

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034776.D
 Acq On : 22 Apr 2022 20:13
 Operator : CG/JU
 Sample : N2373-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE2

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 02:51:31 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	5183	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	13264	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	7003	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	13402	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	12136	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	15032	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	9612	1.677	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2759	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	8640	0.226	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	6599	0.174	ng/ul#	90
7) 2-Methylnaphthalene	12.409	142	4989	0.198	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	4775	0.193	ng/ul	99
10) Acenaphthylene	14.293	152	45096	1.473	ng/ul#	90
11) Acenaphthene	14.635	153	5069	0.196	ng/ul	97
12) Fluorene	15.620	166	11895	0.408	ng/ul	98
14) Pentachlorophenol	16.963	266	633	0.159	ng/ul	98
15) Phenanthrene	17.355	178	317935	7.176	ng/ul	93
16) Anthracene	17.444	178	53319	1.351	ng/ul#	91
19) Fluoranthene	19.368	202	746895	12.820	ng/ul	95
20) Pyrene	19.731	202	805468	13.765	ng/ul	99
21) Benzo(a)anthracene	21.473	228	347874	7.368	ng/ul	99
22) Chrysene	21.526	228	522882	10.387	ng/ul	98
24) Benzo(b)fluoranthene	23.157	252	912848	13.300	ng/ul	84
25) Benzo(k)fluoranthene	23.201	252	270871m	3.950	ng/ul	
26) Benzo(a)pyrene	23.783	252	549707	9.814	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.366	276	536697	6.826	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.380	278	121843m	1.904	ng/ul	
29) Benzo(g,h,i)perylene	27.131	276	507581	7.478	ng/ul	92

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

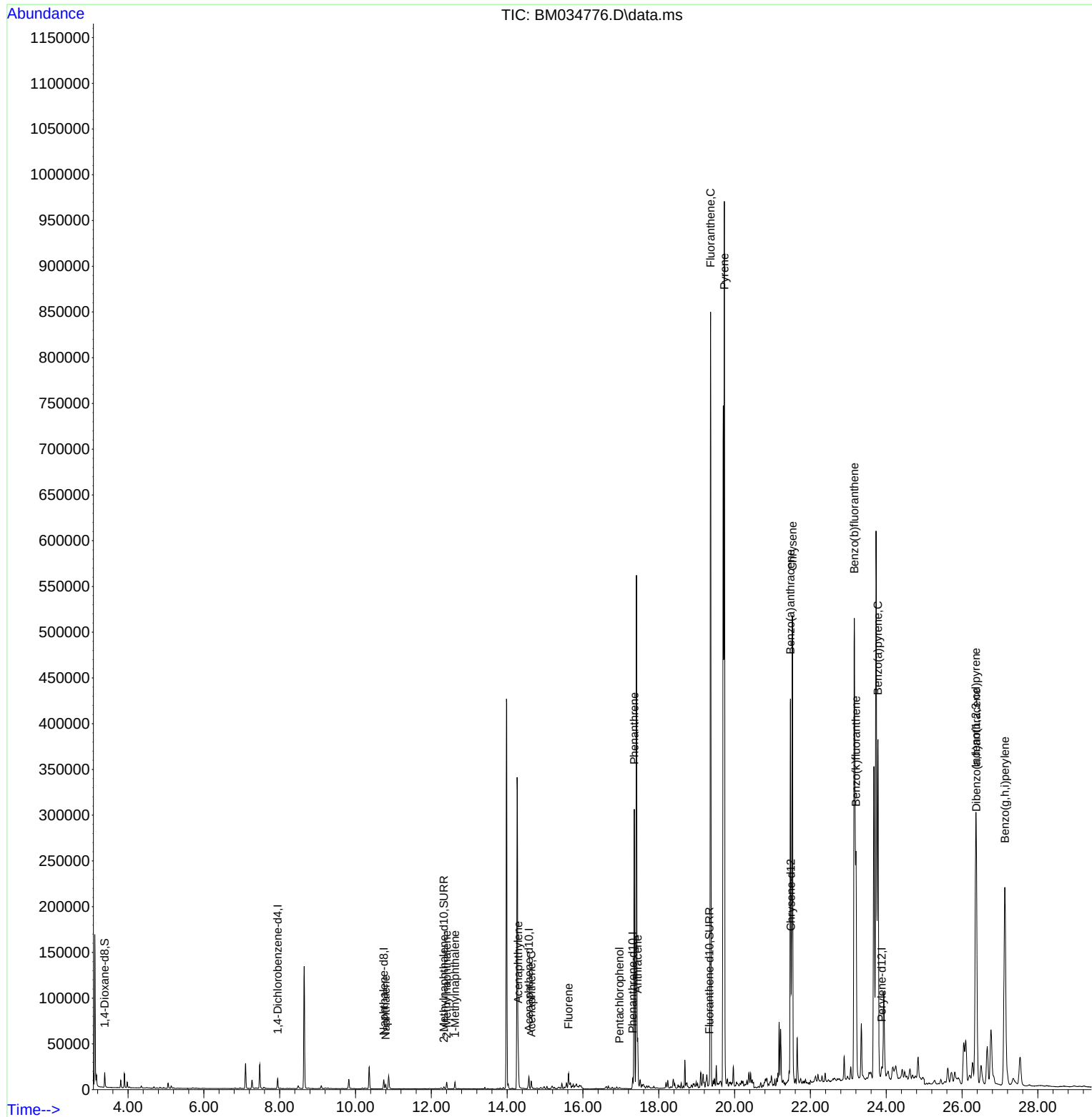
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034776.D
Acq On : 22 Apr 2022 20:13
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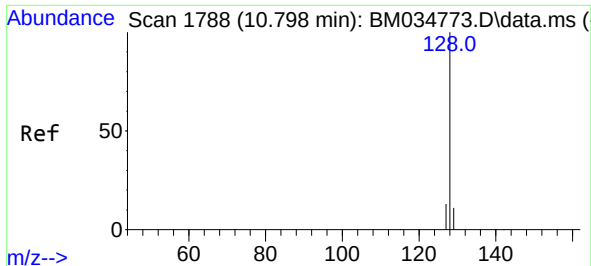
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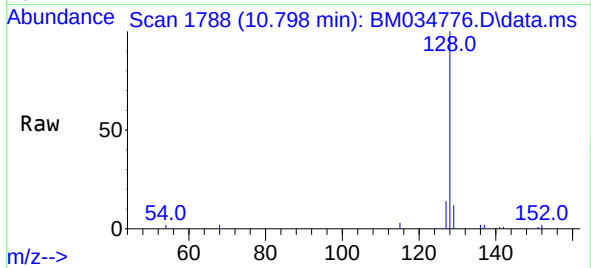
Quant Time: Apr 23 02:51:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.174 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

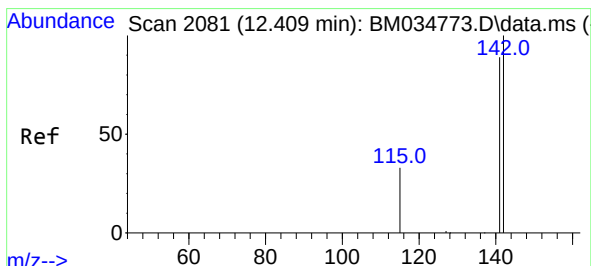
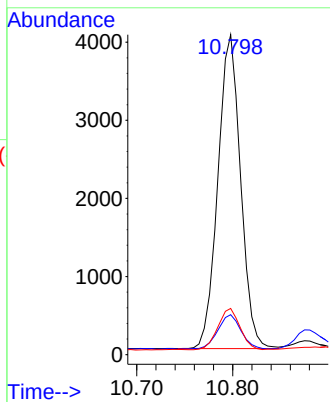
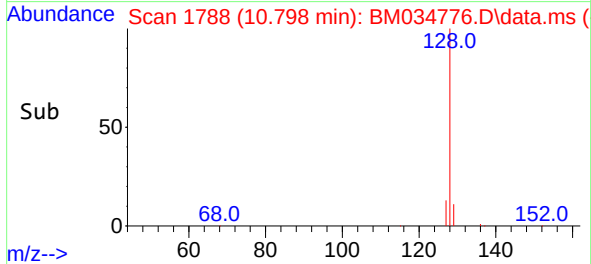
Instrument :
BNA_M
ClientSampleId :
BFFE2



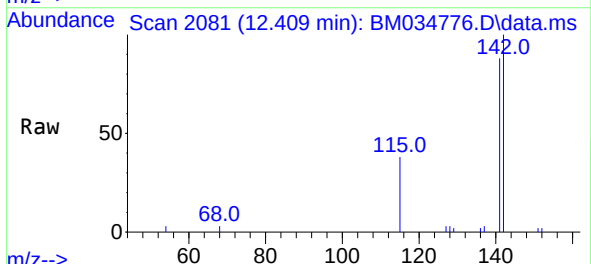
Tgt Ion:128 Resp: 6599
Ion Ratio Lower Upper
128 100
129 12.5 13.4 20.2
127 14.4 15.2 22.8

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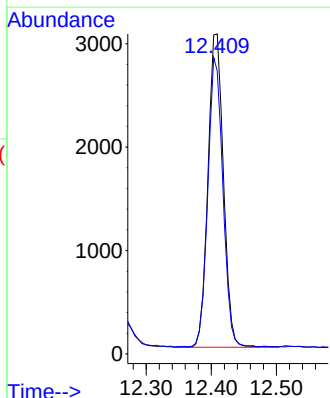
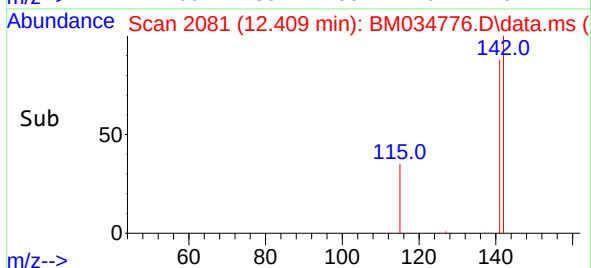
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

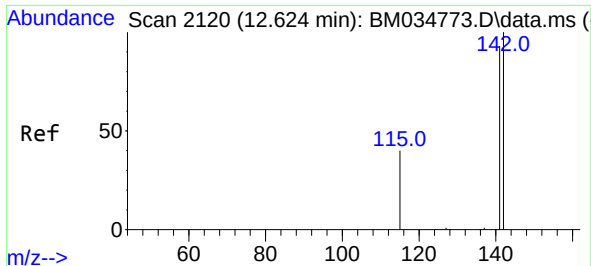


#7
2-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



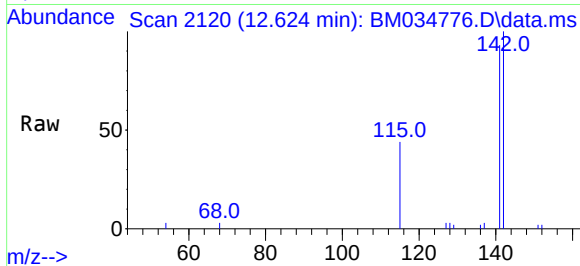
Tgt Ion:142 Resp: 4989
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

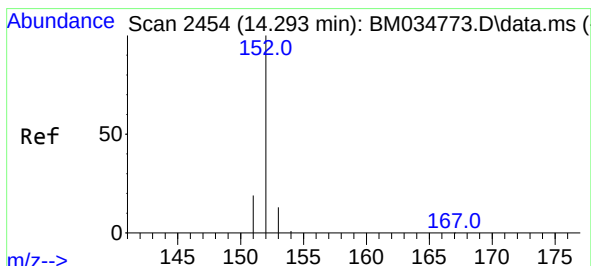
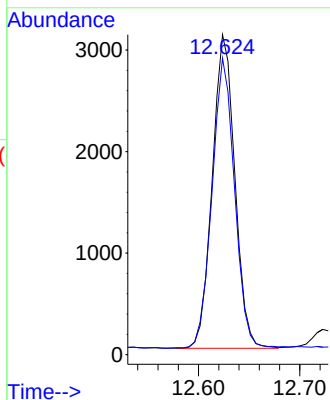
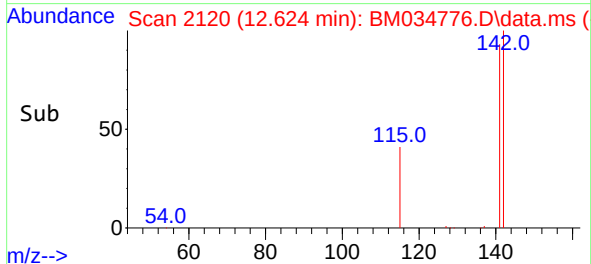
Instrument :
BNA_M
ClientSampleId :
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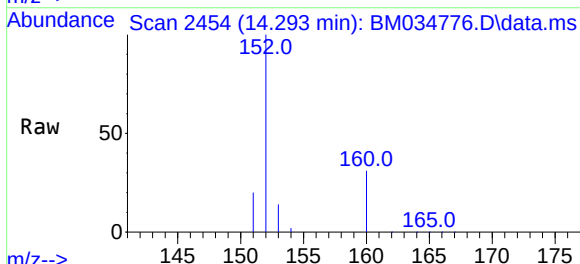
Tgt Ion:142 Resp: 4775
Ion Ratio Lower Upper
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141 92.5 75.0 112.4

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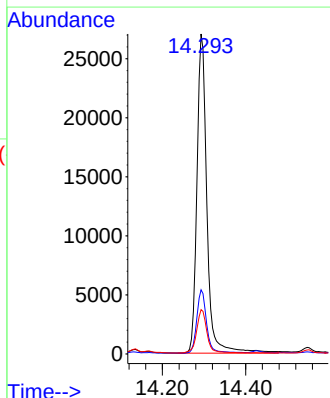
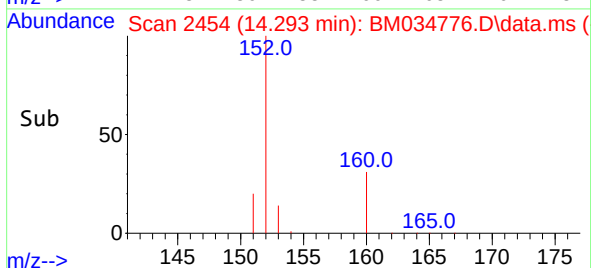
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

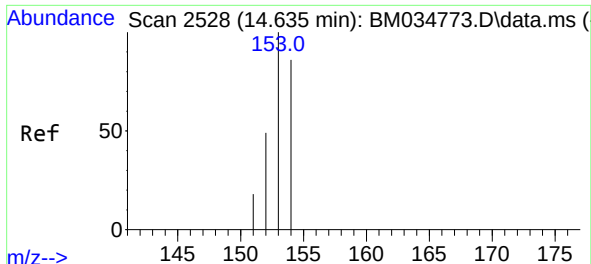


#10
Acenaphthylene
Concen: 1.473 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



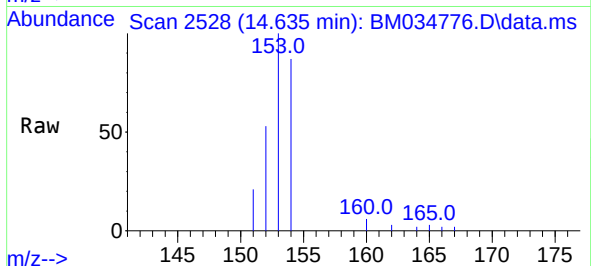
Tgt Ion:152 Resp: 45096
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.8 15.0 22.4#





#11
Acenaphthene
Concen: 0.196 ng/u1
RT: 14.635 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

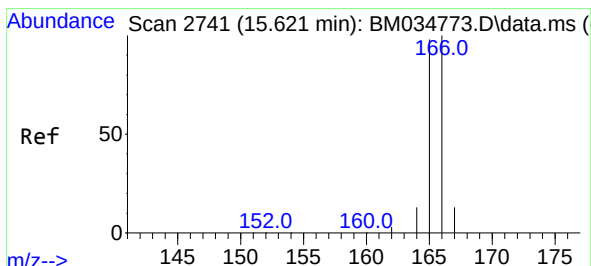
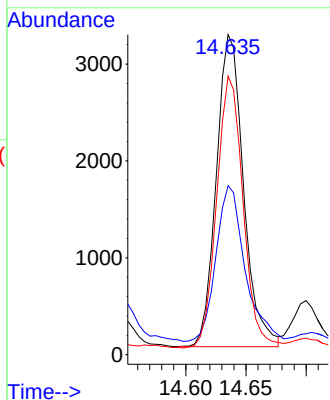
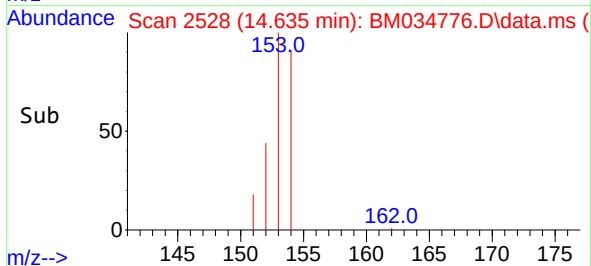
Instrument :
BNA_M
ClientSampleId :
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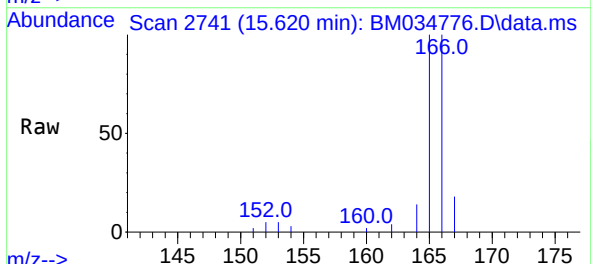
Tgt Ion:153 Resp: 5069
Ion Ratio Lower Upper
153 100
152 52.8 42.4 63.6
154 87.1 66.2 99.2

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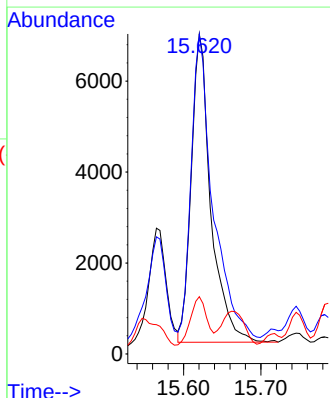
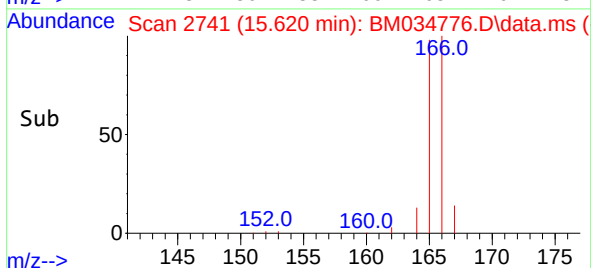
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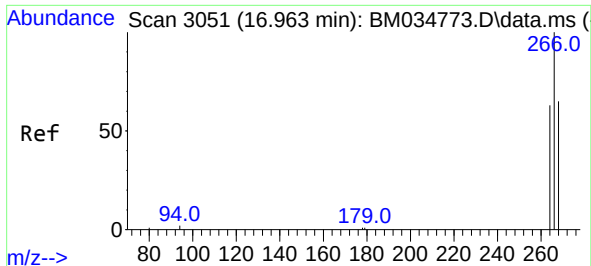


#12
Fluorene
Concen: 0.408 ng/u1
RT: 15.620 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



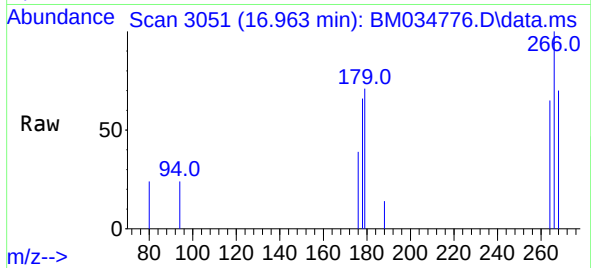
Tgt Ion:166 Resp: 11895
Ion Ratio Lower Upper
166 100
165 99.8 81.1 121.7
167 17.9 14.9 22.3





#14
Pentachlorophenol
Concen: 0.159 ng/u1
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

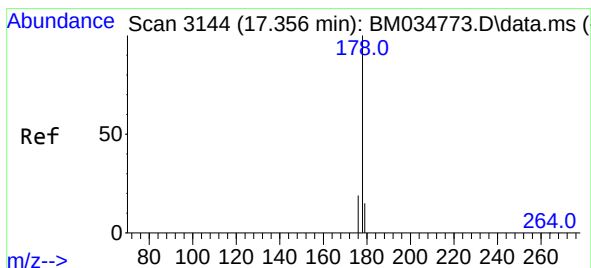
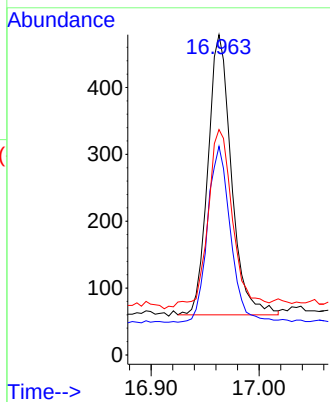
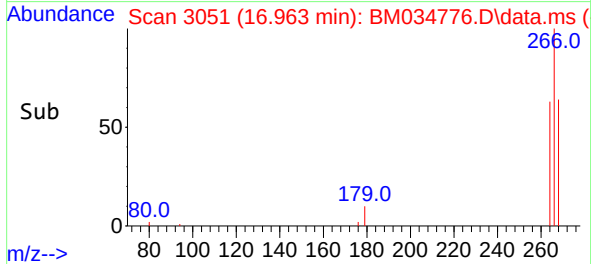
Instrument :
BNA_M
ClientSampleId :
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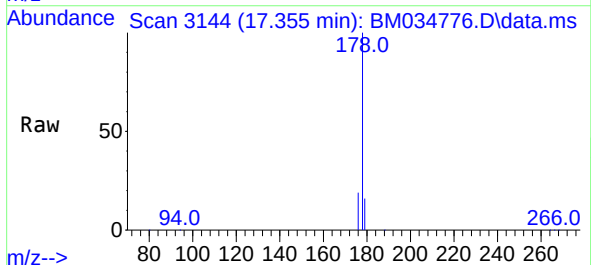
Tgt Ion:	266	Resp:	63
Ion Ratio	Lower	Upper	
266	100		
264	61.6	51.4	77.0
268	65.2	53.1	79.7

Manual Integrations
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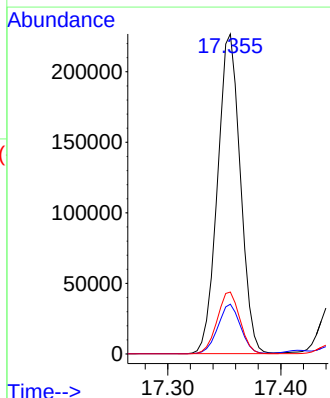
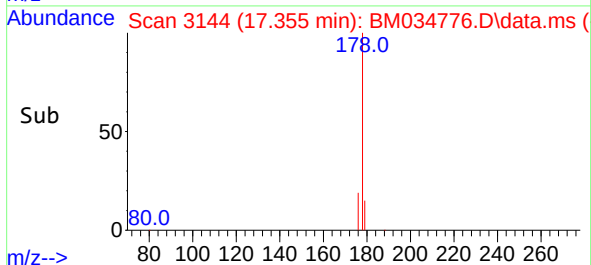
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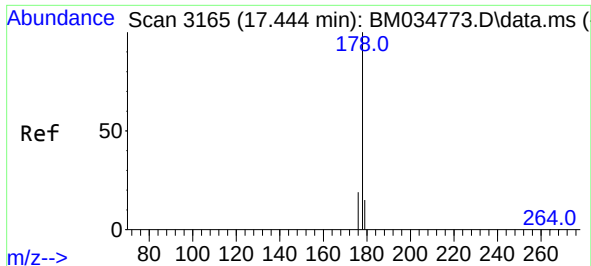


#15
Phenanthrene
Concen: 7.176 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



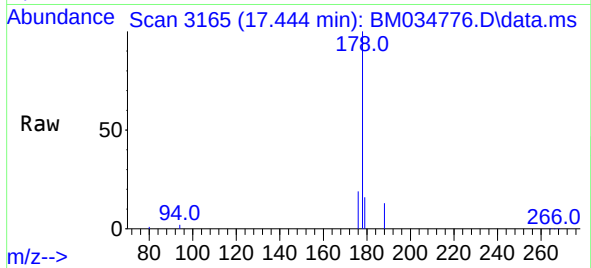
Tgt Ion:	178	Resp:	317935
Ion Ratio	Lower	Upper	
178	100		
179	15.5	15.0	22.6
176	19.4	17.9	26.9





#16
 Anthracene
 Concen: 1.351 ng/ul
 RT: 17.444 min Scan# 3165
 Delta R.T. -0.003 min
 Lab File: BM034776.D
 Acq: 22 Apr 2022 20:13

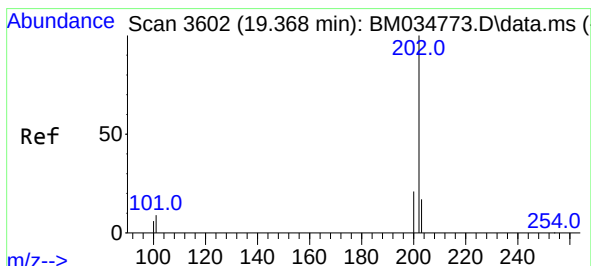
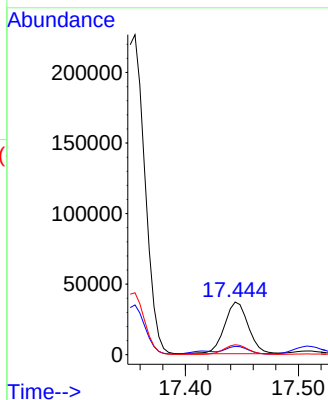
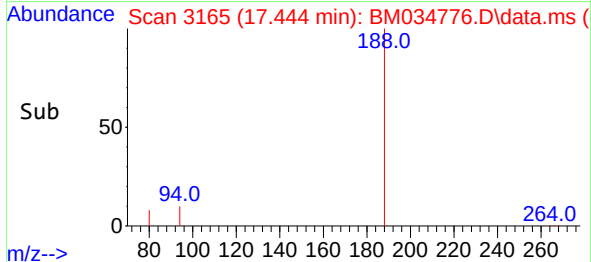
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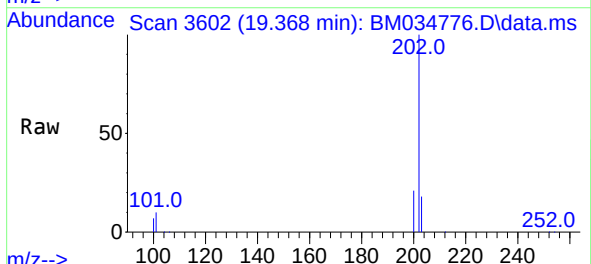
Tgt Ion:178 Resp: 53319
 Ion Ratio Lower Upper
 178 100
 179 15.9 16.5 24.7
 176 19.0 18.3 27.5

Manual Integrations
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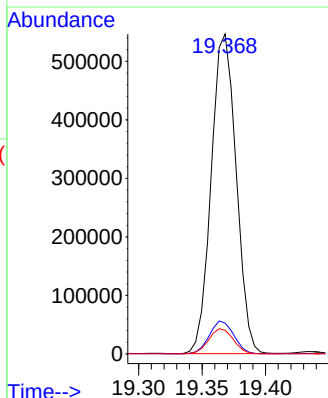
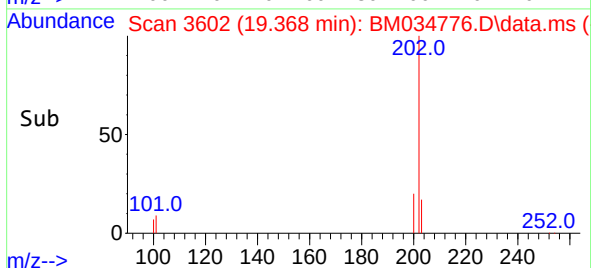
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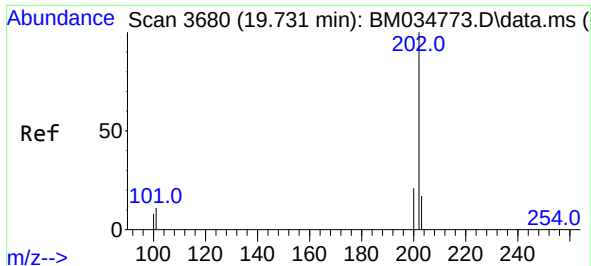


#19
 Fluoranthene
 Concen: 12.820 ng/ul
 RT: 19.368 min Scan# 3602
 Delta R.T. 0.002 min
 Lab File: BM034776.D
 Acq: 22 Apr 2022 20:13



Tgt Ion:202 Resp: 746895
 Ion Ratio Lower Upper
 202 100
 101 9.7 9.2 13.8
 100 7.4 7.2 10.8





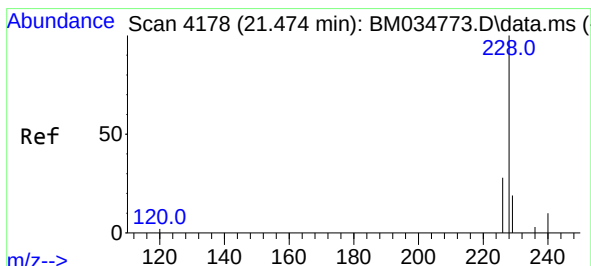
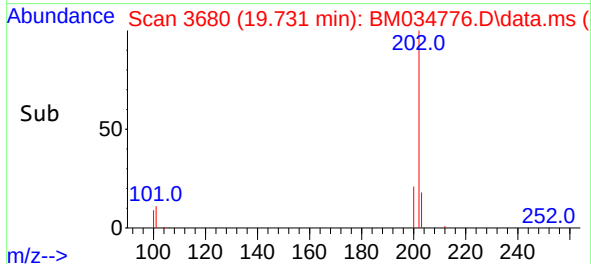
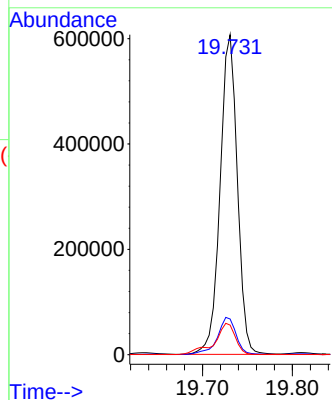
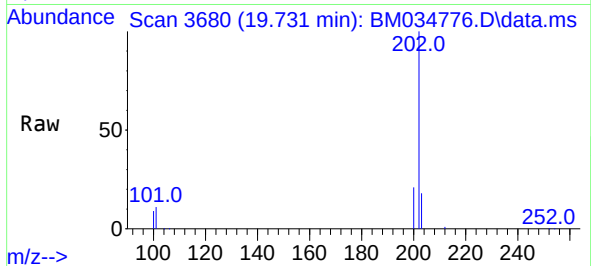
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Pyrene
Concen: 13.765 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

Instrument :
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Tgt Ion:202 Resp: 805468
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 9.2 7.8 11.6

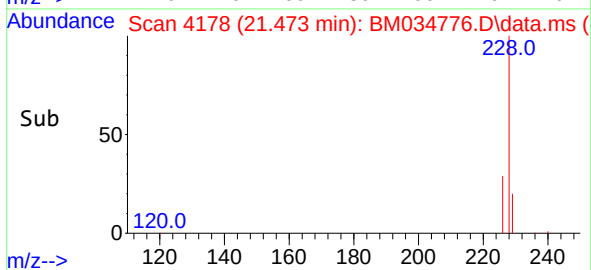
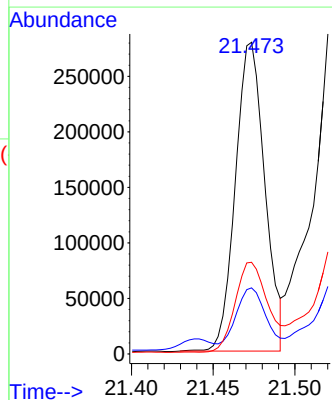
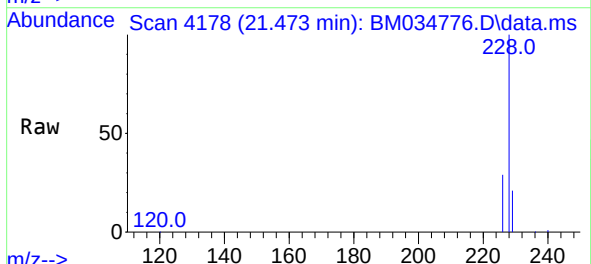
Manual Integrations
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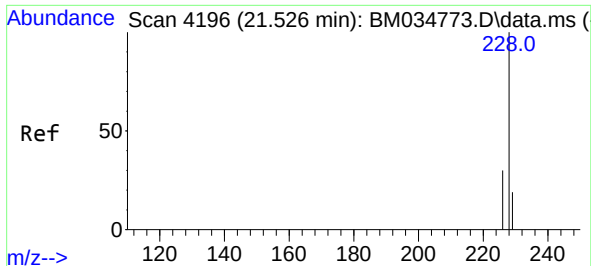
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Supervised By :mohammad ahmed 04/26/2022



#21
Benzo(a)anthracene
Concen: 7.368 ng/u1
RT: 21.473 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

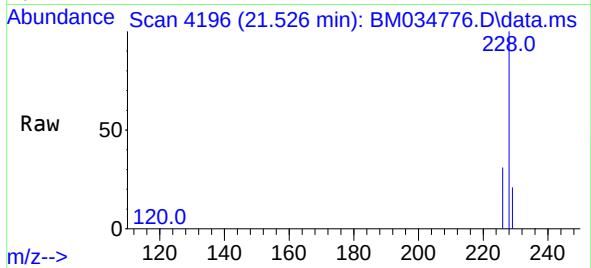
Tgt Ion:228 Resp: 347874
Ion Ratio Lower Upper
228 100
229 21.2 17.3 25.9
226 29.4 23.2 34.8





#22
Chrysene
Concen: 10.387 ng/u1
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

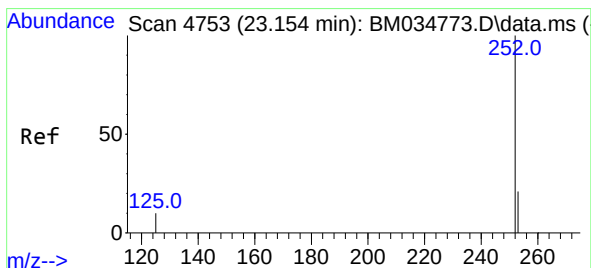
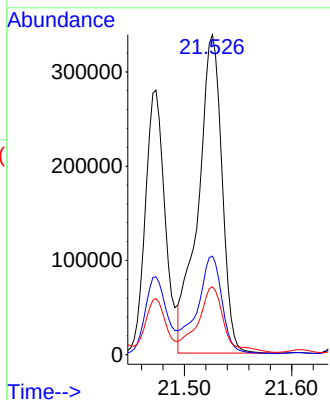
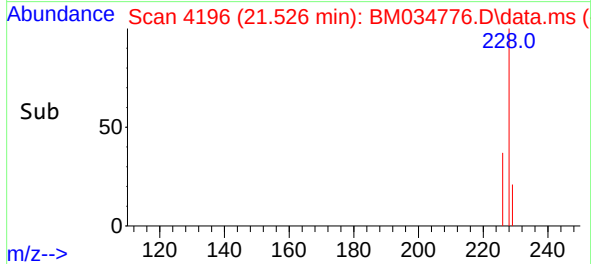
Instrument :
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ClientSampleId :
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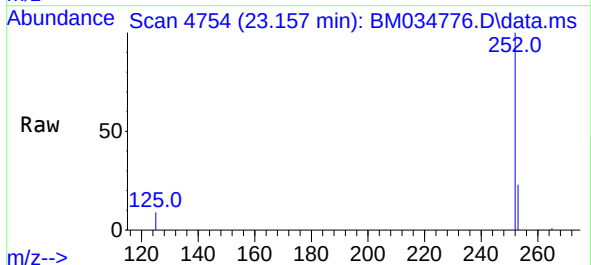
Tgt Ion:228 Resp: 52288
Ion Ratio Lower Upper
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226 30.8 25.8 38.8
229 21.2 16.7 25.1

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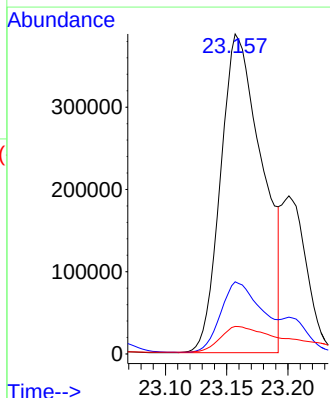
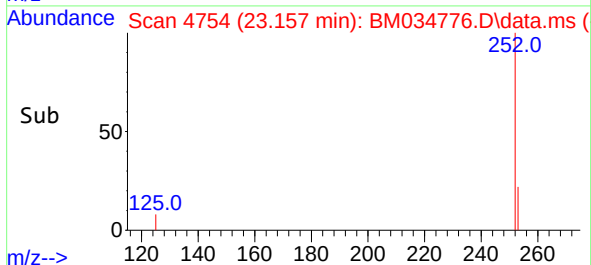
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

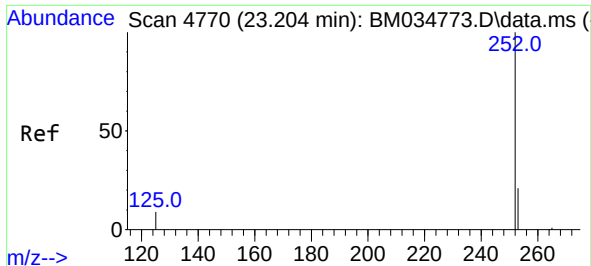


#24
Benzo(b)fluoranthene
Concen: 13.300 ng/u1
RT: 23.157 min Scan# 4754
Delta R.T. 0.005 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



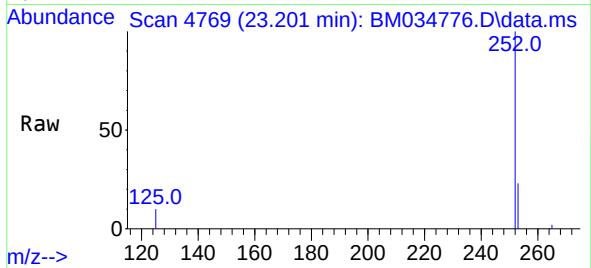
Tgt Ion:252 Resp: 912848
Ion Ratio Lower Upper
252 100
253 22.6 0.0 64.2
125 8.6 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 3.950 ng/ul m
RT: 23.201 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

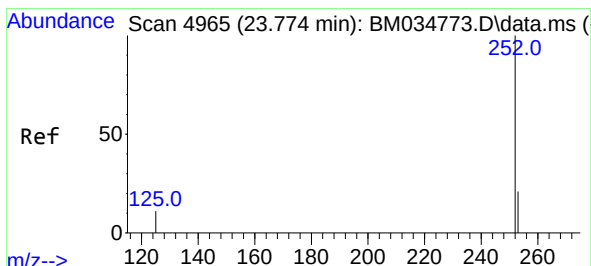
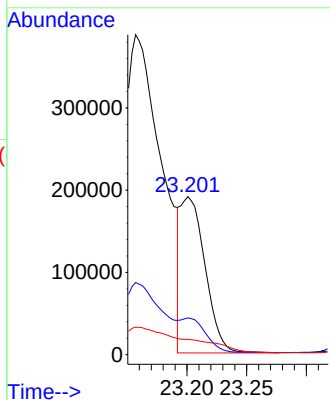
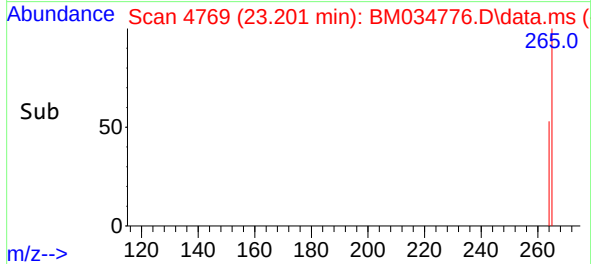
Instrument :
BNA_M
ClientSampleId :
BFFE2



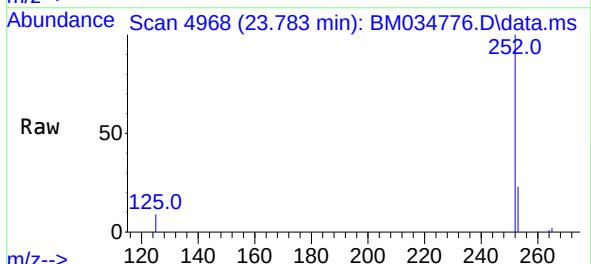
Tgt Ion:252 Resp: 27087
Ion Ratio Lower Upper
252 100
253 23.3 26.8 40.2
125 9.7 12.0 18.0

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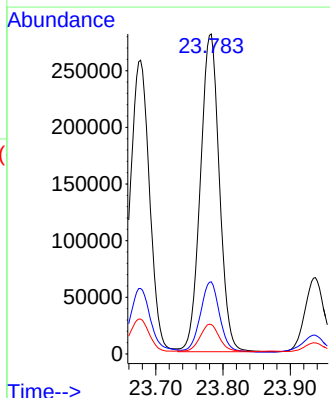
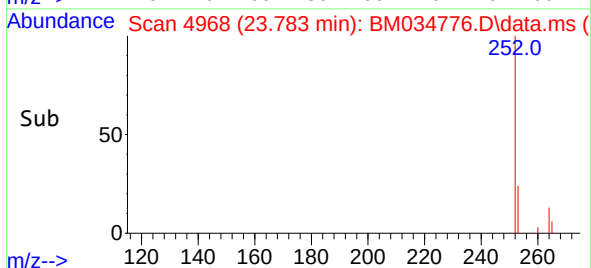
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

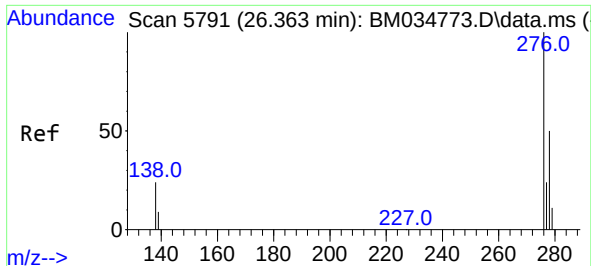


#26
Benzo(a)pyrene
Concen: 9.814 ng/ul
RT: 23.783 min Scan# 4968
Delta R.T. 0.007 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



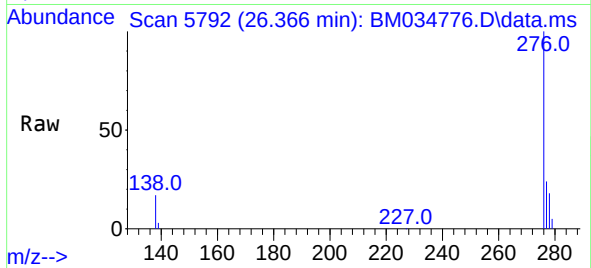
Tgt Ion:252 Resp: 549707
Ion Ratio Lower Upper
252 100
253 22.5 32.0 48.0#
125 9.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 6.826 ng/ul
RT: 26.366 min Scan# 5791
Delta R.T. 0.005 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13

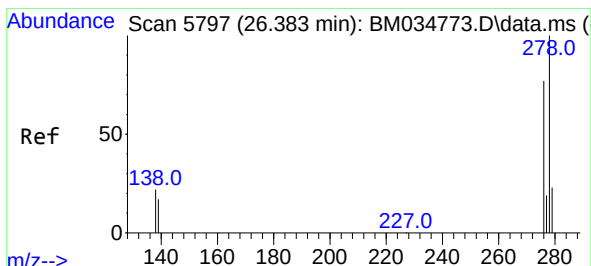
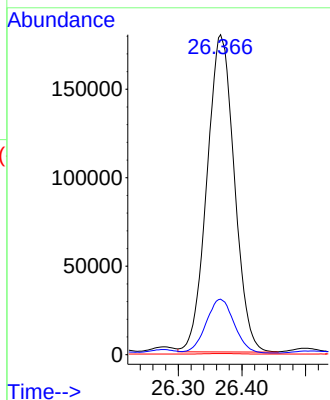
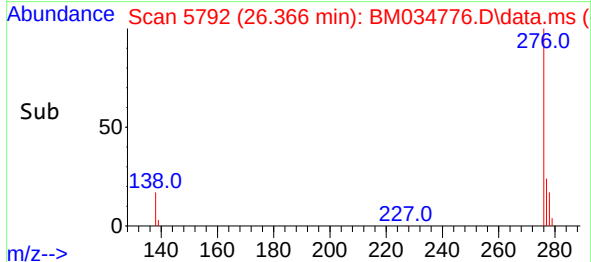
Instrument :
BNA_M
ClientSampleId :
BFFE2



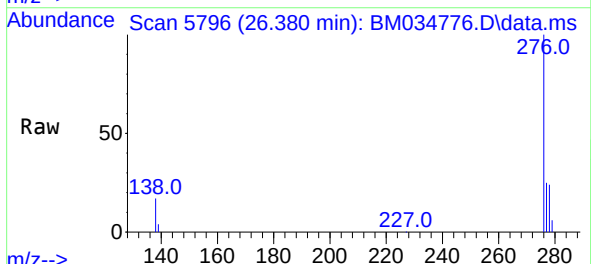
Tgt Ion:276 Resp: 53669
Ion Ratio Lower Upper
276 100
138 17.5 15.8 23.6
227 0.2 0.0 0.0

Manual Integrations
APPROVED

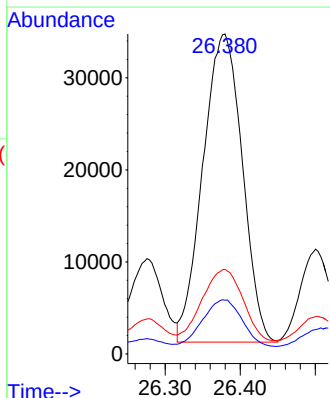
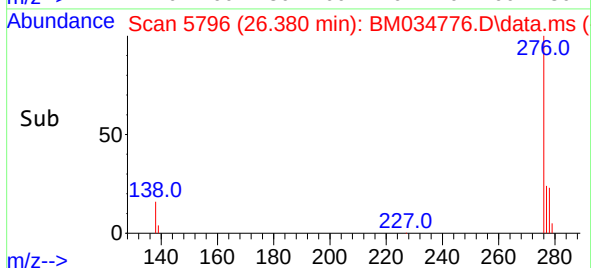
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

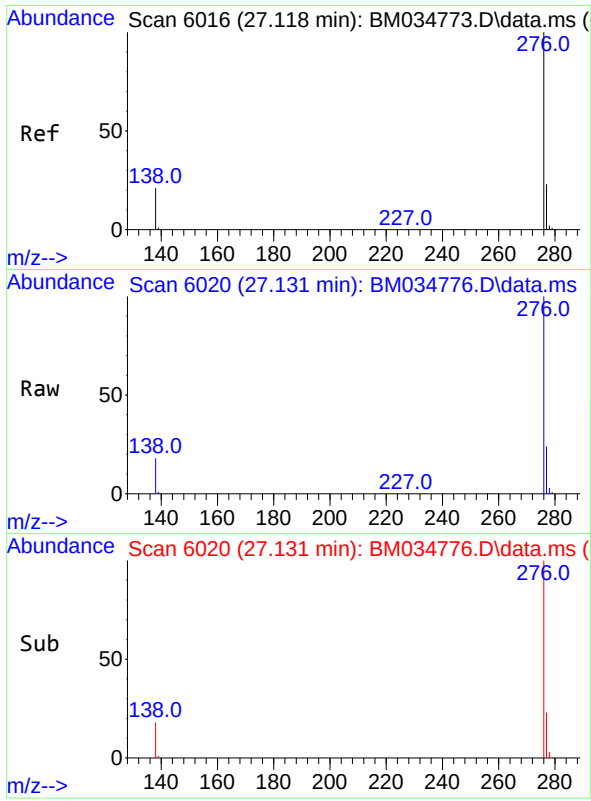


#28
Dibenzo(a,h)anthracene
Concen: 1.904 ng/ul m
RT: 26.380 min Scan# 5796
Delta R.T. -0.005 min
Lab File: BM034776.D
Acq: 22 Apr 2022 20:13



Tgt Ion:278 Resp: 121843
Ion Ratio Lower Upper
278 100
139 16.8 18.0 27.0#
279 26.5 28.6 42.8#





#29

Benzo(g,h,i)perylene

Concen: 7.478 ng/ul

RT: 27.131 min Scan# 60

Delta R.T. 0.012 min

Lab File: BM034776.D

Acq: 22 Apr 2022 20:13

Instrument :

BNA_M

ClientSampleId :

BFFE2

Tgt Ion:276 Resp: 50758

Ion Ratio Lower Upper

276 100

138 18.1 17.4 26.0

277 23.9 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022

Supervised By :mohammad ahmed 04/26/2022

