

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040467.D
 Acq On : 30 Jun 2023 12:07
 Operator : MA/JU
 Sample : 03239-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFY6

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 03:02:53 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 : 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	7759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	28735	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.577	164	14266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	28581	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16844	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	17326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	34532	2.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	6907	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	11315	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.794	128	9965	0.126	ng/ul#	94
7) 2-Methylnaphthalene	12.406	142	5701	0.122	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	3811	0.082	ng/ul	98
10) Acenaphthylene	14.299	152	14934	0.234	ng/ul	98
11) Acenaphthene	14.642	153	3452	0.064	ng/ul	99
12) Fluorene	15.627	166	3618	0.063	ng/ul#	95
15) Phenanthrene	17.366	178	105292	1.186	ng/ul	99
16) Anthracene	17.459	178	18031	0.242	ng/ul	99
19) Fluoranthene	19.379	202	351527	4.913	ng/ul	97
20) Pyrene	19.747	202	273112m	3.560	ng/ul	
21) Benzo(a)anthracene	21.488	228	154976	2.720	ng/ul	99
22) Chrysene	21.541	228	157774	2.428	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	238291	3.554	ng/ul	92
25) Benzo(k)fluoranthene	23.224	252	64196m	0.971	ng/ul	
26) Benzo(a)pyrene	23.809	252	138770	2.298	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.417	276	112963	1.343	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.424	278	28323	0.430	ng/ul	95
29) Benzo(g,h,i)perylene	27.192	276	109898	1.491	ng/ul	96

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

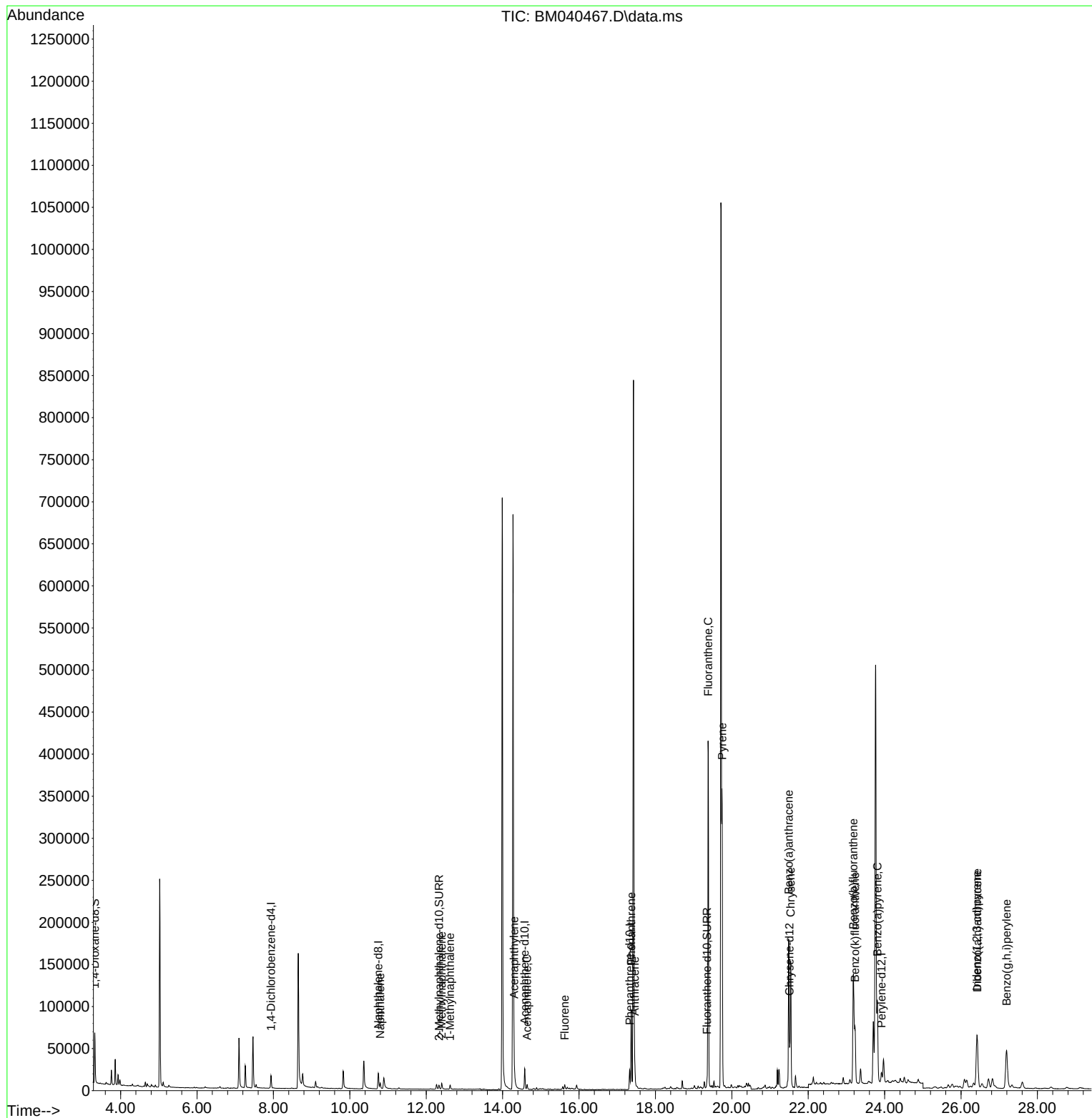
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040467.D
Acq On : 30 Jun 2023 12:07
Operator : MA/JU
Sample : 03239-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

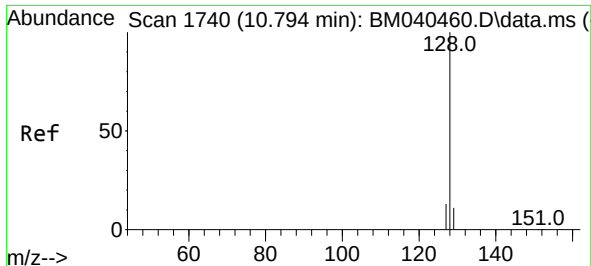
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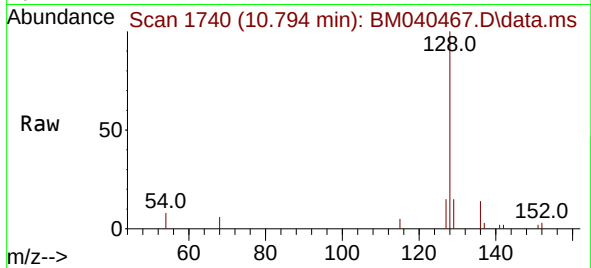
Quant Time: Jul 01 03:02:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.794 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

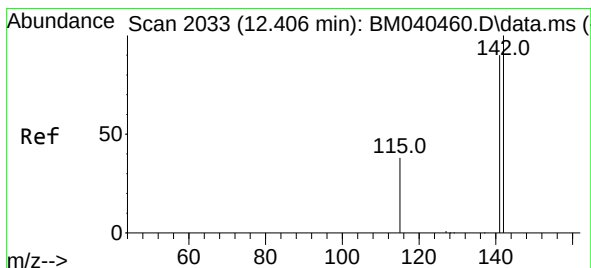
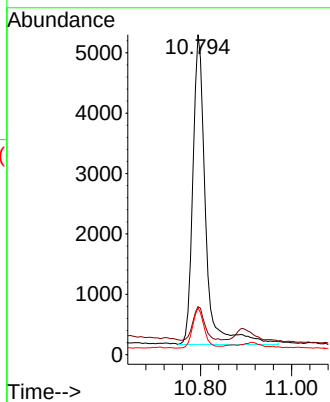
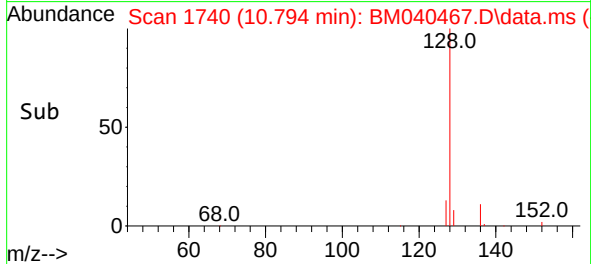
Instrument :
BNA_M
ClientSampleId :
DCFY6



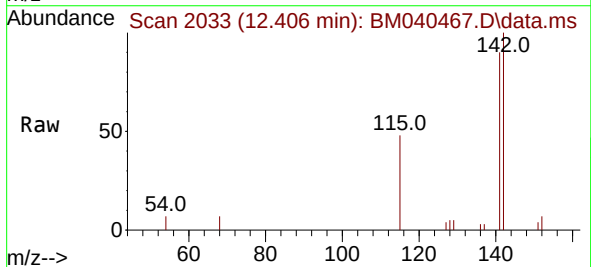
Tgt Ion:128 Resp: 996
Ion Ratio Lower Upper
128 100
129 15.0 9.2 13.8
127 14.6 10.6 15.8

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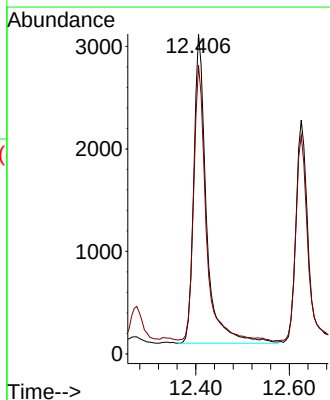
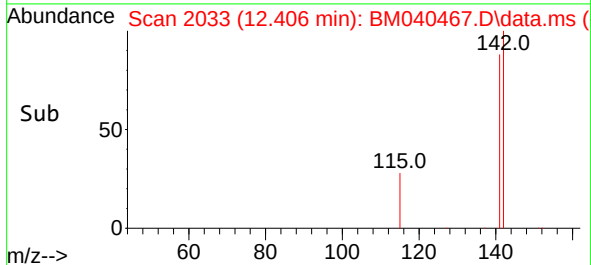
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

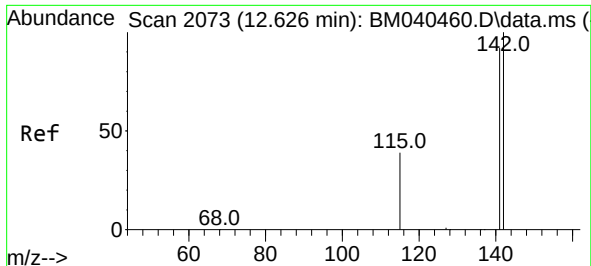


#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07



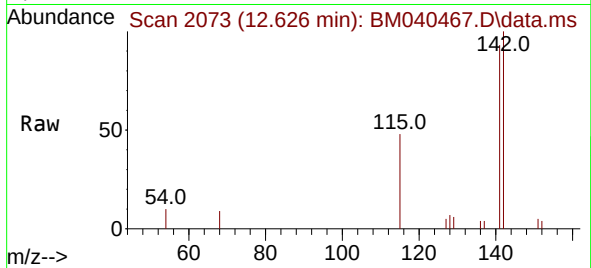
Tgt Ion:142 Resp: 5701
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

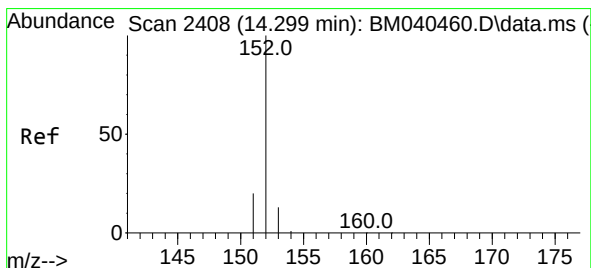
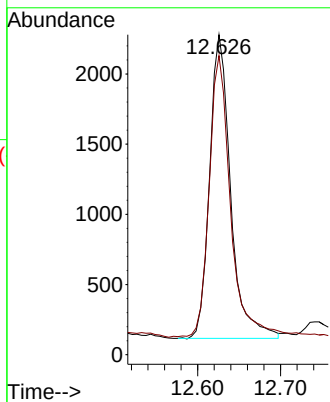
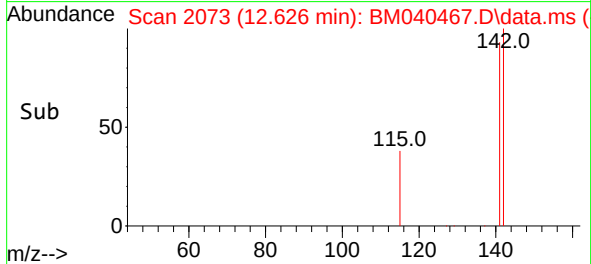
Instrument :
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Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
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141 94.0 73.7 110.5

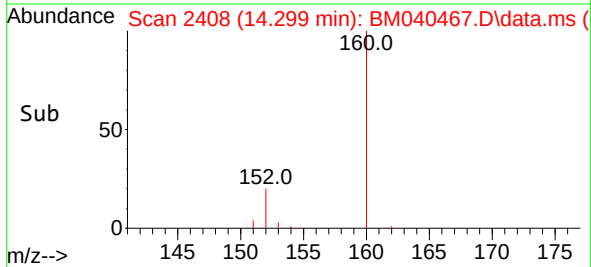
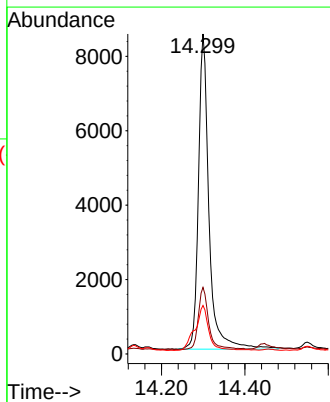
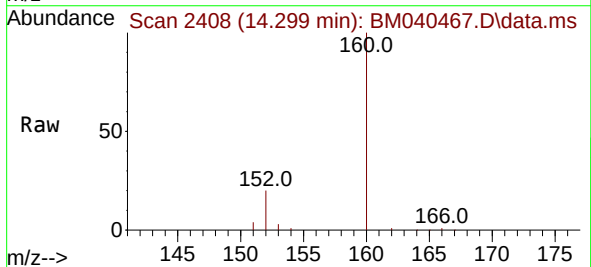
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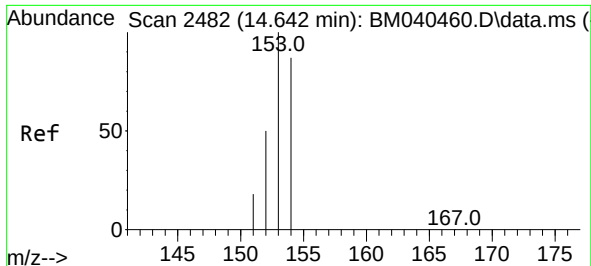
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.234 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

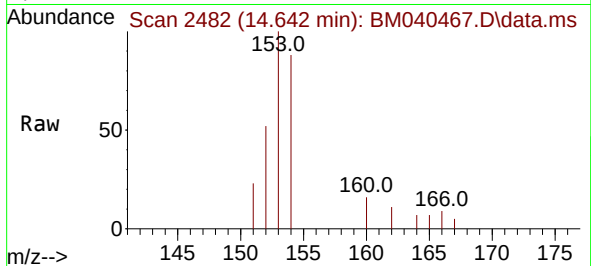
Tgt Ion:152 Resp: 14934
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

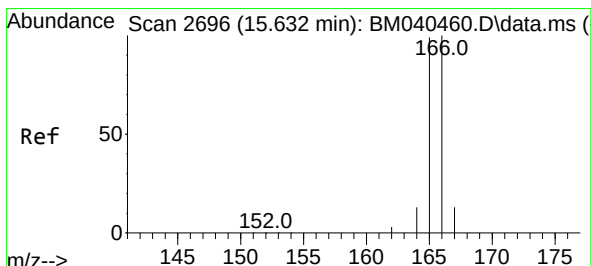
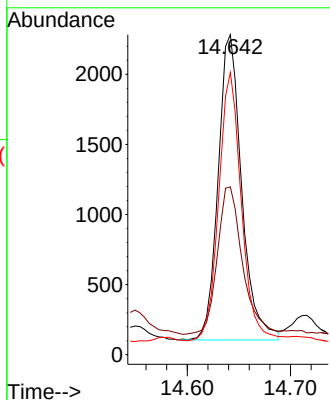
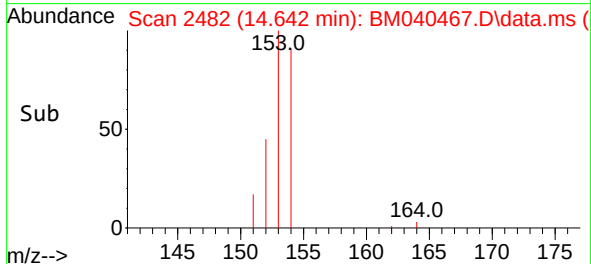
Instrument :
BNA_M
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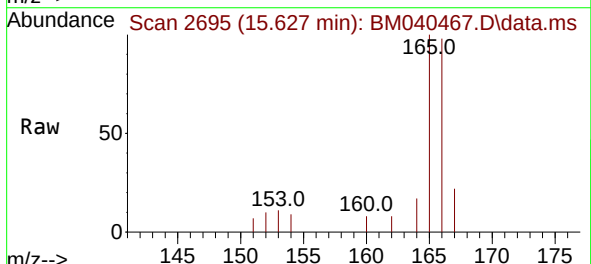
Tgt Ion:153 Resp: 3452
Ion Ratio Lower Upper
153 100
152 52.5 41.0 61.4
154 88.3 70.8 106.2

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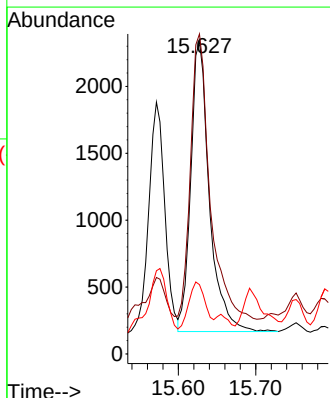
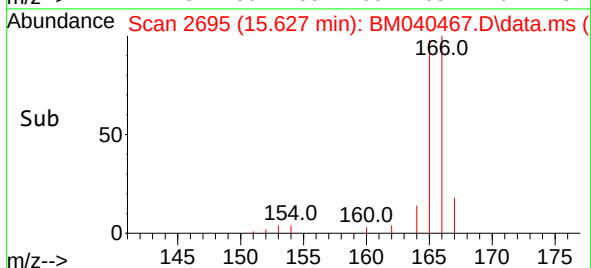
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

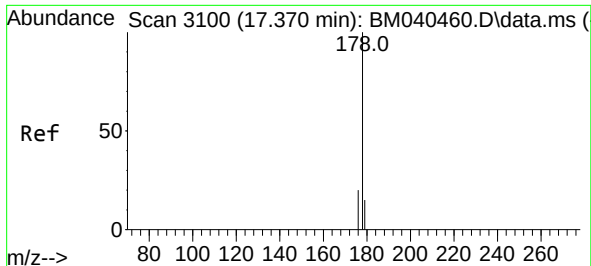


#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07



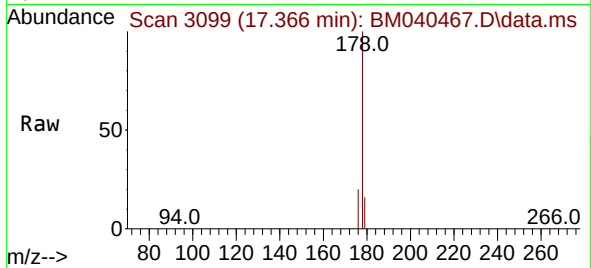
Tgt Ion:166 Resp: 3618
Ion Ratio Lower Upper
166 100
165 102.2 79.6 119.4
167 22.1 11.4 17.0#





#15
Phenanthrene
Concen: 1.186 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

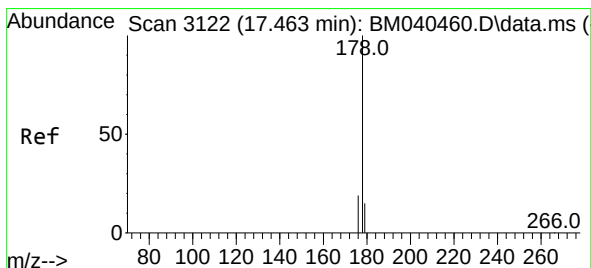
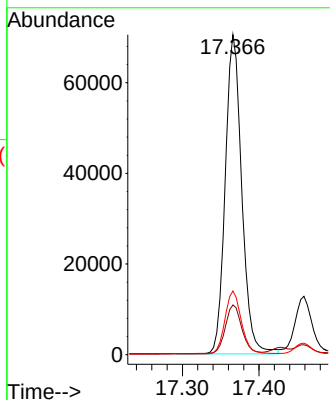
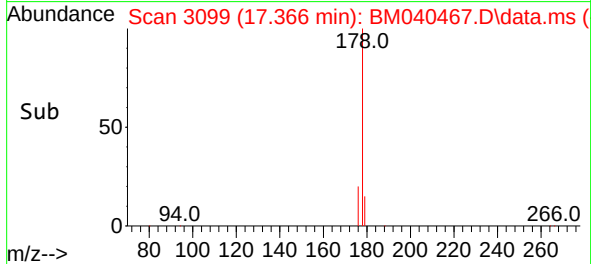
Instrument :
BNA_M
ClientSampleId :
DCFY6



Tgt Ion:178 Resp: 10529
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.9 16.4 24.6

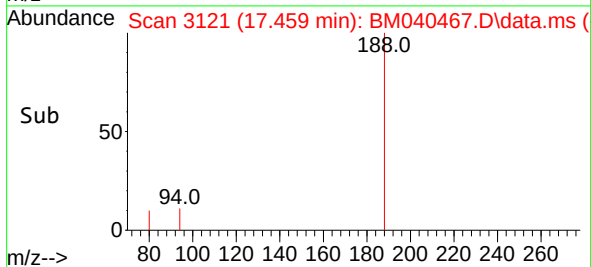
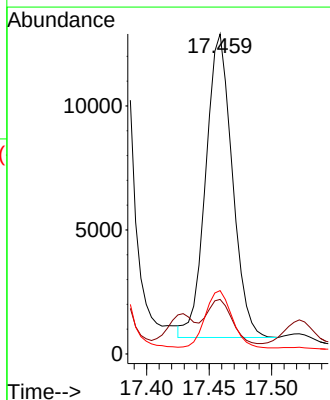
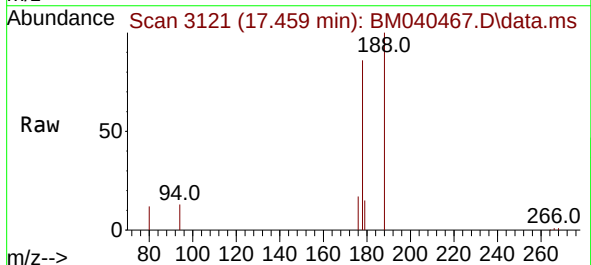
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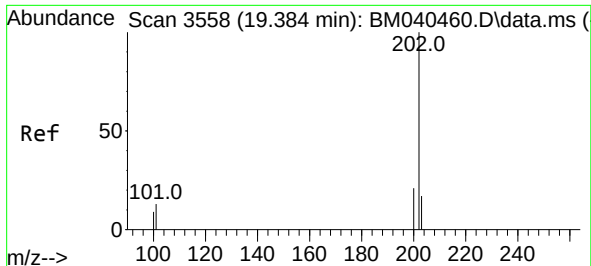
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

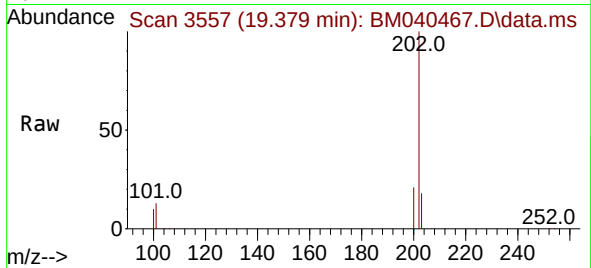
Tgt Ion:178 Resp: 18031
Ion Ratio Lower Upper
178 100
179 17.0 12.9 19.3
176 19.8 15.8 23.6





#19
Fluoranthene
Concen: 4.913 ng/ul
RT: 19.379 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

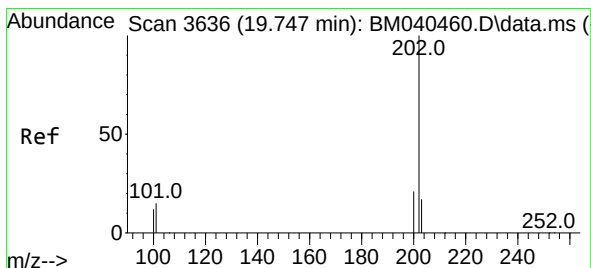
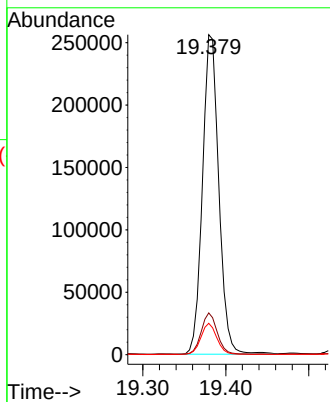
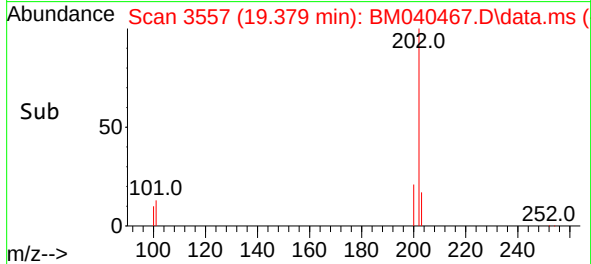
Instrument :
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ClientSampleId :
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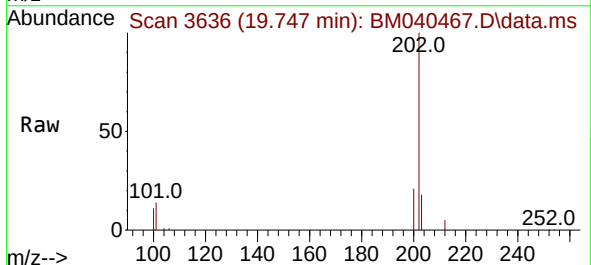
Tgt Ion:202 Resp: 35152
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 9.8 8.7 13.1

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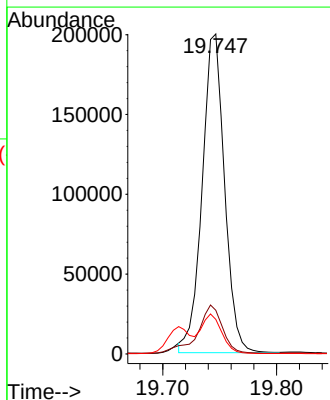
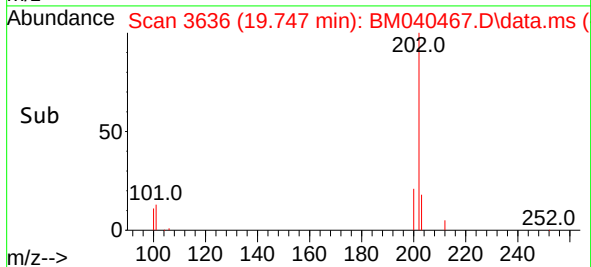
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

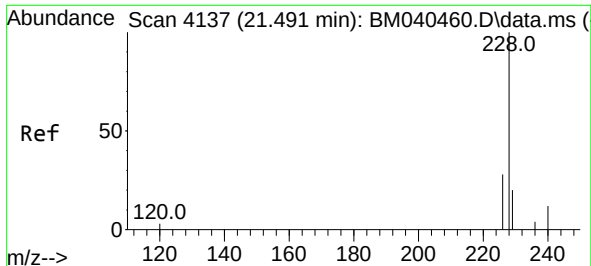


#20
Pyrene
Concen: 3.560 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07



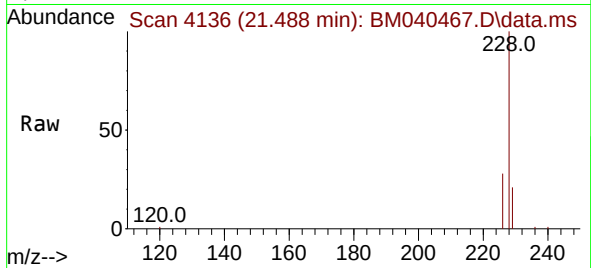
Tgt Ion:202 Resp: 273112
Ion Ratio Lower Upper
202 100
101 13.6 12.6 18.8
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.720 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

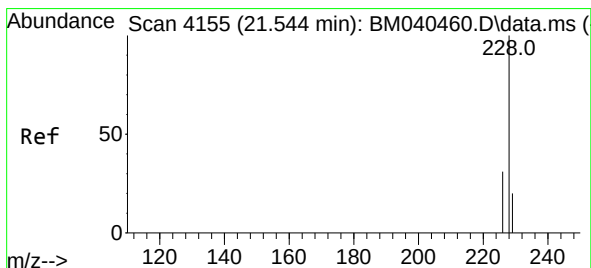
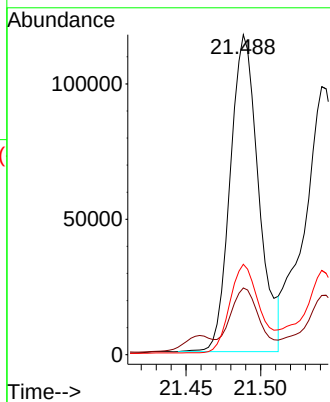
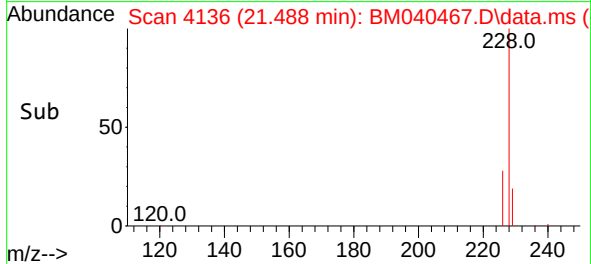
Instrument :
BNA_M
ClientSampleId :
DCFY6



Tgt Ion:228 Resp: 154970
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.3 22.3 33.5

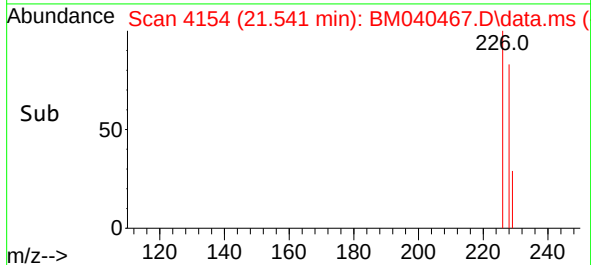
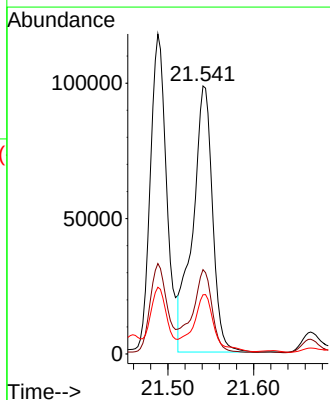
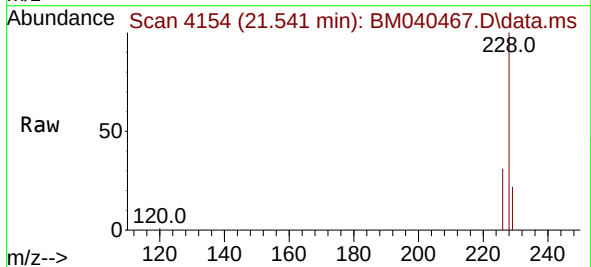
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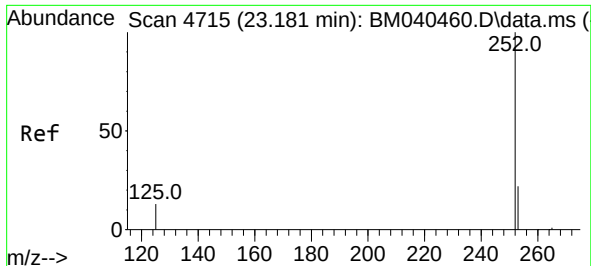
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 2.428 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

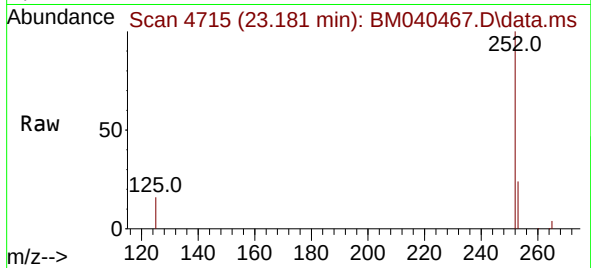
Tgt Ion:228 Resp: 157774
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.554 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

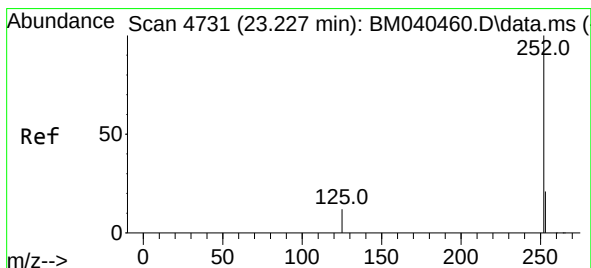
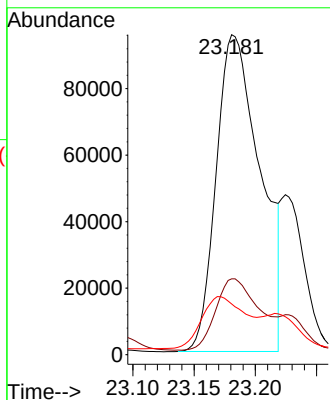
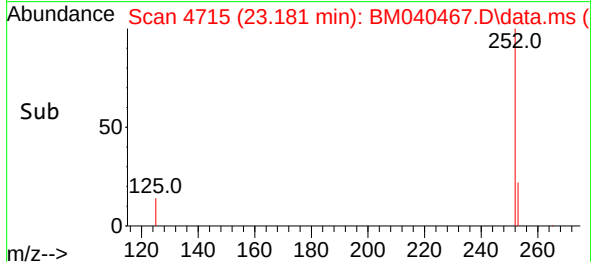
Instrument :
BNA_M
ClientSampleId :
DCFY6



Tgt Ion:252 Resp: 23829
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 15.8 0.0 43.0

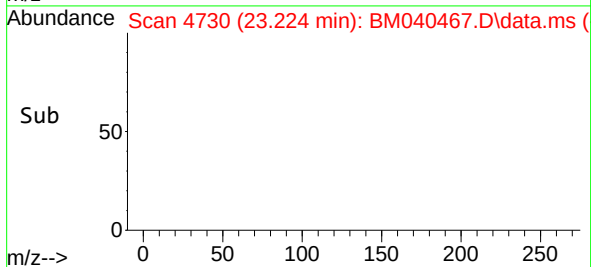
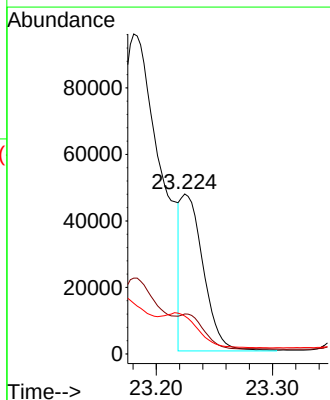
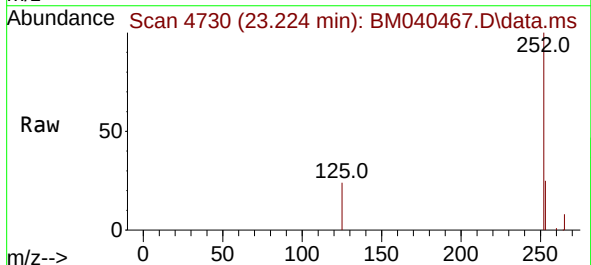
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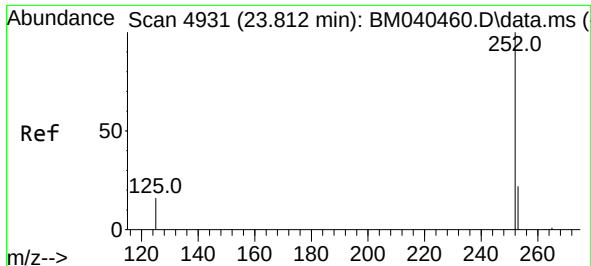
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.971 ng/ul m
RT: 23.224 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

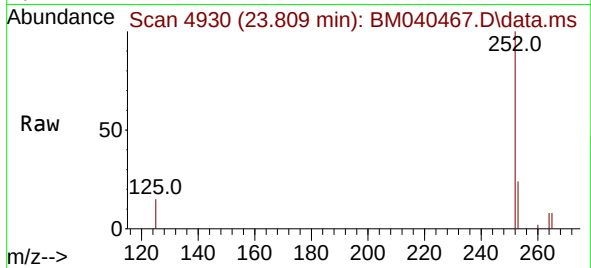
Tgt Ion:252 Resp: 64196
Ion Ratio Lower Upper
252 100
253 25.1 21.2 31.8
125 23.7 16.4 24.6





#26
Benzo(a)pyrene
Concen: 2.298 ng/ul
RT: 23.809 min Scan# 4931
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

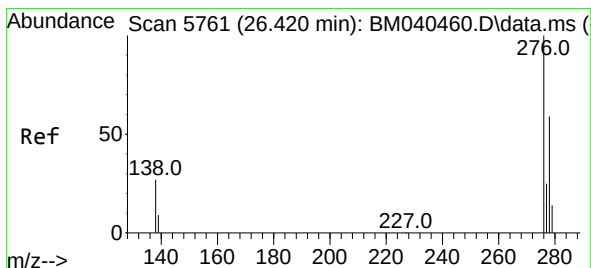
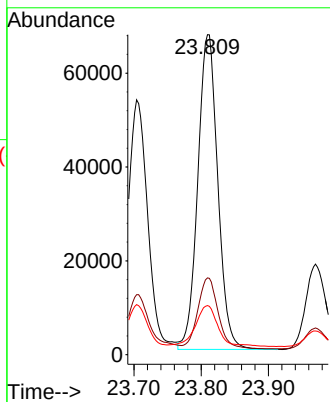
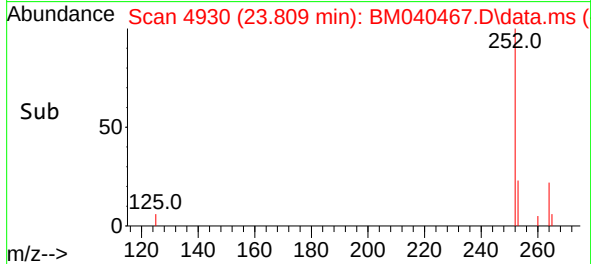
Instrument :
BNA_M
ClientSampleId :
DCFY6



Tgt Ion:252 Resp: 138770
Ion Ratio Lower Upper
252 100
253 24.0 22.9 34.3
125 15.4 21.0 31.4

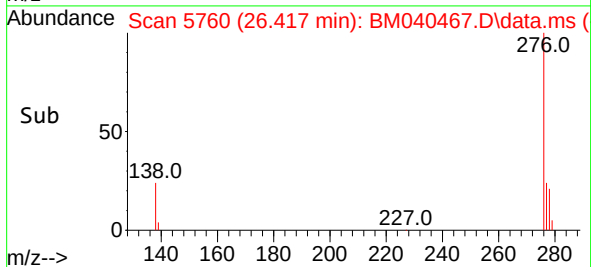
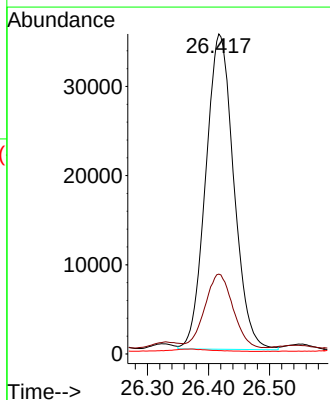
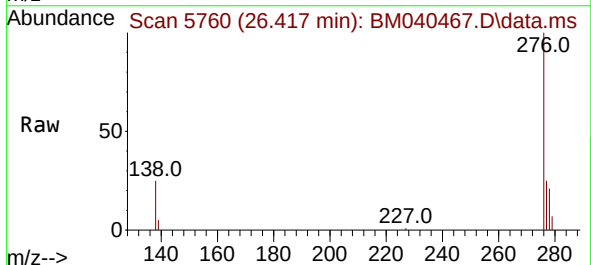
Manual Integrations
APPROVED

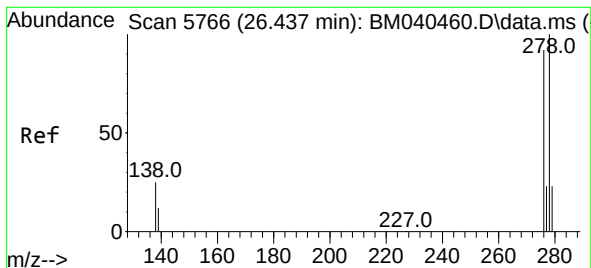
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.343 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:276 Resp: 112963
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.430 ng/ul

RT: 26.424 min Scan# 51

Delta R.T. -0.013 min

Lab File: BM040467.D

Acq: 30 Jun 2023 12:07

Instrument :

BNA_M

ClientSampleId :

DCFY6

Tgt Ion:278 Resp: 2832

Ion Ratio Lower Upper

278 100

139 22.9 17.9 26.9

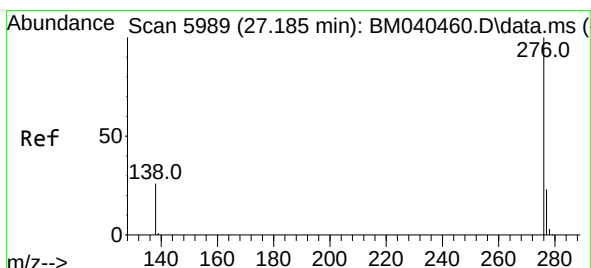
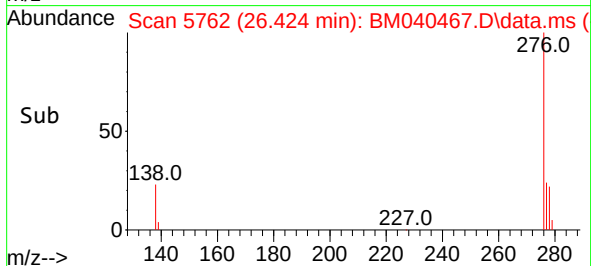
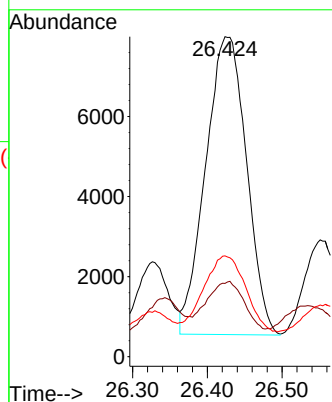
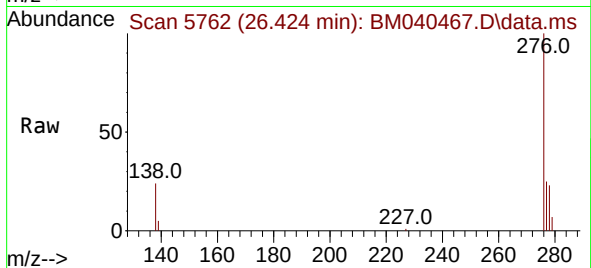
279 31.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#29

Benzo(g,h,i)perylene

Concen: 1.491 ng/ul

RT: 27.192 min Scan# 5991

Delta R.T. 0.007 min

Lab File: BM040467.D

Acq: 30 Jun 2023 12:07

Tgt Ion:276 Resp: 109898

Ion Ratio Lower Upper

276 100

138 25.3 23.0 34.6

277 24.4 20.3 30.5

