

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037115.D
 Acq On : 17 Oct 2022 16:27
 Operator : CG/JU
 Sample : N4984-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 17 23:55:10 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 : 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	7.926	152	6119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	22631	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	12017	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23091	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13812	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	11896	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	34294	3.974	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	8267	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	15903	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	7552	0.117	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	1068	0.027	ng/ul	91
10) Acenaphthylene	14.274	152	15014	0.301	ng/ul	99
11) Acenaphthene	14.617	153	3063	0.071	ng/ul	99
12) Fluorene	15.602	166	8109	0.165	ng/ul	99
15) Phenanthrene	17.334	178	176687	2.397	ng/ul	99
16) Anthracene	17.427	178	101682	1.651	ng/ul	98
19) Fluoranthene	19.345	202	668052	12.160	ng/ul	99
20) Pyrene	19.712	202	517129m	9.027	ng/ul	
21) Benzo(a)anthracene	21.453	228	281662	5.644	ng/ul	97
22) Chrysene	21.506	228	244228m	4.558	ng/ul	
24) Benzo(b)fluoranthene	23.131	252	269480	5.071	ng/ul	86
25) Benzo(k)fluoranthene	23.175	252	94629m	1.827	ng/ul	
26) Benzo(a)pyrene	23.751	252	204206	4.736	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.330	276	117584	1.925	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.340	278	30462	0.617	ng/ul	95
29) Benzo(g,h,i)perylene	27.098	276	86234	1.602	ng/ul	97

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

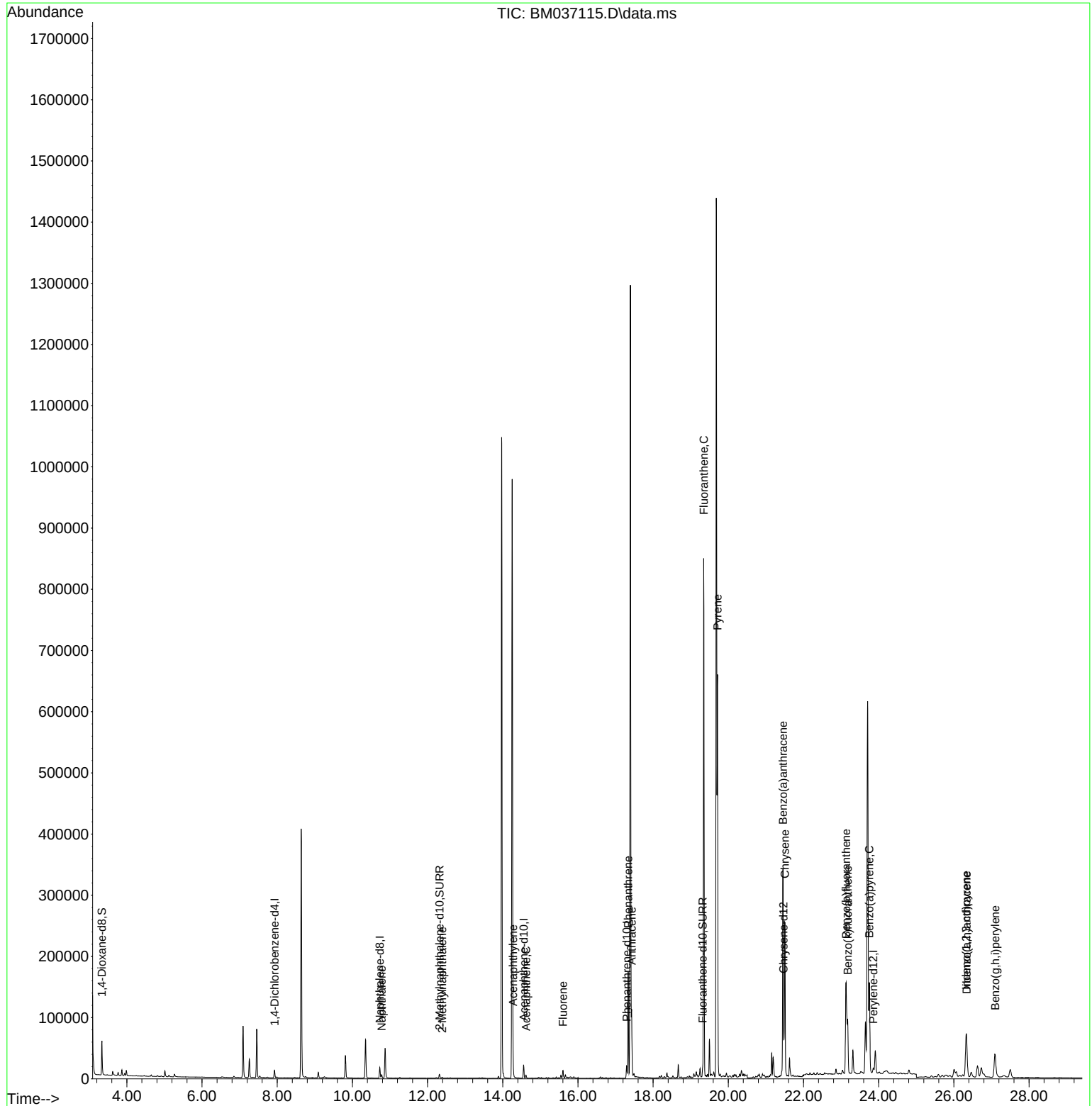
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037115.D
Acq On : 17 Oct 2022 16:27
Operator : CG/JU
Sample : N4984-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

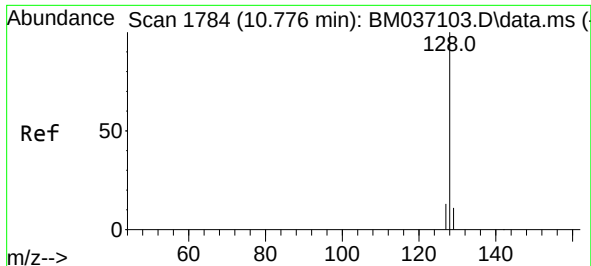
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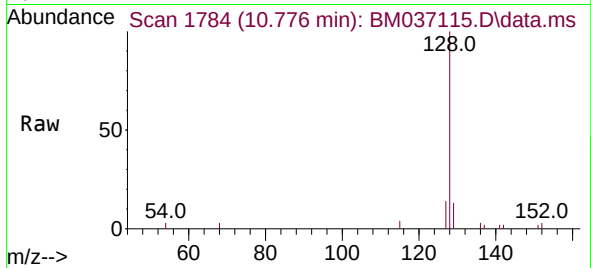
Quant Time: Oct 17 23:55:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

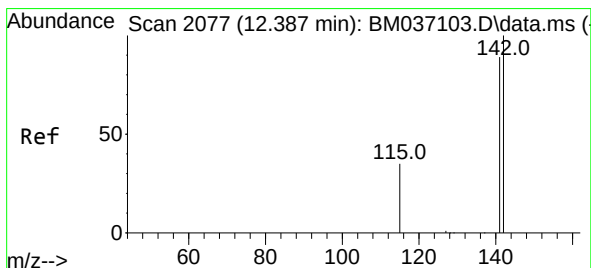
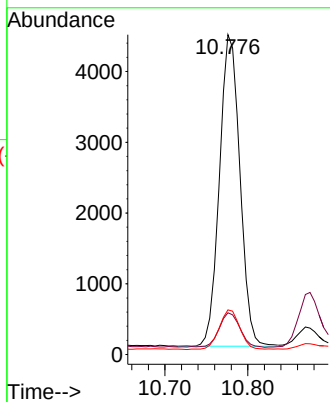
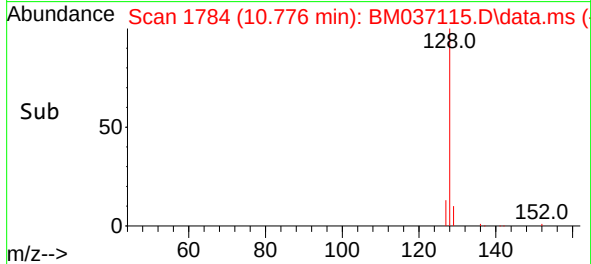
Instrument :
BNA_M
ClientSampleId :
BGNB8



Tgt Ion:128 Resp: 7552
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 14.0 11.7 17.5

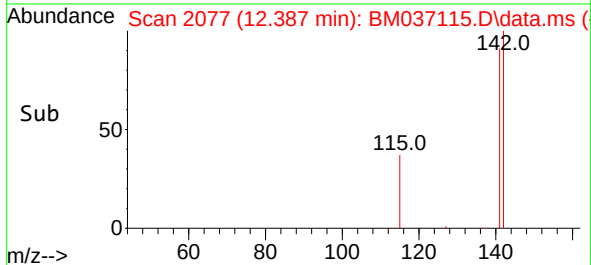
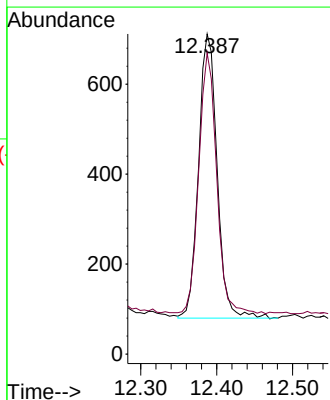
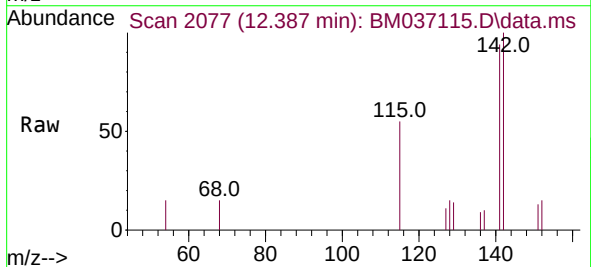
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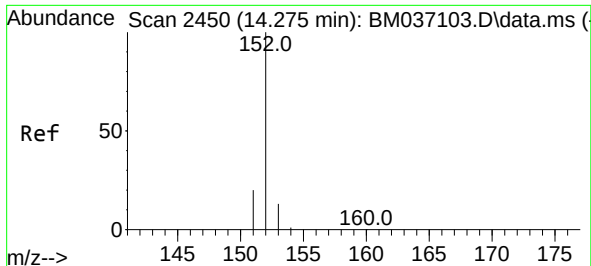
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

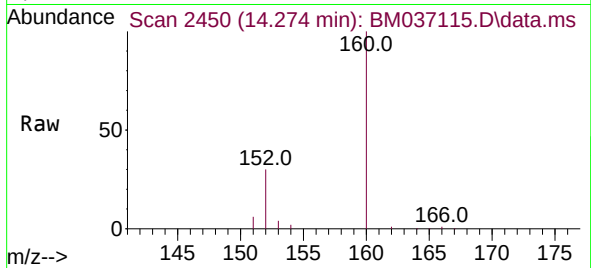
Tgt Ion:142 Resp: 1068
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0





#10
Acenaphthylene
Concen: 0.301 ng/u1
RT: 14.274 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

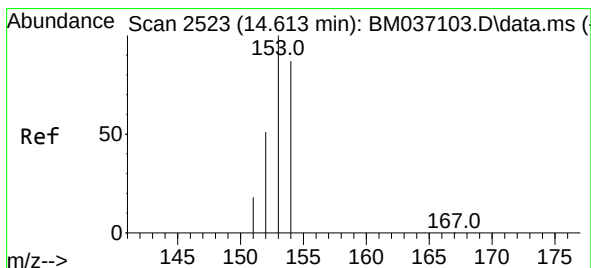
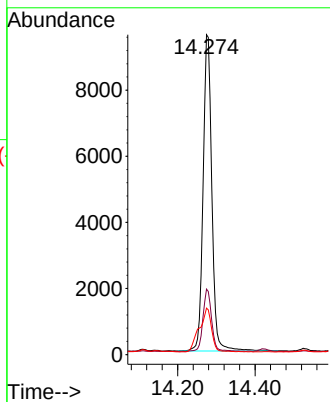
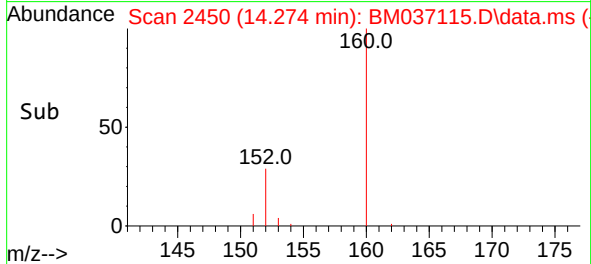
Instrument :
BNA_M
ClientSampleId :
BGNB8



Tgt Ion:152 Resp: 15014
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.6 11.4 17.0

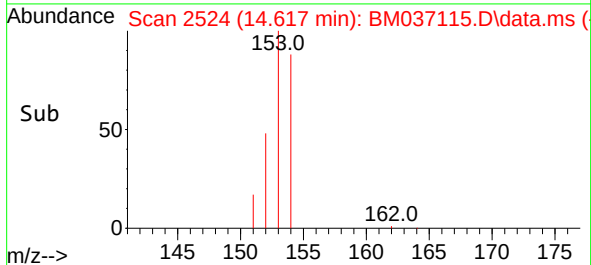
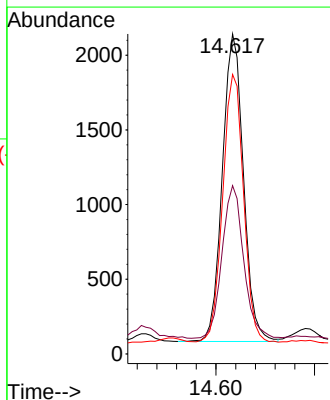
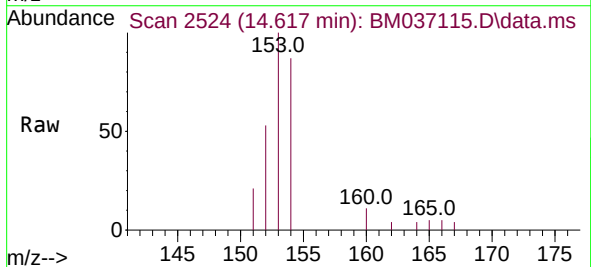
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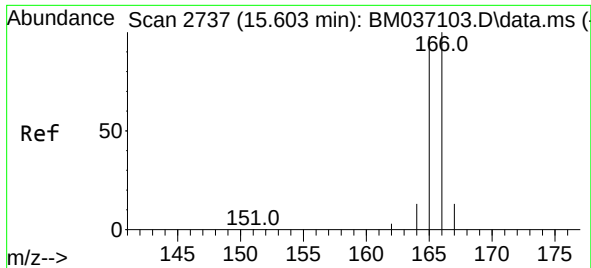
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#11
Acenaphthene
Concen: 0.071 ng/u1
RT: 14.617 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

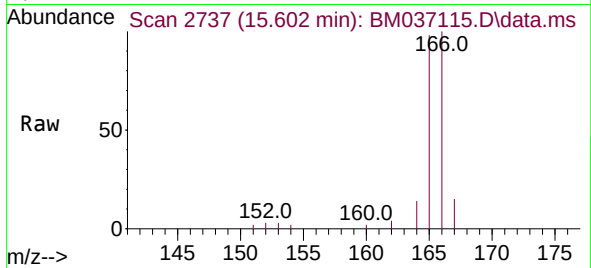
Tgt Ion:153 Resp: 3063
Ion Ratio Lower Upper
153 100
152 52.6 40.2 60.4
154 87.3 69.7 104.5





#12
Fluorene
Concen: 0.165 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

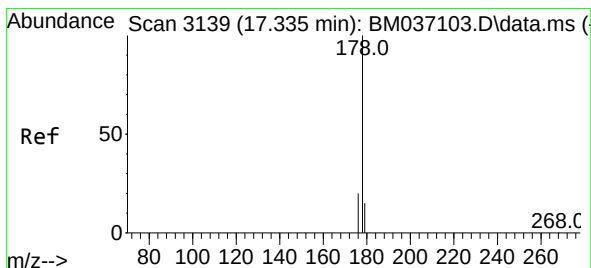
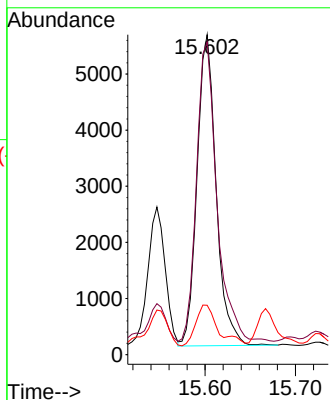
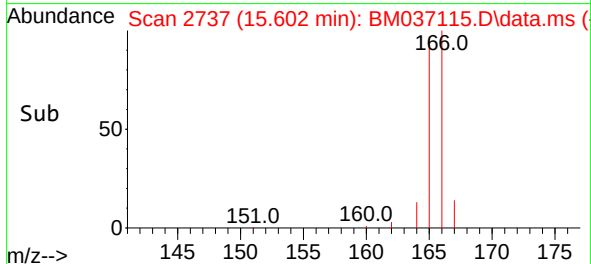
Instrument :
BNA_M
ClientSampleId :
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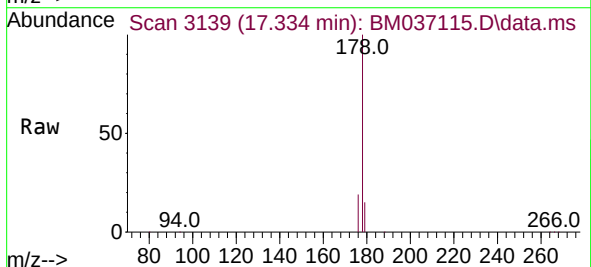
Tgt Ion:166 Resp: 8109
Ion Ratio Lower Upper
166 100
165 97.7 78.9 118.3
167 15.4 11.3 16.9

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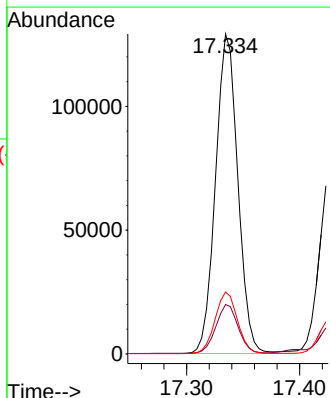
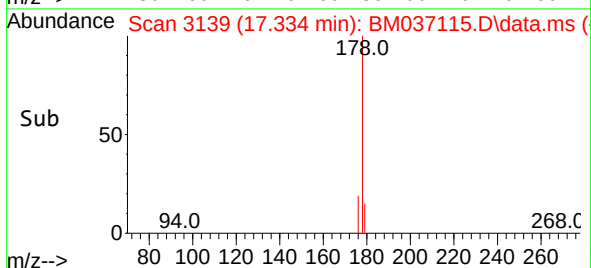
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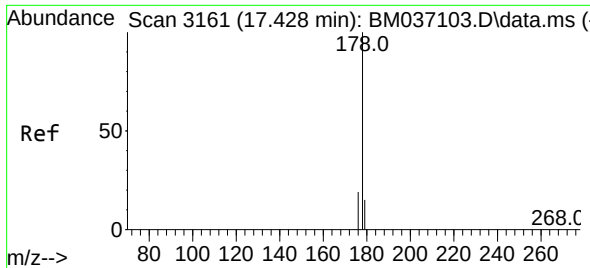


#15
Phenanthrene
Concen: 2.397 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27



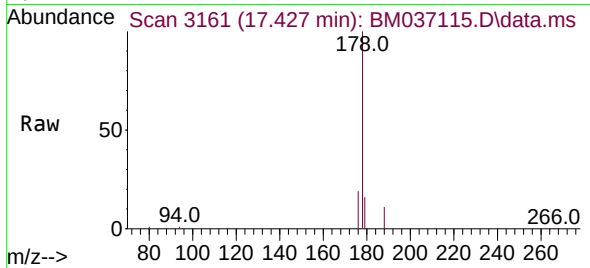
Tgt Ion:178 Resp: 176687
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 1.651 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM037115.D
 Acq: 17 Oct 2022 16:27

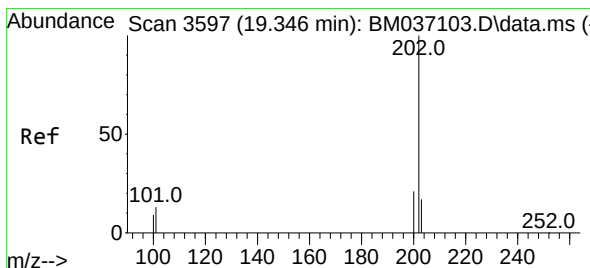
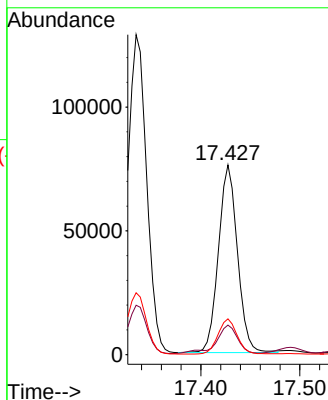
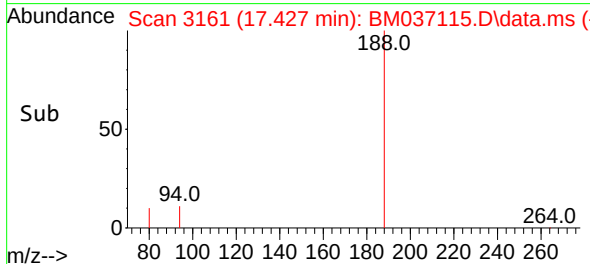
Instrument :
 BNA_M
 ClientSampleId :
 BGNB8



Tgt Ion:178 Resp: 101682
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.6 20.4
 176 18.8 15.6 23.4

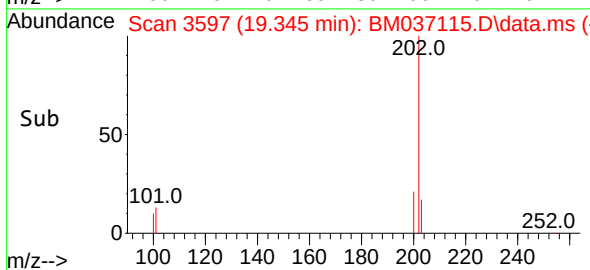
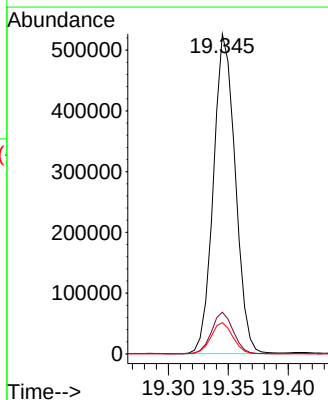
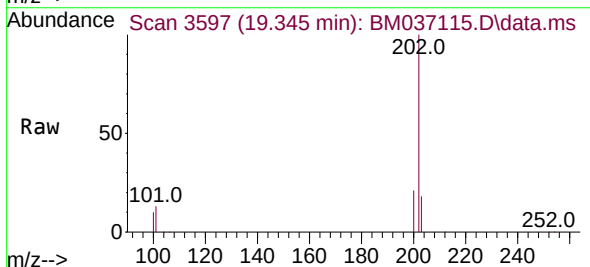
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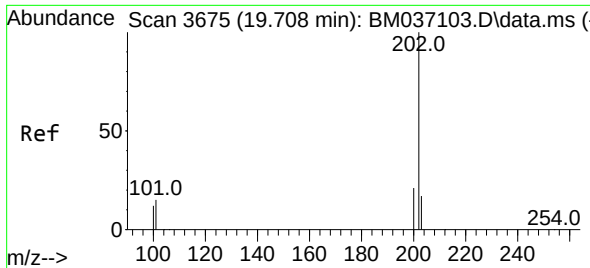
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#19
 Fluoranthene
 Concen: 12.160 ng/ul
 RT: 19.345 min Scan# 3597
 Delta R.T. -0.005 min
 Lab File: BM037115.D
 Acq: 17 Oct 2022 16:27

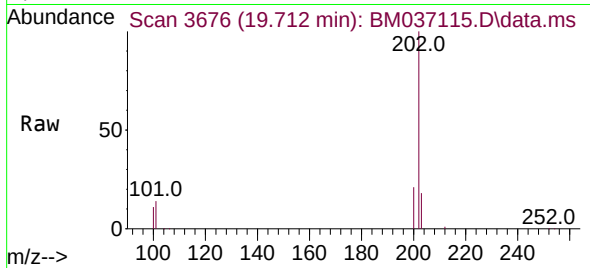
Tgt Ion:202 Resp: 668052
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.1 15.1
 100 9.8 7.9 11.9





#20
Pyrene
Concen: 9.027 ng/ul m
RT: 19.712 min Scan# 3675
Delta R.T. 0.005 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

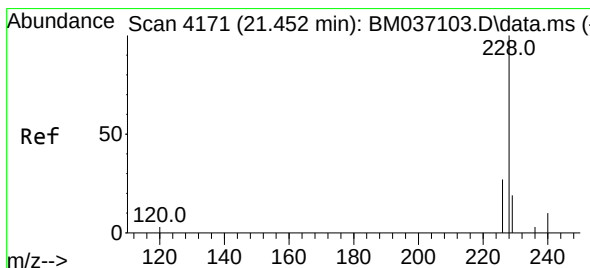
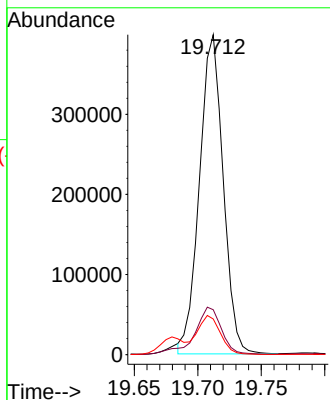
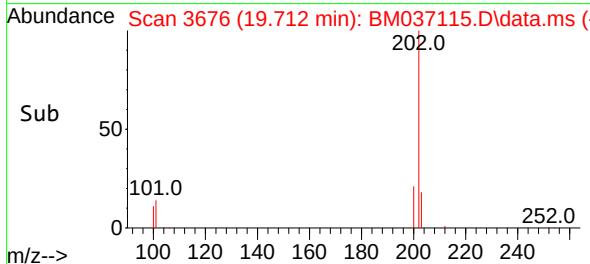
Instrument :
BNA_M
ClientSampleId :
BGNB8



Tgt Ion:202 Resp: 517129
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.1 9.8 14.6

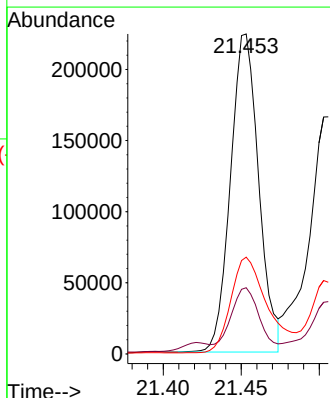
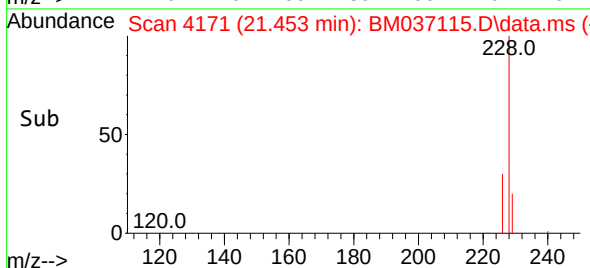
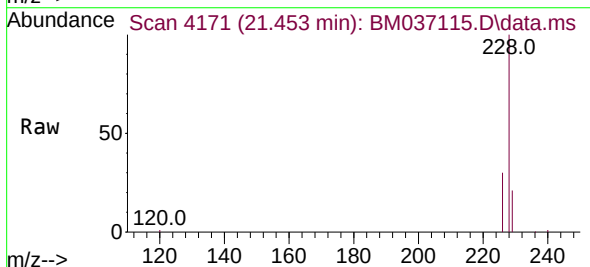
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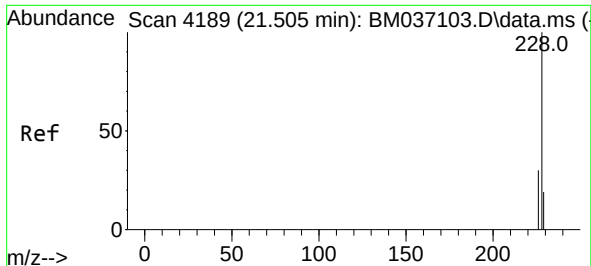
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#21
Benzo(a)anthracene
Concen: 5.644 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

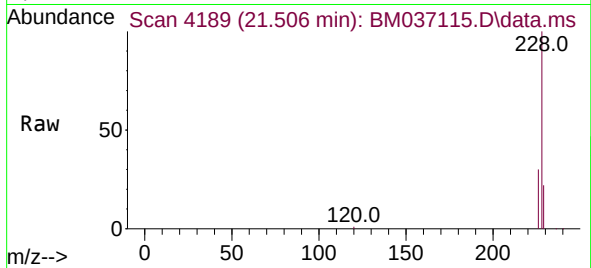
Tgt Ion:228 Resp: 281662
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 30.2 22.5 33.7





#22
Chrysene
Concen: 4.558 ng/ul m
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

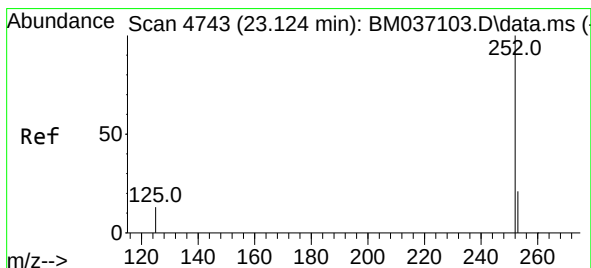
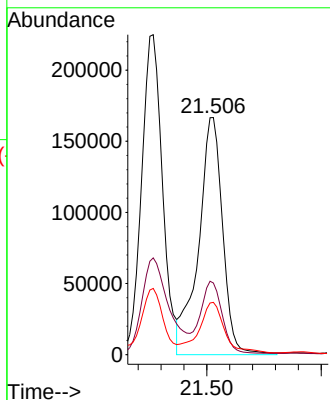
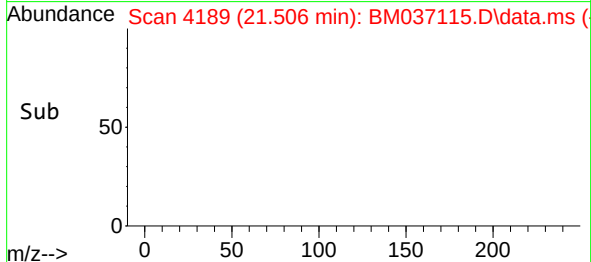
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BNA_M
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BGNB8



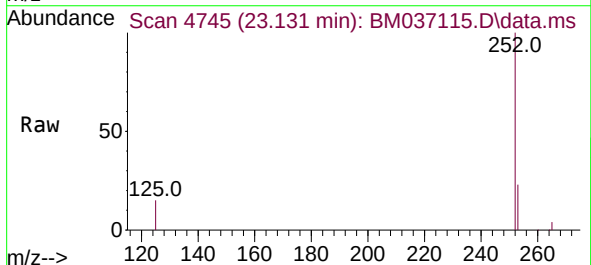
Tgt Ion:228 Resp: 244228
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 22.1 16.4 24.6

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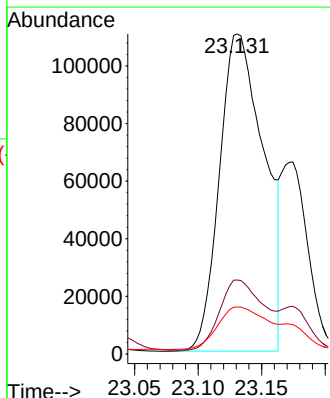
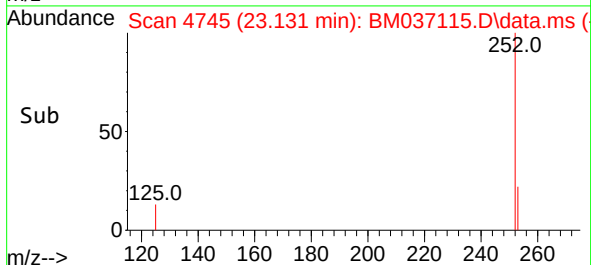
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Supervised By :mohammad ahmed 10/19/2022

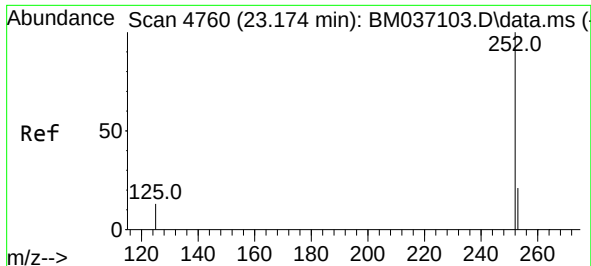


#24
Benzo(b)fluoranthene
Concen: 5.071 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. 0.009 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27



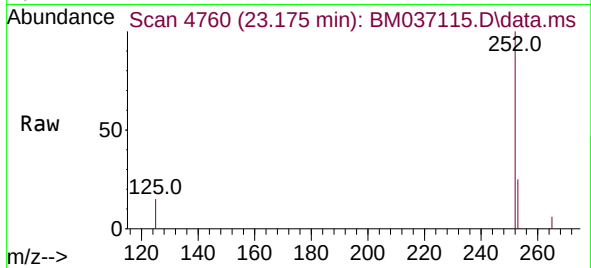
Tgt Ion:252 Resp: 269480
Ion Ratio Lower Upper
252 100
253 23.1 0.0 61.4
125 14.6 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 1.827 ng/ul m
RT: 23.175 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

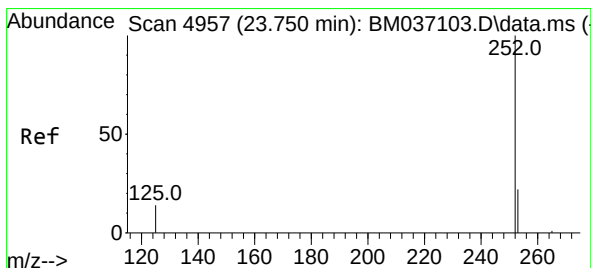
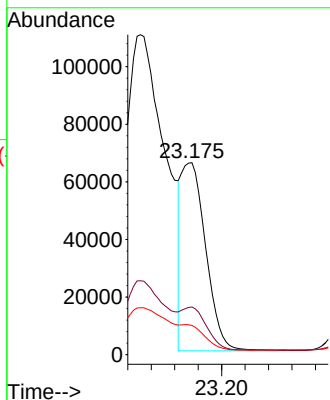
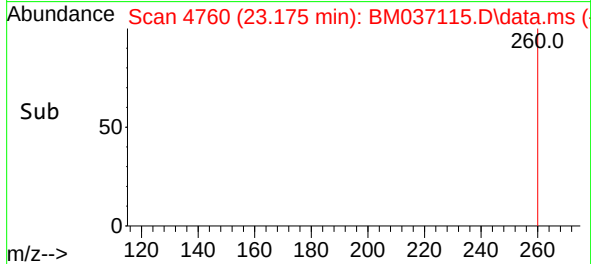
Instrument :
BNA_M
ClientSampleId :
BGNB8



Tgt Ion:252 Resp: 94629
Ion Ratio Lower Upper
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253 24.8 25.2 37.8#
125 15.2 18.3 27.5#

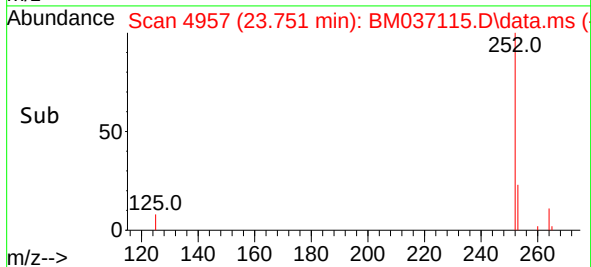
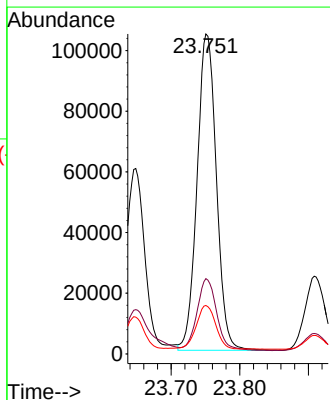
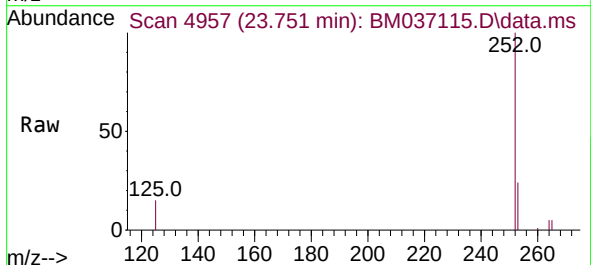
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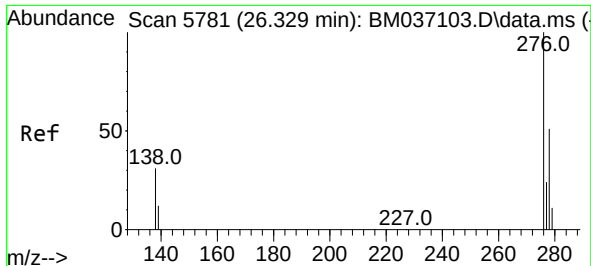
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#26
Benzo(a)pyrene
Concen: 4.736 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

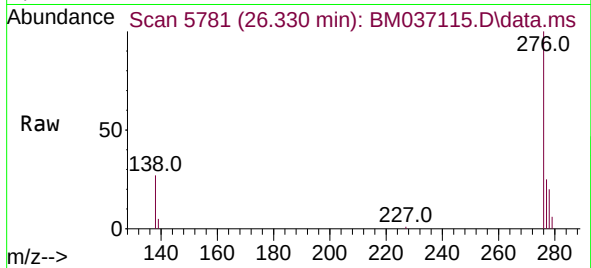
Tgt Ion:252 Resp: 204206
Ion Ratio Lower Upper
252 100
253 23.5 29.7 44.5#
125 15.1 23.6 35.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.925 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

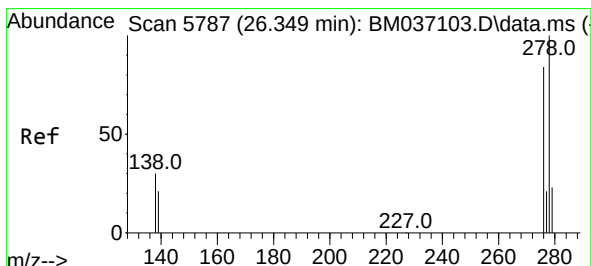
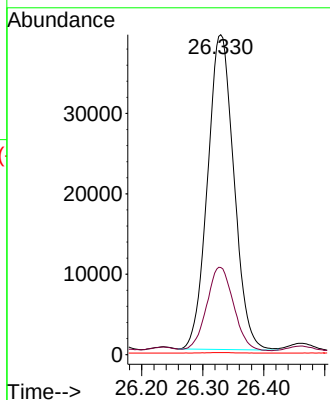
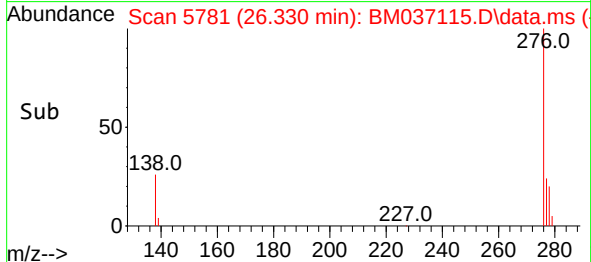
Instrument :
BNA_M
ClientSampleId :
BGNB8



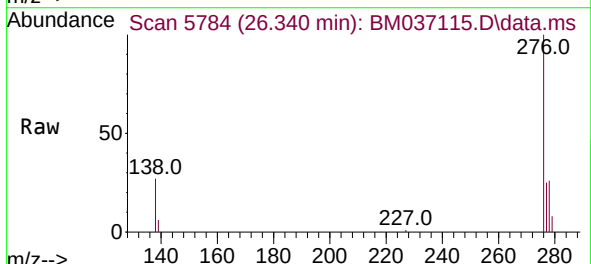
Tgt Ion:276 Resp: 117584
Ion Ratio Lower Upper
276 100
138 27.1 23.9 35.9
227 0.2 0.1 0.1

Manual Integrations
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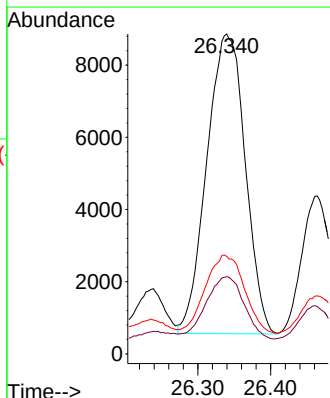
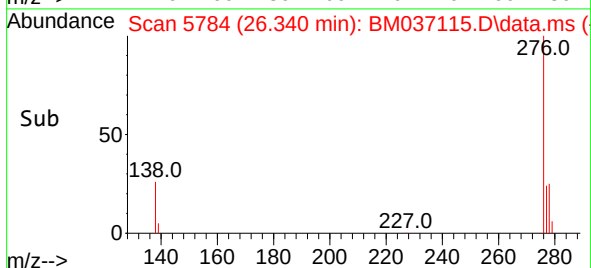
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

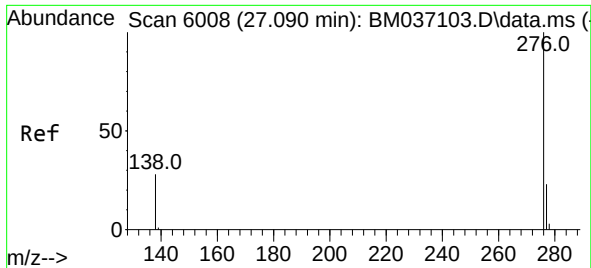


#28
Dibenzo(a,h)anthracene
Concen: 0.617 ng/ul
RT: 26.340 min Scan# 5784
Delta R.T. -0.003 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27



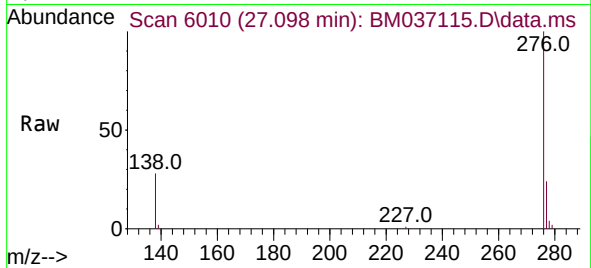
Tgt Ion:278 Resp: 30462
Ion Ratio Lower Upper
278 100
139 24.1 19.8 29.6
279 30.5 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 1.602 ng/ul
RT: 27.098 min Scan# 6010
Delta R.T. 0.010 min
Lab File: BM037115.D
Acq: 17 Oct 2022 16:27

Instrument :
BNA_M
ClientSampleId :
BGNB8



Tgt Ion:276 Resp: 86234
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 24.2 21.0 31.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

