

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034779.D
 Acq On : 22 Apr 2022 22:02
 Operator : CG/JU
 Sample : N2373-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF0

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:08:26 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	6270	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.749	136	17559	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	9970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	19667	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	17172	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	17383	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	15783	2.276	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5387	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	13752	0.254	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	4857	0.097	ng/ul#	92
7) 2-Methylnaphthalene	12.404	142	2909	0.087	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	2380	0.073	ng/ul	100
10) Acenaphthylene	14.293	152	33982	0.780	ng/ul#	89
11) Acenaphthene	14.635	153	1457	0.040	ng/ul	94
12) Fluorene	15.621	166	3909	0.094	ng/ul	98
15) Phenanthrene	17.356	178	84130	1.294	ng/ul	92
16) Anthracene	17.444	178	21256	0.367	ng/ul#	91
19) Fluoranthene	19.368	202	213970	2.596	ng/ul#	92
20) Pyrene	19.726	202	240212	2.901	ng/ul	97
21) Benzo(a)anthracene	21.471	228	134080	2.007	ng/ul	95
22) Chrysene	21.523	228	166341	2.335	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	228505	2.879	ng/ul	87
25) Benzo(k)fluoranthene	23.198	252	84870m	1.070	ng/ul	
26) Benzo(a)pyrene	23.777	252	172475	2.663	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.360	276	138026	1.518	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.373	278	32175	0.435	ng/ul	92
29) Benzo(g,h,i)perylene	27.124	276	131308	1.673	ng/ul	96

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

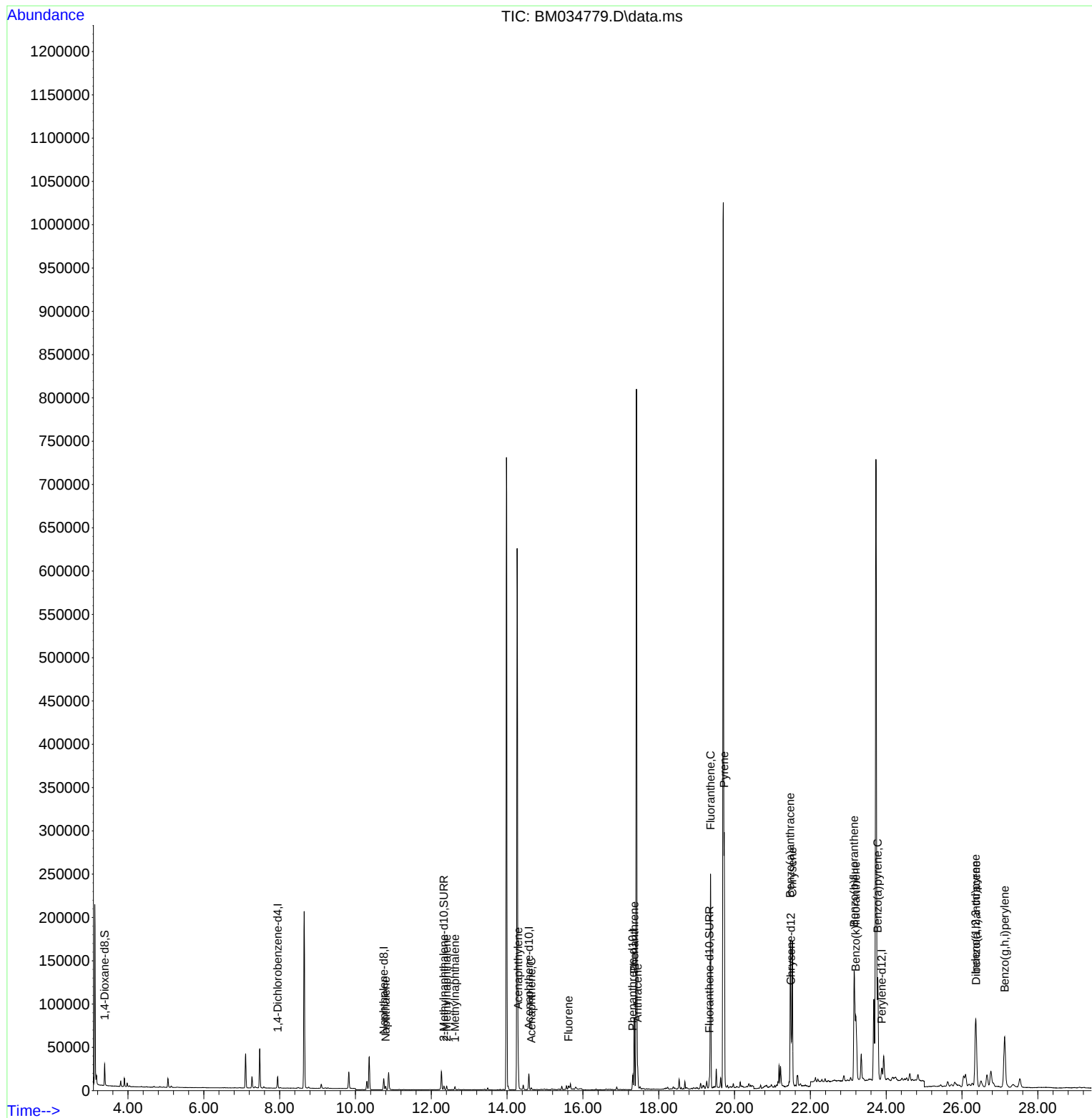
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034779.D
Acq On : 22 Apr 2022 22:02
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Misc :
ALS Vial : 16 Sample Multiplier: 1

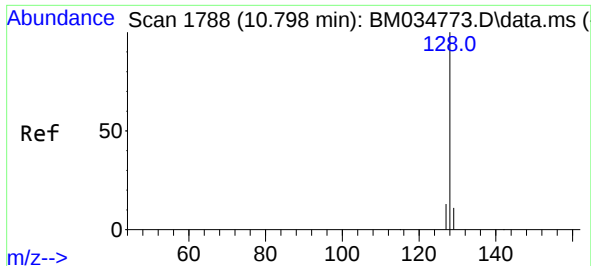
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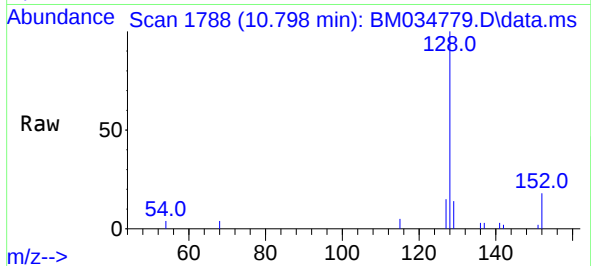
Quant Time: Apr 23 03:08:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

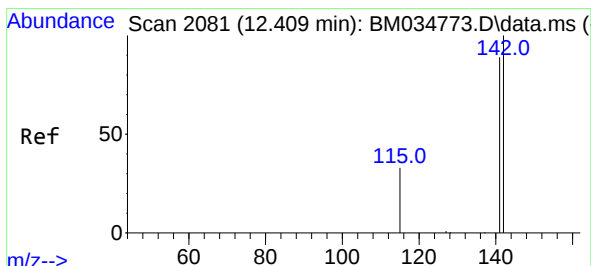
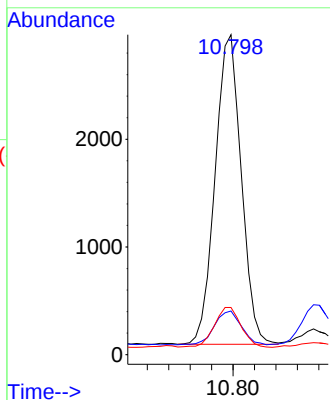
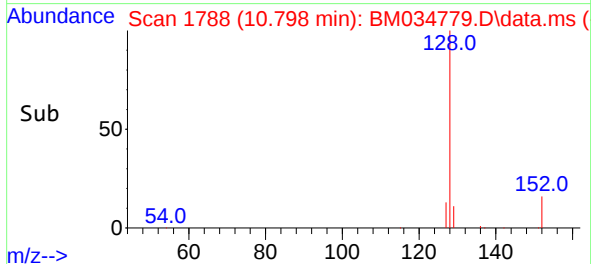
Instrument :
BNA_M
ClientSampleId :
BFFF0



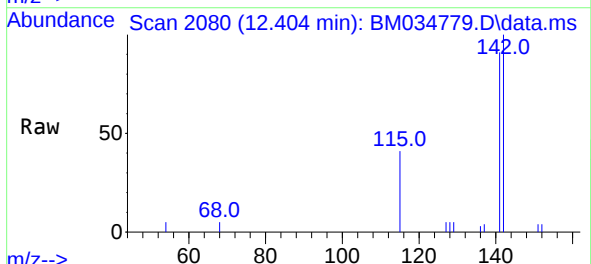
Tgt Ion:128 Resp: 485
Ion Ratio Lower Upper
128 100
129 13.6 13.4 20.2
127 14.8 15.2 22.8

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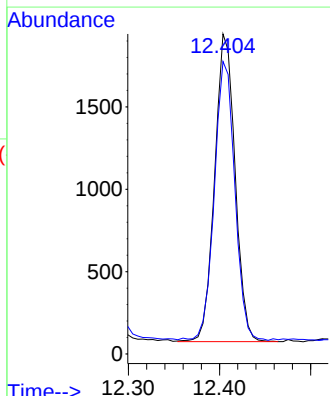
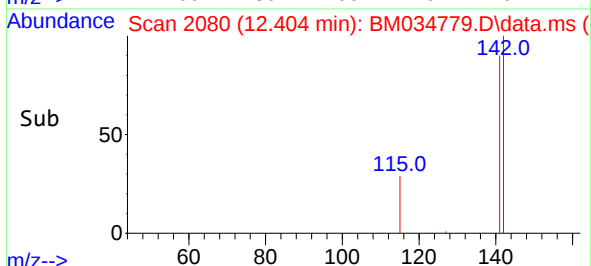
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

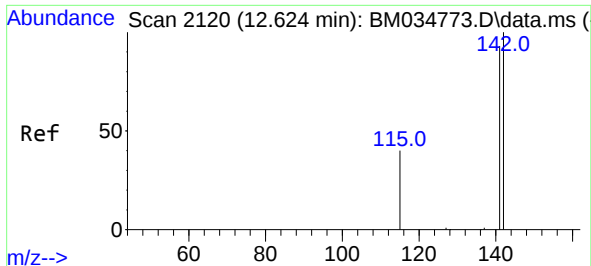


#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



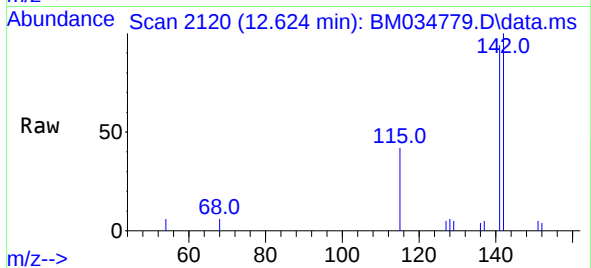
Tgt Ion:142 Resp: 2909
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.073 ng/u1
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

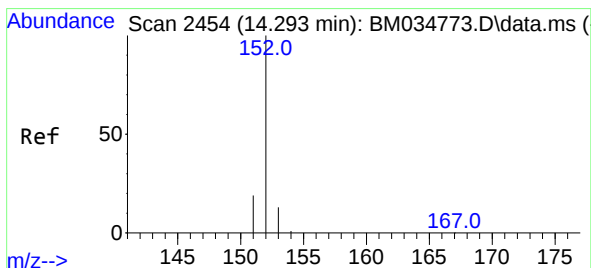
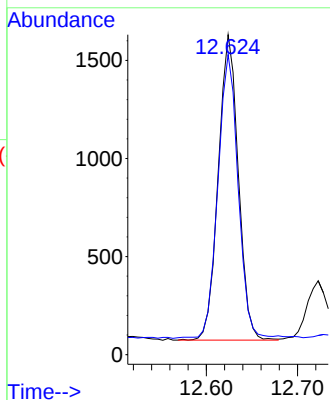
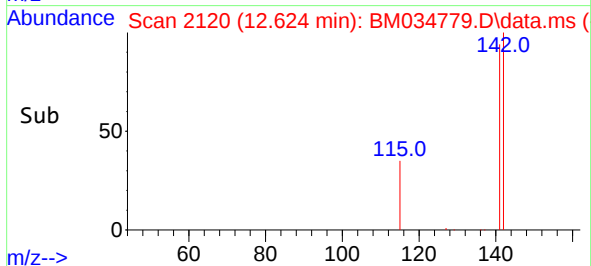
Instrument :
BNA_M
ClientSampleId :
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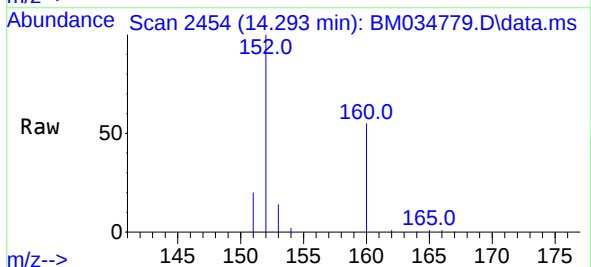
Tgt Ion:142 Resp: 2380
Ion Ratio Lower Upper
142 100
141 94.2 75.0 112.4

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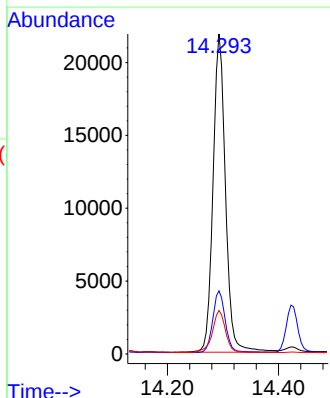
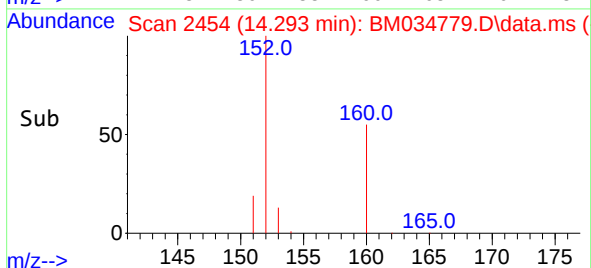
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

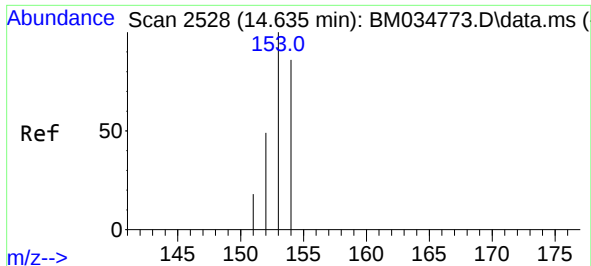


#10
Acenaphthylene
Concen: 0.780 ng/u1
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



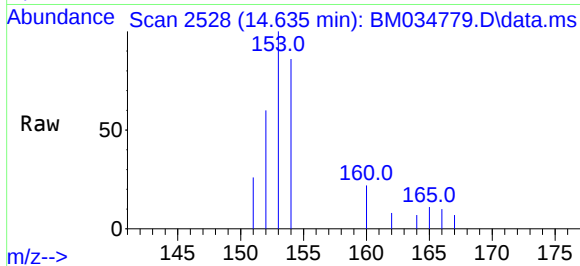
Tgt Ion:152 Resp: 33982
Ion Ratio Lower Upper
152 100
151 19.7 19.9 29.9#
153 13.6 15.0 22.4#





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.635 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

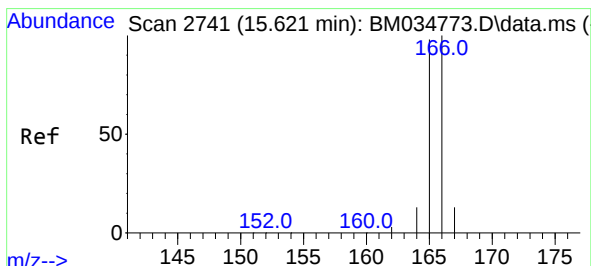
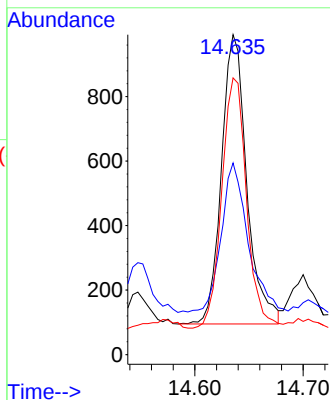
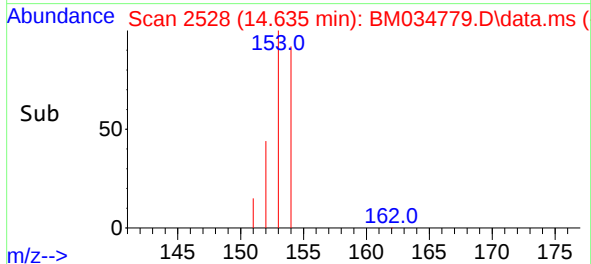
Instrument :
BNA_M
ClientSampleId :
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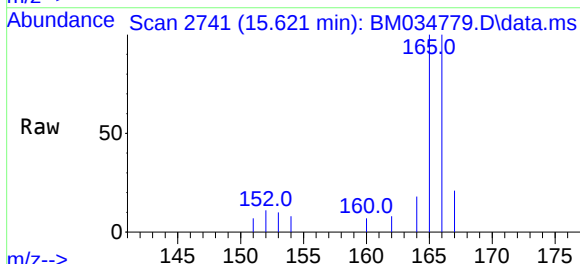
Tgt Ion:153 Resp: 145
Ion Ratio Lower Upper
153 100
152 59.9 42.4 63.6
154 86.5 66.2 99.2

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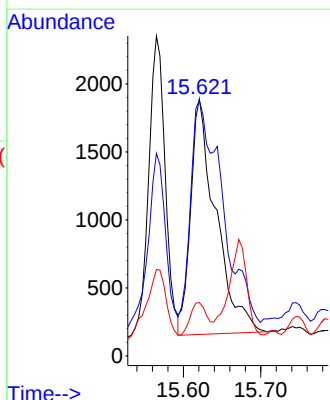
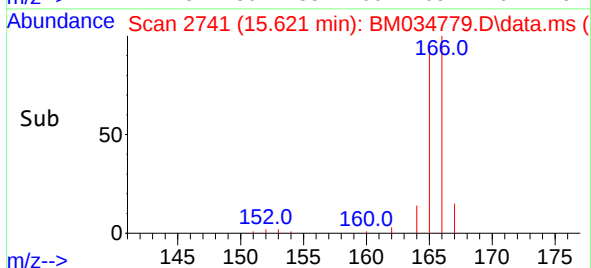
Reviewed By :Jagrut Upadhyay 04/25/2022
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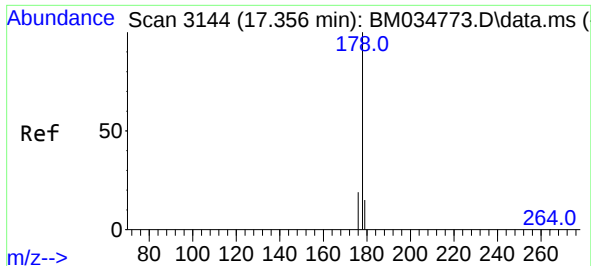


#12
Fluorene
Concen: 0.094 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



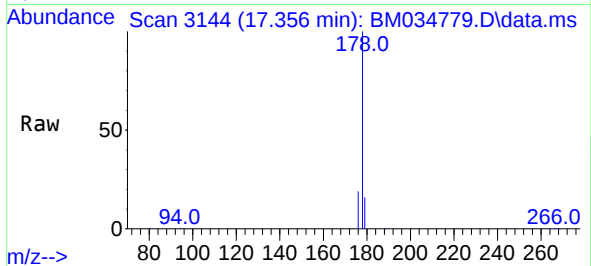
Tgt Ion:166 Resp: 3909
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 20.8 14.9 22.3





#15
Phenanthrene
Concen: 1.294 ng/u1
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

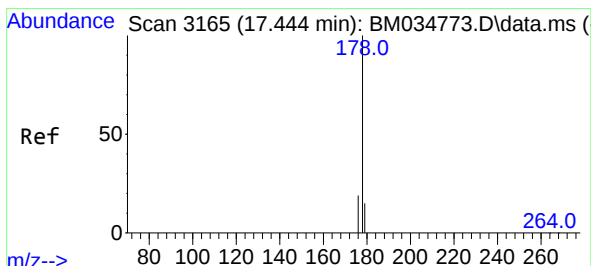
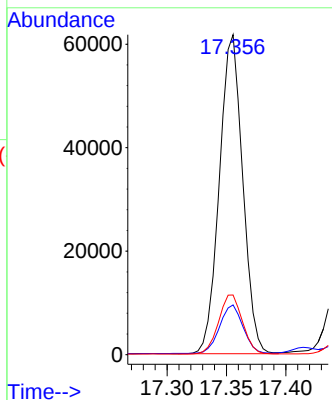
Instrument :
BNA_M
ClientSampleId :
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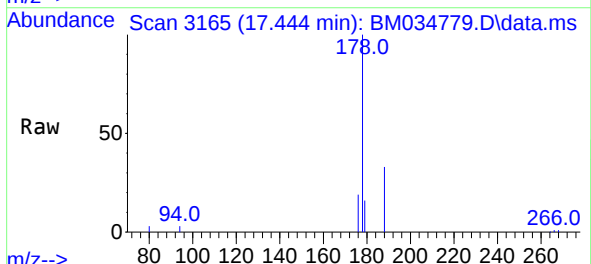
Tgt Ion:178 Resp: 84130
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 18.6 17.9 26.9

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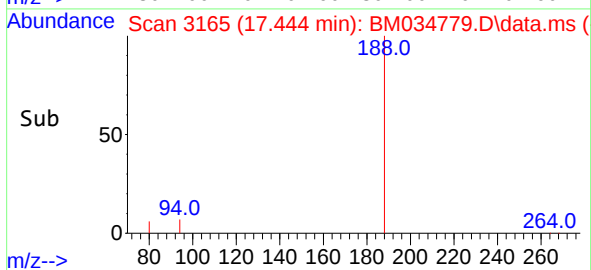
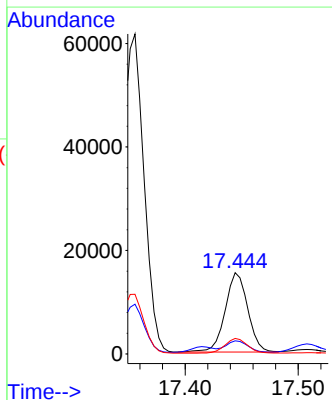
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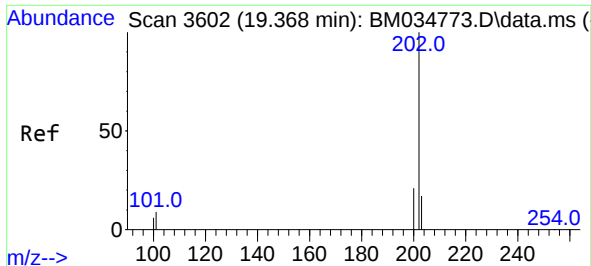


#16
Anthracene
Concen: 0.367 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



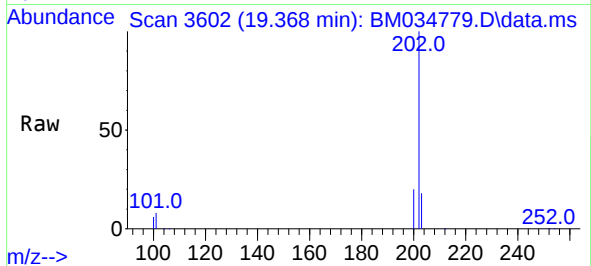
Tgt Ion:178 Resp: 21256
Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 2.596 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

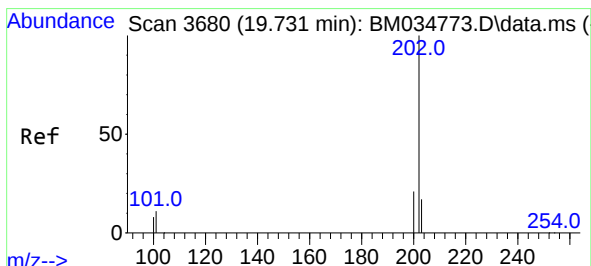
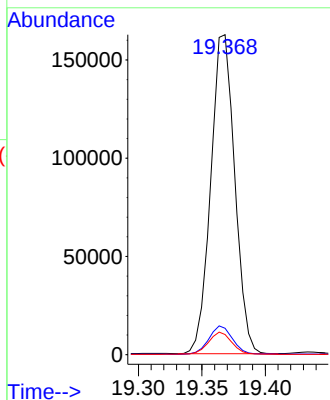
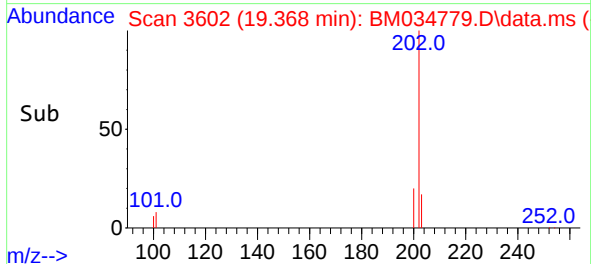
Instrument :
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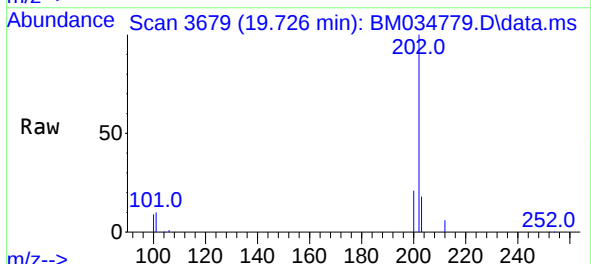
Tgt Ion:202 Resp: 213970
Ion Ratio Lower Upper
202 100
101 8.3 9.2 13.8
100 6.3 7.2 10.8

Manual Integrations
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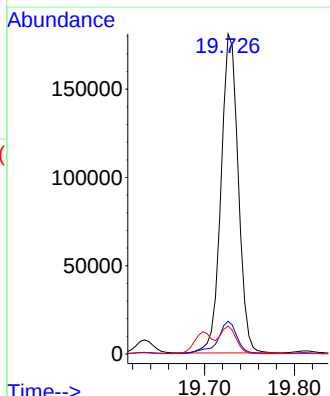
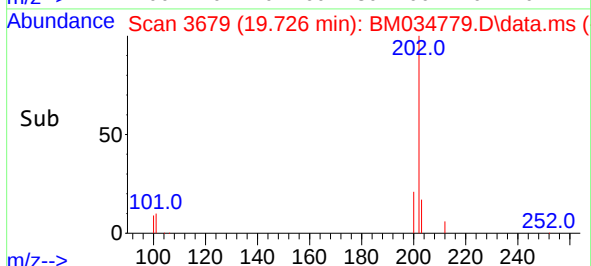
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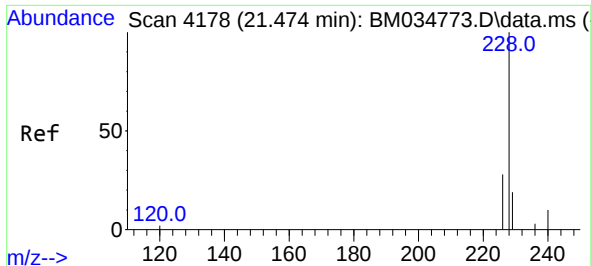


#20
Pyrene
Concen: 2.901 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



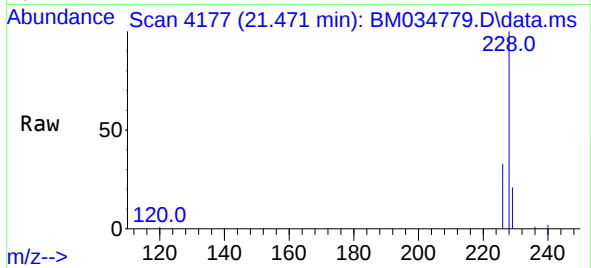
Tgt Ion:202 Resp: 240212
Ion Ratio Lower Upper
202 100
101 10.2 9.3 13.9
100 8.7 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.007 ng/u1
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

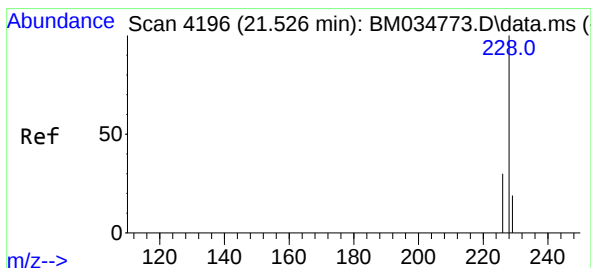
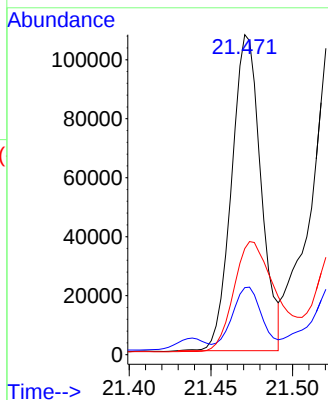
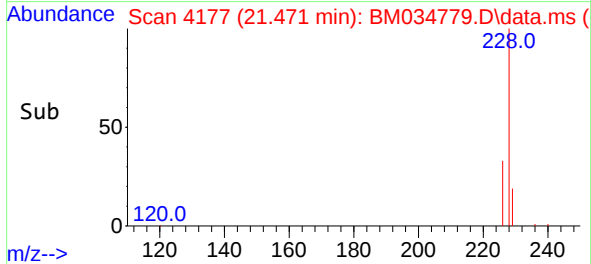
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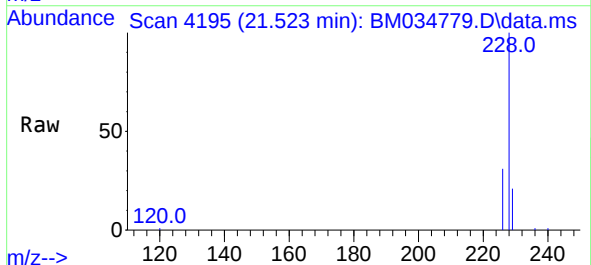
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Ion Ratio Lower Upper
228 100
229 21.0 17.3 25.9
226 33.2 23.2 34.8

Manual Integrations
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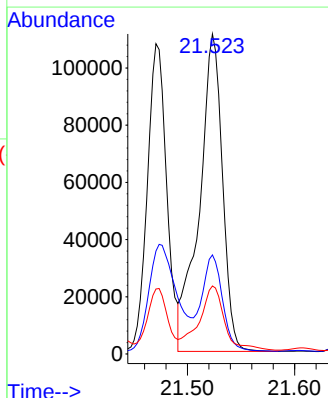
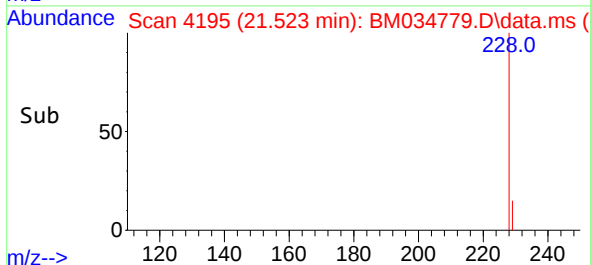
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Supervised By :mohammad ahmed 04/26/2022

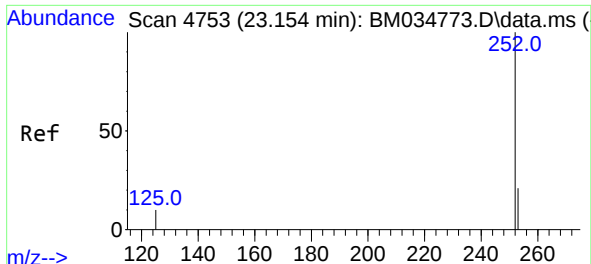


#22
Chrysene
Concen: 2.335 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



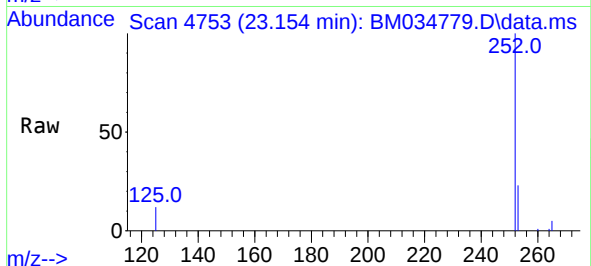
Tgt Ion:228 Resp: 166341
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.879 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

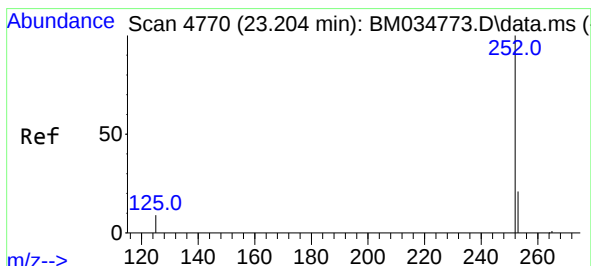
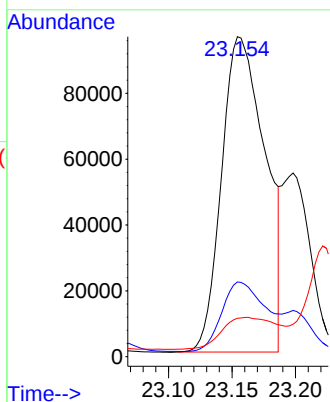
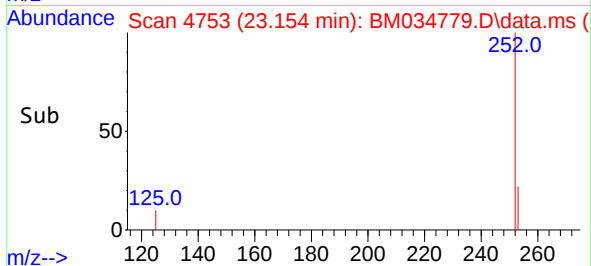
Instrument :
BNA_M
ClientSampleId :
BFFF0



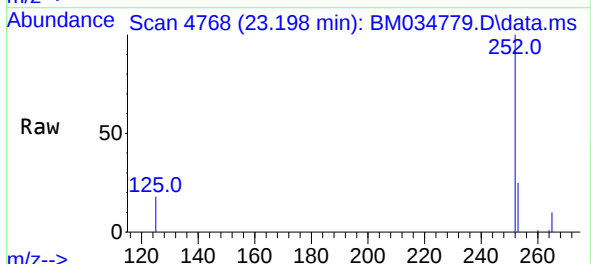
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Ion Ratio Lower Upper
252 100
253 23.3 0.0 64.2
125 12.0 0.0 28.8

Manual Integrations
APPROVED

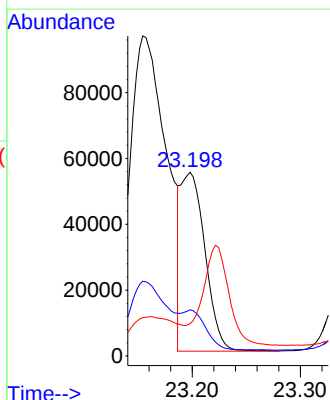
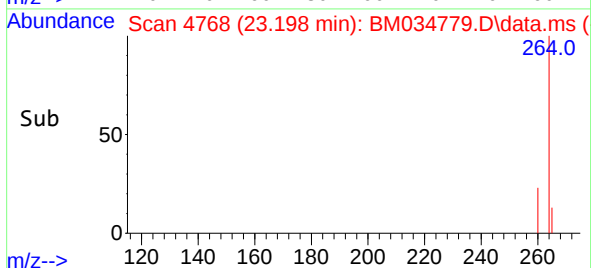
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

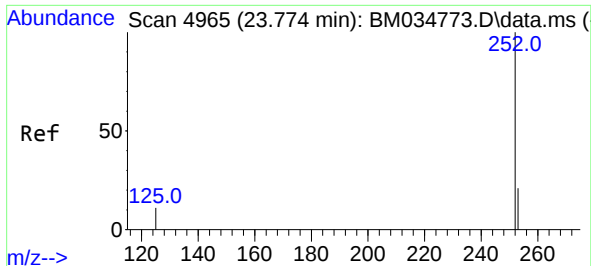


#25
Benzo(k)fluoranthene
Concen: 1.070 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



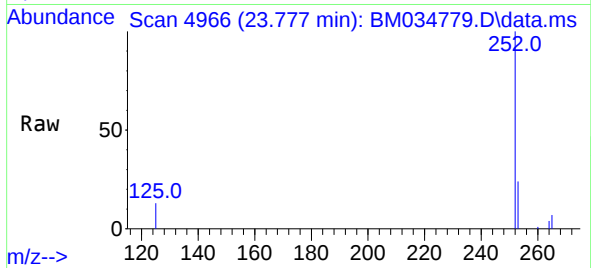
Tgt Ion:252 Resp: 84870
Ion Ratio Lower Upper
252 100
253 25.2 26.8 40.2#
125 17.7 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.663 ng/ul
RT: 23.777 min Scan# 4965
Delta R.T. 0.002 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

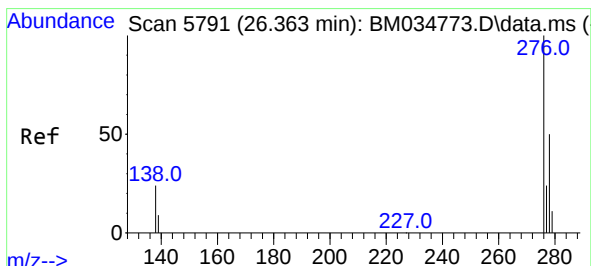
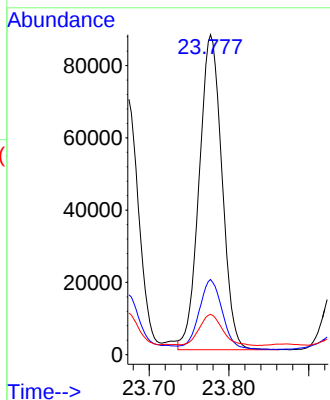
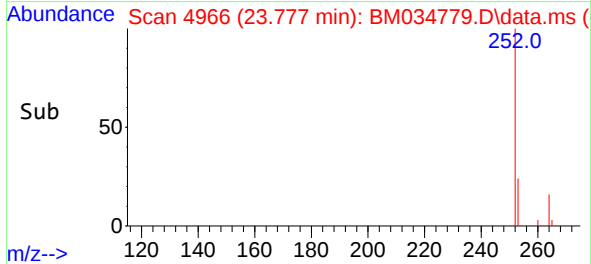
Instrument :
BNA_M
ClientSampleId :
BFFF0



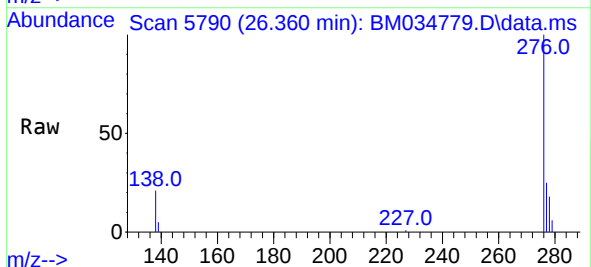
Tgt Ion:252 Resp: 172475
Ion Ratio Lower Upper
252 100
253 23.5 32.0 48.0
125 12.6 14.5 21.7

Manual Integrations
APPROVED

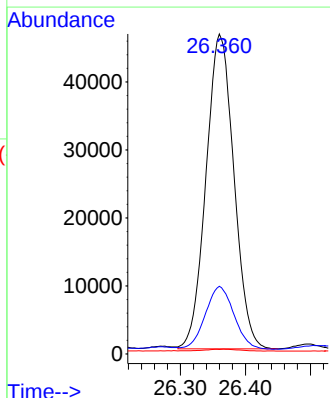
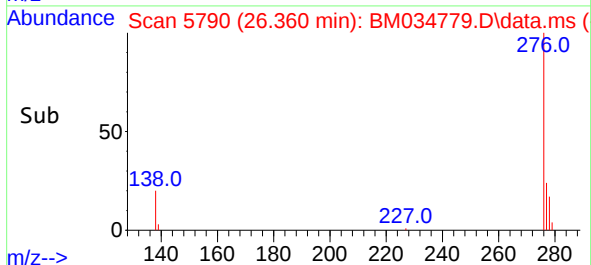
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

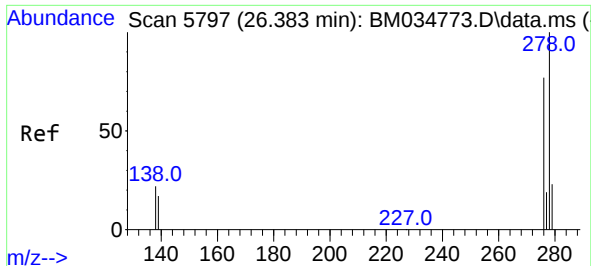


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.518 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.001 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



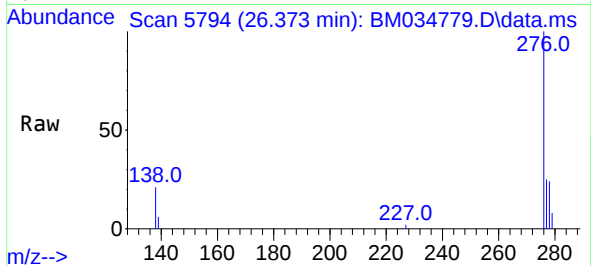
Tgt Ion:276 Resp: 138026
Ion Ratio Lower Upper
276 100
138 20.6 15.8 23.6
227 0.7 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 26.373 min Scan# 5797
Delta R.T. -0.011 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02

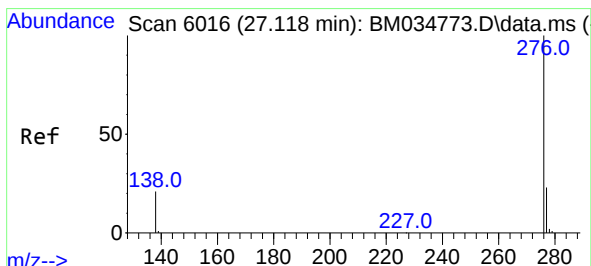
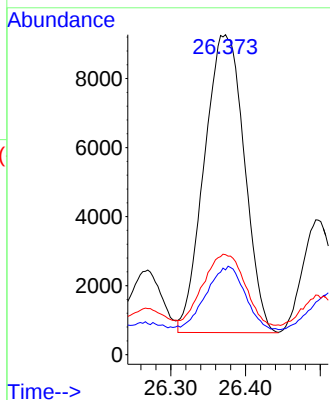
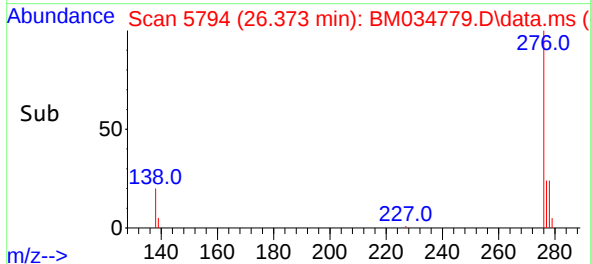
Instrument :
BNA_M
ClientSampleId :
BFFF0



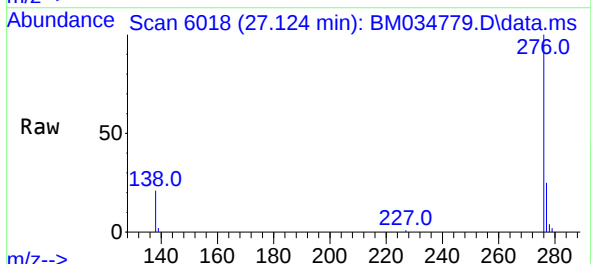
Tgt Ion: 278 Resp: 3217
Ion Ratio Lower Upper
278 100
139 26.5 18.0 27.0
279 31.2 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.673 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. 0.006 min
Lab File: BM034779.D
Acq: 22 Apr 2022 22:02



Tgt Ion: 276 Resp: 131308
Ion Ratio Lower Upper
276 100
138 21.2 17.4 26.0
277 24.5 22.6 33.8

