

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 05:30:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	938m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.605	136	2713	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1663m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.207	188	3428	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2106	0.400	ng/ul	#-0.02
23) Perylene-d12	23.747	264	1724m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1917	1.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	367	0.101	ng/ul	-0.04
18) Fluoranthene-d10	19.242	212	1023	0.133	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	1913	0.259	ng/ul	94
7) 2-Methylnaphthalene	12.282	142	1917	0.441	ng/ul	94
8) 1-Methylnaphthalene	12.497	142	1292	0.266	ng/ul	100
15) Phenanthrene	17.250	178	2881	0.295	ng/ul	99
19) Fluoranthene	19.275	202	636	0.053	ng/ul#	78
20) Pyrene	19.633	202	793	0.062	ng/ul#	66
21) Benzo(a)anthracene	21.386	228	1819	0.266	ng/ul#	87
22) Chrysene	21.438	228	3741m	0.294	ng/ul	
24) Benzo(b)fluoranthene	23.025	252	2331m	0.401	ng/ul	
25) Benzo(k)fluoranthene	23.063	252	482m	0.060	ng/ul	

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

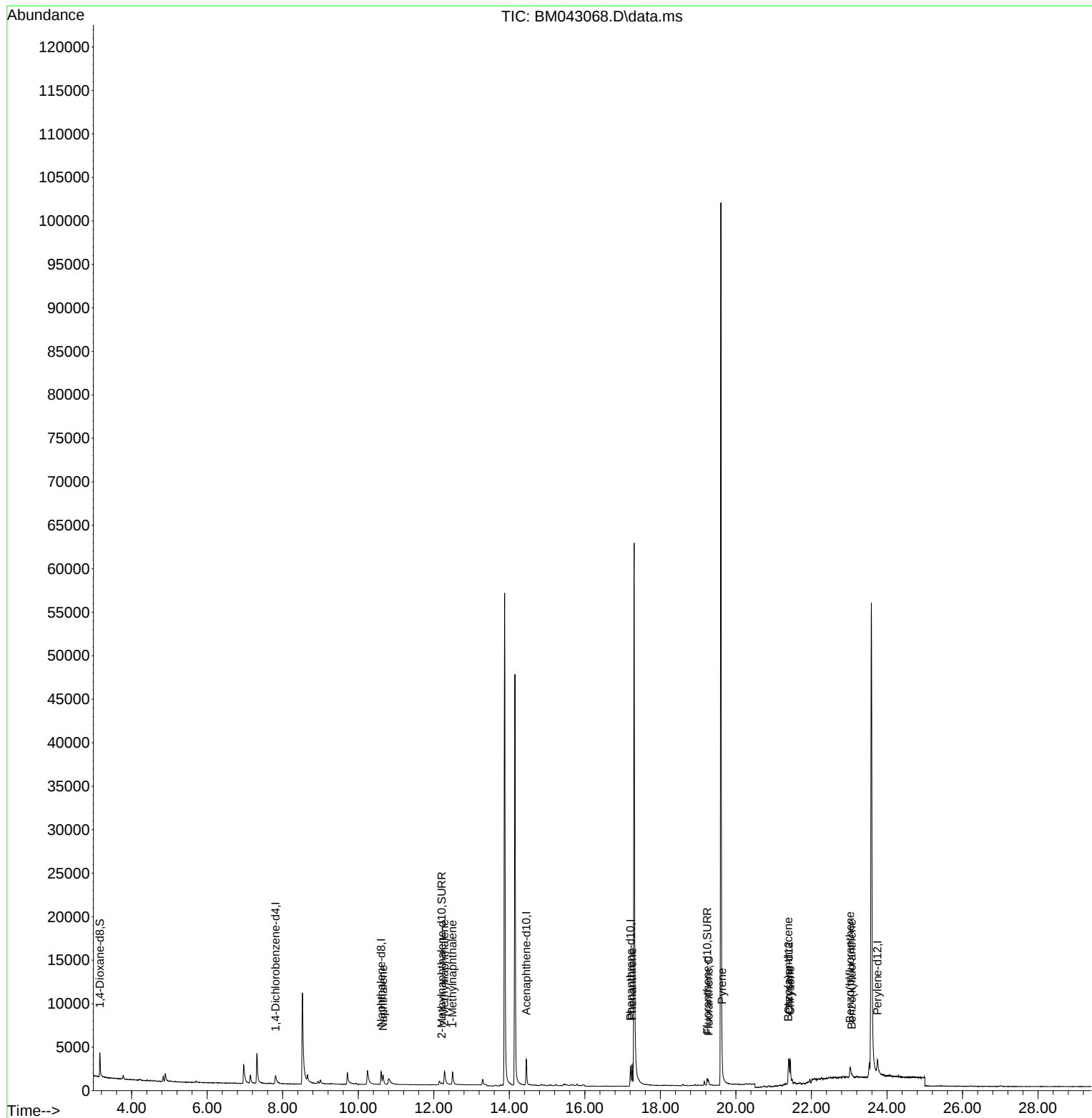
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
Acq On : 28 Nov 2023 02:40
Operator : MA/JU
Sample : 05416-25
Misc :
ALS Vial : 26 Sample Multiplier: 1

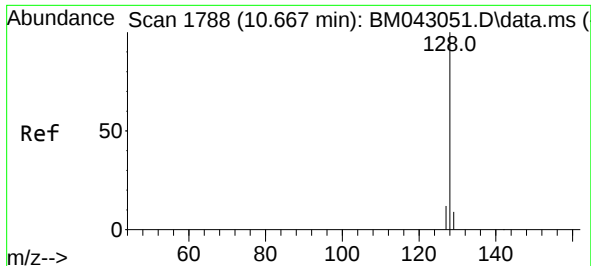
Instrument :
BNA_M
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

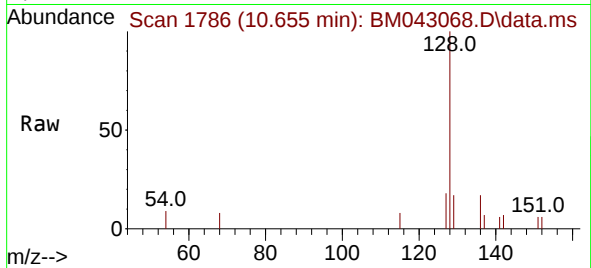
Quant Time: Nov 28 05:30:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.655 min Scan# 1786
Delta R.T. -0.044 min
Lab File: BM043068.D
Acq: 28 Nov 2023 02:40

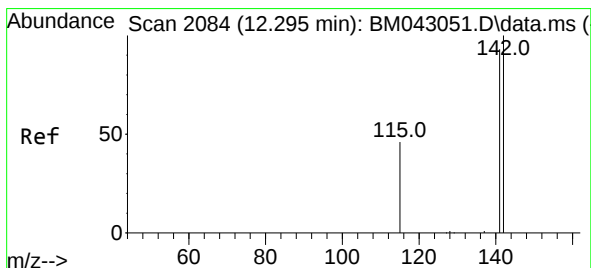
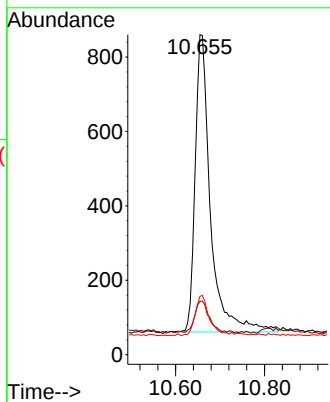
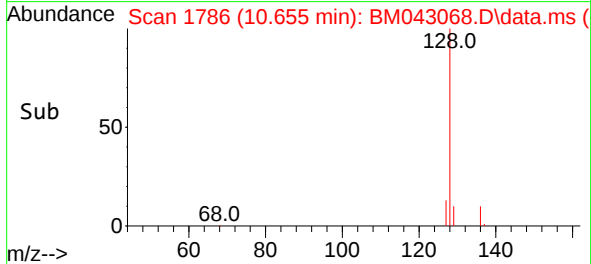
Instrument :
BNA_M
ClientSampleId :
C0AH8



Tgt Ion:128 Resp: 1917
Ion Ratio Lower Upper
128 100
129 16.6 16.0 24.0
127 18.3 16.5 24.7

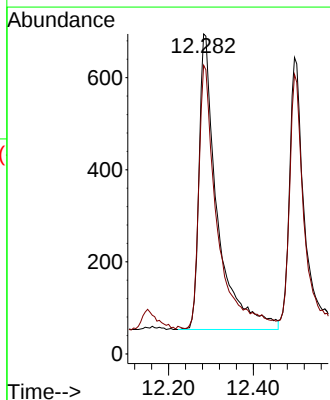
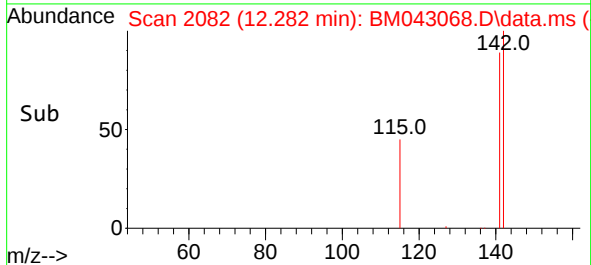
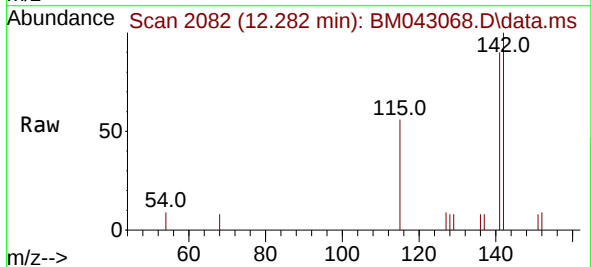
Manual Integrations
APPROVED

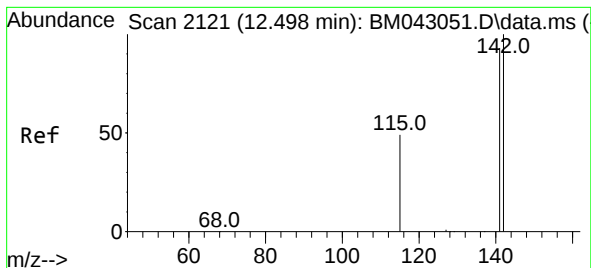
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.282 min Scan# 2082
Delta R.T. -0.049 min
Lab File: BM043068.D
Acq: 28 Nov 2023 02:40

Tgt Ion:142 Resp: 1917
Ion Ratio Lower Upper
142 100
141 89.4 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.266 ng/ul

RT: 12.497 min Scan# 2121

Delta R.T. -0.022 min

Lab File: BM043068.D

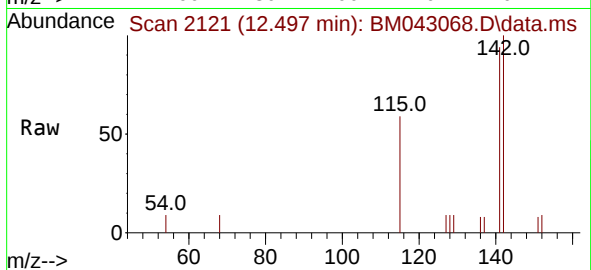
Acq: 28 Nov 2023 02:40

Instrument :

BNA_M

ClientSampleId :

C0AH8



Tgt Ion:142 Resp: 129

Ion Ratio Lower Upper

142 100

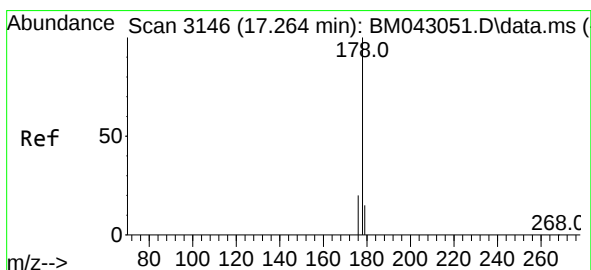
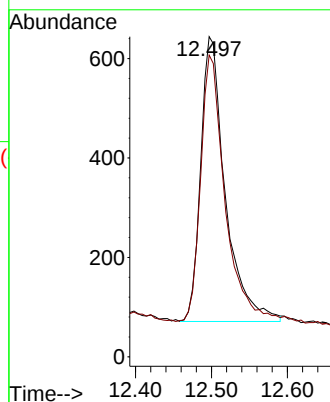
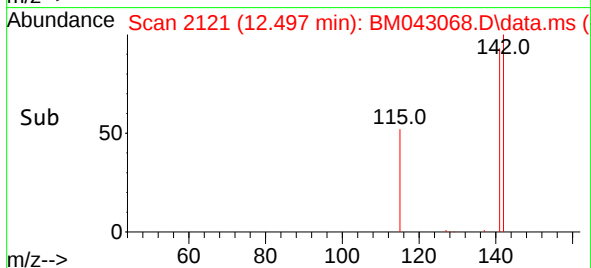
141 92.5 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#15

Phenanthrene

Concen: 0.295 ng/ul

RT: 17.250 min Scan# 3143

Delta R.T. -0.029 min

Lab File: BM043068.D

Acq: 28 Nov 2023 02:40

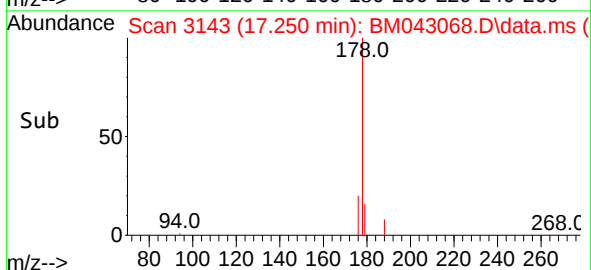
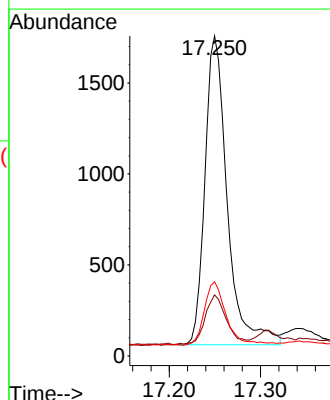
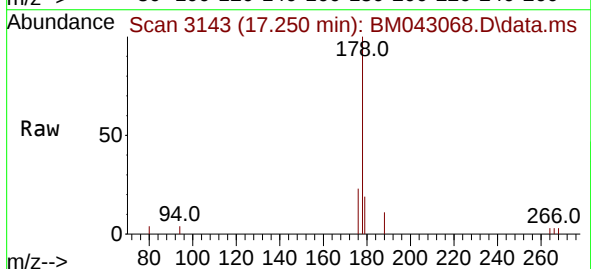
Tgt Ion:178 Resp: 2881

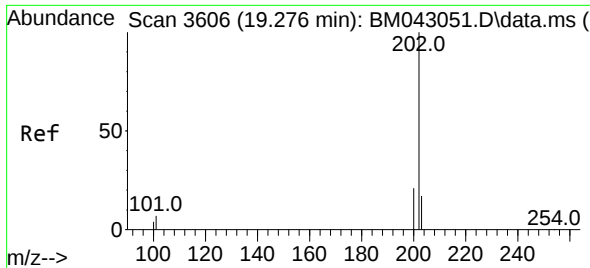
Ion Ratio Lower Upper

178 100

179 19.1 15.7 23.5

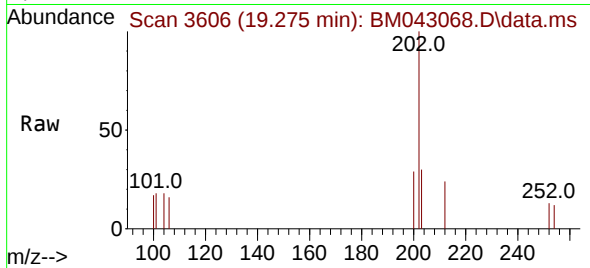
176 23.2 18.9 28.3





#19
Fluoranthene
Concen: 0.053 ng/u1
RT: 19.275 min Scan# 3606
Delta R.T. -0.018 min
Lab File: BM043068.D
Acq: 28 Nov 2023 02:40

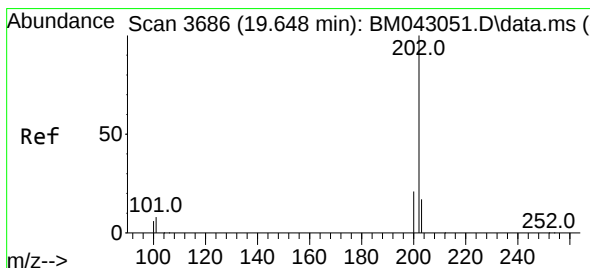
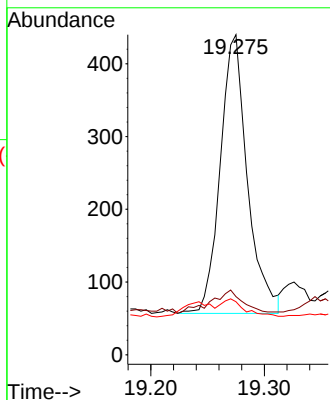
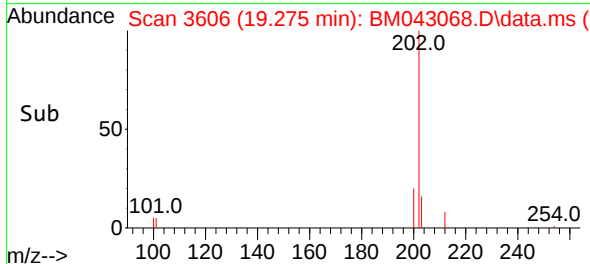
Instrument :
BNA_M
ClientSampleId :
C0AH8



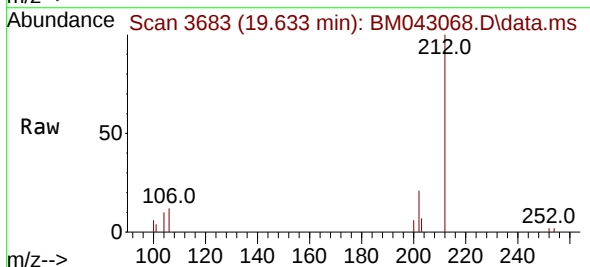
Tgt Ion:202 Resp: 630
Ion Ratio Lower Upper
202 100
101 18.2 7.8 11.8#
100 16.6 7.1 10.7#

Manual Integrations
APPROVED

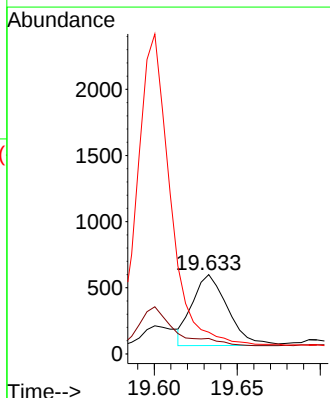
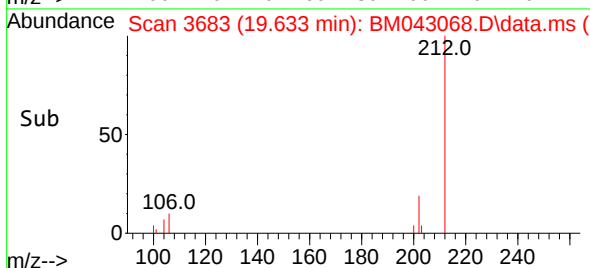
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

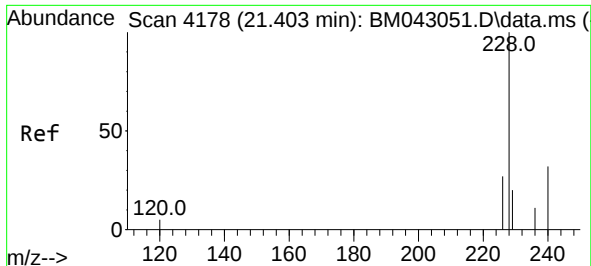


#20
Pyrene
Concen: 0.062 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043068.D
Acq: 28 Nov 2023 02:40



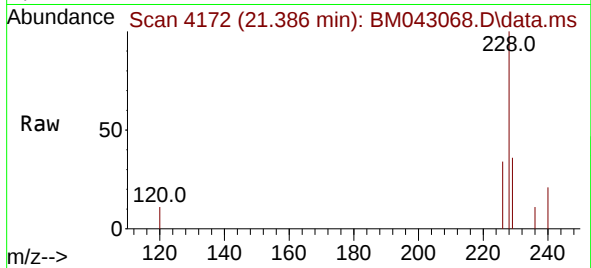
Tgt Ion:202 Resp: 793
Ion Ratio Lower Upper
202 100
101 19.5 8.7 13.1#
100 27.3 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.266 ng/ul
RT: 21.386 min Scan# 4178
Delta R.T. -0.026 min
Lab File: BM043068.D
Acq: 28 Nov 2023 02:40

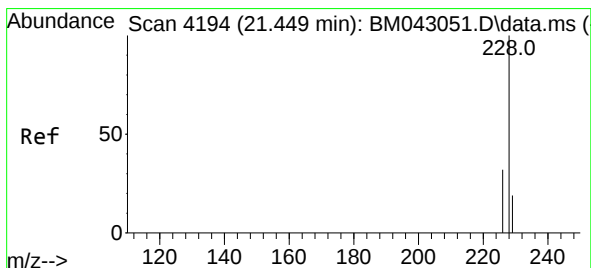
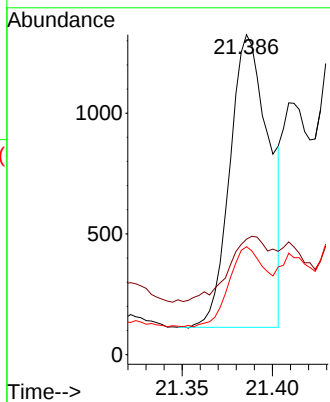
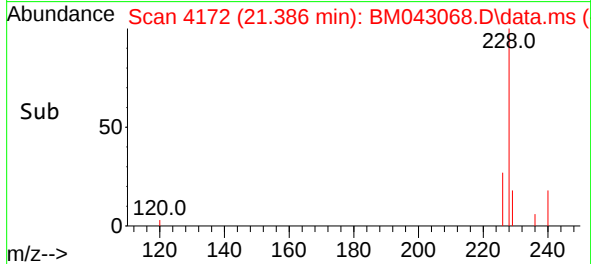
Instrument :
BNA_M
ClientSampleId :
COAH8



Tgt Ion:228 Resp: 1819
Ion Ratio Lower Upper
228 100
229 36.1 19.4 29.0
226 33.7 24.9 37.3

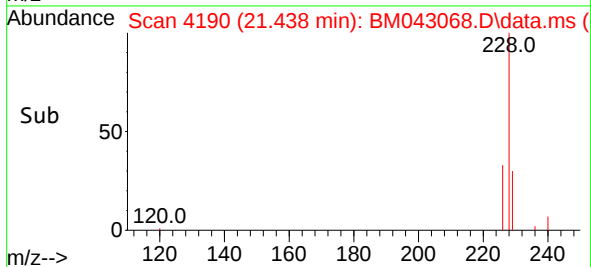
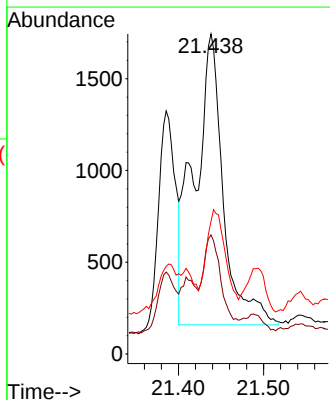
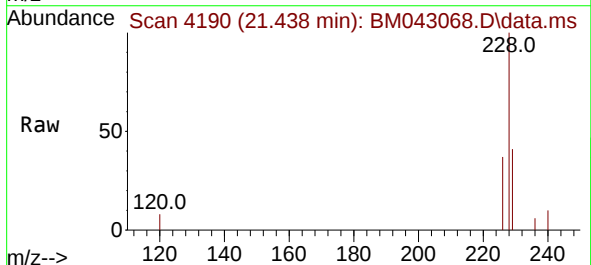
Manual Integrations
APPROVED

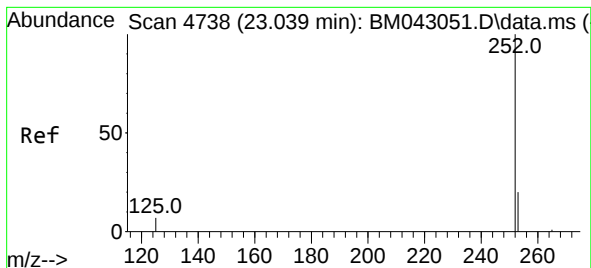
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 0.294 ng/ul m
RT: 21.438 min Scan# 4190
Delta R.T. -0.020 min
Lab File: BM043068.D
Acq: 28 Nov 2023 02:40

Tgt Ion:228 Resp: 3741
Ion Ratio Lower Upper
228 100
226 37.2 27.2 40.8
229 41.5 18.0 27.0#





#24

Benzo(b)fluoranthene

Concen: 0.401 ng/ul m

RT: 23.025 min Scan# 4733

Delta R.T. -0.026 min

Lab File: BM043068.D

Acq: 28 Nov 2023 02:40

Instrument :

BNM

ClientSampleId :

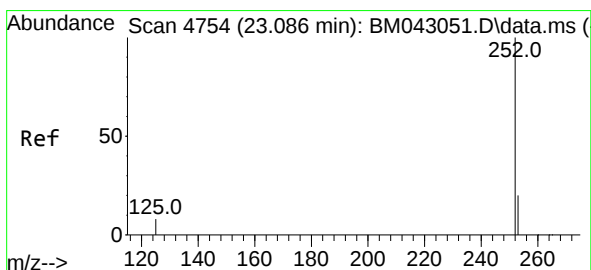
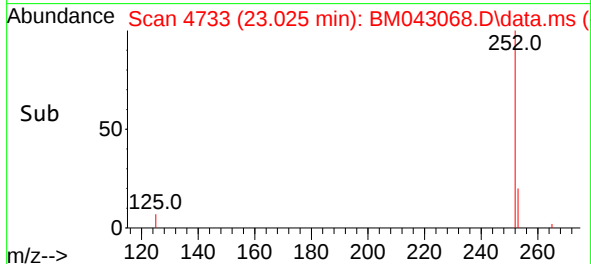
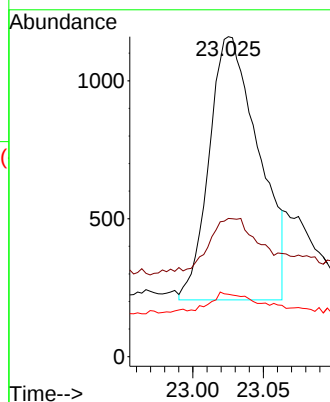
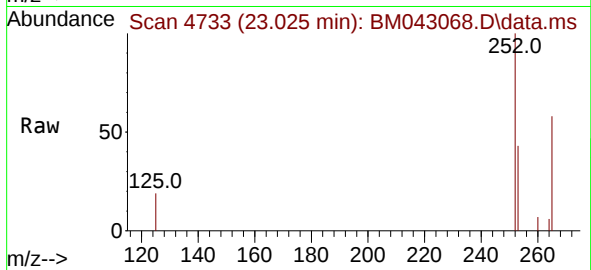
C0AH8

Tgt Ion:252	Resp:	233
Ion Ratio	Lower	Upper
252	100	
253	43.2	0.0 71.8
125	19.5	0.0 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#25

Benzo(k)fluoranthene

Concen: 0.060 ng/ul m

RT: 23.063 min Scan# 4746

Delta R.T. -0.035 min

Lab File: BM043068.D

Acq: 28 Nov 2023 02:40

Tgt Ion:252	Resp:	482
Ion Ratio	Lower	Upper
252	100	
253	70.6	28.2 42.2#
125	35.1	11.0 16.6#

