

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040367.D
 Acq On : 23 Jun 2023 02:27
 Operator : MA/JU
 Sample : 03084-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:19:17 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	7.953	152	8761	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	29755	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	14398	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	23374	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	14963	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	18689	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	17746	1.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	3943	0.095	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	4971	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	3796	0.046	ng/ul#	88
7) 2-Methylnaphthalene	12.422	142	1851	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	1438	0.030	ng/ul	99
10) Acenaphthylene	14.313	152	2332	0.036	ng/ul#	84
14) Pentachlorophenol	16.994	266	484	0.108	ng/ul	96
15) Phenanthrene	17.374	178	8522	0.117	ng/ul	96
16) Anthracene	17.467	178	2105	0.035	ng/ul#	79
19) Fluoranthene	19.389	202	17772	0.280	ng/ul	99
20) Pyrene	19.751	202	15775m	0.232	ng/ul	
21) Benzo(a)anthracene	21.497	228	8630	0.171	ng/ul#	91
22) Chrysene	21.550	228	11836	0.205	ng/ul#	94
24) Benzo(b)fluoranthene	23.192	252	20221	0.280	ng/ul#	56
25) Benzo(k)fluoranthene	23.236	252	8476m	0.119	ng/ul	
26) Benzo(a)pyrene	23.818	252	11917	0.183	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.434	276	13357	0.147	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.447	278	4425	0.062	ng/ul#	40
29) Benzo(g,h,i)perylene	27.208	276	13903	0.175	ng/ul#	90

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

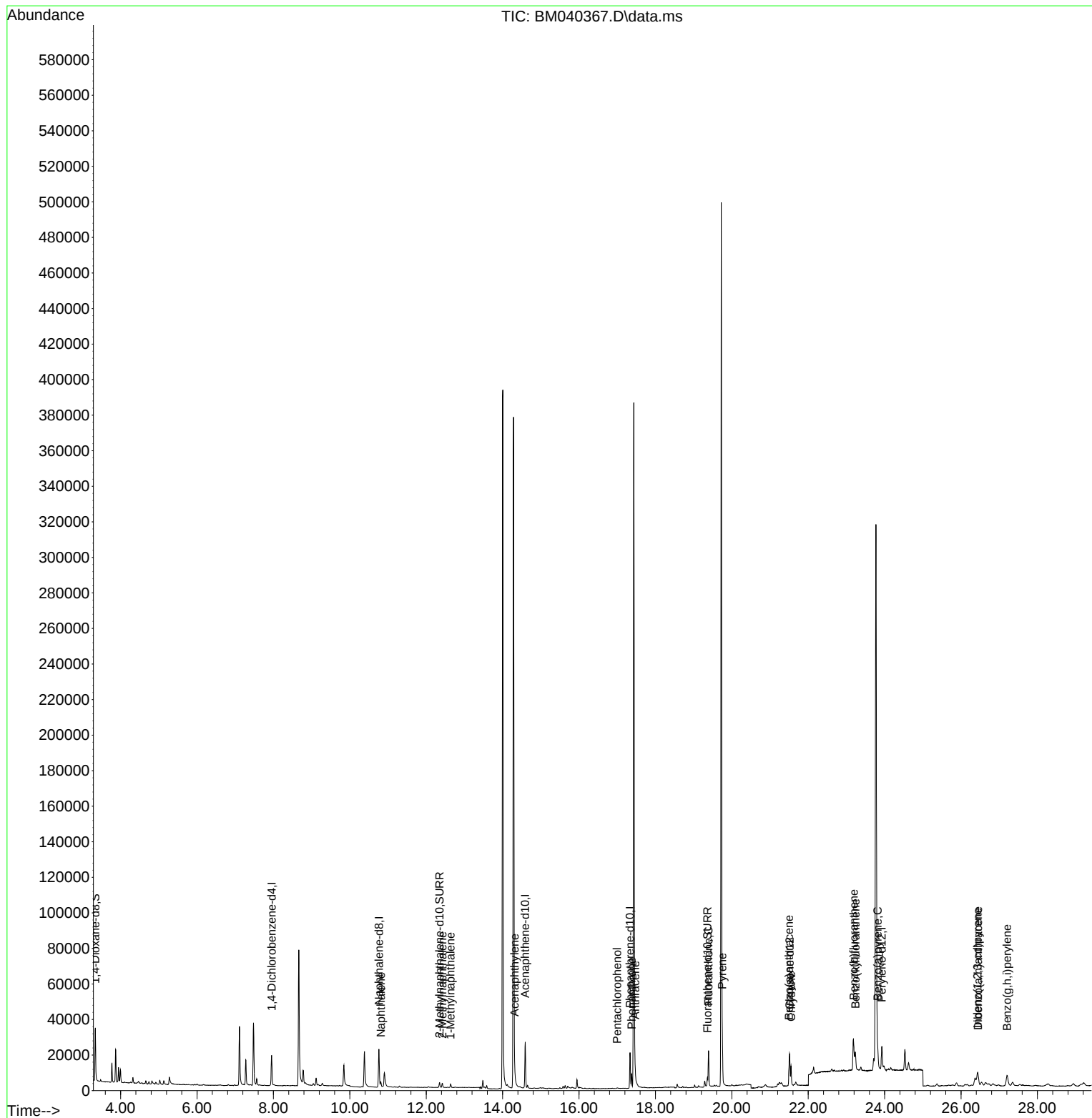
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040367.D
Acq On : 23 Jun 2023 02:27
Operator : MA/JU
Sample : 03084-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

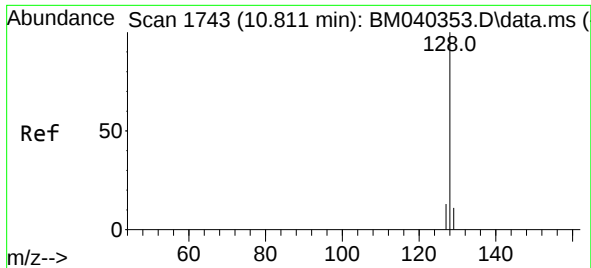
Instrument :
BNA_M
ClientSampleId :
DCFM3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

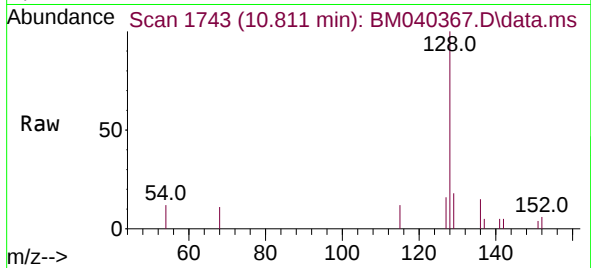
Quant Time: Jun 23 03:19:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

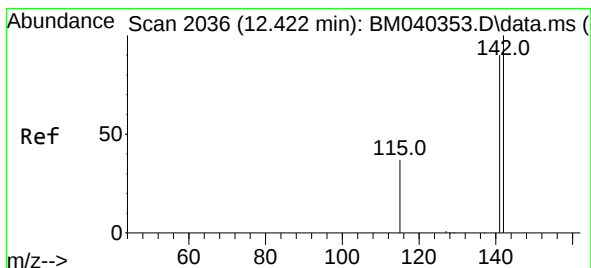
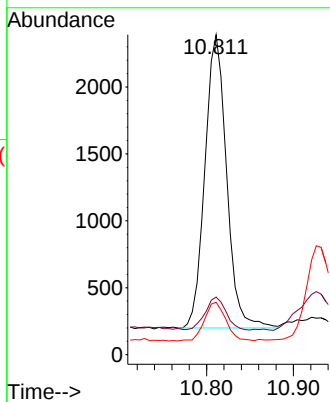
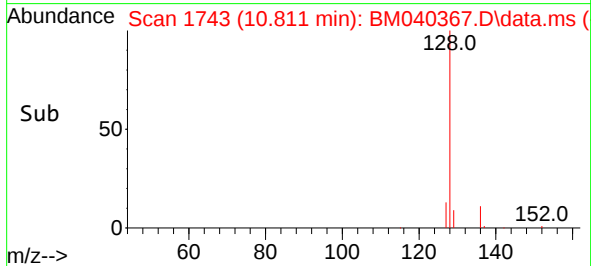
Instrument :
BNA_M
ClientSampleId :
DCFM3



Tgt Ion:128 Resp: 3790
Ion Ratio Lower Upper
128 100
129 18.0 9.2 13.8
127 16.4 10.6 15.8

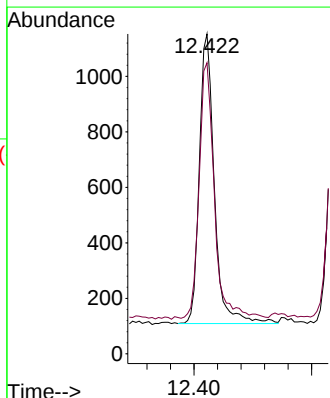
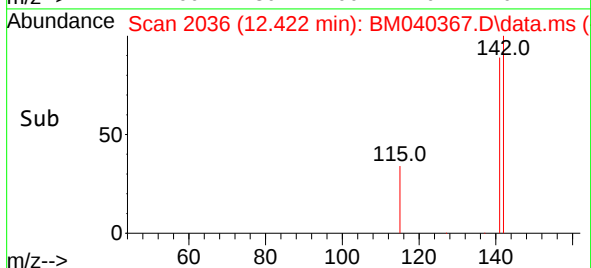
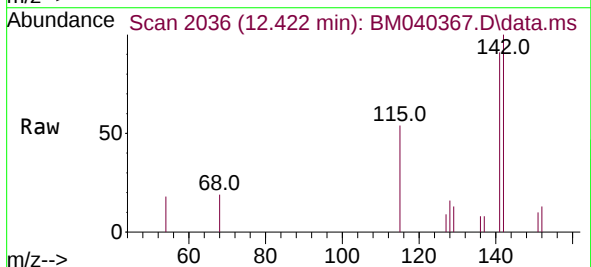
Manual Integrations
APPROVED

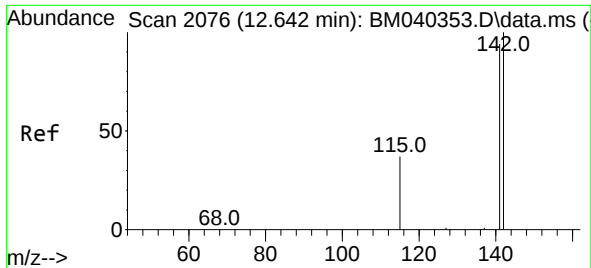
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

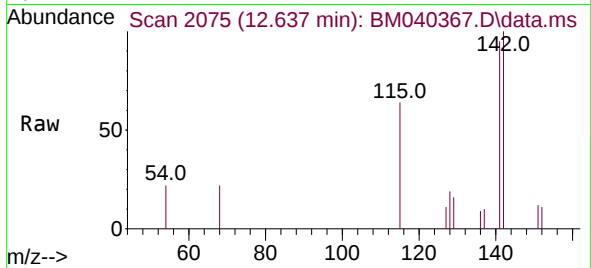
Tgt Ion:142 Resp: 1851
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.030 ng/u1
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

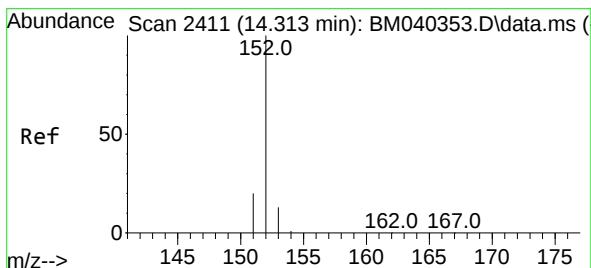
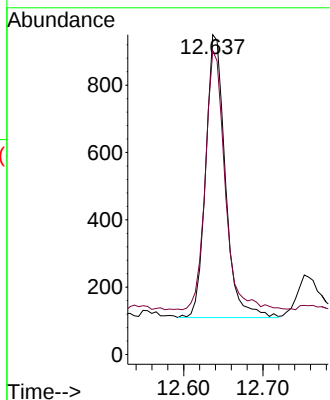
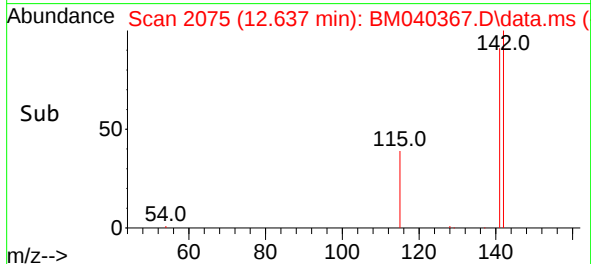
Instrument :
BNA_M
ClientSampleId :
DCFM3



Tgt Ion:142 Resp: 1438
Ion Ratio Lower Upper
142 100
141 91.1 73.7 110.5

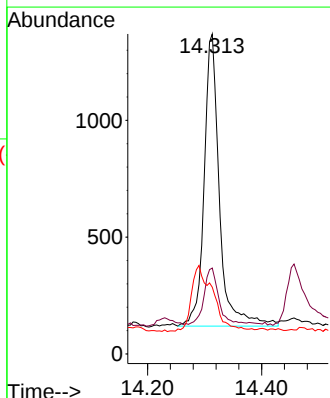
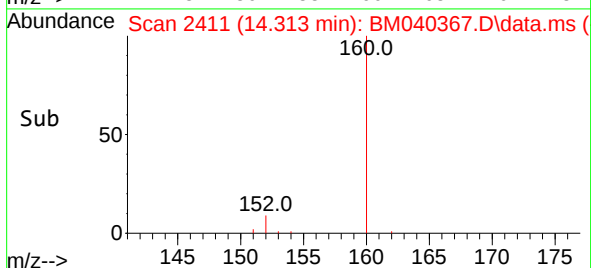
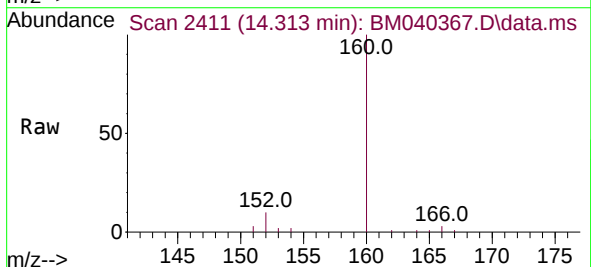
Manual Integrations
APPROVED

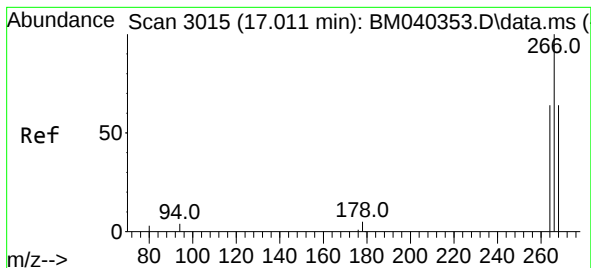
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.036 ng/u1
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

Tgt Ion:152 Resp: 2332
Ion Ratio Lower Upper
152 100
151 26.9 16.2 24.2#
153 20.9 10.9 16.3#





#14

Pentachlorophenol

Concen: 0.108 ng/ul

RT: 16.994 min Scan# 3011

Delta R.T. -0.017 min

Lab File: BM040367.D

Acq: 23 Jun 2023 02:27

Instrument :

BNA_M

ClientSampleId :

DCFM3

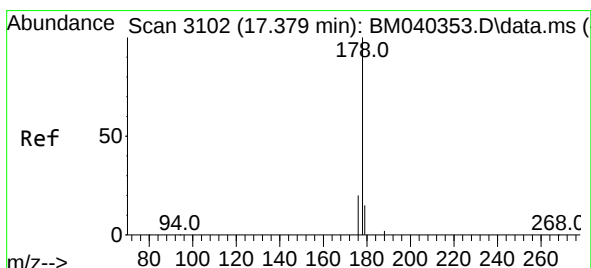
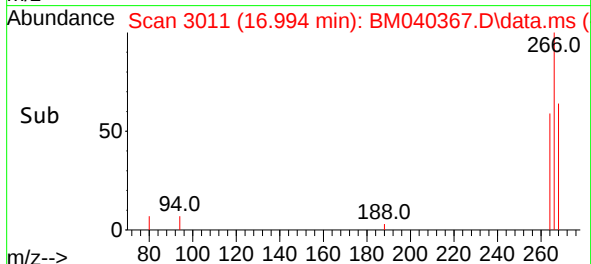
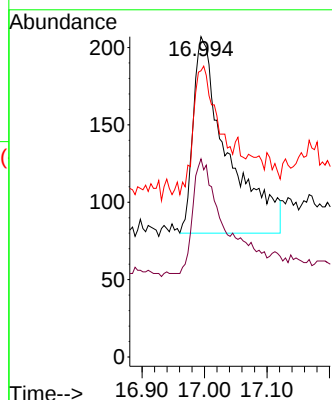
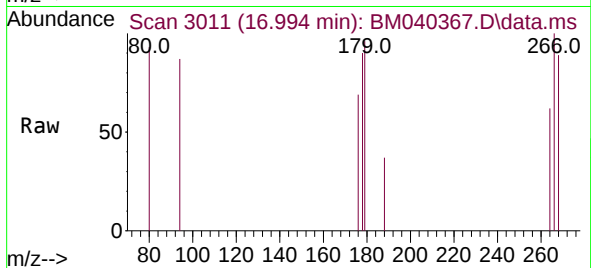
Tgt Ion:	266	Resp:	484
Ion Ratio	Lower	Upper	
266	100		
264	55.8	45.4	68.0
268	64.0	47.2	70.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#15

Phenanthrene

Concen: 0.117 ng/ul

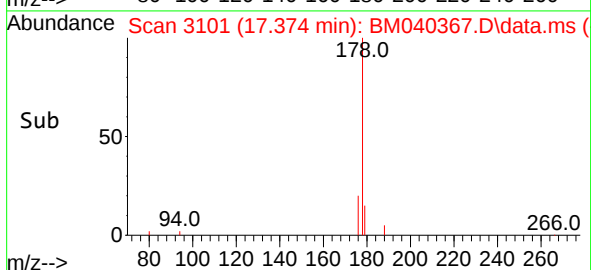
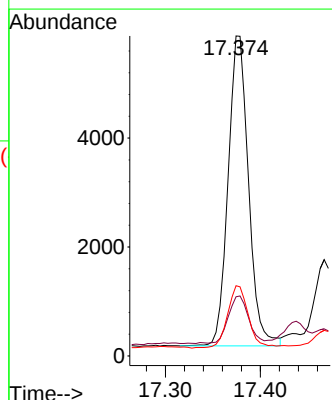
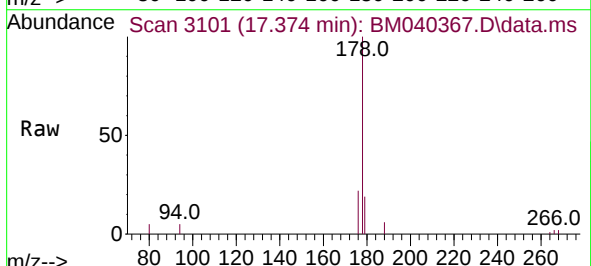
RT: 17.374 min Scan# 3101

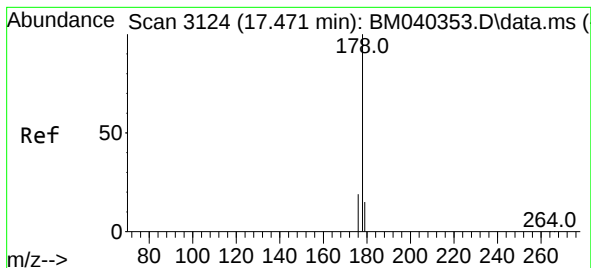
Delta R.T. -0.004 min

Lab File: BM040367.D

Acq: 23 Jun 2023 02:27

Tgt Ion:	178	Resp:	8522
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.8	19.2
176	22.0	16.4	24.6





#16

Anthracene

Concen: 0.035 ng/u1

RT: 17.467 min Scan# 3124

Delta R.T. -0.004 min

Lab File: BM040367.D

Acq: 23 Jun 2023 02:27

Instrument :

BNA_M

ClientSampleId :

DCFM3

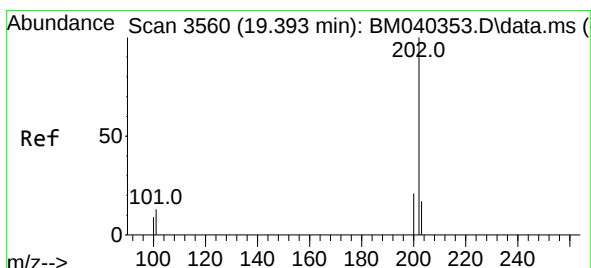
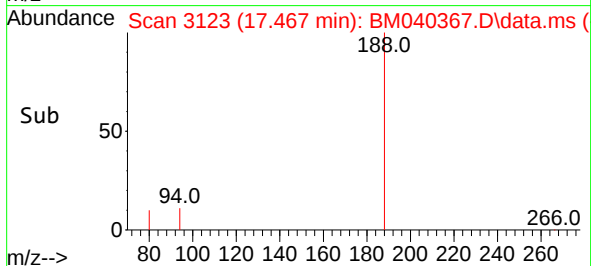
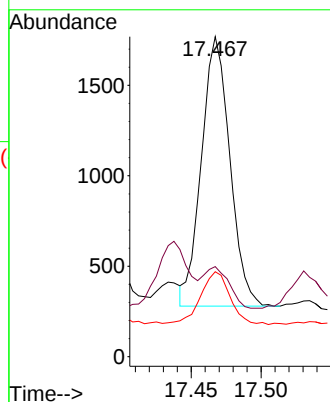
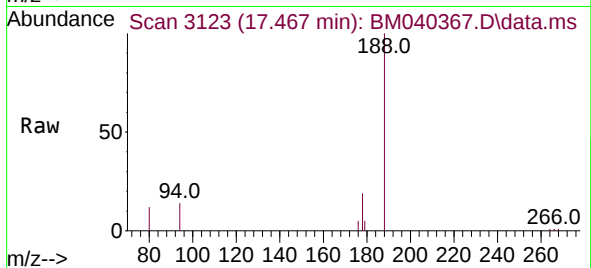
Tgt Ion:	178	Resp:	210
Ion Ratio	Lower	Upper	
178	100		
179	28.2	12.9	19.3
176	26.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#19

Fluoranthene

Concen: 0.280 ng/u1

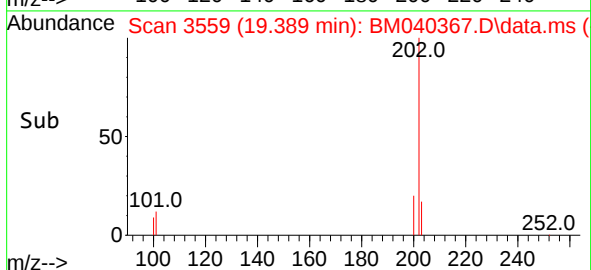
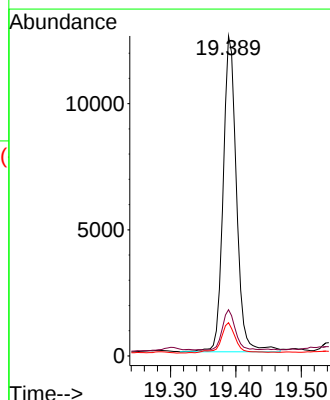
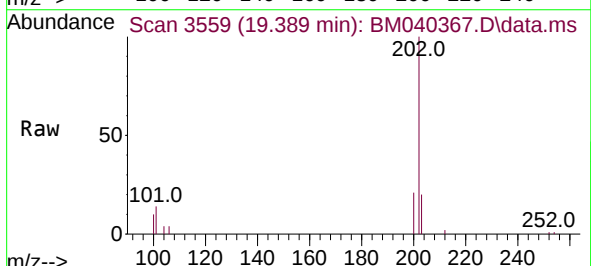
RT: 19.389 min Scan# 3559

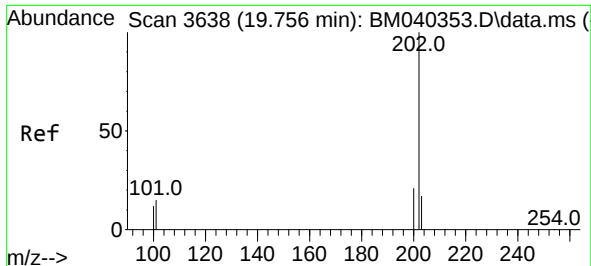
Delta R.T. -0.000 min

Lab File: BM040367.D

Acq: 23 Jun 2023 02:27

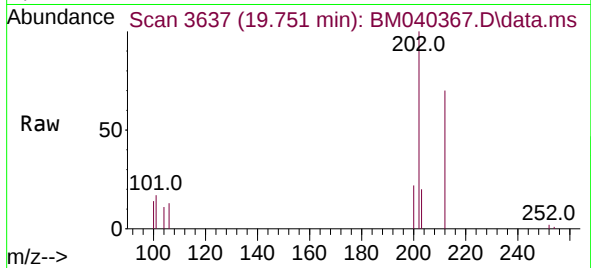
Tgt Ion:	202	Resp:	17772
Ion Ratio	Lower	Upper	
202	100		
101	14.5	11.4	17.0
100	10.4	8.7	13.1





#20
Pyrene
Concen: 0.232 ng/ul m
RT: 19.751 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

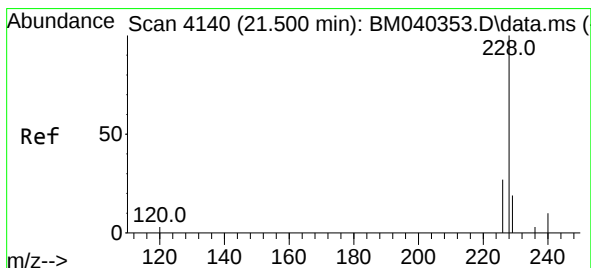
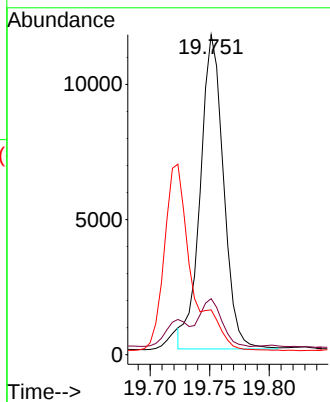
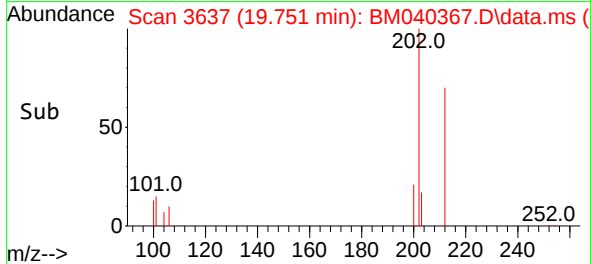
Instrument :
BNA_M
ClientSampleId :
DCFM3



Tgt Ion:202 Resp: 1577
Ion Ratio Lower Upper
202 100
101 17.5 12.6 18.8
100 14.0 9.8 14.6

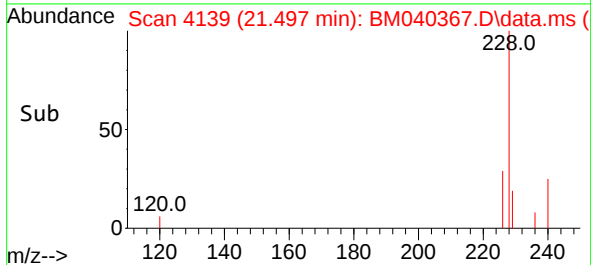
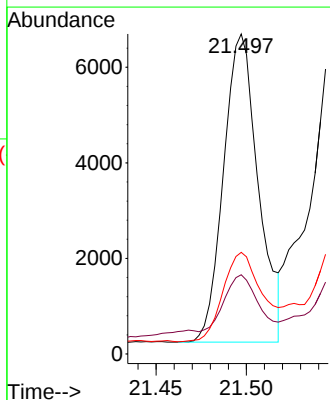
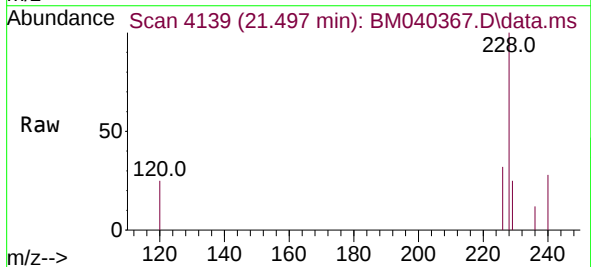
Manual Integrations
APPROVED

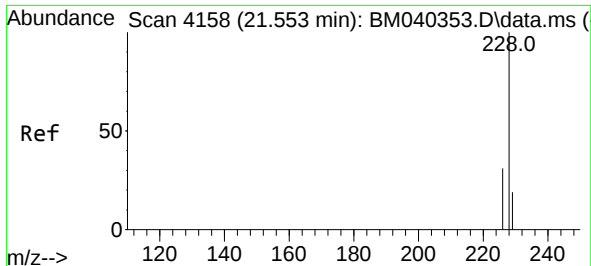
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#21
Benzo(a)anthracene
Concen: 0.171 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

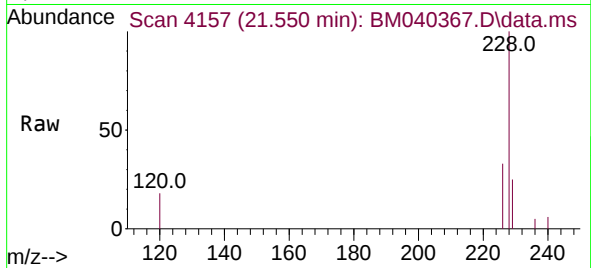
Tgt Ion:228 Resp: 8630
Ion Ratio Lower Upper
228 100
229 24.7 16.0 24.0#
226 31.7 22.3 33.5





#22
Chrysene
Concen: 0.205 ng/ul
RT: 21.550 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

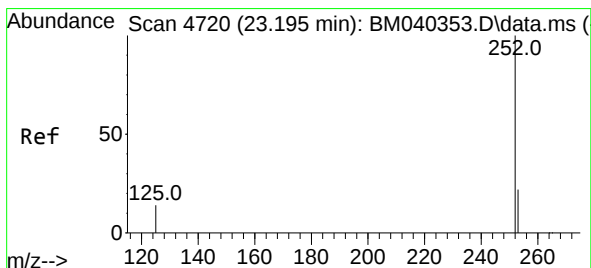
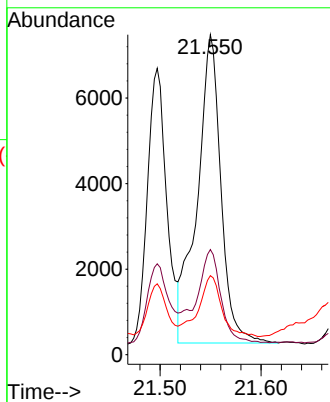
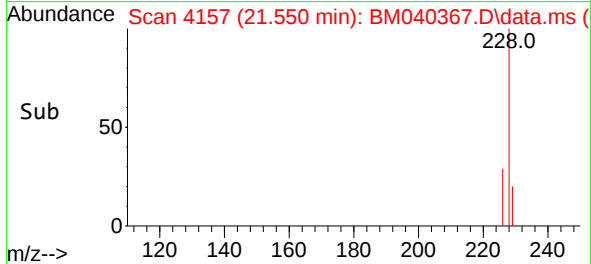
Instrument :
BNA_M
ClientSampleId :
DCFM3



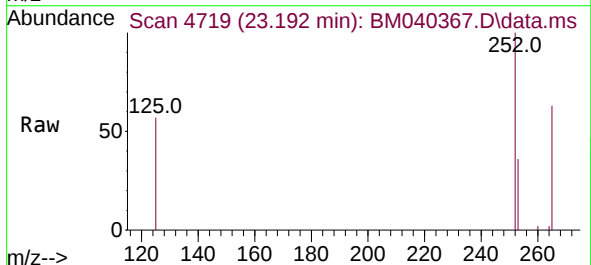
Tgt Ion:228 Resp: 11830
Ion Ratio Lower Upper
228 100
226 32.9 24.9 37.3
229 24.7 15.8 23.6

Manual Integrations
APPROVED

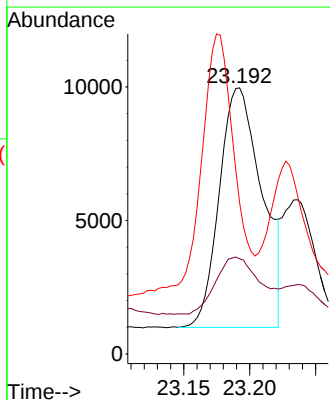
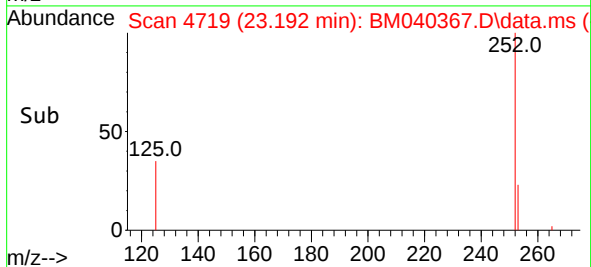
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

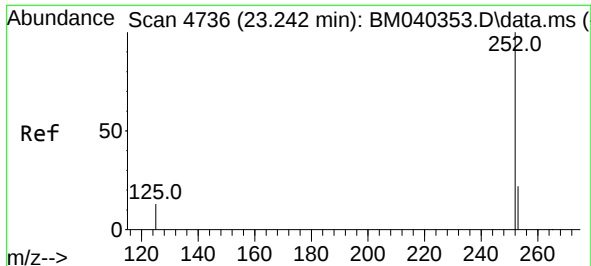


#24
Benzo(b)fluoranthene
Concen: 0.280 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27



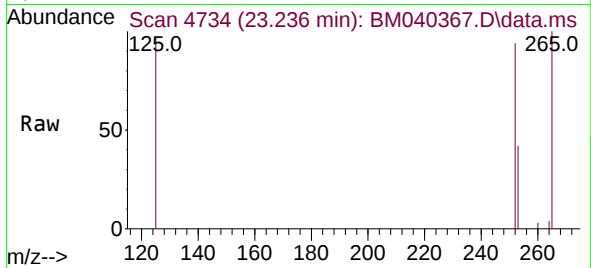
Tgt Ion:252 Resp: 20221
Ion Ratio Lower Upper
252 100
253 35.8 0.0 52.8
125 56.8 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.236 min Scan# 4736
Delta R.T. -0.006 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

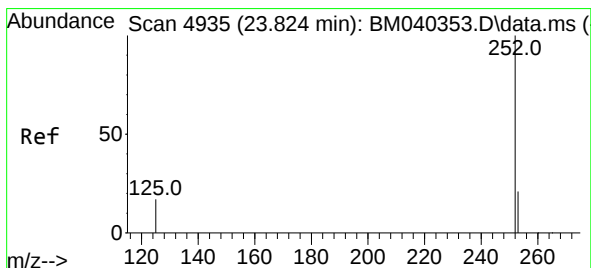
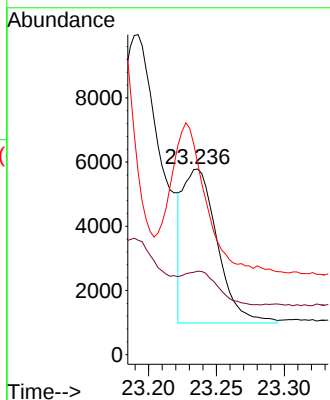
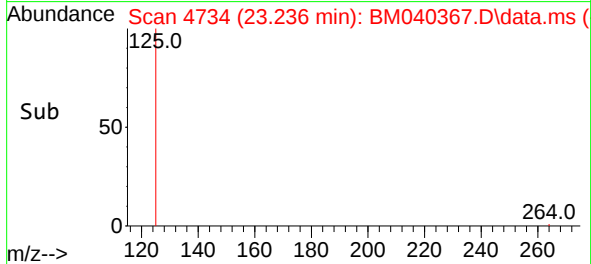
Instrument :
BNA_M
ClientSampleId :
DCFM3



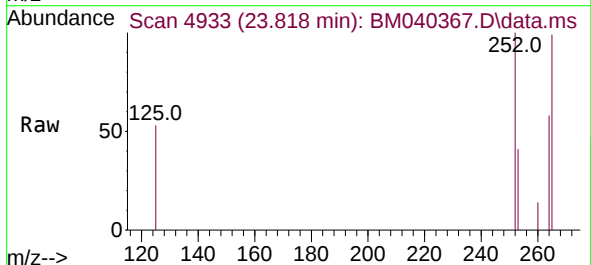
Tgt Ion:252 Resp: 8470
Ion Ratio Lower Upper
252 100
253 45.0 21.2 31.8#
125 103.3 16.4 24.6#

Manual Integrations
APPROVED

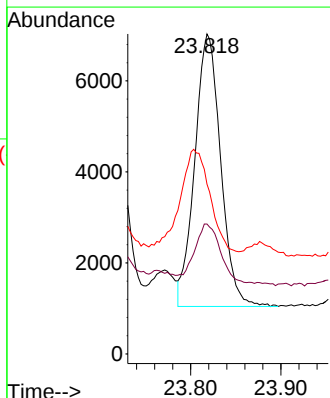
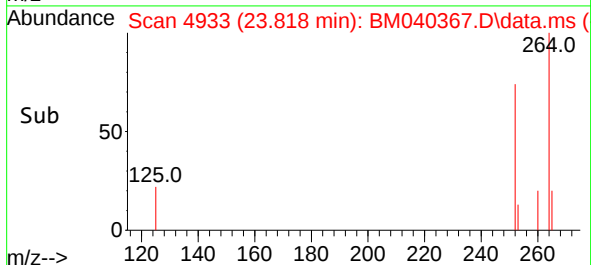
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

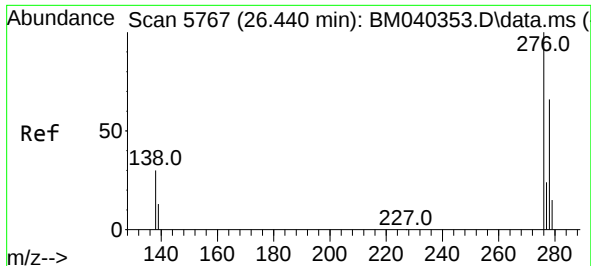


#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27



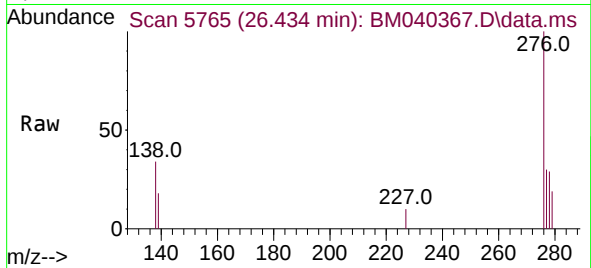
Tgt Ion:252 Resp: 11917
Ion Ratio Lower Upper
252 100
253 40.6 22.9 34.3#
125 53.1 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.147 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.000 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

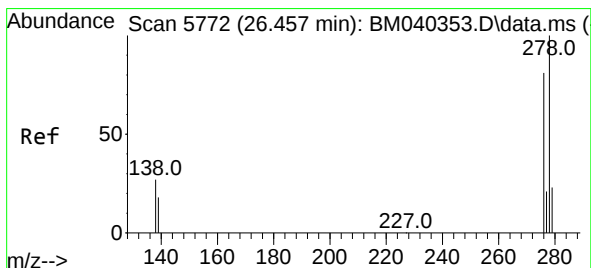
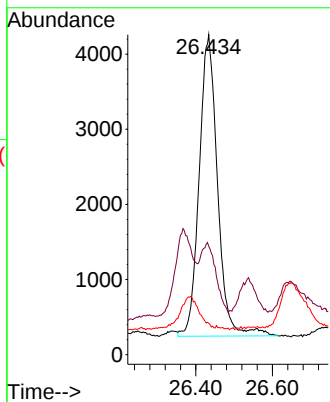
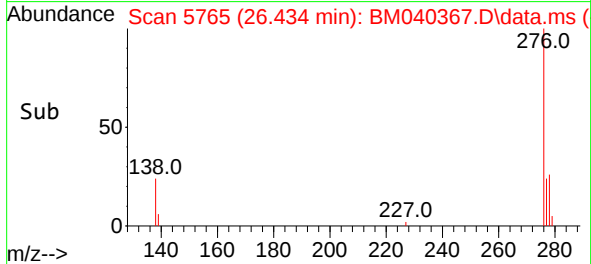
Instrument :
BNA_M
ClientSampleId :
DCFM3



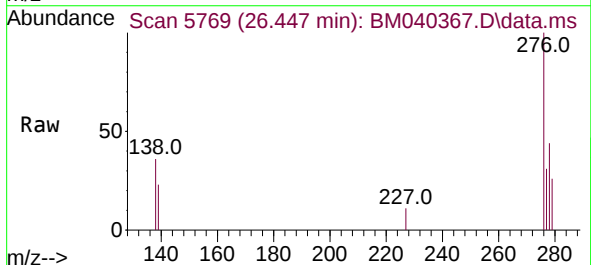
Tgt Ion:276 Resp: 1335
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.0 0.1 0.1#

Manual Integrations
APPROVED

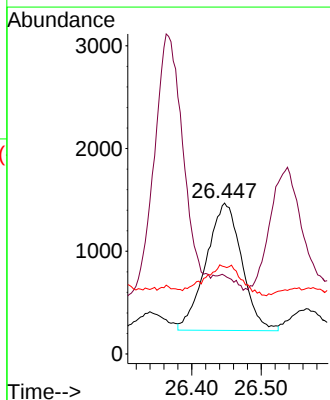
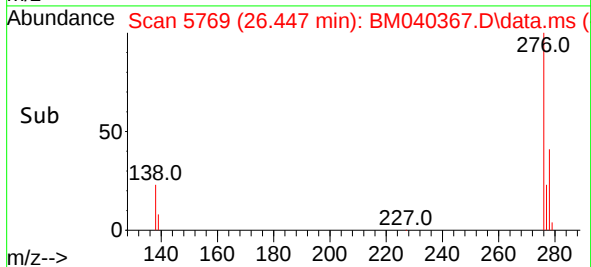
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

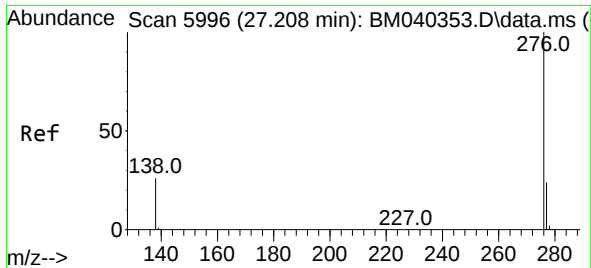


#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.447 min Scan# 5769
Delta R.T. -0.007 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27



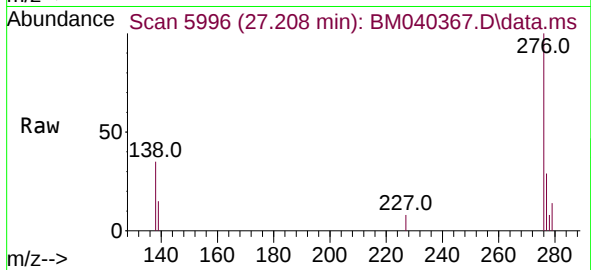
Tgt Ion:278 Resp: 4425
Ion Ratio Lower Upper
278 100
139 52.0 17.9 26.9#
279 57.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 27.208 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040367.D
Acq: 23 Jun 2023 02:27

Instrument :
BNA_M
ClientSampleId :
DCFM3



Tgt Ion:276 Resp: 1390
Ion Ratio Lower Upper
276 100
138 34.9 23.0 34.6
277 29.1 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

