

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034782.D
 Acq On : 22 Apr 2022 23:49
 Operator : CG/JU
 Sample : N2374-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF1

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:14:24 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	7349	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	18542	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	10111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	19350	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	14953	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	15522	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	20007	2.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5014	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11723	0.249	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.792	128	1366	0.026	ng/ul#	95
7) 2-Methylnaphthalene	12.409	142	1089	0.031	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	1027	0.030	ng/ul	100
10) Acenaphthylene	14.293	152	7497	0.170	ng/ul	93
11) Acenaphthene	14.635	153	1794	0.048	ng/ul	97
12) Fluorene	15.621	166	3858	0.092	ng/ul	99
15) Phenanthrene	17.355	178	98564	1.541	ng/ul	93
16) Anthracene	17.444	178	13197	0.232	ng/ul	94
19) Fluoranthene	19.363	202	215681	3.005	ng/ul	96
20) Pyrene	19.731	202	191579	2.657	ng/ul	96
21) Benzo(a)anthracene	21.471	228	77271	1.328	ng/ul	99
22) Chrysene	21.523	228	104172	1.680	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	133930	1.890	ng/ul	90
25) Benzo(k)fluoranthene	23.198	252	50726m	0.716	ng/ul	
26) Benzo(a)pyrene	23.774	252	82588	1.428	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.360	276	74531	0.918	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.366	278	17449	0.264	ng/ul#	85
29) Benzo(g,h,i)perylene	27.121	276	68327	0.975	ng/ul	95

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

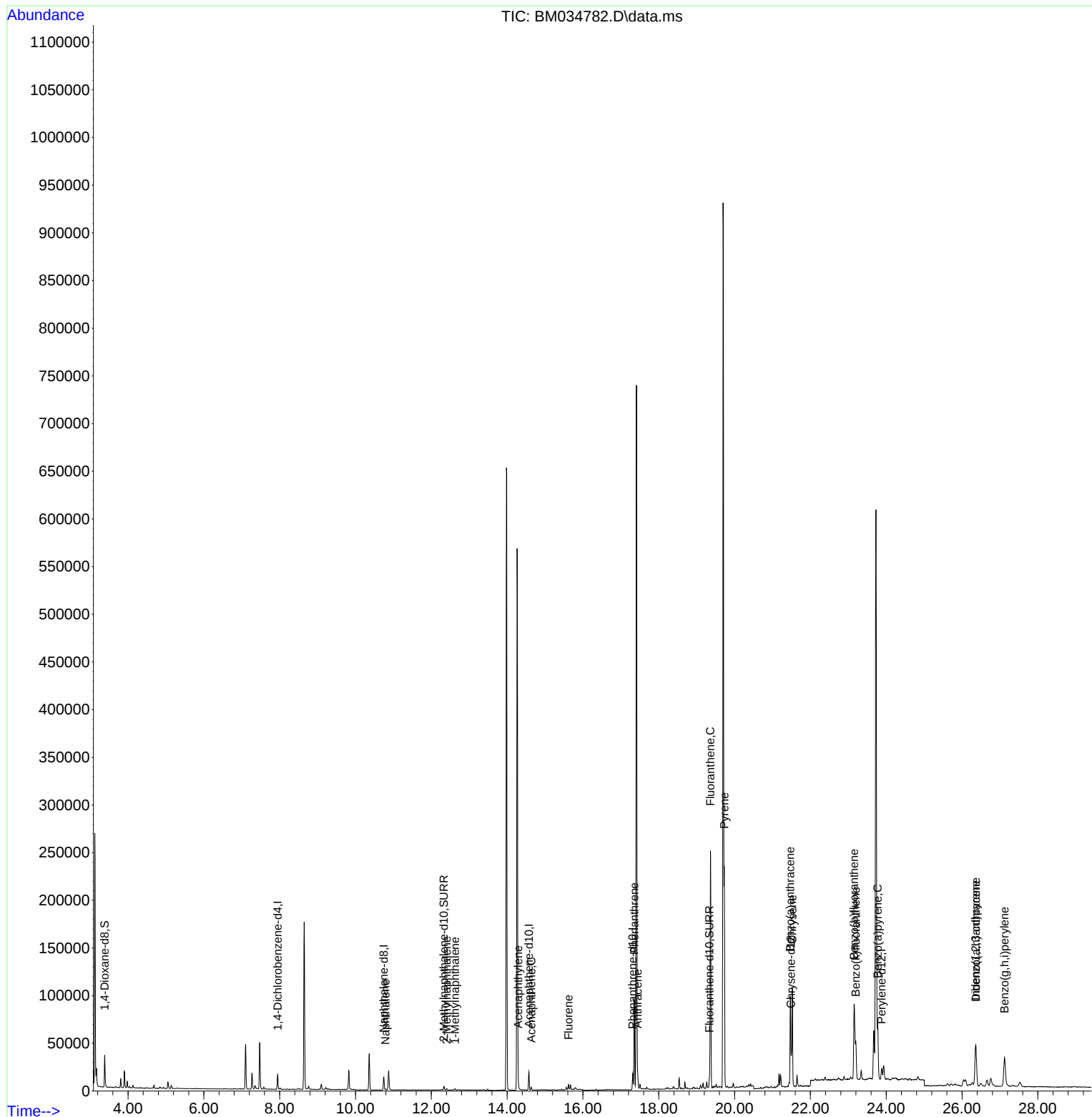
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034782.D
Acq On : 22 Apr 2022 23:49
Operator : CG/JU
Sample : N2374-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

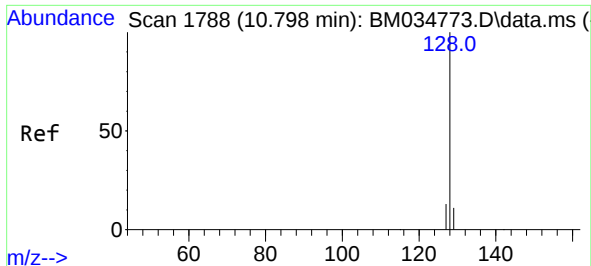
Instrument :
BNA_M
ClientSampleId :
BFFF1

Manual Integrations
APPROVED

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

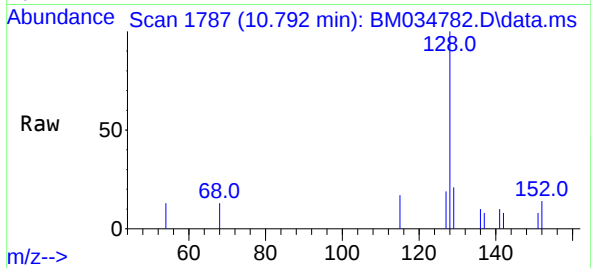
Quant Time: Apr 23 03:14:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

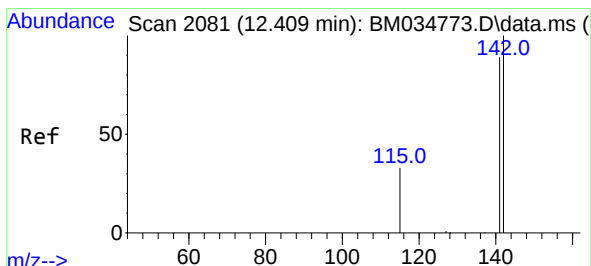
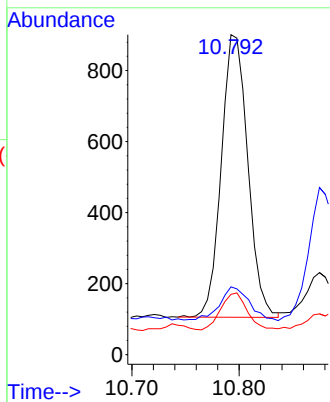
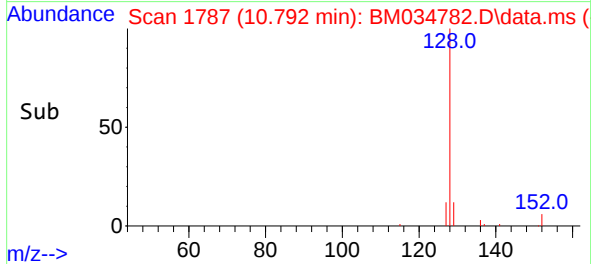
Instrument :
BNA_M
ClientSampleId :
BFFF1



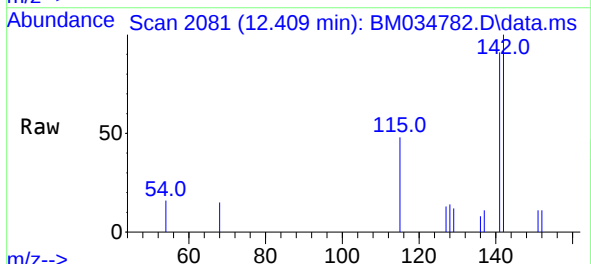
Tgt Ion:128 Resp: 1360
Ion Ratio Lower Upper
128 100
129 21.2 13.4 20.2
127 18.9 15.2 22.8

Manual Integrations
APPROVED

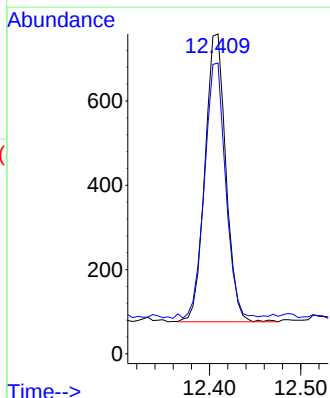
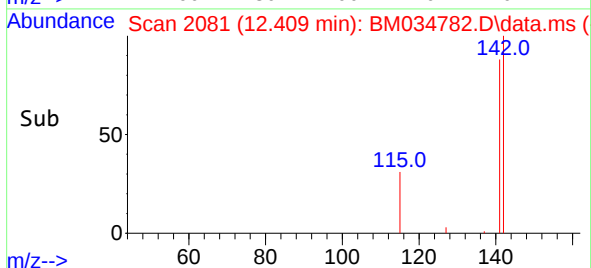
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

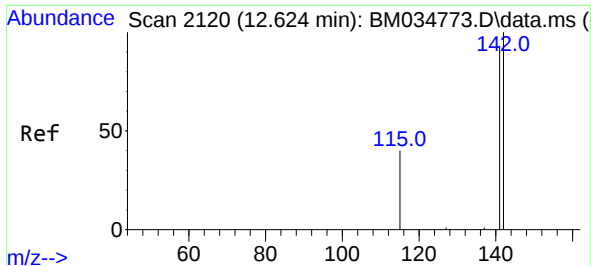


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



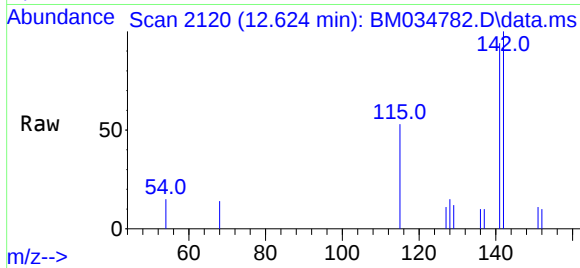
Tgt Ion:142 Resp: 1089
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.030 ng/u1
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

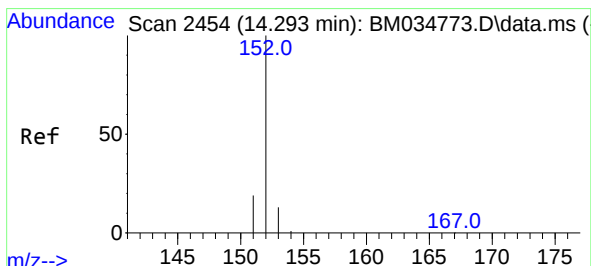
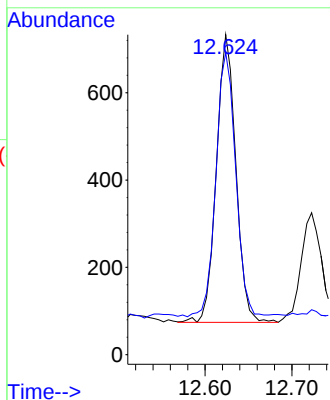
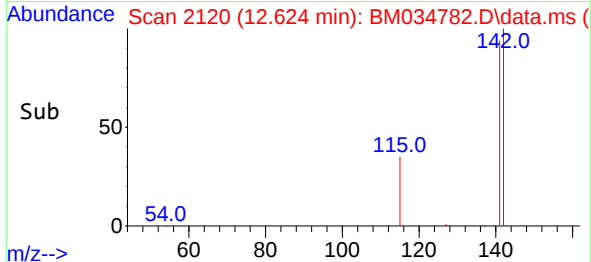
Instrument :
BNA_M
ClientSampleId :
BFFF1



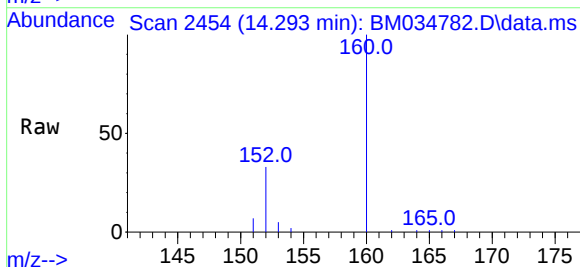
Tgt Ion:142 Resp: 102
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4

Manual Integrations
APPROVED

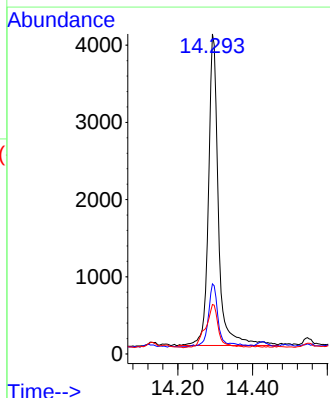
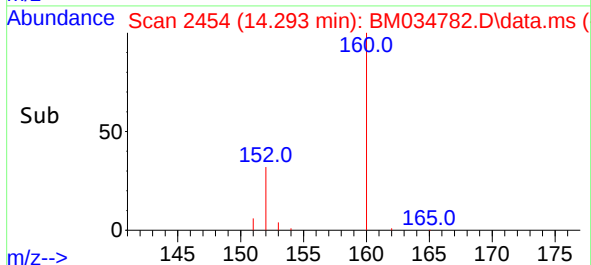
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

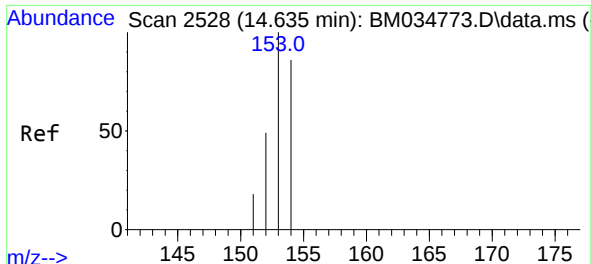


#10
Acenaphthylene
Concen: 0.170 ng/u1
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



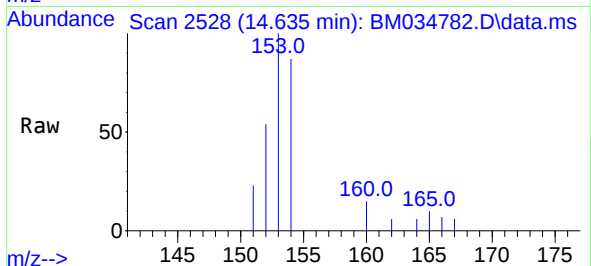
Tgt Ion:152 Resp: 7497
Ion Ratio Lower Upper
152 100
151 21.9 19.9 29.9
153 15.4 15.0 22.4





#11
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

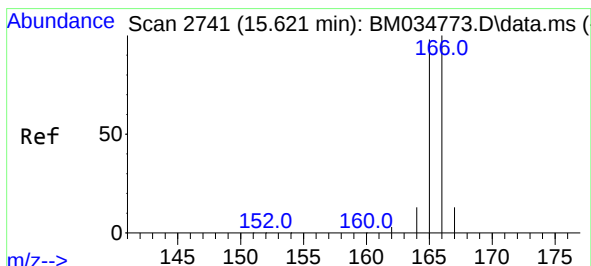
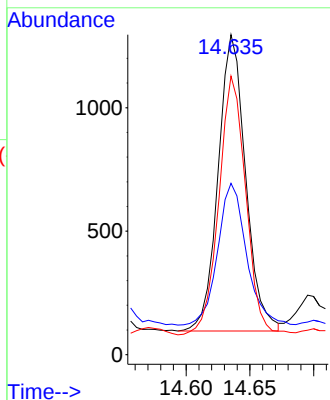
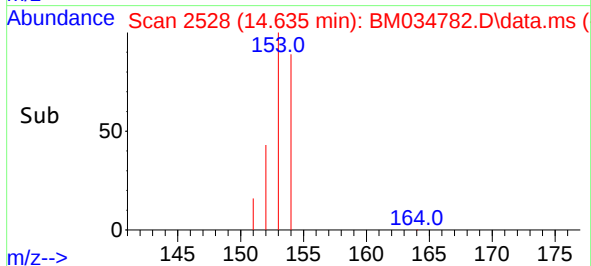
Instrument :
BNA_M
ClientSampleId :
BFFF1



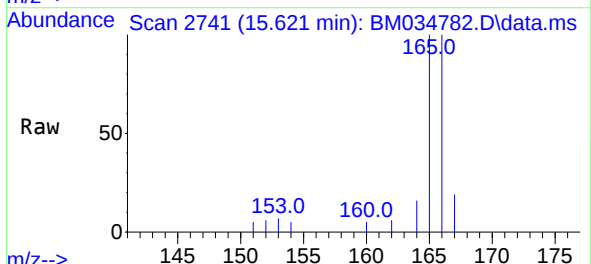
Tgt Ion:153 Resp: 1794
Ion Ratio Lower Upper
153 100
152 53.5 42.4 63.6
154 87.0 66.2 99.2

Manual Integrations
APPROVED

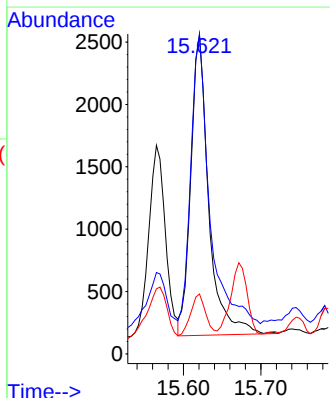
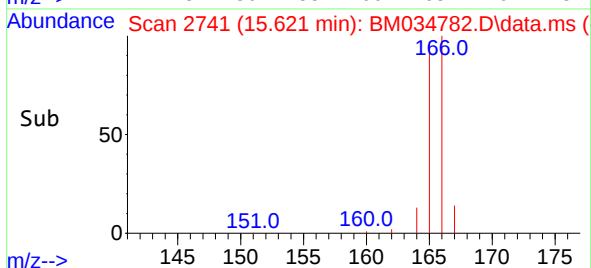
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

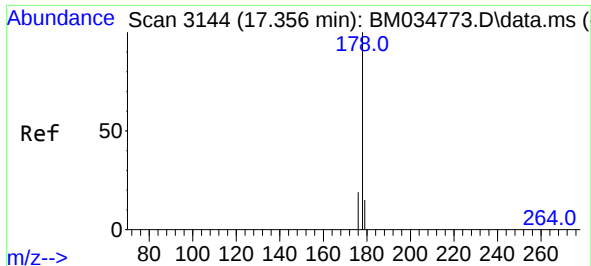


#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



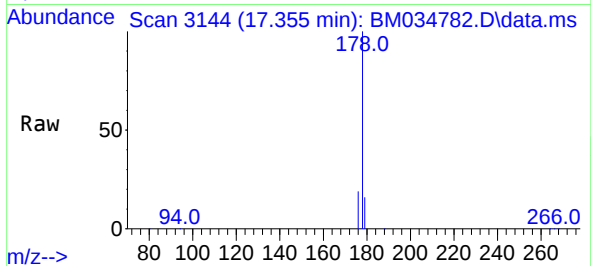
Tgt Ion:166 Resp: 3858
Ion Ratio Lower Upper
166 100
165 100.3 81.1 121.7
167 18.8 14.9 22.3





#15
Phenanthrene
Concen: 1.541 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

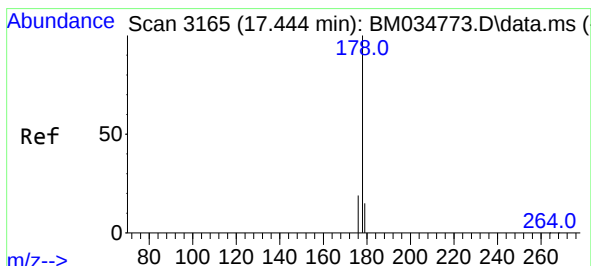
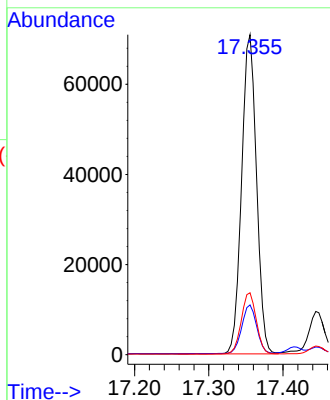
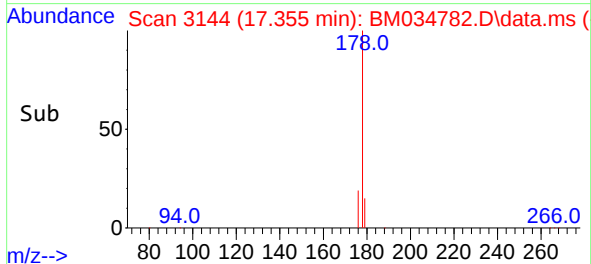
Instrument :
BNA_M
ClientSampleId :
BFFF1



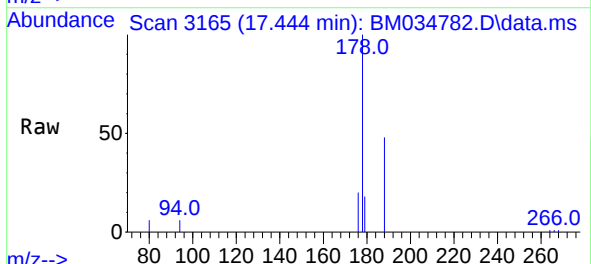
Tgt Ion:178 Resp: 98564
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.4 17.9 26.9

Manual Integrations
APPROVED

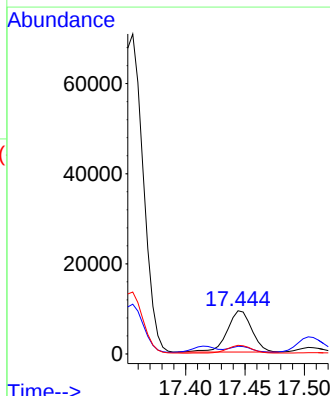
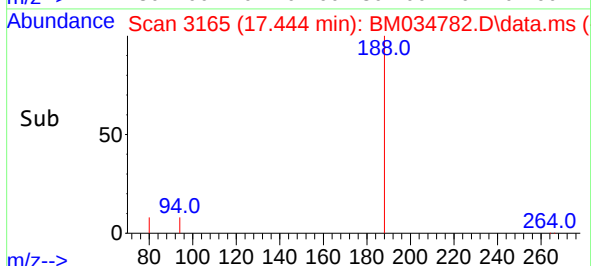
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

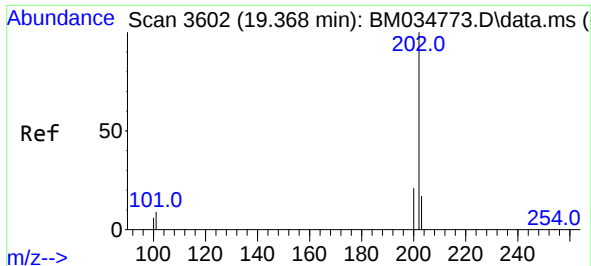


#16
Anthracene
Concen: 0.232 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



Tgt Ion:178 Resp: 13197
Ion Ratio Lower Upper
178 100
179 17.9 16.5 24.7
176 20.2 18.3 27.5





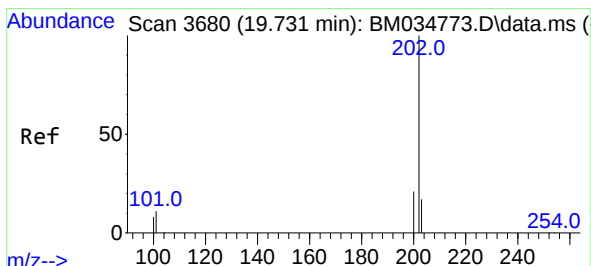
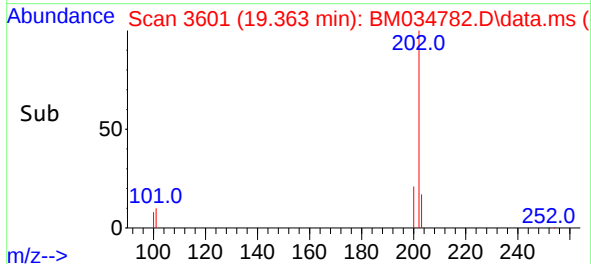
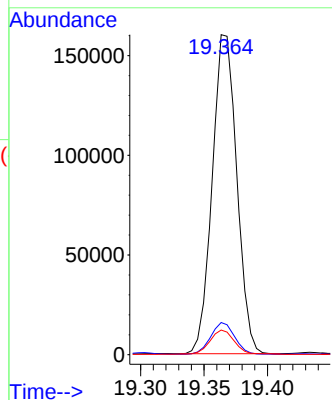
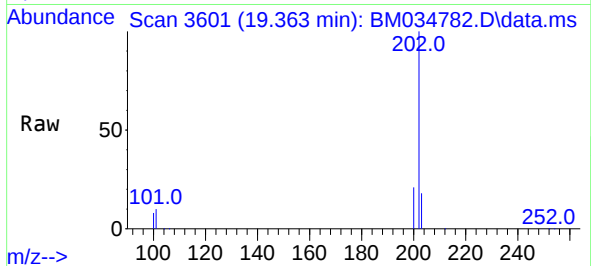
#19
Fluoranthene
Concen: 3.005 ng/u1
RT: 19.363 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

Instrument :
BNA_M
ClientSampleId :
BFFF1

Tgt Ion:202 Resp: 21568
Ion Ratio Lower Upper
202 100
101 10.0 9.2 13.8
100 7.7 7.2 10.8

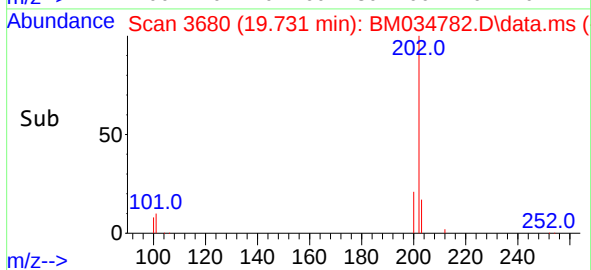
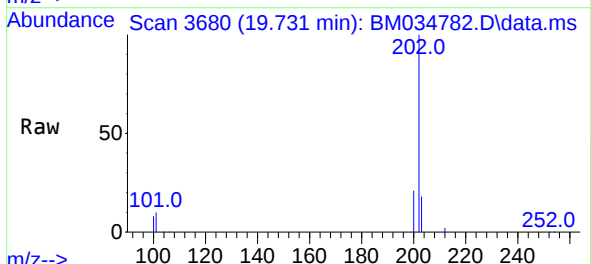
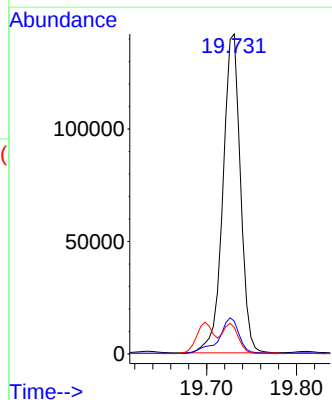
Manual Integrations
APPROVED

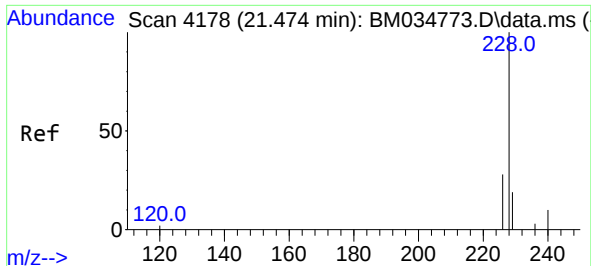
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#20
Pyrene
Concen: 2.657 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

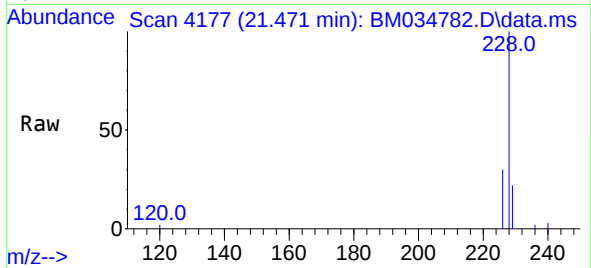
Tgt Ion:202 Resp: 191579
Ion Ratio Lower Upper
202 100
101 10.3 9.3 13.9
100 8.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.328 ng/u1
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

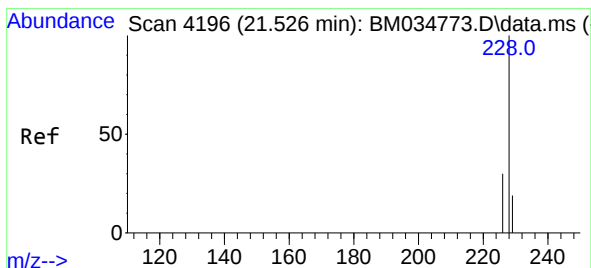
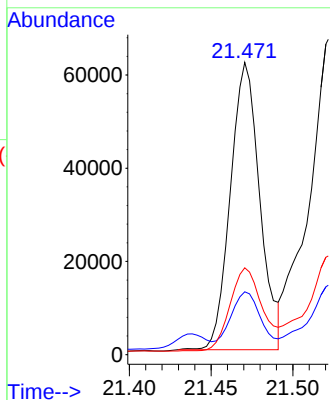
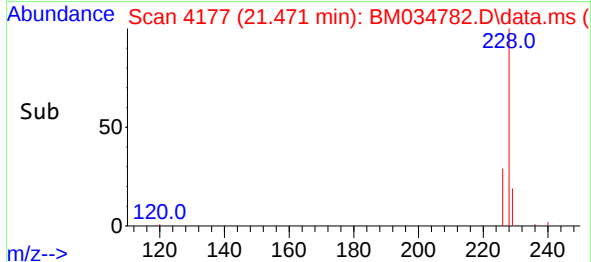
Instrument :
BNA_M
ClientSampleId :
BFFF1



Tgt Ion:228 Resp: 7727
Ion Ratio Lower Upper
228 100
229 21.5 17.3 25.9
226 29.7 23.2 34.8

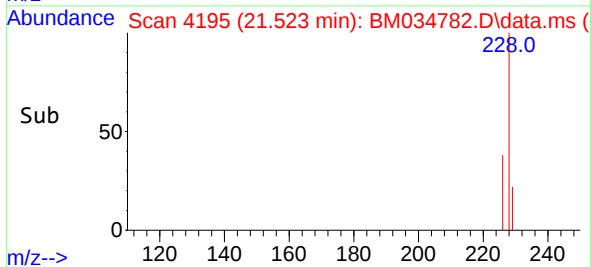
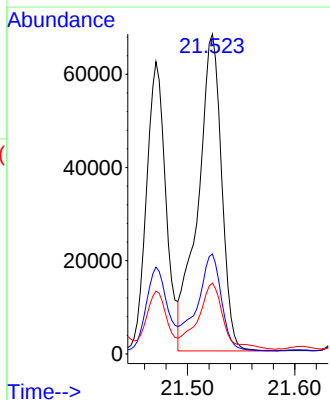
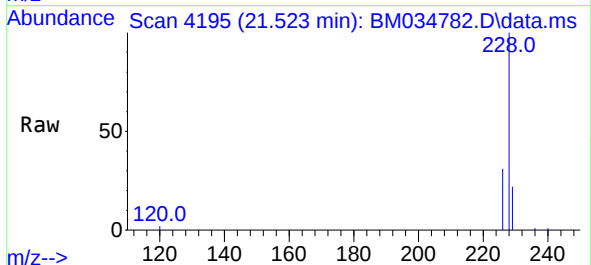
Manual Integrations
APPROVED

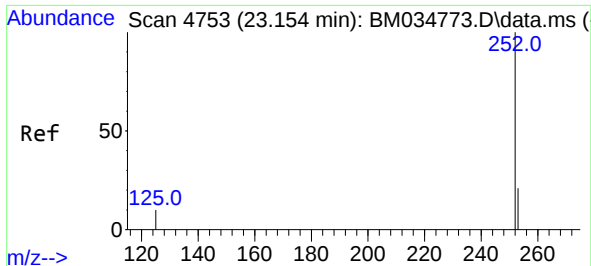
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#22
Chrysene
Concen: 1.680 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

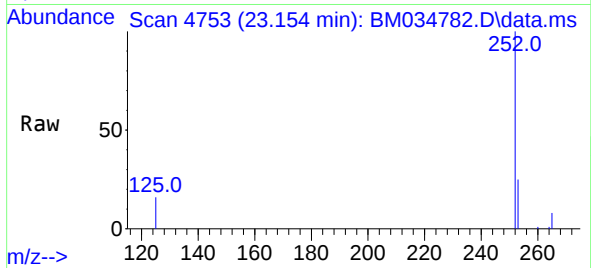
Tgt Ion:228 Resp: 104172
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 22.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.890 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

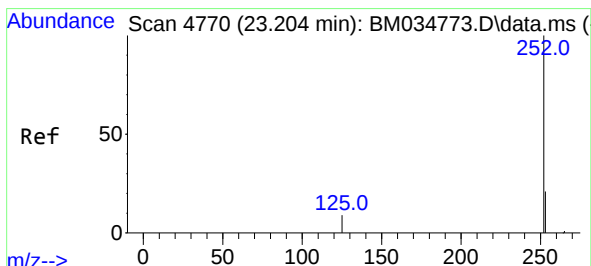
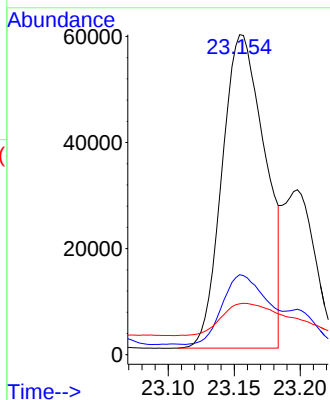
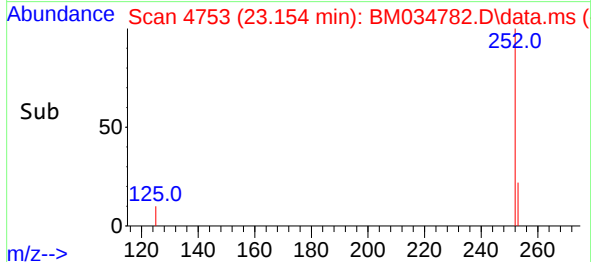
Instrument :
BNA_M
ClientSampleId :
BFFF1



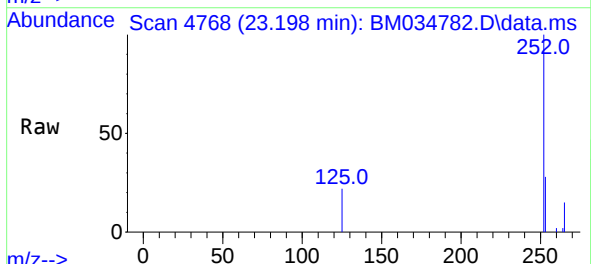
Tgt Ion:252 Resp: 133930
Ion Ratio Lower Upper
252 100
253 25.0 0.0 64.2
125 15.9 0.0 28.8

Manual Integrations
APPROVED

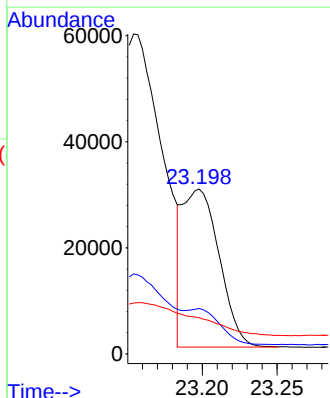
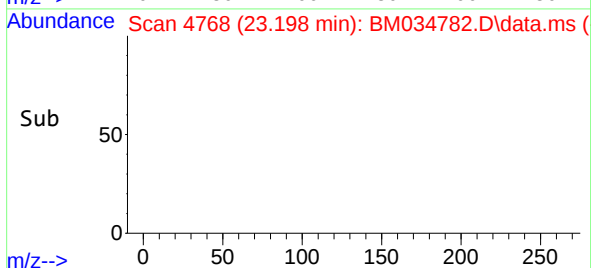
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

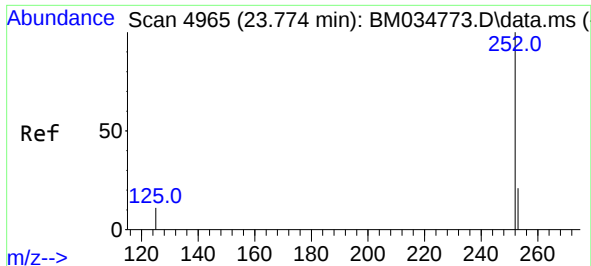


#25
Benzo(k)fluoranthene
Concen: 0.716 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



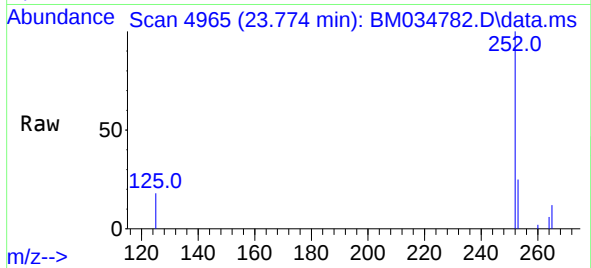
Tgt Ion:252 Resp: 50726
Ion Ratio Lower Upper
252 100
253 27.5 26.8 40.2
125 21.9 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 1.428 ng/ul
RT: 23.774 min Scan# 4965
Delta R.T. -0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

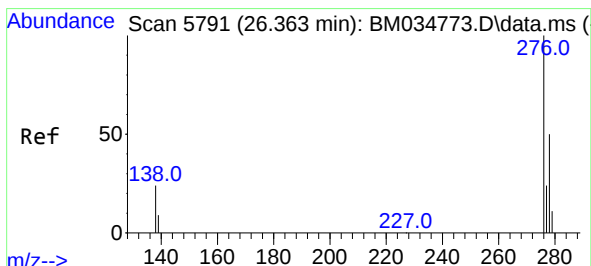
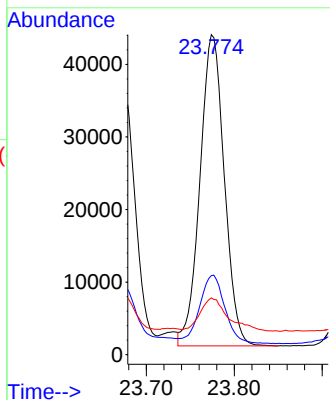
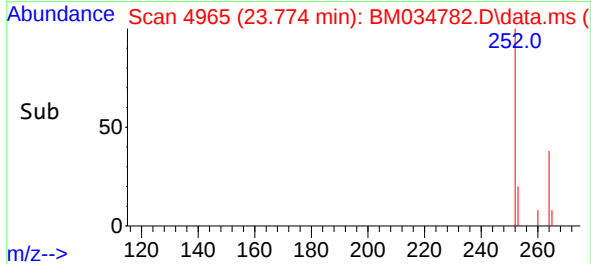
Instrument :
BNA_M
ClientSampleId :
BFFF1



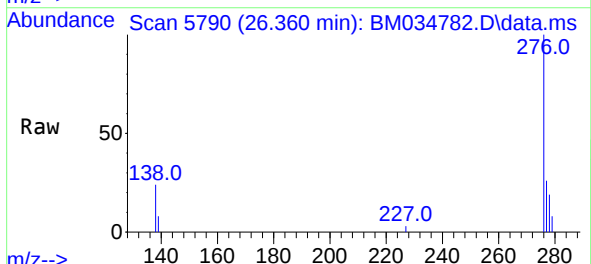
Tgt Ion:252 Resp: 82588
Ion Ratio Lower Upper
252 100
253 24.7 32.0 48.0
125 17.8 14.5 21.7

Manual Integrations
APPROVED

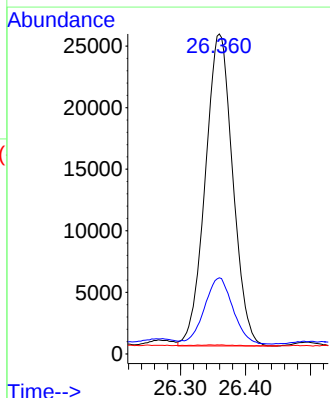
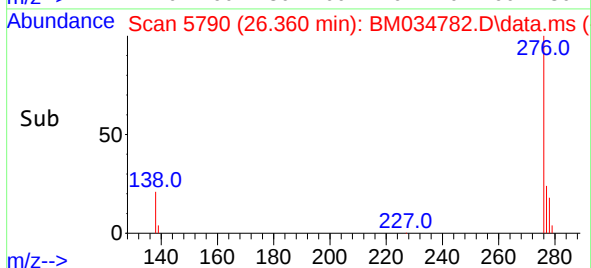
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

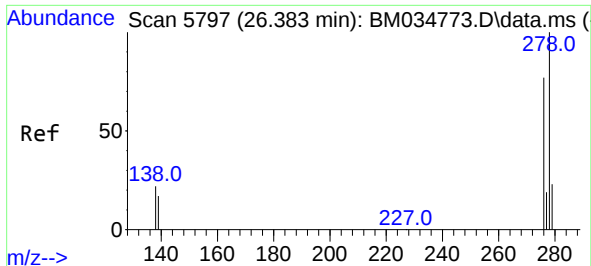


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.918 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.001 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



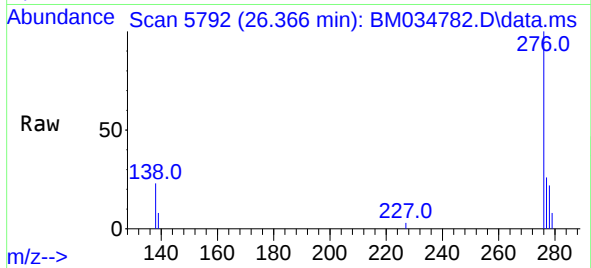
Tgt Ion:276 Resp: 74531
Ion Ratio Lower Upper
276 100
138 21.8 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.264 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. -0.018 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49

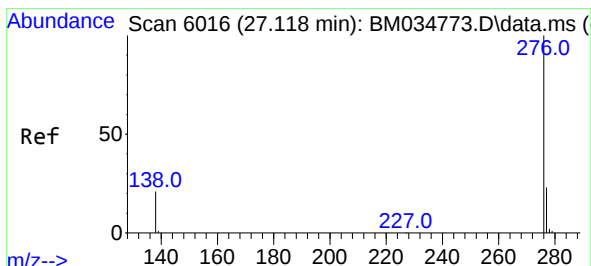
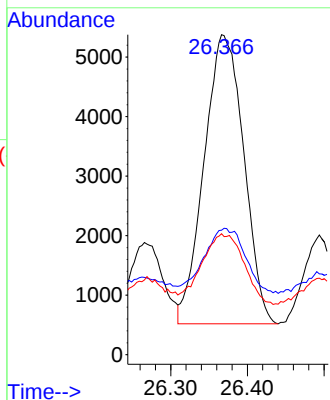
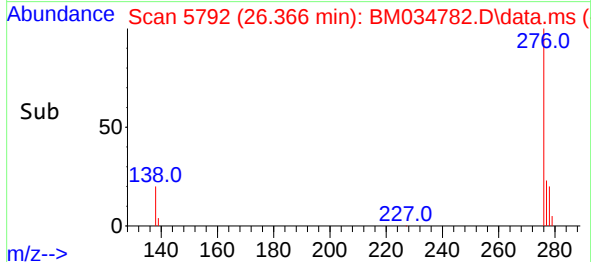
Instrument :
BNA_M
ClientSampleId :
BFFF1



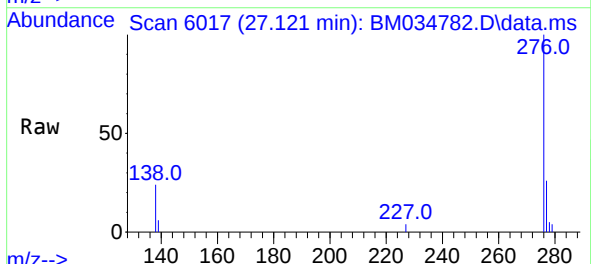
Tgt Ion: 278 Resp: 17449
Ion Ratio Lower Upper
278 100
139 38.9 18.0 27.0
279 37.8 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.975 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034782.D
Acq: 22 Apr 2022 23:49



Tgt Ion: 276 Resp: 68327
Ion Ratio Lower Upper
276 100
138 24.0 17.4 26.0
277 25.8 22.6 33.8

