

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034781.D
 Acq On : 22 Apr 2022 23:14
 Operator : CG/JU
 Sample : N2373-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 23 03:12:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	7701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	19158	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	10432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	19622	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	15230	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	15364	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	28234	3.315	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	6355	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	12080	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	9959	0.182	ng/ul#	89
7) 2-Methylnaphthalene	12.409	142	6006	0.165	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	6144	0.172	ng/ul	100
10) Acenaphthylene	14.293	152	29752	0.653	ng/ul#	90
11) Acenaphthene	14.635	153	4091	0.106	ng/ul	96
12) Fluorene	15.621	166	9722	0.224	ng/ul	100
15) Phenanthrene	17.355	178	209103	3.223	ng/ul	93
16) Anthracene	17.444	178	29101	0.504	ng/ul	92
19) Fluoranthene	19.368	202	329361	4.505	ng/ul#	94
20) Pyrene	19.726	202	366335	4.989	ng/ul	99
21) Benzo(a)anthracene	21.471	228	132200	2.231	ng/ul	99
22) Chrysene	21.523	228	186951	2.959	ng/ul	98
24) Benzo(b)fluoranthene	23.157	252	214362	3.056	ng/ul	88
25) Benzo(k)fluoranthene	23.198	252	76181m	1.087	ng/ul	
26) Benzo(a)pyrene	23.777	252	147638	2.579	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.363	276	116349	1.448	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.376	278	28892	0.442	ng/ul	94
29) Benzo(g,h,i)perylene	27.124	276	106270	1.532	ng/ul	95

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

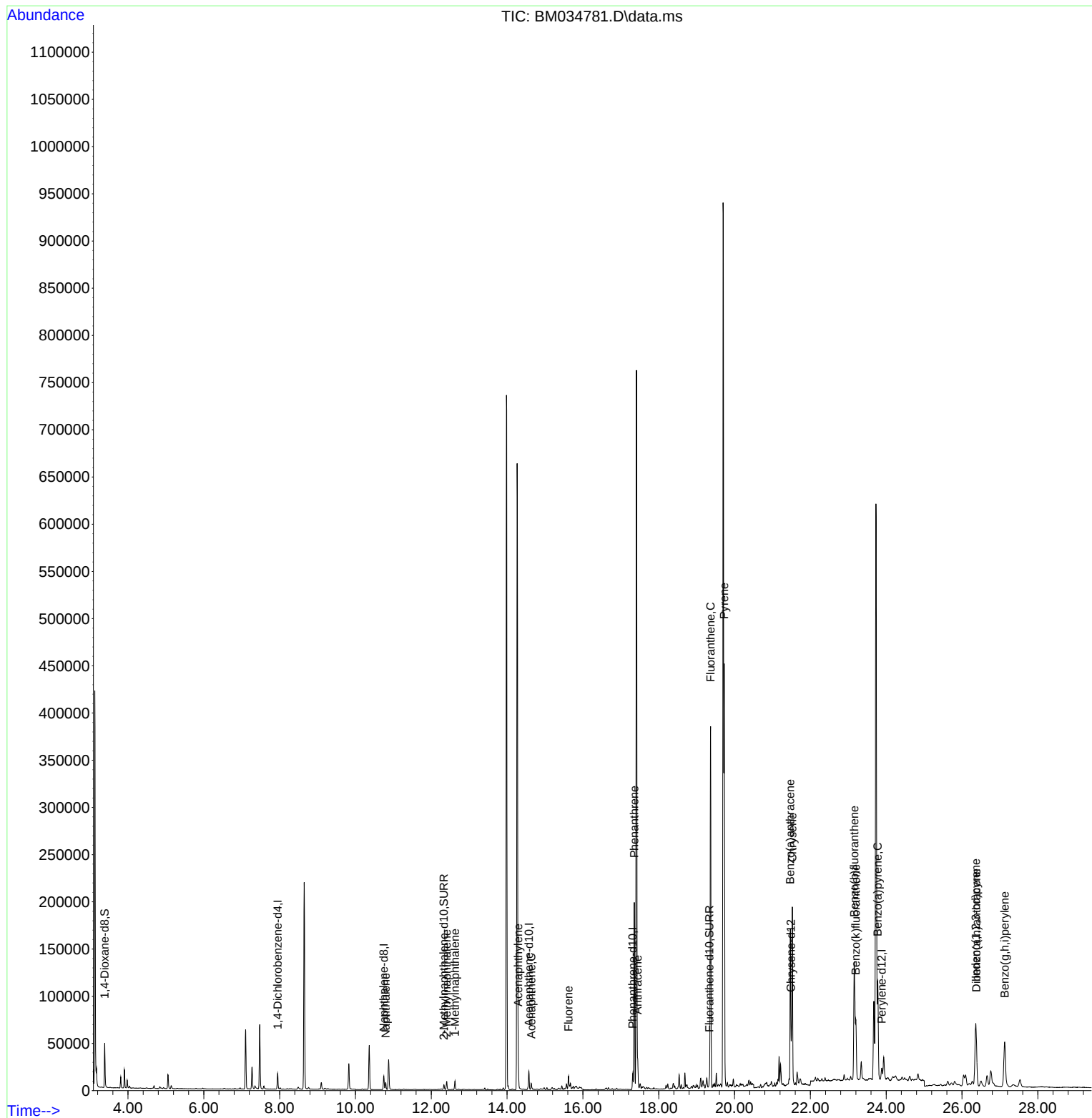
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034781.D
Acq On : 22 Apr 2022 23:14
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Sample : N2373-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

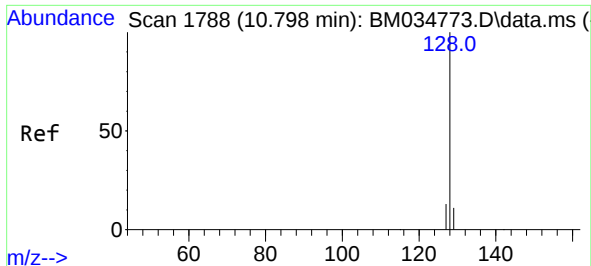
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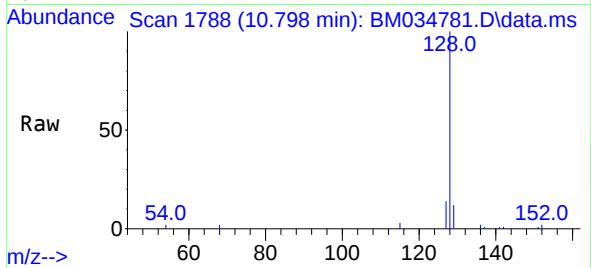
Quant Time: Apr 23 03:12:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.182 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

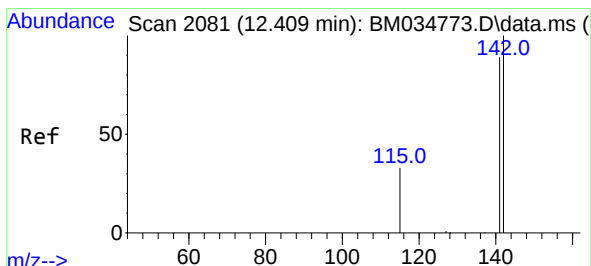
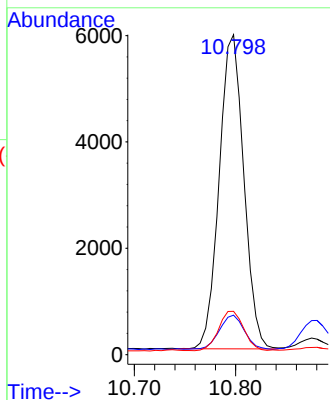
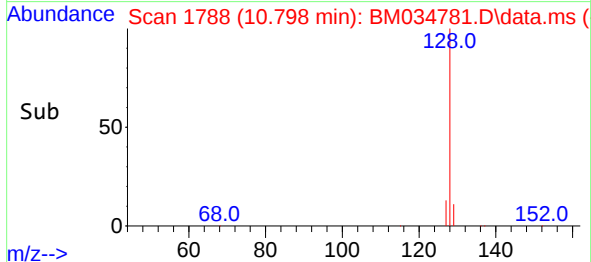
Instrument :
BNA_M
ClientSampleId :
BFFE7



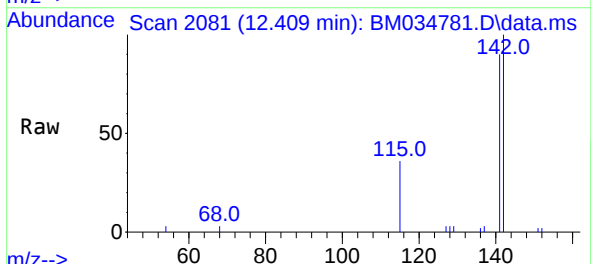
Tgt Ion:128 Resp: 995
Ion Ratio Lower Upper
128 100
129 12.4 13.4 20.2
127 13.6 15.2 22.8

Manual Integrations
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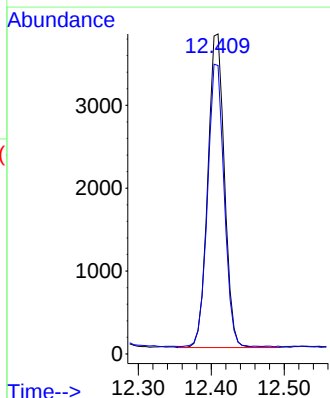
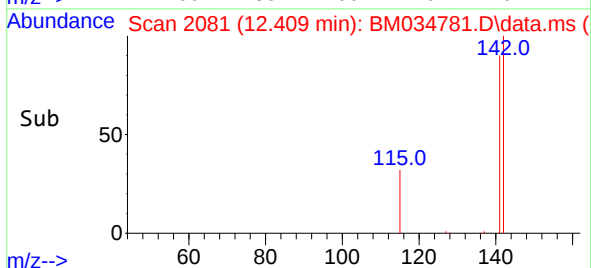
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

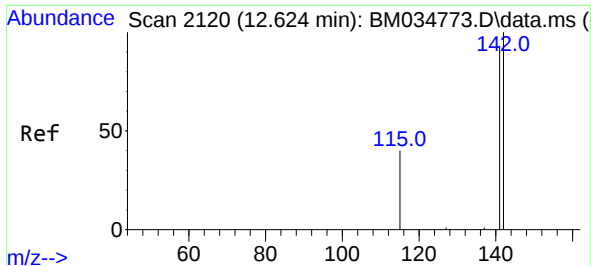


#7
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



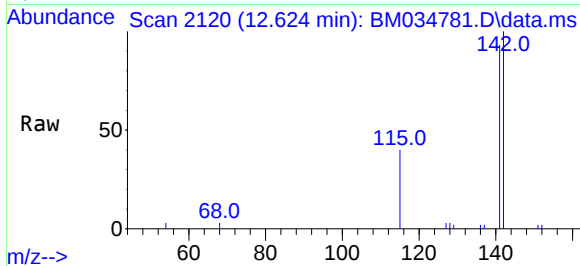
Tgt Ion:142 Resp: 6006
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

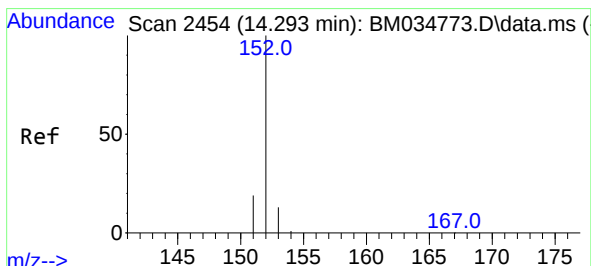
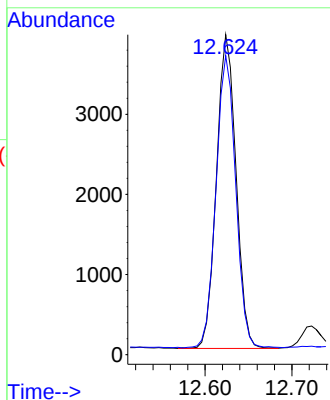
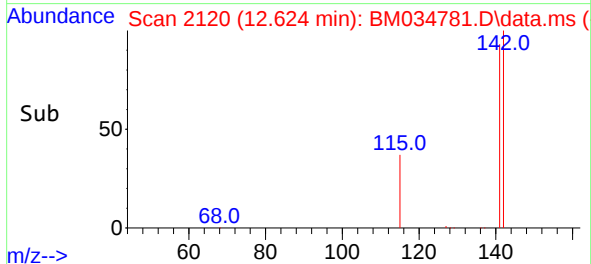
Instrument :
BNA_M
ClientSampleId :
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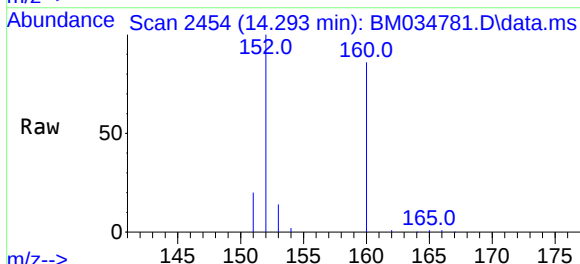
Tgt Ion:142 Resp: 6144
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4

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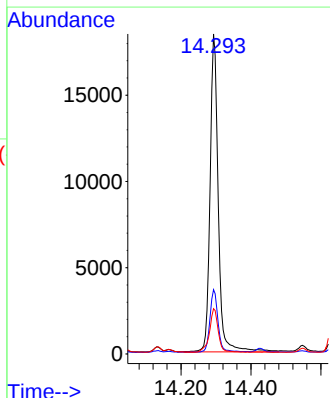
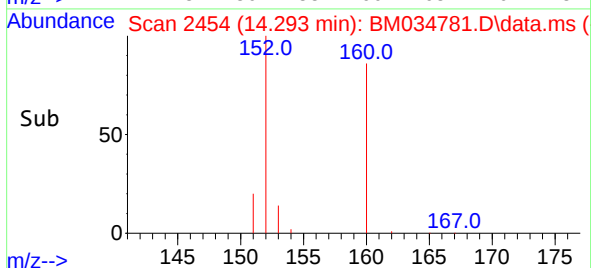
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

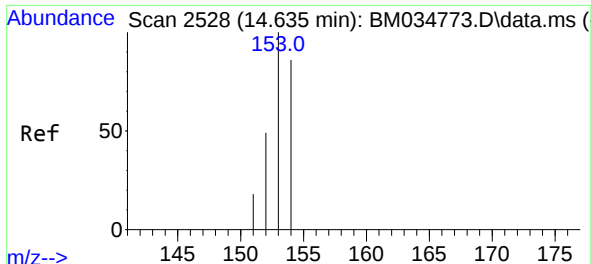


#10
Acenaphthylene
Concen: 0.653 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



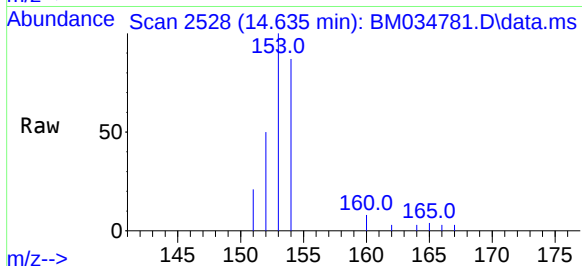
Tgt Ion:152 Resp: 29752
Ion Ratio Lower Upper
152 100
151 20.1 19.9 29.9
153 14.2 15.0 22.4#





#11
Acenaphthene
Concen: 0.106 ng/u1
RT: 14.635 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

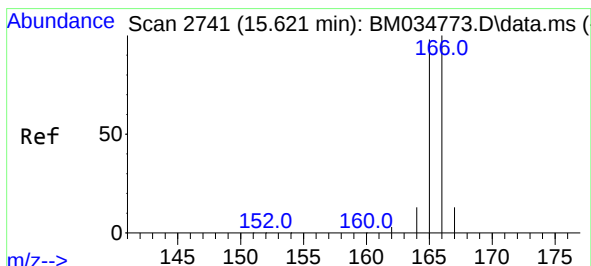
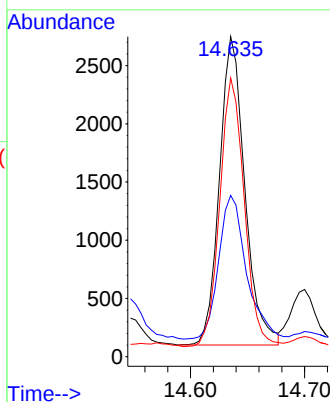
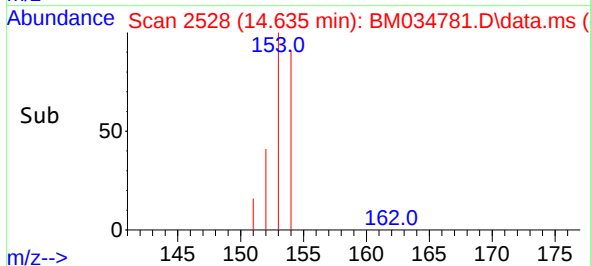
Instrument :
BNA_M
ClientSampleId :
BFFE7



Tgt Ion:153 Resp: 409
Ion Ratio Lower Upper
153 100
152 50.4 42.4 63.6
154 87.1 66.2 99.2

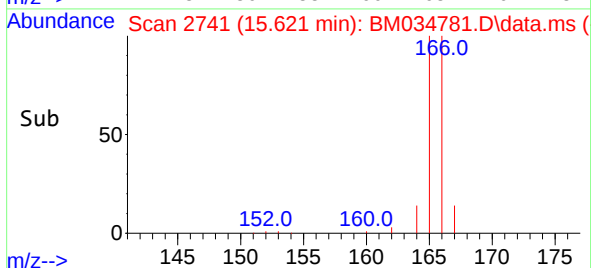
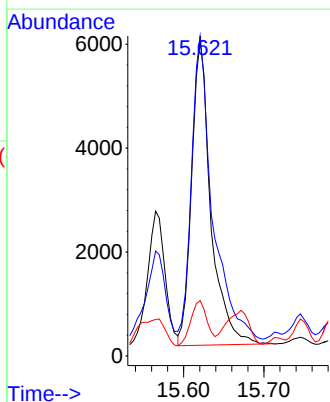
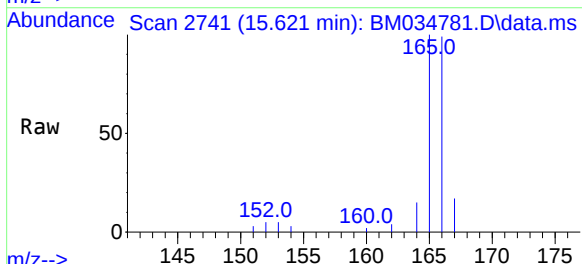
Manual Integrations
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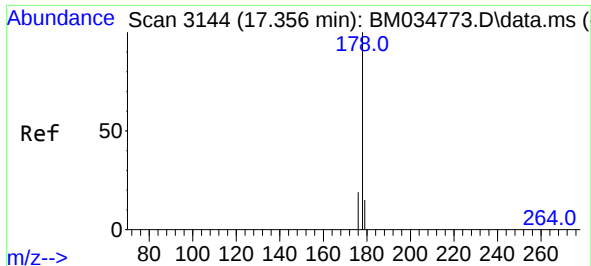
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#12
Fluorene
Concen: 0.224 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

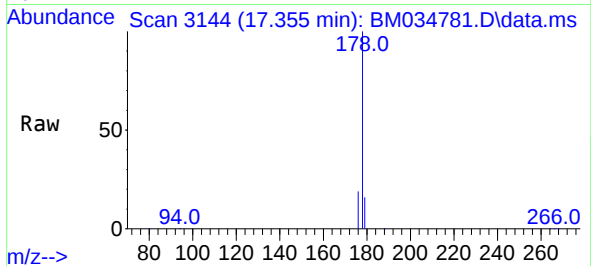
Tgt Ion:166 Resp: 9722
Ion Ratio Lower Upper
166 100
165 101.5 81.1 121.7
167 17.5 14.9 22.3





#15
Phenanthrene
Concen: 3.223 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

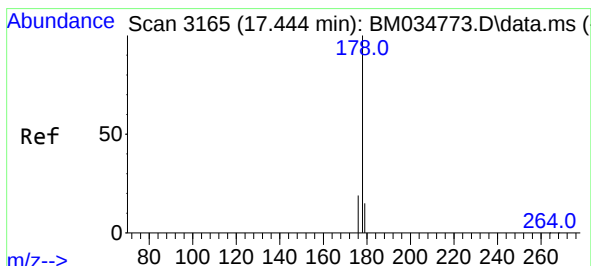
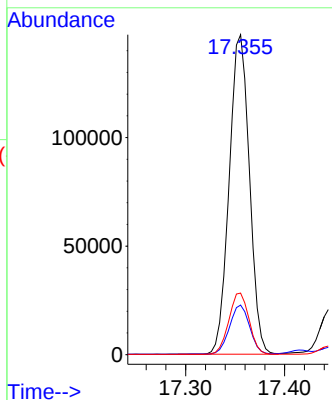
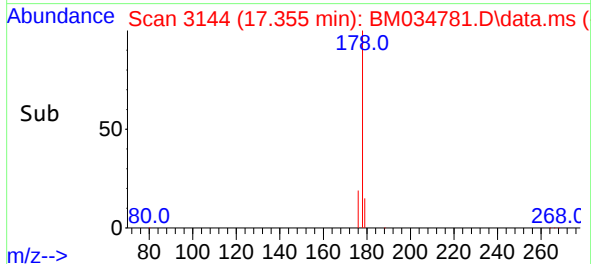
Instrument :
BNA_M
ClientSampleId :
BFFE7



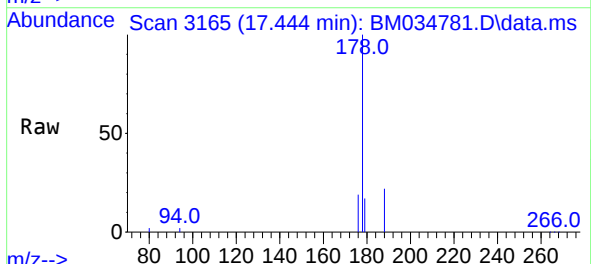
Tgt Ion:178 Resp: 20910
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.3 17.9 26.9

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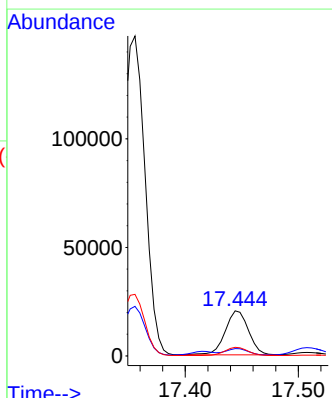
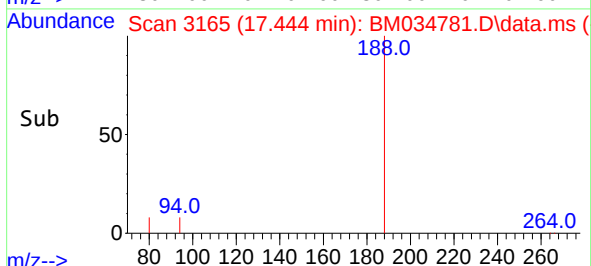
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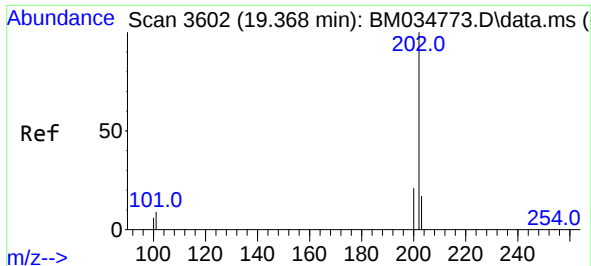


#16
Anthracene
Concen: 0.504 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



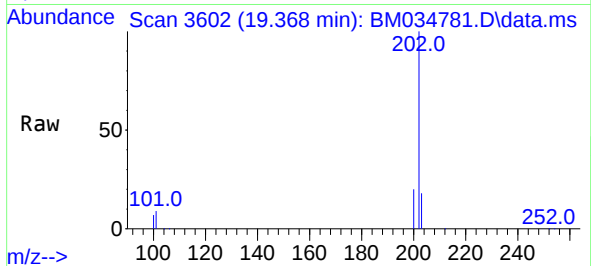
Tgt Ion:178 Resp: 29101
Ion Ratio Lower Upper
178 100
179 16.5 16.5 24.7
176 19.1 18.3 27.5





#19
Fluoranthene
Concen: 4.505 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

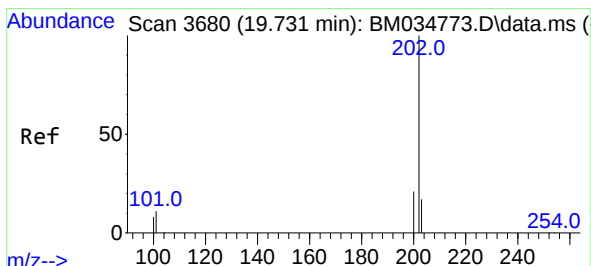
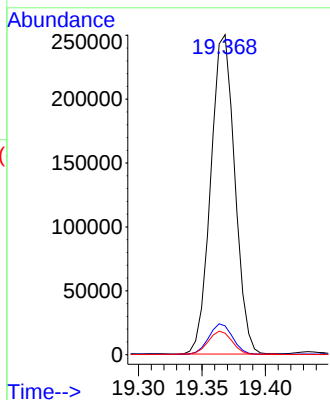
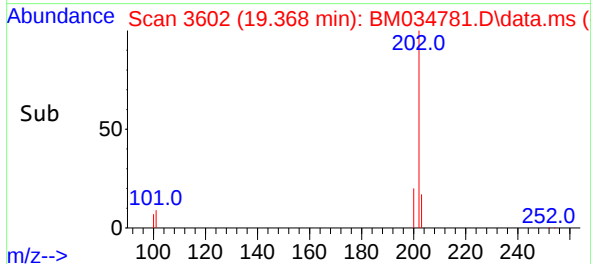
Instrument :
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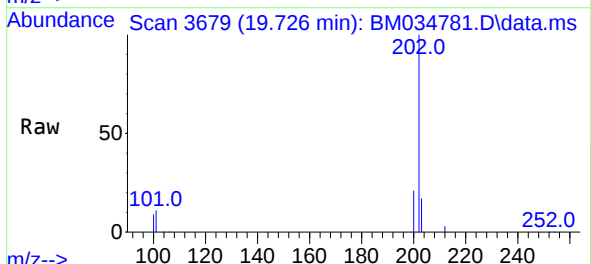
Tgt Ion:202 Resp: 32936
Ion Ratio Lower Upper
202 100
101 9.0 9.2 13.8
100 6.7 7.2 10.8

Manual Integrations
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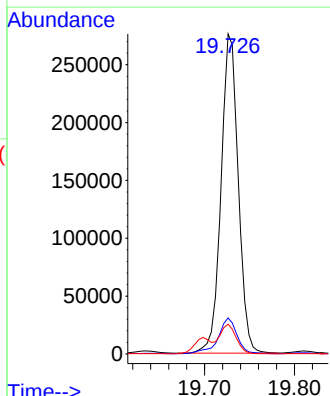
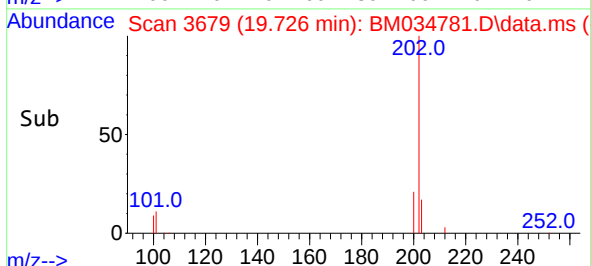
Reviewed By :Jagrut Upadhyay 04/25/2022
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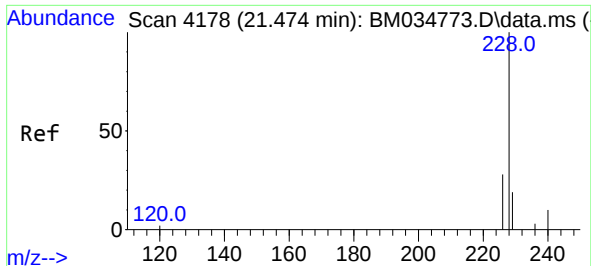


#20
Pyrene
Concen: 4.989 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



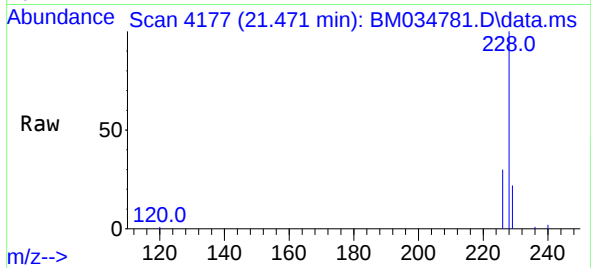
Tgt Ion:202 Resp: 366335
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.231 ng/u1
RT: 21.471 min Scan# 4178
Delta R.T. -0.001 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

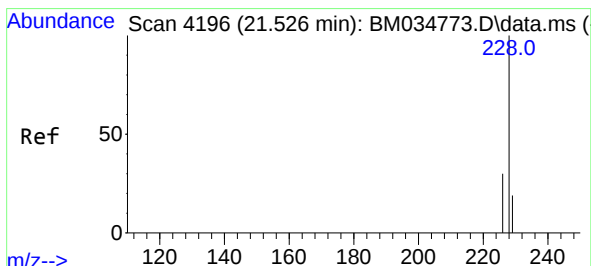
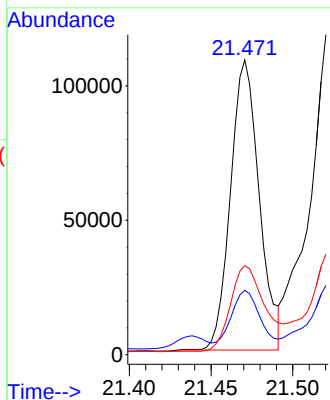
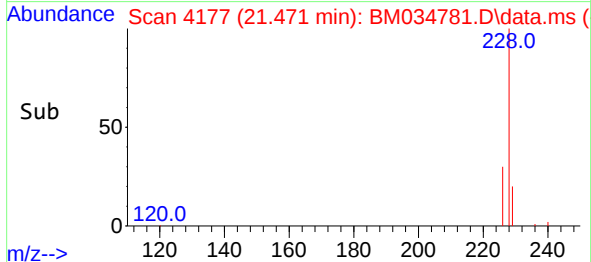
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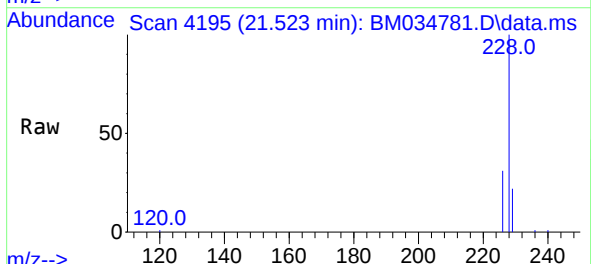
Tgt Ion:228 Resp: 132200
Ion Ratio Lower Upper
228 100
229 21.8 17.3 25.9
226 30.2 23.2 34.8

Manual Integrations
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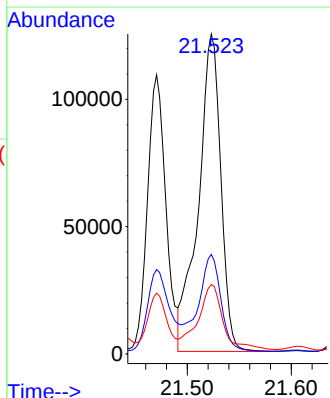
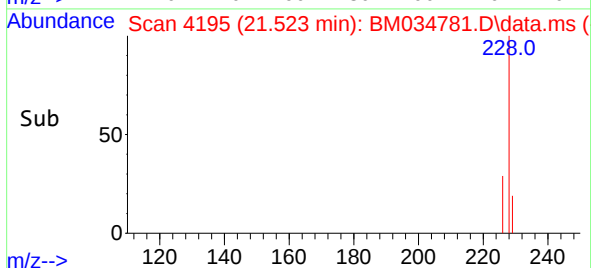
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

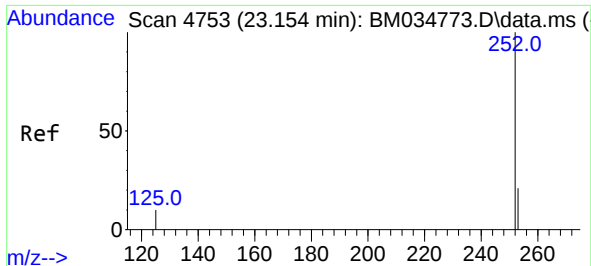


#22
Chrysene
Concen: 2.959 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



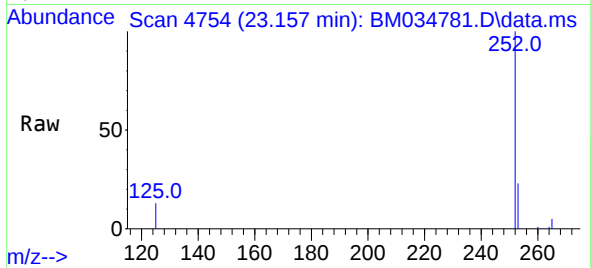
Tgt Ion:228 Resp: 186951
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 21.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.056 ng/ul
RT: 23.157 min Scan# 4753
Delta R.T. 0.005 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

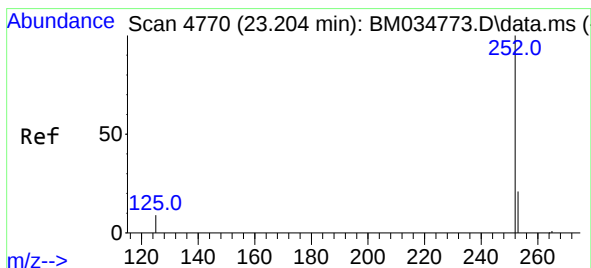
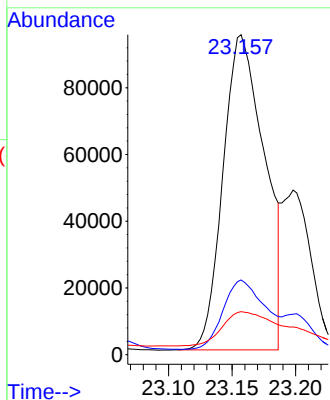
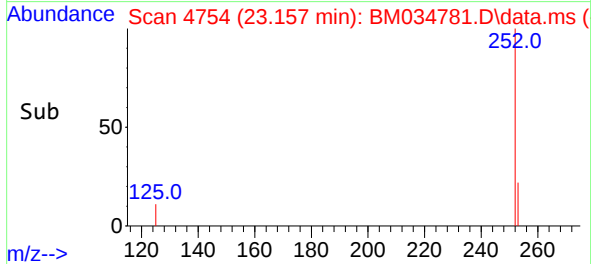
Instrument :
BNA_M
ClientSampleId :
BFFE7



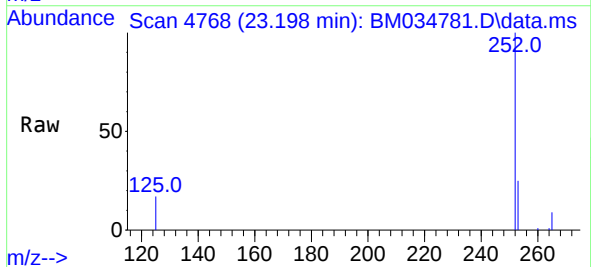
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Ion Ratio Lower Upper
252 100
253 23.3 0.0 64.2
125 13.4 0.0 28.8

Manual Integrations
APPROVED

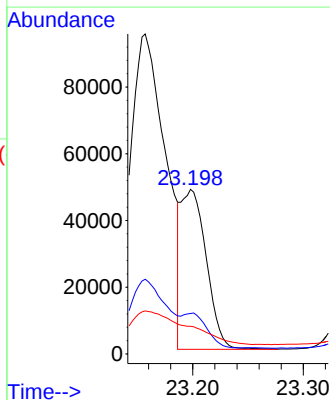
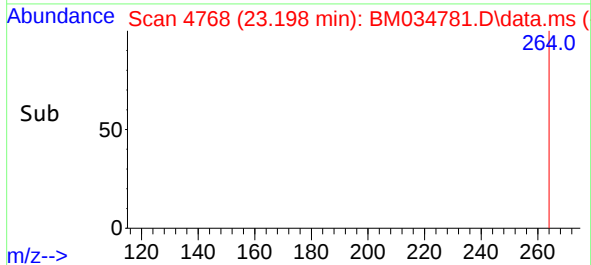
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

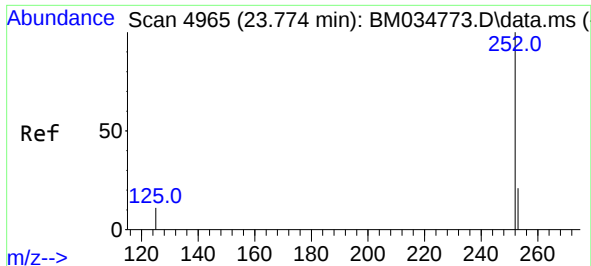


#25
Benzo(k)fluoranthene
Concen: 1.087 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



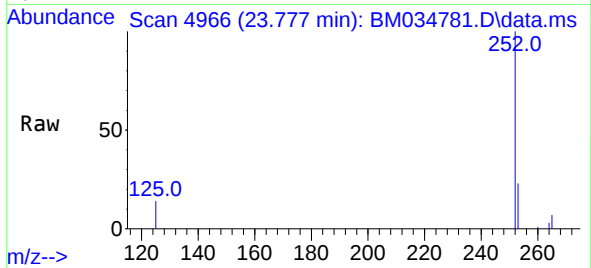
Tgt Ion:252 Resp: 76181
Ion Ratio Lower Upper
252 100
253 24.6 26.8 40.2#
125 16.8 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.579 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

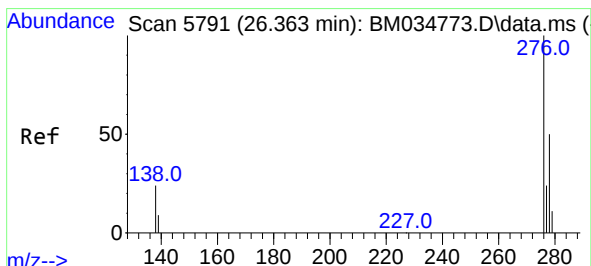
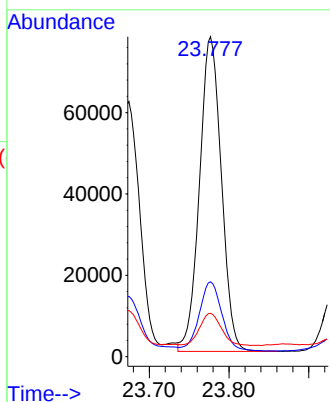
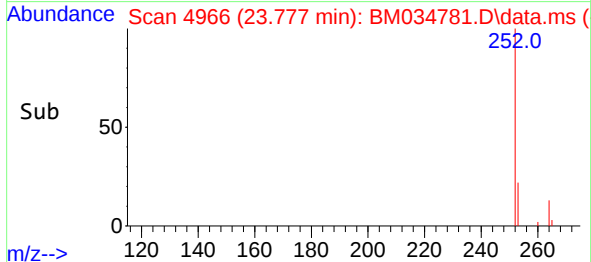
Instrument :
BNA_M
ClientSampleId :
BFFE7



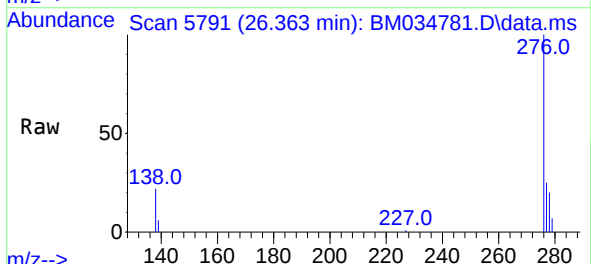
Tgt Ion:252 Resp: 147638
Ion Ratio Lower Upper
252 100
253 23.4 32.0 48.0
125 13.5 14.5 21.7

Manual Integrations
APPROVED

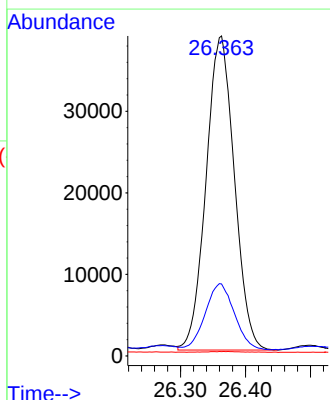
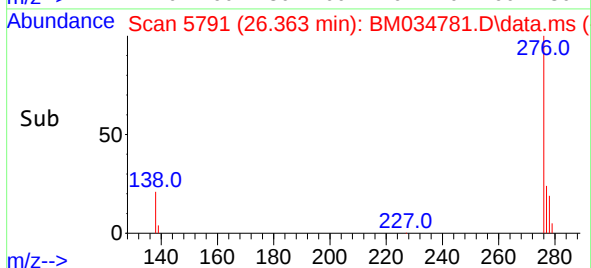
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

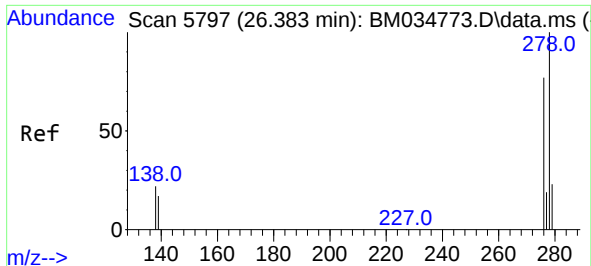


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.448 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



Tgt Ion:276 Resp: 116349
Ion Ratio Lower Upper
276 100
138 21.7 15.8 23.6
227 0.2 0.0 0.0





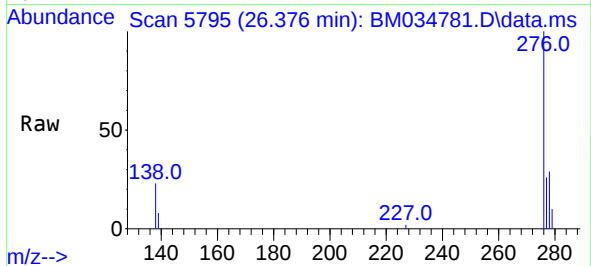
#28
Dibenzo(a,h)anthracene
Concen: 0.442 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14

Instrument :

BNA_M

ClientSampleId :

BFFE7

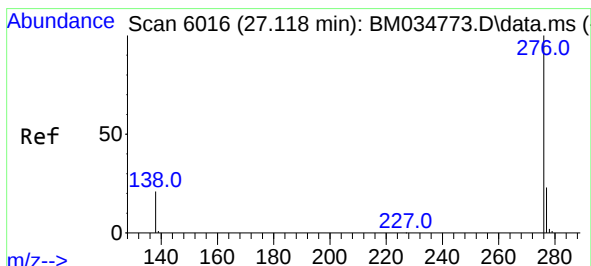
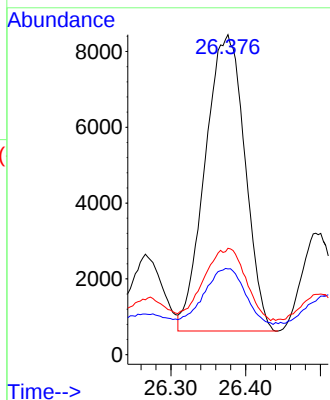
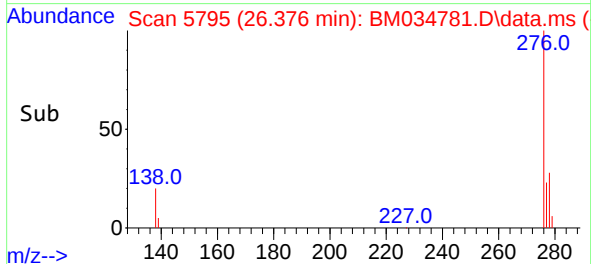


Tgt Ion:278 Resp: 28892
Ion Ratio Lower Upper
278 100
139 26.8 18.0 27.0
279 33.2 28.6 42.8

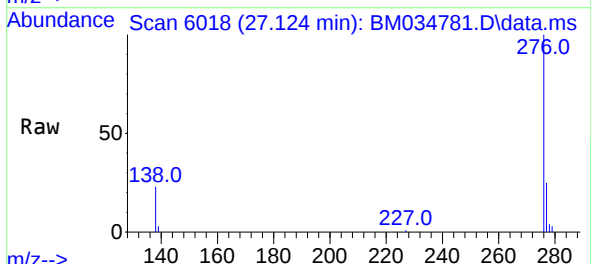
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#29
Benzo(g,h,i)perylene
Concen: 1.532 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. 0.005 min
Lab File: BM034781.D
Acq: 22 Apr 2022 23:14



Tgt Ion:276 Resp: 106270
Ion Ratio Lower Upper
276 100
138 23.0 17.4 26.0
277 24.9 22.6 33.8

