

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034783.D
 Acq On : 23 Apr 2022 00:25
 Operator : CG/JU
 Sample : N2374-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD4

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:17:06 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	7124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	18043	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	9536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	17806	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	13810	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	14847	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	16540	2.099	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	4001	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	8073	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	3289	0.064	ng/ul	95
7) 2-Methylnaphthalene	12.404	142	2266	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	2875	0.085	ng/ul	100
10) Acenaphthylene	14.293	152	12493	0.300	ng/ul	92
11) Acenaphthene	14.635	153	5493	0.156	ng/ul	96
12) Fluorene	15.621	166	12031	0.303	ng/ul	96
15) Phenanthrene	17.355	178	249663	4.241	ng/ul	93
16) Anthracene	17.444	178	36396	0.694	ng/ul#	92
19) Fluoranthene	19.368	202	581349	8.769	ng/ul#	94
20) Pyrene	19.731	202	482915	7.253	ng/ul	96
21) Benzo(a)anthracene	21.471	228	221633	4.125	ng/ul	99
22) Chrysene	21.523	228	291386	5.087	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	407140	6.006	ng/ul	87
25) Benzo(k)fluoranthene	23.201	252	127024m	1.875	ng/ul	
26) Benzo(a)pyrene	23.777	252	254654	4.603	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.363	276	204646	2.635	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.376	278	48618	0.769	ng/ul	92
29) Benzo(g,h,i)perylene	27.124	276	170174	2.538	ng/ul	95

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

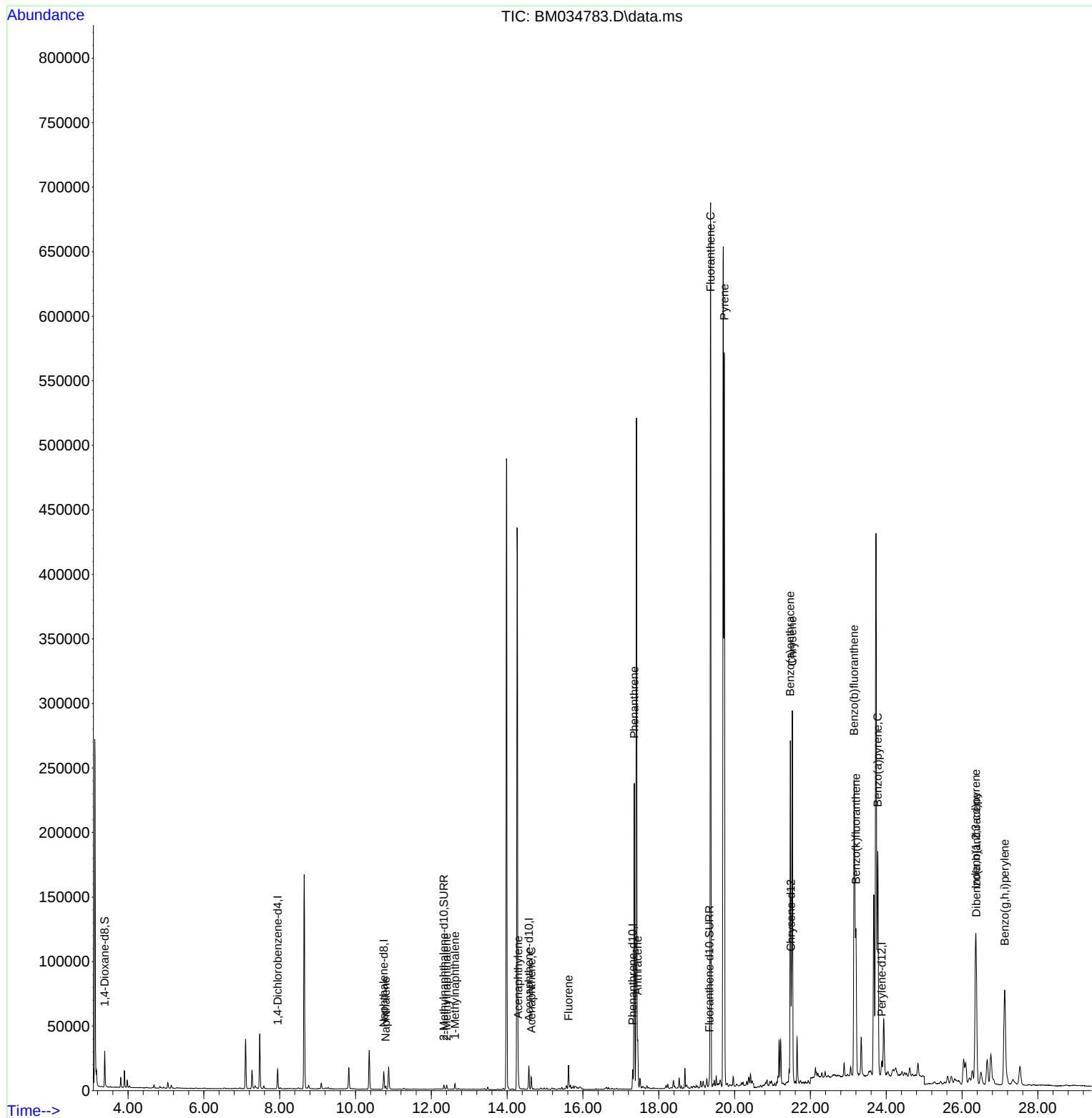
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034783.D
Acq On : 23 Apr 2022 00:25
Operator : CG/JU
Sample : N2374-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

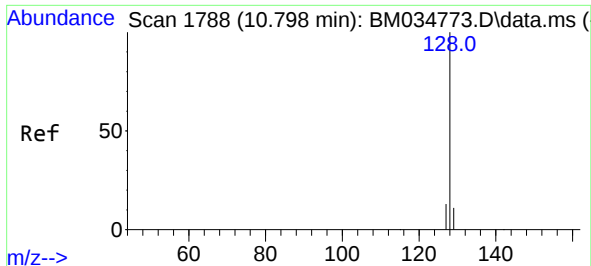
Instrument :
BNA_M
ClientSampleId :
BFFD4

Quant Time: Apr 23 03:17:06 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

Manual Integrations
APPROVED

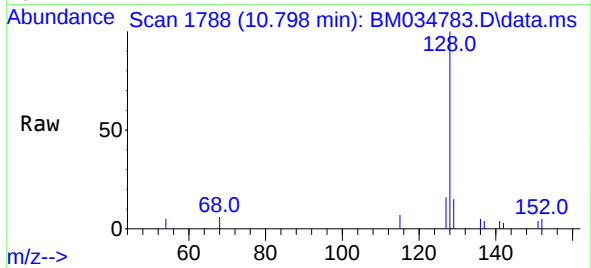
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

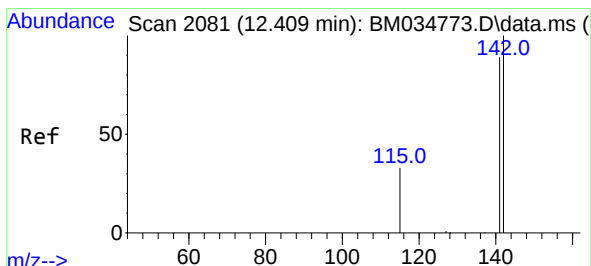
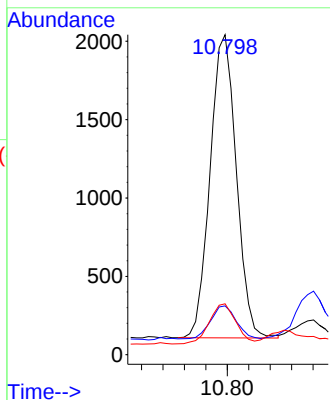
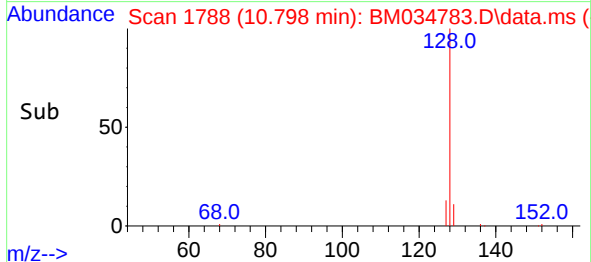
Instrument :
BNA_M
ClientSampleId :
BFFD4



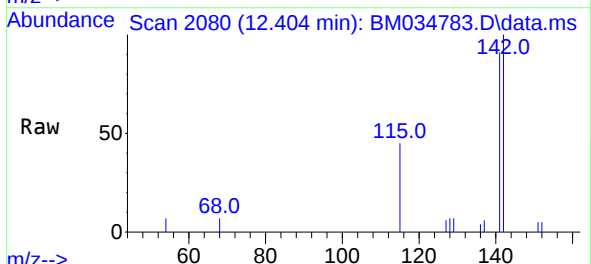
Tgt Ion:128 Resp: 3289
Ion Ratio Lower Upper
128 100
129 15.3 13.4 20.2
127 15.9 15.2 22.8

Manual Integrations
APPROVED

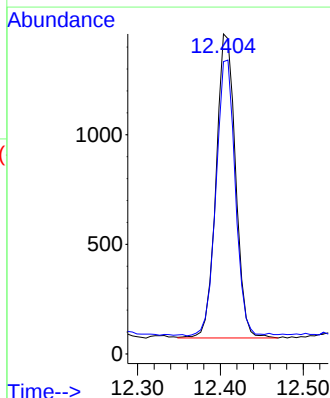
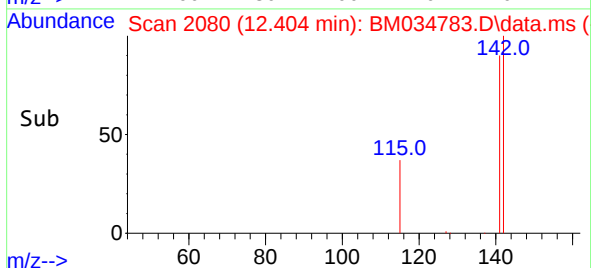
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

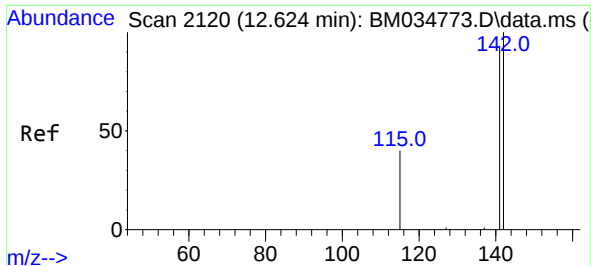


#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



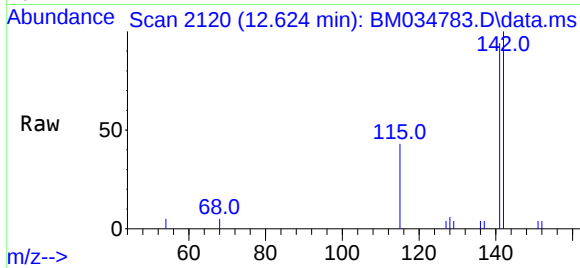
Tgt Ion:142 Resp: 2266
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.085 ng/u1
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

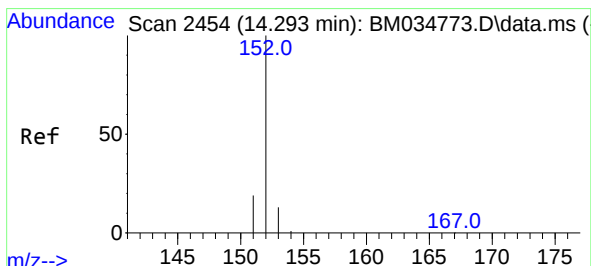
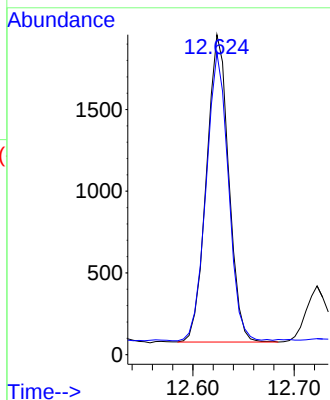
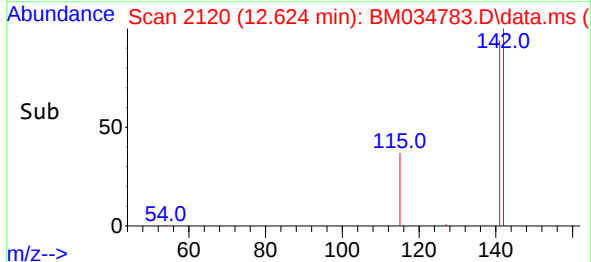
Instrument :
BNA_M
ClientSampleId :
BFFD4



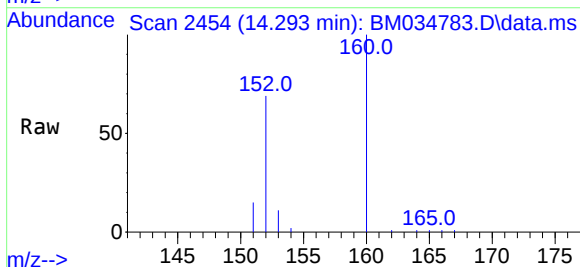
Tgt Ion:142 Resp: 2875
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

Manual Integrations
APPROVED

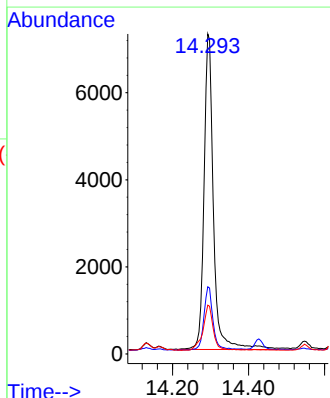
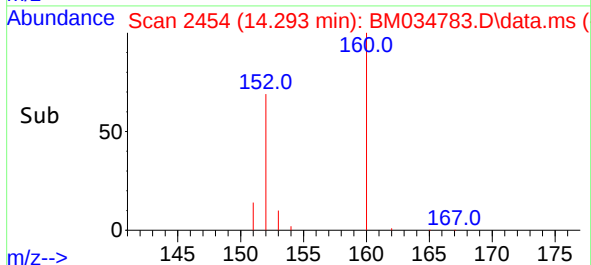
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

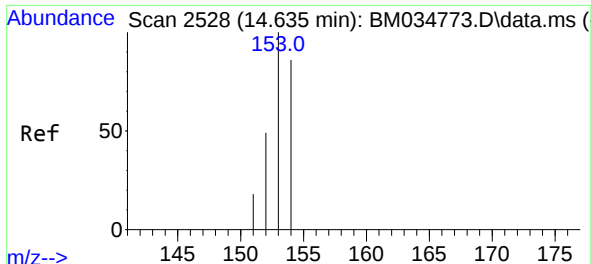


#10
Acenaphthylene
Concen: 0.300 ng/u1
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



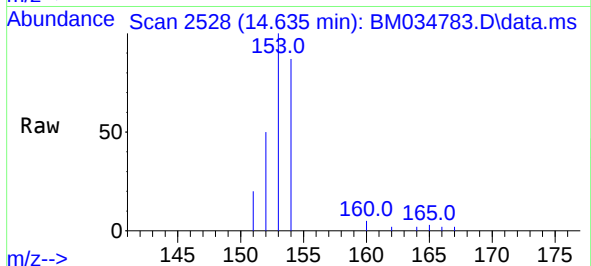
Tgt Ion:152 Resp: 12493
Ion Ratio Lower Upper
152 100
151 21.0 19.9 29.9
153 15.2 15.0 22.4





#11
Acenaphthene
Concen: 0.156 ng/u1
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

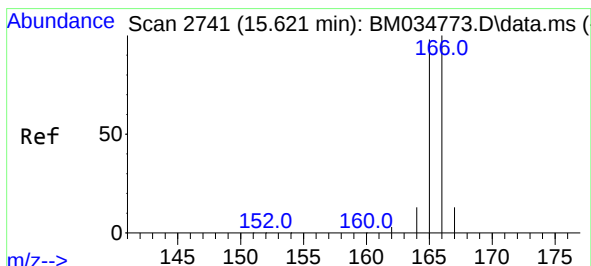
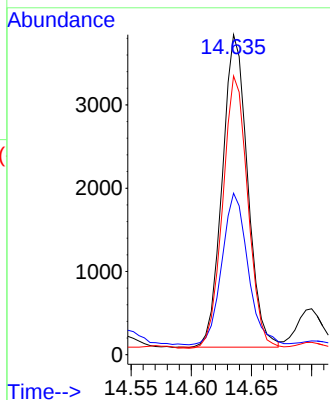
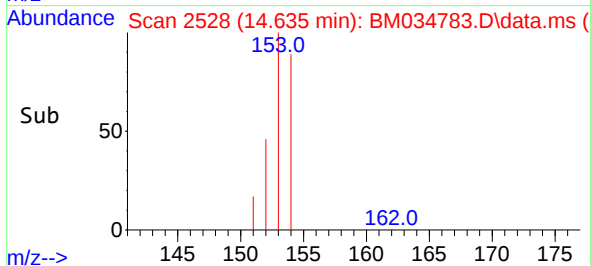
Instrument :
BNA_M
ClientSampleId :
BFFD4



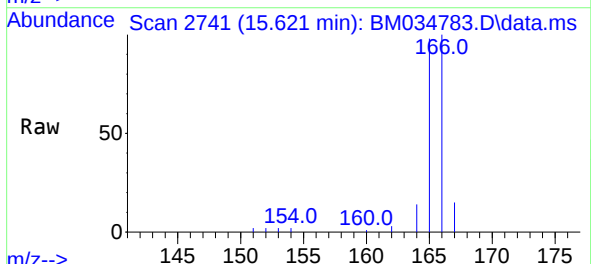
Tgt Ion:153 Resp: 549
Ion Ratio Lower Upper
153 100
152 50.4 42.4 63.6
154 87.1 66.2 99.2

Manual Integrations
APPROVED

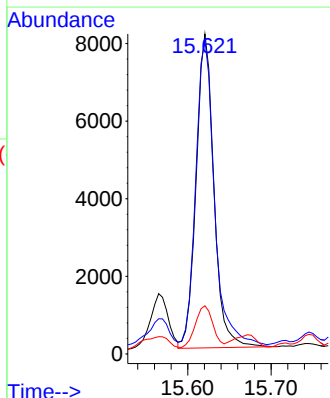
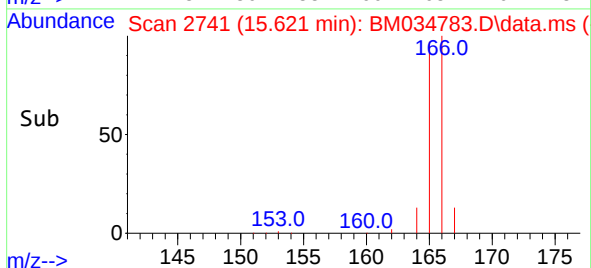
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

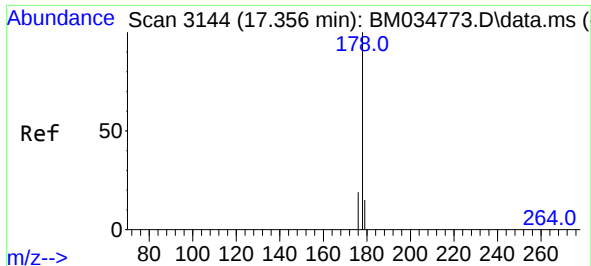


#12
Fluorene
Concen: 0.303 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



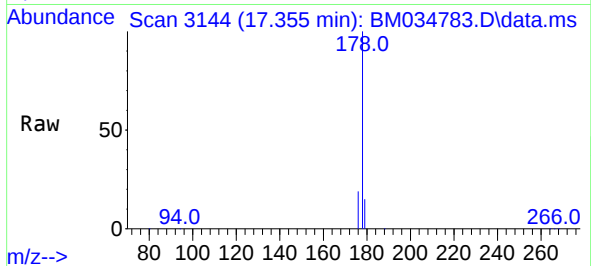
Tgt Ion:166 Resp: 12031
Ion Ratio Lower Upper
166 100
165 98.1 81.1 121.7
167 15.1 14.9 22.3





#15
Phenanthrene
Concen: 4.241 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

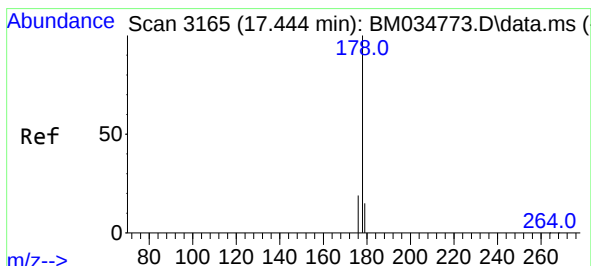
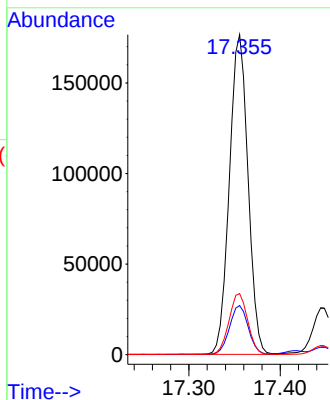
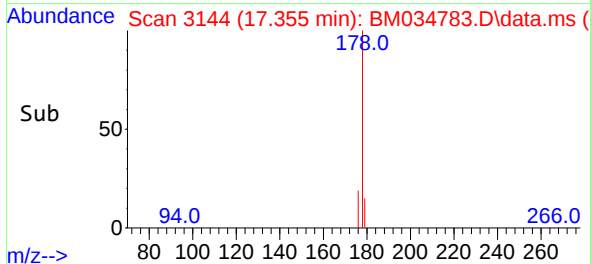
Instrument :
BNA_M
ClientSampleId :
BFFD4



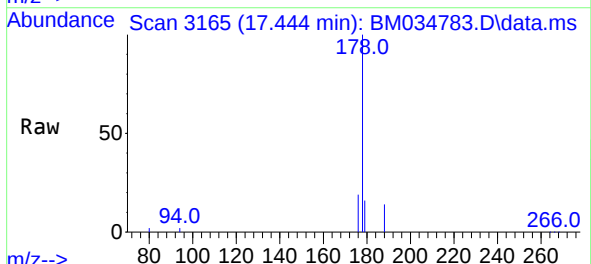
Tgt Ion:178 Resp: 24966
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.1 17.9 26.9

Manual Integrations
APPROVED

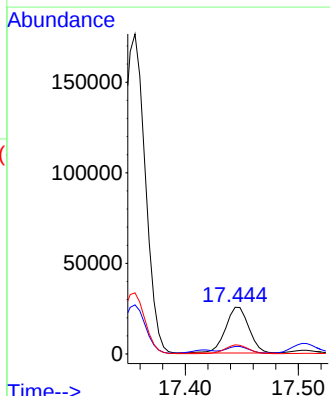
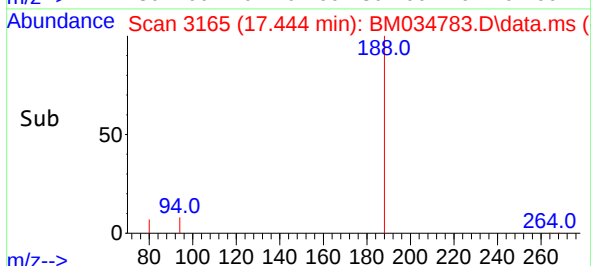
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

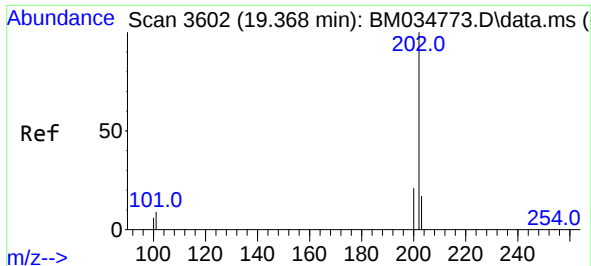


#16
Anthracene
Concen: 0.694 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



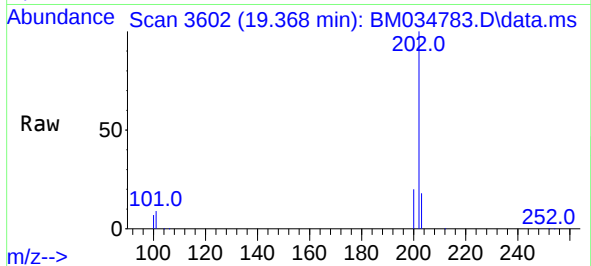
Tgt Ion:178 Resp: 36396
Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 8.769 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

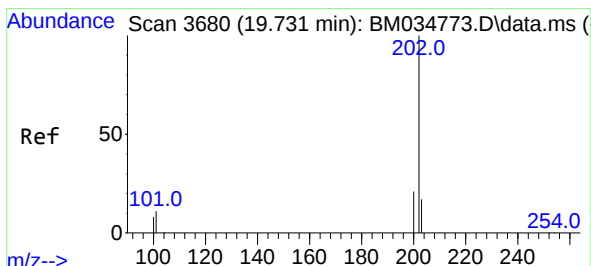
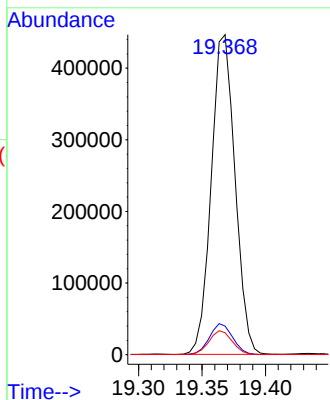
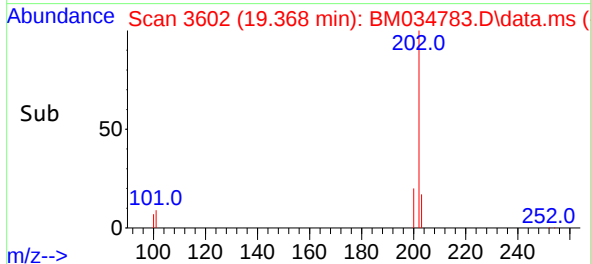
Instrument :
BNA_M
ClientSampleId :
BFFD4



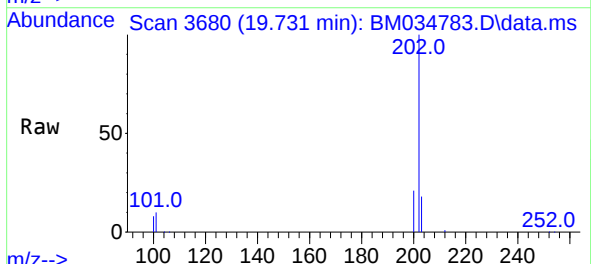
Tgt Ion:202 Resp: 581349
Ion Ratio Lower Upper
202 100
101 9.0 9.2 13.8
100 6.8 7.2 10.8

Manual Integrations
APPROVED

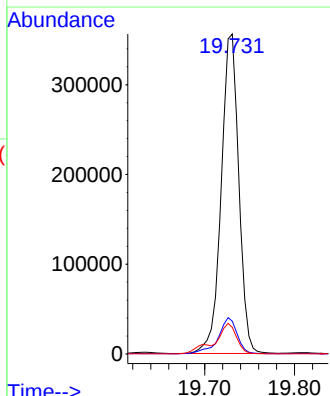
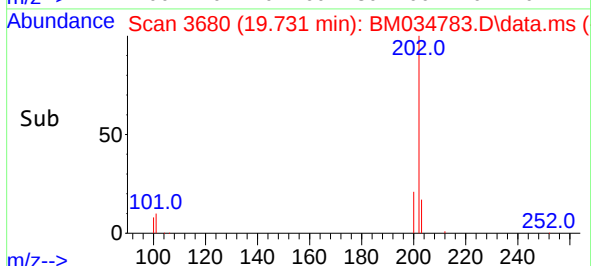
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

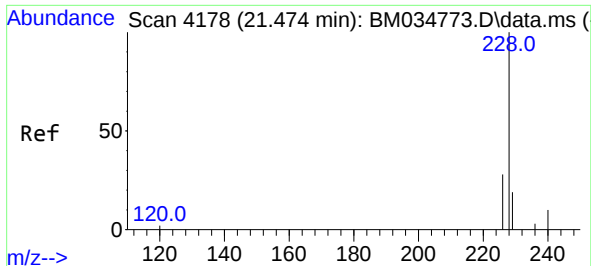


#20
Pyrene
Concen: 7.253 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



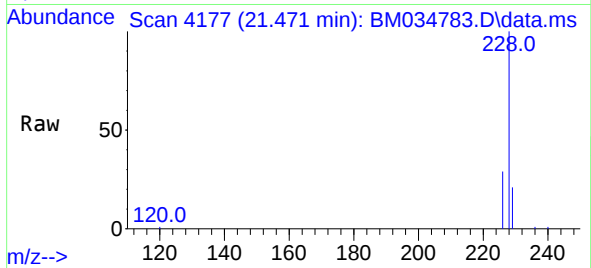
Tgt Ion:202 Resp: 482915
Ion Ratio Lower Upper
202 100
101 10.2 9.3 13.9
100 8.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 4.125 ng/u1
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

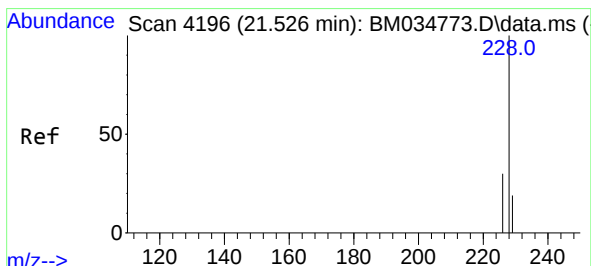
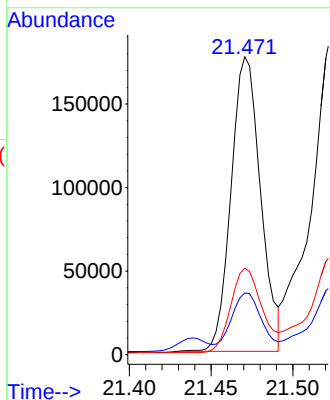
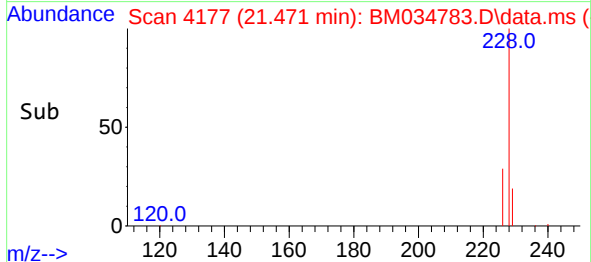
Instrument :
BNA_M
ClientSampleId :
BFFD4



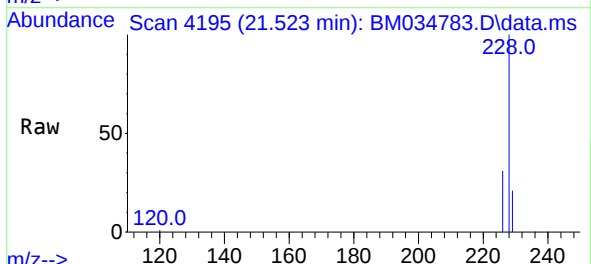
Tgt Ion:228 Resp: 221633
Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 29.0 23.2 34.8

Manual Integrations
APPROVED

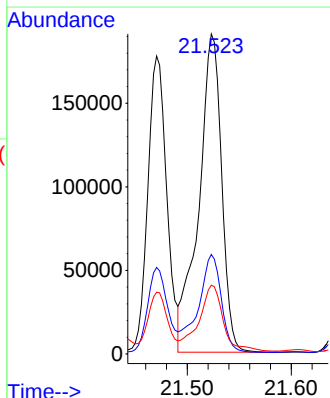
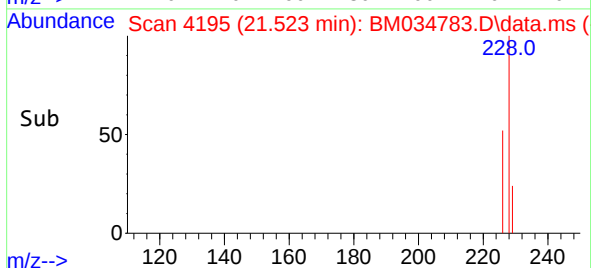
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

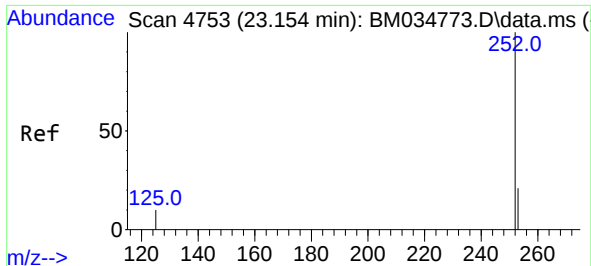


#22
Chrysene
Concen: 5.087 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



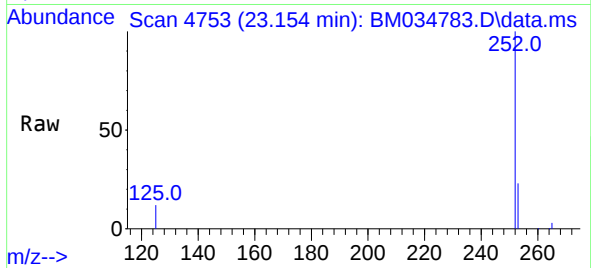
Tgt Ion:228 Resp: 291386
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 6.006 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

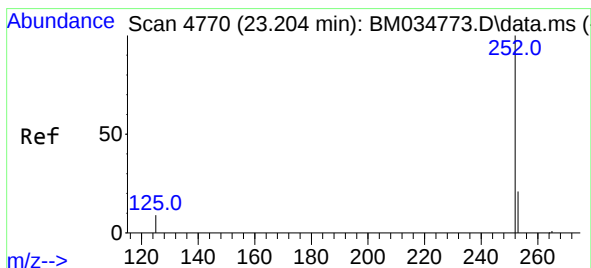
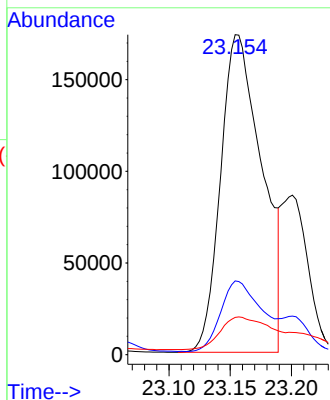
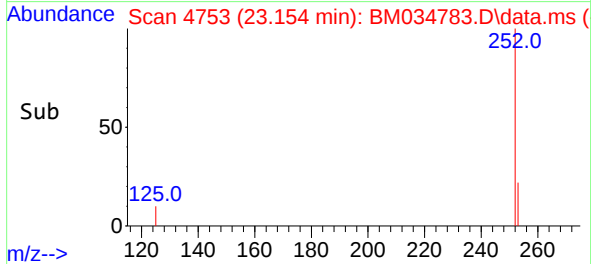
Instrument :
BNA_M
ClientSampleId :
BFFD4



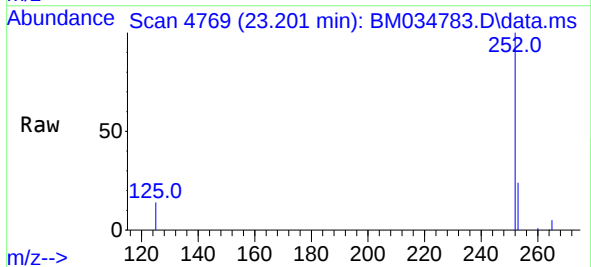
Tgt Ion:252 Resp: 407140
Ion Ratio Lower Upper
252 100
253 23.1 0.0 64.2
125 11.6 0.0 28.8

Manual Integrations
APPROVED

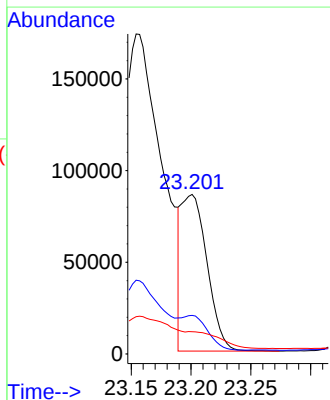
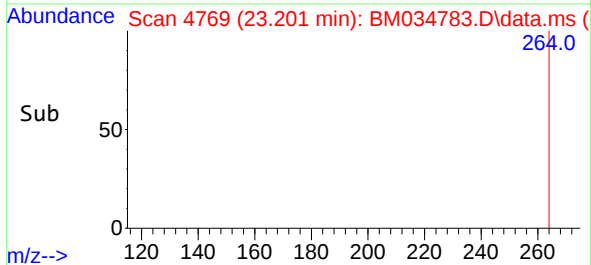
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

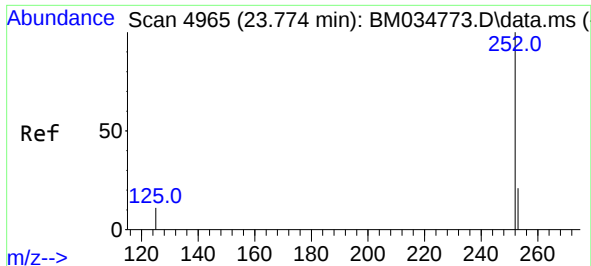


#25
Benzo(k)fluoranthene
Concen: 1.875 ng/ul m
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



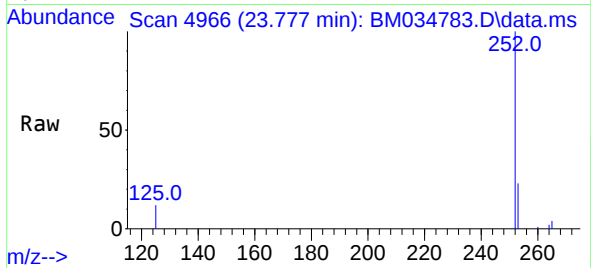
Tgt Ion:252 Resp: 127024
Ion Ratio Lower Upper
252 100
253 24.2 26.8 40.2#
125 13.9 12.0 18.0





#26
Benzo(a)pyrene
Concen: 4.603 ng/u1
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

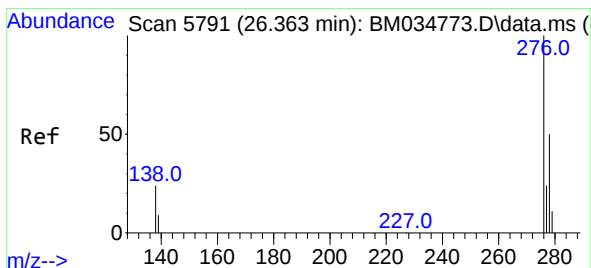
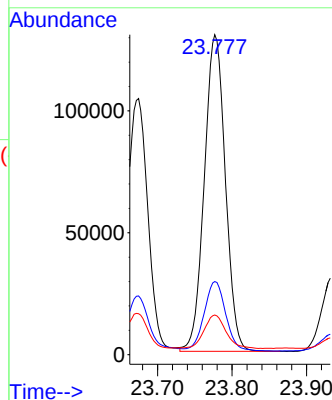
Instrument :
BNA_M
ClientSampleId :
BFFD4



Tgt Ion:252 Resp: 254654
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0
125 12.4 14.5 21.7

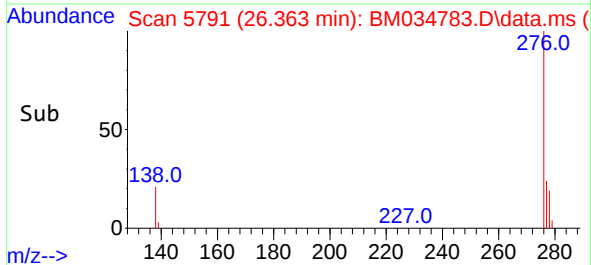
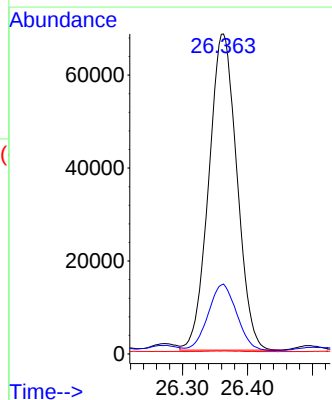
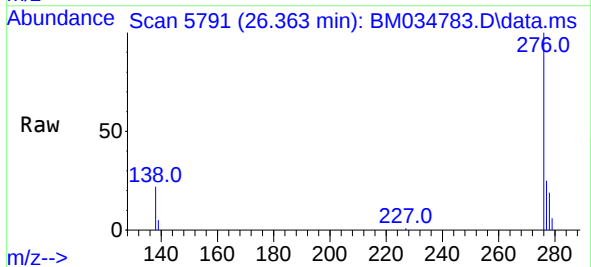
Manual Integrations
APPROVED

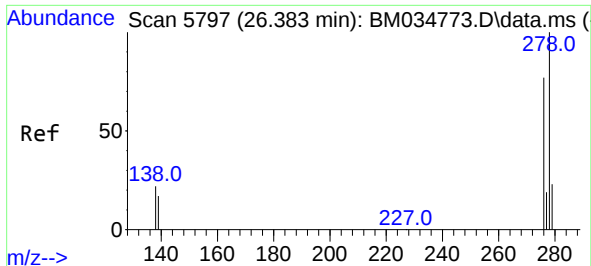
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.635 ng/u1
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

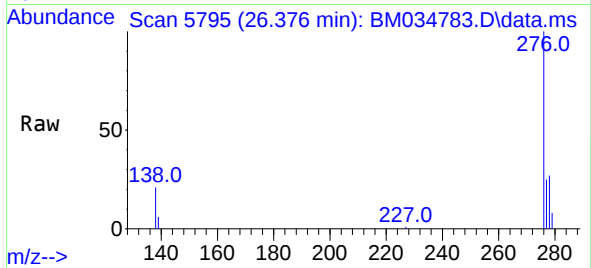
Tgt Ion:276 Resp: 204646
Ion Ratio Lower Upper
276 100
138 21.3 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.769 ng/ul
RT: 26.376 min Scan# 518
Delta R.T. -0.008 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25

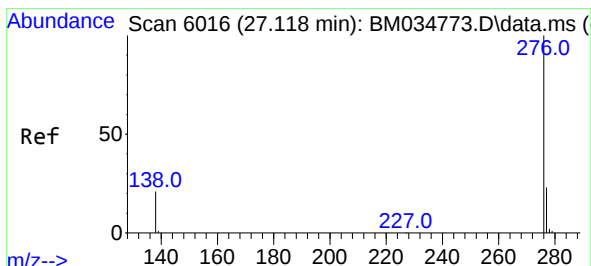
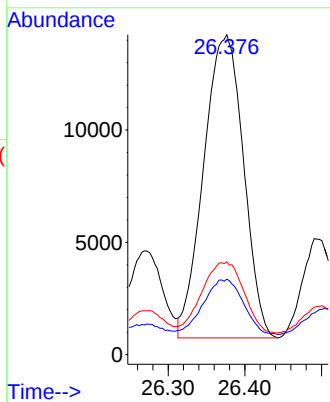
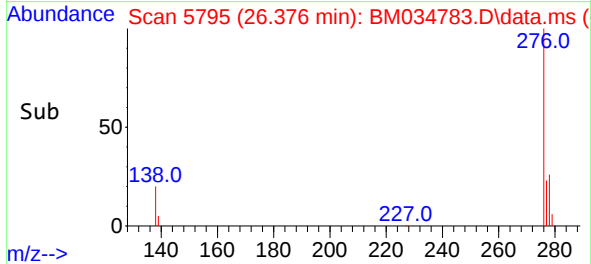
Instrument :
BNA_M
ClientSampleId :
BFFD4



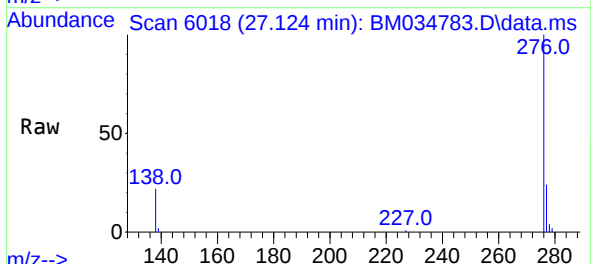
Tgt Ion:278 Resp: 48618
Ion Ratio Lower Upper
278 100
139 23.6 18.0 27.0
279 29.0 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.538 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. 0.005 min
Lab File: BM034783.D
Acq: 23 Apr 2022 00:25



Tgt Ion:276 Resp: 170174
Ion Ratio Lower Upper
276 100
138 22.2 17.4 26.0
277 24.3 22.6 33.8

