

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043120.D
 Acq On : 01 Dec 2023 13:00
 Operator : MA/JU
 Sample : 05459-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 00:05:55 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 : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1409	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.595	136	4007	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.446	164	2481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	5011m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.394	240	3243m	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	4774m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	7260	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2432	0.454	ng/ul	-0.03
18) Fluoranthene-d10	19.230	212	5854	0.495	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	10192	0.936	ng/ul#	84
7) 2-Methylnaphthalene	12.267	142	9814	1.528	ng/ul	96
8) 1-Methylnaphthalene	12.482	142	7002	0.978	ng/ul	98
12) Fluorene	15.497	166	395	0.040	ng/ul#	89
15) Phenanthrene	17.242	178	20821	1.456	ng/ul	93
19) Fluoranthene	19.262	202	5158	0.281	ng/ul	97
20) Pyrene	19.625	202	6455m	0.330	ng/ul	
21) Benzo(a)anthracene	21.379	228	1424	0.135	ng/ul#	87
22) Chrysene	21.432	228	4694m	0.240	ng/ul	
24) Benzo(b)fluoranthene	23.019	252	1634	0.101	ng/ul#	70
26) Benzo(a)pyrene	23.627	252	931	0.053	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.191	276	539	0.023	ng/ul#	88
29) Benzo(g,h,i)perylene	26.949	276	1473	0.064	ng/ul#	85

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

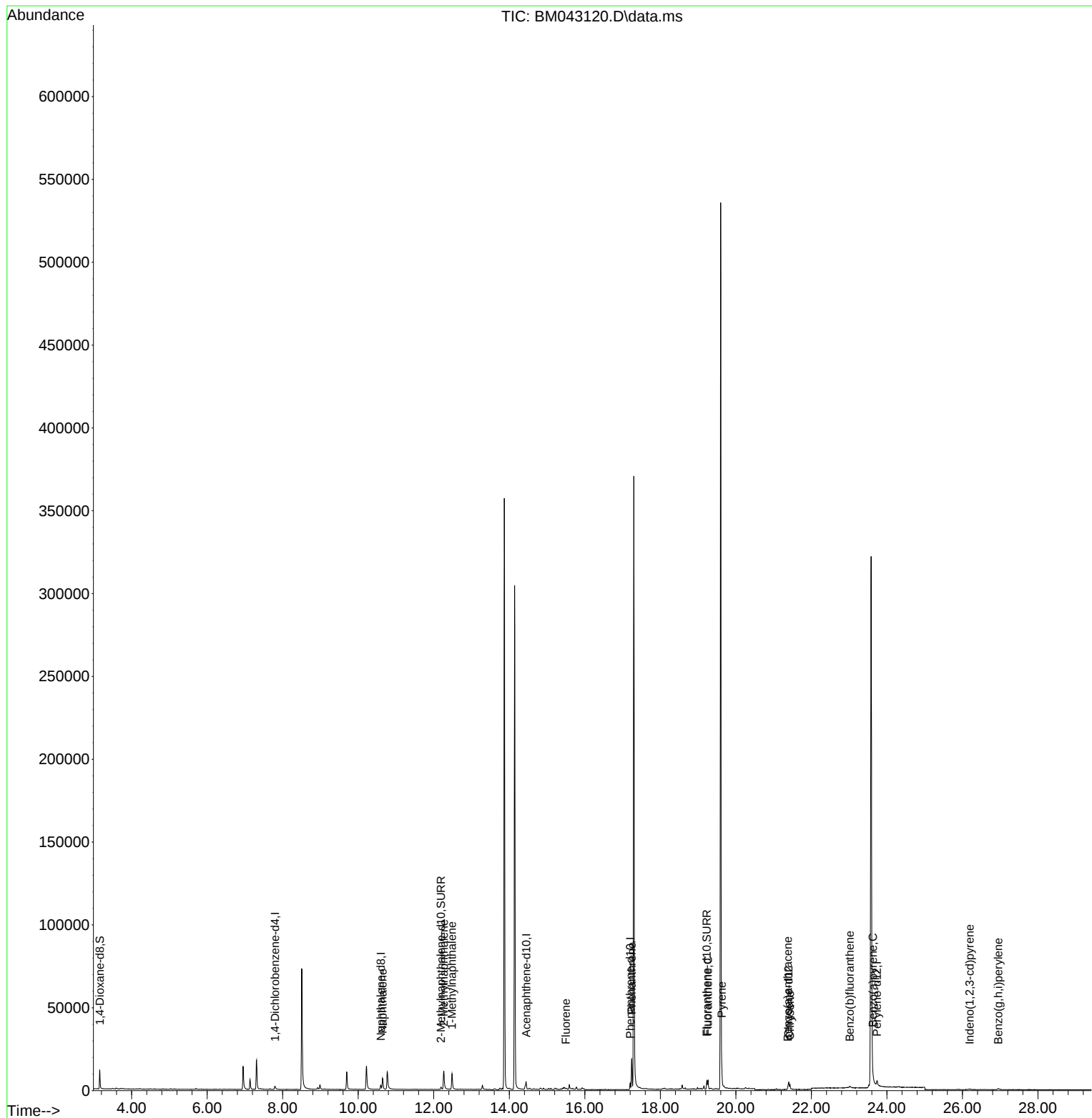
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043120.D
Acq On : 01 Dec 2023 13:00
Operator : MA/JU
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ALS Vial : 37 Sample Multiplier: 1

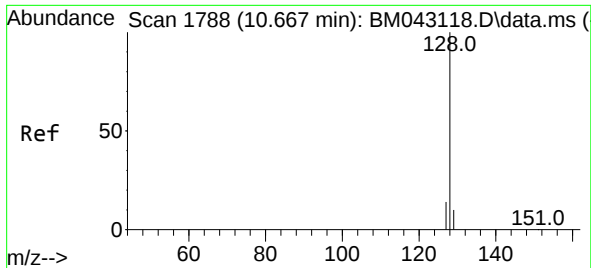
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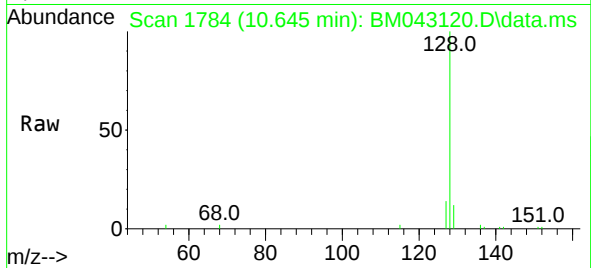
Quant Time: Dec 02 00:05:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
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#5
Naphthalene
Concen: 0.936 ng/ul
RT: 10.645 min Scan# 1784
Delta R.T. -0.022 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

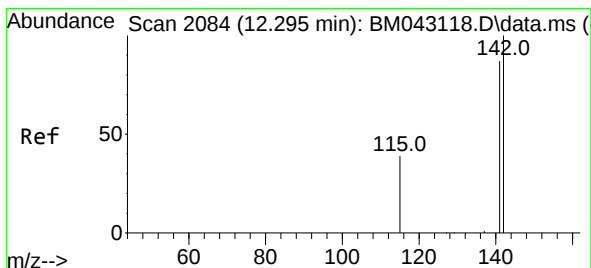
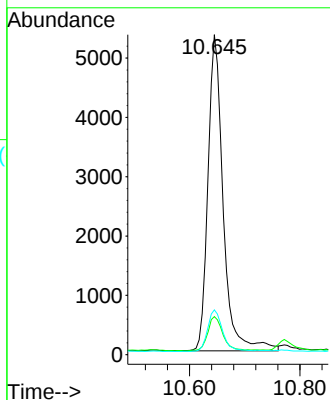
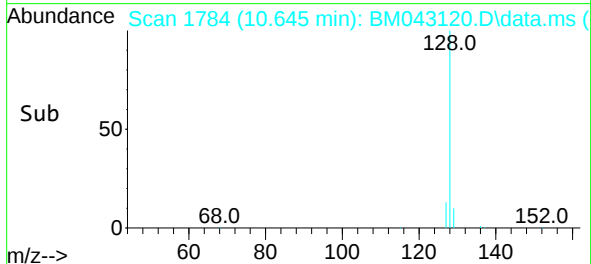
Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion:128 Resp: 10192
Ion Ratio Lower Upper
128 100
129 11.9 16.0 24.0
127 14.0 16.5 24.7

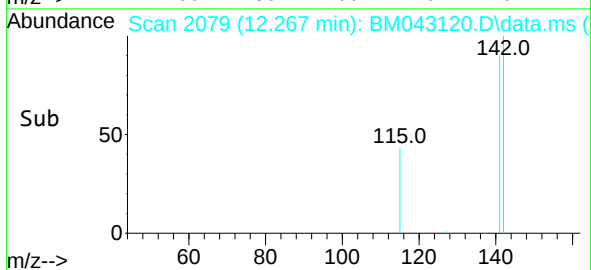
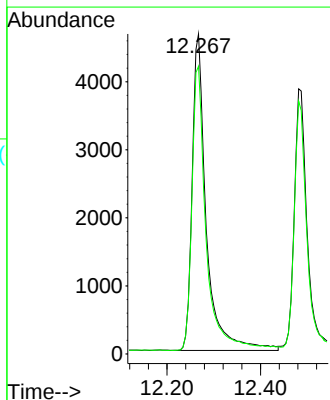
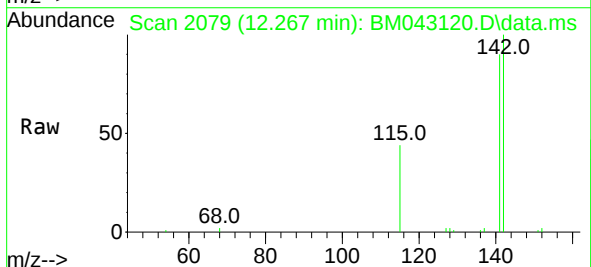
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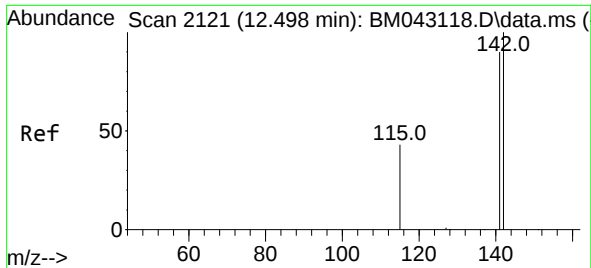
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#7
2-Methylnaphthalene
Concen: 1.528 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. -0.028 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

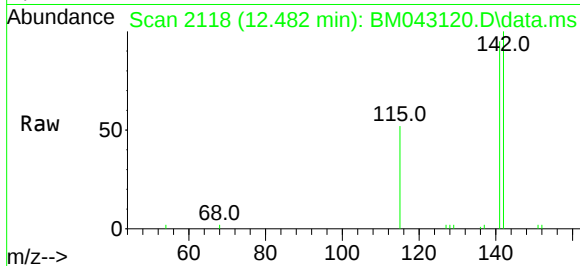
Tgt Ion:142 Resp: 9814
Ion Ratio Lower Upper
142 100
141 91.1 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.978 ng/ul
RT: 12.482 min Scan# 2118
Delta R.T. -0.017 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

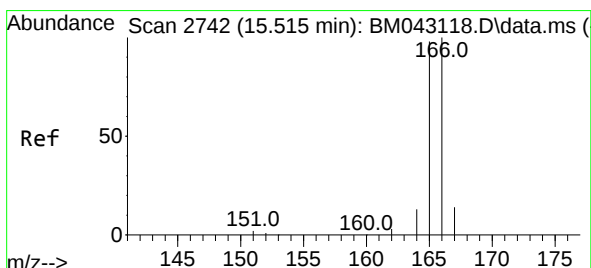
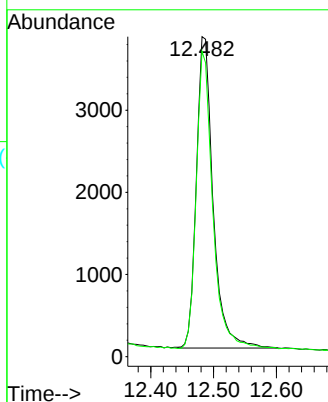
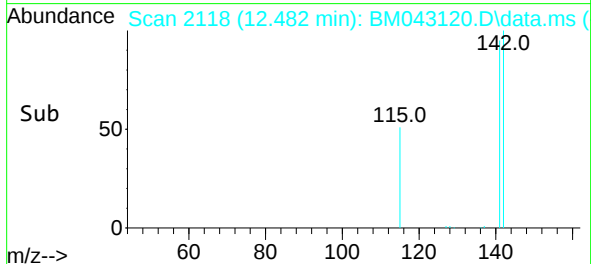
Instrument :
BNA_M
ClientSampleId :
C0AJ3



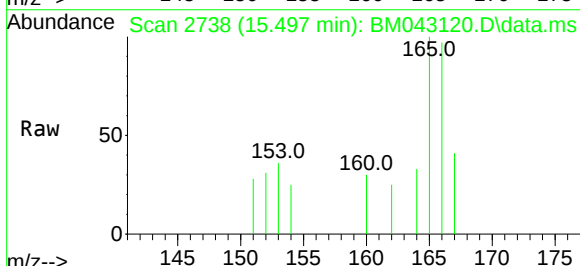
Tgt Ion:142 Resp: 700
Ion Ratio Lower Upper
142 100
141 94.3 73.8 110.8

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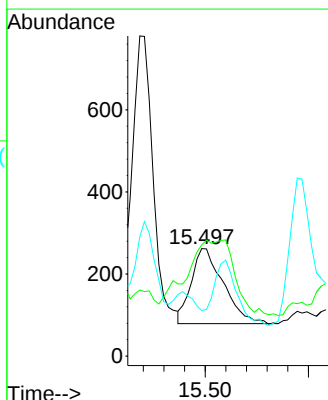
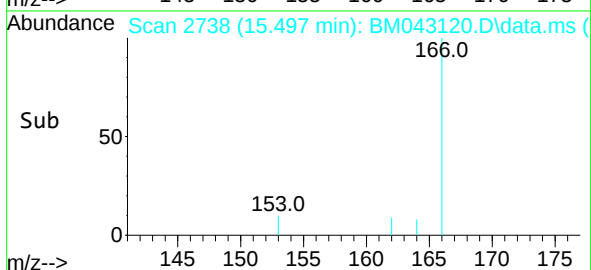
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

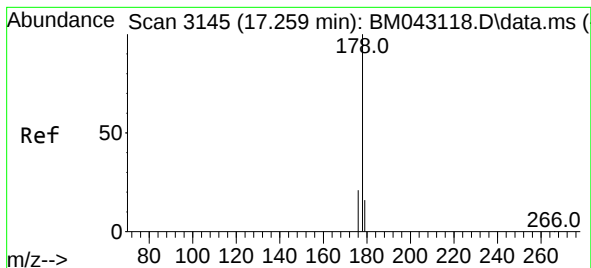


#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.497 min Scan# 2738
Delta R.T. -0.019 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00



Tgt Ion:166 Resp: 395
Ion Ratio Lower Upper
166 100
165 103.4 79.9 119.9
167 42.4 14.2 21.4#





#15

Phenanthrene

Concen: 1.456 ng/ul

RT: 17.242 min Scan# 3145

Delta R.T. -0.017 min

Lab File: BM043120.D

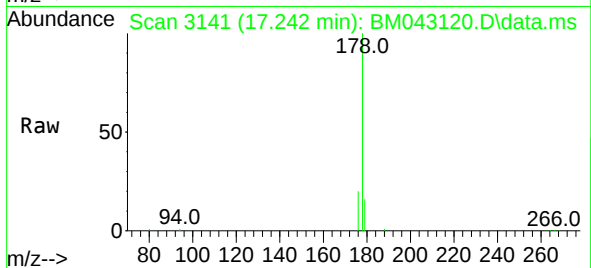
Acq: 01 Dec 2023 13:00

Instrument :

BNA_M

ClientSampleId :

C0AJ3



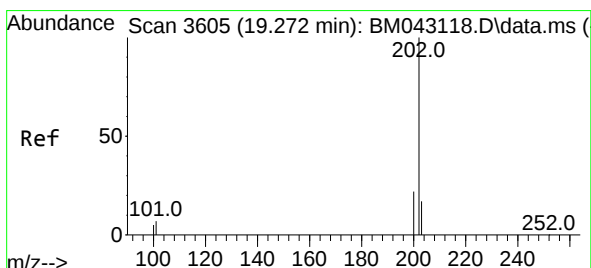
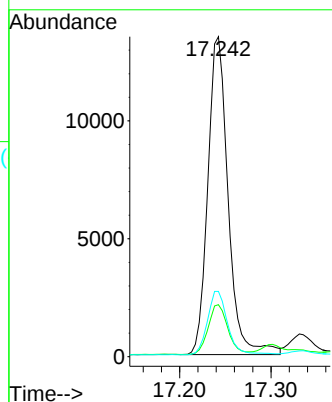
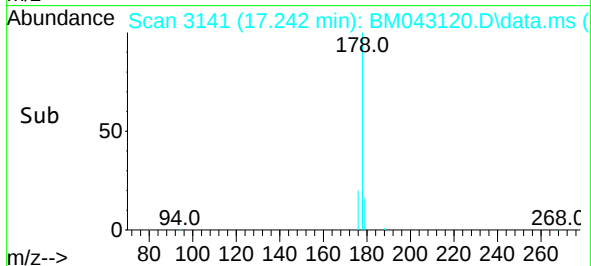
Tgt Ion:	178	Resp:	2082
Ion Ratio	Lower	Upper	
178	100		
179	16.3	15.7	23.5
176	20.4	18.9	28.3

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#19

Fluoranthene

Concen: 0.281 ng/ul

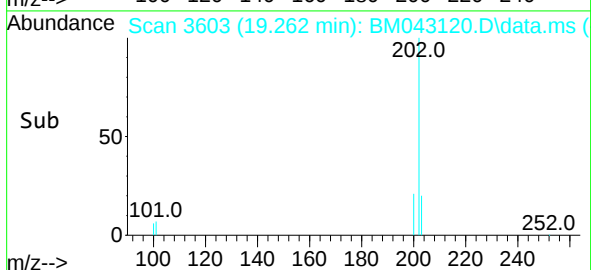
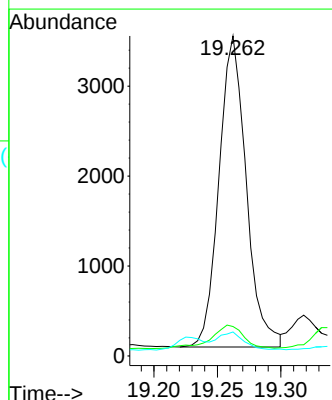
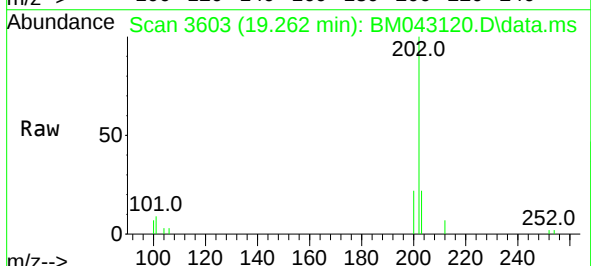
RT: 19.262 min Scan# 3603

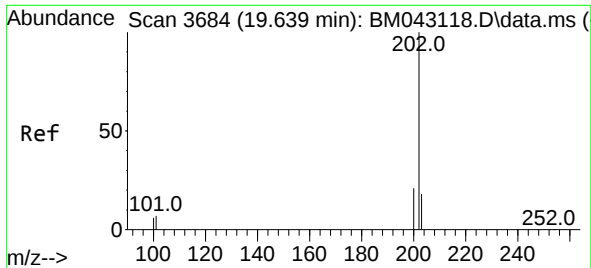
Delta R.T. -0.009 min

Lab File: BM043120.D

Acq: 01 Dec 2023 13:00

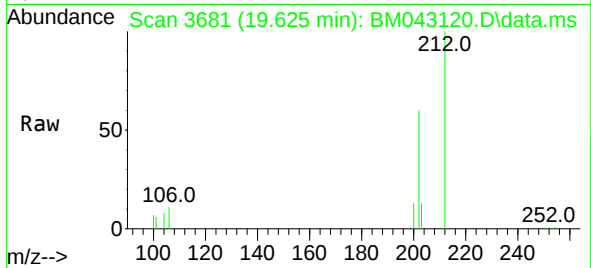
Tgt Ion:	202	Resp:	5158
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.8	11.8
100	7.5	7.1	10.7





#20
Pyrene
Concen: 0.330 ng/ul m
RT: 19.625 min Scan# 3681
Delta R.T. -0.014 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

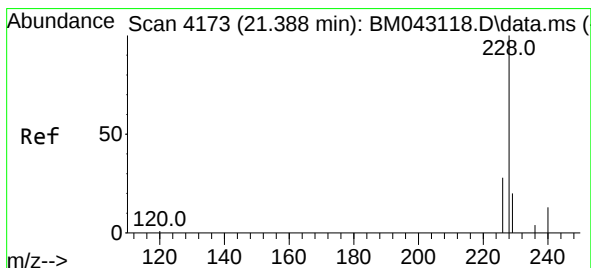
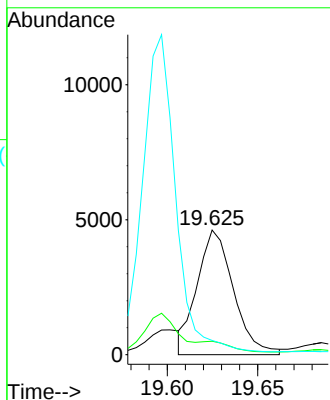
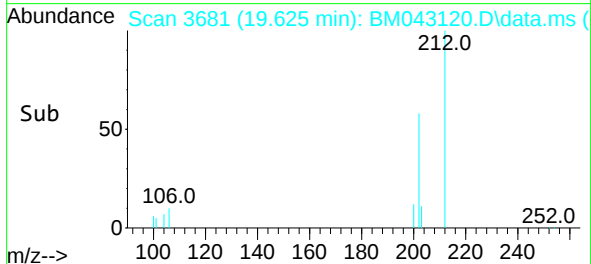
Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion:202 Resp: 645
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 11.4 7.8 11.8

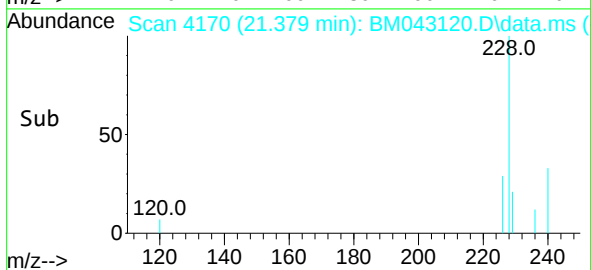
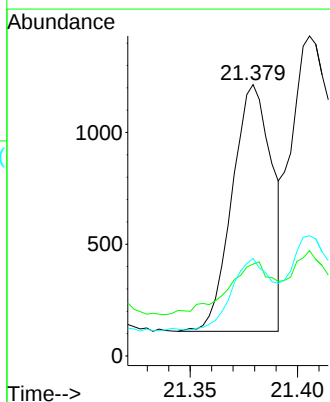
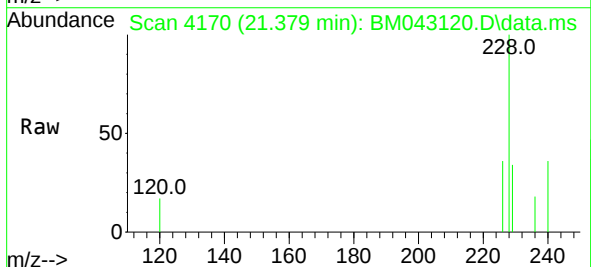
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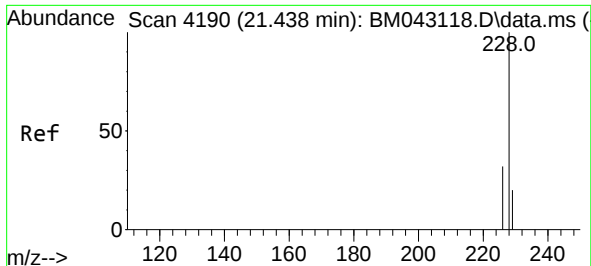
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#21
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.379 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

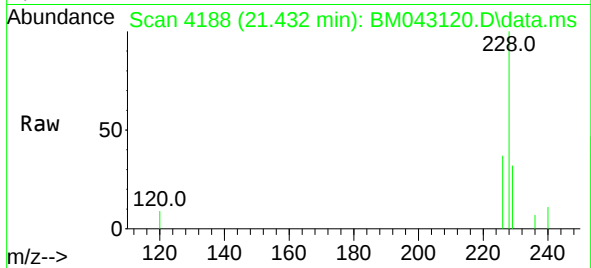
Tgt Ion:228 Resp: 1424
Ion Ratio Lower Upper
228 100
229 33.9 19.4 29.0#
226 35.9 24.9 37.3





#22
Chrysene
Concen: 0.240 ng/ul m
RT: 21.432 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

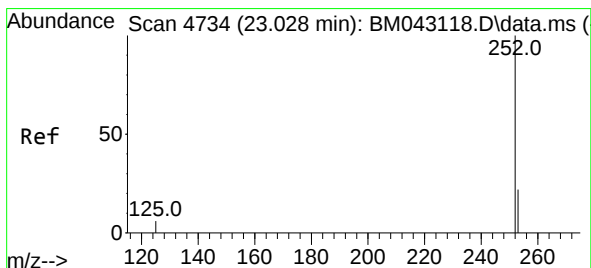
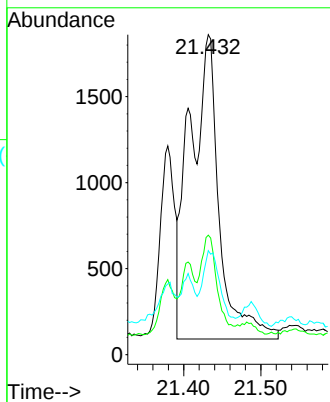
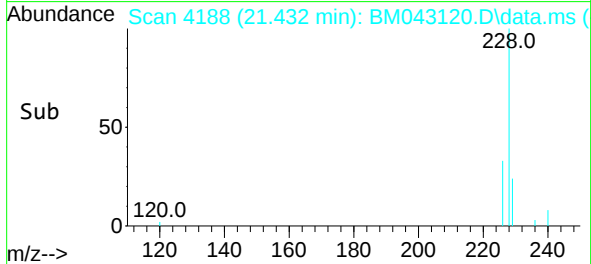
Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion:228 Resp: 4694
Ion Ratio Lower Upper
228 100
226 37.4 27.2 40.8
229 32.5 18.0 27.0

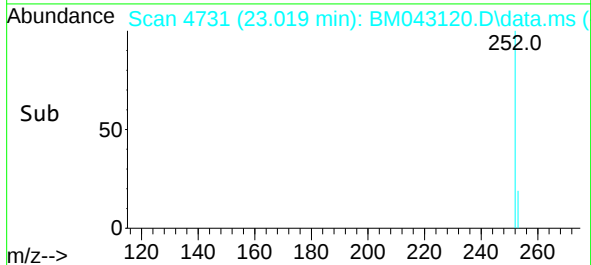
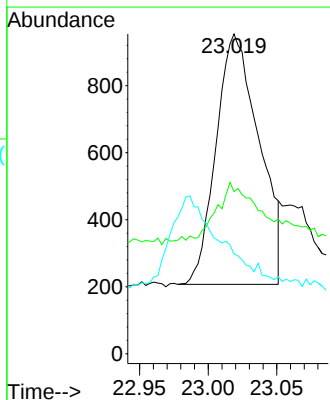
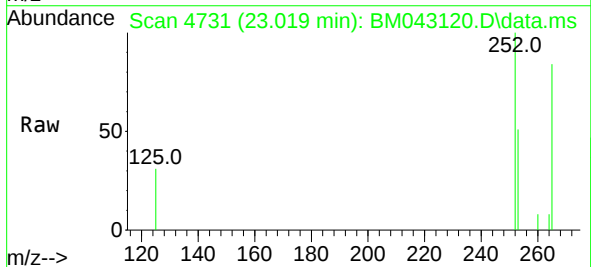
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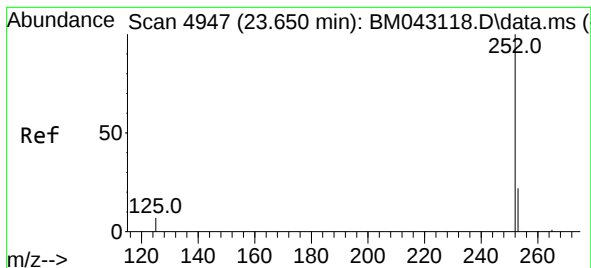
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Tgt Ion:252 Resp: 1634
Ion Ratio Lower Upper
252 100
253 50.7 0.0 71.8
125 31.2 0.0 29.0





#26

Benzo(a)pyrene

Concen: 0.053 ng/ul

RT: 23.627 min Scan# 4947

Delta R.T. -0.023 min

Lab File: BM043120.D

Acq: 01 Dec 2023 13:00

Instrument :

BNM_M

ClientSampleId :

C0AJ3

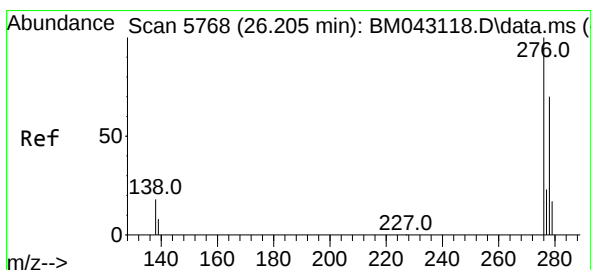
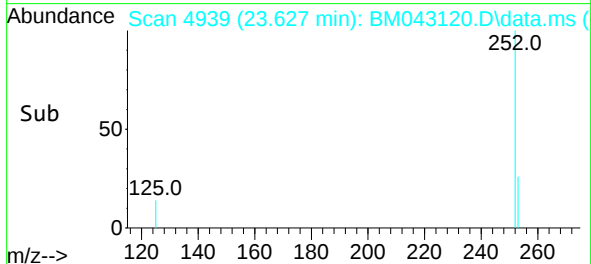
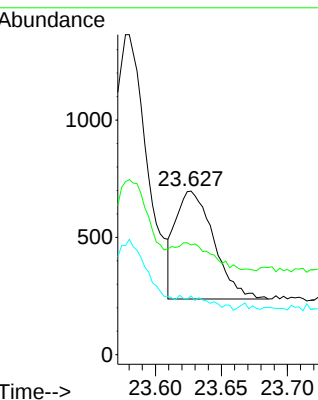
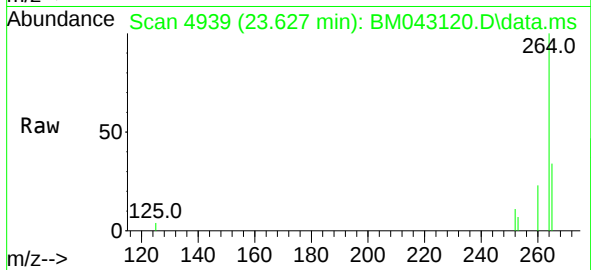
Tgt Ion:252	Resp:	93
Ion Ratio	Lower	Upper
252	100	
253	67.1	36.6 55.0
125	35.9	16.2 24.4

Manual Integrations

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Supervised By :mohammad ahmed 12/04/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng/ul

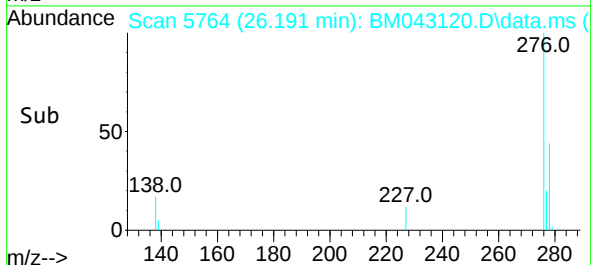
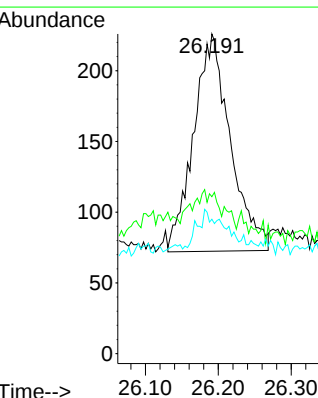
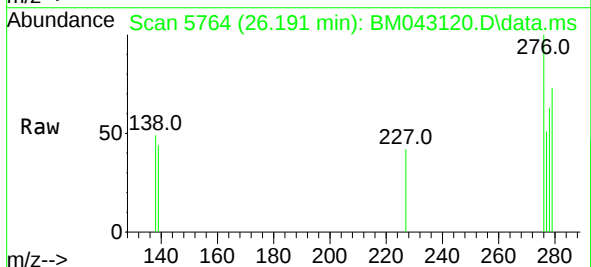
RT: 26.191 min Scan# 5764

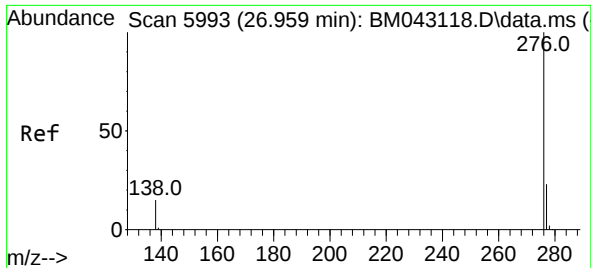
Delta R.T. -0.013 min

Lab File: BM043120.D

Acq: 01 Dec 2023 13:00

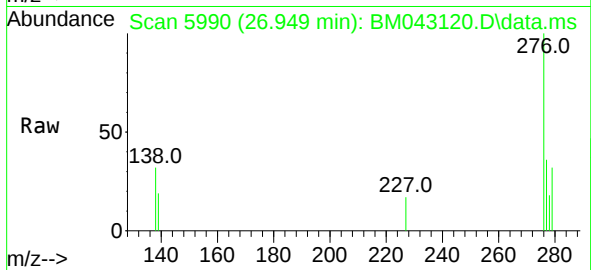
Tgt Ion:276	Resp:	539
Ion Ratio	Lower	Upper
276	100	
138	20.6	0.0 0.0
227	16.0	0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 26.949 min Scan# 5990
Delta R.T. -0.010 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion:276 Resp: 147
Ion Ratio Lower Upper
276 100
138 32.0 17.8 26.8
277 35.6 23.8 35.8

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