

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034786.D
 Acq On : 23 Apr 2022 02:13
 Operator : CG/JU
 Sample : N2374-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF4

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:29:54 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	7304	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	18661	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	9873	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	18373	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	14742	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	16156	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	22500	2.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	4885	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	9734	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.355	178	4459	0.073	ng/ul	99
19) Fluoranthene	19.363	202	13864	0.196	ng/ul	99
20) Pyrene	19.726	202	12606m	0.177	ng/ul	
21) Benzo(a)anthracene	21.471	228	4579	0.080	ng/ul#	85
22) Chrysene	21.523	228	8121	0.133	ng/ul#	93
24) Benzo(b)fluoranthene	23.151	252	12562	0.170	ng/ul#	80
25) Benzo(k)fluoranthene	23.195	252	4858m	0.066	ng/ul	
26) Benzo(a)pyrene	23.774	252	6735	0.112	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.356	276	7146	0.085	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.366	278	1678	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	27.118	276	6808	0.093	ng/ul#	77

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

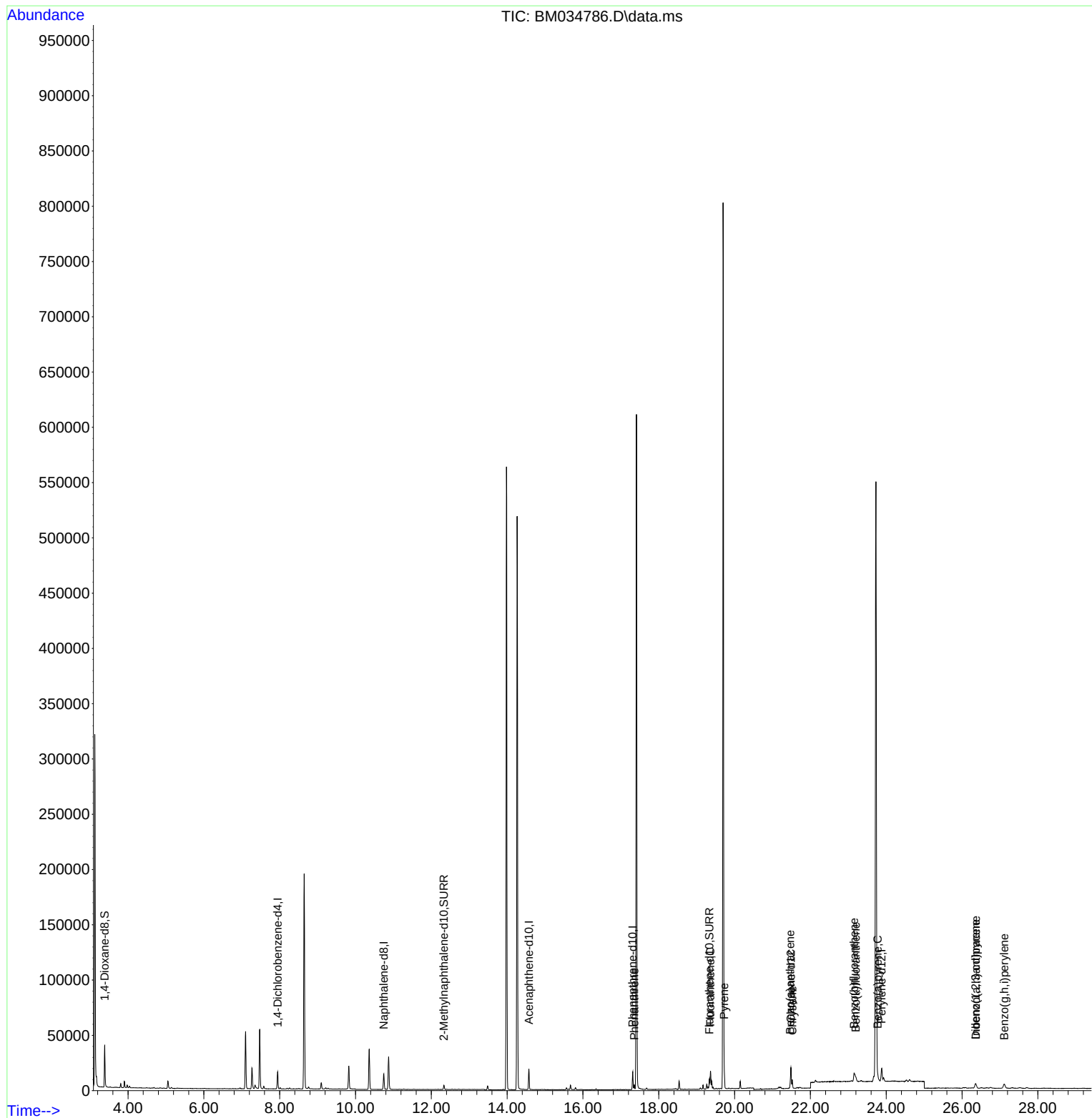
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034786.D
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Sample : N2374-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

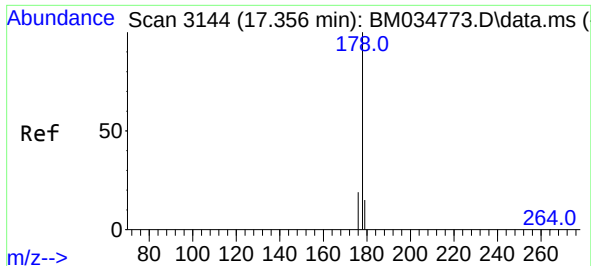
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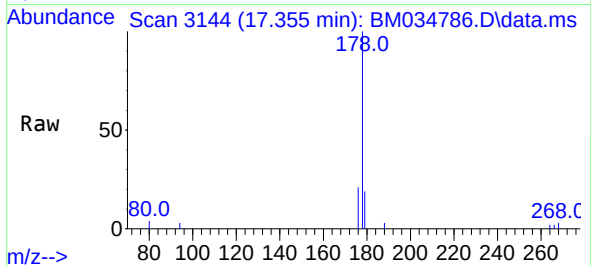
Quant Time: Apr 23 03:29:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.073 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13

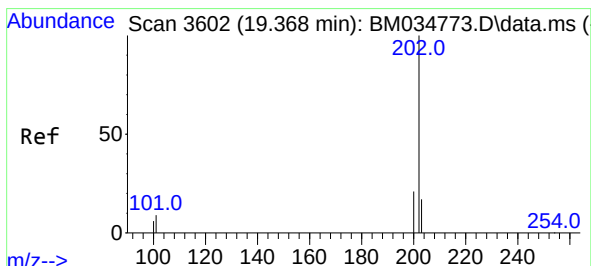
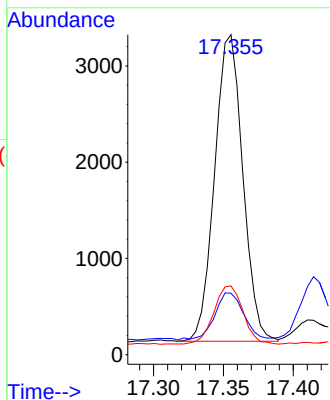
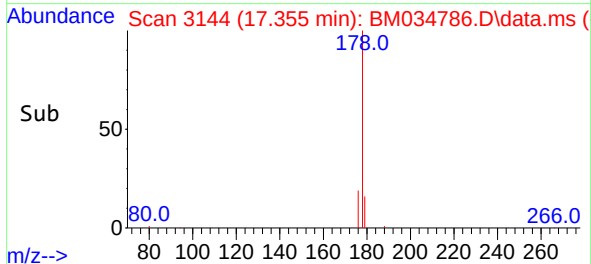
Instrument :
BNA_M
ClientSampleId :
BFFF4



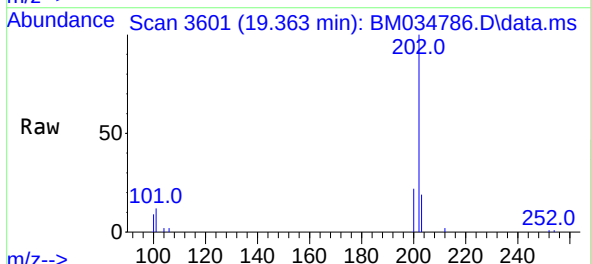
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Ion Ratio Lower Upper
178 100
179 19.2 15.0 22.6
176 21.5 17.9 26.9

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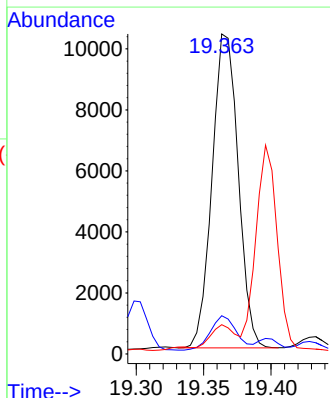
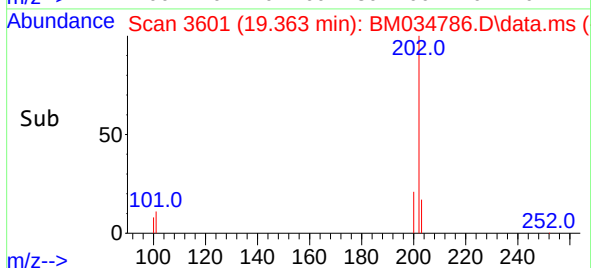
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

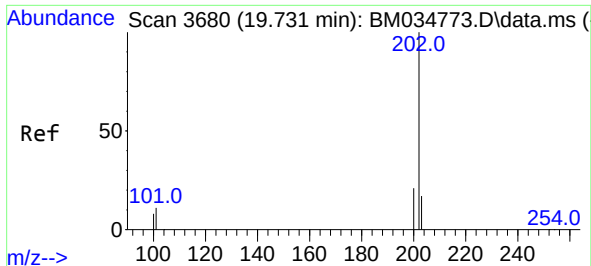


#19
Fluoranthene
Concen: 0.196 ng/u1
RT: 19.363 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13



Tgt Ion:202 Resp: 13864
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 9.1 7.2 10.8





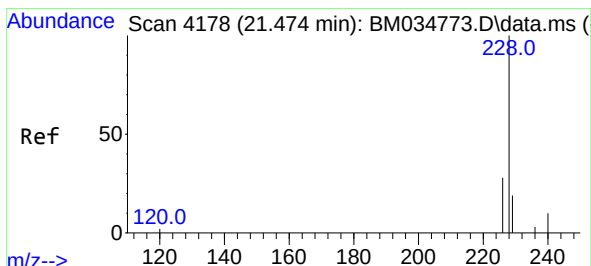
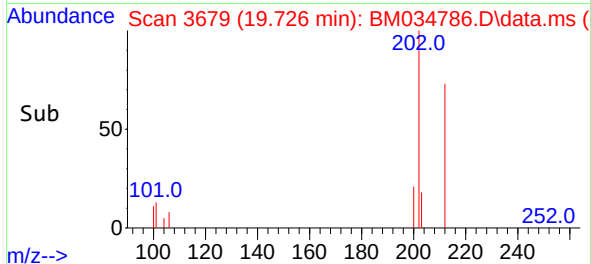
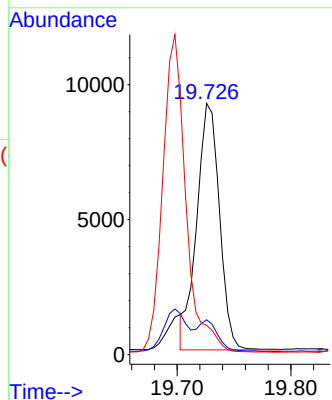
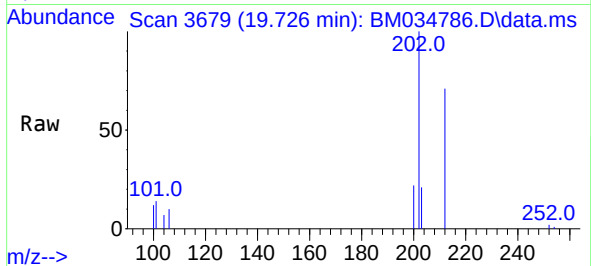
#20
Pyrene
Concen: 0.177 ng/ul m
RT: 19.726 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 12600
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 11.6 7.8 11.6

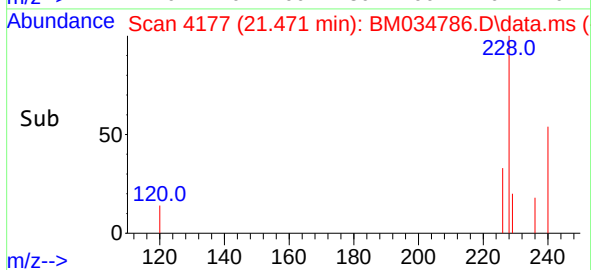
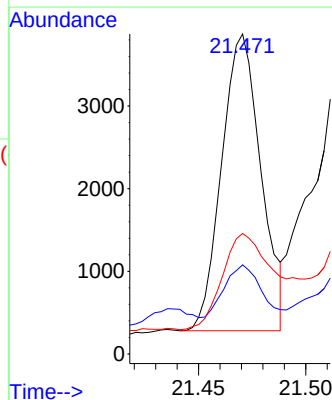
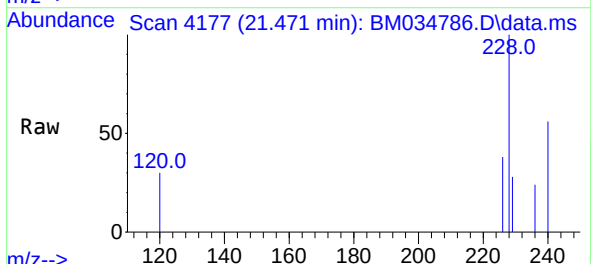
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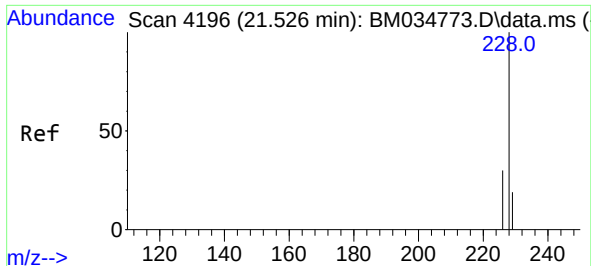
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#21
Benzo(a)anthracene
Concen: 0.080 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13

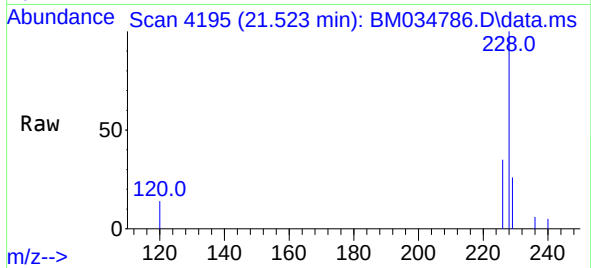
Tgt Ion:228 Resp: 4579
Ion Ratio Lower Upper
228 100
229 27.9 17.3 25.9#
226 37.6 23.2 34.8#





#22
Chrysene
Concen: 0.133 ng/u1
RT: 21.523 min Scan# 4196
Delta R.T. -0.001 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13

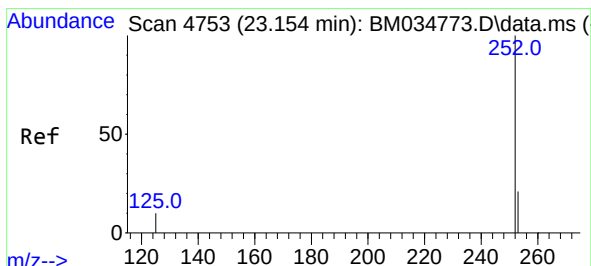
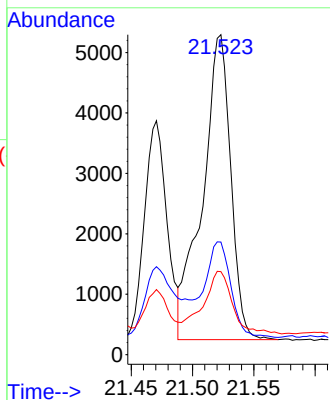
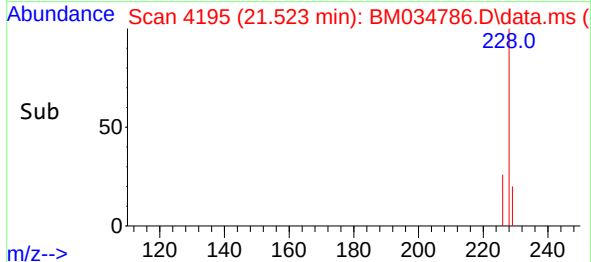
Instrument :
BNA_M
ClientSampleId :
BFFF4



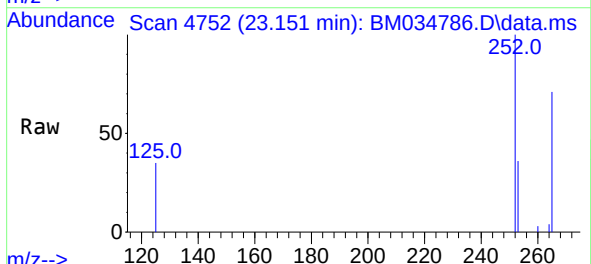
Tgt Ion:228 Resp: 812
Ion Ratio Lower Upper
228 100
226 35.2 25.8 38.8
229 25.9 16.7 25.1

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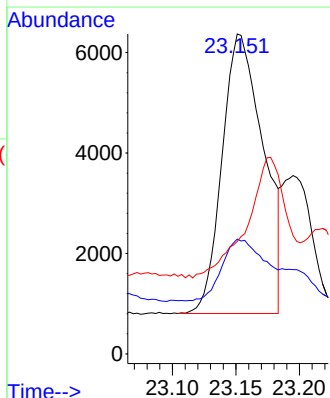
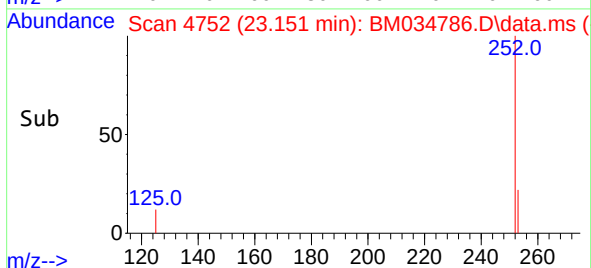
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

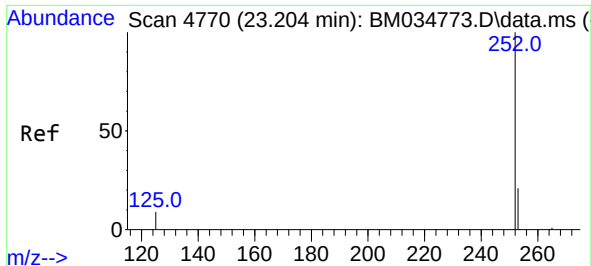


#24
Benzo(b)fluoranthene
Concen: 0.170 ng/u1
RT: 23.151 min Scan# 4752
Delta R.T. -0.001 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13



Tgt Ion:252 Resp: 12562
Ion Ratio Lower Upper
252 100
253 35.9 0.0 64.2
125 35.2 0.0 28.8





#25

Benzo(k)fluoranthene

Concen: 0.066 ng/ul m

RT: 23.195 min Scan# 4

Delta R.T. -0.007 min

Lab File: BM034786.D

Acq: 23 Apr 2022 02:13

Instrument :

BNA_M

ClientSampleId :

BFFF4

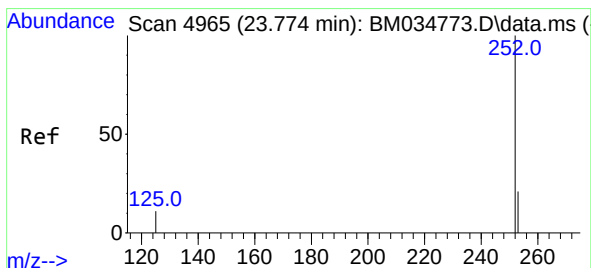
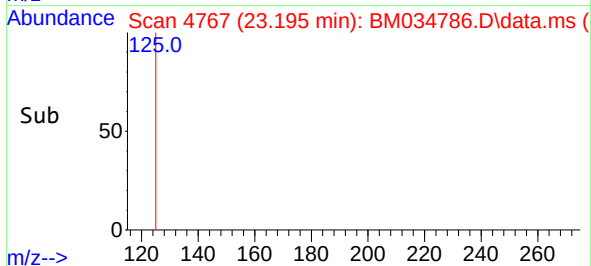
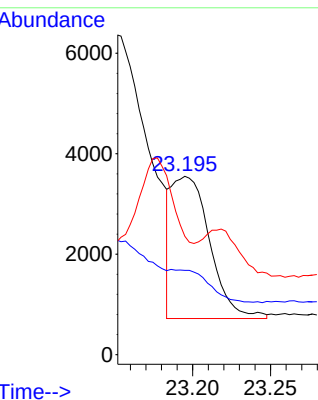
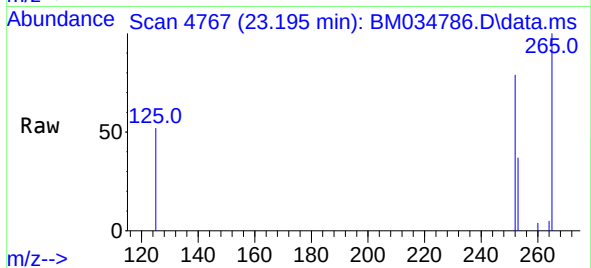
Tgt Ion:252 Resp: 485

Ion	Ratio	Lower	Upper
252	100		
253	47.3	26.8	40.2
125	66.4	12.0	18.0

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#26

Benzo(a)pyrene

Concen: 0.112 ng/ul

RT: 23.774 min Scan# 4965

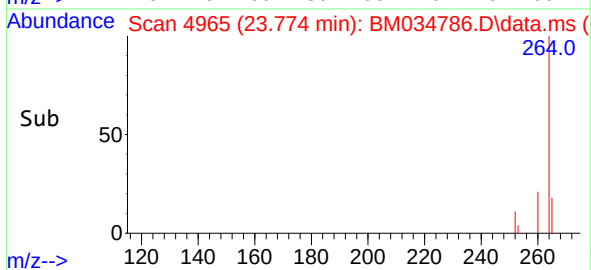
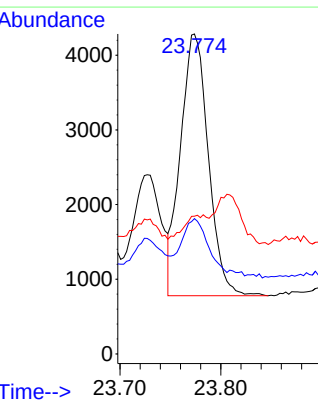
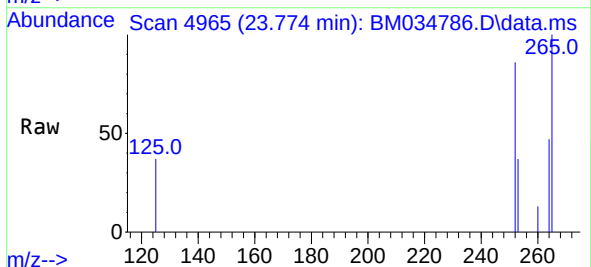
Delta R.T. -0.001 min

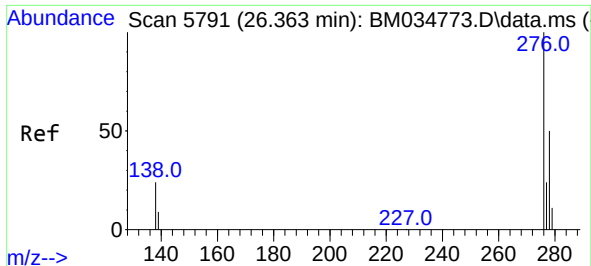
Lab File: BM034786.D

Acq: 23 Apr 2022 02:13

Tgt Ion:252 Resp: 6735

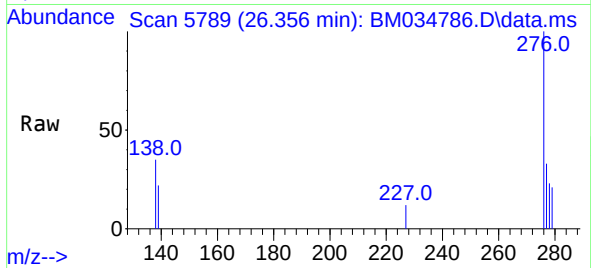
Ion	Ratio	Lower	Upper
252	100		
253	42.3	32.0	48.0
125	43.0	14.5	21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13

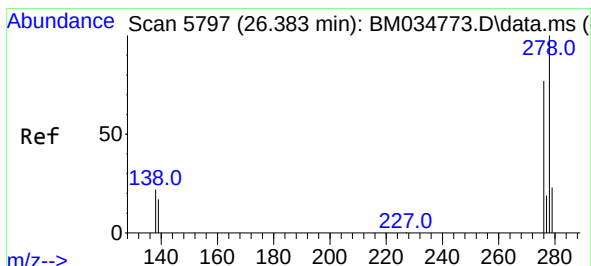
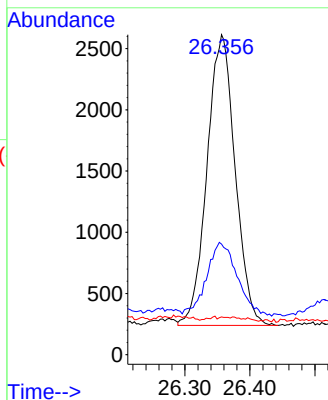
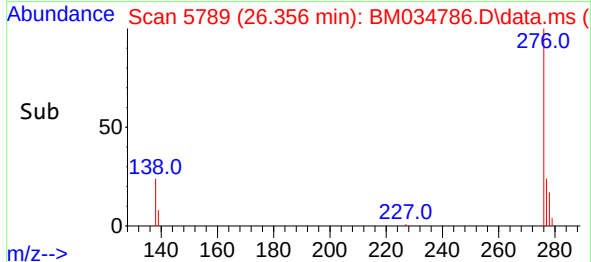
Instrument :
BNA_M
ClientSampleId :
BFFF4



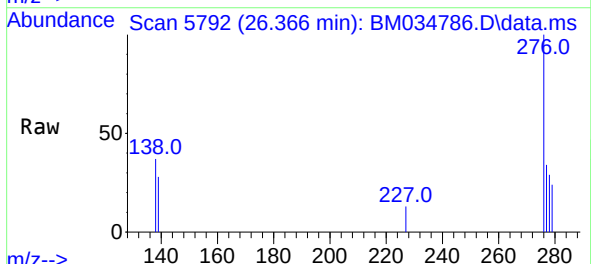
Tgt Ion:276 Resp: 7140
Ion Ratio Lower Upper
276 100
138 27.7 15.8 23.6#
227 1.2 0.0 0.0#

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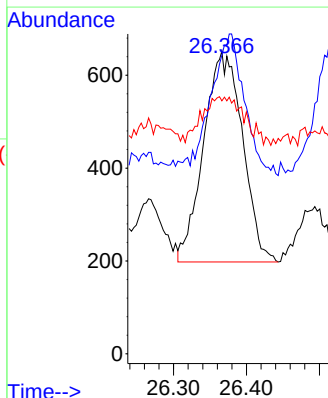
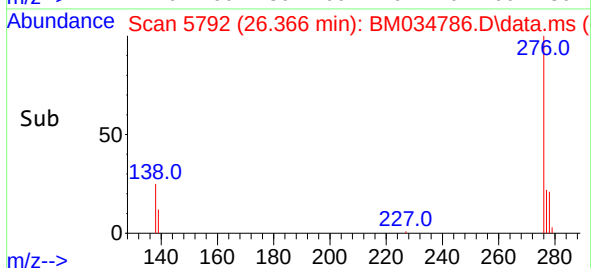
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

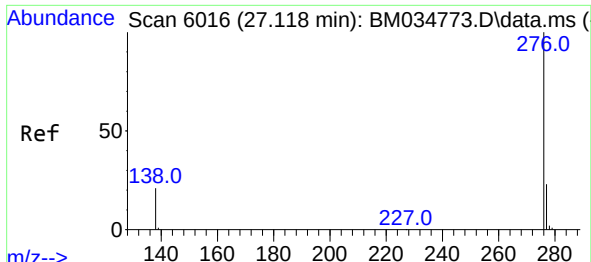


#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. -0.018 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13



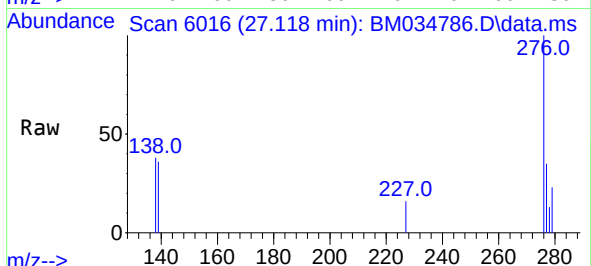
Tgt Ion:278 Resp: 1678
Ion Ratio Lower Upper
278 100
139 98.6 18.0 27.0#
279 83.6 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034786.D
Acq: 23 Apr 2022 02:13

Instrument :
BNA_M
ClientSampleId :
BFFF4



Tgt Ion: 276 Resp: 6800
Ion Ratio Lower Upper
276 100
138 38.2 17.4 26.0
277 35.1 22.6 33.8

Manual Integrations
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