

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041093.D
 Acq On : 25 Jul 2023 02:17
 Operator : MA/JU
 Sample : 03534-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4718

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 03:05:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 00:13:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3391	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.636	136	11022	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.490	164	5788	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	11434	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9527	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	7838	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	4061	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	891	0.057	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	1753	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	1486	0.041	ng/ul#	77
10) Acenaphthylene	14.213	152	516	0.021	ng/ul#	54
11) Acenaphthene	14.578	153	592m	0.029	ng/ul	
15) Phenanthrene	17.291	178	4591	0.130	ng/ul	95
19) Fluoranthene	19.315	202	12270	0.359	ng/ul	99
20) Pyrene	19.678	202	14985	0.398	ng/ul	100
21) Benzo(a)anthracene	21.434	228	3462	0.109	ng/ul	95
22) Chrysene	21.486	228	6634	0.180	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	9060	0.290	ng/ul	83
25) Benzo(k)fluoranthene	23.155	252	3910m	0.131	ng/ul	
26) Benzo(a)pyrene	23.728	252	773	0.031	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.297	276	7900	0.211	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.307	278	1231	0.042	ng/ul#	7
29) Benzo(g,h,i)perylene	27.055	276	1582	0.047	ng/ul#	65

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

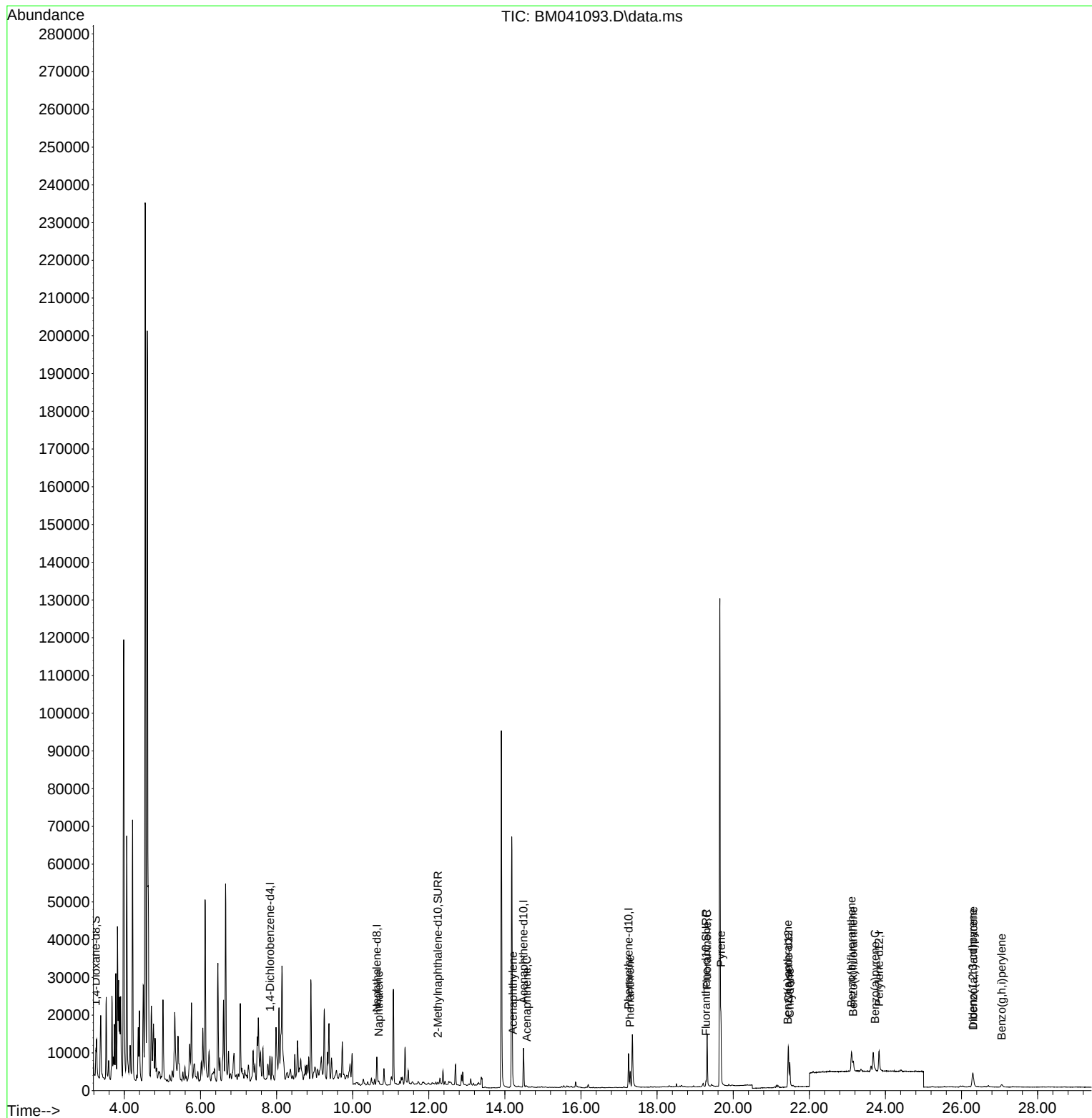
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041093.D
Acq On : 25 Jul 2023 02:17
Operator : MA/JU
Sample : 03534-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

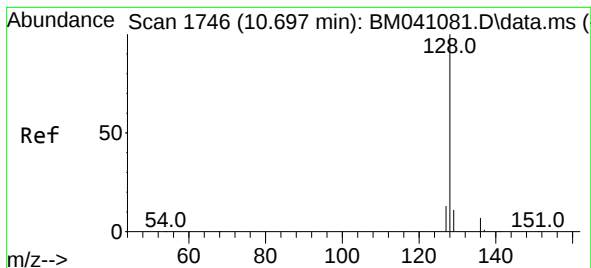
Instrument :
BNA_M
ClientSampleId :
A4718

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

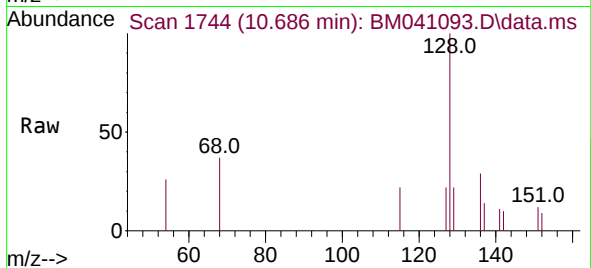
Quant Time: Jul 25 03:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.686 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

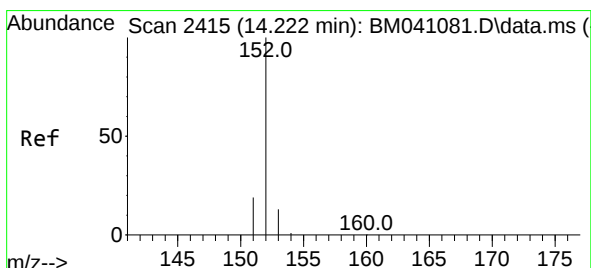
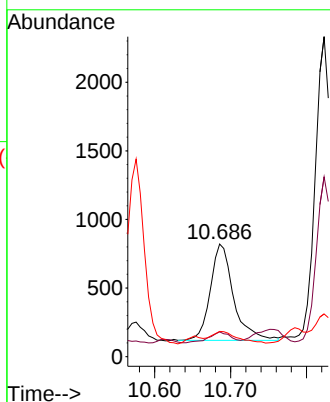
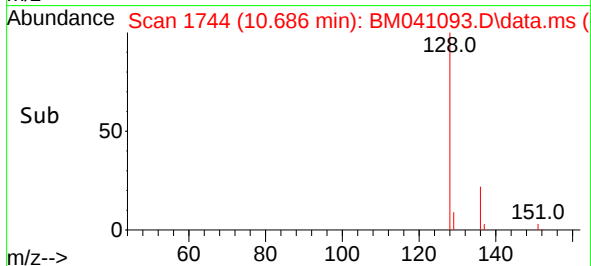
Instrument :
BNA_M
ClientSampleId :
A4718



Tgt Ion:128 Resp: 1486
Ion Ratio Lower Upper
128 100
129 22.0 9.8 14.8#
127 22.4 11.1 16.7#

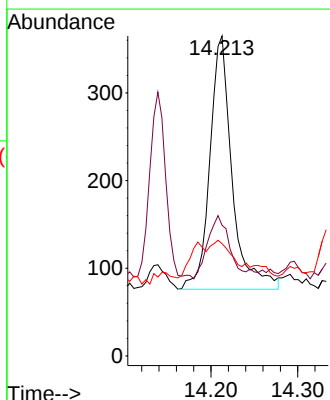
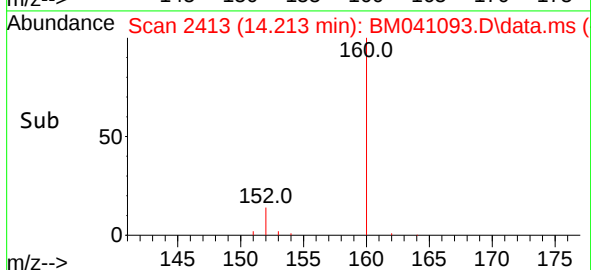
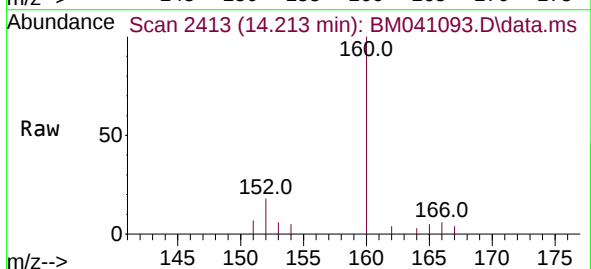
Manual Integrations
APPROVED

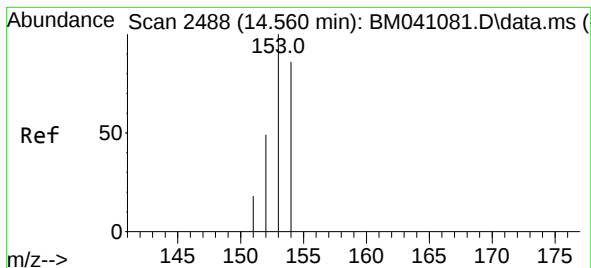
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

Tgt Ion:152 Resp: 516
Ion Ratio Lower Upper
152 100
151 40.8 16.8 25.2#
153 35.1 11.4 17.2#





#11

Acenaphthene

Concen: 0.029 ng/ul m

RT: 14.578 min Scan# 2488

Delta R.T. 0.019 min

Lab File: BM041093.D

Acq: 25 Jul 2023 02:17

Instrument :

BNA_M

ClientSampleId :

A4718

Tgt Ion:153 Resp: 592

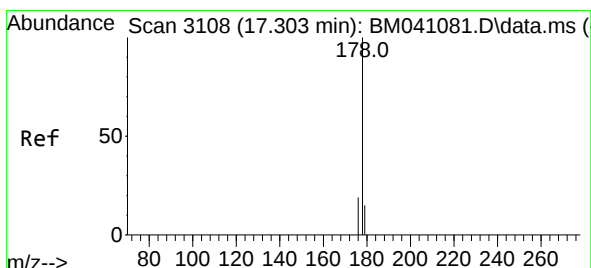
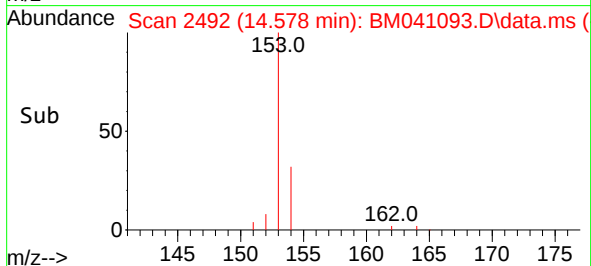
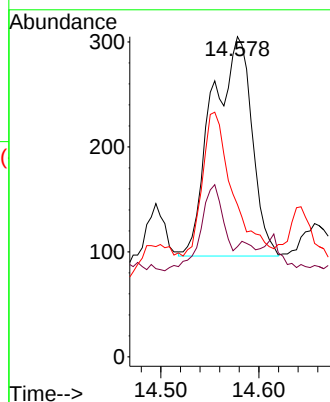
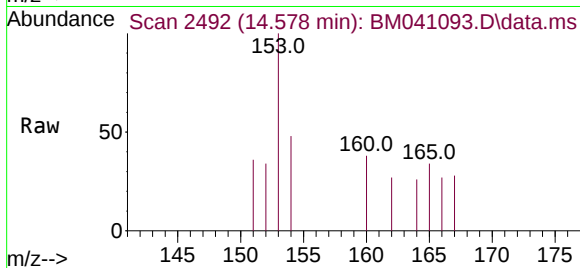
Ion	Ratio	Lower	Upper
153	100		
152	34.4	40.2	60.4
154	47.5	70.3	105.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#15

Phenanthrene

Concen: 0.130 ng/ul

RT: 17.291 min Scan# 3105

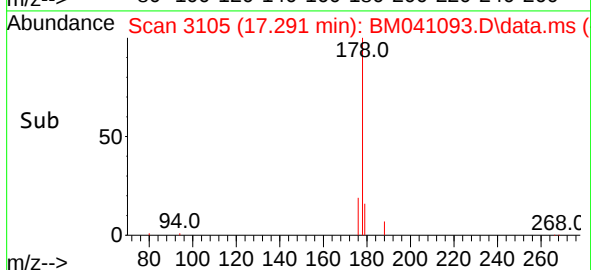
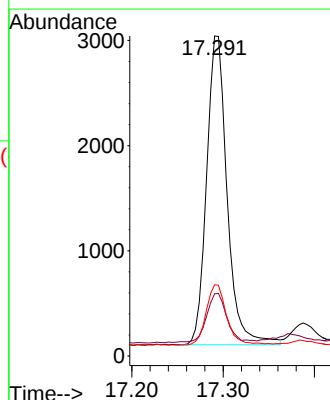
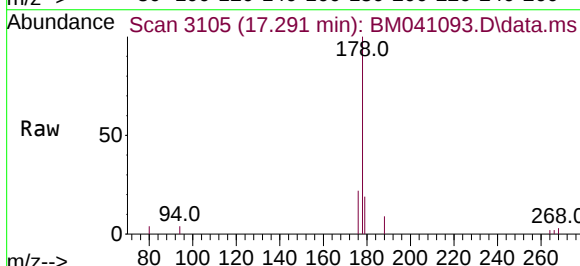
Delta R.T. -0.008 min

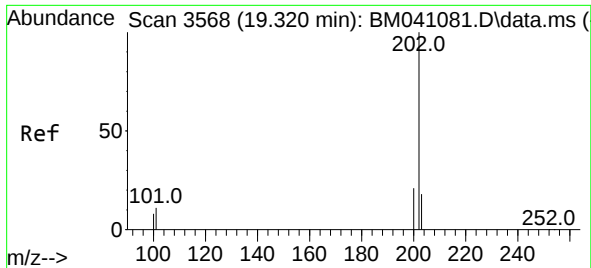
Lab File: BM041093.D

Acq: 25 Jul 2023 02:17

Tgt Ion:178 Resp: 4591

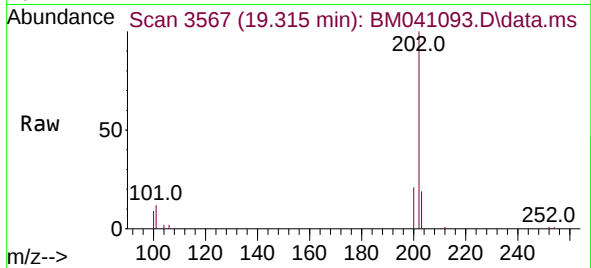
Ion	Ratio	Lower	Upper
178	100		
179	19.4	13.4	20.2
176	22.2	16.0	24.0





#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

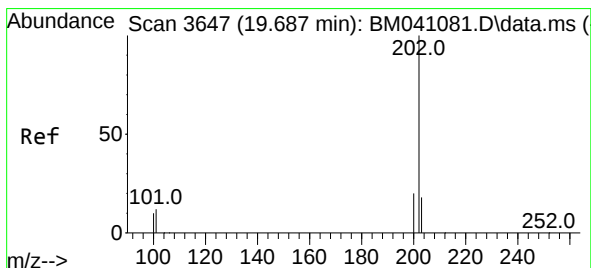
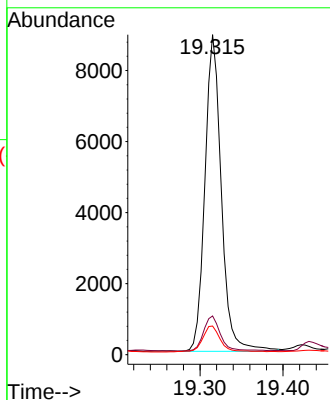
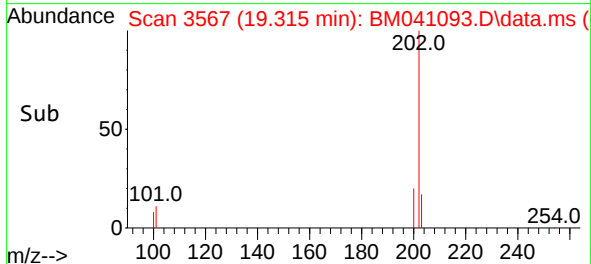
Instrument :
BNA_M
ClientSampleId :
A4718



Tgt Ion:202 Resp: 12270
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.0
100 9.0 7.1 10.7

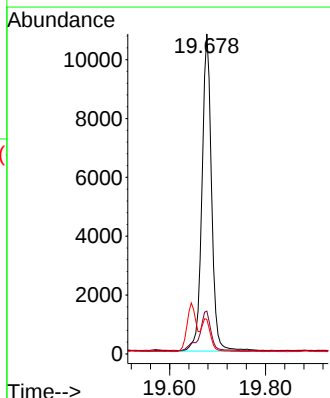
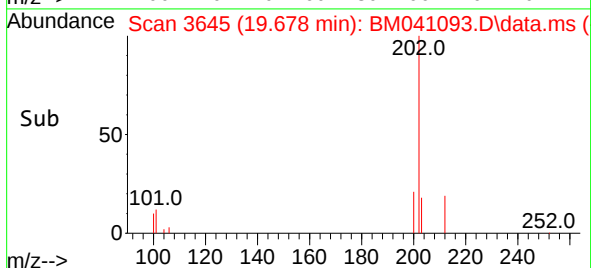
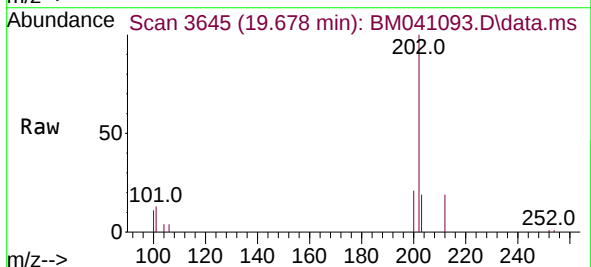
Manual Integrations
APPROVED

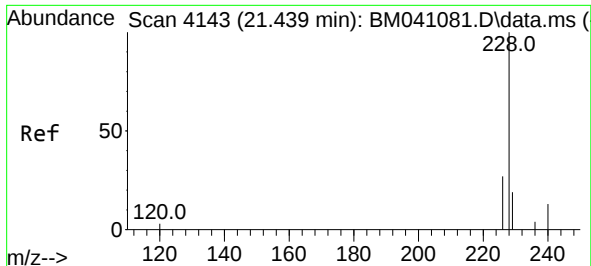
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

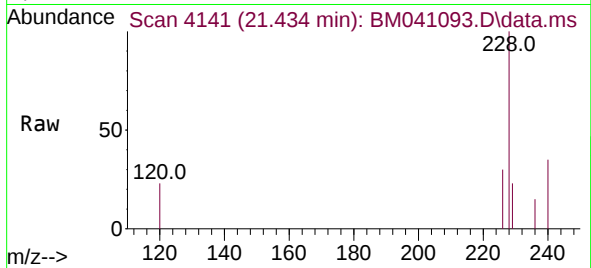
Tgt Ion:202 Resp: 14985
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.8 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.109 ng/ul
RT: 21.434 min Scan# 4143
Delta R.T. -0.009 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

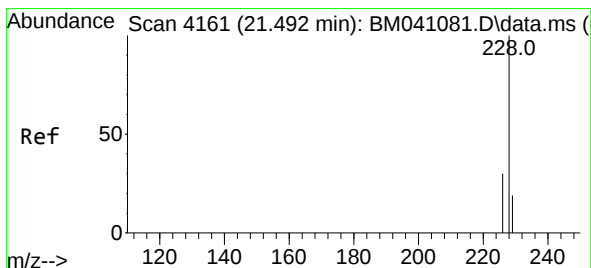
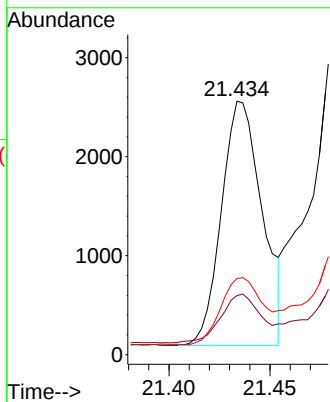
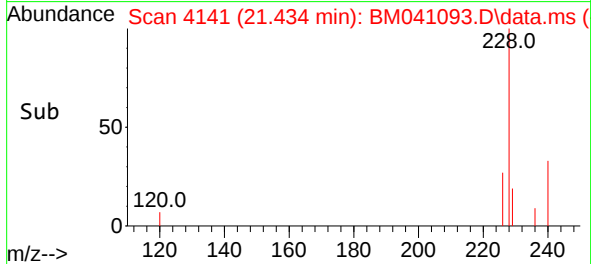
Instrument :
BNA_M
ClientSampleId :
A4718



Tgt Ion:228 Resp: 3462
Ion Ratio Lower Upper
228 100
229 23.3 16.5 24.7
226 30.1 22.2 33.2

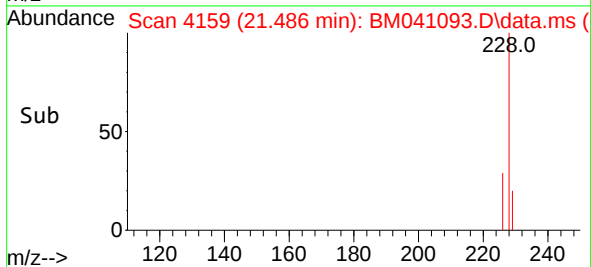
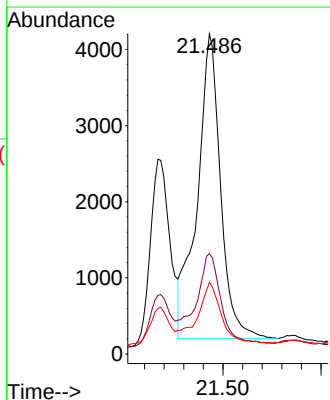
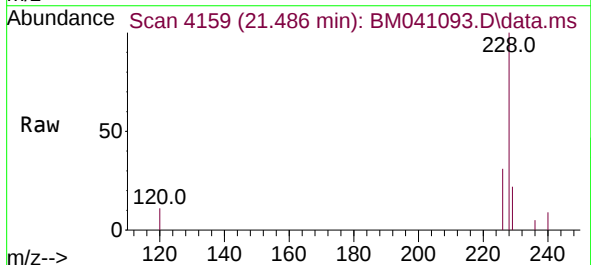
Manual Integrations
APPROVED

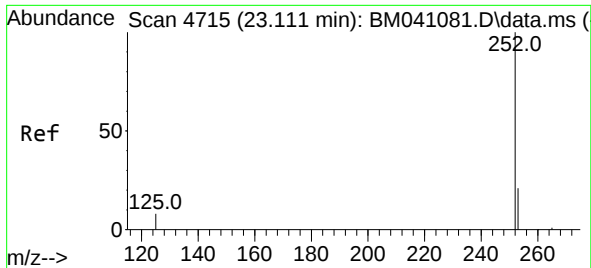
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#22
Chrysene
Concen: 0.180 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.009 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

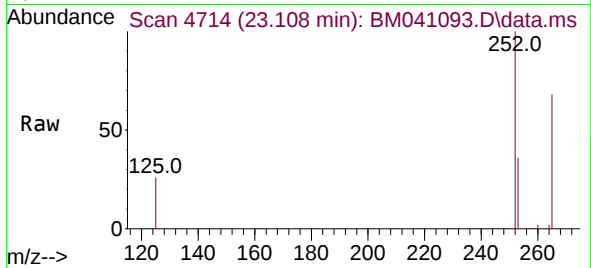
Tgt Ion:228 Resp: 6634
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.4
229 22.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. -0.009 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

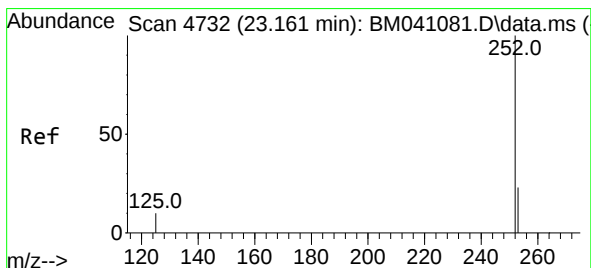
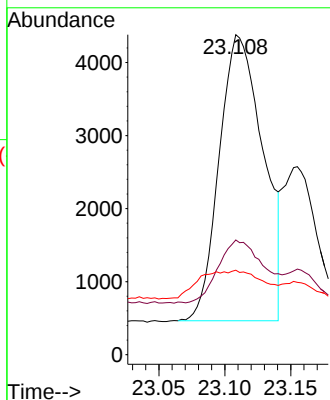
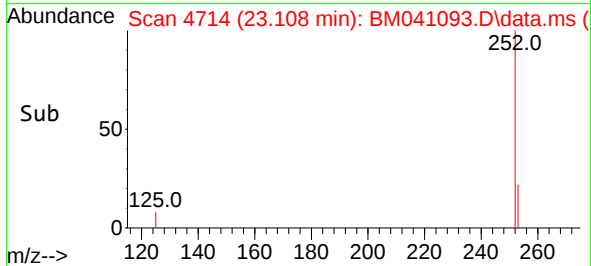
Instrument :
BNA_M
ClientSampleId :
A4718



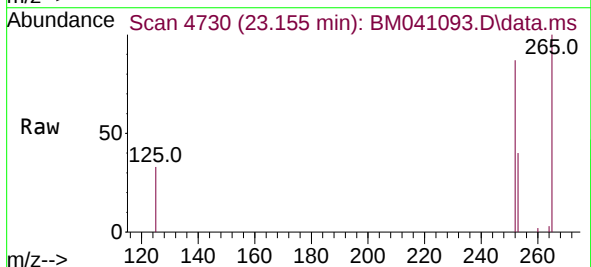
Tgt Ion:252 Resp: 9060
Ion Ratio Lower Upper
252 100
253 35.9 0.0 57.6
125 26.4 0.0 33.6

Manual Integrations
APPROVED

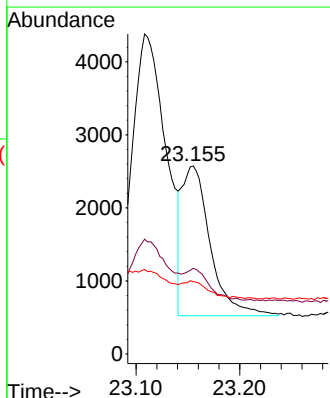
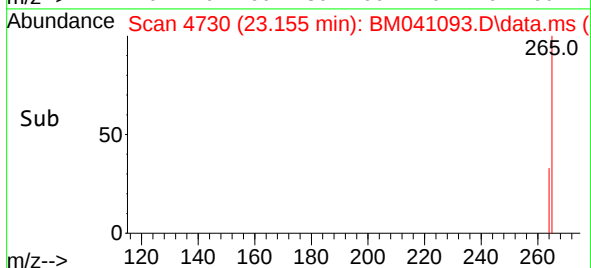
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

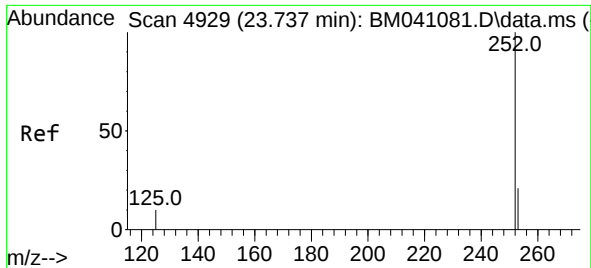


#25
Benzo(k)fluoranthene
Concen: 0.131 ng/ul m
RT: 23.155 min Scan# 4730
Delta R.T. -0.009 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17



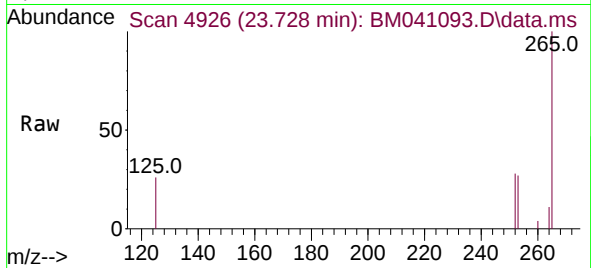
Tgt Ion:252 Resp: 3910
Ion Ratio Lower Upper
252 100
253 45.5 22.8 34.2#
125 38.5 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. -0.012 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

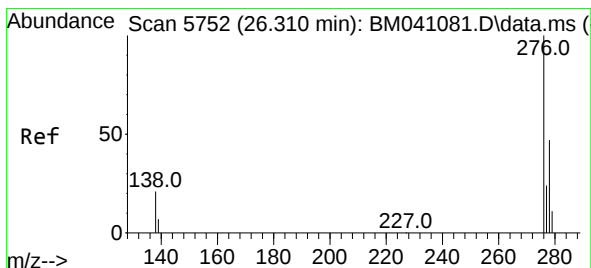
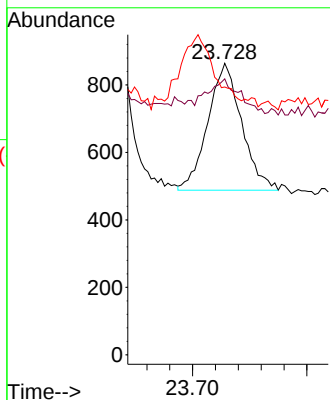
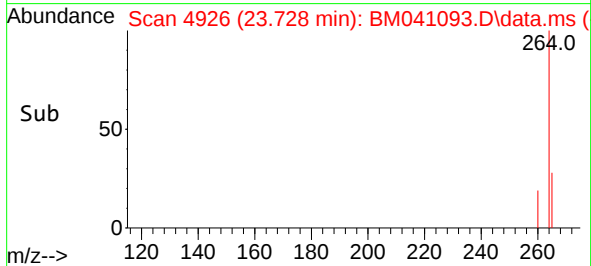
Instrument :
BNA_M
ClientSampleId :
A4718



Tgt Ion:252 Resp: 770
Ion Ratio Lower Upper
252 100
253 94.7 26.7 40.1
125 91.9 18.1 27.1

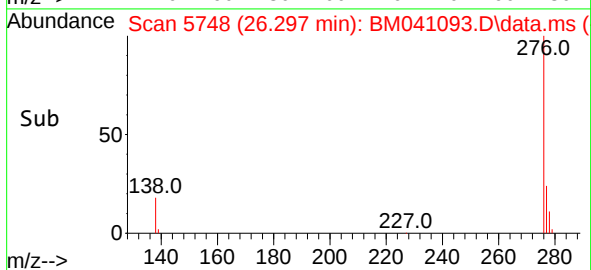
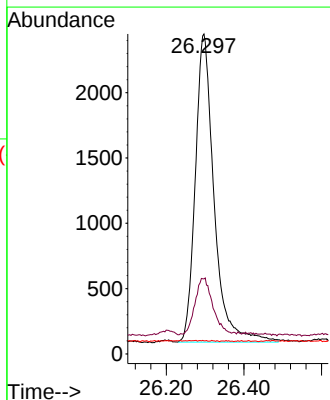
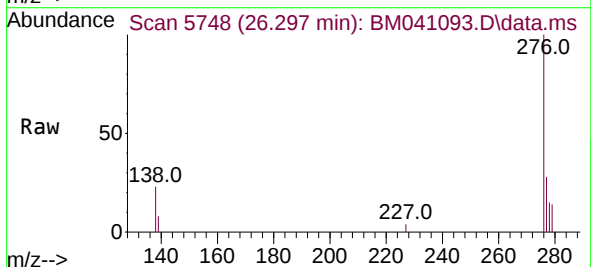
Manual Integrations
APPROVED

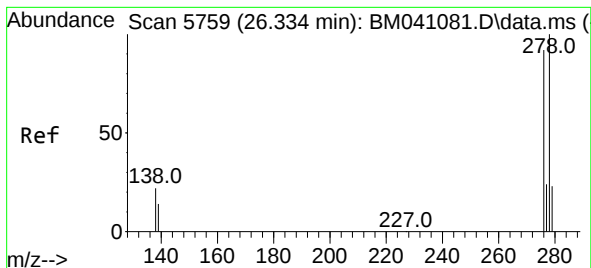
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.211 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.017 min
Lab File: BM041093.D
Acq: 25 Jul 2023 02:17

Tgt Ion:276 Resp: 7900
Ion Ratio Lower Upper
276 100
138 18.4 18.1 27.1
227 0.1 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.042 ng/ul

RT: 26.307 min Scan# 51

Delta R.T. -0.030 min

Lab File: BM041093.D

Acq: 25 Jul 2023 02:17

Instrument :

BNA_M

ClientSampleId :

A4718

Tgt Ion:278 Resp: 123

Ion Ratio Lower Upper

278 100

139 48.9 14.1 21.1

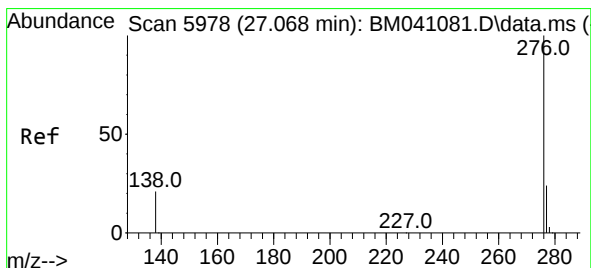
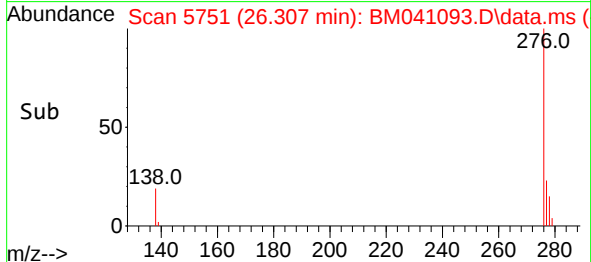
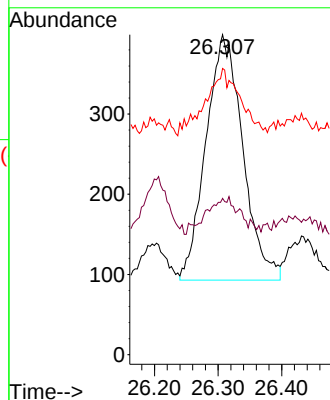
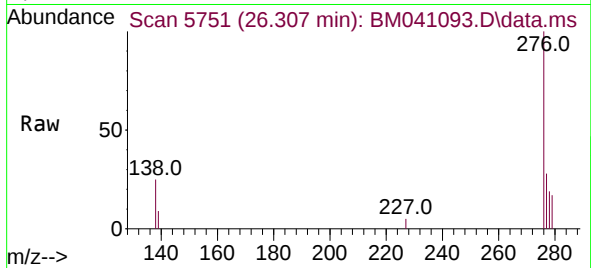
279 89.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#29

Benzo(g,h,i)perylene

Concen: 0.047 ng/ul

RT: 27.055 min Scan# 5974

Delta R.T. -0.013 min

Lab File: BM041093.D

Acq: 25 Jul 2023 02:17

Tgt Ion:276 Resp: 1582

Ion Ratio Lower Upper

276 100

138 42.8 18.2 27.2#

277 40.8 20.6 30.8#

