

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037142.D
 Acq On : 18 Oct 2022 09:32
 Operator : CG/JU
 Sample : N5023-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 19 01:22:21 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 : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3973	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	14583	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.547	164	7657	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	14532	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	8999	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	7921	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	35979	6.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	7123	0.323	ng/ul	-0.01
18) Fluoranthene-d10	19.313	212	12016	0.446	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.771	128	4268	0.102	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	2083	0.082	ng/ul	94
8) 1-Methylnaphthalene	12.596	142	1632	0.063	ng/ul	98
10) Acenaphthylene	14.270	152	1514	0.048	ng/ul#	83
15) Phenanthrene	17.330	178	15651	0.337	ng/ul	100
16) Anthracene	17.419	178	7064	0.182	ng/ul	98
19) Fluoranthene	19.340	202	43714	1.221	ng/ul	98
20) Pyrene	19.703	202	39793m	1.066	ng/ul	
21) Benzo(a)anthracene	21.447	228	17670	0.543	ng/ul	97
22) Chrysene	21.500	228	17383	0.498	ng/ul	99
24) Benzo(b)fluoranthene	23.122	252	18649	0.527	ng/ul	93
25) Benzo(k)fluoranthene	23.163	252	6514m	0.189	ng/ul	
26) Benzo(a)pyrene	23.742	252	14022	0.488	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.316	276	7947	0.195	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.333	278	2067	0.063	ng/ul#	71
29) Benzo(g,h,i)perylene	27.084	276	6225	0.174	ng/ul	95

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

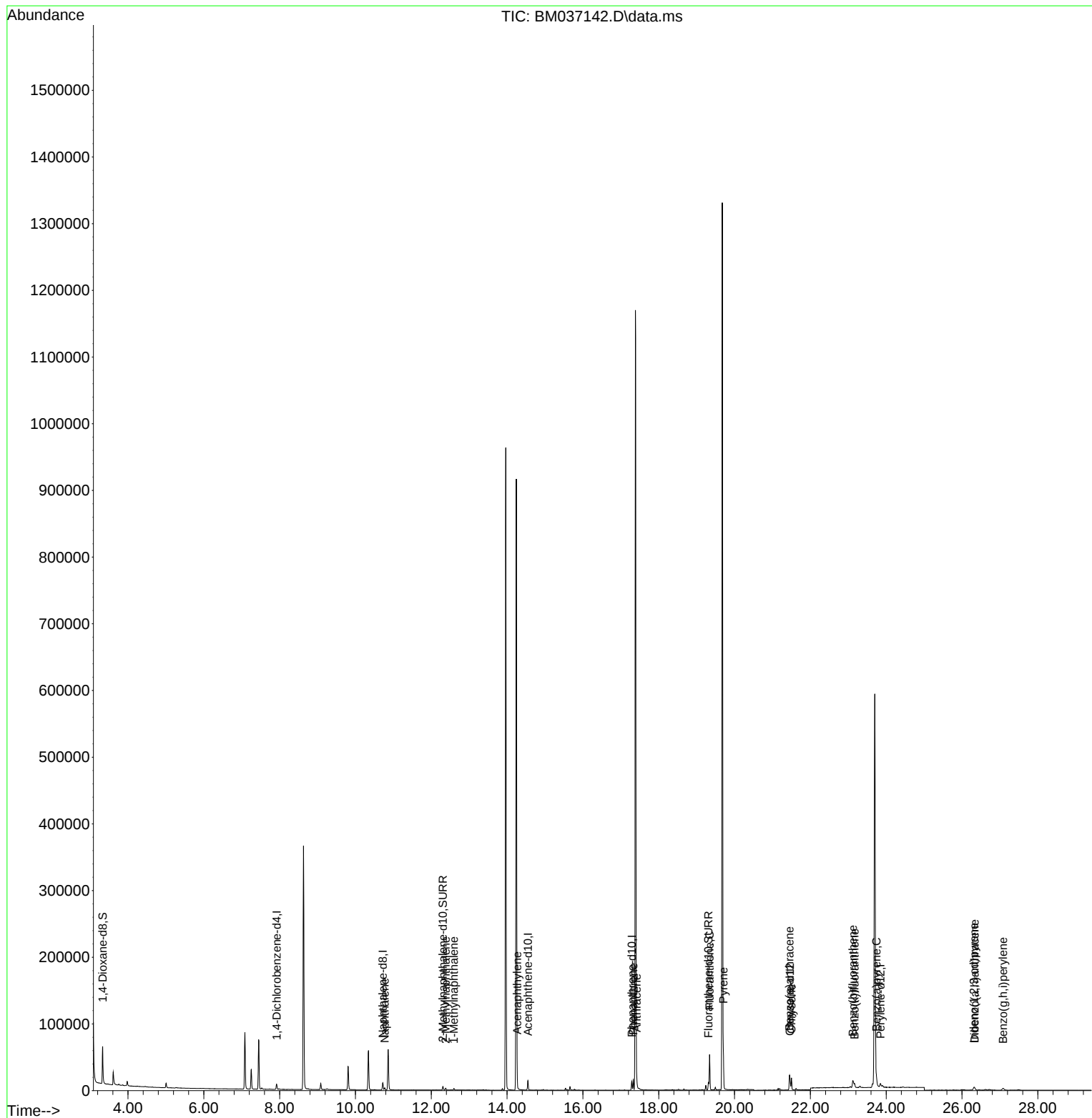
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037142.D
Acq On : 18 Oct 2022 09:32
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Sample : N5023-11
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ALS Vial : 42 Sample Multiplier: 1

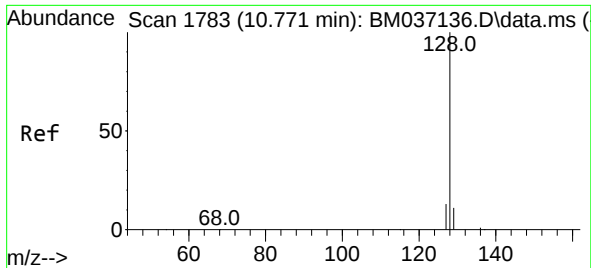
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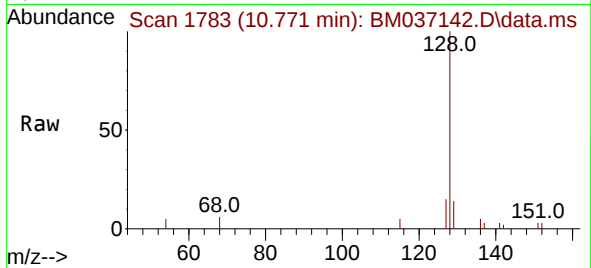
Quant Time: Oct 19 01:22:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

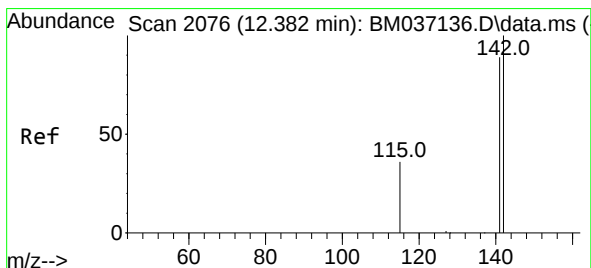
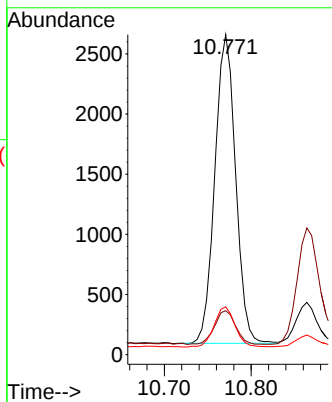
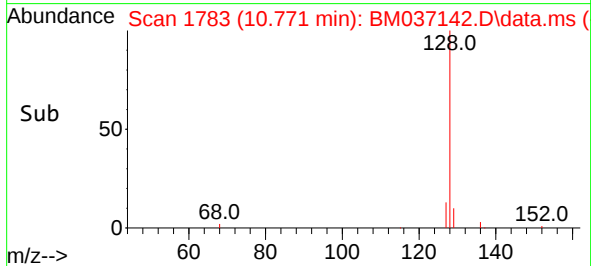
Instrument :
BNA_M
ClientSampleId :
C0BD0



Tgt Ion:128 Resp: 4268
Ion Ratio Lower Upper
128 100
129 13.8 10.2 15.2
127 15.0 11.7 17.5

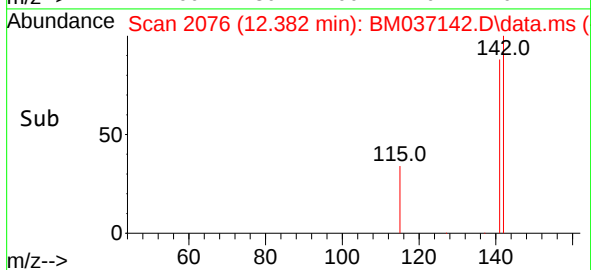
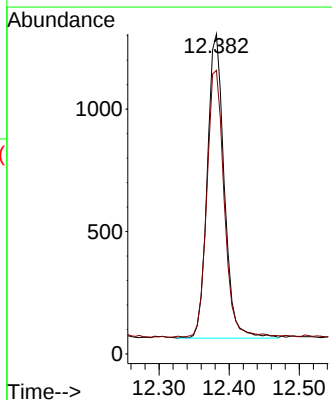
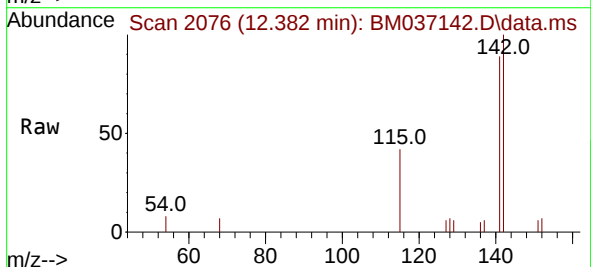
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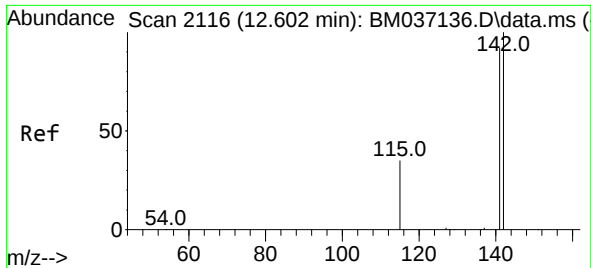
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

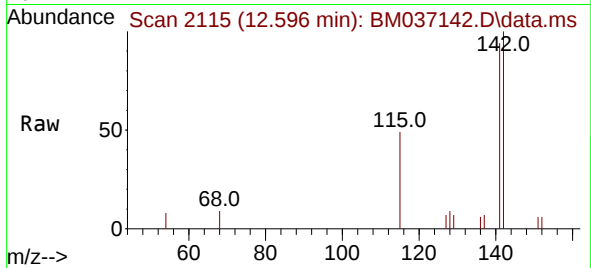
Tgt Ion:142 Resp: 2083
Ion Ratio Lower Upper
142 100
141 91.1 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

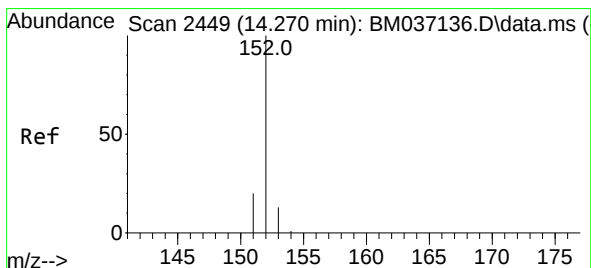
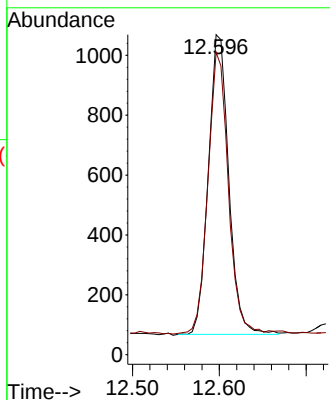
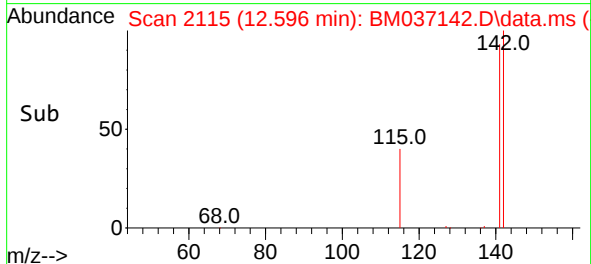
Instrument :
BNA_M
ClientSampleId :
COBD0



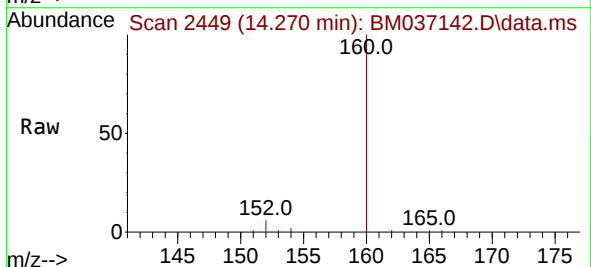
Tgt Ion:142 Resp: 1632
Ion Ratio Lower Upper
142 100
141 94.6 74.1 111.1

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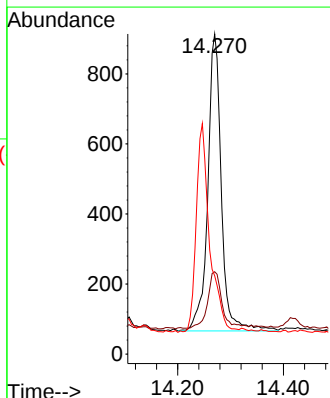
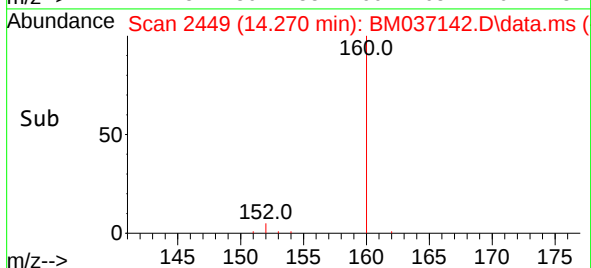
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

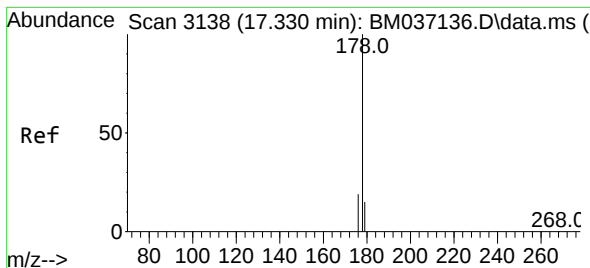


#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32



Tgt Ion:152 Resp: 1514
Ion Ratio Lower Upper
152 100
151 25.7 16.6 24.8#
153 24.5 11.4 17.0#





#15

Phenanthrene

Concen: 0.337 ng/ul

RT: 17.330 min Scan# 3138

Delta R.T. -0.008 min

Lab File: BM037142.D

Acq: 18 Oct 2022 09:32

Instrument :

BNA_M

ClientSampleId :

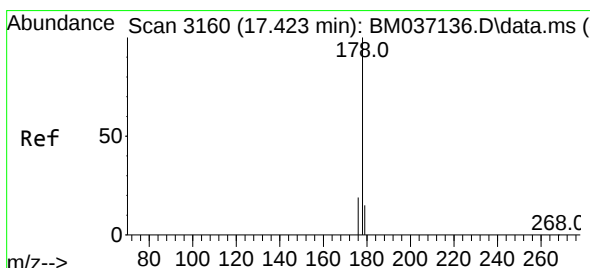
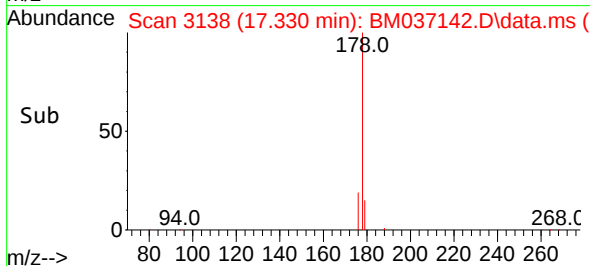
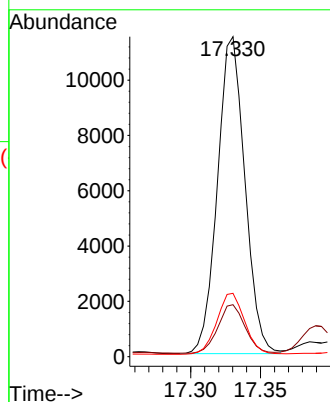
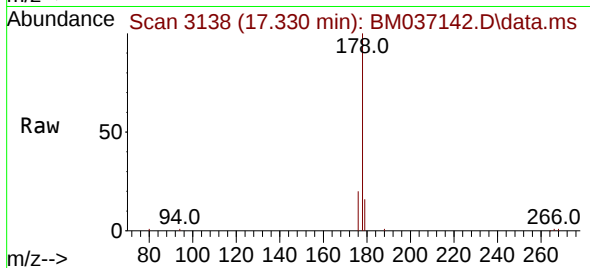
COBD0

Tgt Ion:178	Resp: 1565
Ion Ratio	Lower Upper
178	100
179	16.2 13.0 19.6
176	19.8 15.6 23.4

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#16

Anthracene

Concen: 0.182 ng/ul

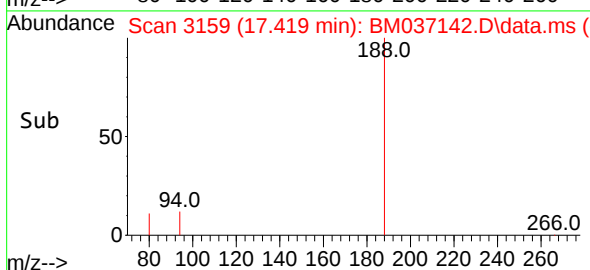
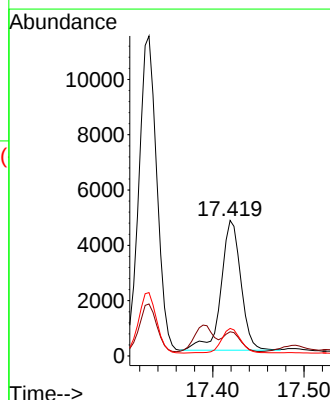
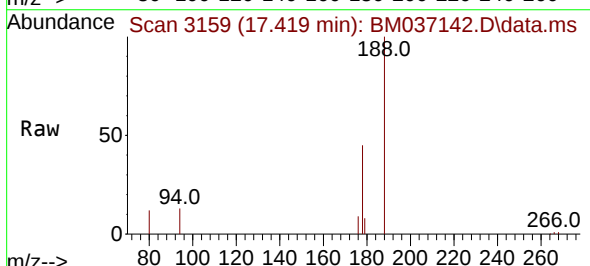
RT: 17.419 min Scan# 3159

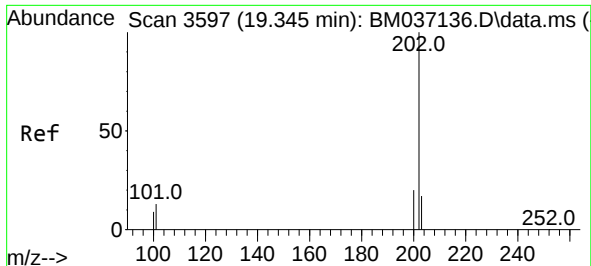
Delta R.T. -0.012 min

Lab File: BM037142.D

Acq: 18 Oct 2022 09:32

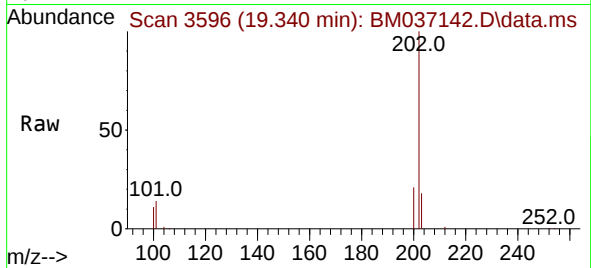
Tgt Ion:178	Resp: 7064
Ion Ratio	Lower Upper
178	100
179	17.9 13.6 20.4
176	20.3 15.6 23.4





#19
Fluoranthene
Concen: 1.221 ng/ul
RT: 19.340 min Scan# 3597
Delta R.T. -0.009 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

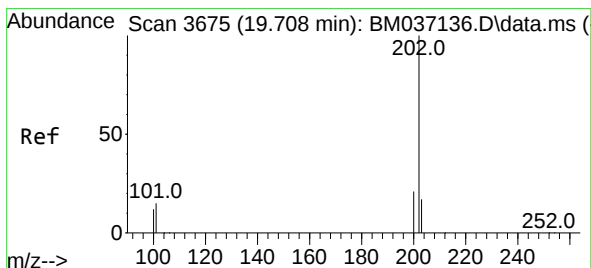
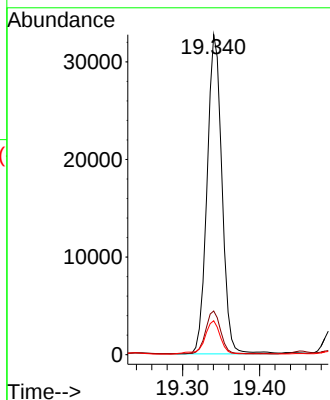
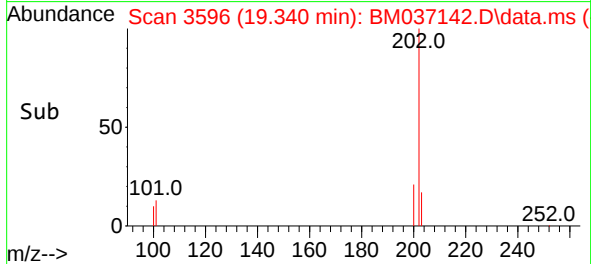
Instrument :
BNA_M
ClientSampleId :
C0BD0



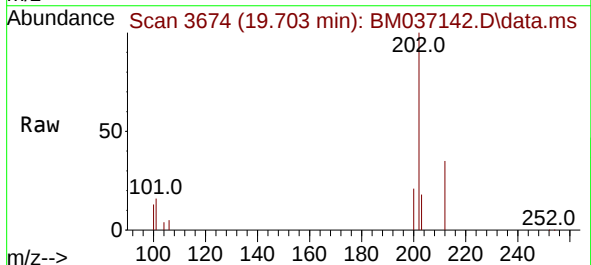
Tgt Ion:202 Resp: 43714
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.6 7.9 11.9

Manual Integrations
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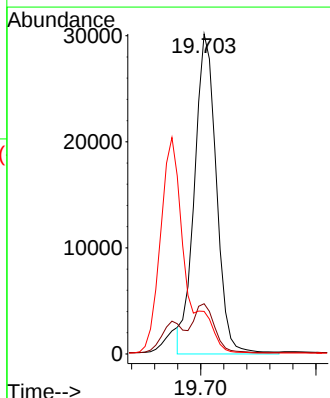
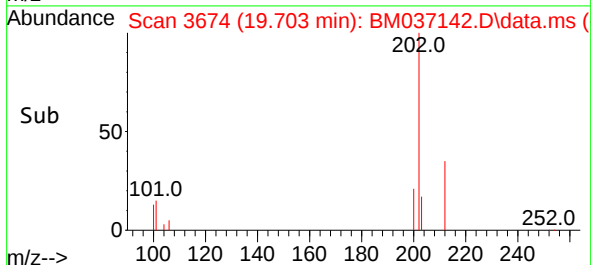
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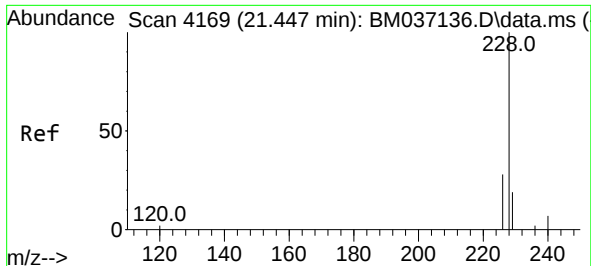


#20
Pyrene
Concen: 1.066 ng/ul m
RT: 19.703 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32



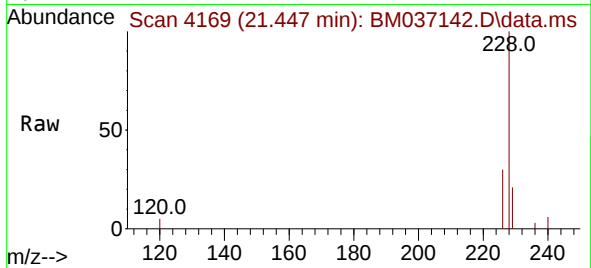
Tgt Ion:202 Resp: 39793
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.543 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

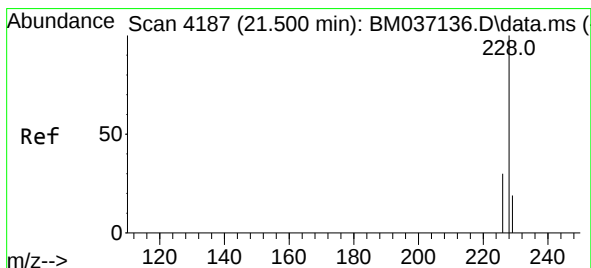
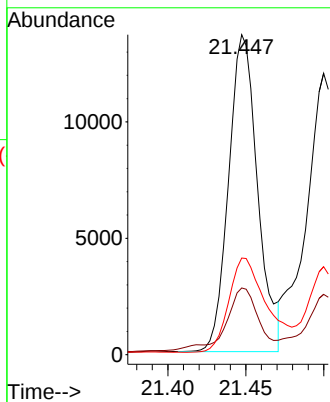
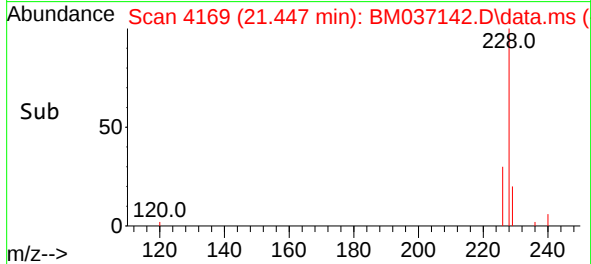
Instrument :
BNA_M
ClientSampleId :
COBD0



Tgt Ion:228 Resp: 17670
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 30.2 22.5 33.7

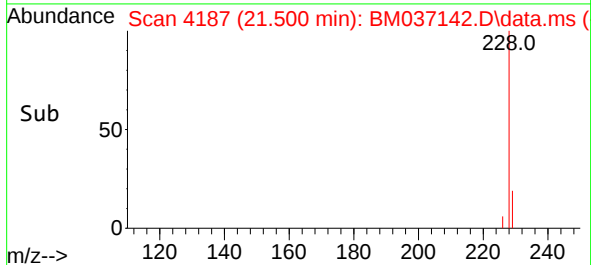
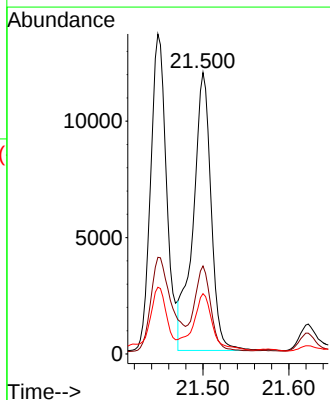
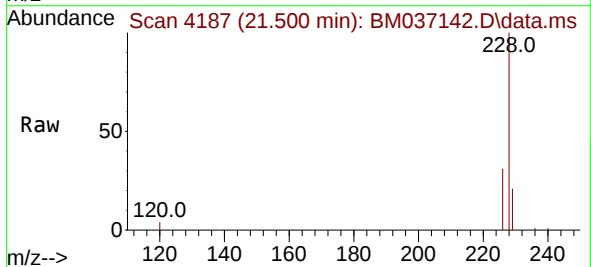
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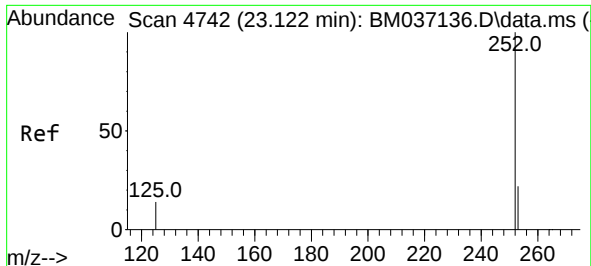
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

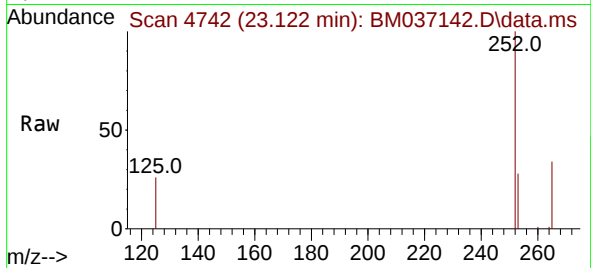
Tgt Ion:228 Resp: 17383
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.527 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

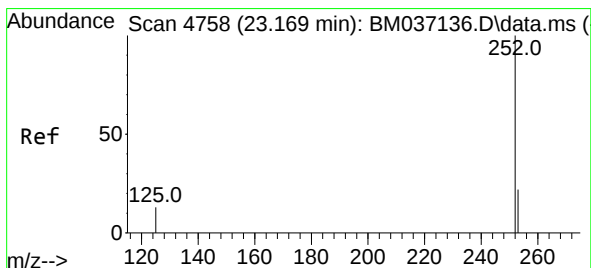
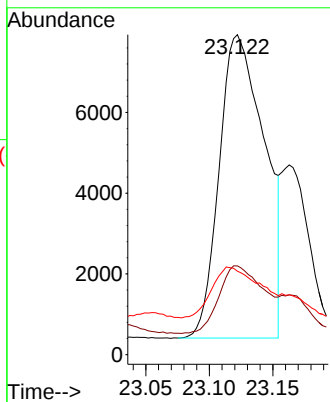
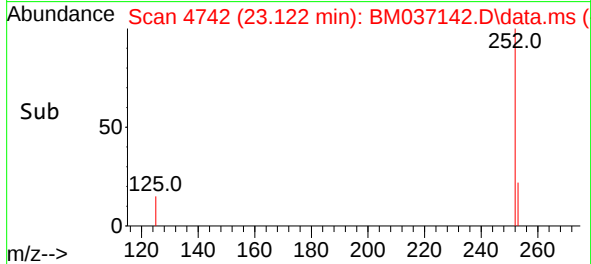
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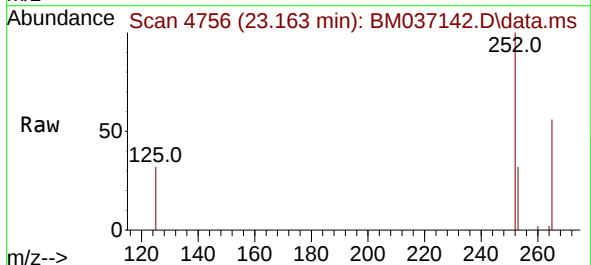
Tgt Ion:252 Resp: 18649
Ion Ratio Lower Upper
252 100
253 27.8 0.0 61.4
125 26.1 0.0 42.6

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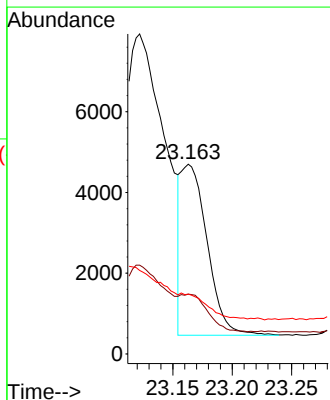
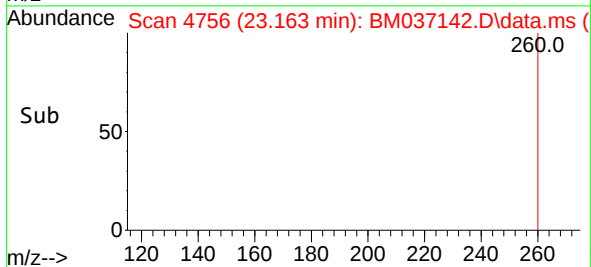
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

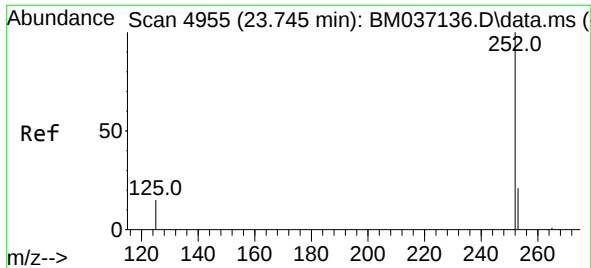


#25
Benzo(k)fluoranthene
Concen: 0.189 ng/ul m
RT: 23.163 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32



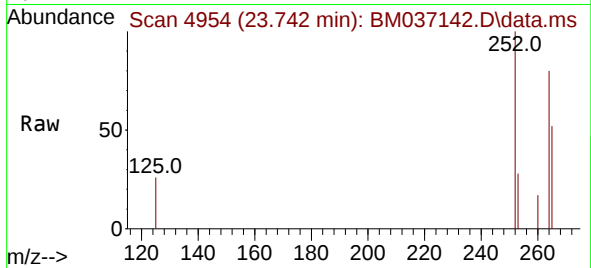
Tgt Ion:252 Resp: 6514
Ion Ratio Lower Upper
252 100
253 31.5 25.2 37.8
125 31.5 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.488 ng/ul
RT: 23.742 min Scan# 4955
Delta R.T. -0.003 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

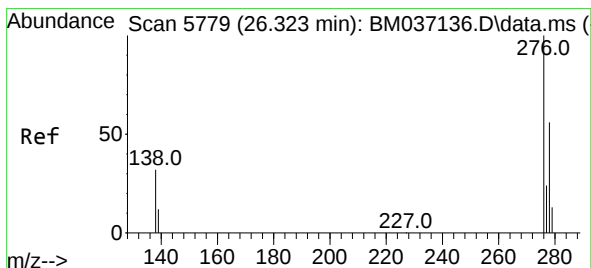
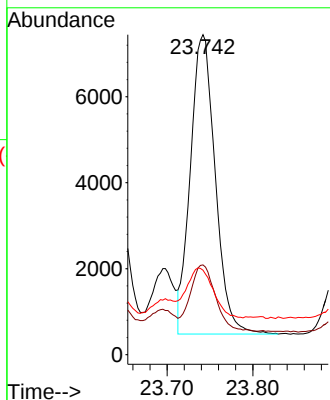
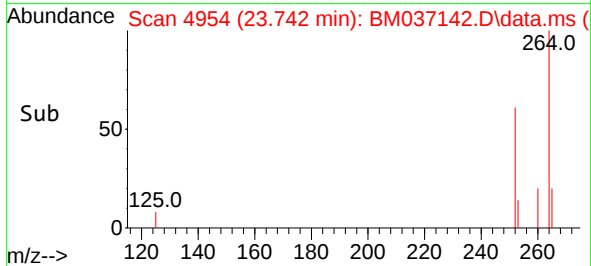
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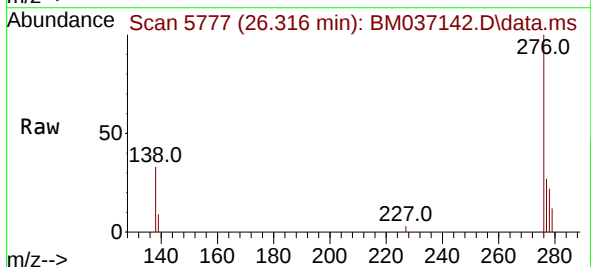
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Ion Ratio Lower Upper
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253 28.1 29.7 44.5
125 26.4 23.6 35.4

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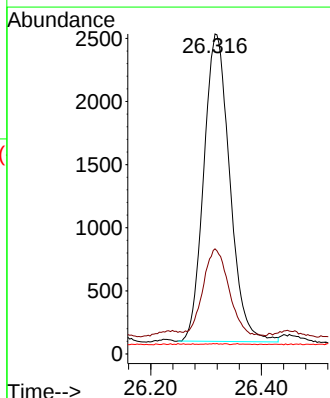
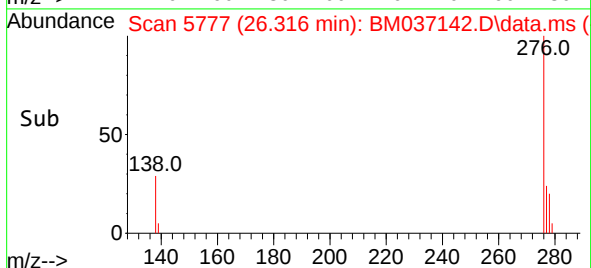
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

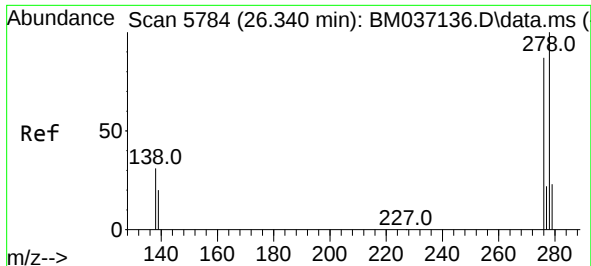


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32



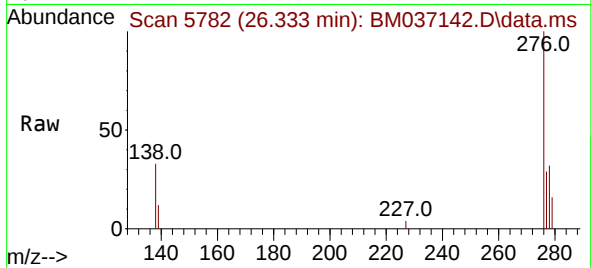
Tgt Ion:276 Resp: 7947
Ion Ratio Lower Upper
276 100
138 29.2 23.9 35.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.333 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32

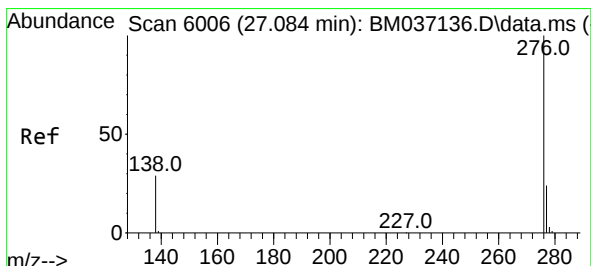
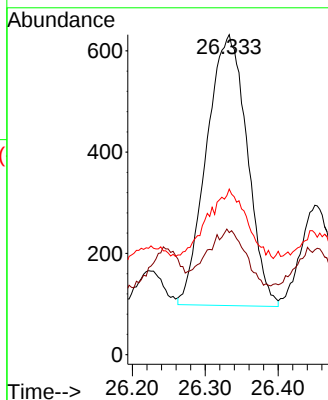
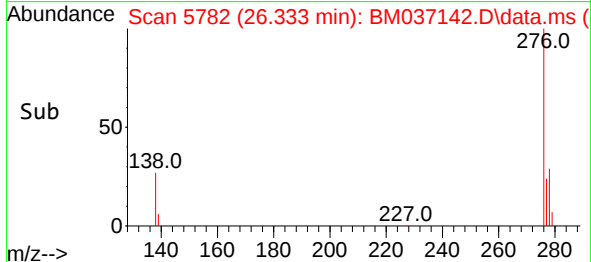
Instrument :
BNA_M
ClientSampleId :
C0BD0



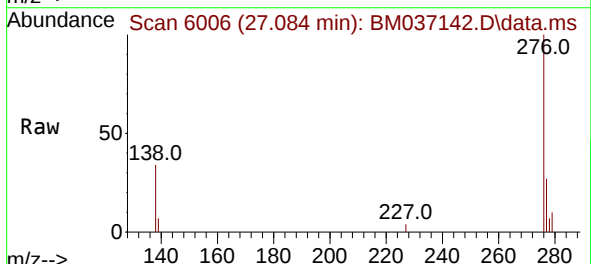
Tgt Ion: 278 Resp: 206
Ion Ratio Lower Upper
278 100
139 38.1 19.8 29.6
279 51.7 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM037142.D
Acq: 18 Oct 2022 09:32



Tgt Ion: 276 Resp: 6225
Ion Ratio Lower Upper
276 100
138 33.8 23.4 35.0
277 26.8 21.0 31.4

