

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034777.D
 Acq On : 22 Apr 2022 20:50
 Operator : CG/JU
 Sample : N2373-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD2

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 02:58:43 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	5637	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	15519	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	9931	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	20900	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	15836	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	14160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	14322	2.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	4724	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	13511	0.270	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	6648	0.150	ng/ul#	89
7) 2-Methylnaphthalene	12.404	142	5400	0.183	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	7468	0.258	ng/ul	100
10) Acenaphthylene	14.293	152	21616	0.498	ng/ul	92
11) Acenaphthene	14.635	153	3899	0.106	ng/ul	96
12) Fluorene	15.621	166	12678	0.306	ng/ul	99
15) Phenanthrene	17.355	178	239395	3.465	ng/ul	92
16) Anthracene	17.444	178	23360	0.379	ng/ul#	91
19) Fluoranthene	19.368	202	258935	3.406	ng/ul#	91
20) Pyrene	19.731	202	320239	4.194	ng/ul#	93
21) Benzo(a)anthracene	21.473	228	107975	1.753	ng/ul	99
22) Chrysene	21.526	228	141897	2.160	ng/ul	97
24) Benzo(b)fluoranthene	23.160	252	122154	1.889	ng/ul	88
25) Benzo(k)fluoranthene	23.198	252	37872m	0.586	ng/ul	
26) Benzo(a)pyrene	23.780	252	95228	1.805	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.363	276	61034	0.824	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.373	278	16514	0.274	ng/ul#	95
29) Benzo(g,h,i)perylene	27.121	276	57800	0.904	ng/ul	94

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

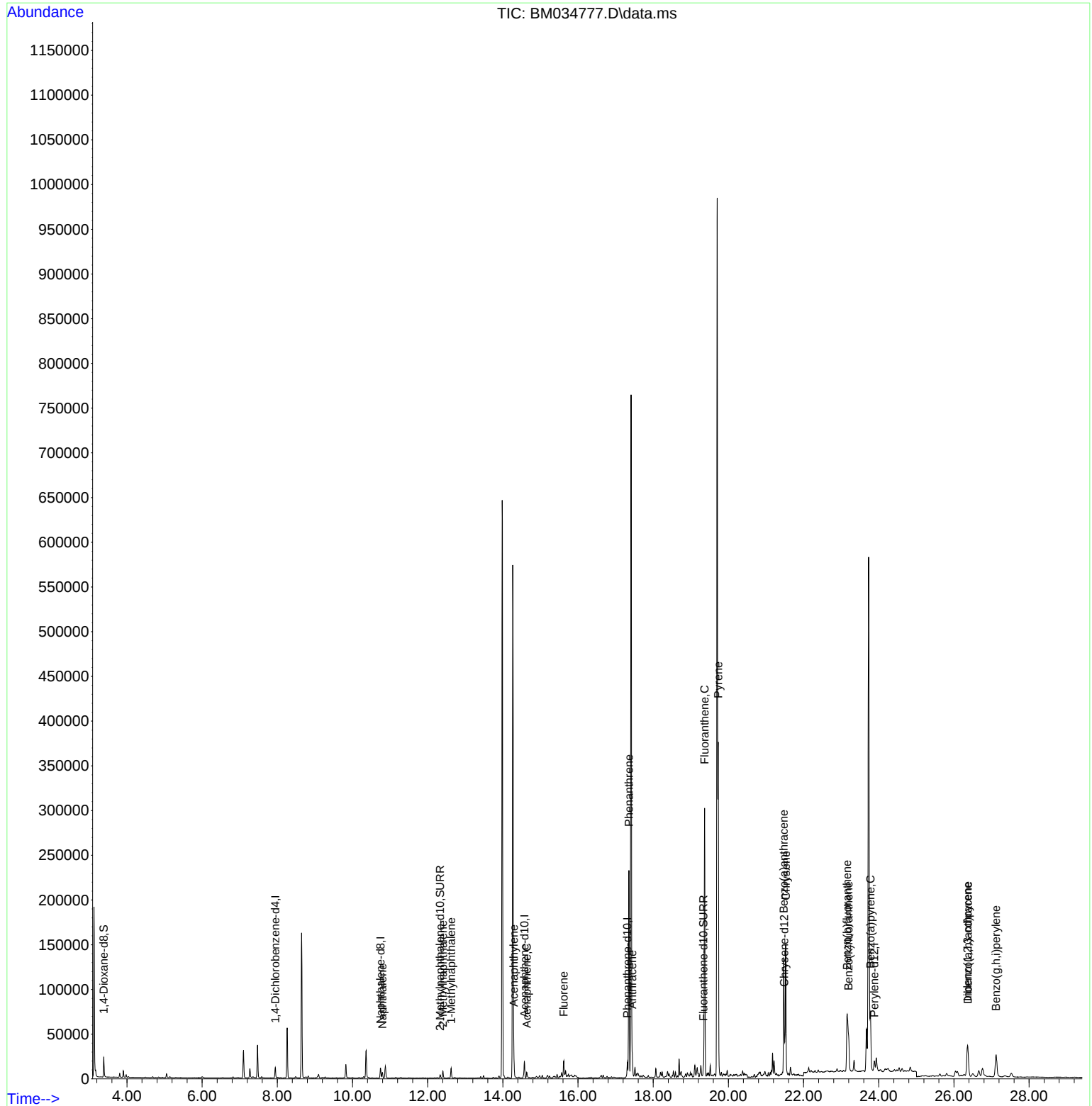
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034777.D
Acq On : 22 Apr 2022 20:50
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Sample : N2373-01
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ALS Vial : 14 Sample Multiplier: 1

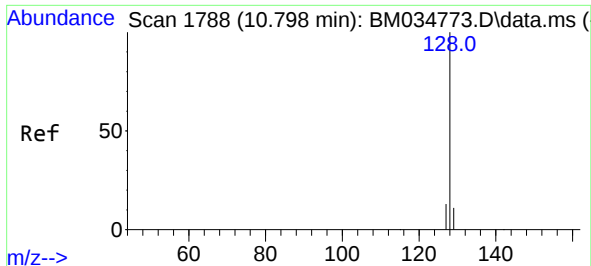
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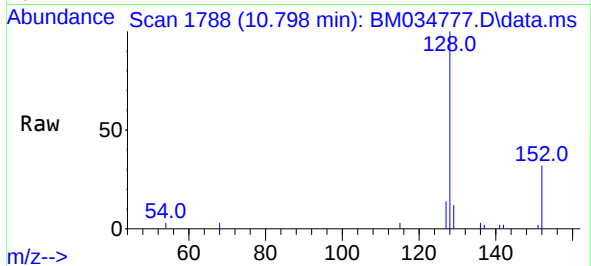
Quant Time: Apr 23 02:58:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

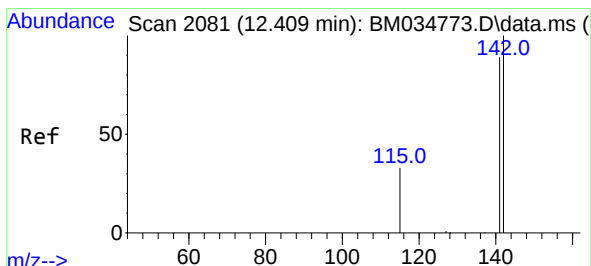
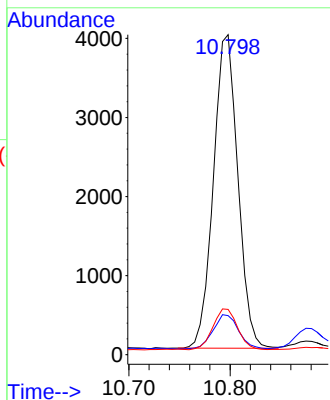
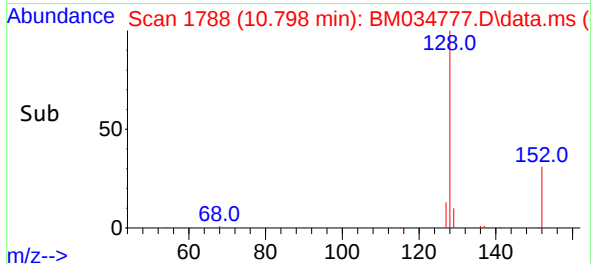
Instrument :
BNA_M
ClientSampleId :
BFFD2



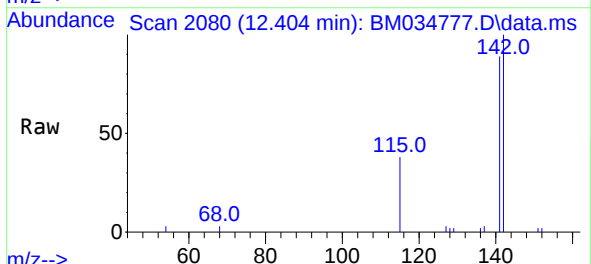
Tgt Ion:128 Resp: 6648
Ion Ratio Lower Upper
128 100
129 12.2 13.4 20.2
127 14.2 15.2 22.8

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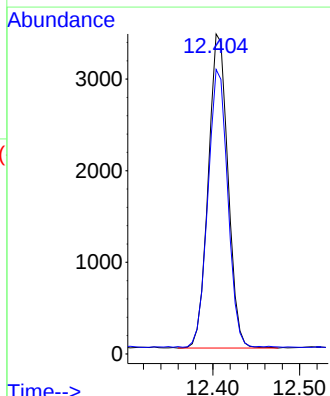
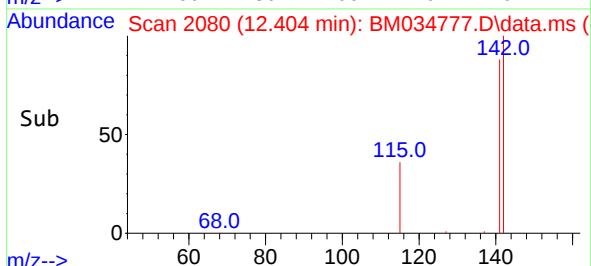
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

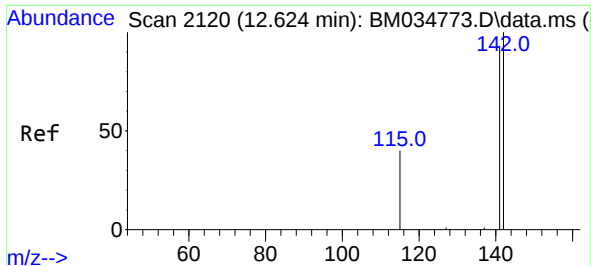


#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



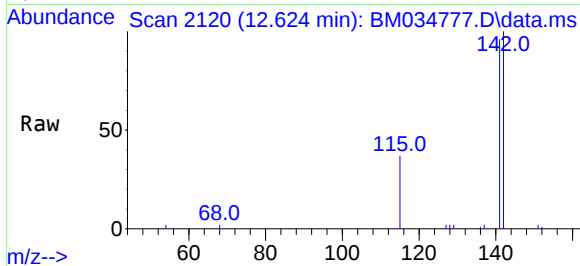
Tgt Ion:142 Resp: 5400
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

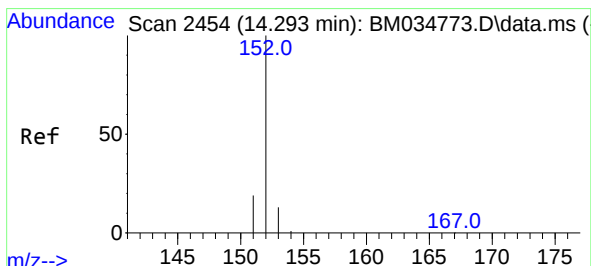
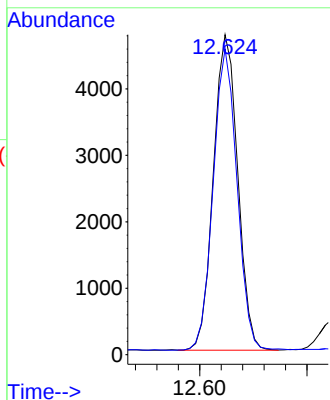
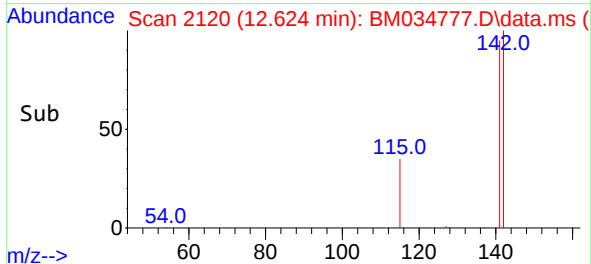
Instrument :
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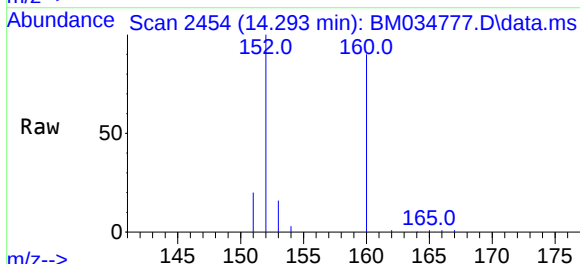
Tgt Ion:142 Resp: 7468
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4

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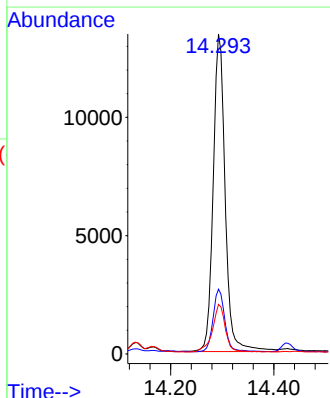
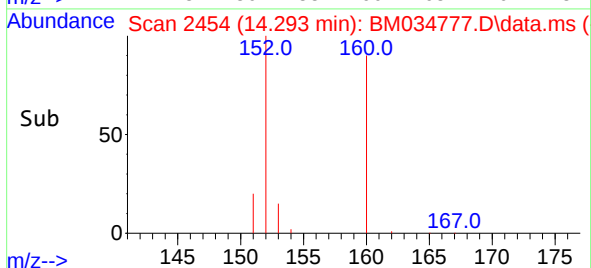
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

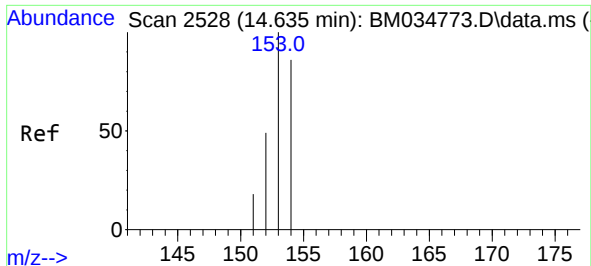


#10
Acenaphthylene
Concen: 0.498 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



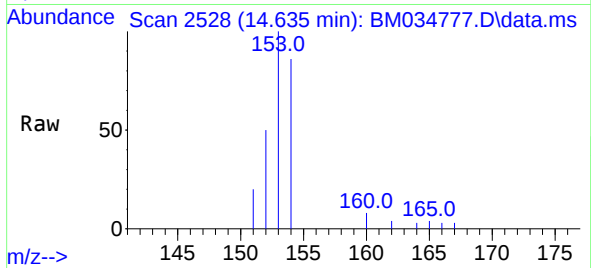
Tgt Ion:152 Resp: 21616
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 15.5 15.0 22.4





#11
Acenaphthene
Concen: 0.106 ng/u1
RT: 14.635 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

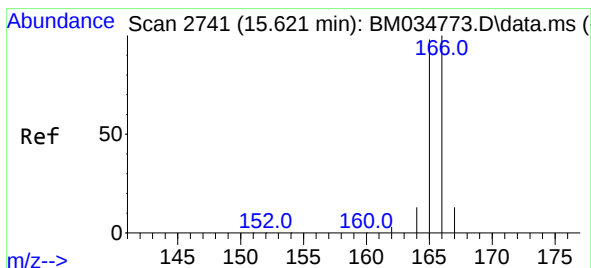
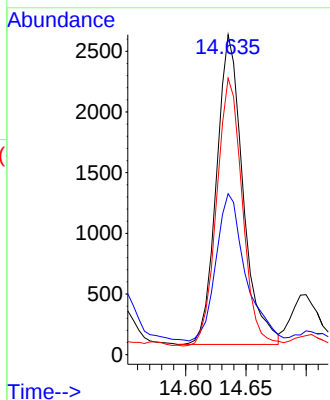
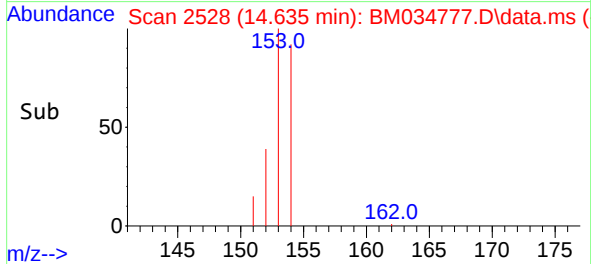
Instrument :
BNA_M
ClientSampleId :
BFFD2



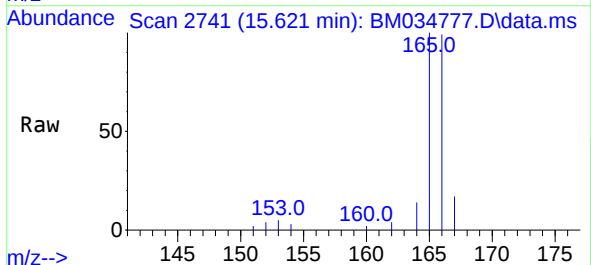
Tgt Ion:153 Resp: 389
Ion Ratio Lower Upper
153 100
152 50.3 42.4 63.6
154 86.4 66.2 99.2

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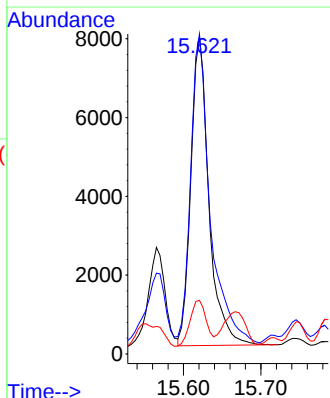
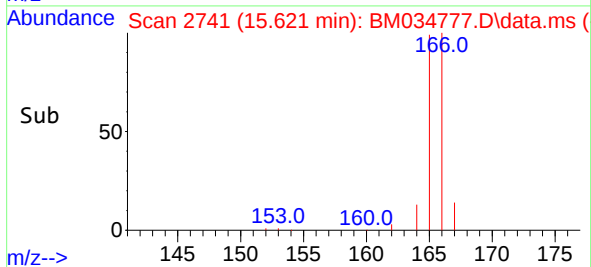
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

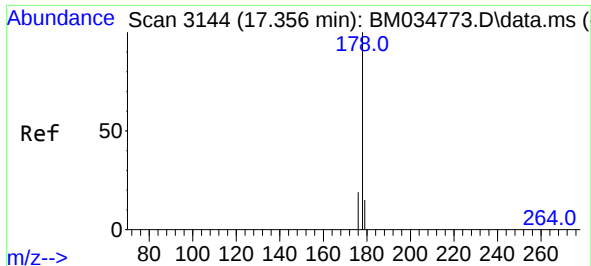


#12
Fluorene
Concen: 0.306 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



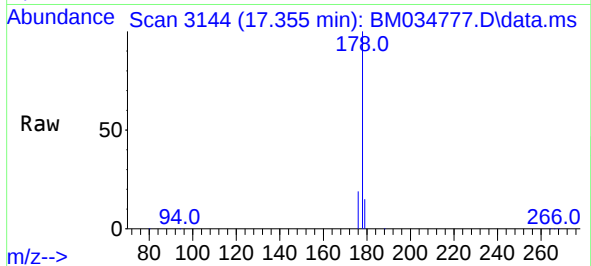
Tgt Ion:166 Resp: 12678
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 16.9 14.9 22.3





#15
Phenanthrene
Concen: 3.465 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

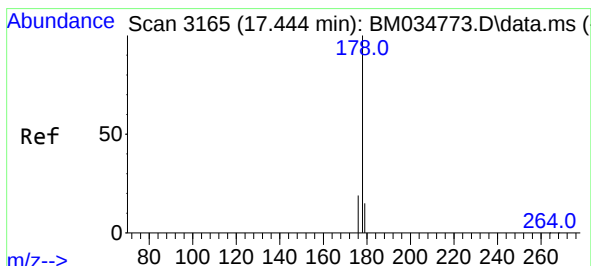
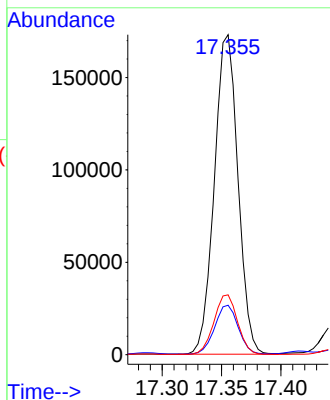
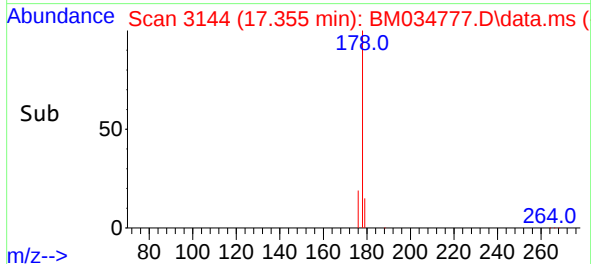
Instrument :
BNA_M
ClientSampleId :
BFFD2



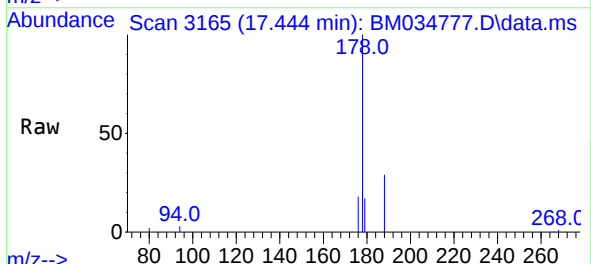
Tgt Ion:178 Resp: 239395
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 18.7 17.9 26.9

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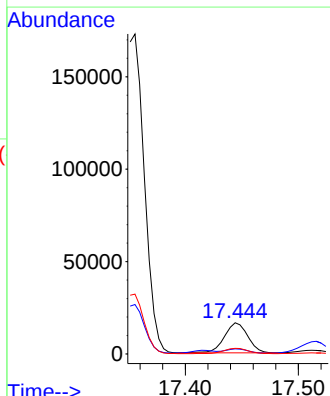
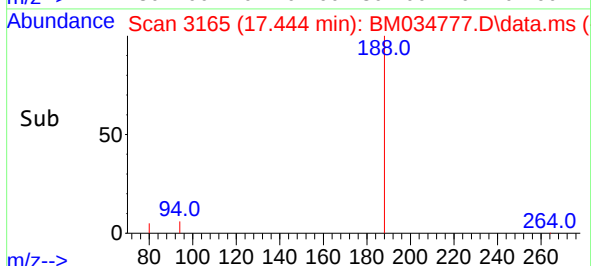
Reviewed By :Jagrut Upadhyay 04/25/2022
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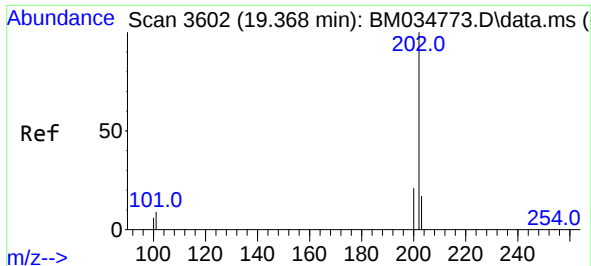


#16
Anthracene
Concen: 0.379 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



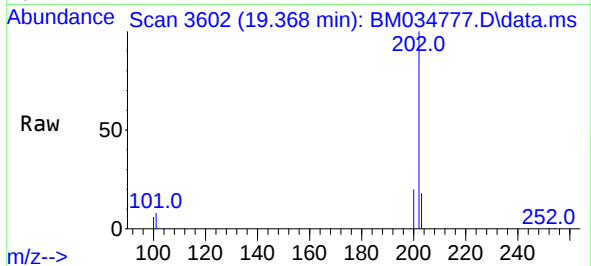
Tgt Ion:178 Resp: 23360
Ion Ratio Lower Upper
178 100
179 16.6 16.5 24.7
176 18.2 18.3 27.5#





#19
Fluoranthene
Concen: 3.406 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

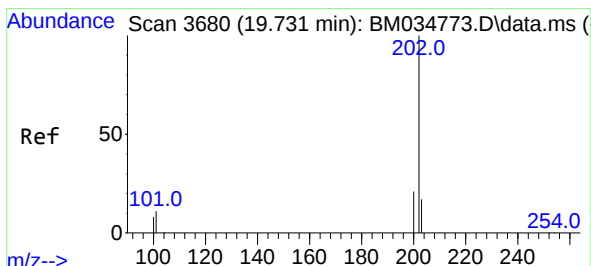
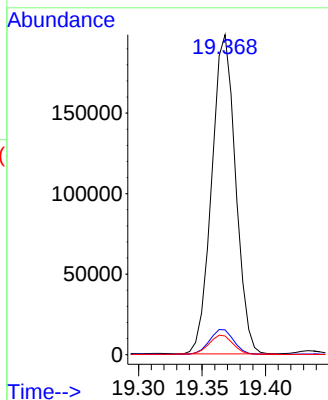
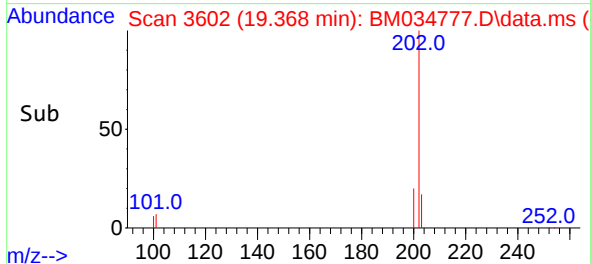
Instrument :
BNA_M
ClientSampleId :
BFFD2



Tgt Ion:202 Resp: 258935
Ion Ratio Lower Upper
202 100
101 7.8 9.2 13.8#
100 5.9 7.2 10.8#

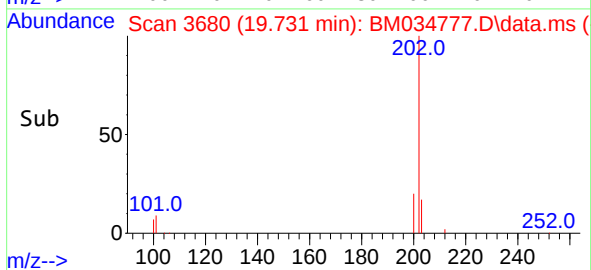
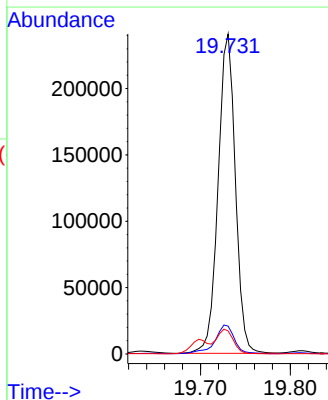
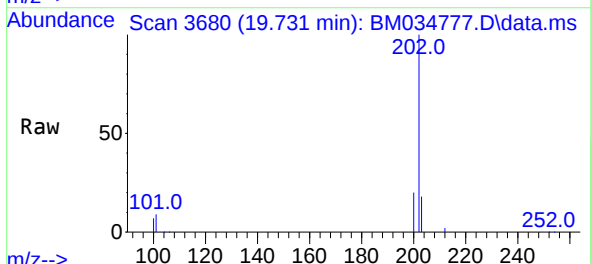
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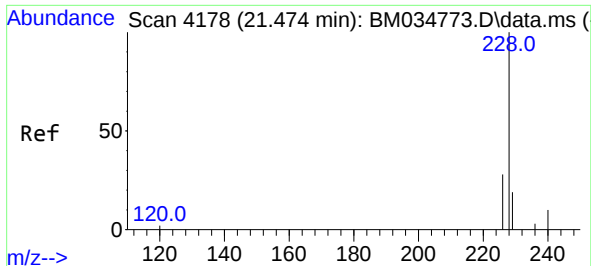
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#20
Pyrene
Concen: 4.194 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

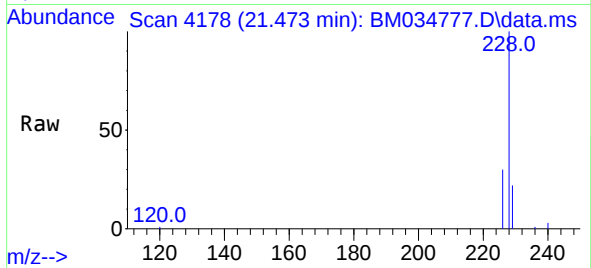
Tgt Ion:202 Resp: 320239
Ion Ratio Lower Upper
202 100
101 8.7 9.3 13.9#
100 7.2 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 1.753 ng/u1
RT: 21.473 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

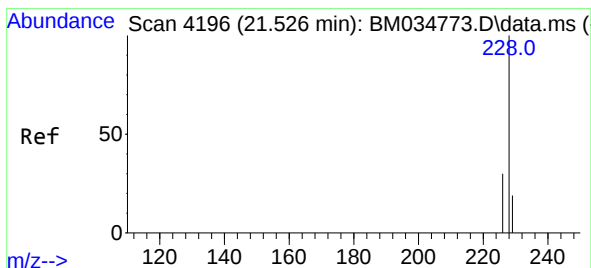
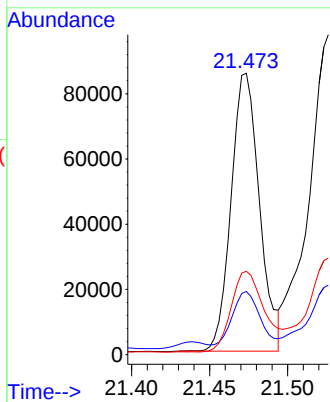
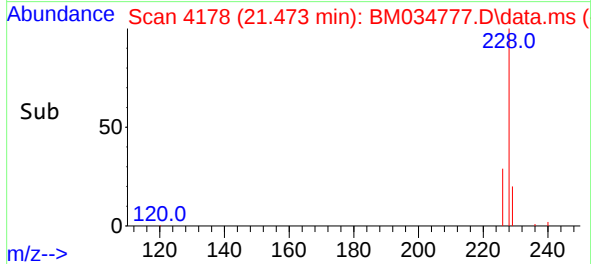
Instrument :
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Tgt Ion:228 Resp: 10797
Ion Ratio Lower Upper
228 100
229 22.4 17.3 25.9
226 29.6 23.2 34.8

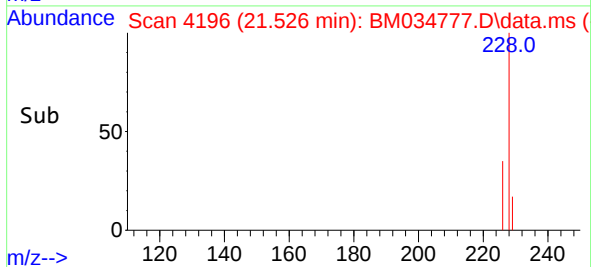
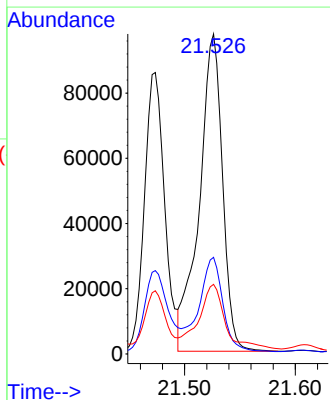
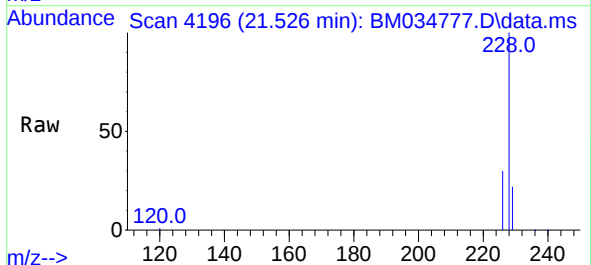
Manual Integrations
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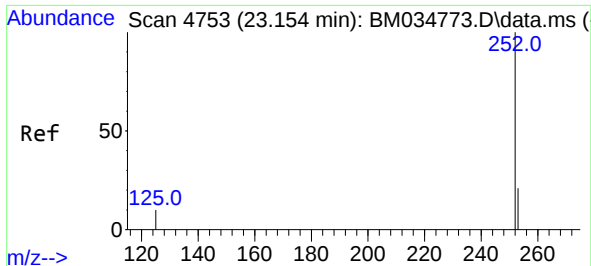
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#22
Chrysene
Concen: 2.160 ng/u1
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

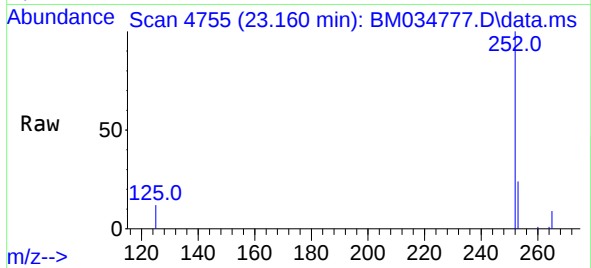
Tgt Ion:228 Resp: 141897
Ion Ratio Lower Upper
228 100
226 30.2 25.8 38.8
229 21.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.889 ng/ul
RT: 23.160 min Scan# 4755
Delta R.T. 0.007 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

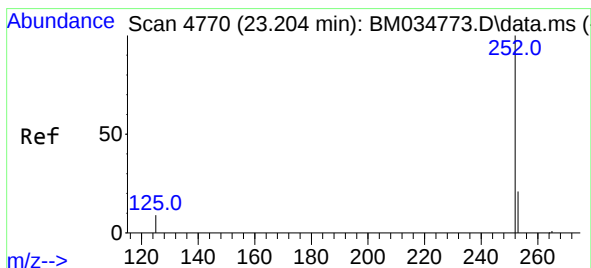
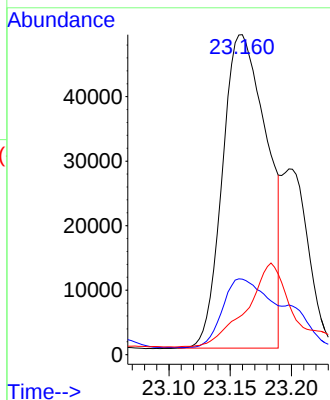
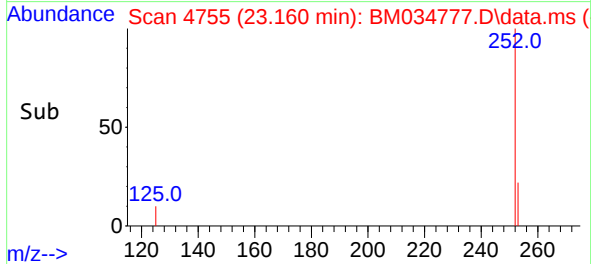
Instrument :
BNA_M
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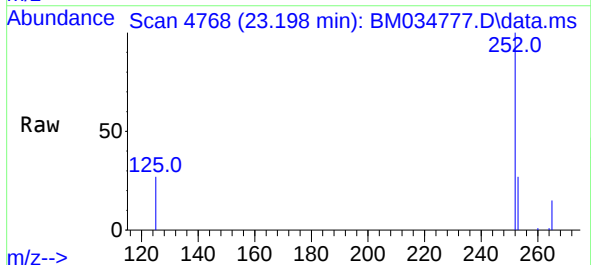
Tgt Ion:252 Resp: 122154
Ion Ratio Lower Upper
252 100
253 23.6 0.0 64.2
125 12.4 0.0 28.8

Manual Integrations
APPROVED

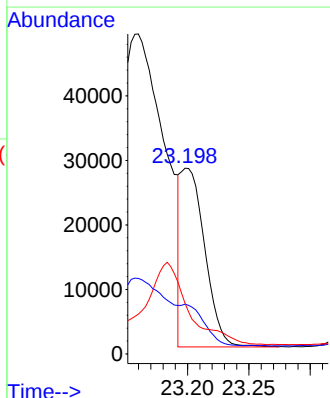
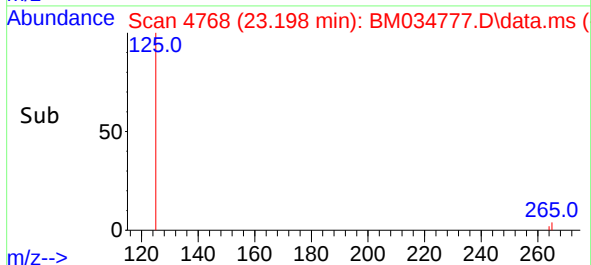
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

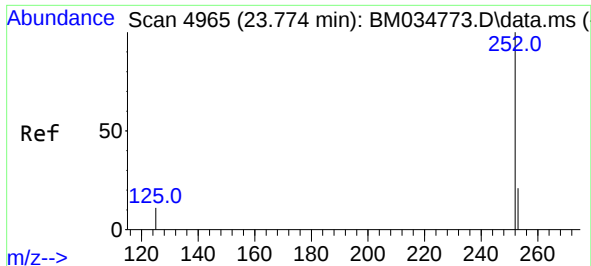


#25
Benzo(k)fluoranthene
Concen: 0.586 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



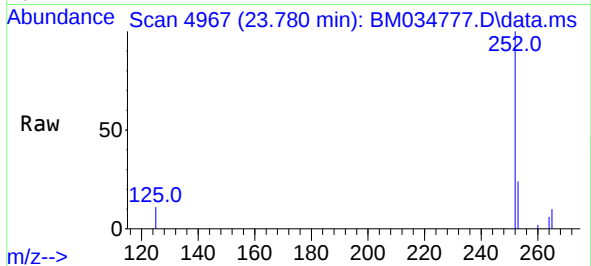
Tgt Ion:252 Resp: 37872
Ion Ratio Lower Upper
252 100
253 26.8 26.8 40.2#
125 27.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 1.805 ng/ul
RT: 23.780 min Scan# 4965
Delta R.T. 0.005 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

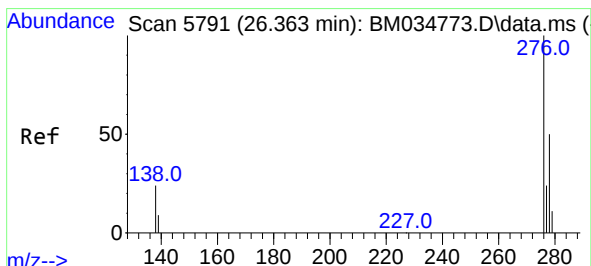
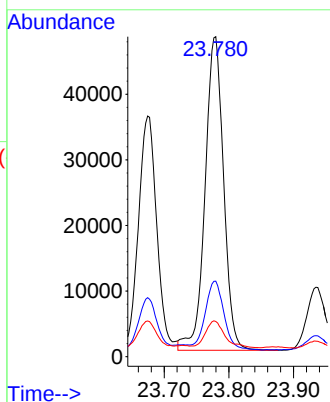
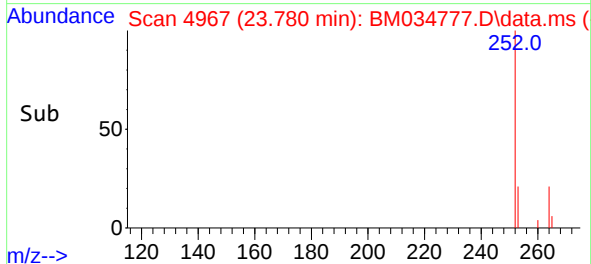
Instrument :
BNA_M
ClientSampleId :
BFFD2



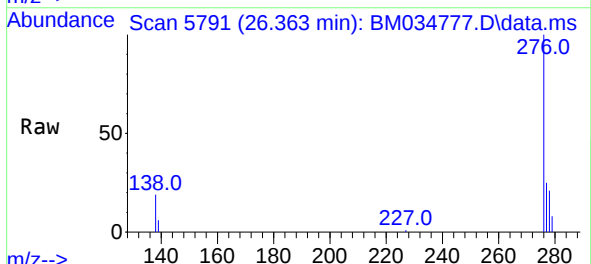
Tgt Ion:252 Resp: 95228
Ion Ratio Lower Upper
252 100
253 23.6 32.0 48.0
125 11.0 14.5 21.7

Manual Integrations
APPROVED

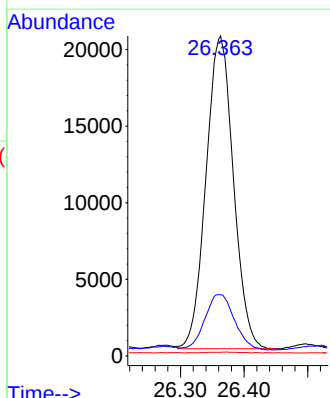
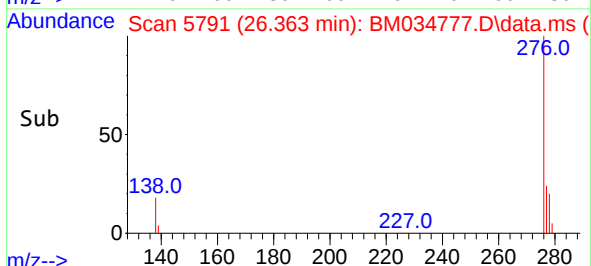
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

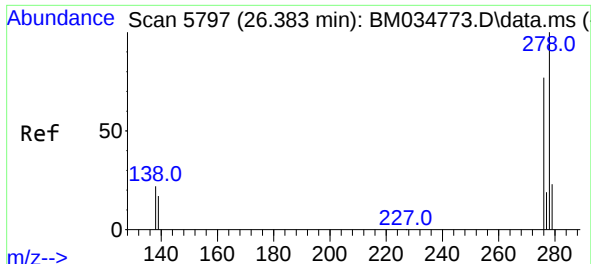


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.824 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



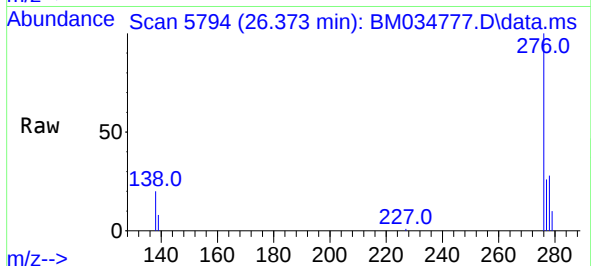
Tgt Ion:276 Resp: 61034
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. -0.011 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50

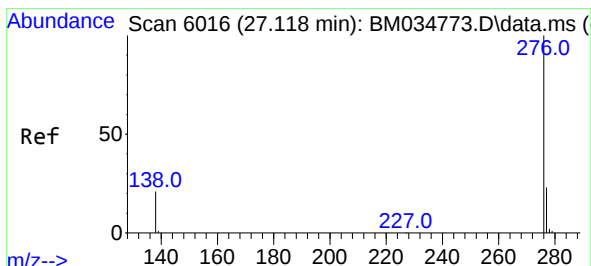
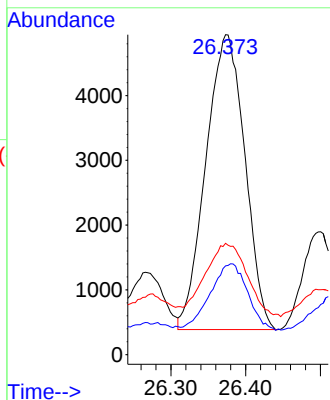
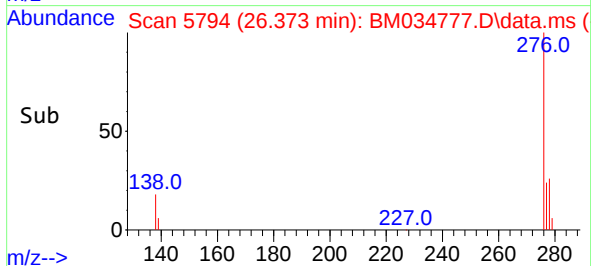
Instrument :
BNA_M
ClientSampleId :
BFFD2



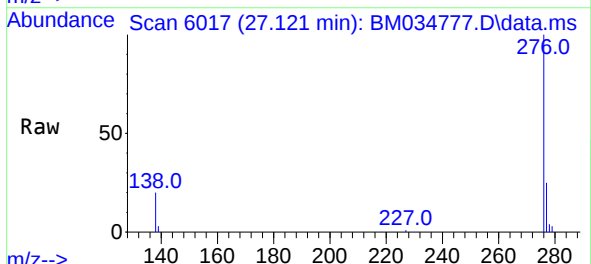
Tgt Ion:278 Resp: 16514
Ion Ratio Lower Upper
278 100
139 27.7 18.0 27.0
279 34.8 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.904 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034777.D
Acq: 22 Apr 2022 20:50



Tgt Ion:276 Resp: 57800
Ion Ratio Lower Upper
276 100
138 19.6 17.4 26.0
277 24.7 22.6 33.8

