

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040953.D
 Acq On : 18 Jul 2023 14:41
 Operator : MA/JU
 Sample : 03444-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 22:26:57 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5267	0.400	ng/ul	0.00
4) Naphthalene-d8	10.649	136	18899	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.500	164	9823	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	19530	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	12076	0.400	ng/ul	# 0.00
23) Perylene-d12	23.826	264	13165	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.271	96	39343	4.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.243	152	11588	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	19636	0.507	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.218	152	1744	0.040	ng/ul#	85
15) Phenanthrene	17.291	178	5994	0.099	ng/ul	97
16) Anthracene	17.384	178	1557	0.031	ng/ul#	83
19) Fluoranthene	19.316	202	12738	0.248	ng/ul	99
20) Pyrene	19.679	202	12963m	0.236	ng/ul	
21) Benzo(a)anthracene	21.432	228	4843	0.119	ng/ul	93
22) Chrysene	21.484	228	5338	0.115	ng/ul#	93
24) Benzo(b)fluoranthene	23.104	252	7867	0.154	ng/ul	73
25) Benzo(k)fluoranthene	23.144	252	2604m	0.052	ng/ul	
26) Benzo(a)pyrene	23.715	252	5568	0.121	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.282	276	4223	0.066	ng/ul#	86
29) Benzo(g,h,i)perylene	27.036	276	4507	0.080	ng/ul	90

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

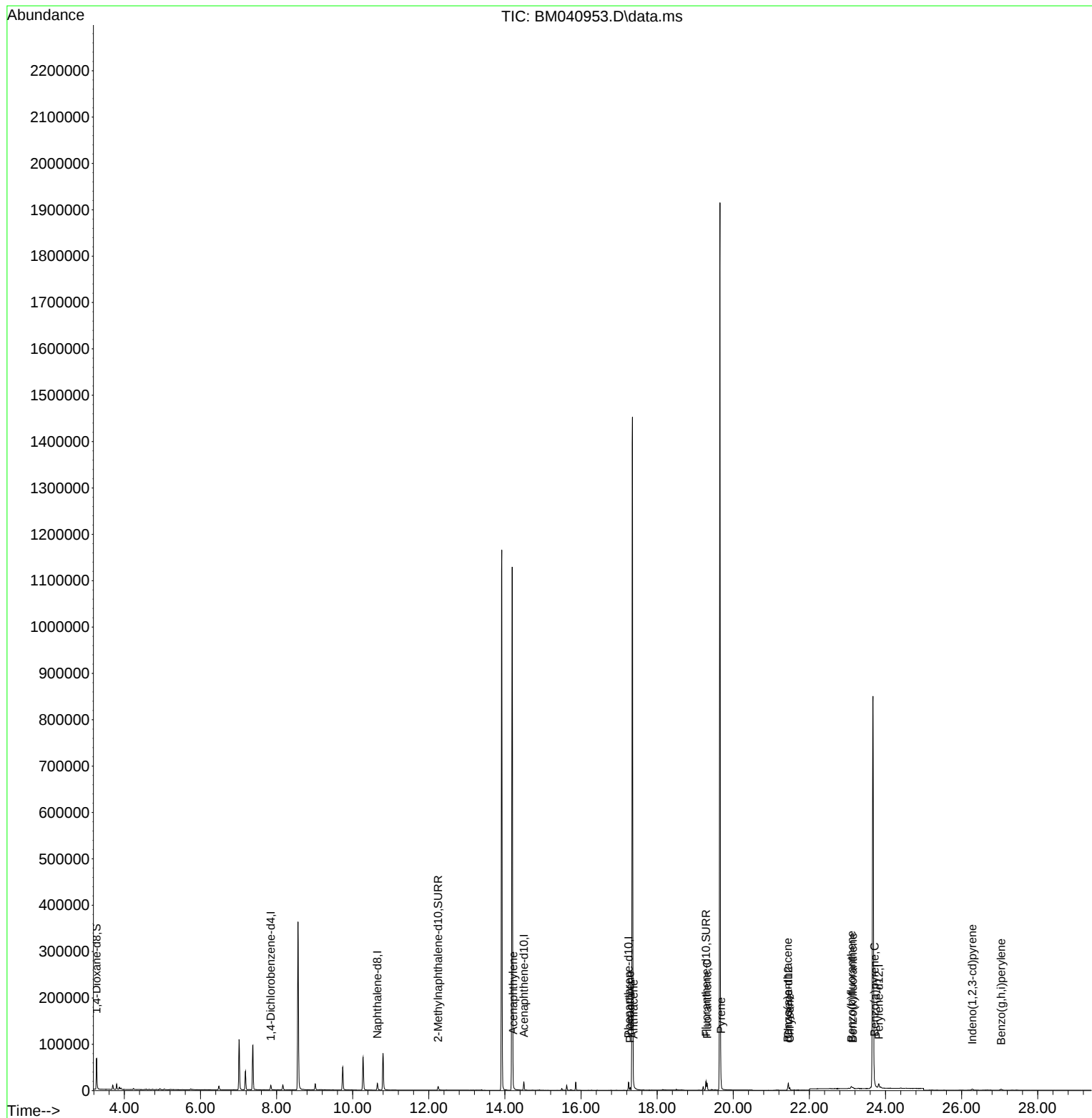
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040953.D
Acq On : 18 Jul 2023 14:41
Operator : MA/JU
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ALS Vial : 40 Sample Multiplier: 1

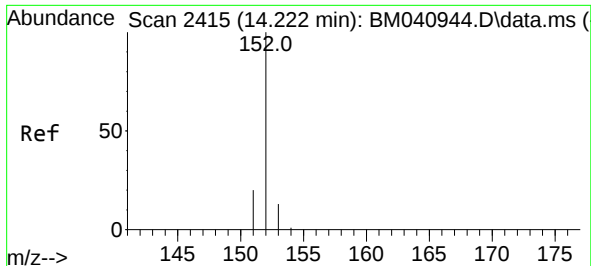
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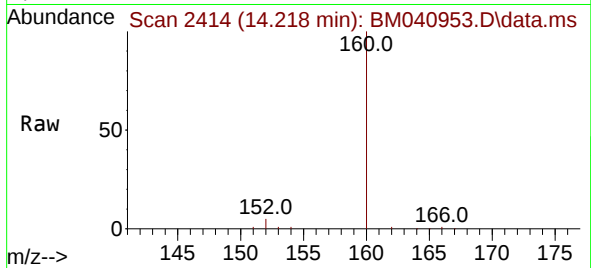
Quant Time: Jul 18 22:26:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
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#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.218 min Scan# 2414
Delta R.T. -0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

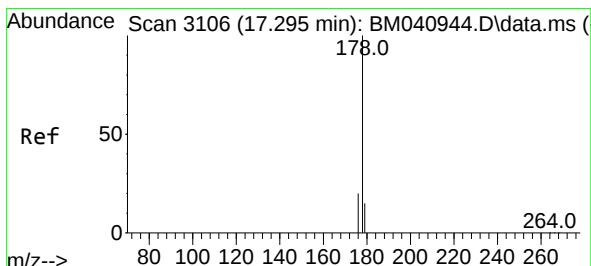
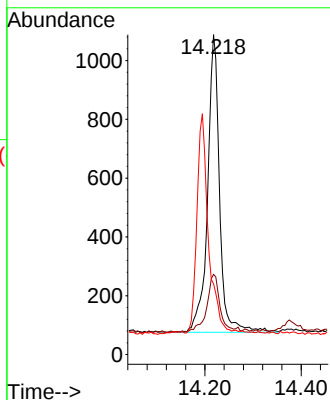
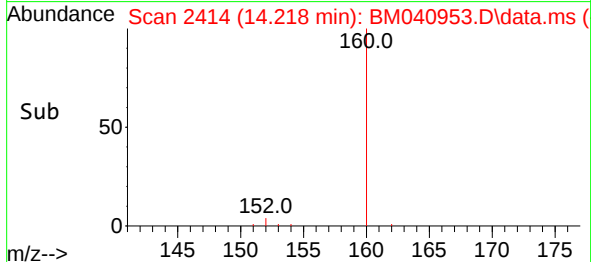
Instrument :
BNA_M
ClientSampleId :
A46N7



Tgt Ion:152 Resp: 1744
Ion Ratio Lower Upper
152 100
151 25.1 16.2 24.2
153 22.2 10.9 16.3

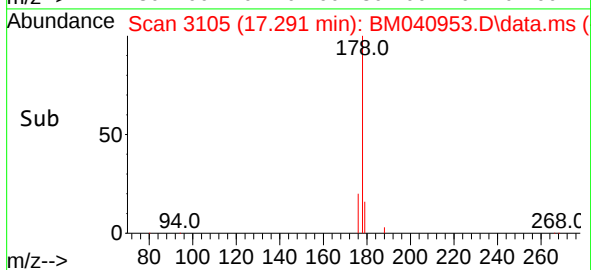
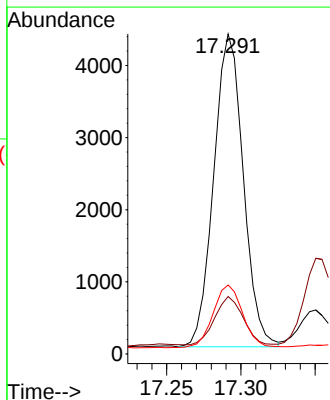
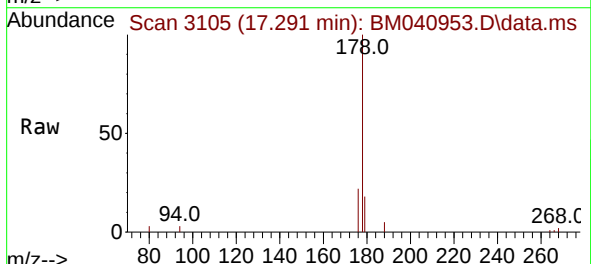
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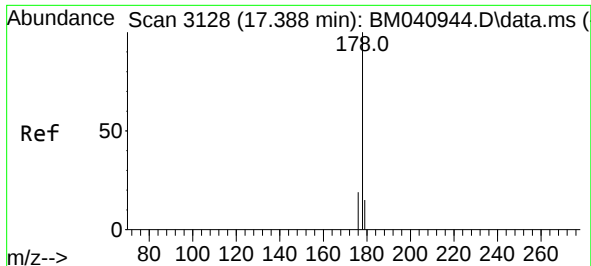
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

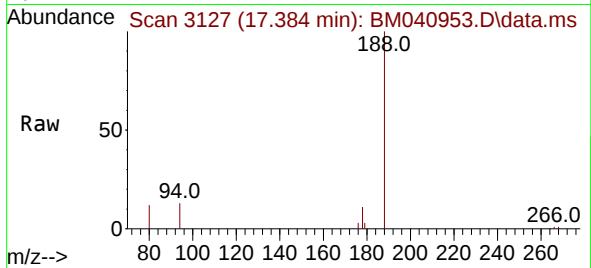
Tgt Ion:178 Resp: 5994
Ion Ratio Lower Upper
178 100
179 17.9 12.8 19.2
176 21.5 16.4 24.6





#16
 Anthracene
 Concen: 0.031 ng/ul
 RT: 17.384 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040953.D
 Acq: 18 Jul 2023 14:41

Instrument :
 BNA_M
 ClientSampleId :
 A46N7

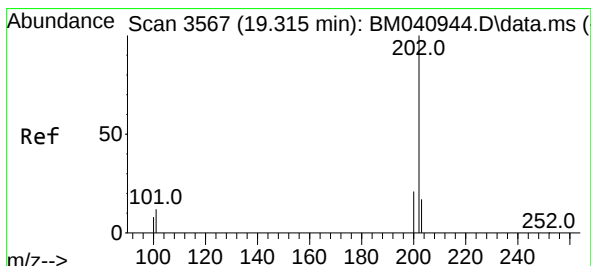
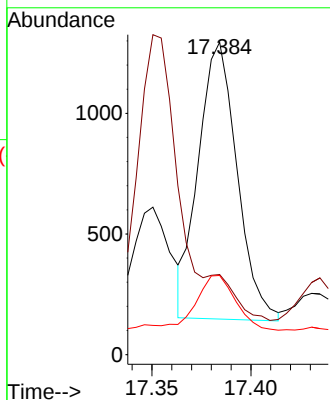
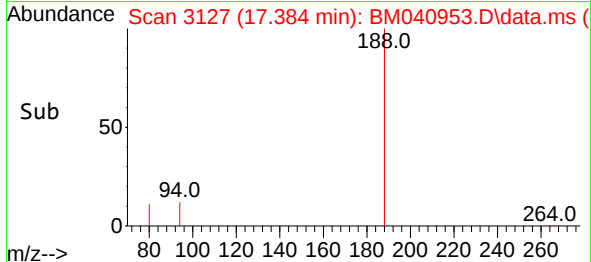


Tgt Ion:178 Resp: 155

Ion	Ratio	Lower	Upper
178	100		
179	25.6	12.9	19.3
176	25.3	15.8	23.6

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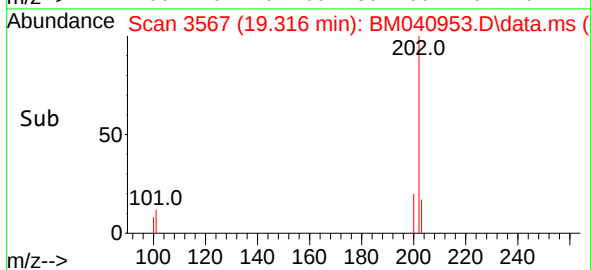
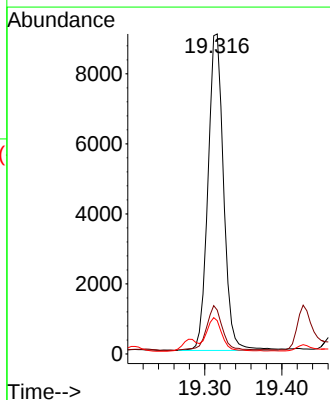
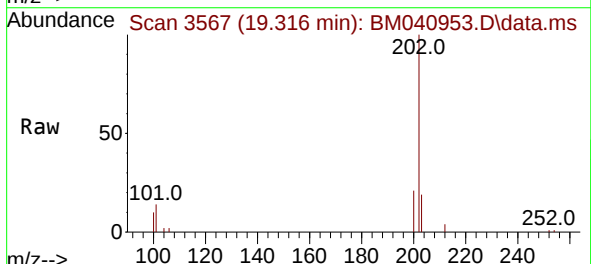
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

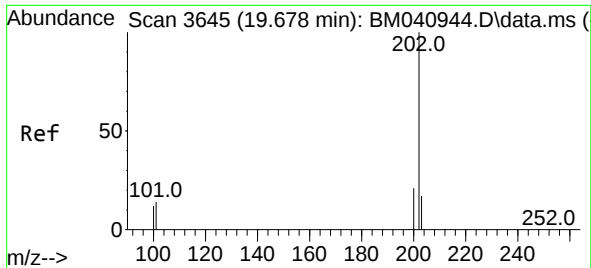


#19
 Fluoranthene
 Concen: 0.248 ng/ul
 RT: 19.316 min Scan# 3567
 Delta R.T. 0.001 min
 Lab File: BM040953.D
 Acq: 18 Jul 2023 14:41

Tgt Ion:202 Resp: 12738

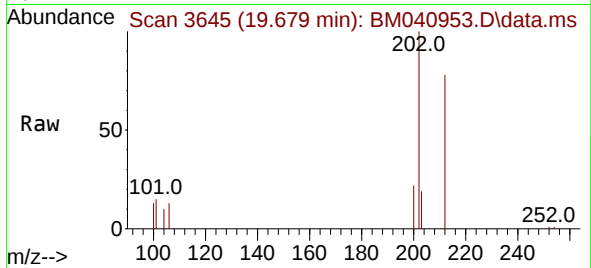
Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.4	17.0
100	10.4	8.7	13.1





#20
Pyrene
Concen: 0.236 ng/ul m
RT: 19.679 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

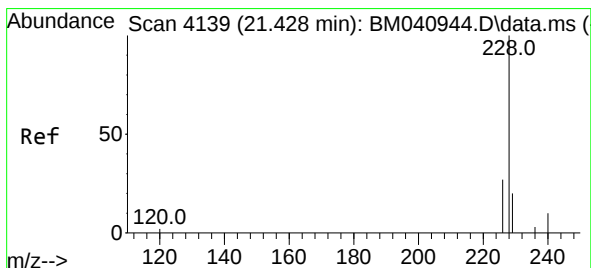
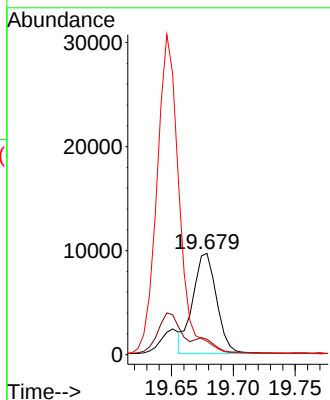
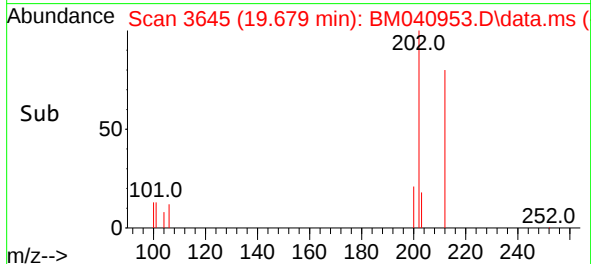
Instrument :
BNA_M
ClientSampleId :
A46N7



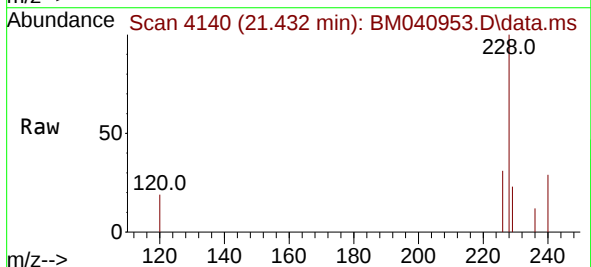
Tgt Ion:202 Resp: 1296
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 13.3 9.8 14.6

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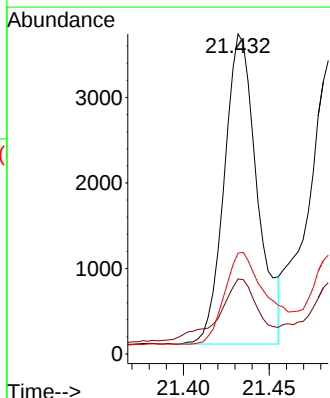
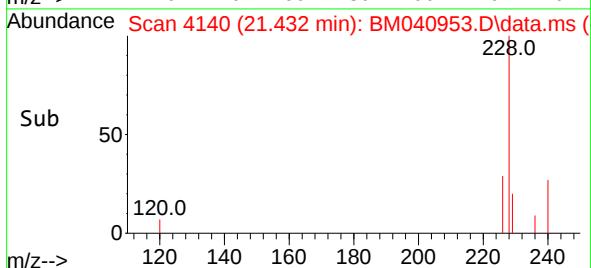
Reviewed By :Yogesh Patel 07/19/2023
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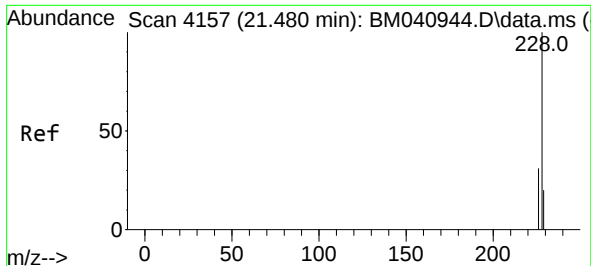


#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.432 min Scan# 4140
Delta R.T. 0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41



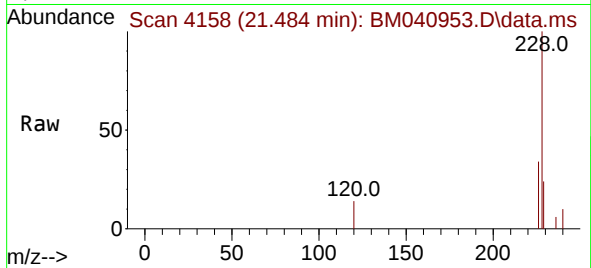
Tgt Ion:228 Resp: 4843
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 31.5 22.3 33.5





#22
Chrysene
Concen: 0.115 ng/ul
RT: 21.484 min Scan# 4157
Delta R.T. 0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

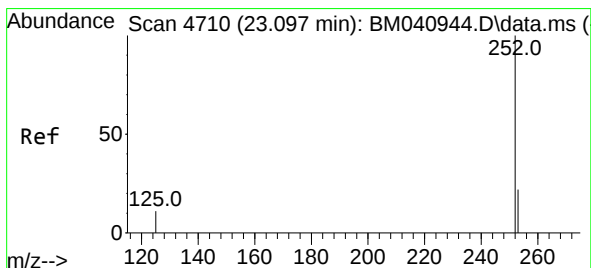
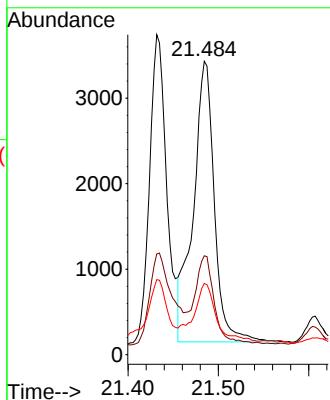
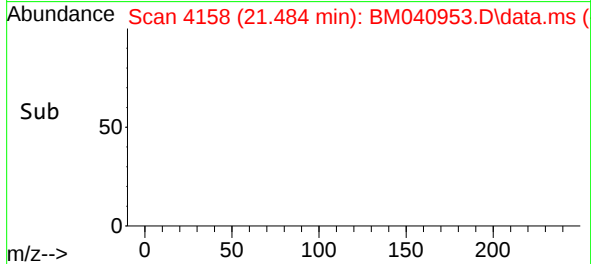
Instrument :
BNA_M
ClientSampleId :
A46N7



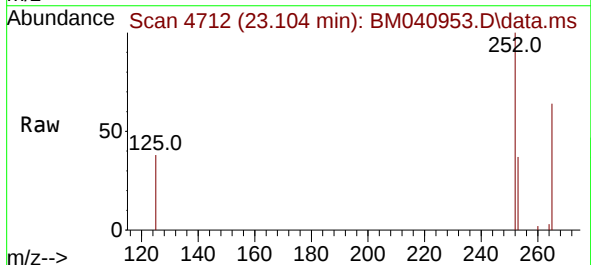
Tgt Ion:228 Resp: 5338
Ion Ratio Lower Upper
228 100
226 33.7 24.9 37.3
229 24.3 15.8 23.6

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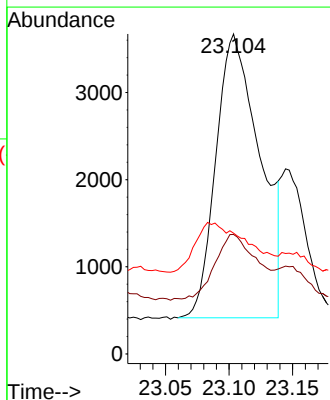
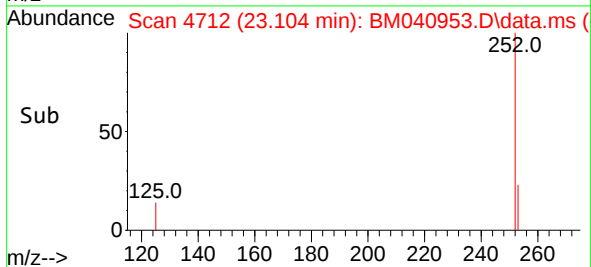
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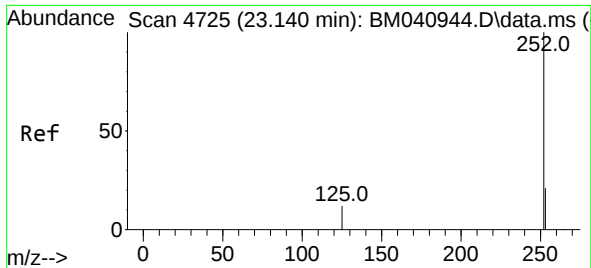


#24
Benzo(b)fluoranthene
Concen: 0.154 ng/ul
RT: 23.104 min Scan# 4712
Delta R.T. 0.007 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41



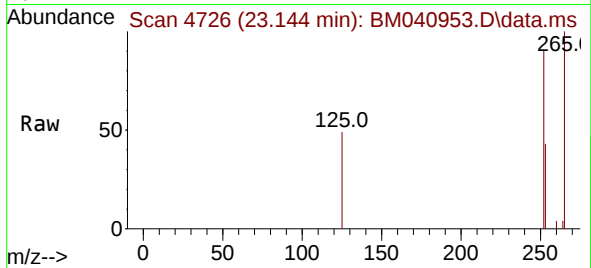
Tgt Ion:252 Resp: 7867
Ion Ratio Lower Upper
252 100
253 37.4 0.0 52.8
125 37.7 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.052 ng/ul m
RT: 23.144 min Scan# 4725
Delta R.T. 0.004 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

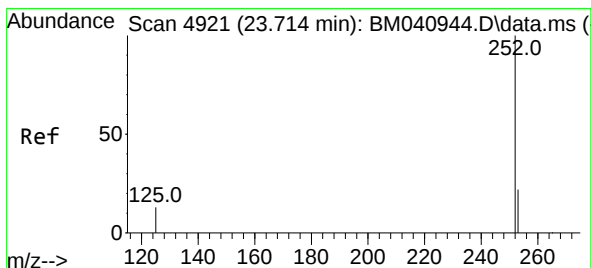
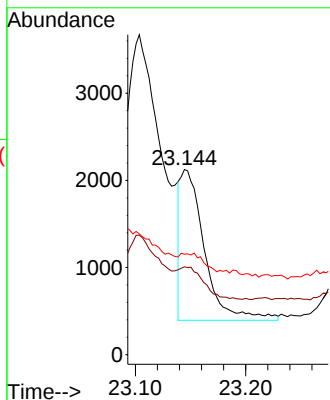
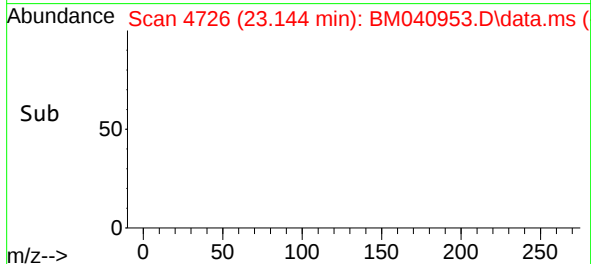
Instrument :
BNA_M
ClientSampleId :
A46N7



Tgt Ion:252 Resp: 2604
Ion Ratio Lower Upper
252 100
253 47.5 21.2 31.8#
125 54.3 16.4 24.6#

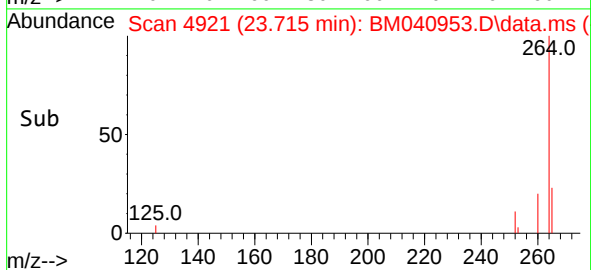
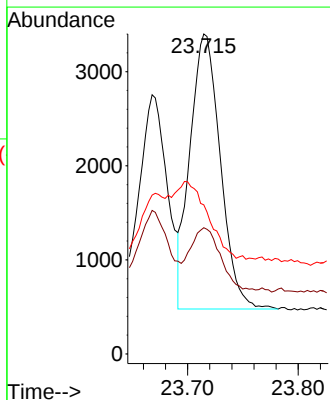
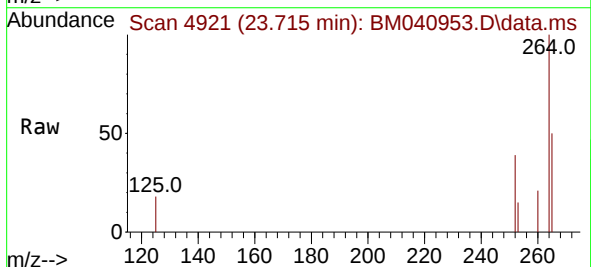
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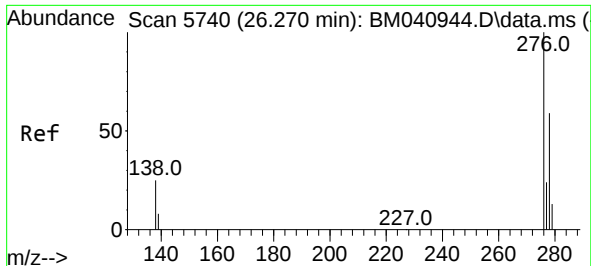
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.715 min Scan# 4921
Delta R.T. 0.001 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

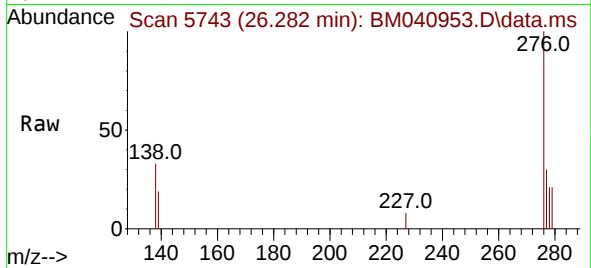
Tgt Ion:252 Resp: 5568
Ion Ratio Lower Upper
252 100
253 39.5 22.9 34.3#
125 46.6 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 26.282 min Scan# 5743
Delta R.T. 0.012 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41

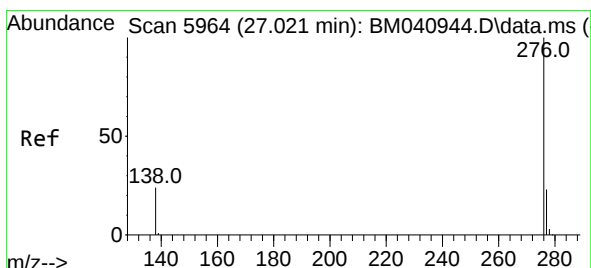
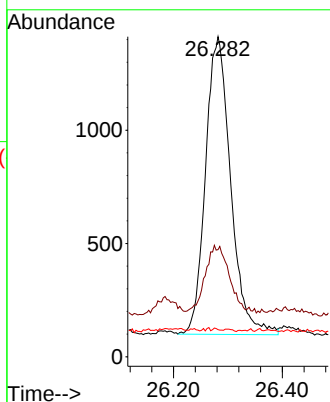
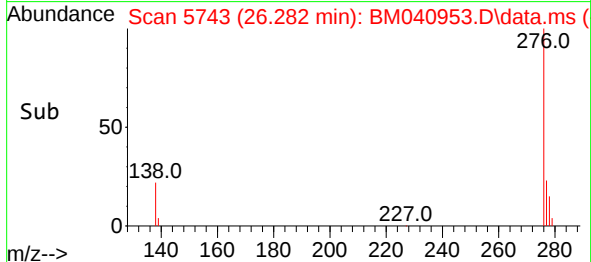
Instrument :
BNA_M
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A46N7



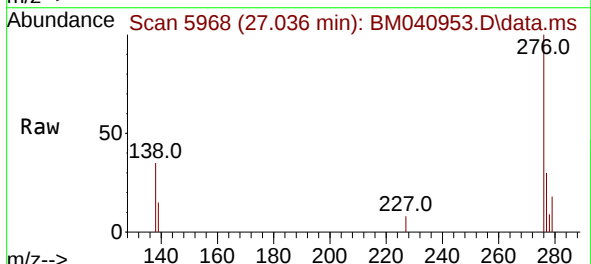
Tgt Ion:276 Resp: 422
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7
227 0.4 0.1 0.1

Manual Integrations
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Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 27.036 min Scan# 5968
Delta R.T. 0.015 min
Lab File: BM040953.D
Acq: 18 Jul 2023 14:41



Tgt Ion:276 Resp: 4507
Ion Ratio Lower Upper
276 100
138 34.5 23.0 34.6
277 29.9 20.3 30.5

