

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034784.D
 Acq On : 23 Apr 2022 01:01
 Operator : CG/JU
 Sample : N2374-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE4

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:25:38 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	7189	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	18282	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	9746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	18467	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	14631	0.400	ng/ul	# 0.00
23) Perylene-d12	23.881	264	15393	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	18824	2.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	4664	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	11109	0.241	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	8089	0.155	ng/ul#	90
7) 2-Methylnaphthalene	12.409	142	3497	0.101	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	2690	0.079	ng/ul	100
10) Acenaphthylene	14.294	152	9658	0.227	ng/ul	92
11) Acenaphthene	14.636	153	6244	0.173	ng/ul	95
12) Fluorene	15.621	166	10813	0.266	ng/ul	97
15) Phenanthrene	17.352	178	159655	2.615	ng/ul	93
16) Anthracene	17.445	178	30748	0.565	ng/ul#	92
19) Fluoranthene	19.369	202	338105	4.814	ng/ul#	95
20) Pyrene	19.727	202	306873	4.350	ng/ul	100
21) Benzo(a)anthracene	21.470	228	171413	3.011	ng/ul	99
22) Chrysene	21.522	228	227410	3.747	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	398240	5.666	ng/ul	87
25) Benzo(k)fluoranthene	23.200	252	136451m	1.943	ng/ul	
26) Benzo(a)pyrene	23.776	252	252916	4.410	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.359	276	249235	3.095	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.372	278	55401m	0.845	ng/ul	
29) Benzo(g,h,i)perylene	27.123	276	228372	3.286	ng/ul	94

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

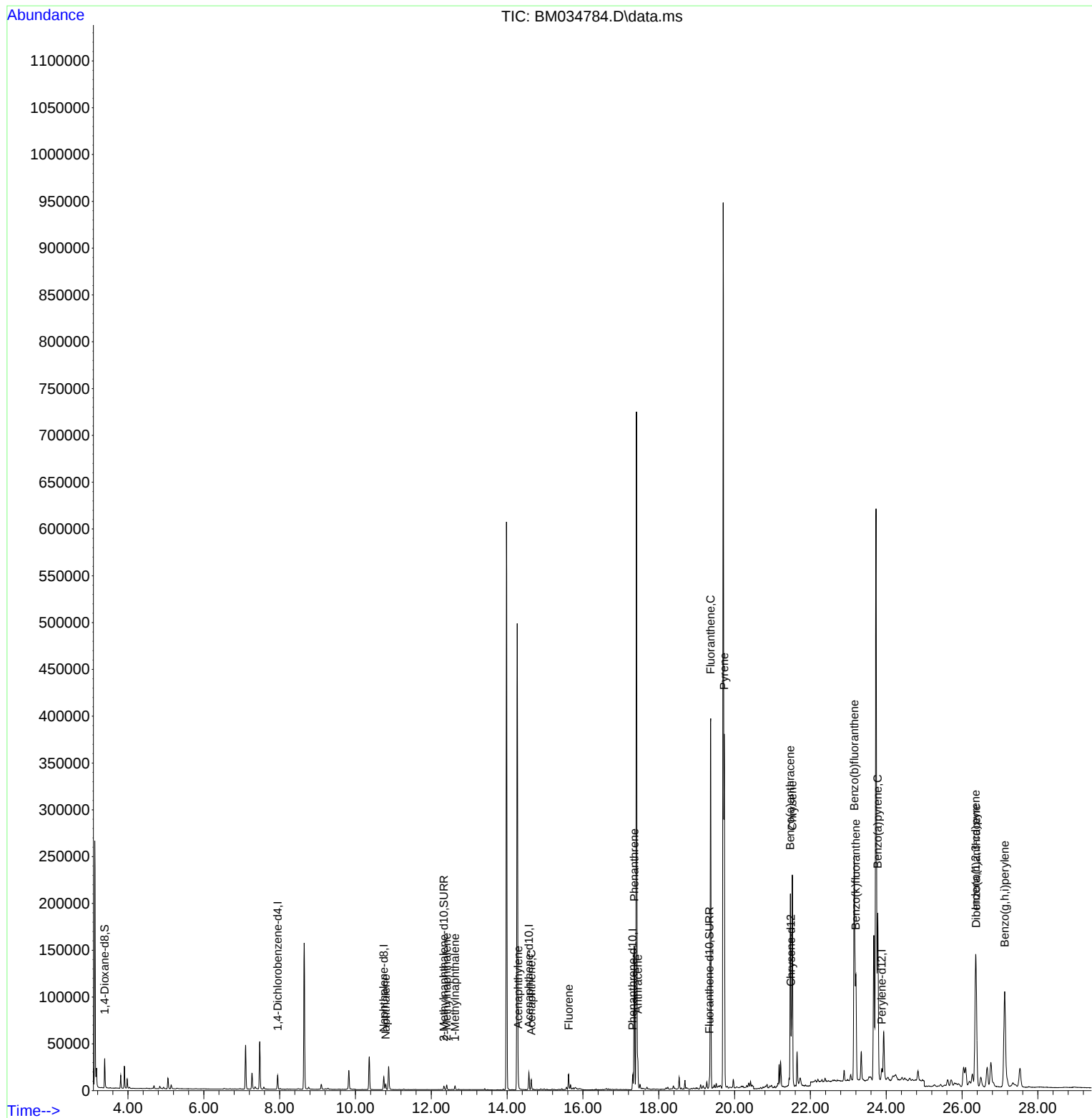
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034784.D
Acq On : 23 Apr 2022 01:01
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ALS Vial : 21 Sample Multiplier: 1

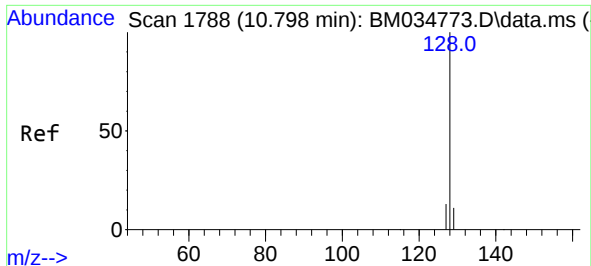
Instrument :
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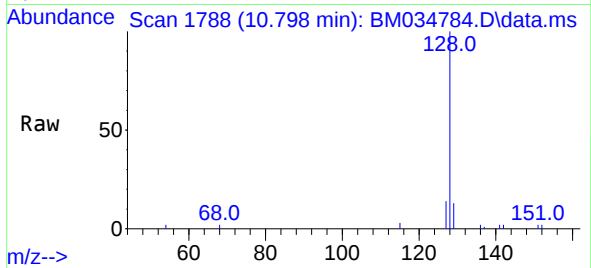
Quant Time: Apr 23 03:25:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

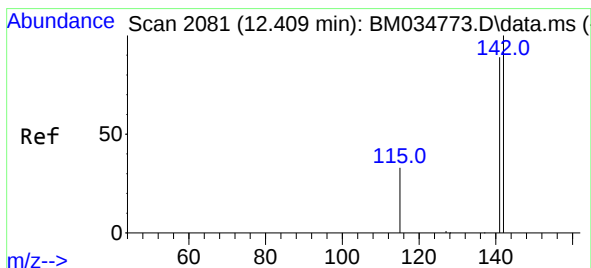
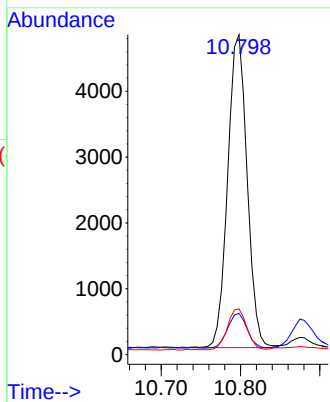
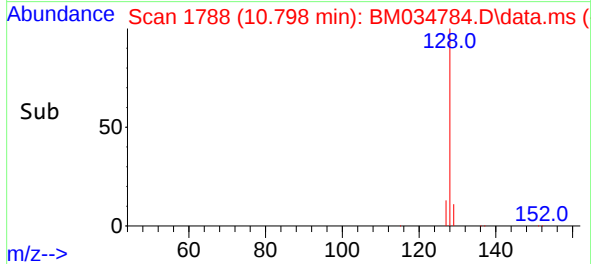
Instrument :
BNA_M
ClientSampleId :
BFFE4



Tgt Ion:128 Resp: 8089
Ion Ratio Lower Upper
128 100
129 12.9 13.4 20.2
127 14.3 15.2 22.8

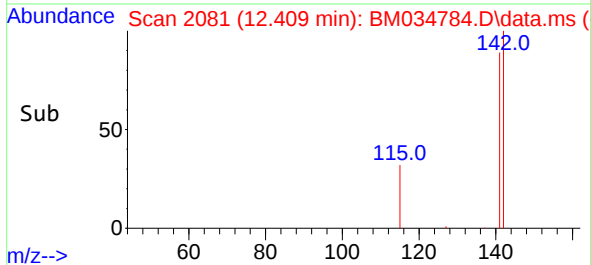
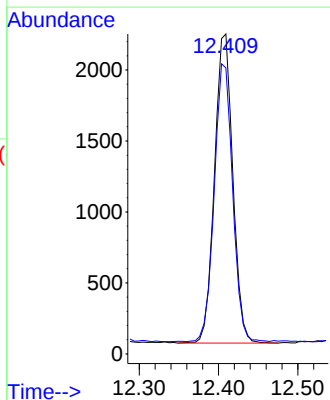
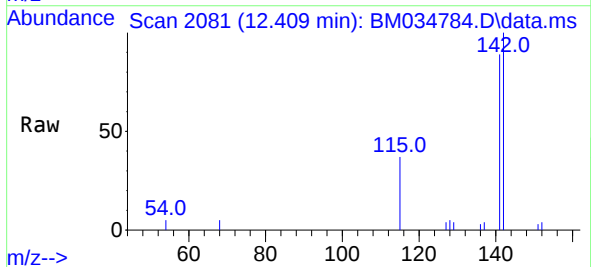
Manual Integrations
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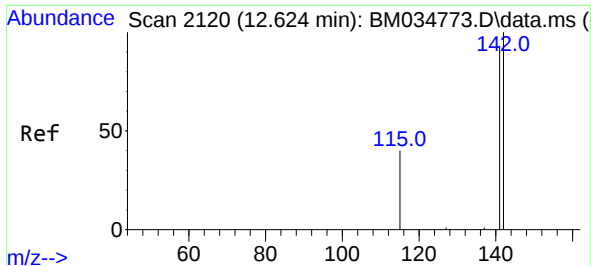
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

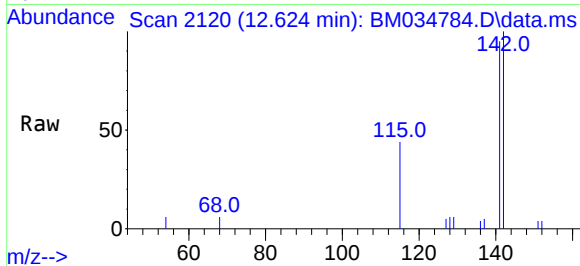
Tgt Ion:142 Resp: 3497
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.079 ng/u1
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

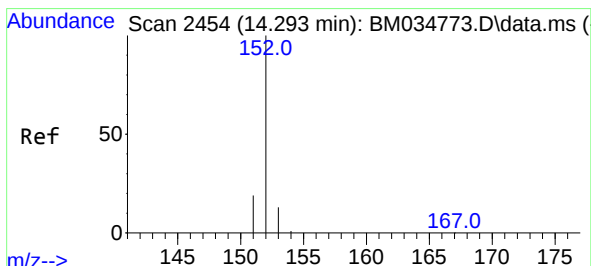
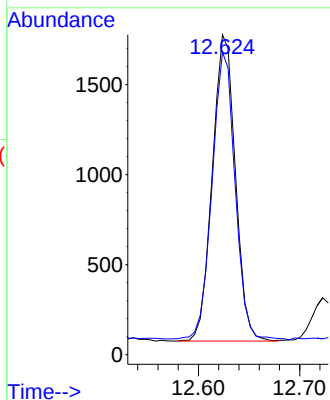
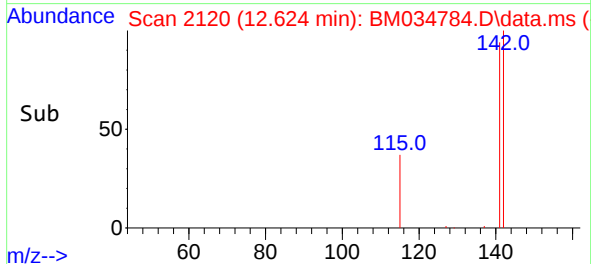
Instrument :
BNA_M
ClientSampleId :
BFFE4



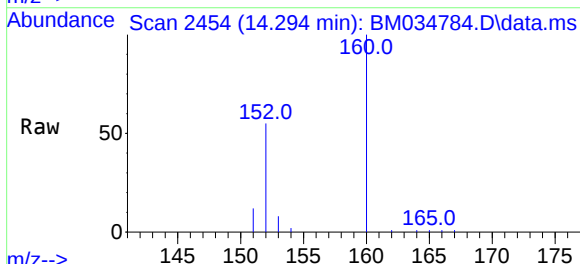
Tgt Ion:142 Resp: 2690
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4

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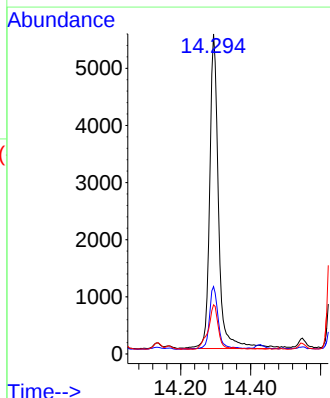
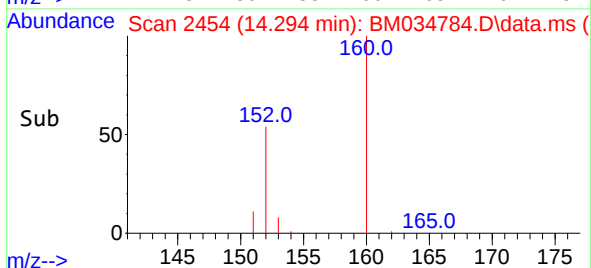
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

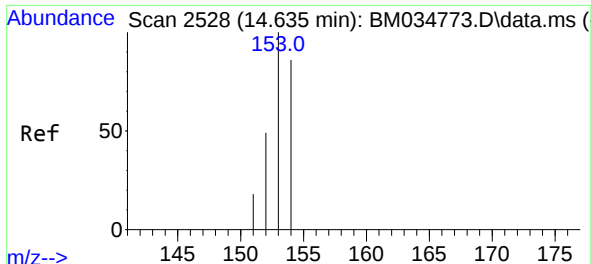


#10
Acenaphthylene
Concen: 0.227 ng/u1
RT: 14.294 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01



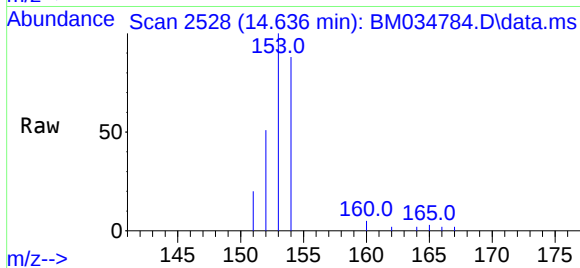
Tgt Ion:152 Resp: 9658
Ion Ratio Lower Upper
152 100
151 21.0 19.9 29.9
153 15.3 15.0 22.4





#11
Acenaphthene
Concen: 0.173 ng/u1
RT: 14.636 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

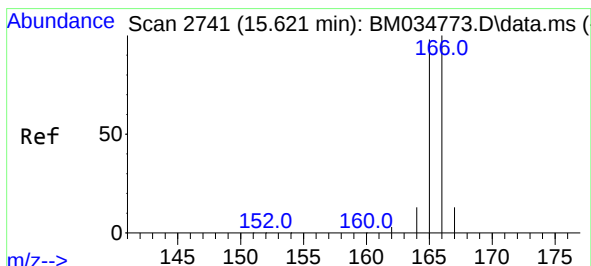
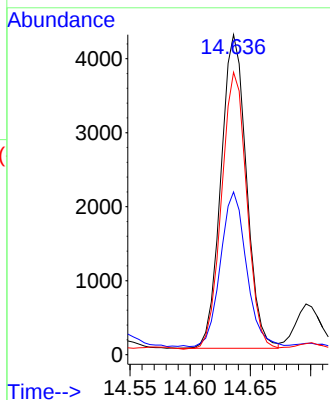
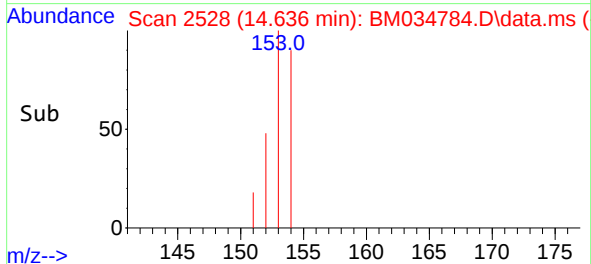
Instrument :
BNA_M
ClientSampleId :
BFFE4



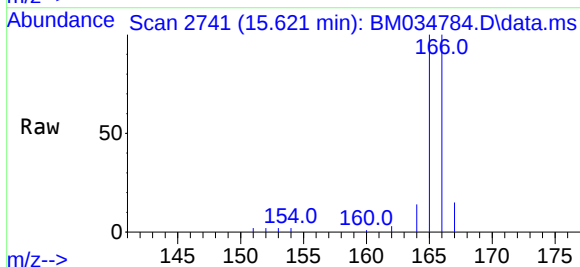
Tgt Ion:153 Resp: 6244
Ion Ratio Lower Upper
153 100
152 50.8 42.4 63.6
154 88.2 66.2 99.2

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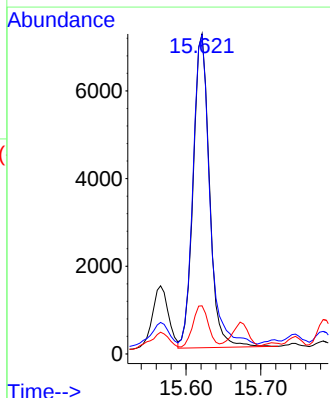
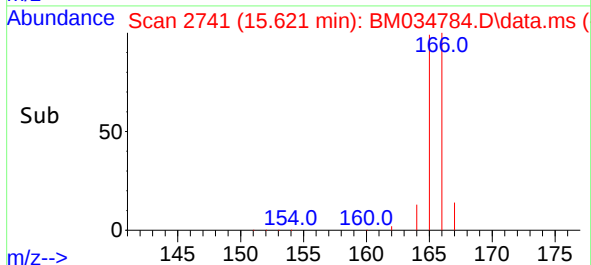
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

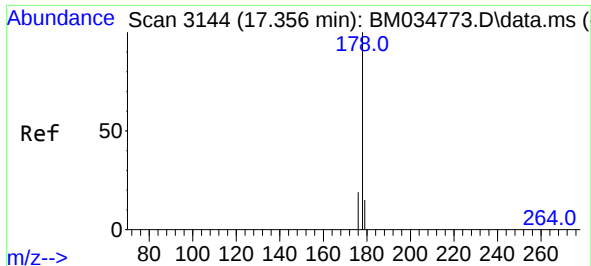


#12
Fluorene
Concen: 0.266 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01



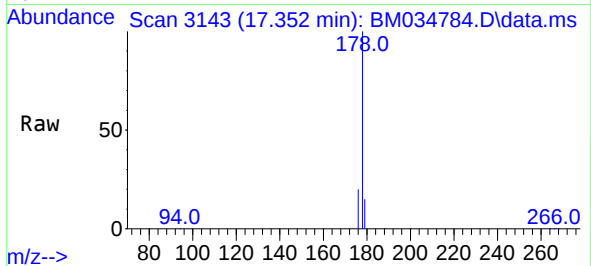
Tgt Ion:166 Resp: 10813
Ion Ratio Lower Upper
166 100
165 99.7 81.1 121.7
167 15.1 14.9 22.3





#15
Phenanthrene
Concen: 2.615 ng/u1
RT: 17.352 min Scan# 3144
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

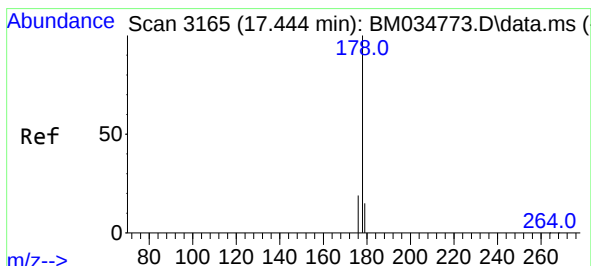
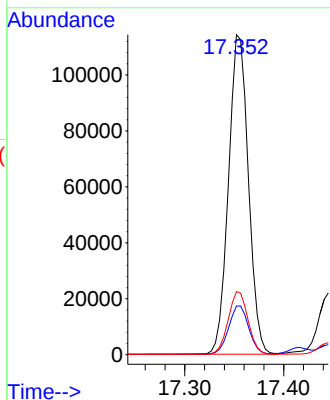
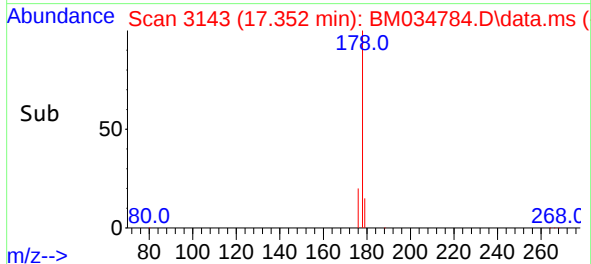
Instrument :
BNA_M
ClientSampleId :
BFFE4



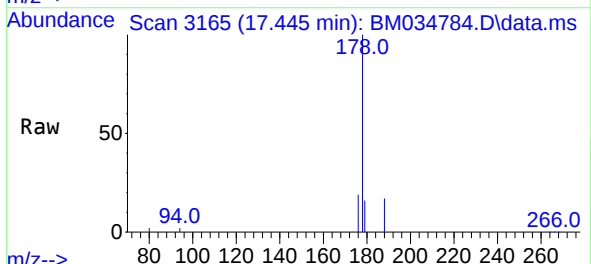
Tgt Ion:178 Resp: 159658
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.7 17.9 26.9

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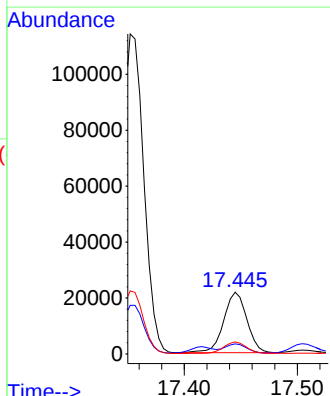
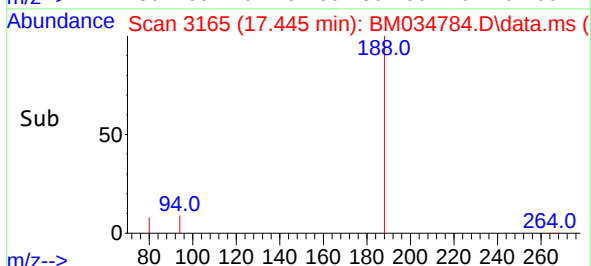
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

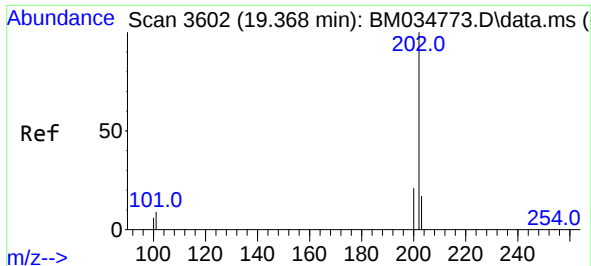


#16
Anthracene
Concen: 0.565 ng/u1
RT: 17.445 min Scan# 3165
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01



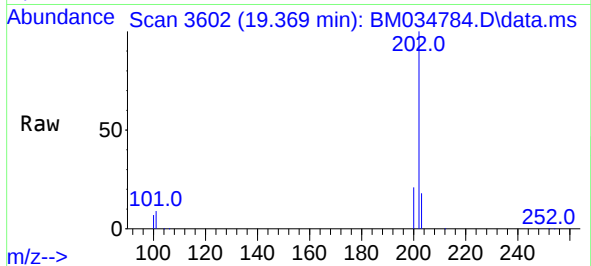
Tgt Ion:178 Resp: 30748
Ion Ratio Lower Upper
178 100
179 16.3 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 4.814 ng/u1
RT: 19.369 min Scan# 3602
Delta R.T. 0.003 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

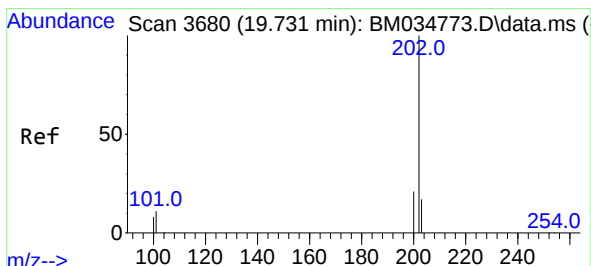
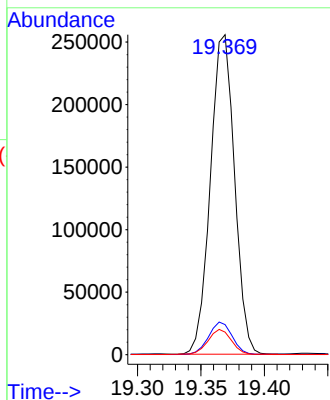
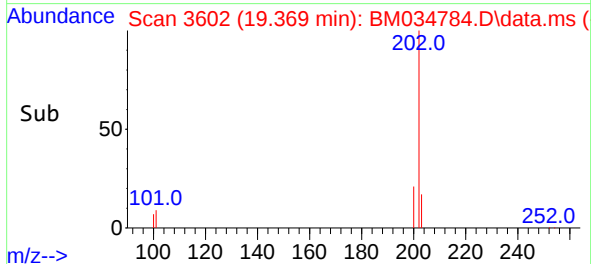
Instrument :
BNA_M
ClientSampleId :
BFFE4



Tgt Ion:202 Resp: 33810
Ion Ratio Lower Upper
202 100
101 9.4 9.2 13.8
100 7.1 7.2 10.8

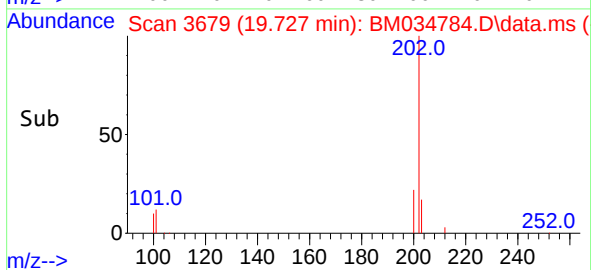
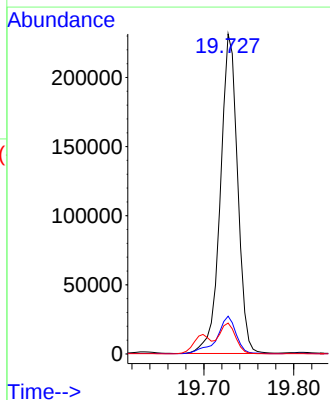
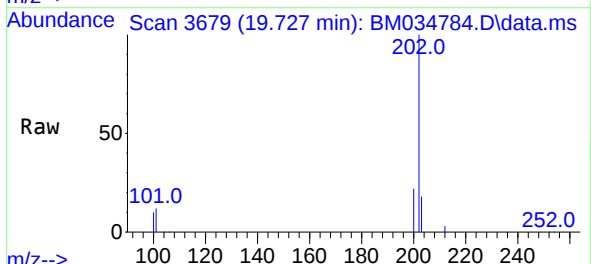
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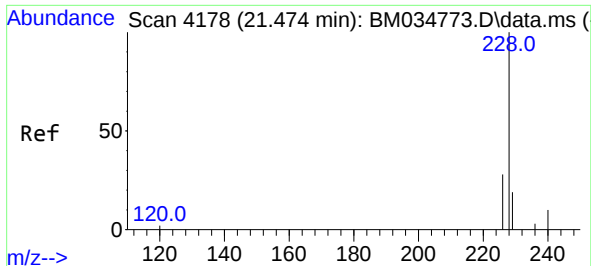
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#20
Pyrene
Concen: 4.350 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

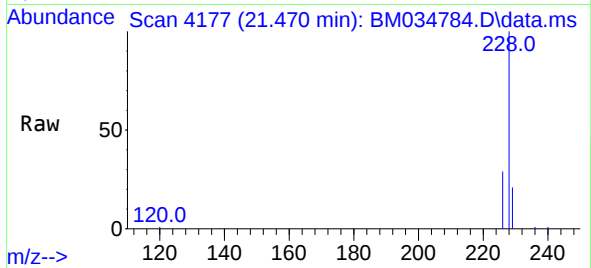
Tgt Ion:202 Resp: 306873
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 3.011 ng/u1
RT: 21.470 min Scan# 4178
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

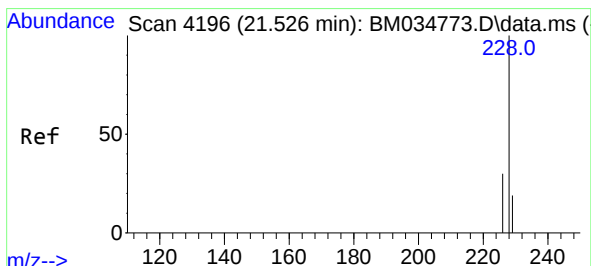
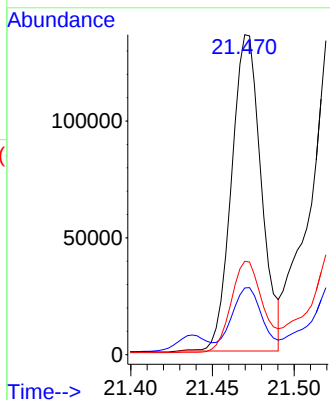
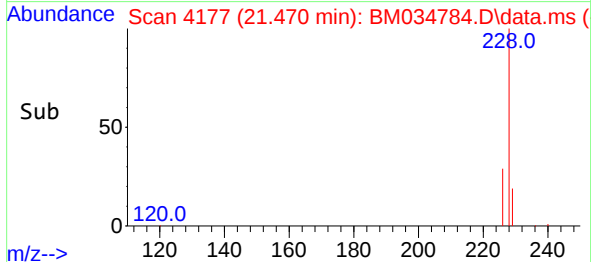
Instrument :
BNA_M
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BFFE4



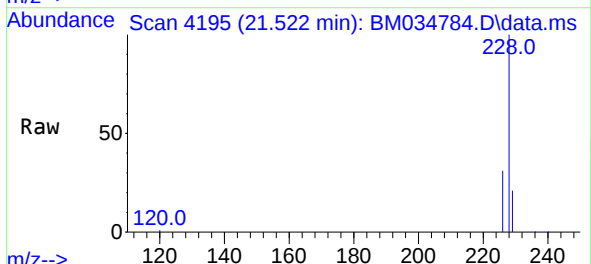
Tgt Ion:228 Resp: 17141
Ion Ratio Lower Upper
228 100
229 20.9 17.3 25.9
226 29.2 23.2 34.8

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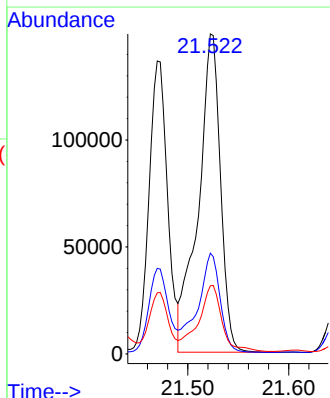
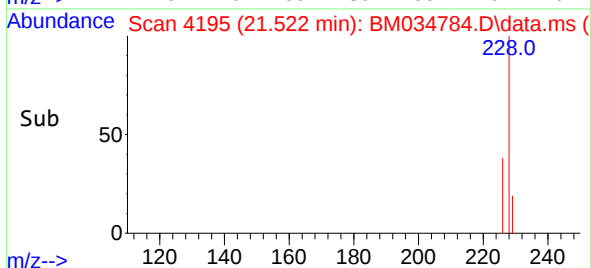
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

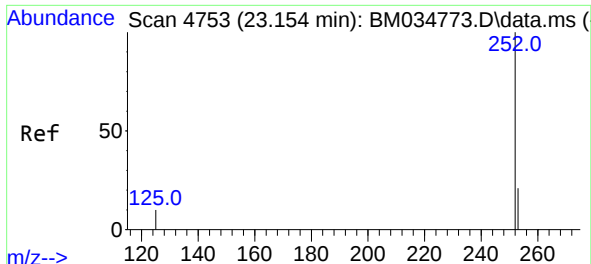


#22
Chrysene
Concen: 3.747 ng/u1
RT: 21.522 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01



Tgt Ion:228 Resp: 227410
Ion Ratio Lower Upper
228 100
226 31.5 25.8 38.8
229 21.3 16.7 25.1





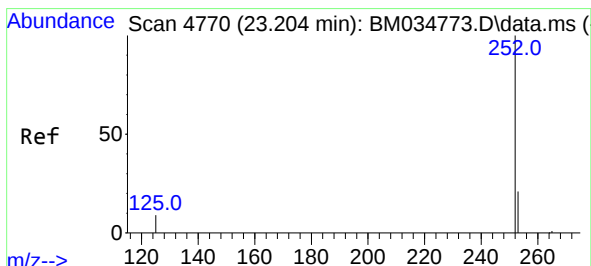
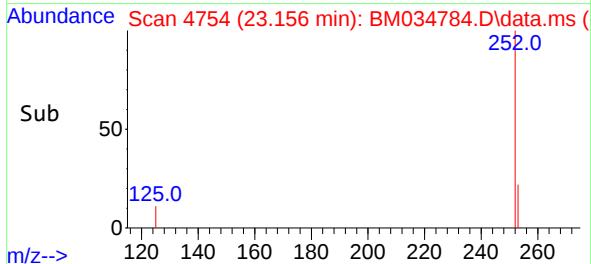
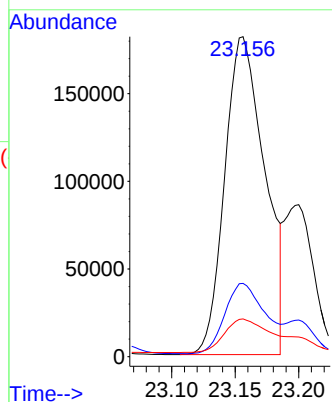
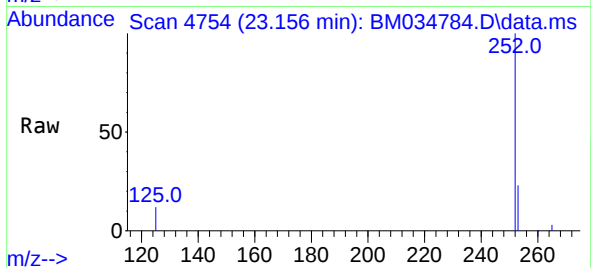
#24
Benzo(b)fluoranthene
Concen: 5.666 ng/ul
RT: 23.156 min Scan# 4753
Delta R.T. 0.004 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

Instrument :
BNA_M
ClientSampleId :
BFFE4

Tgt Ion:252 Resp: 398240
Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 11.8 0.0 28.8

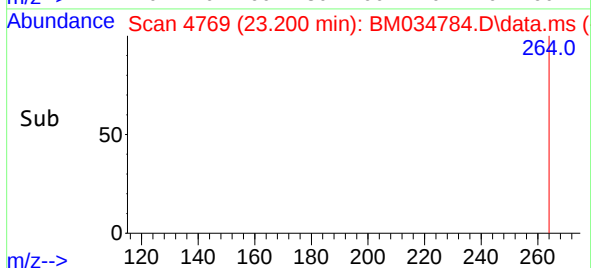
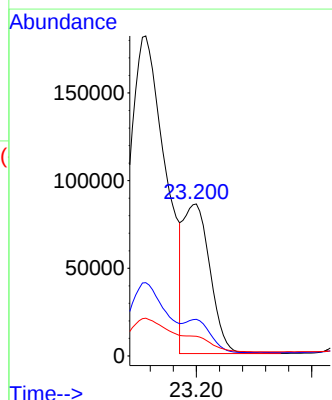
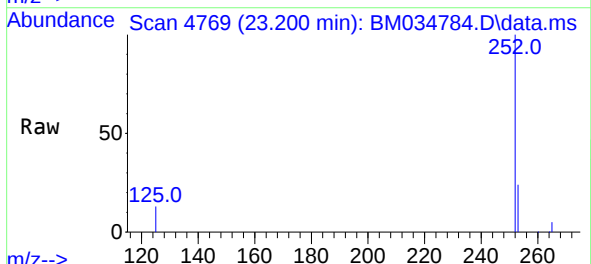
Manual Integrations
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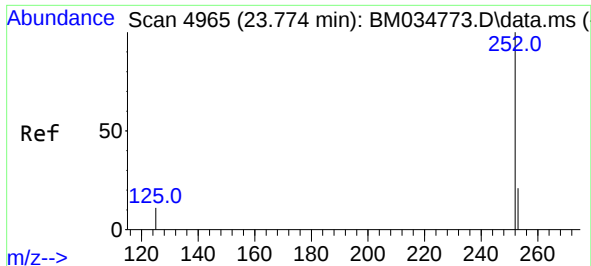
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#25
Benzo(k)fluoranthene
Concen: 1.943 ng/ul m
RT: 23.200 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

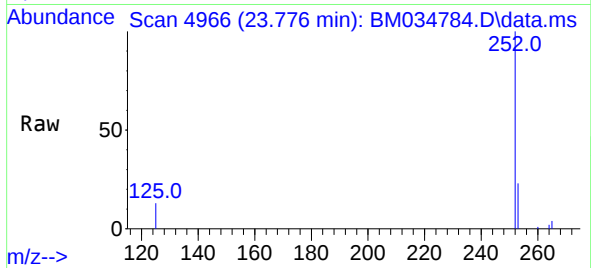
Tgt Ion:252 Resp: 136451
Ion Ratio Lower Upper
252 100
253 24.1 26.8 40.2#
125 13.0 12.0 18.0





#26
Benzo(a)pyrene
Concen: 4.410 ng/ul
RT: 23.776 min Scan# 4965
Delta R.T. 0.001 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

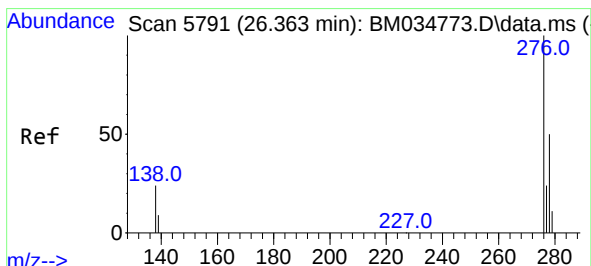
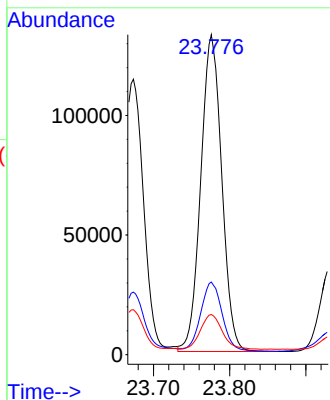
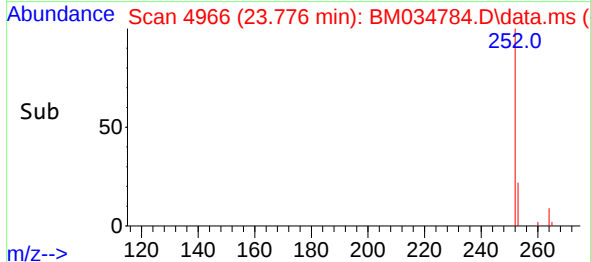
Instrument :
BNA_M
ClientSampleId :
BFFE4



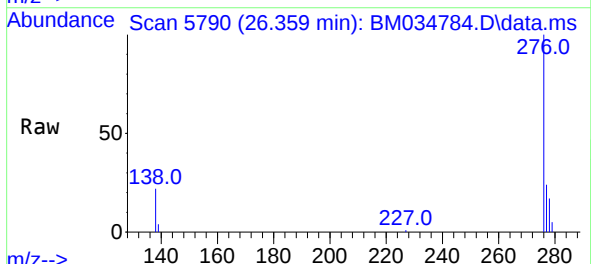
Tgt Ion:252 Resp: 252910
Ion Ratio Lower Upper
252 100
253 22.7 32.0 48.0
125 12.6 14.5 21.7

Manual Integrations
APPROVED

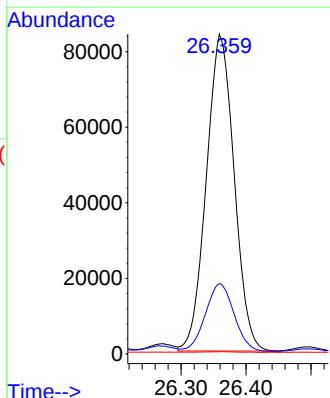
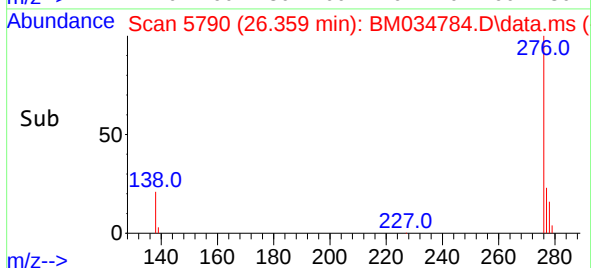
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

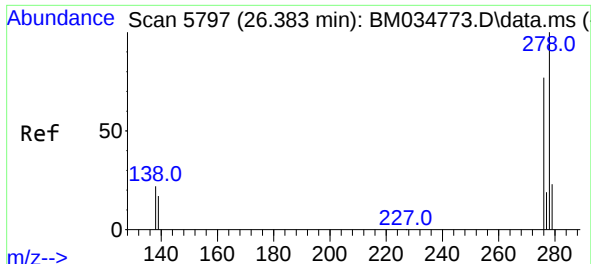


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.095 ng/ul
RT: 26.359 min Scan# 5790
Delta R.T. -0.002 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01



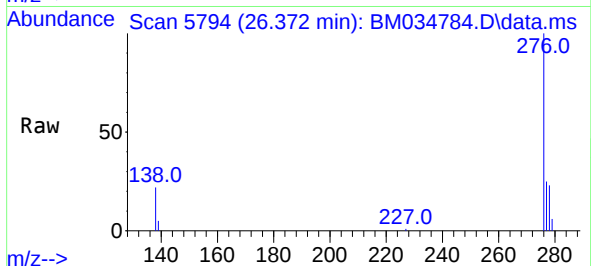
Tgt Ion:276 Resp: 249235
Ion Ratio Lower Upper
276 100
138 22.0 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.845 ng/ul m
RT: 26.372 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01

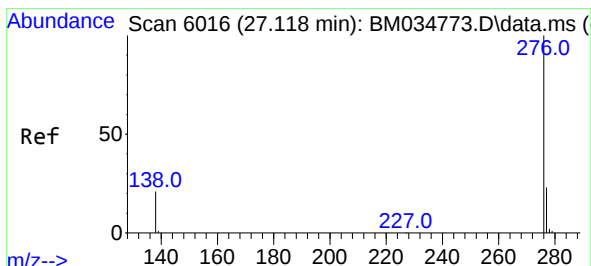
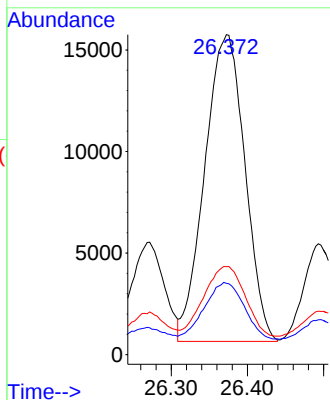
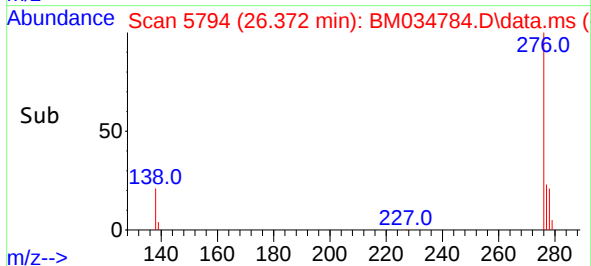
Instrument :
BNA_M
ClientSampleId :
BFFE4



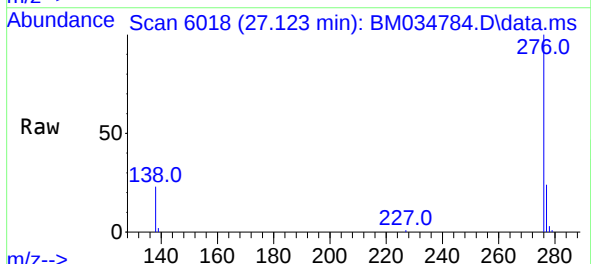
Tgt Ion:278 Resp: 5540
Ion Ratio Lower Upper
278 100
139 22.3 18.0 27.0
279 27.5 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.286 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. 0.005 min
Lab File: BM034784.D
Acq: 23 Apr 2022 01:01



Tgt Ion:276 Resp: 228372
Ion Ratio Lower Upper
276 100
138 22.8 17.4 26.0
277 23.9 22.6 33.8

