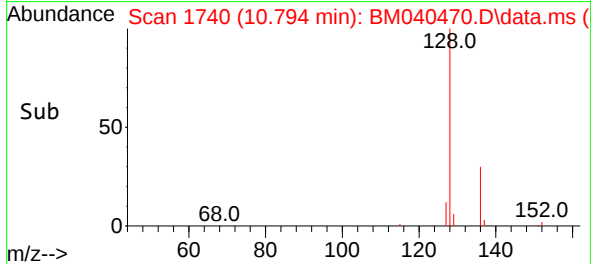
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:128 Resp: 4078
Ion Ratio Lower Upper
128 100
129 20.1 9.2 13.8
127 16.2 10.6 15.8

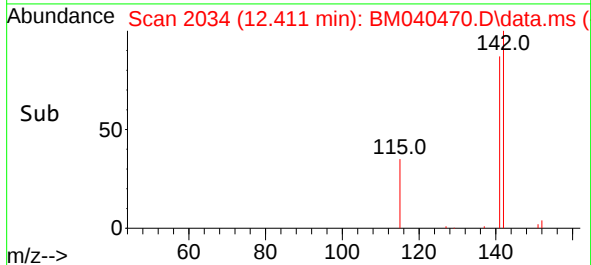
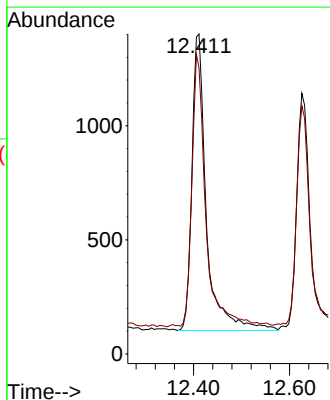
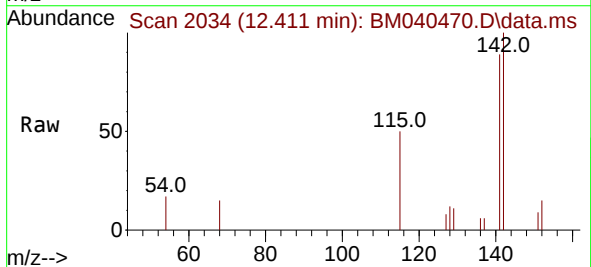
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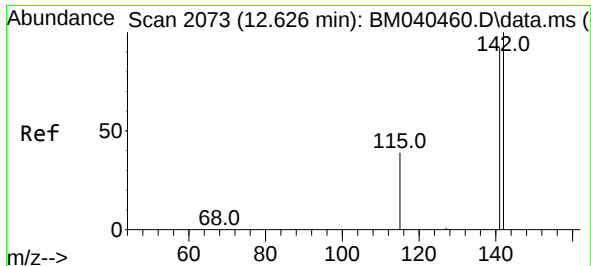
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.051 ng/uI
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

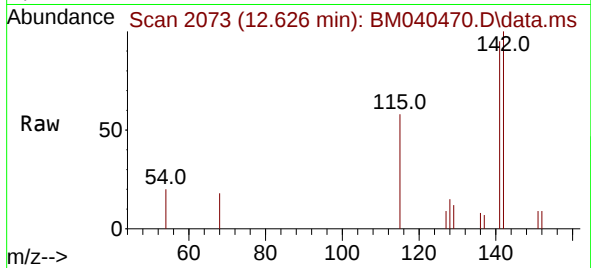
Tgt Ion:142 Resp: 2717
Ion Ratio Lower Upper
142 100
141 87.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

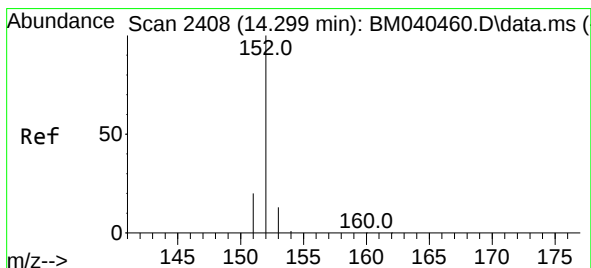
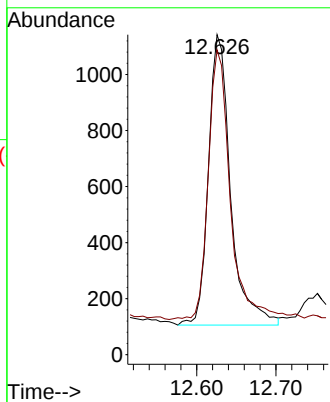
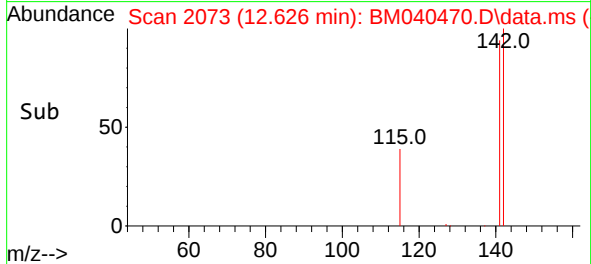
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:142 Resp: 2012
Ion Ratio Lower Upper
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141 91.1 73.7 110.5

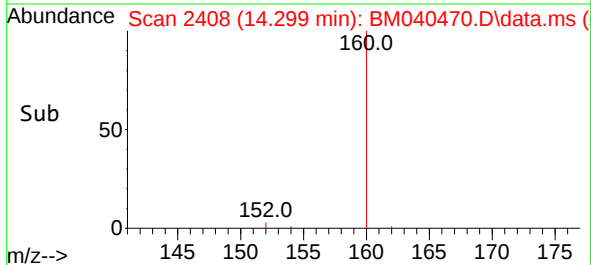
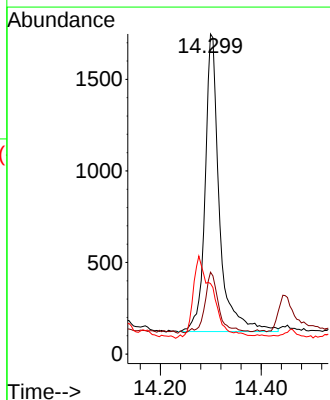
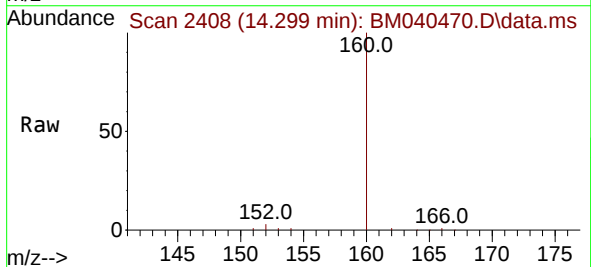
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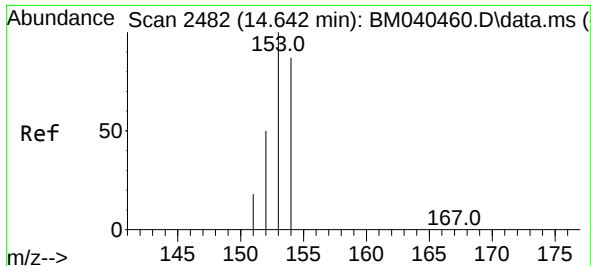
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

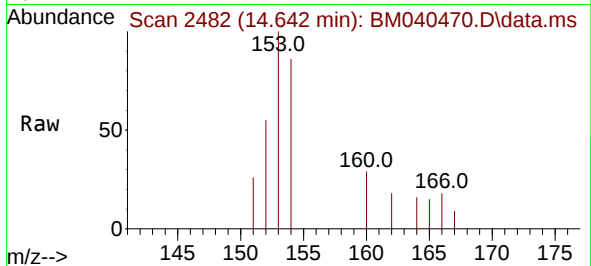
Tgt Ion:152 Resp: 3207
Ion Ratio Lower Upper
152 100
151 25.6 16.2 24.2#
153 22.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

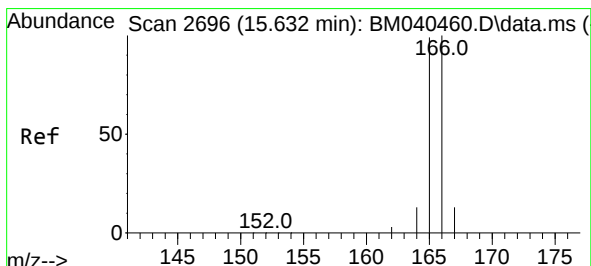
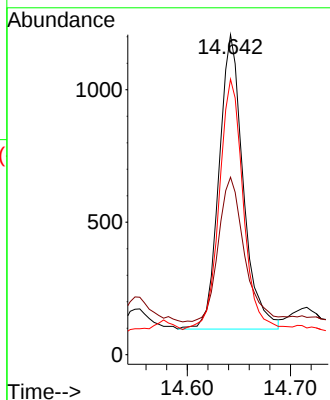
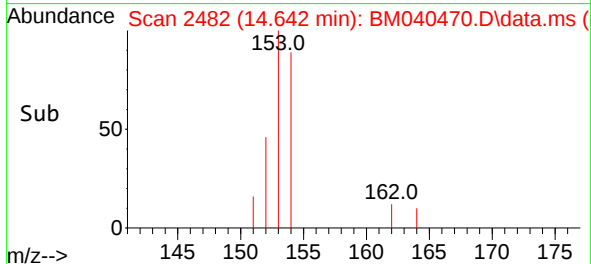
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:153 Resp: 1808
Ion Ratio Lower Upper
153 100
152 55.5 41.0 61.4
154 86.1 70.8 106.2

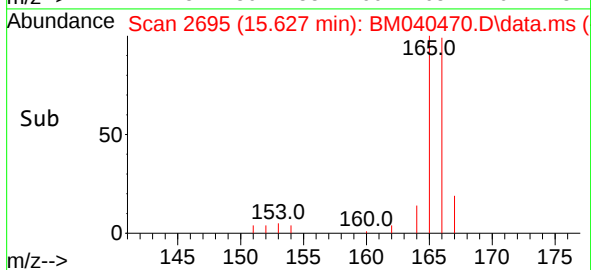
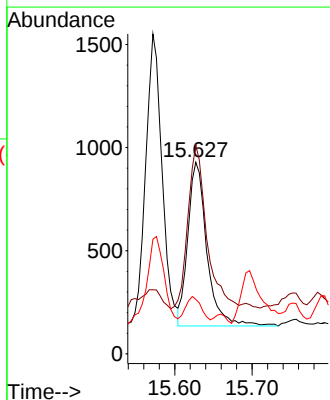
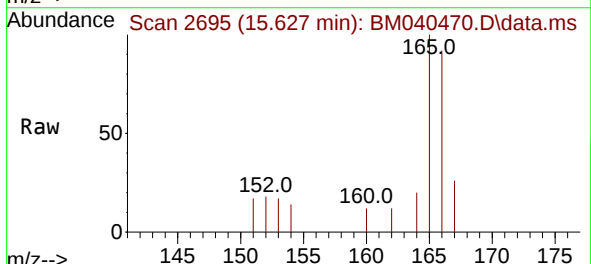
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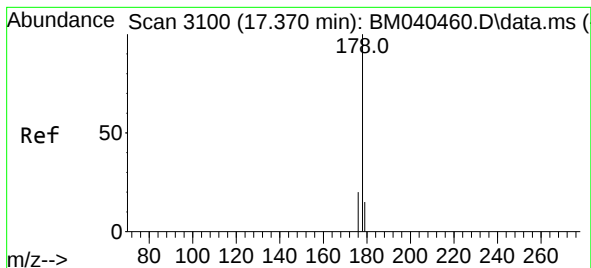
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

Tgt Ion:166 Resp: 1362
Ion Ratio Lower Upper
166 100
165 108.9 79.6 119.4
167 28.4 11.4 17.0#





#15

Phenanthrene

Concen: 0.352 ng/ul

RT: 17.366 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM040470.D

Acq: 30 Jun 2023 13:59

Instrument :

BNA_M

ClientSampleId :

DCFZ3

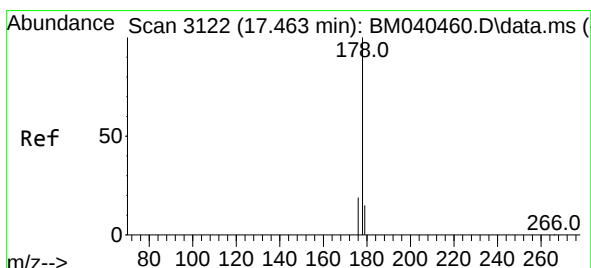
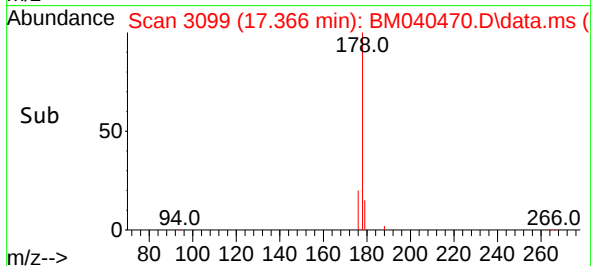
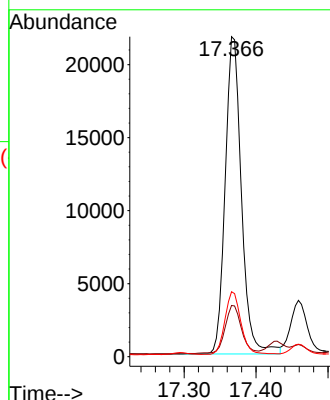
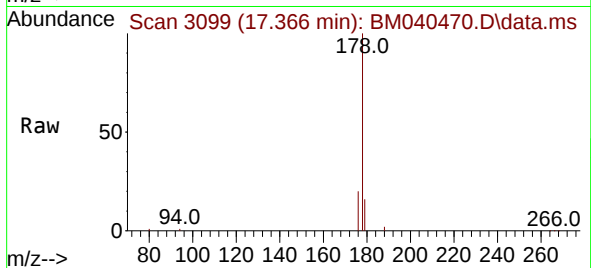
Tgt Ion:178	Resp:	3405
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.8 19.2
176	20.3	16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/01/2023



#16

Anthracene

Concen: 0.065 ng/ul

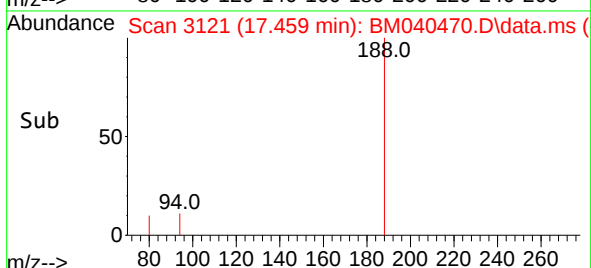
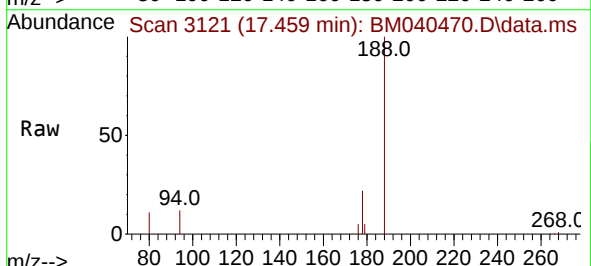
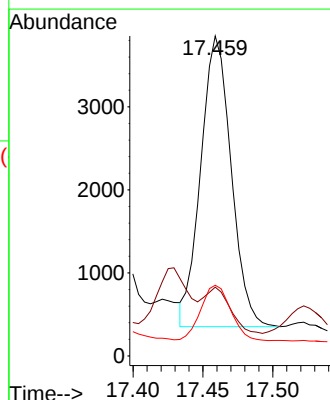
RT: 17.459 min Scan# 3121

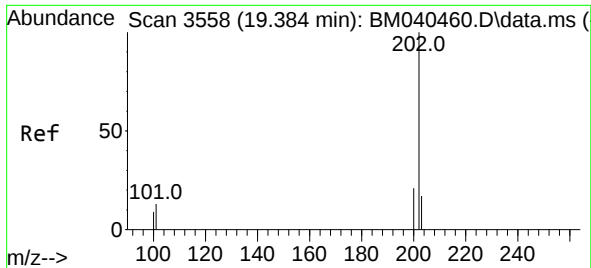
Delta R.T. -0.004 min

Lab File: BM040470.D

Acq: 30 Jun 2023 13:59

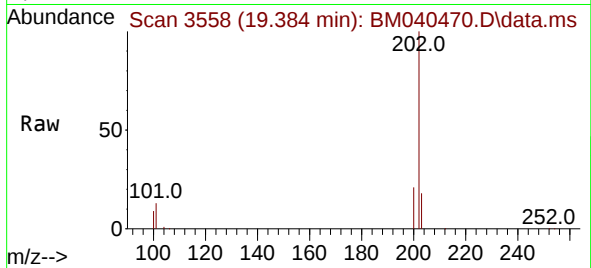
Tgt Ion:178	Resp:	5297
Ion Ratio	Lower	Upper
178	100	
179	21.5	12.9 19.3#
176	22.1	15.8 23.6





#19
Fluoranthene
Concen: 1.134 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

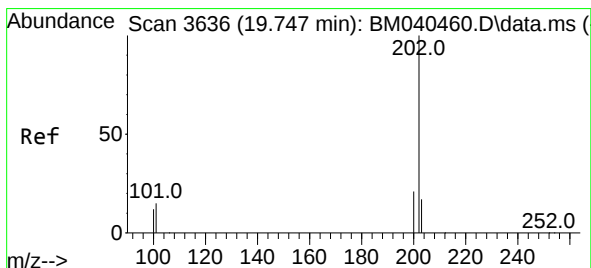
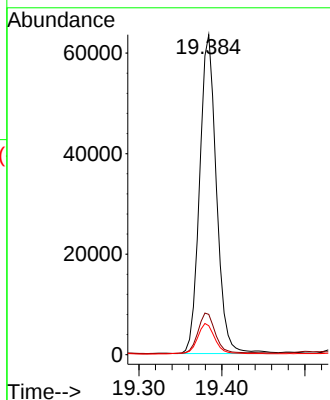
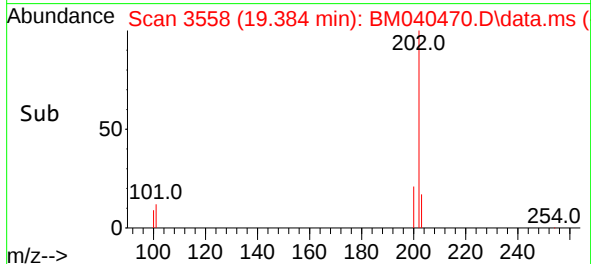
Instrument :
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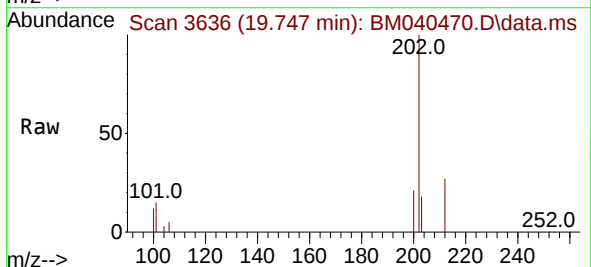
Tgt Ion:202 Resp: 8959
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.1 8.7 13.1

Manual Integrations
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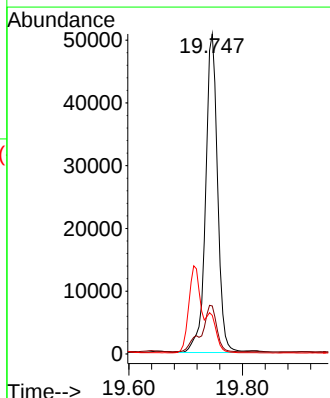
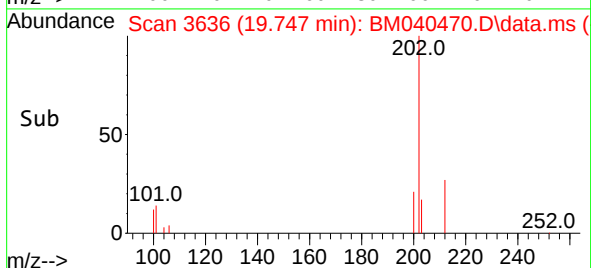
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

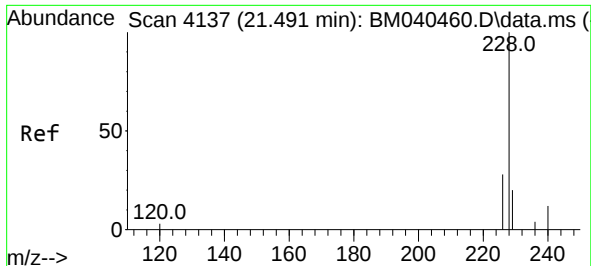


#20
Pyrene
Concen: 0.882 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59



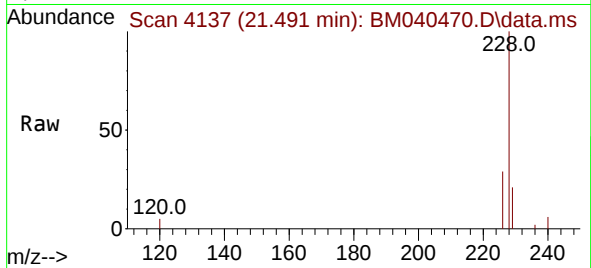
Tgt Ion:202 Resp: 74713
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.667 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

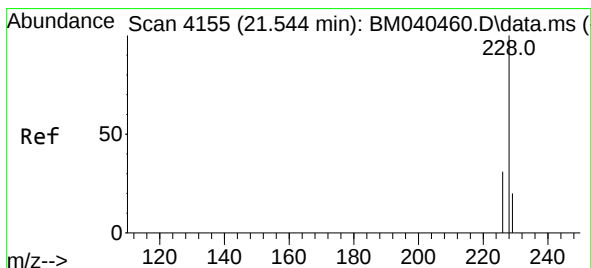
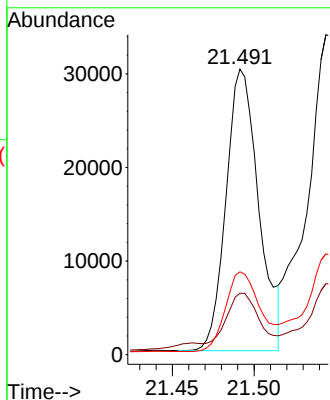
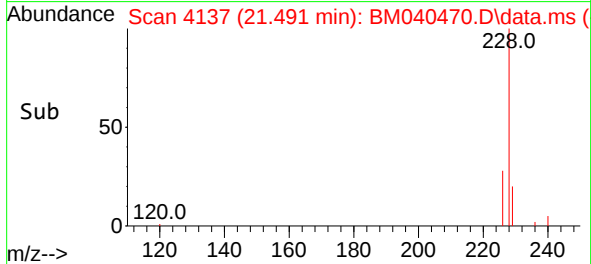
Instrument :
BNA_M
ClientSampleId :
DCFZ3



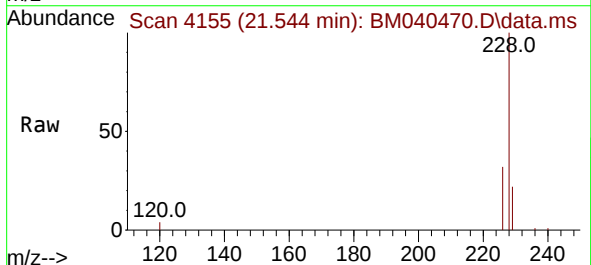
Tgt Ion:228 Resp: 41920
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 29.0 22.3 33.5

Manual Integrations
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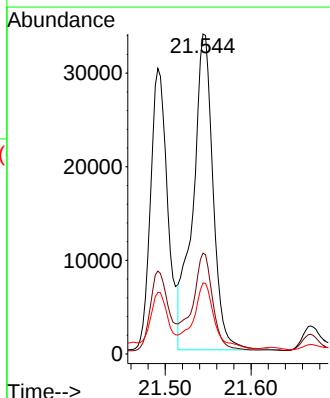
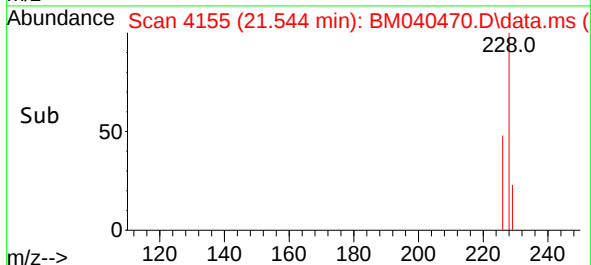
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

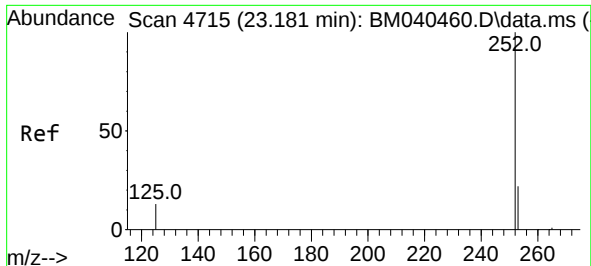


#22
Chrysene
Concen: 0.768 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59



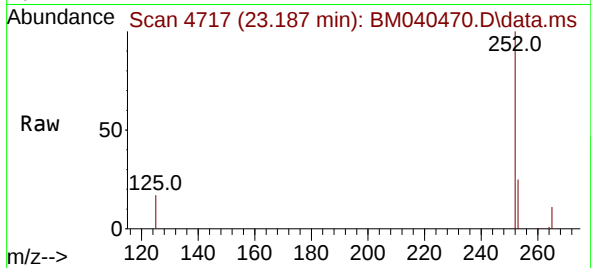
Tgt Ion:228 Resp: 55060
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.137 ng/ul
RT: 23.187 min Scan# 4715
Delta R.T. 0.006 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

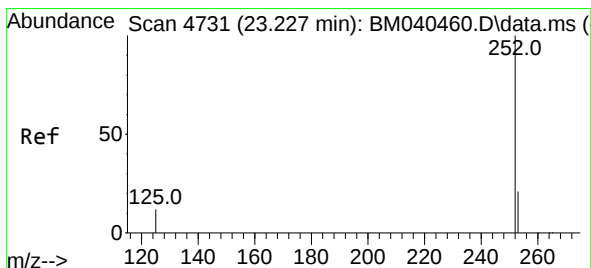
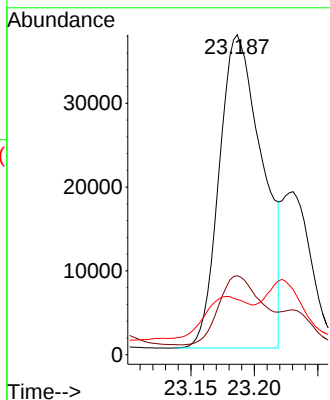
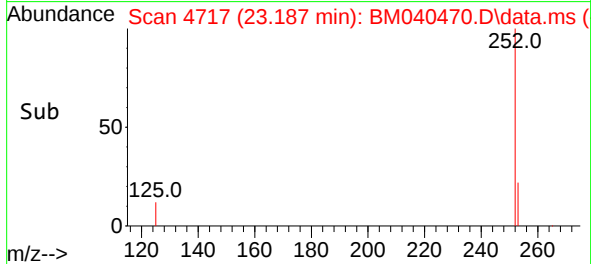
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion:252 Resp: 88362
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.8
125 17.3 0.0 43.0

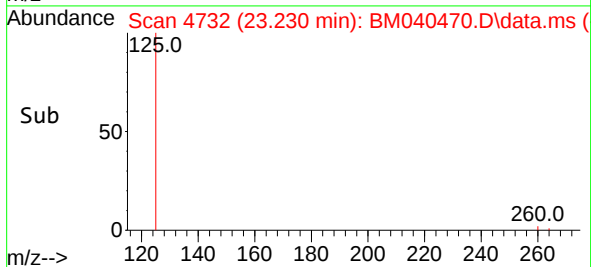
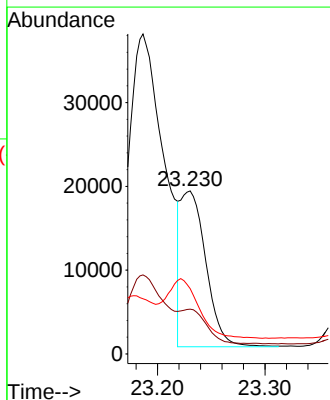
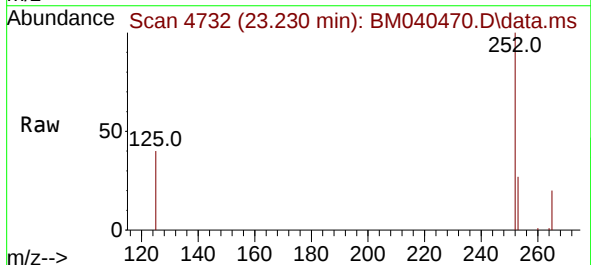
Manual Integrations
APPROVED

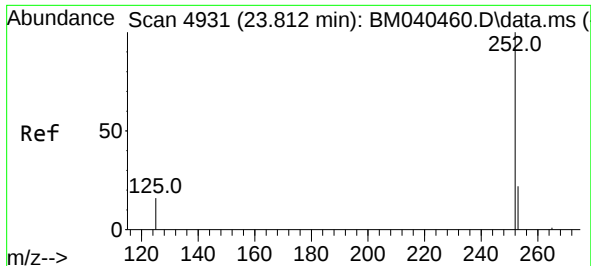
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

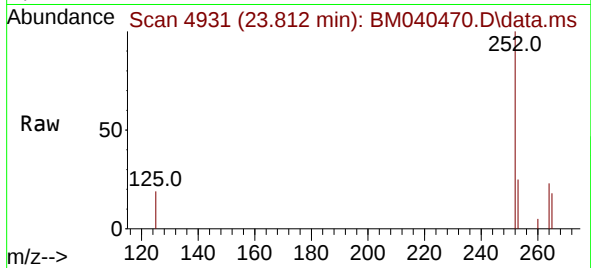
Tgt Ion:252 Resp: 30402
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 40.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.829 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

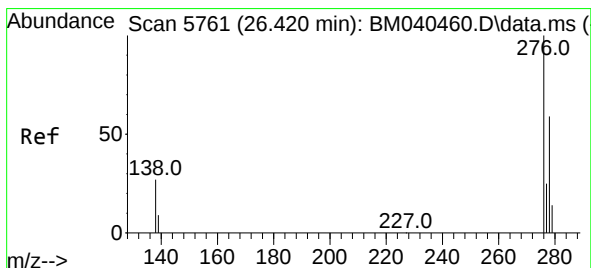
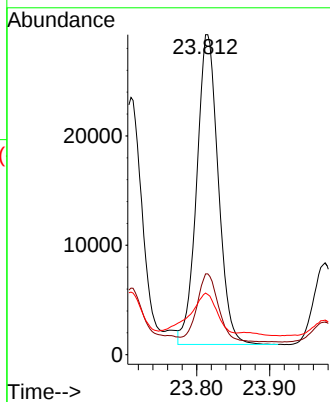
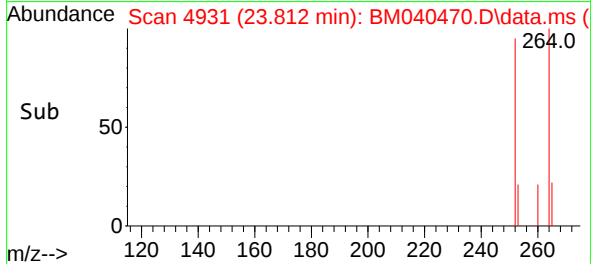
Instrument :
BNA_M
ClientSampleId :
DCFZ3



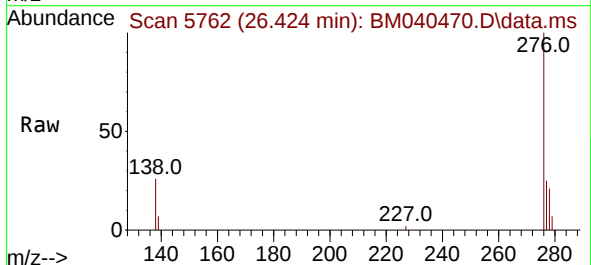
Tgt Ion:252 Resp: 58050
Ion Ratio Lower Upper
252 100
253 25.3 22.9 34.3
125 19.2 21.0 31.4

Manual Integrations
APPROVED

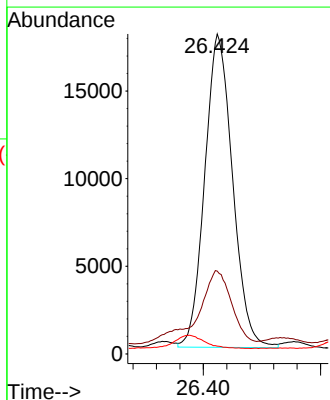
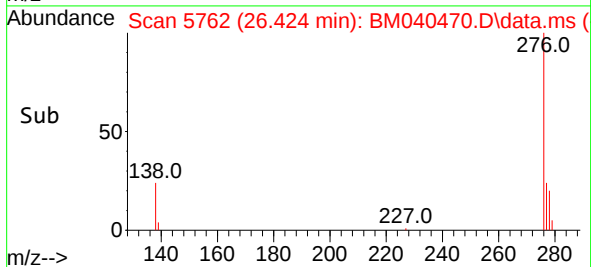
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

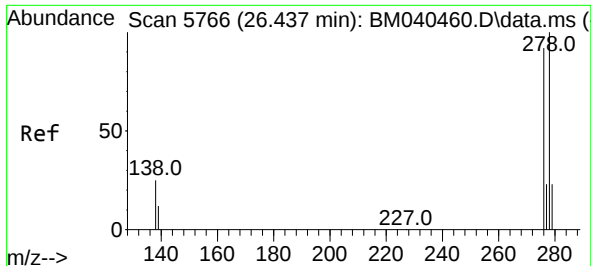


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.604 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59



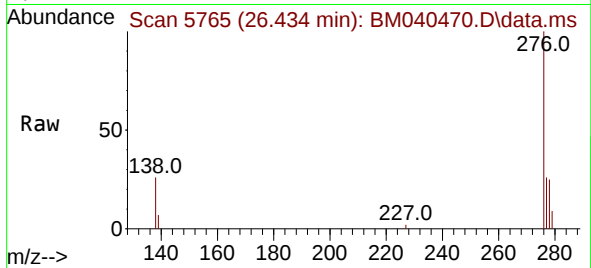
Tgt Ion:276 Resp: 58882
Ion Ratio Lower Upper
276 100
138 28.7 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 26.434 min Scan# 5766
Delta R.T. -0.003 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

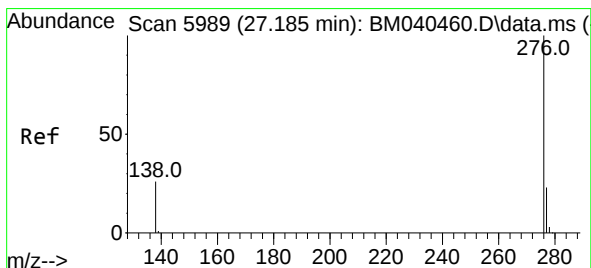
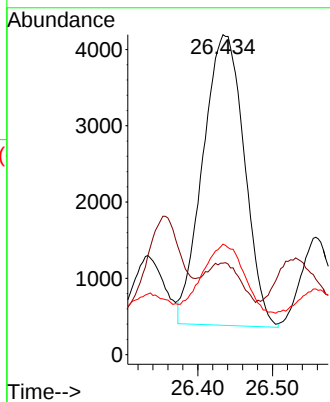
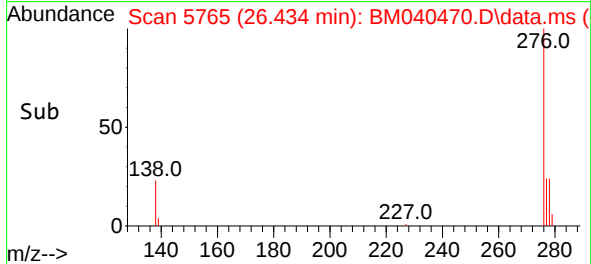
Instrument :
BNA_M
ClientSampleId :
DCFZ3



Tgt Ion: 278 Resp: 14675
Ion Ratio Lower Upper
278 100
139 28.6 17.9 26.9
279 34.5 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.694 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040470.D
Acq: 30 Jun 2023 13:59

Tgt Ion: 276 Resp: 59290
Ion Ratio Lower Upper
276 100
138 27.0 23.0 34.6
277 25.2 20.3 30.5

