

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033793.D
 Acq On : 20 Jan 2022 17:48
 Operator : CG/JU
 Sample : N1129-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBM03

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 01:44:47 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 21 01:34:59 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	3806	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	14519	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	8355	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	15912	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	9183	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	7845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	10797	2.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	3661	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	6779	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.361	178	3814	0.074	ng/ul	99
16) Anthracene	17.455	178	962	0.020	ng/ul#	85
19) Fluoranthene	19.372	202	12829	0.298	ng/ul	98
20) Pyrene	19.731	202	10995m	0.252	ng/ul	
21) Benzo(a)anthracene	21.468	228	5143	0.135	ng/ul	94
22) Chrysene	21.521	228	5288m	0.136	ng/ul	
24) Benzo(b)fluoranthene	23.156	252	6577m	0.191	ng/ul	
25) Benzo(k)fluoranthene	23.199	252	2807m	0.083	ng/ul	
26) Benzo(a)pyrene	23.783	252	4030	0.135	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.395	276	3428	0.088	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.410	278	1145	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	27.168	276	3199	0.096	ng/ul#	66

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

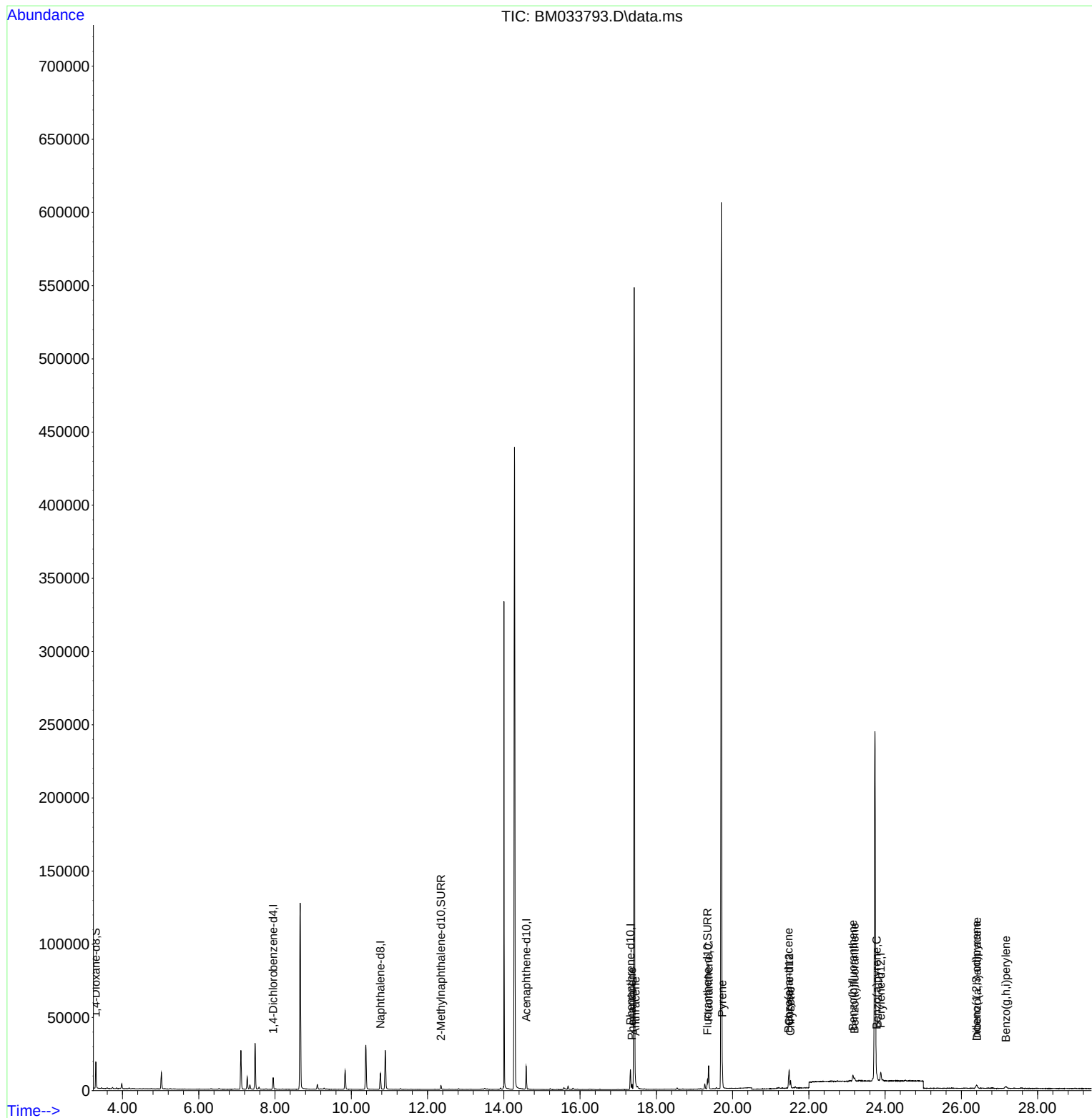
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033793.D
Acq On : 20 Jan 2022 17:48
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ALS Vial : 9 Sample Multiplier: 1

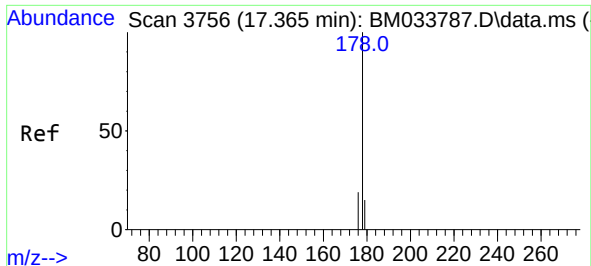
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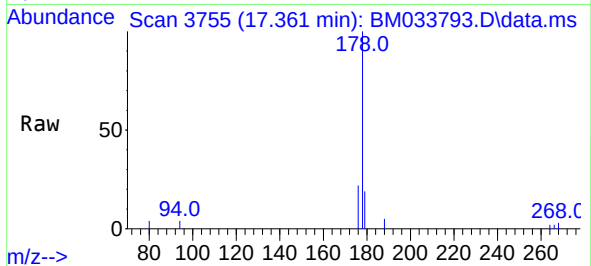
Quant Time: Jan 21 01:44:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.074 ng/u1
RT: 17.361 min Scan# 3756
Delta R.T. -0.003 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

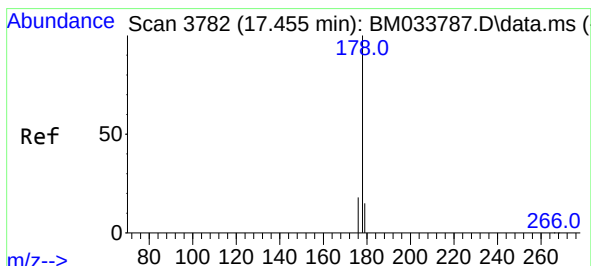
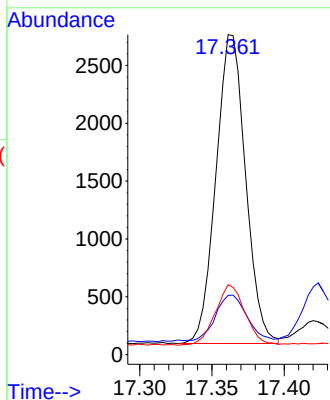
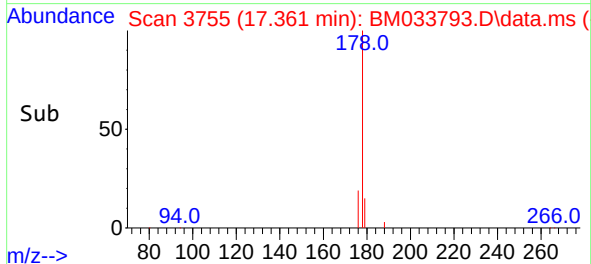
Instrument :
BNA_M
ClientSampleId :
DBM03



Tgt Ion:178 Resp: 3814
Ion Ratio Lower Upper
178 100
179 18.5 15.0 22.6
176 21.8 17.9 26.9

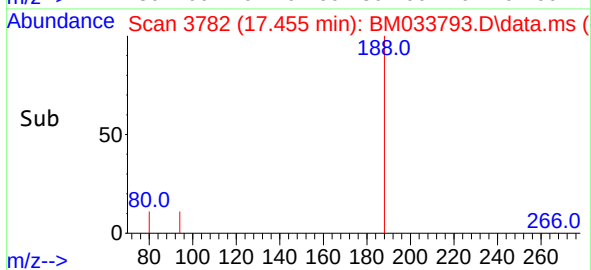
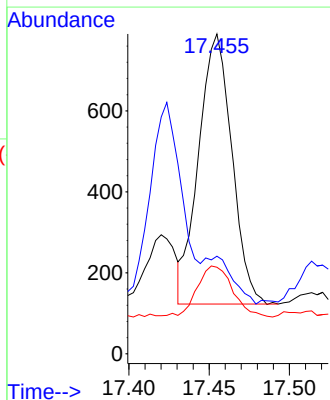
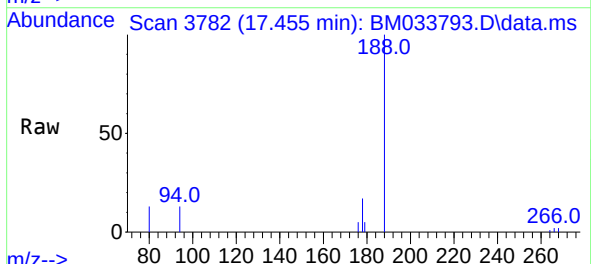
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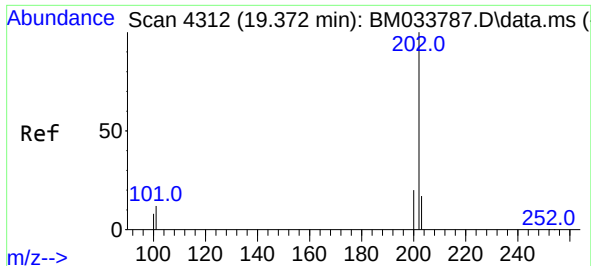
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#16
Anthracene
Concen: 0.020 ng/u1
RT: 17.455 min Scan# 3782
Delta R.T. 0.000 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

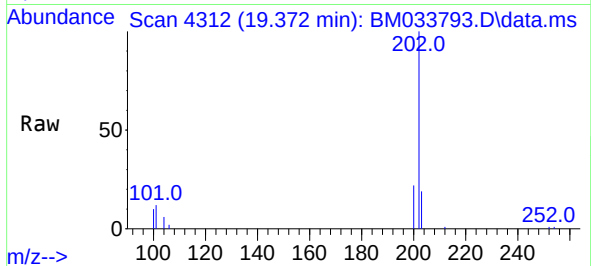
Tgt Ion:178 Resp: 962
Ion Ratio Lower Upper
178 100
179 30.5 16.5 24.7#
176 27.1 18.3 27.5





#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.372 min Scan# 4312
Delta R.T. 0.000 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

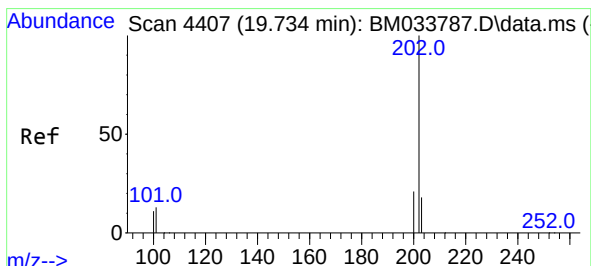
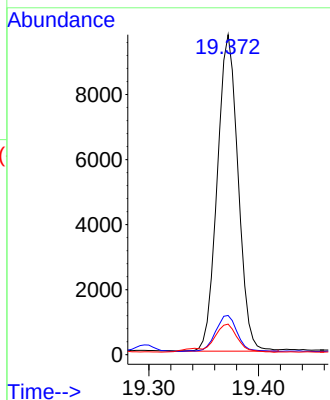
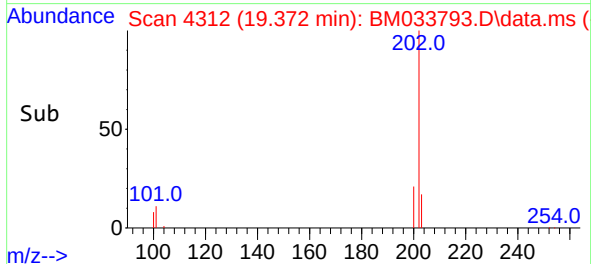
Instrument :
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ClientSampleId :
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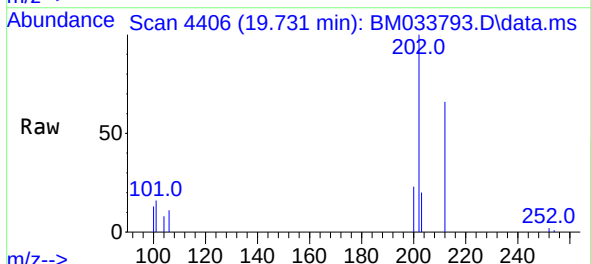
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Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
100 9.6 7.2 10.8

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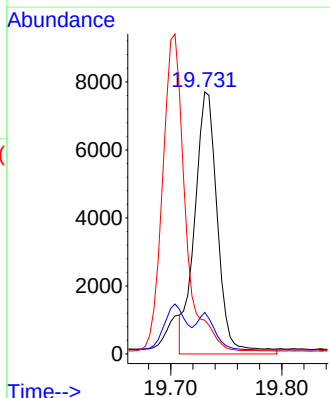
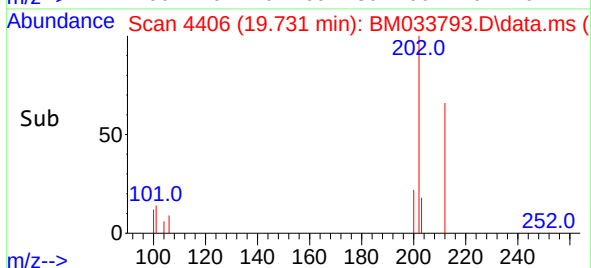
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Supervised By :mohammad ahmed 01/27/2022

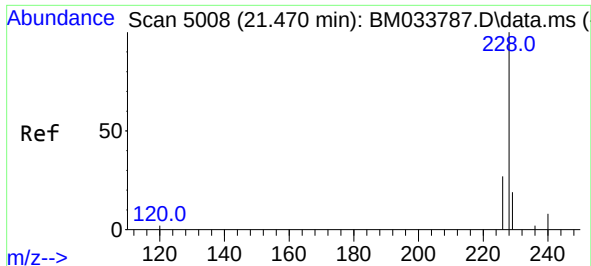


#20
Pyrene
Concen: 0.252 ng/ul m
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48



Tgt Ion:202 Resp: 10995
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9#
100 12.9 7.8 11.6#





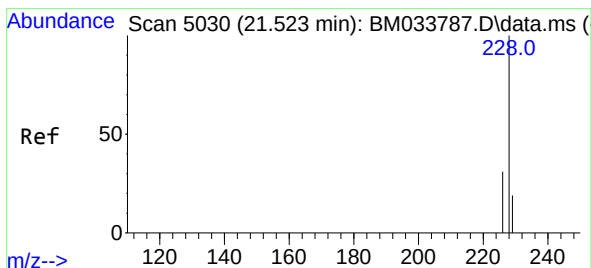
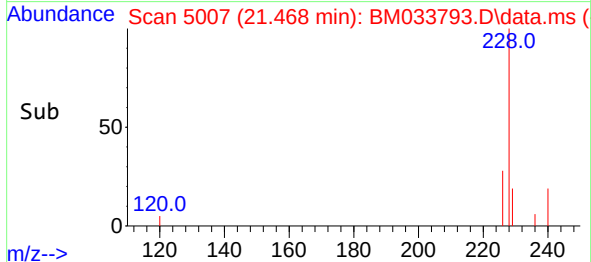
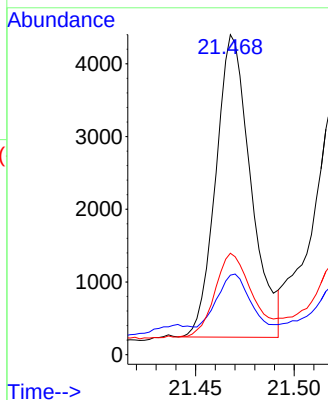
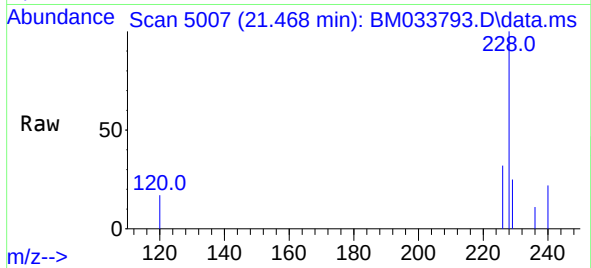
#21
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.468 min Scan# 5007
Delta R.T. -0.002 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

Instrument :
BNA_M
ClientSampleId :
DBM03

Tgt Ion:228 Resp: 514
Ion Ratio Lower Upper
228 100
229 24.8 17.3 25.9
226 31.7 23.2 34.8

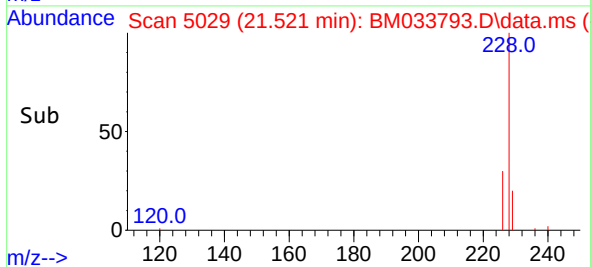
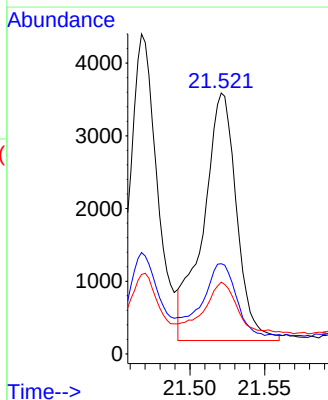
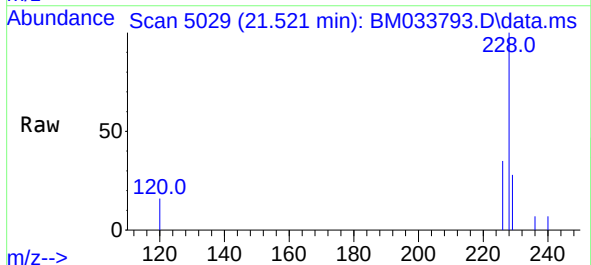
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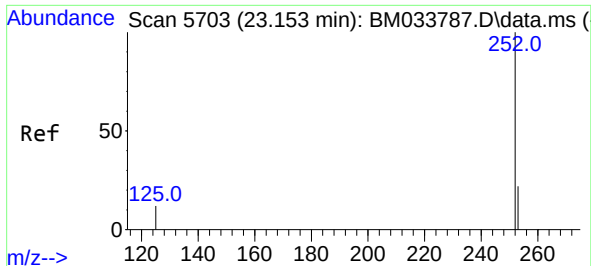
Reviewed By :Jagrut Upadhyay 01/21/2022
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#22
Chrysene
Concen: 0.136 ng/ul m
RT: 21.521 min Scan# 5029
Delta R.T. -0.002 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

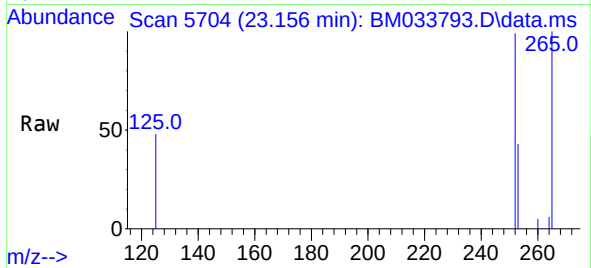
Tgt Ion:228 Resp: 5288
Ion Ratio Lower Upper
228 100
226 34.6 25.8 38.8
229 27.5 16.7 25.1#





#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 23.156 min Scan# 5703
Delta R.T. 0.003 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

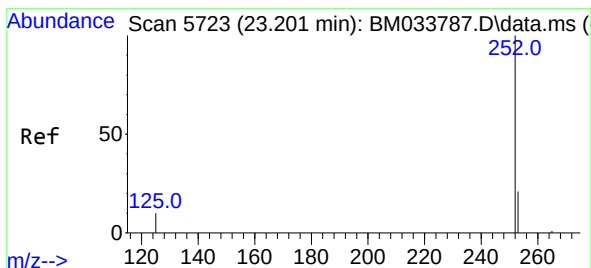
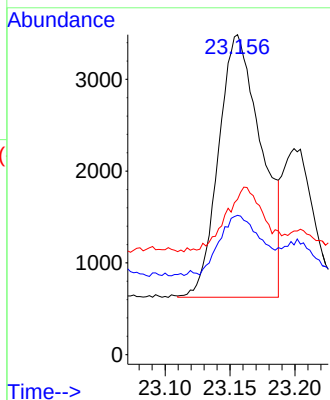
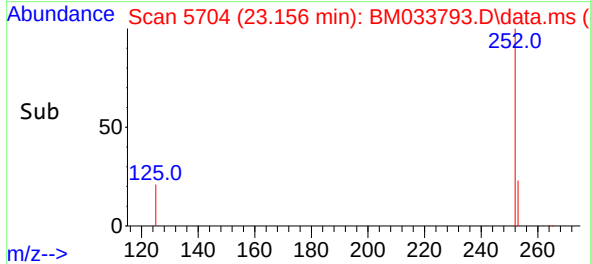
Instrument :
BNA_M
ClientSampleId :
DBM03



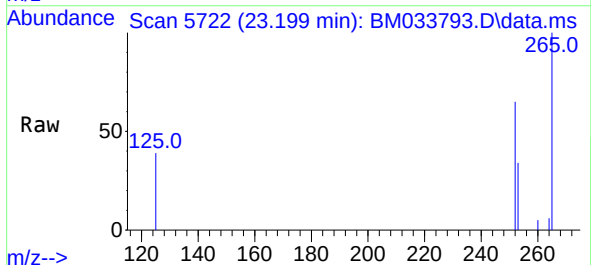
Tgt Ion:252 Resp: 657
Ion Ratio Lower Upper
252 100
253 43.5 0.0 64.2
125 48.5 0.0 28.8

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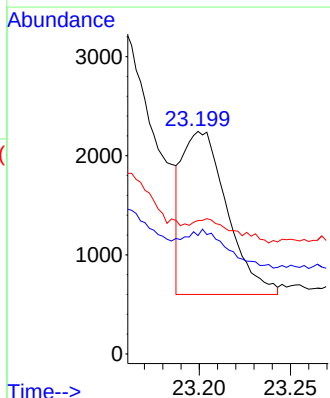
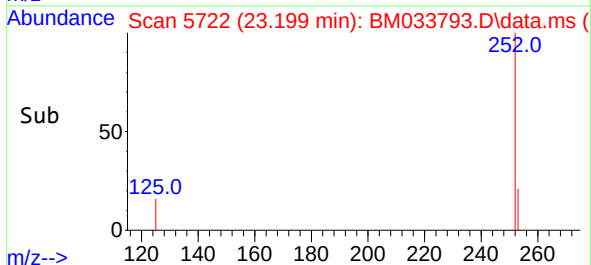
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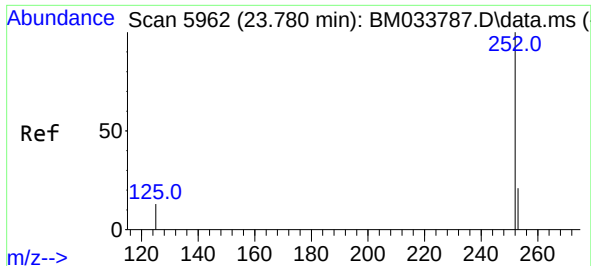


#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.199 min Scan# 5722
Delta R.T. -0.002 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48



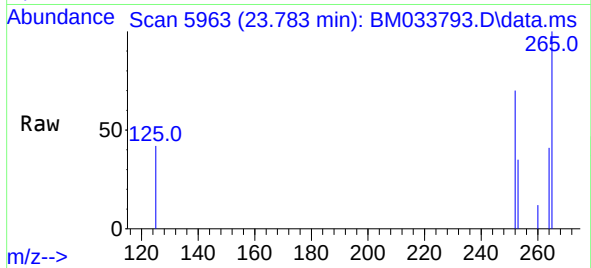
Tgt Ion:252 Resp: 2807
Ion Ratio Lower Upper
252 100
253 53.2 26.8 40.2#
125 60.0 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.135 ng/u1
RT: 23.783 min Scan# 5963
Delta R.T. 0.003 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

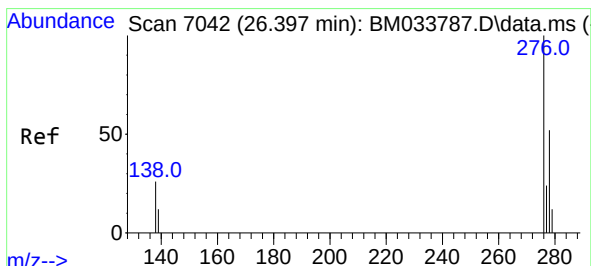
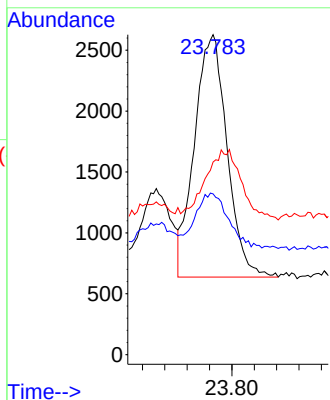
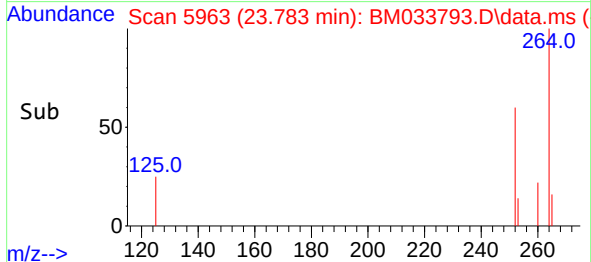
Instrument :
BNA_M
ClientSampleId :
DBM03



Tgt Ion:252 Resp: 4030
Ion Ratio Lower Upper
252 100
253 50.3 32.0 48.0
125 60.2 14.5 21.7

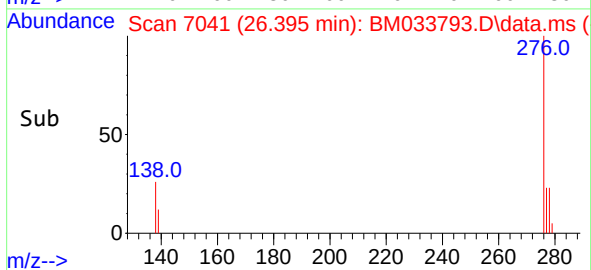
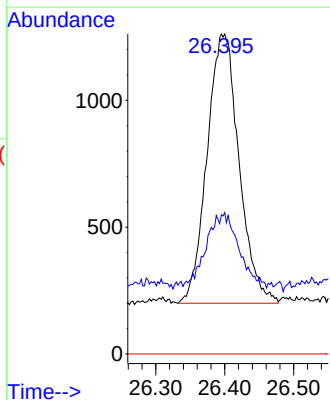
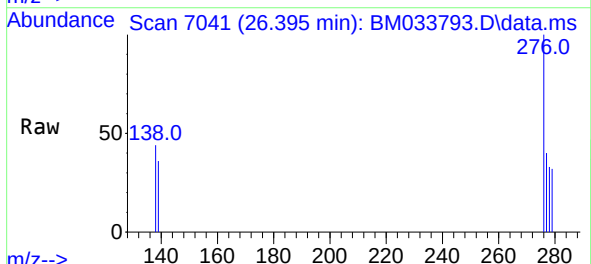
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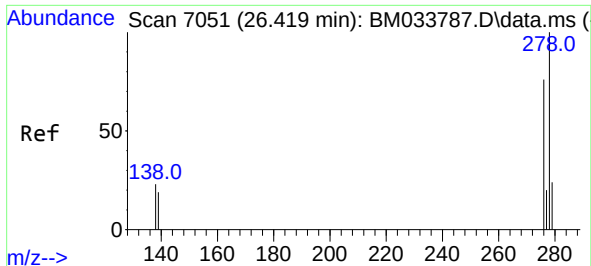
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/u1
RT: 26.395 min Scan# 7041
Delta R.T. -0.002 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

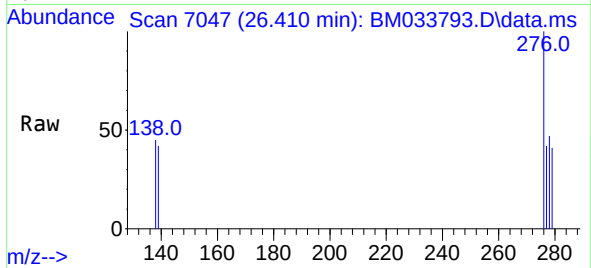
Tgt Ion:276 Resp: 3428
Ion Ratio Lower Upper
276 100
138 28.3 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.410 min Scan# 7051
Delta R.T. -0.009 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48

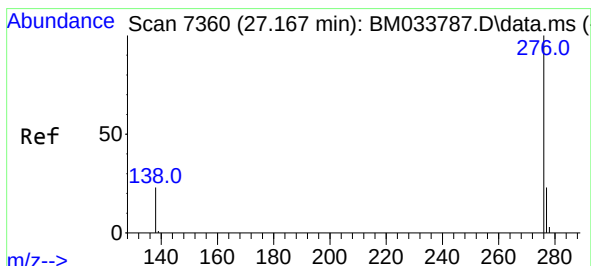
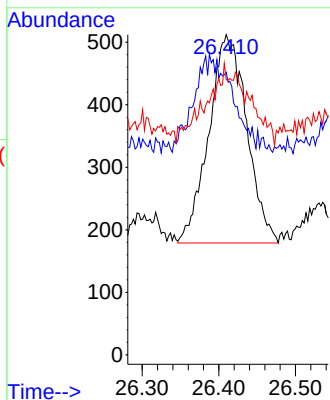
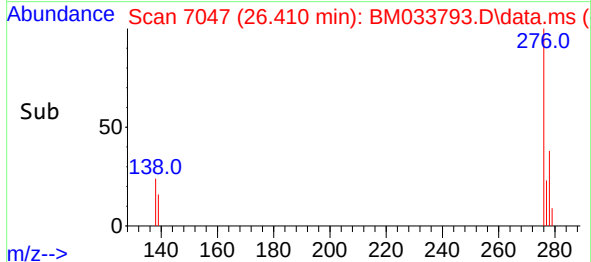
Instrument :
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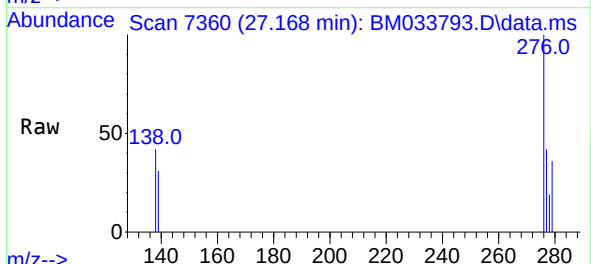
Tgt Ion:278 Resp: 1145
Ion Ratio Lower Upper
278 100
139 88.3 18.0 27.0#
279 85.9 28.6 42.8#

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.168 min Scan# 7360
Delta R.T. 0.000 min
Lab File: BM033793.D
Acq: 20 Jan 2022 17:48



Tgt Ion:276 Resp: 3199
Ion Ratio Lower Upper
276 100
138 42.1 17.4 26.0#
277 42.5 22.6 33.8#

