

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037084.D
 Acq On : 15 Oct 2022 09:49
 Operator : CG/JU
 Sample : N5049-02DL 5X
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:54:42 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7396	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	26473	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	14378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	28453	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	19342	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	15595	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	7987	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2294	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	4124	0.071	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	74209	0.981	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	57241	1.236	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	46076	0.980	ng/ul	99
10) Acenaphthylene	14.280	152	15016	0.251	ng/ul#	94
11) Acenaphthene	14.617	153	3172	0.061	ng/ul	97
12) Fluorene	15.603	166	3910	0.067	ng/ul#	93
15) Phenanthrene	17.335	178	93590	1.030	ng/ul	99
16) Anthracene	17.428	178	24169	0.318	ng/ul	99
19) Fluoranthene	19.346	202	130898	1.701	ng/ul	99
20) Pyrene	19.708	202	123196m	1.536	ng/ul	
21) Benzo(a)anthracene	21.449	228	61893	0.886	ng/ul	98
22) Chrysene	21.502	228	84440	1.125	ng/ul	99
24) Benzo(b)fluoranthene	23.127	252	120986	1.737	ng/ul	88
25) Benzo(k)fluoranthene	23.168	252	30858m	0.455	ng/ul	
26) Benzo(a)pyrene	23.747	252	61947	1.096	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.322	276	56993	0.712	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.335	278	15758	0.244	ng/ul	96
29) Benzo(g,h,i)perylene	27.087	276	55665	0.789	ng/ul	97

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

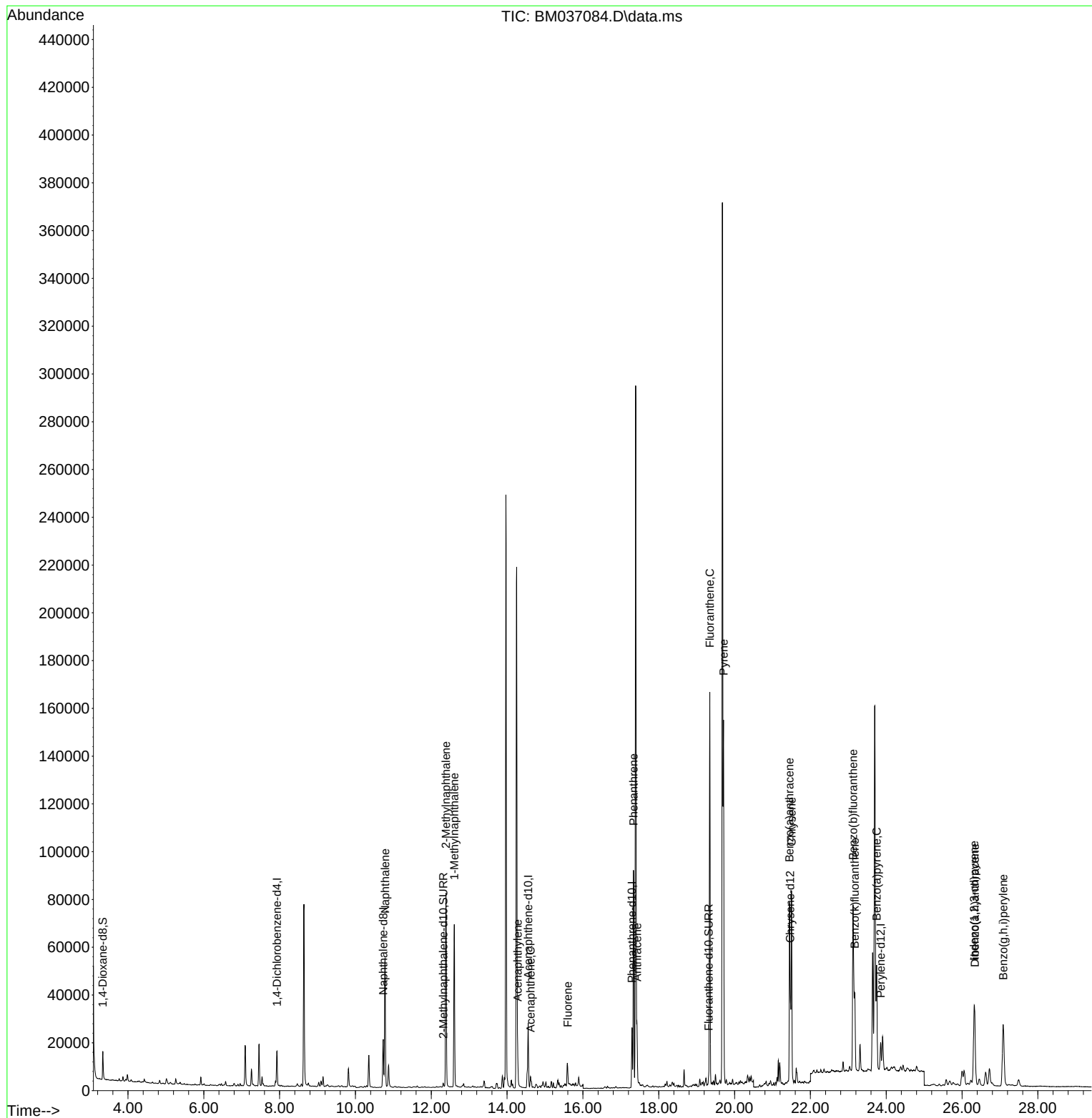
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037084.D
Acq On : 15 Oct 2022 09:49
Operator : CG/JU
Sample : N5049-02DL 5X
Misc :
ALS Vial : 81 Sample Multiplier: 1

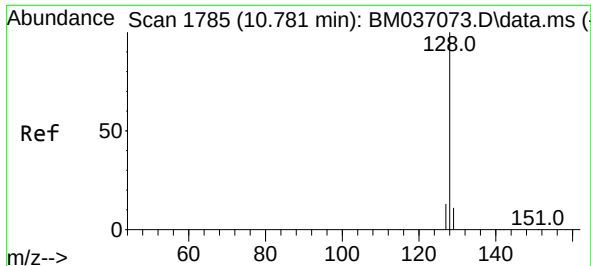
Instrument :
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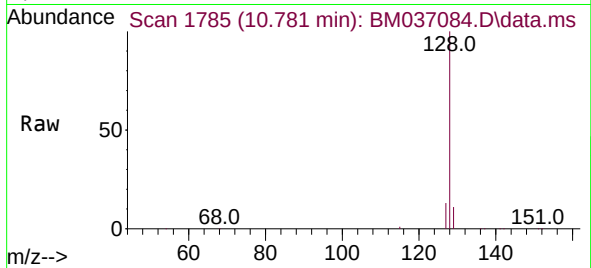
Quant Time: Oct 17 00:54:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.981 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

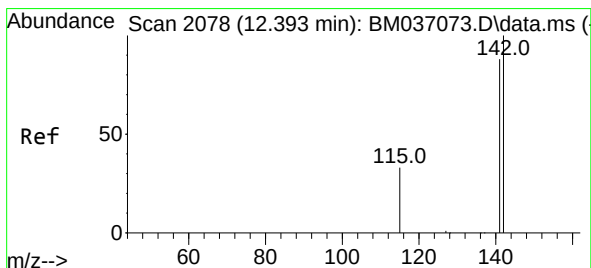
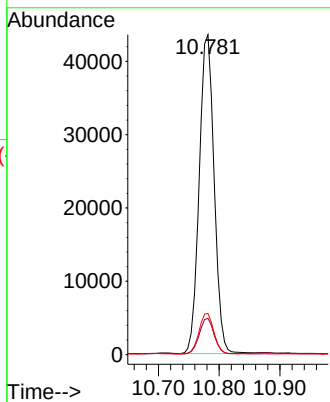
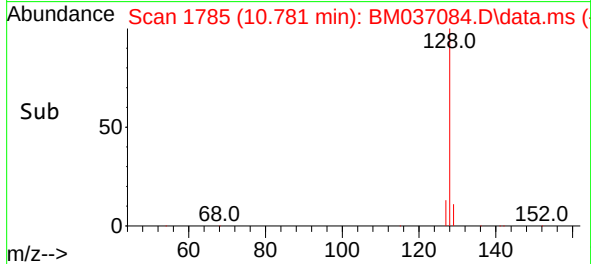
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



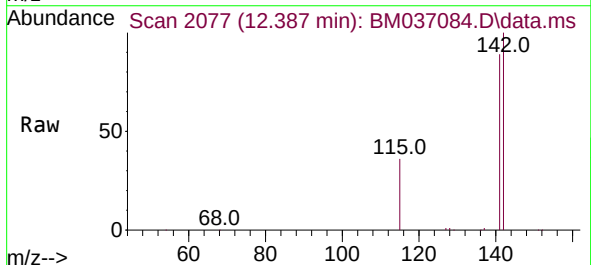
Tgt Ion:128 Resp: 74209
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 12.9 11.7 17.5

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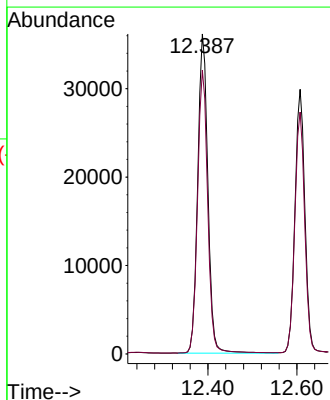
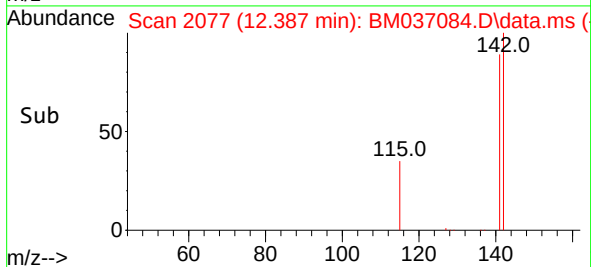
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

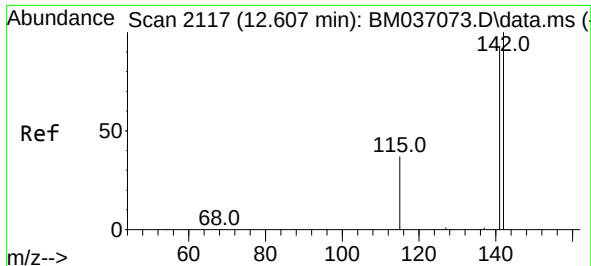


#7
2-Methylnaphthalene
Concen: 1.236 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49



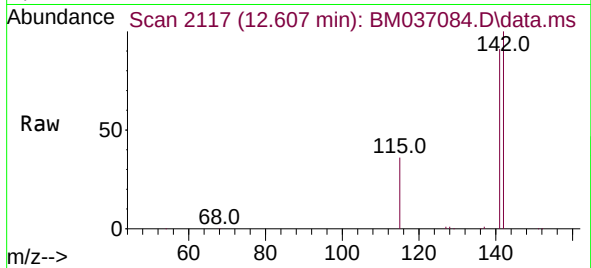
Tgt Ion:142 Resp: 57241
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.980 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

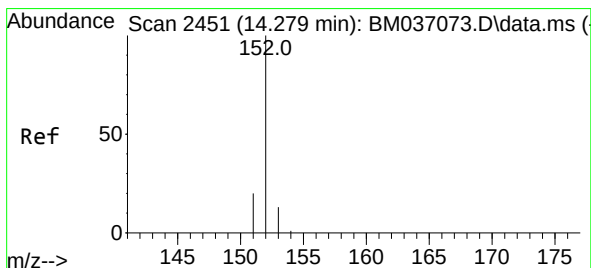
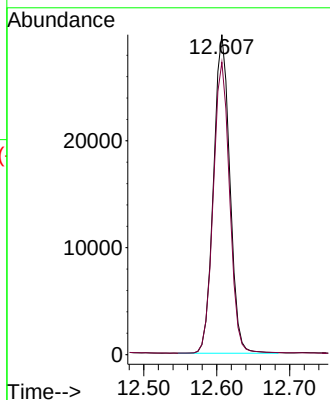
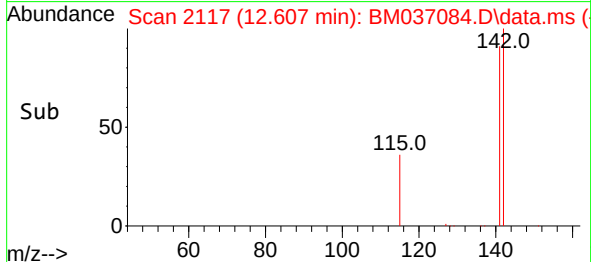
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



Tgt Ion:142 Resp: 46076
Ion Ratio Lower Upper
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141 91.5 74.1 111.1

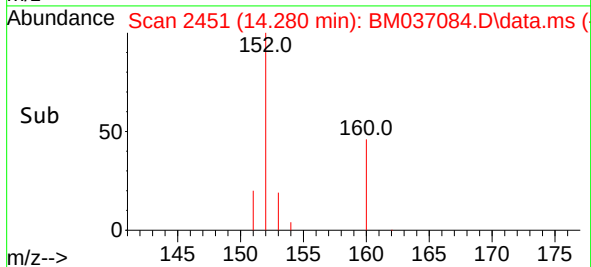
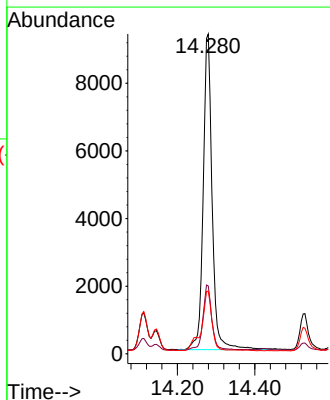
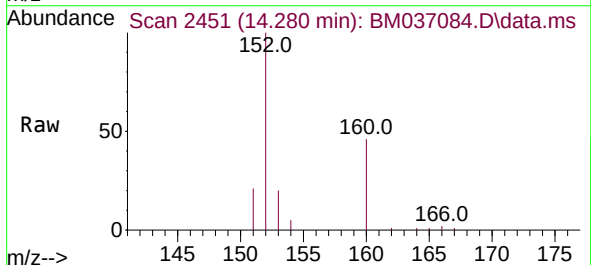
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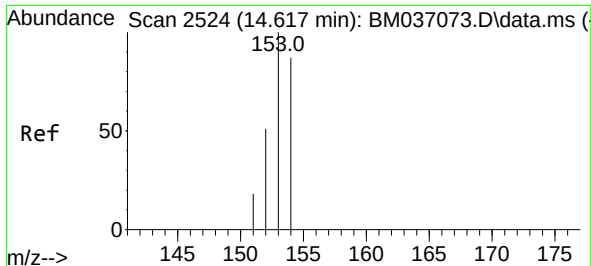
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. 0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

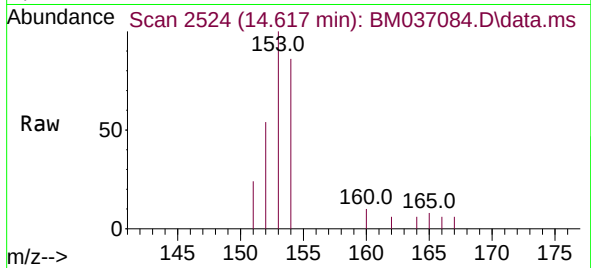
Tgt Ion:152 Resp: 15016
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 19.6 11.4 17.0#





#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

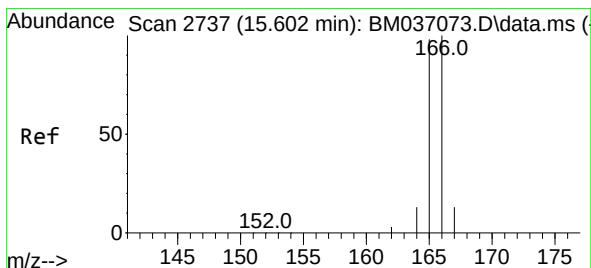
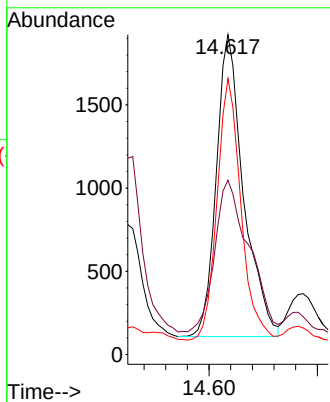
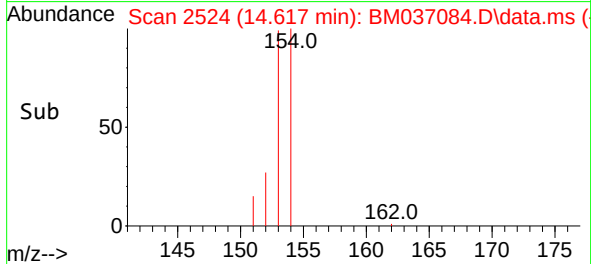
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



Tgt Ion:153 Resp: 3172
Ion Ratio Lower Upper
153 100
152 54.4 40.2 60.4
154 86.3 69.7 104.5

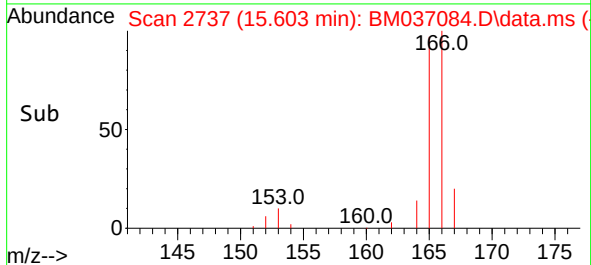
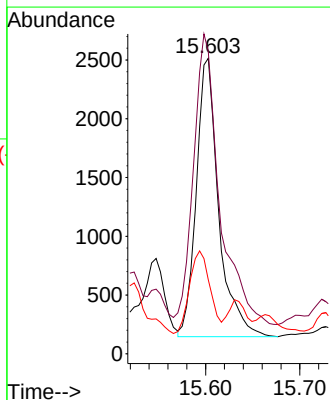
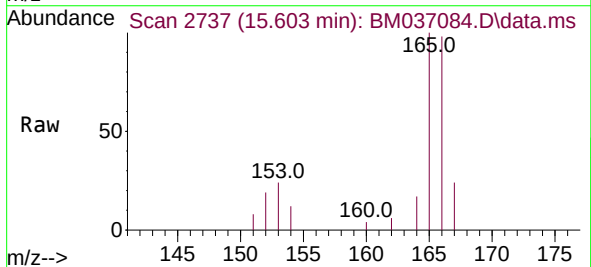
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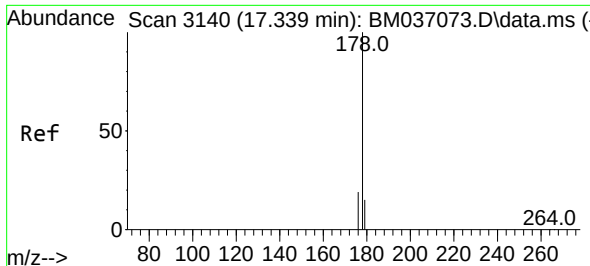
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

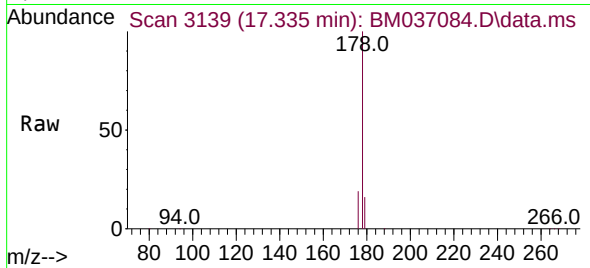
Tgt Ion:166 Resp: 3910
Ion Ratio Lower Upper
166 100
165 102.3 78.9 118.3
167 25.0 11.3 16.9#





#15
Phenanthrene
Concen: 1.030 ng/ul
RT: 17.335 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

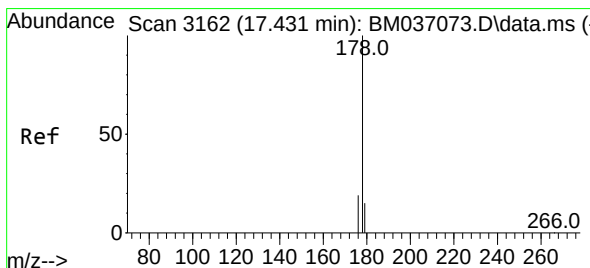
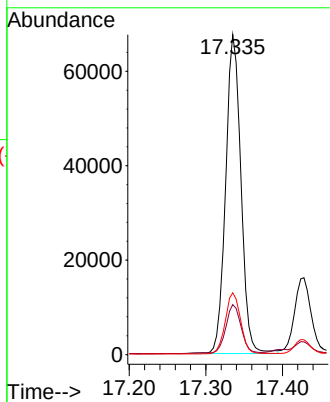
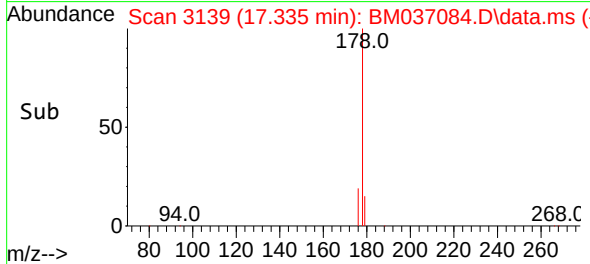
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



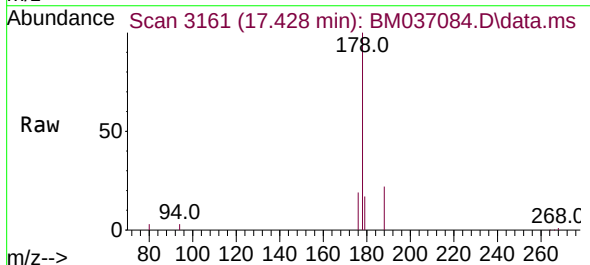
Tgt Ion:178 Resp: 93590
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.4 15.6 23.4

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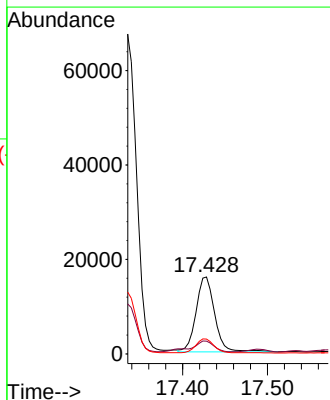
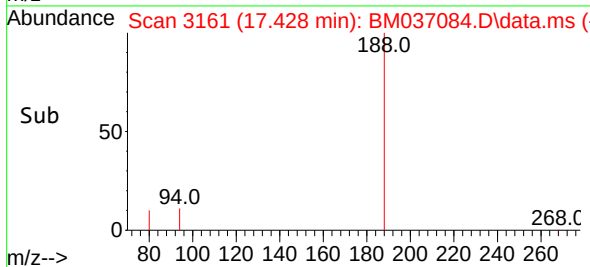
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

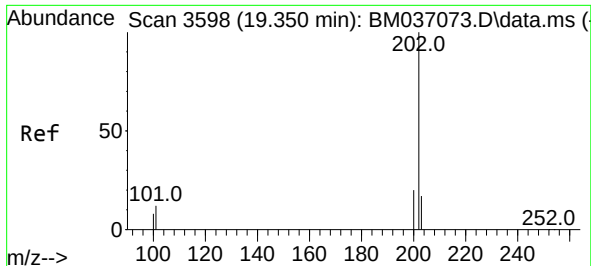


#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49



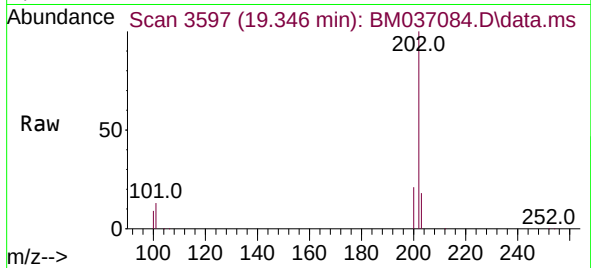
Tgt Ion:178 Resp: 24169
Ion Ratio Lower Upper
178 100
179 16.7 13.6 20.4
176 19.2 15.6 23.4





#19
Fluoranthene
Concen: 1.701 ng/ul
RT: 19.346 min Scan# 3598
Delta R.T. -0.004 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

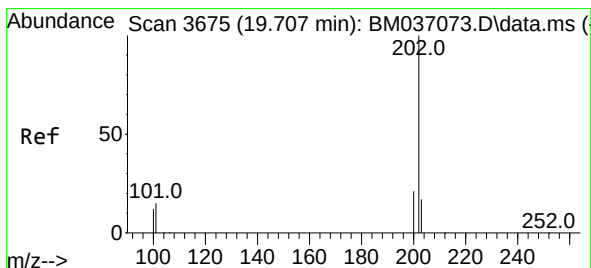
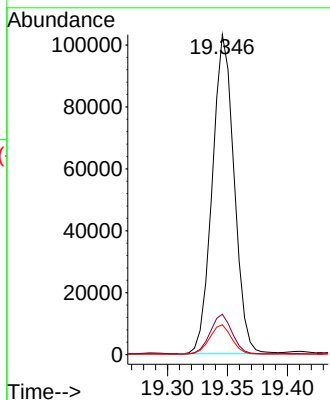
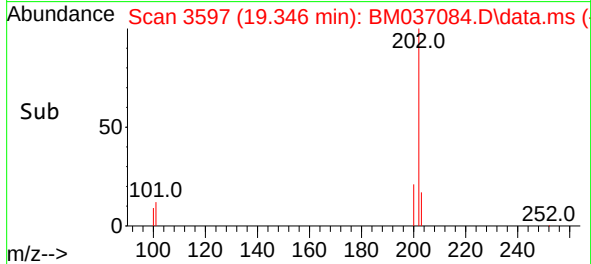
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



Tgt Ion:202 Resp: 130898
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.3 7.9 11.9

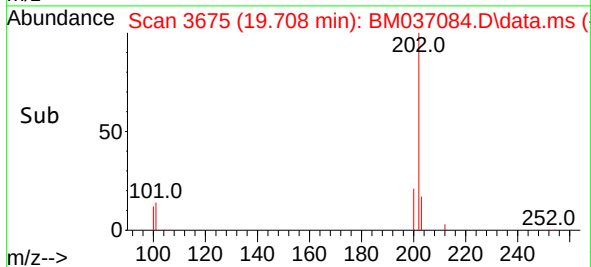
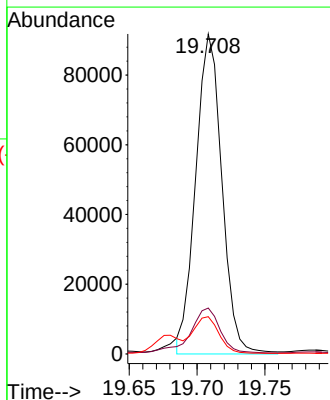
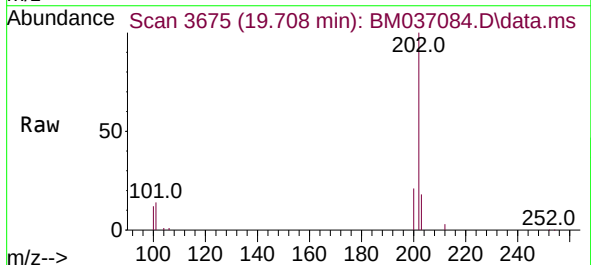
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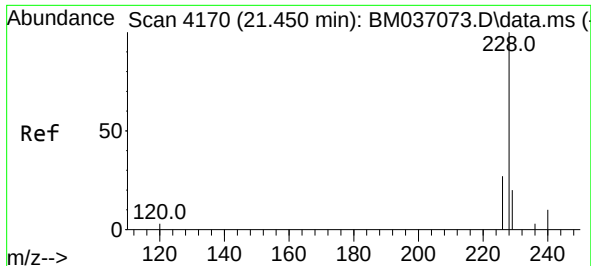
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 1.536 ng/ul m
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

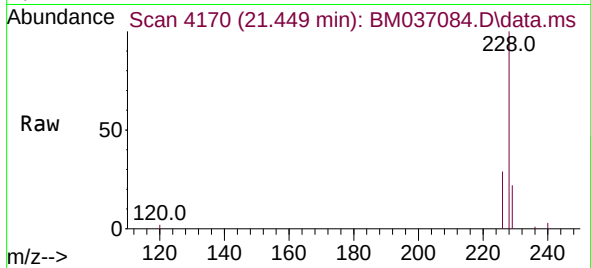
Tgt Ion:202 Resp: 123196
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.886 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

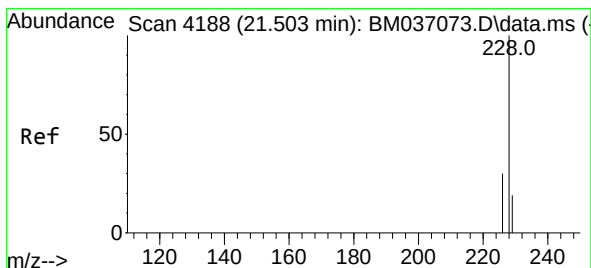
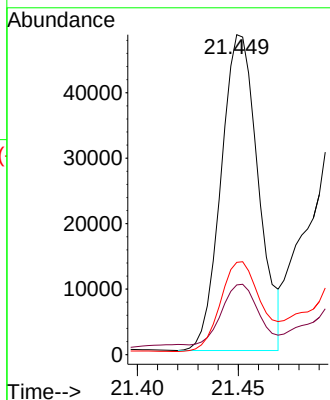
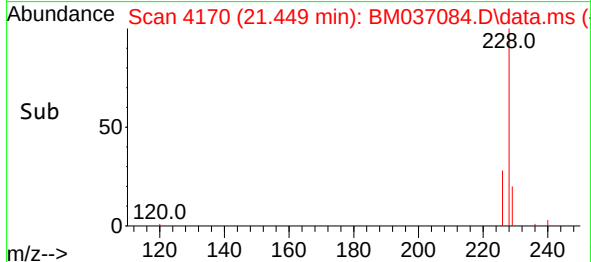
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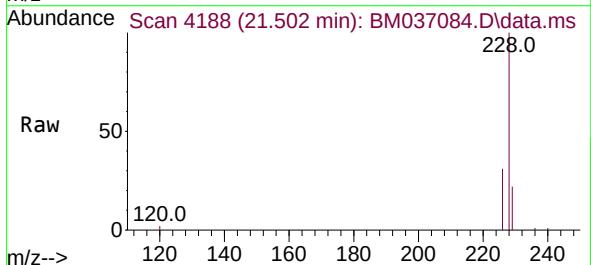
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Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 28.8 22.5 33.7

Manual Integrations
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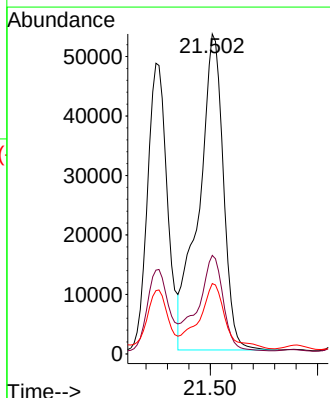
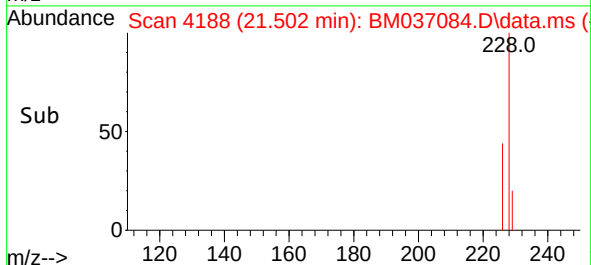
Reviewed By :Jagrut Upadhyay 10/17/2022
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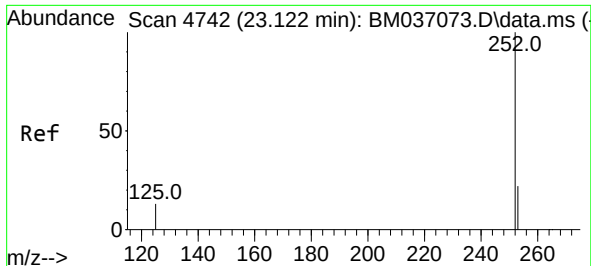


#22
Chrysene
Concen: 1.125 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49



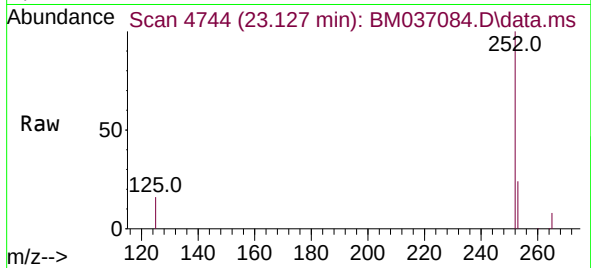
Tgt Ion:228 Resp: 84440
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.737 ng/ul
RT: 23.127 min Scan# 4742
Delta R.T. 0.005 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

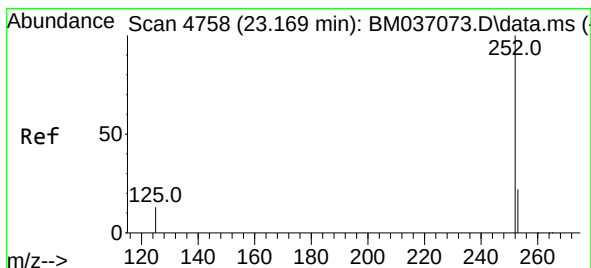
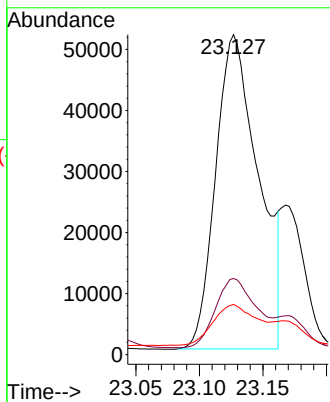
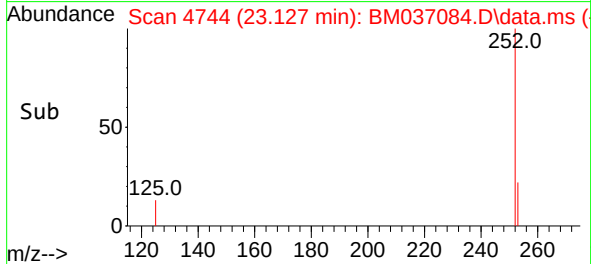
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



Tgt Ion:252 Resp: 120986
Ion Ratio Lower Upper
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253 23.8 0.0 61.4
125 15.7 0.0 42.6

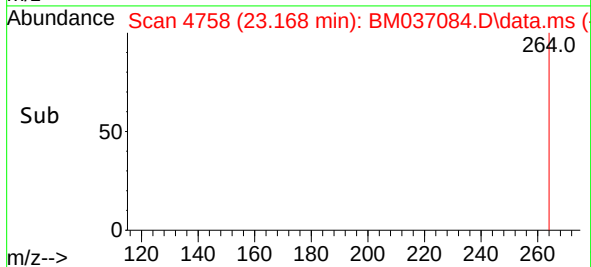
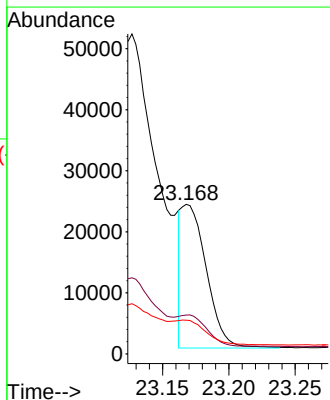
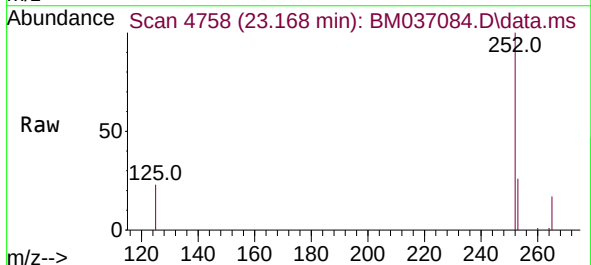
Manual Integrations
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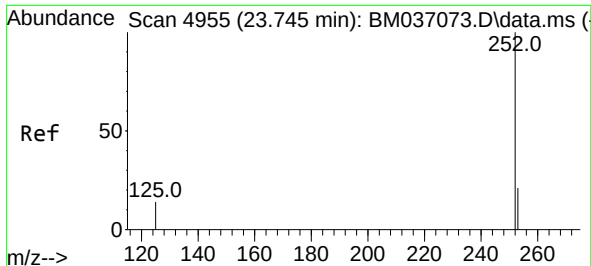
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul m
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

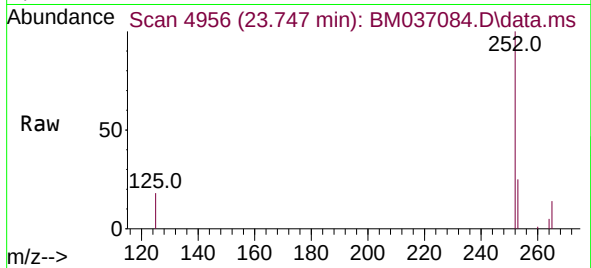
Tgt Ion:252 Resp: 30858
Ion Ratio Lower Upper
252 100
253 25.9 25.2 37.8
125 22.6 18.3 27.5





#26
Benzo(a)pyrene
Concen: 1.096 ng/ul
RT: 23.747 min Scan# 4955
Delta R.T. 0.002 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

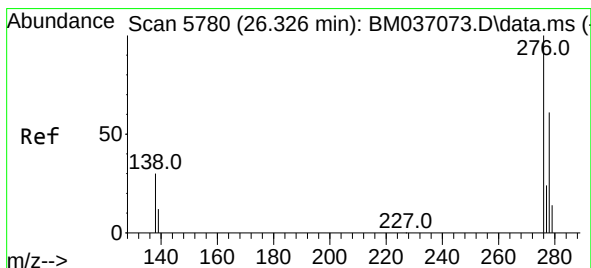
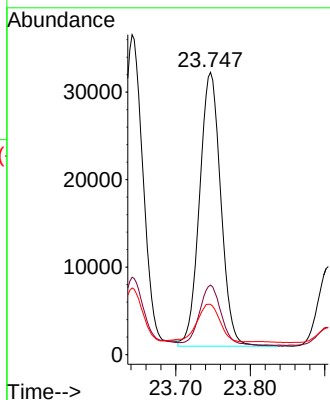
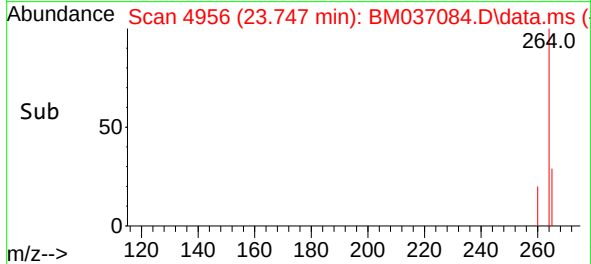
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



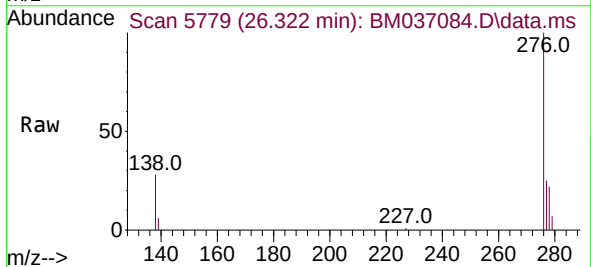
Tgt Ion:252 Resp: 61947
Ion Ratio Lower Upper
252 100
253 24.6 29.7 44.5
125 17.8 23.6 35.4

Manual Integrations
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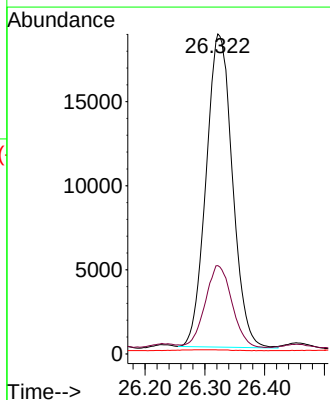
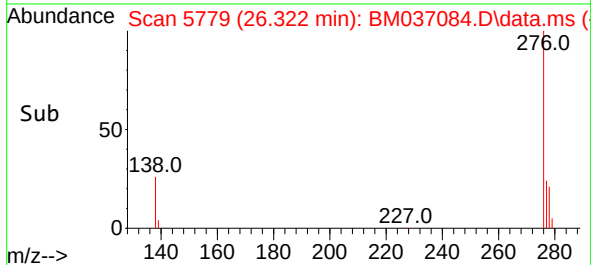
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

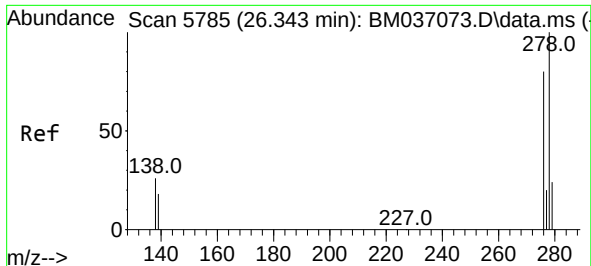


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.712 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49



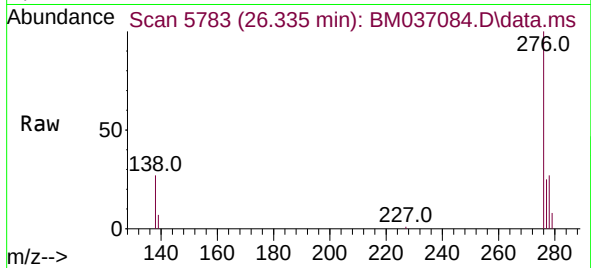
Tgt Ion:276 Resp: 56993
Ion Ratio Lower Upper
276 100
138 26.7 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.244 ng/ul
RT: 26.335 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

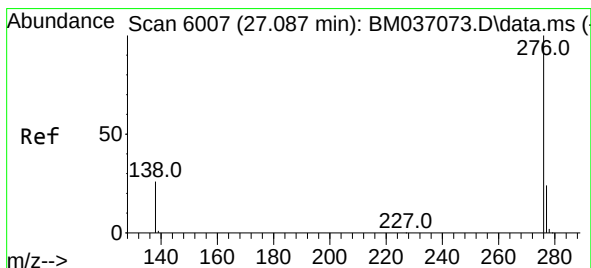
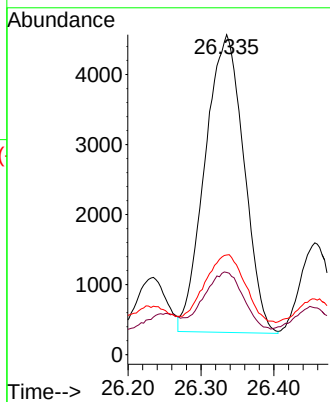
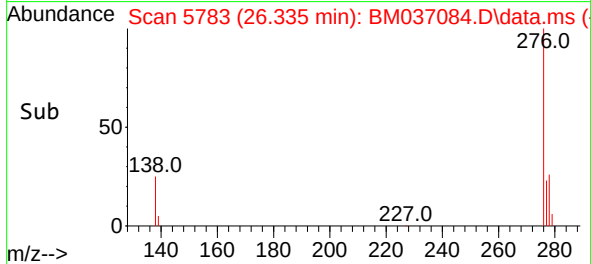
Instrument :
BNA_M
ClientSampleId :
C0BG4DL



Tgt Ion:278 Resp: 15758
Ion Ratio Lower Upper
278 100
139 25.7 19.8 29.6
279 31.1 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.789 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BM037084.D
Acq: 15 Oct 2022 09:49

Tgt Ion:276 Resp: 55665
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 24.5 21.0 31.4

