

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037059.D
 Acq On : 14 Oct 2022 18:31
 Operator : CG/JU
 Sample : N5025-01DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 23:04:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6150	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	22279	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.562	164	11603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	22182	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	13494	0.400	ng/ul	0.00
23) Perylene-d12	23.864	264	10105	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	13650	1.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	3113	0.093	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	5004	0.124	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	3854	0.061	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	2094	0.054	ng/ul	90
8) 1-Methylnaphthalene	12.613	142	1578	0.040	ng/ul	98
15) Phenanthrene	17.339	178	13743	0.194	ng/ul	99
16) Anthracene	17.432	178	2278	0.038	ng/ul#	88
19) Fluoranthene	19.350	202	34696	0.646	ng/ul	99
20) Pyrene	19.713	202	35481m	0.634	ng/ul	
21) Benzo(a)anthracene	21.455	228	19147	0.393	ng/ul#	87
22) Chrysene	21.508	228	32913	0.629	ng/ul#	94
24) Benzo(b)fluoranthene	23.133	252	27190	0.602	ng/ul	96
25) Benzo(k)fluoranthene	23.179	252	8086m	0.184	ng/ul	
26) Benzo(a)pyrene	23.752	252	39759	1.086	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.335	276	13077	0.252	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.342	278	7048	0.168	ng/ul#	58
29) Benzo(g,h,i)perylene	27.097	276	24079	0.527	ng/ul	97

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

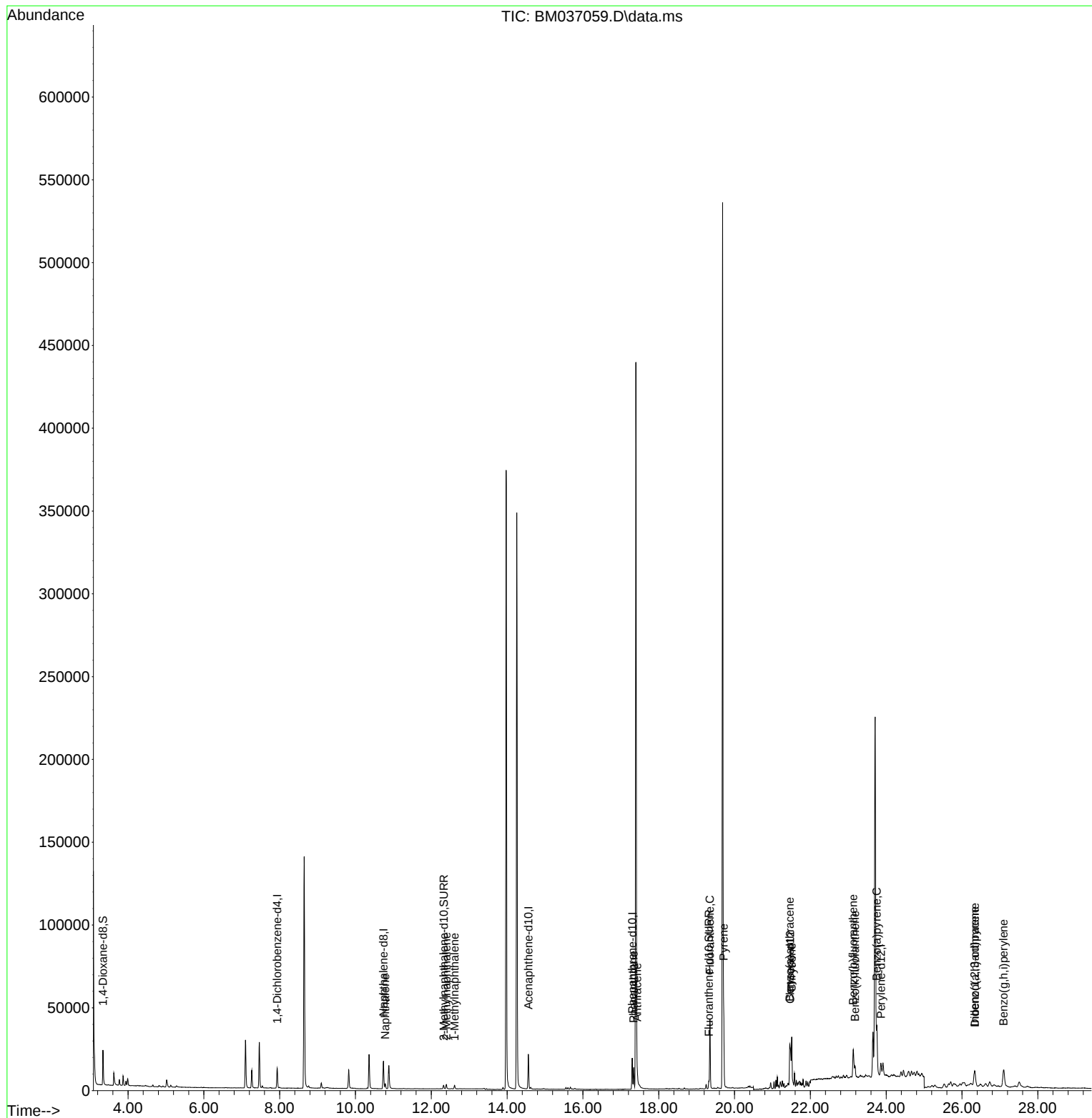
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037059.D
Acq On : 14 Oct 2022 18:31
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ALS Vial : 55 Sample Multiplier: 1

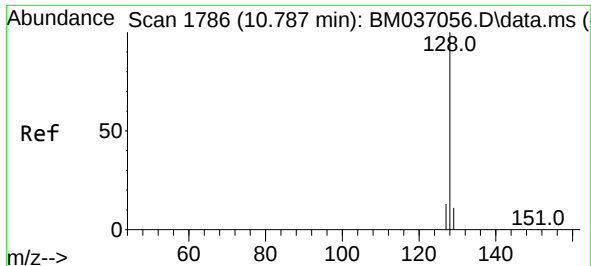
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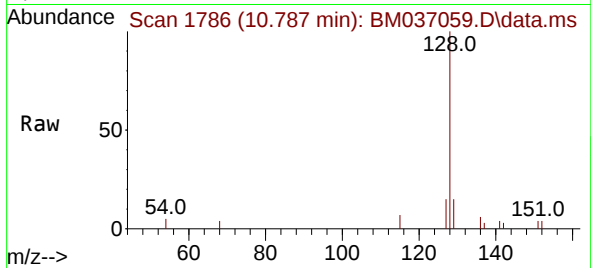
Quant Time: Oct 14 23:04:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

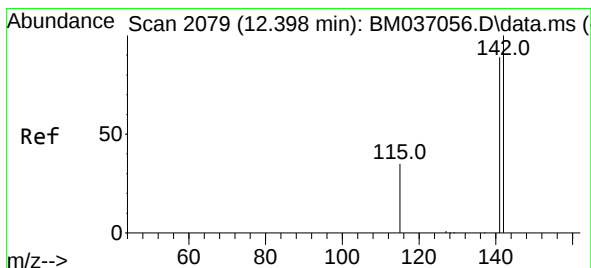
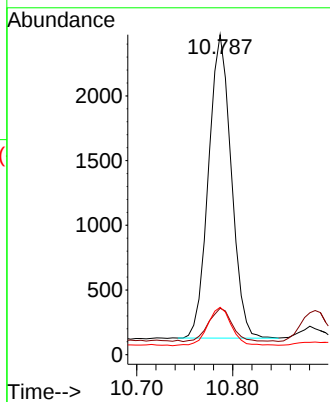
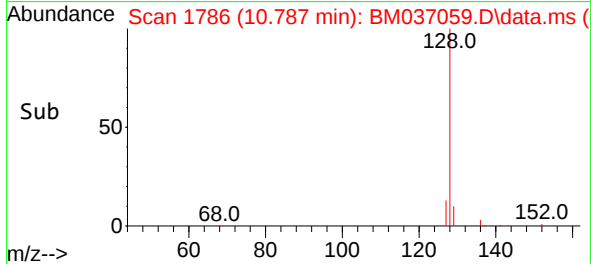
Instrument :
BNA_M
ClientSampleId :
C0BD4DL



Tgt Ion:128 Resp: 3854
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 14.8 11.7 17.5

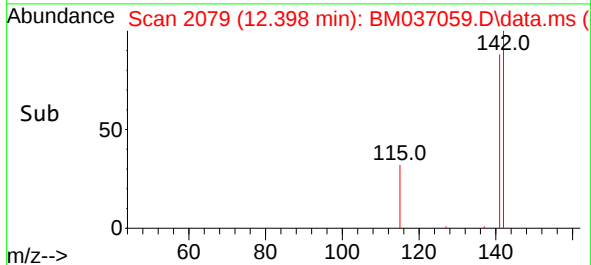
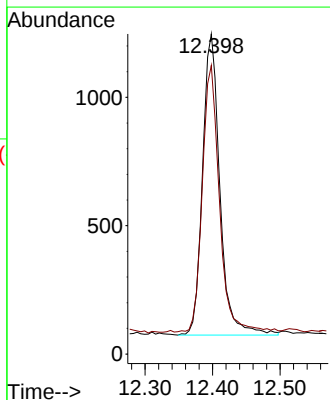
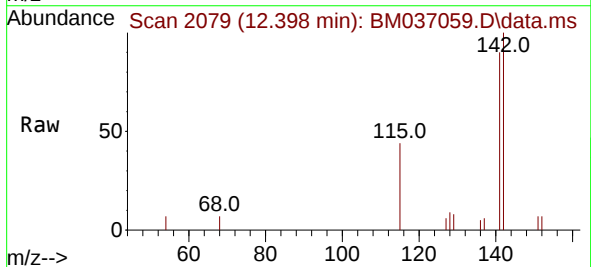
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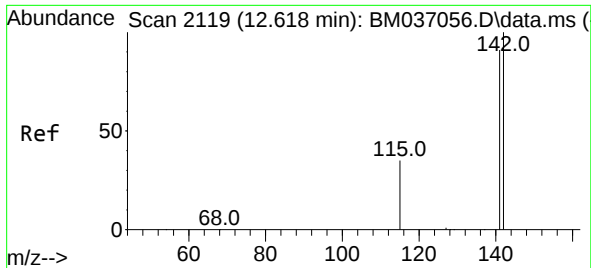
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

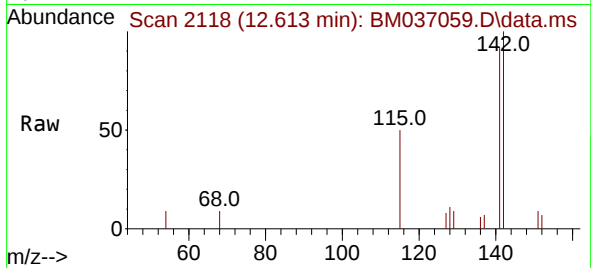
Tgt Ion:142 Resp: 2094
Ion Ratio Lower Upper
142 100
141 86.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

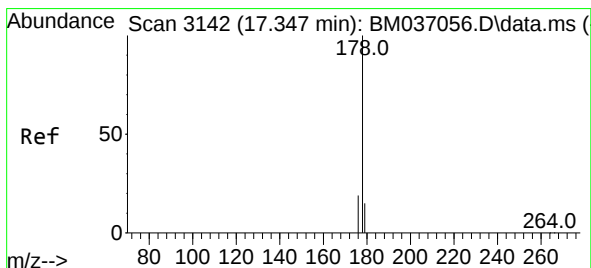
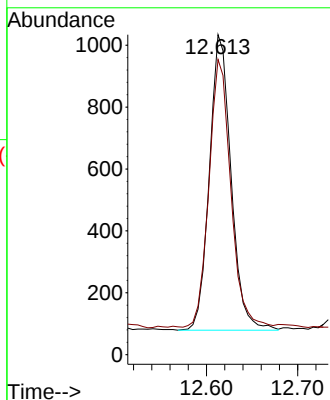
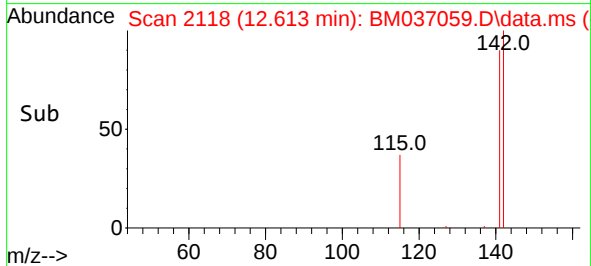
Instrument :
BNA_M
ClientSampleId :
C0BD4DL



Tgt Ion:142 Resp: 1578
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1

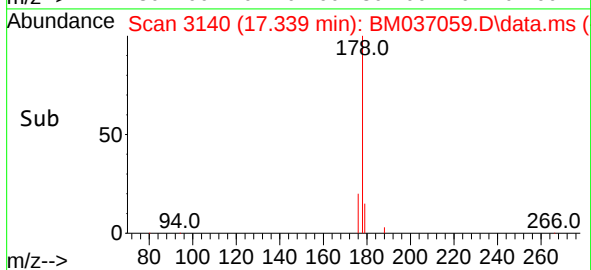
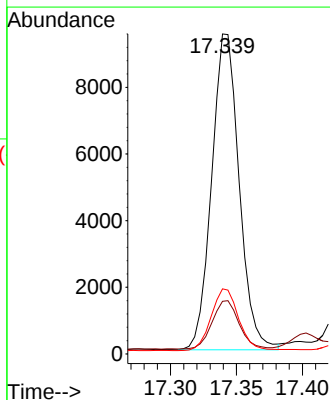
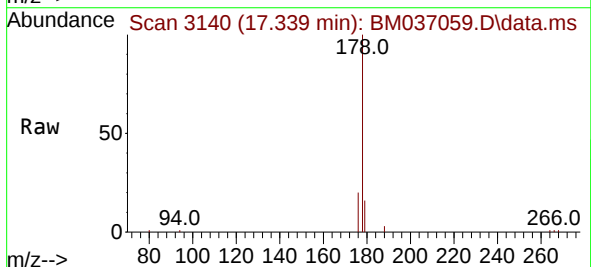
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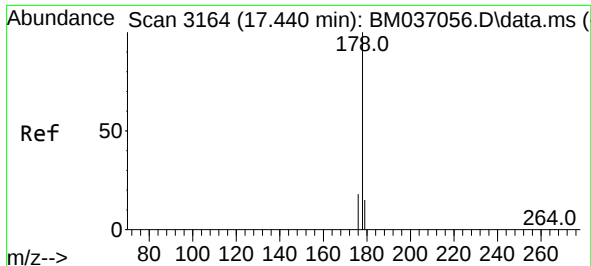
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#15
Phenanthrene
Concen: 0.194 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

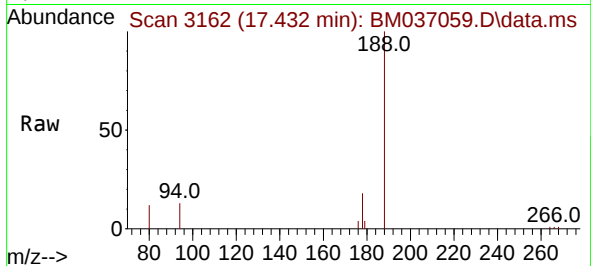
Tgt Ion:178 Resp: 13743
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.3 15.6 23.4





#16
 Anthracene
 Concen: 0.038 ng/u1
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.004 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

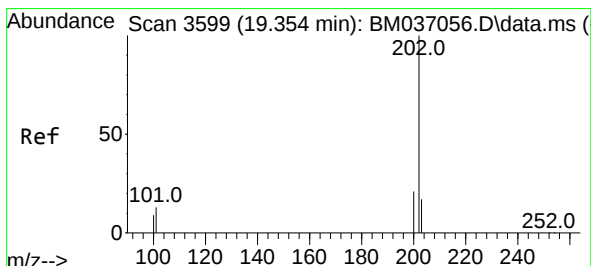
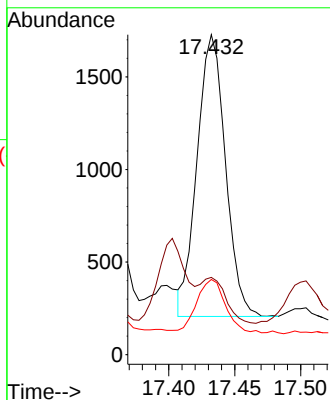
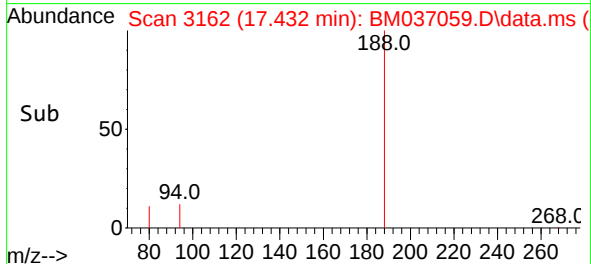
Instrument :
 BNA_M
 ClientSampleId :
 C0BD4DL



Tgt Ion:178 Resp: 2278
 Ion Ratio Lower Upper
 178 100
 179 24.1 13.6 20.4
 176 23.5 15.6 23.4

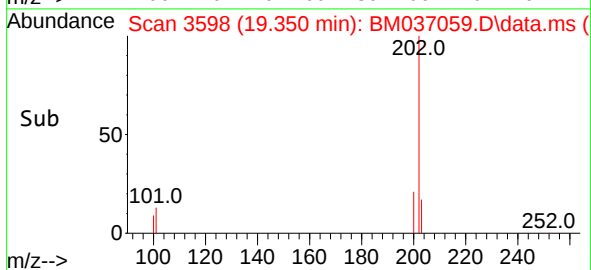
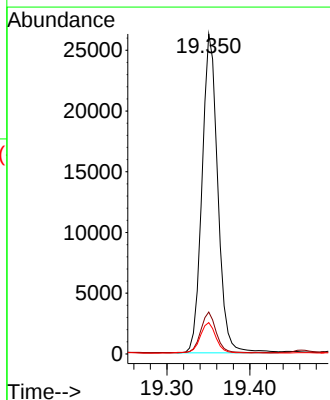
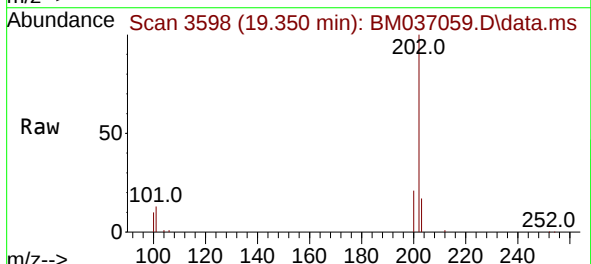
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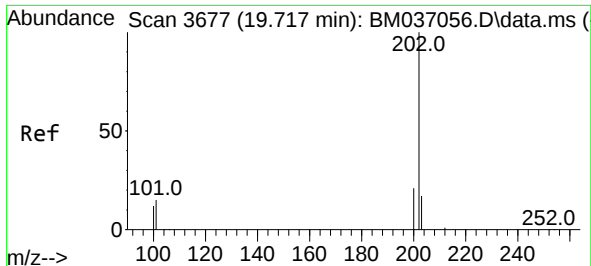
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022



#19
 Fluoranthene
 Concen: 0.646 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

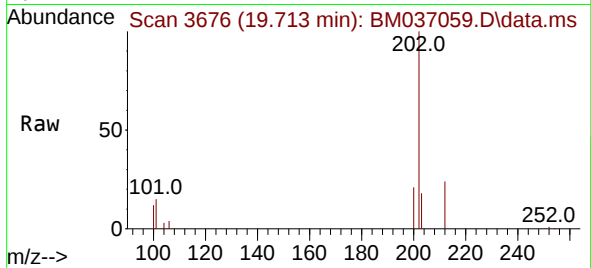
Tgt Ion:202 Resp: 34696
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.1 15.1
 100 9.8 7.9 11.9





#20
Pyrene
Concen: 0.634 ng/ul m
RT: 19.713 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

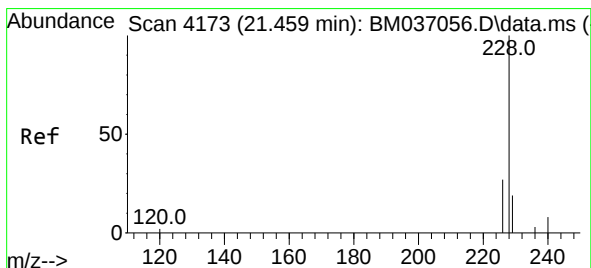
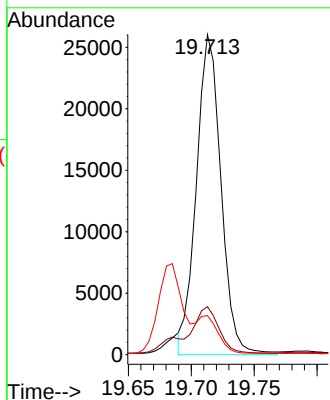
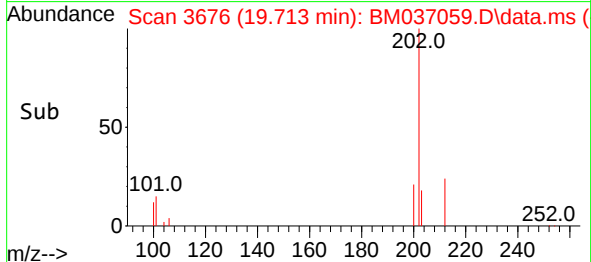
Instrument :
BNA_M
ClientSampleId :
C0BD4DL



Tgt Ion:202 Resp: 3548
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 12.2 9.8 14.6

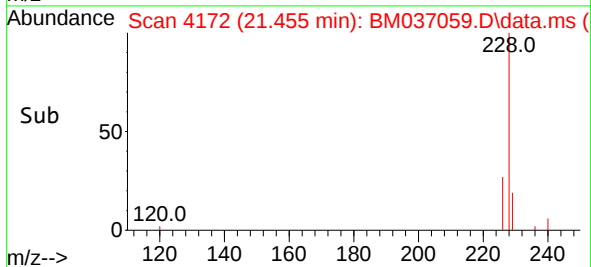
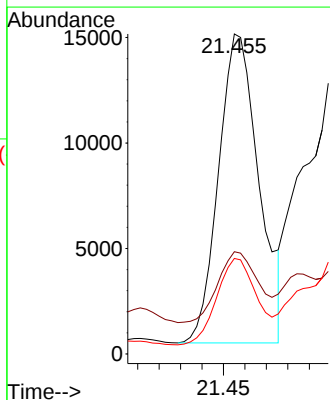
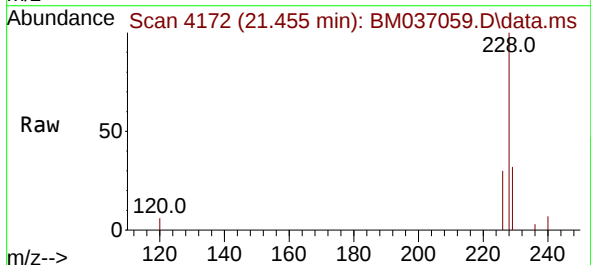
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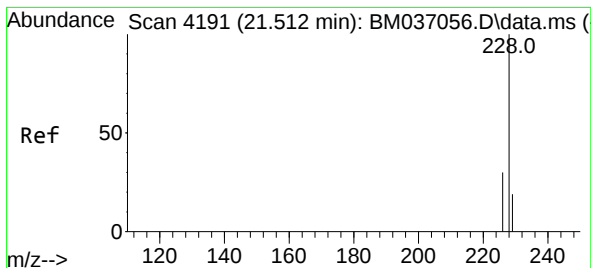
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

Tgt Ion:228 Resp: 19147
Ion Ratio Lower Upper
228 100
229 31.9 16.2 24.2#
226 29.9 22.5 33.7





#22

Chrysene

Concen: 0.629 ng/ul

RT: 21.508 min Scan# 4191

Delta R.T. -0.003 min

Lab File: BM037059.D

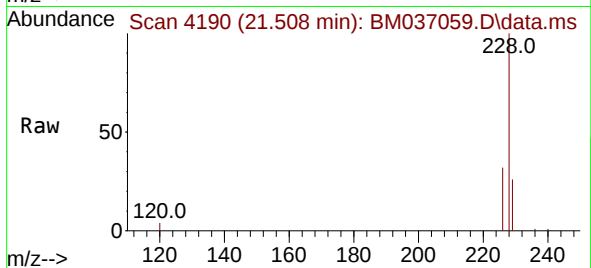
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Instrument :

BNA_M

ClientSampleId :

C0BD4DL



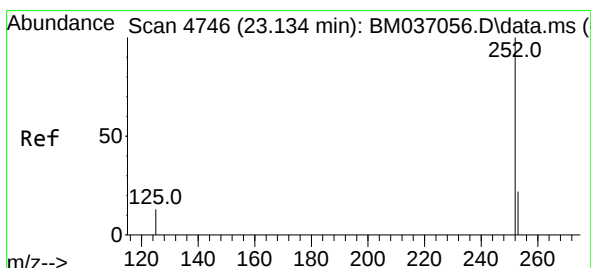
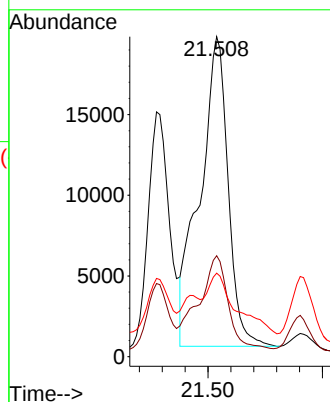
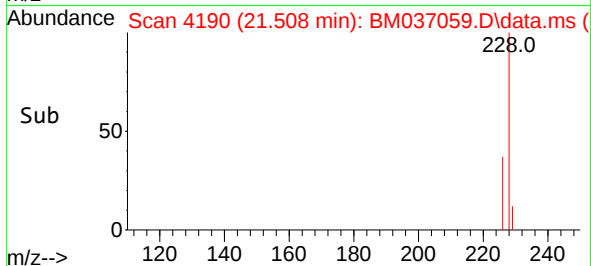
Tgt Ion:	228	Resp:	3291
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.6	37.0
229	26.1	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 10/16/2022



#24

Benzo(b)fluoranthene

Concen: 0.602 ng/ul

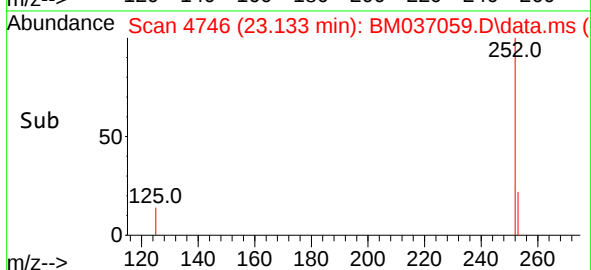
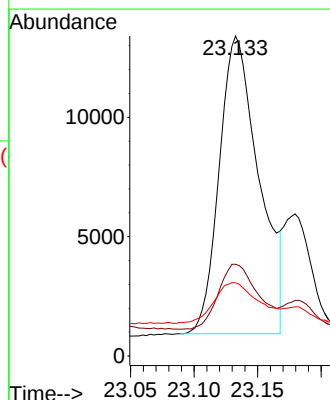
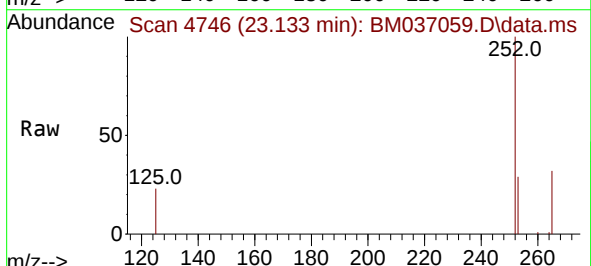
RT: 23.133 min Scan# 4746

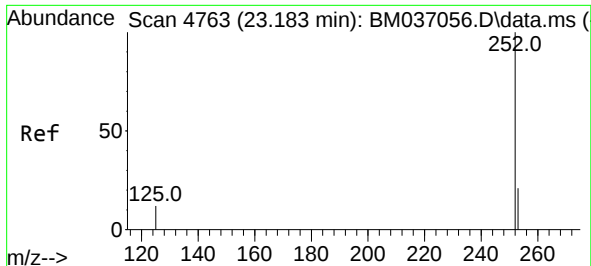
Delta R.T. -0.003 min

Lab File: BM037059.D

Acq: 14 Oct 2022 18:31

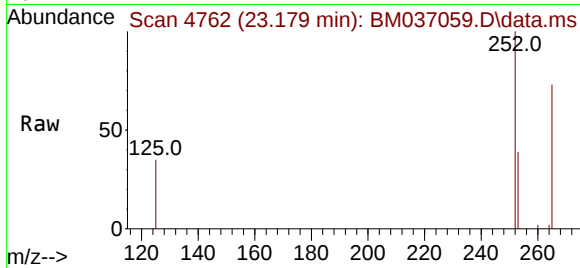
Tgt Ion:	252	Resp:	27190
Ion Ratio	Lower	Upper	
252	100		
253	28.6	0.0	61.4
125	22.9	0.0	42.6





#25
Benzo(k)fluoranthene
Concen: 0.184 ng/ul m
RT: 23.179 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

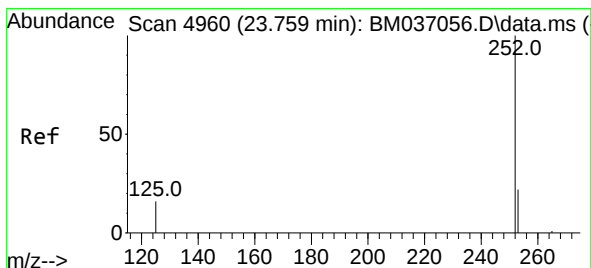
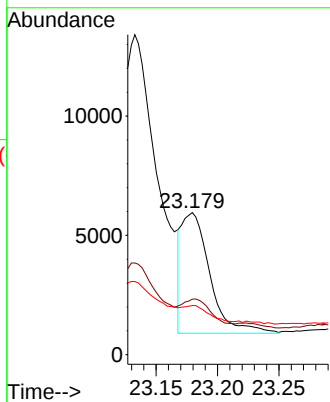
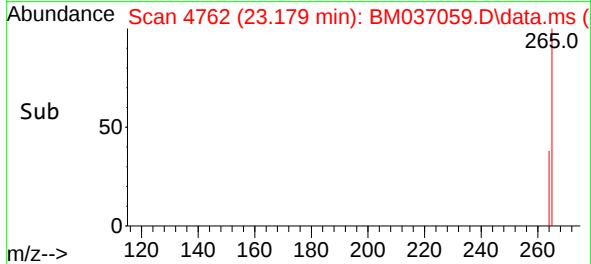
Instrument :
BNA_M
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C0BD4DL



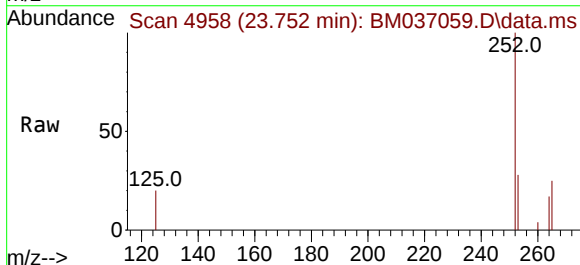
Tgt Ion:252 Resp: 8080
Ion Ratio Lower Upper
252 100
253 39.0 25.2 37.8#
125 34.6 18.3 27.5#

Manual Integrations
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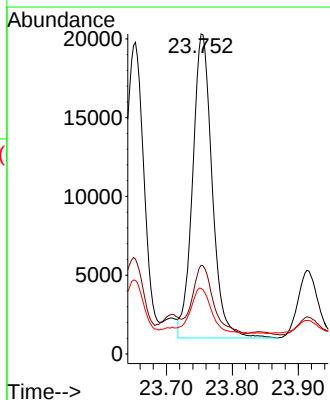
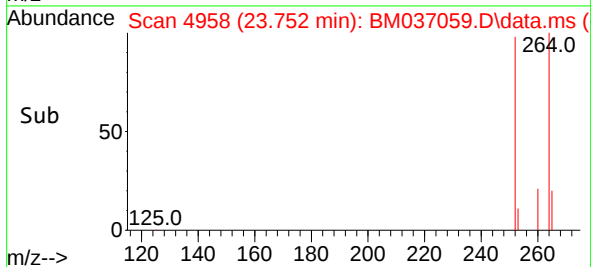
Reviewed By :Yogesh Patel 10/15/2022
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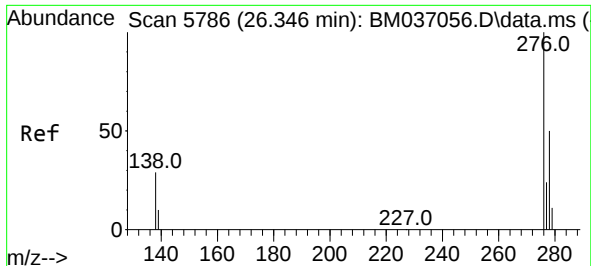


#26
Benzo(a)pyrene
Concen: 1.086 ng/ul
RT: 23.752 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31



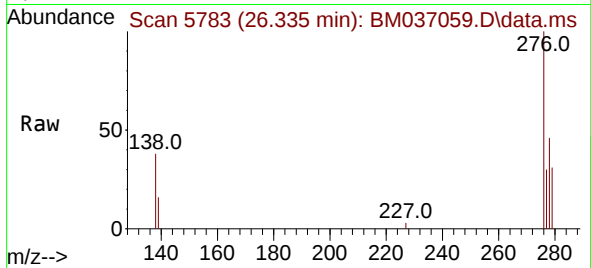
Tgt Ion:252 Resp: 39759
Ion Ratio Lower Upper
252 100
253 27.7 29.7 44.5#
125 20.5 23.6 35.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.252 ng/ul
 RT: 26.335 min Scan# 5786
 Delta R.T. -0.007 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31

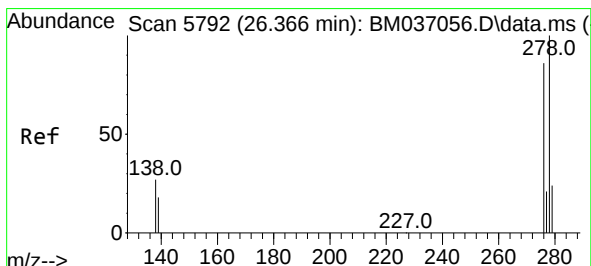
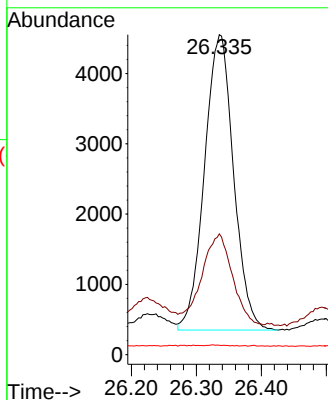
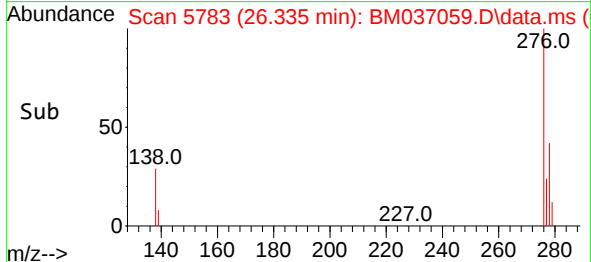
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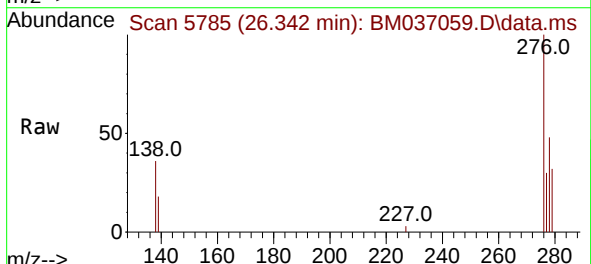
Tgt Ion:276 Resp: 1307
 Ion Ratio Lower Upper
 276 100
 138 32.0 23.9 35.9
 227 0.2 0.1 0.1

Manual Integrations
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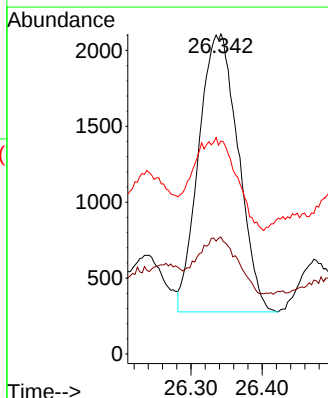
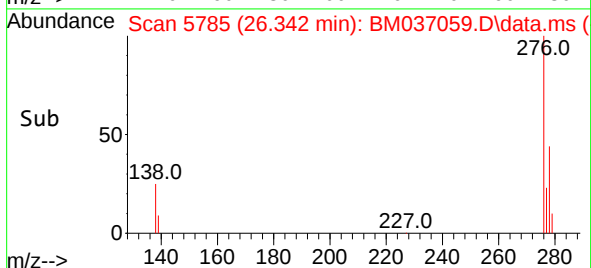
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

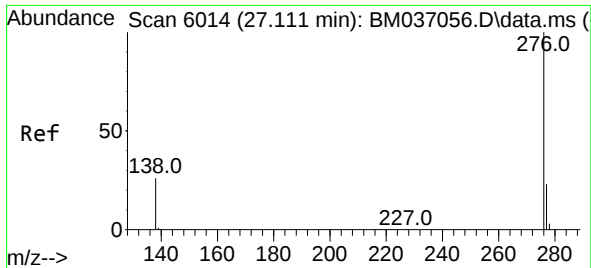


#28
 Dibenzo(a,h)anthracene
 Concen: 0.168 ng/ul
 RT: 26.342 min Scan# 5785
 Delta R.T. -0.020 min
 Lab File: BM037059.D
 Acq: 14 Oct 2022 18:31



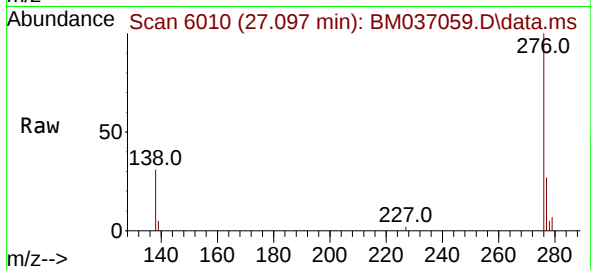
Tgt Ion:278 Resp: 7048
 Ion Ratio Lower Upper
 278 100
 139 36.6 19.8 29.6#
 279 66.6 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.527 ng/ul
RT: 27.097 min Scan# 6010
Delta R.T. -0.010 min
Lab File: BM037059.D
Acq: 14 Oct 2022 18:31

Instrument :
BNA_M
ClientSampleId :
C0BD4DL



Tgt Ion: 276 Resp: 24079
Ion Ratio Lower Upper
276 100
138 31.4 23.4 35.0
277 26.9 21.0 31.4

Manual Integrations
APPROVED

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