

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037033.D
 Acq On : 14 Oct 2022 01:18
 Operator : CG/JU
 Sample : N5024-10DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 02:01:13 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7972	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	28356	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.566	164	15384	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	29561	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	17538	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	13824	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	7107	0.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	1763	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	3159	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	13142	0.162	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	12813	0.258	ng/ul	92
8) 1-Methylnaphthalene	12.618	142	10472	0.208	ng/ul	100
10) Acenaphthylene	14.288	152	2415	0.038	ng/ul#	77
11) Acenaphthene	14.626	153	2691	0.048	ng/ul	97
12) Fluorene	15.611	166	3066	0.049	ng/ul#	93
15) Phenanthrene	17.347	178	68080	0.721	ng/ul	99
16) Anthracene	17.436	178	8430	0.107	ng/ul	98
19) Fluoranthene	19.354	202	66406	0.952	ng/ul	99
20) Pyrene	19.717	202	56203	0.773	ng/ul	98
21) Benzo(a)anthracene	21.456	228	22263	0.351	ng/ul	98
22) Chrysene	21.509	228	23975	0.352	ng/ul	97
24) Benzo(b)fluoranthene	23.136	252	26848	0.435	ng/ul	95
25) Benzo(k)fluoranthene	23.177	252	9948m	0.165	ng/ul	
26) Benzo(a)pyrene	23.756	252	17829	0.356	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.339	276	12484	0.176	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.350	278	3153	0.055	ng/ul#	67
29) Benzo(g,h,i)perylene	27.111	276	11319	0.181	ng/ul	97

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

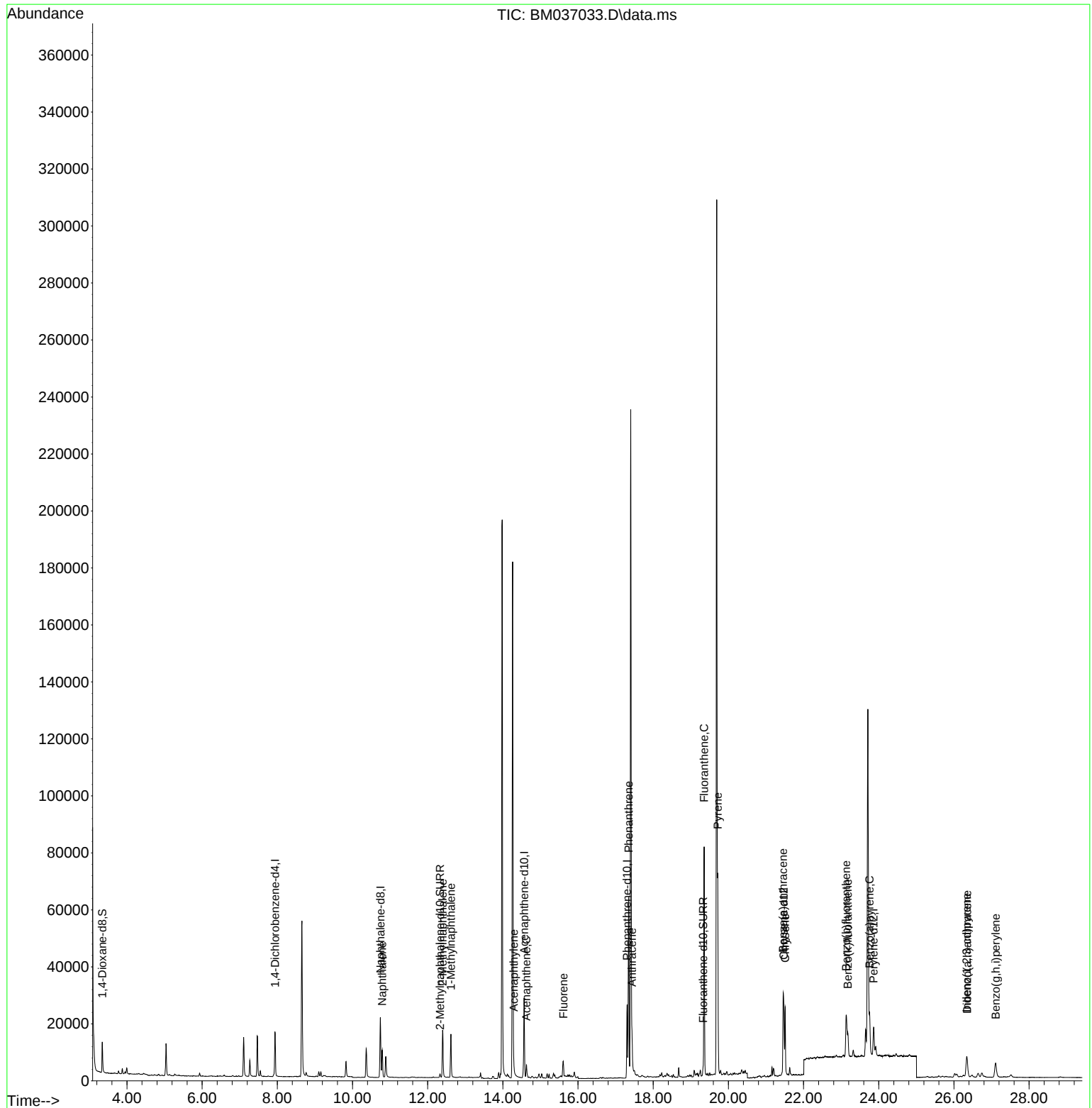
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037033.D
Acq On : 14 Oct 2022 01:18
Operator : CG/JU
Sample : N5024-10DL 5X
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ALS Vial : 27 Sample Multiplier: 1

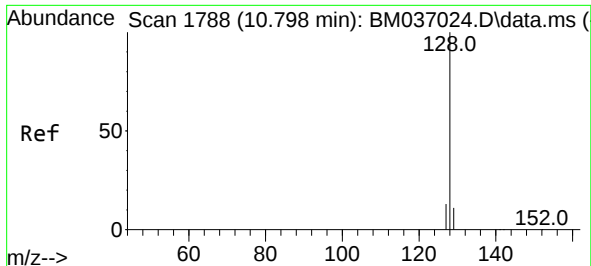
Instrument :
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C0BP9DL

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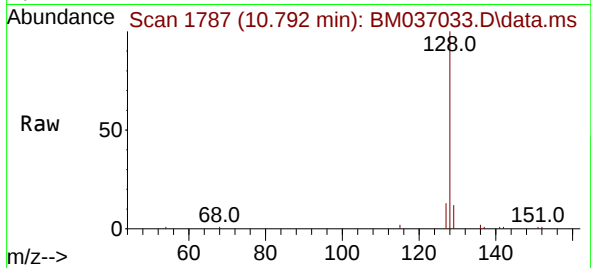
Quant Time: Oct 14 02:01:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.162 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

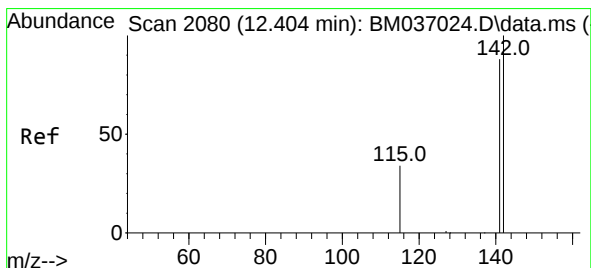
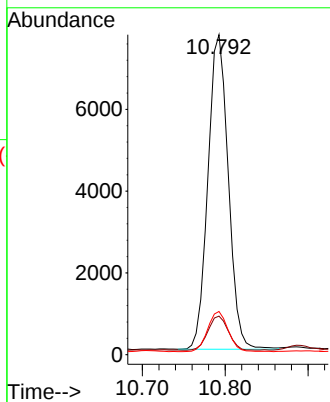
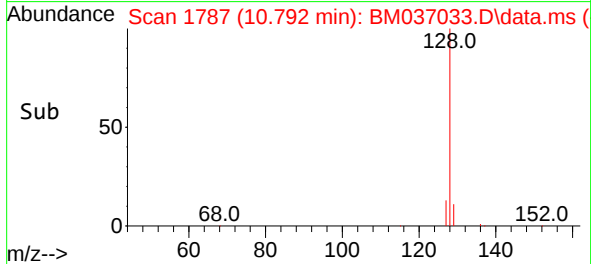
Instrument :
BNA_M
ClientSampleId :
C0BP9DL



Tgt Ion:128 Resp: 1314
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 13.5 11.7 17.5

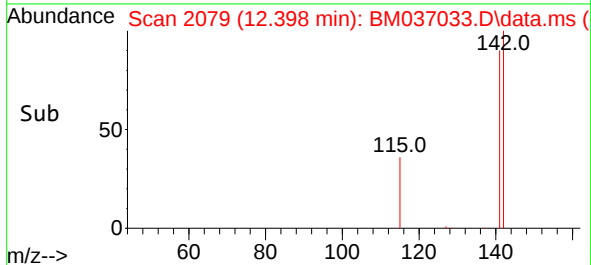
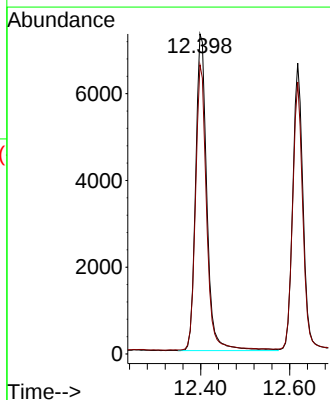
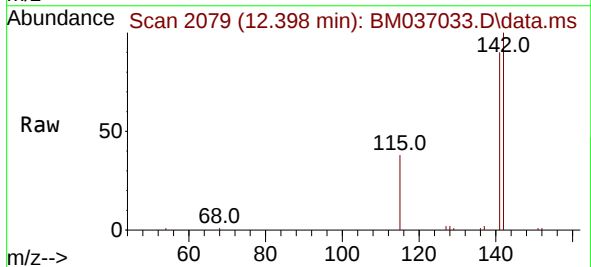
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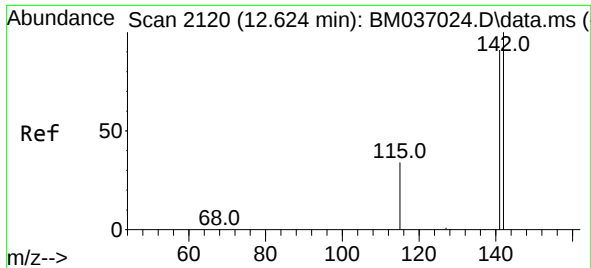
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.016 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

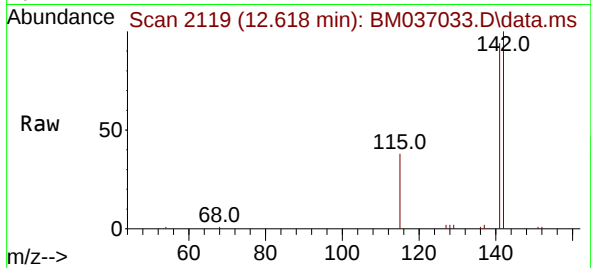
Tgt Ion:142 Resp: 12813
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

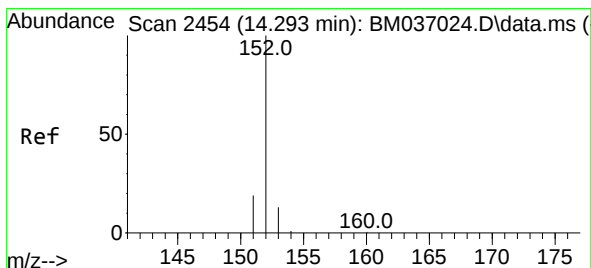
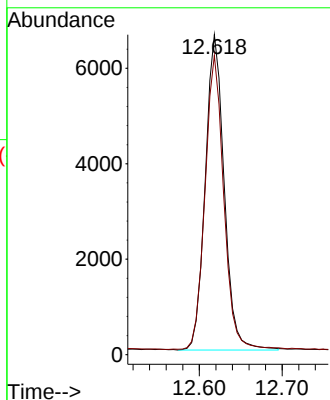
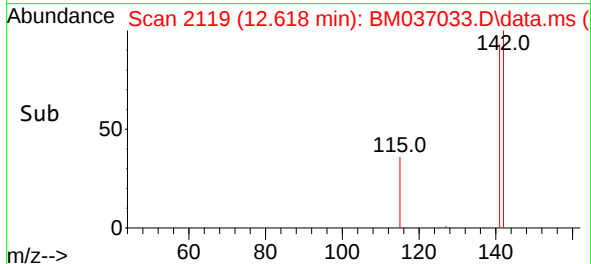
Instrument :
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ClientSampleId :
C0BP9DL



Tgt Ion:142 Resp: 10472
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

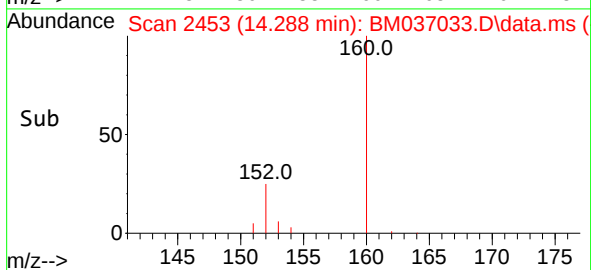
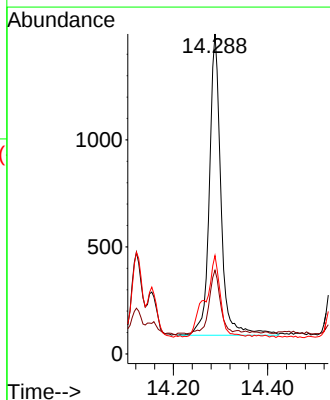
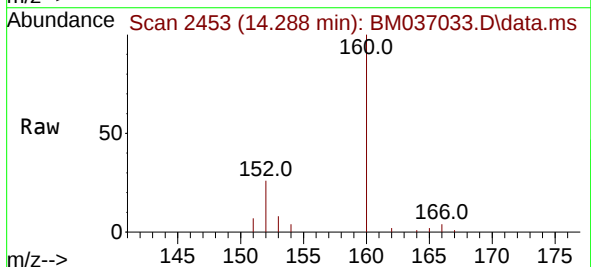
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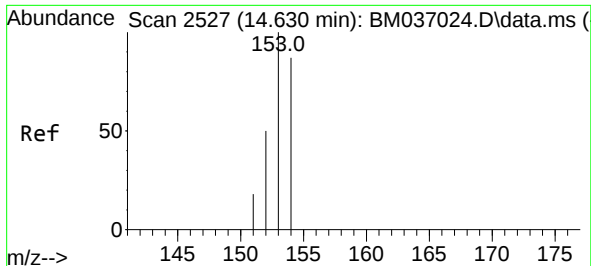
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

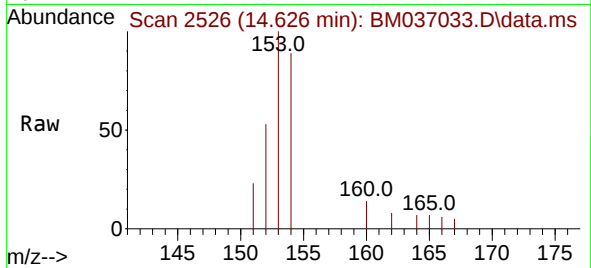
Tgt Ion:152 Resp: 2415
Ion Ratio Lower Upper
152 100
151 26.2 16.6 24.8#
153 30.8 11.4 17.0#





#11
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.626 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

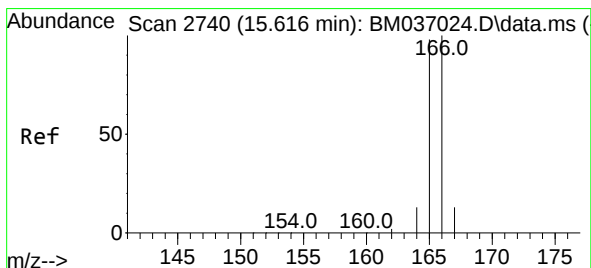
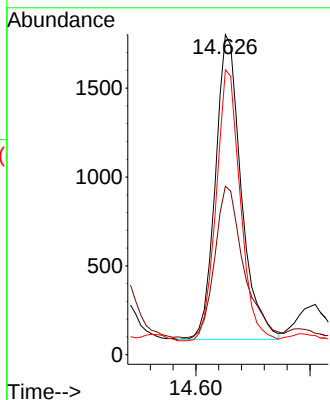
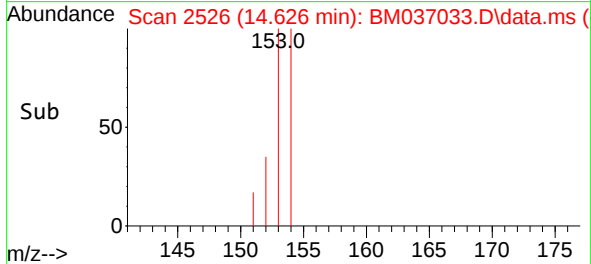
Instrument :
BNA_M
ClientSampleId :
C0BP9DL



Tgt Ion:153 Resp: 269
Ion Ratio Lower Upper
153 100
152 52.6 40.2 60.4
154 89.1 69.7 104.5

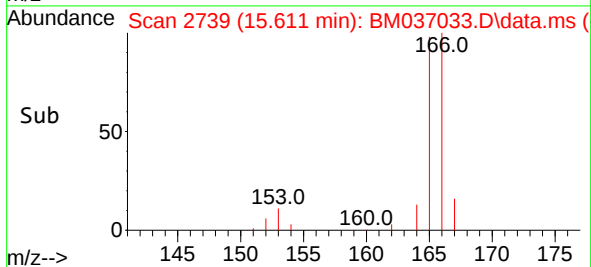
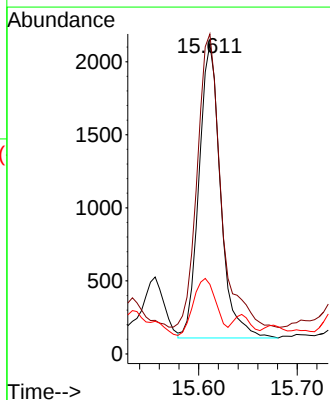
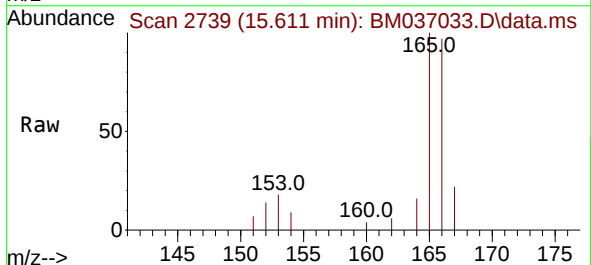
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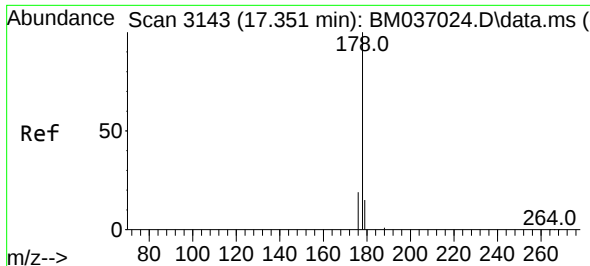
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.049 ng/u1
RT: 15.611 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

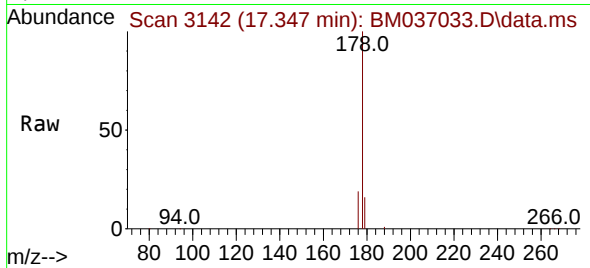
Tgt Ion:166 Resp: 3066
Ion Ratio Lower Upper
166 100
165 103.2 78.9 118.3
167 22.4 11.3 16.9#





#15
Phenanthrene
Concen: 0.721 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

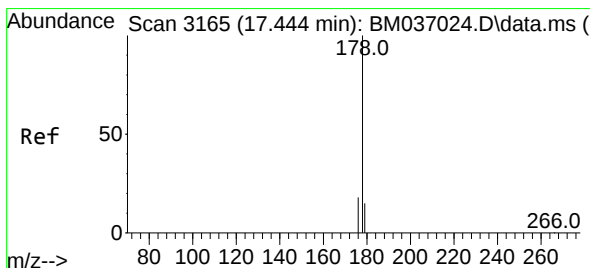
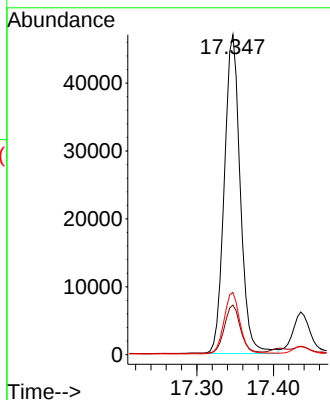
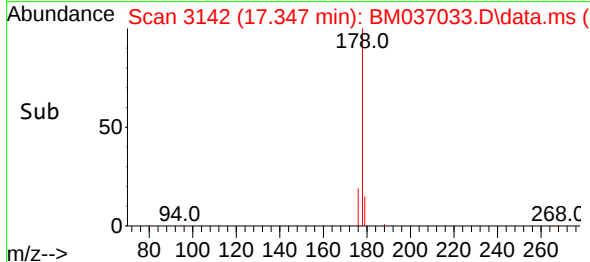
Instrument :
BNA_M
ClientSampleId :
C0BP9DL



Tgt Ion:178 Resp: 68080
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.5 15.6 23.4

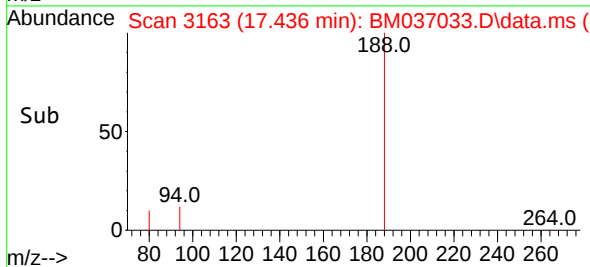
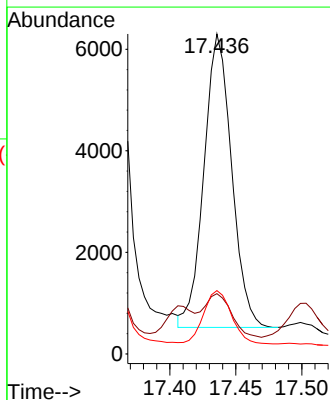
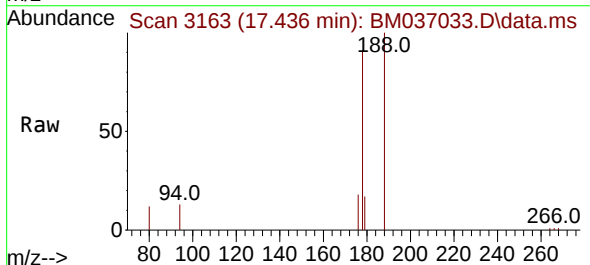
Manual Integrations
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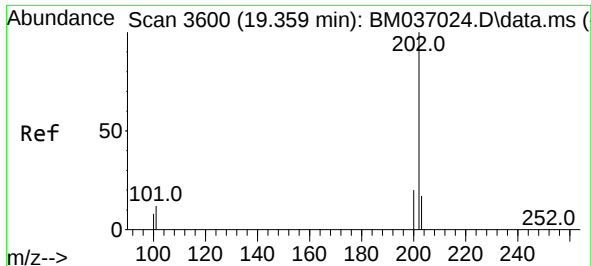
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

Tgt Ion:178 Resp: 8430
Ion Ratio Lower Upper
178 100
179 18.9 13.6 20.4
176 19.8 15.6 23.4





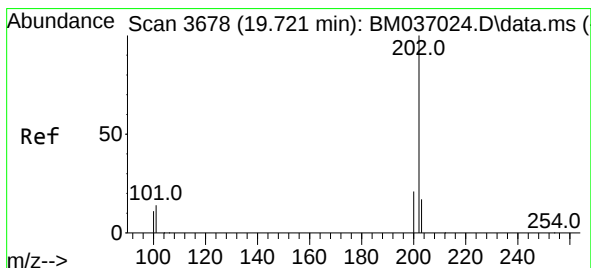
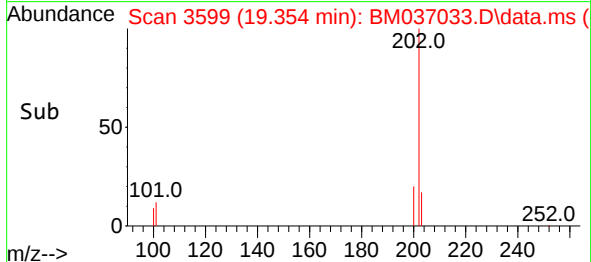
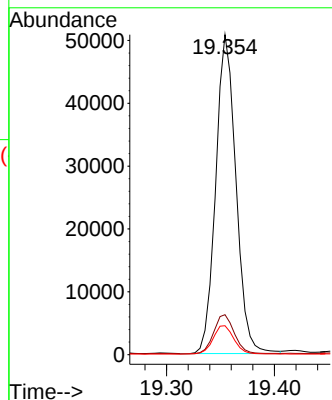
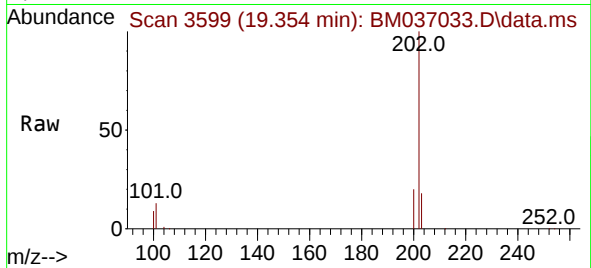
#19
Fluoranthene
Concen: 0.952 ng/u1
RT: 19.354 min Scan# 3599
Delta R.T. -0.009 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

Instrument :
BNA_M
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Tgt Ion:202 Resp: 66400
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.1 7.9 11.9

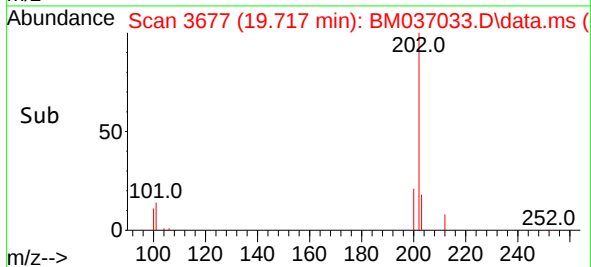
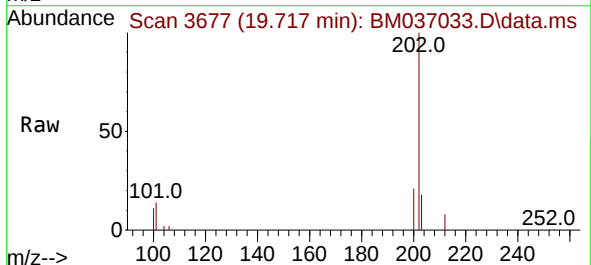
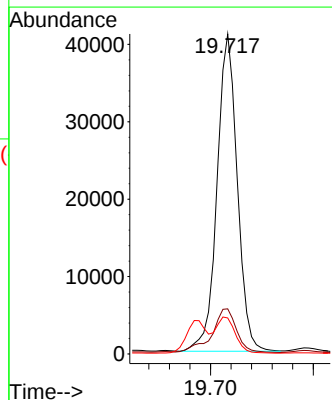
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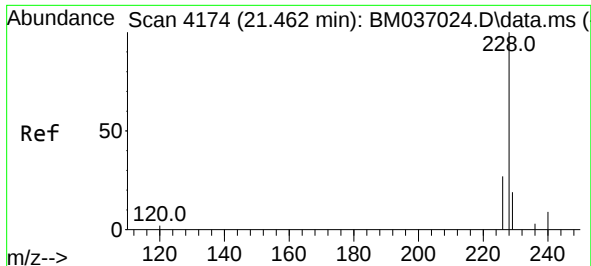
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#20
Pyrene
Concen: 0.773 ng/u1
RT: 19.717 min Scan# 3677
Delta R.T. -0.009 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

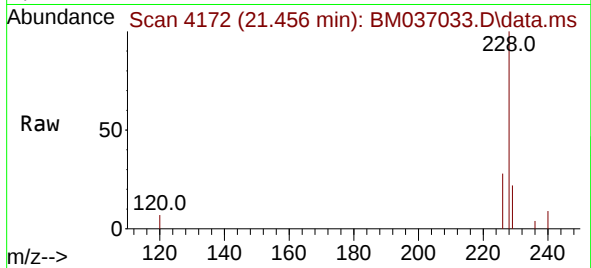
Tgt Ion:202 Resp: 56203
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.351 ng/u1
RT: 21.456 min Scan# 4174
Delta R.T. -0.012 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

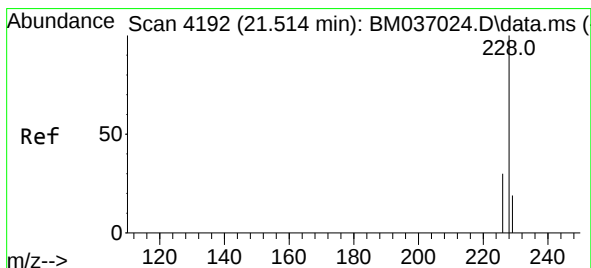
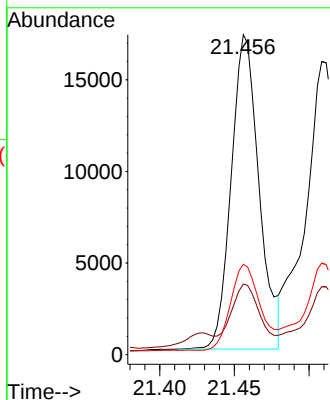
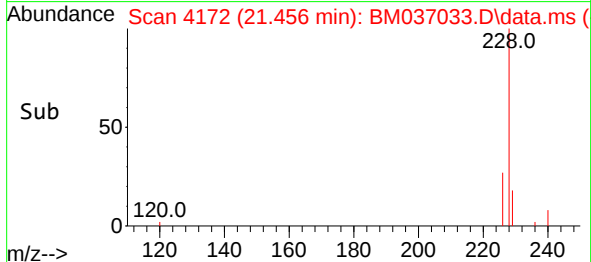
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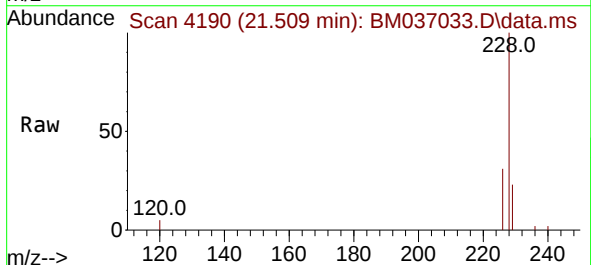
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Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.2
226 28.2 22.5 33.7

Manual Integrations
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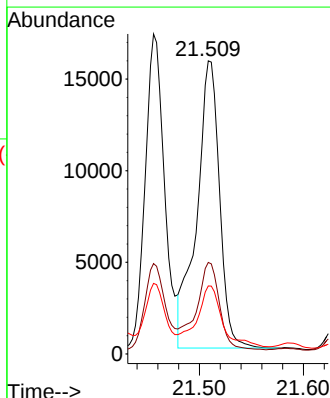
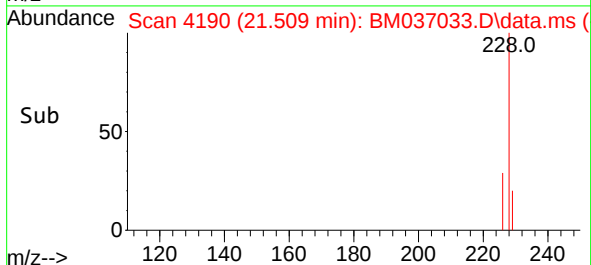
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

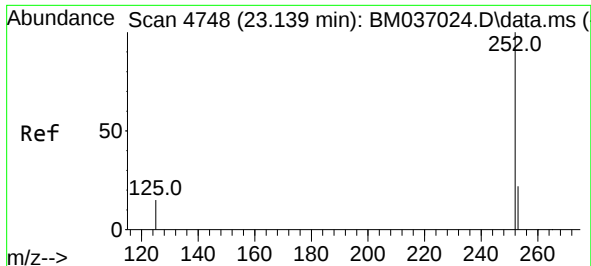


#22
Chrysene
Concen: 0.352 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.012 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18



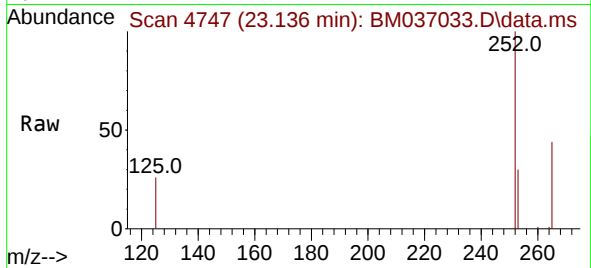
Tgt Ion:228 Resp: 23975
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 23.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.435 ng/ul
RT: 23.136 min Scan# 4748
Delta R.T. -0.009 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

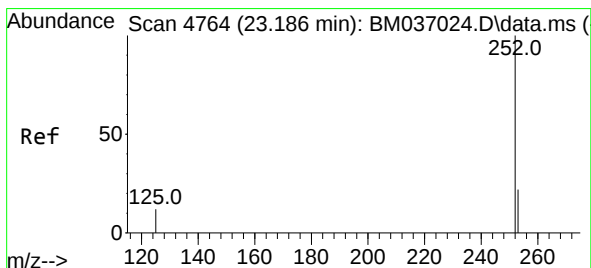
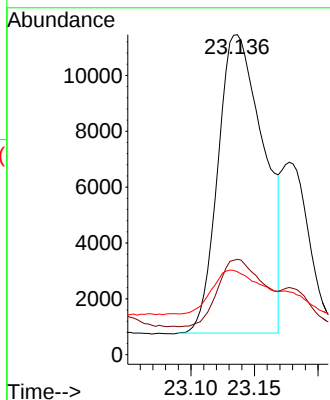
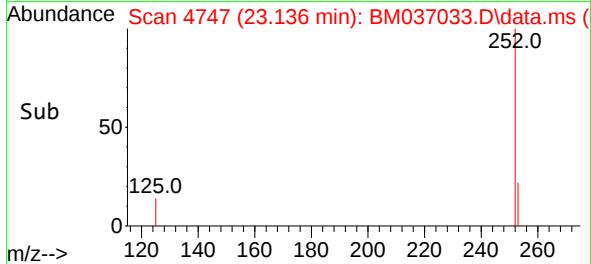
Instrument :
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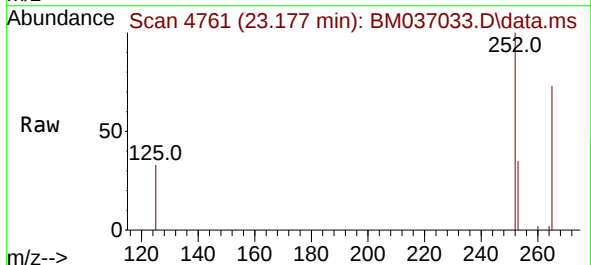
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Ion Ratio Lower Upper
252 100
253 29.8 0.0 61.4
125 25.9 0.0 42.6

Manual Integrations
APPROVED

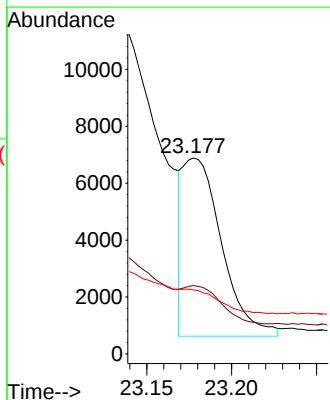
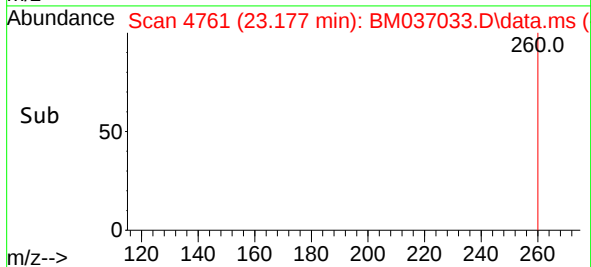
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

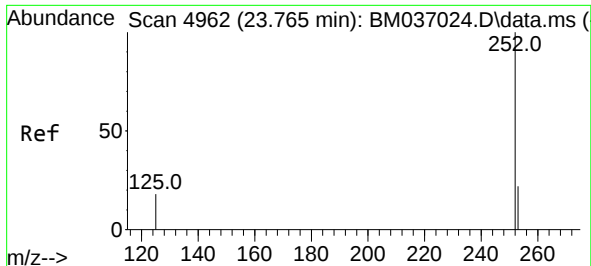


#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18



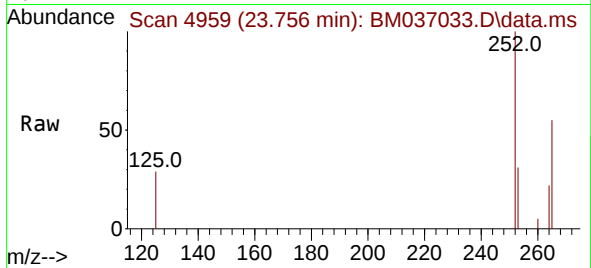
Tgt Ion:252 Resp: 9948
Ion Ratio Lower Upper
252 100
253 35.0 25.2 37.8
125 32.6 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. -0.015 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18

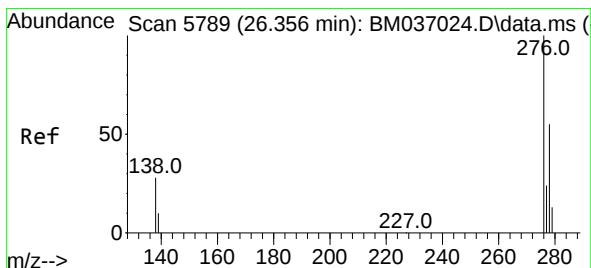
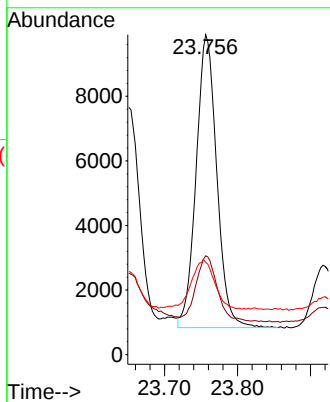
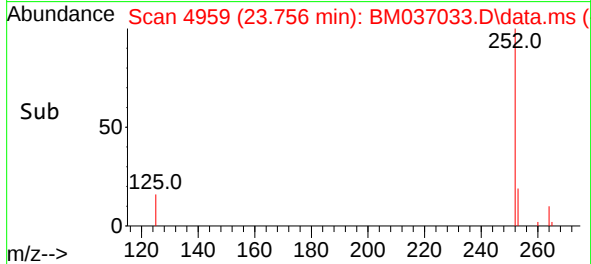
Instrument :
BNA_M
ClientSampleId :
C0BP9DL



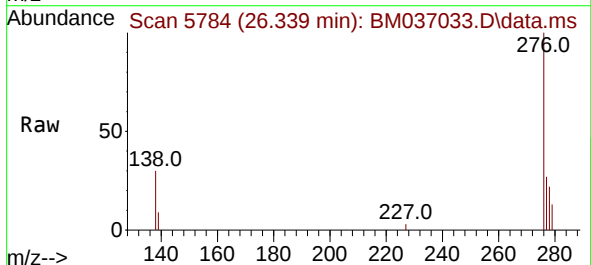
Tgt Ion:252 Resp: 17829
Ion Ratio Lower Upper
252 100
253 30.9 29.7 44.5
125 28.8 23.6 35.4

Manual Integrations
APPROVED

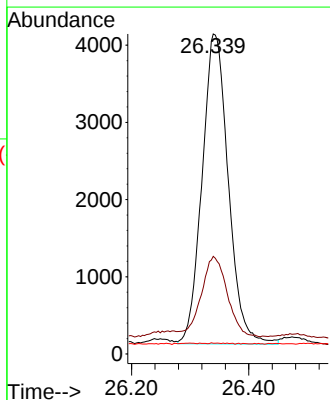
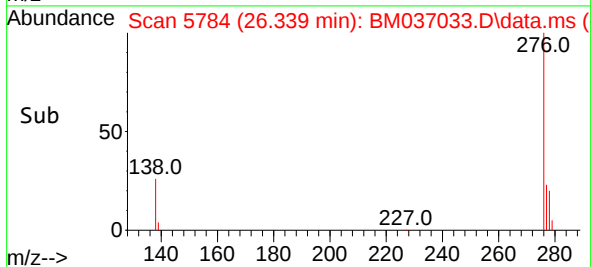
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

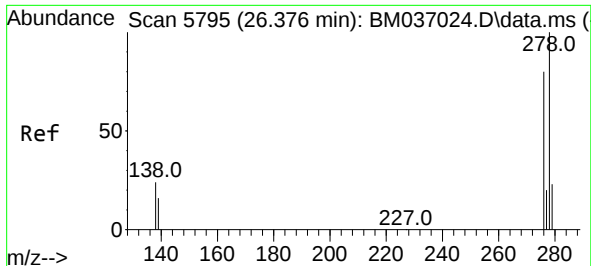


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.023 min
Lab File: BM037033.D
Acq: 14 Oct 2022 01:18



Tgt Ion:276 Resp: 12484
Ion Ratio Lower Upper
276 100
138 25.6 23.9 35.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.055 ng/ul

RT: 26.350 min Scan# 51

Delta R.T. -0.030 min

Lab File: BM037033.D

Acq: 14 Oct 2022 01:18

Instrument :

BNM

ClientSampleId :

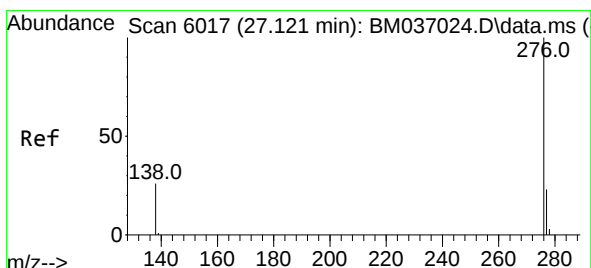
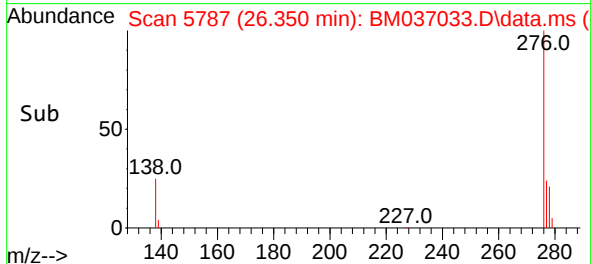
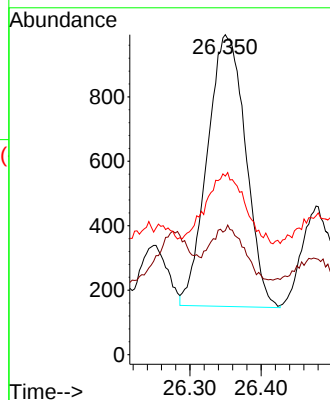
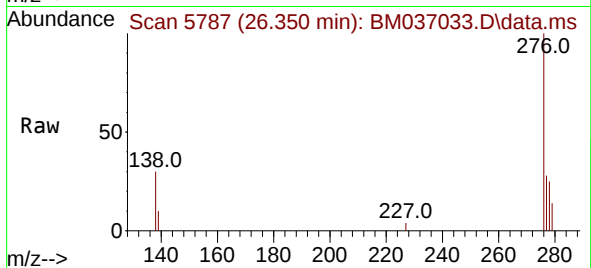
C0BP9DL

Tgt Ion:	278	Resp:	315
Ion Ratio	Lower	Upper	
278	100		
139	38.8	19.8	29.6
279	55.8	27.7	41.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#29

Benzo(g,h,i)perylene

Concen: 0.181 ng/ul

RT: 27.111 min Scan# 6014

Delta R.T. -0.017 min

Lab File: BM037033.D

Acq: 14 Oct 2022 01:18

Tgt Ion:	276	Resp:	11319
Ion Ratio	Lower	Upper	
276	100		
138	31.5	23.4	35.0
277	27.4	21.0	31.4

