

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
 Data File : BM035784.D
 Acq On : 30 Jun 2022 16:50
 Operator : CG/JU
 Sample : N3374-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4T5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/01/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jul 01 01:17:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	3300m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.567	136	10644	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.413	164	6036m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.161	188	12552m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.362	240	12412	0.400	ng/ul	#-0.01
23) Perylene-d12	23.680	264	14971	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	34919	7.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	5240	0.314	ng/ul	-0.04
18) Fluoranthene-d10	19.201	212	12990	0.311	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.203	178	2726m	0.060	ng/ul	
16) Anthracene	17.292	178	3792	0.100	ng/ul#	81
19) Fluoranthene	19.229	202	7611	0.122	ng/ul#	91
20) Pyrene	19.586	202	8054m	0.116	ng/ul	
21) Benzo(a)anthracene	21.348	228	10697	0.249	ng/ul#	84
22) Chrysene	21.400	228	13530	0.245	ng/ul#	87
24) Benzo(b)fluoranthene	22.979	252	14632	0.228	ng/ul	64
25) Benzo(k)fluoranthene	23.022	252	16095	0.245	ng/ul#	72
26) Benzo(a)pyrene	23.569	252	12730	0.194	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.095	276	20257	0.284	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.101	278	18332	0.324	ng/ul#	70
29) Benzo(g,h,i)perylene	26.836	276	17855	0.271	ng/ul#	78

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

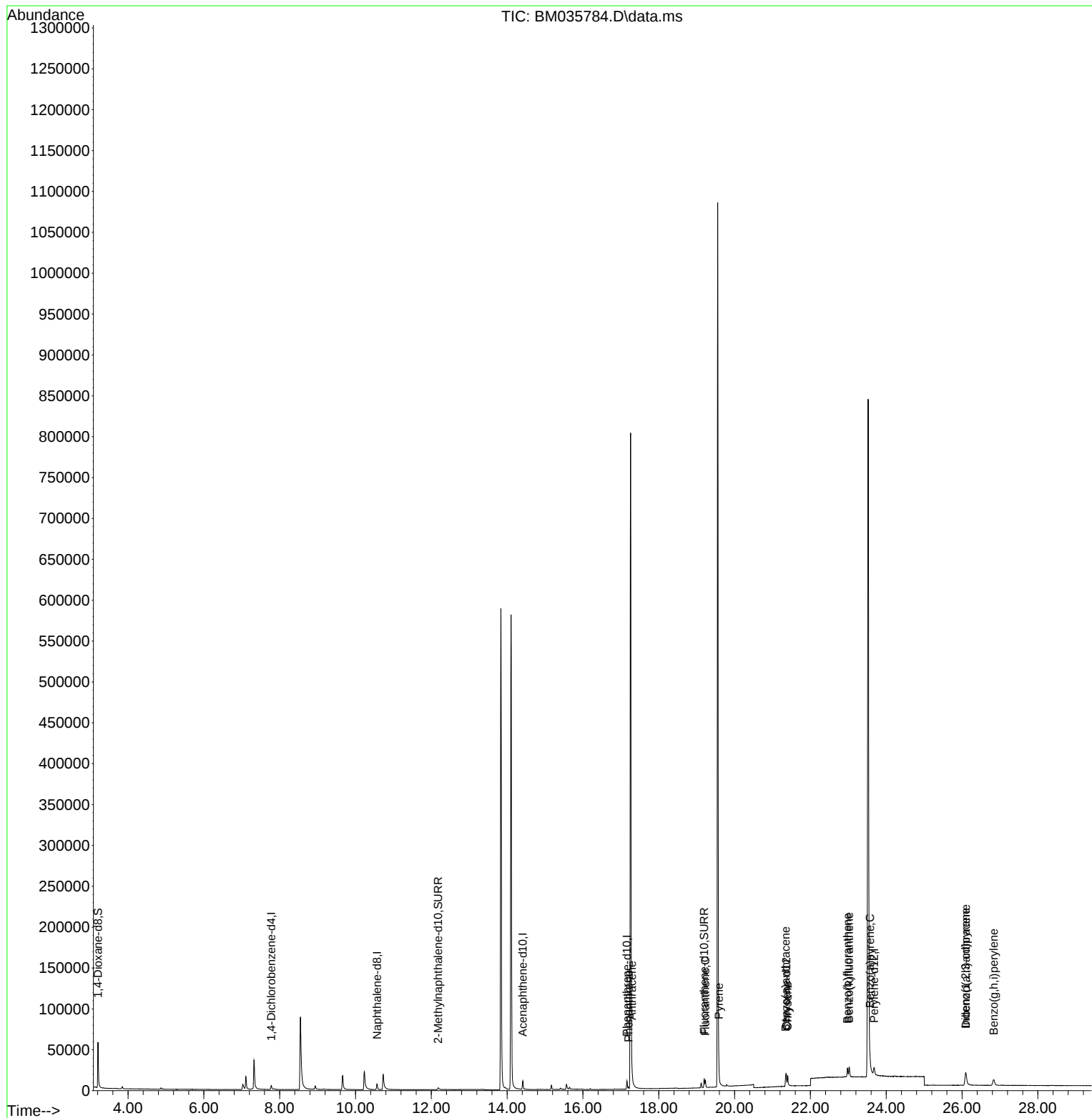
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
Data File : BM035784.D
Acq On : 30 Jun 2022 16:50
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ALS Vial : 10 Sample Multiplier: 1

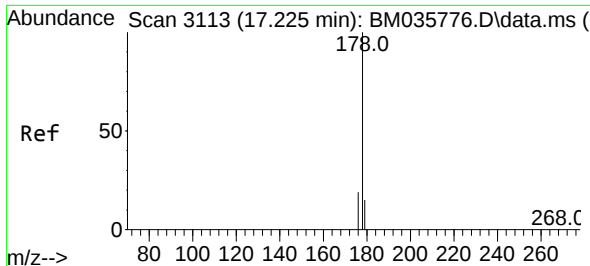
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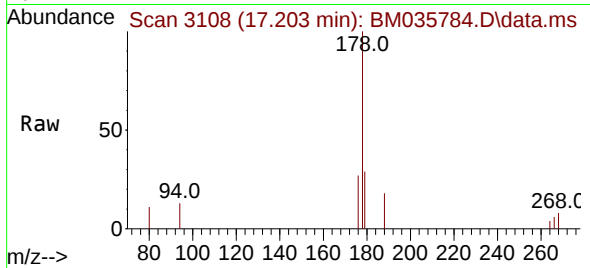
Quant Time: Jul 01 01:17:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
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#15
Phenanthrene
Concen: 0.060 ng/ul m
RT: 17.203 min Scan# 3108
Delta R.T. -0.035 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

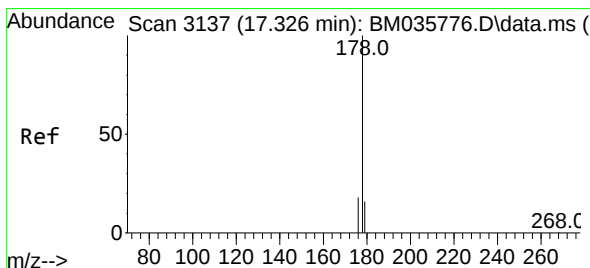
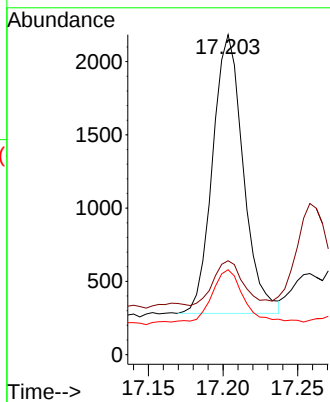
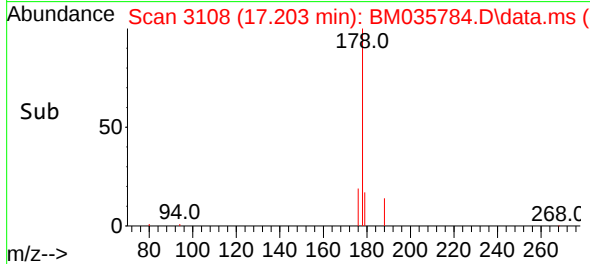
Instrument :
BNA_M
ClientSampleId :
EW4T5



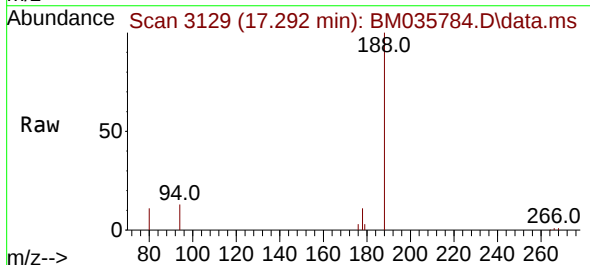
Tgt Ion:178 Resp: 2720
Ion Ratio Lower Upper
178 100
179 29.3 13.0 19.6#
176 26.6 15.6 23.4#

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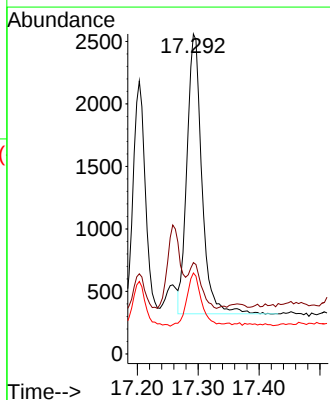
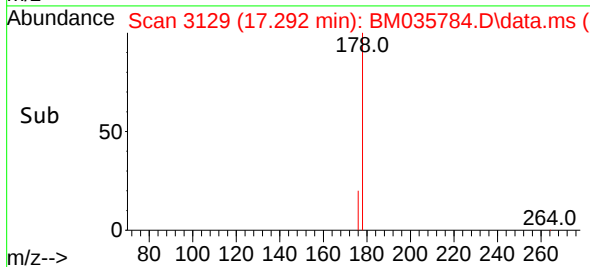
Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022

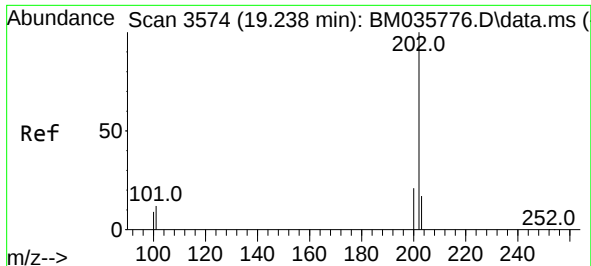


#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.292 min Scan# 3129
Delta R.T. -0.056 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50



Tgt Ion:178 Resp: 3792
Ion Ratio Lower Upper
178 100
179 28.6 13.6 20.4#
176 25.3 15.6 23.4#





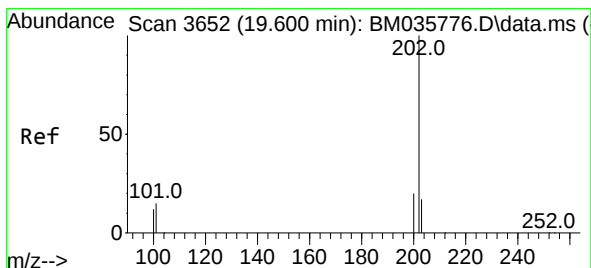
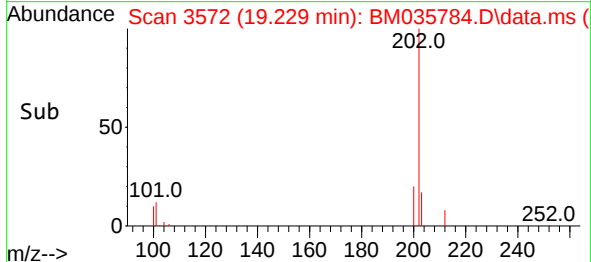
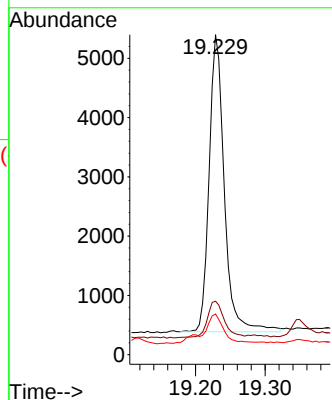
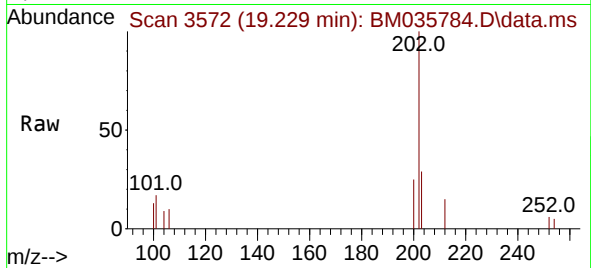
#19
Fluoranthene
Concen: 0.122 ng/ul
RT: 19.229 min Scan# 3572
Delta R.T. -0.019 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

Instrument :
BNA_M
ClientSampleId :
EW4T5

Tgt Ion:202 Resp: 761
Ion Ratio Lower Upper
202 100
101 16.7 10.1 15.1
100 12.7 7.9 11.9

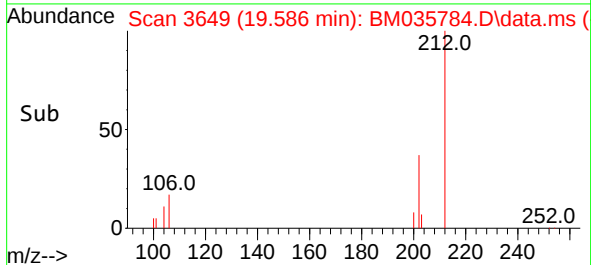
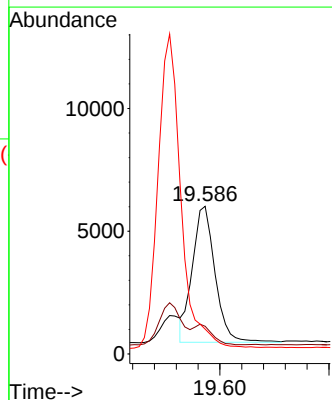
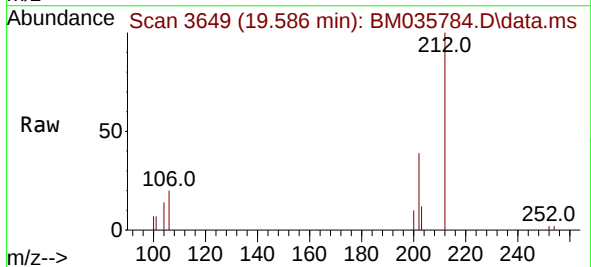
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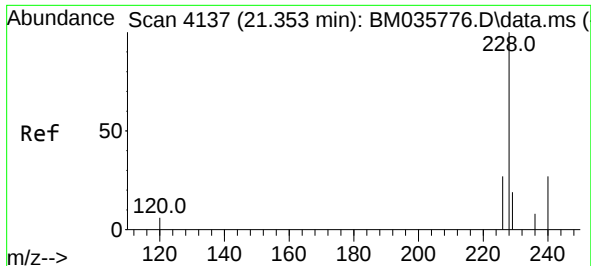
Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022



#20
Pyrene
Concen: 0.116 ng/ul m
RT: 19.586 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

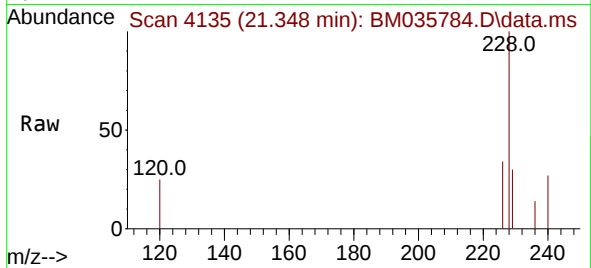
Tgt Ion:202 Resp: 8054
Ion Ratio Lower Upper
202 100
101 18.8 12.0 18.0#
100 16.7 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.249 ng/u1
RT: 21.348 min Scan# 4135
Delta R.T. -0.014 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

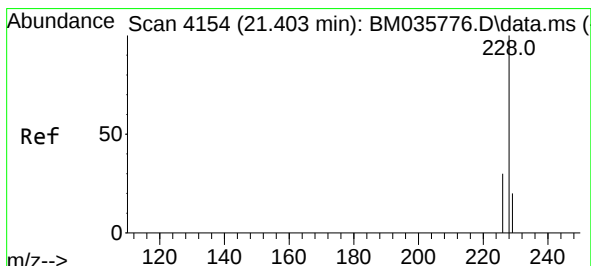
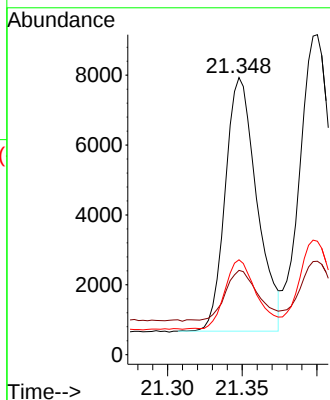
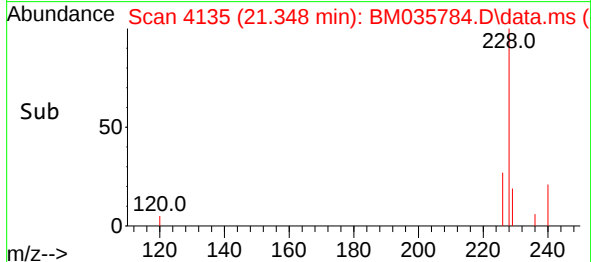
Instrument :
BNA_M
ClientSampleId :
EW4T5



Tgt Ion:228 Resp: 1069
Ion Ratio Lower Upper
228 100
229 30.4 16.2 24.2
226 34.3 22.5 33.7

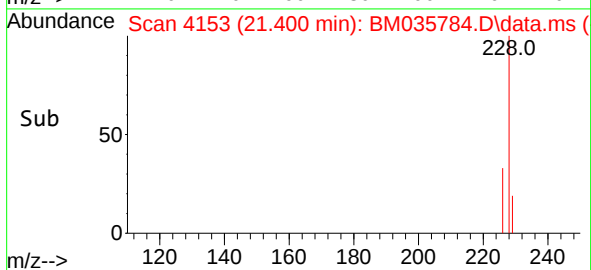
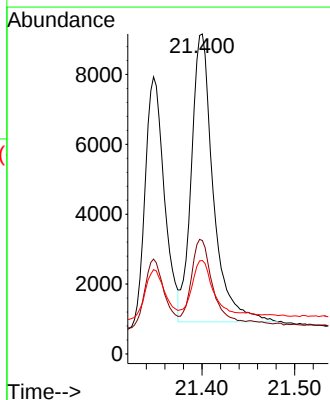
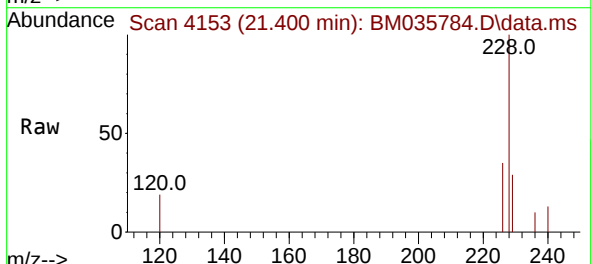
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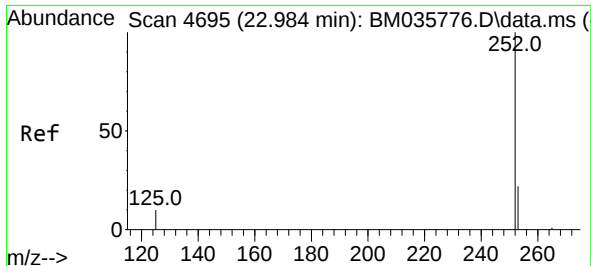
Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022



#22
Chrysene
Concen: 0.245 ng/u1
RT: 21.400 min Scan# 4153
Delta R.T. -0.008 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

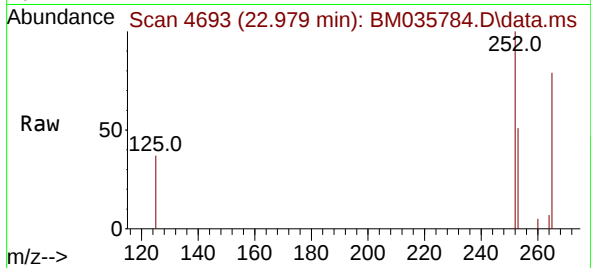
Tgt Ion:228 Resp: 13530
Ion Ratio Lower Upper
228 100
226 35.5 24.6 37.0
229 29.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul
RT: 22.979 min Scan# 4707
Delta R.T. -0.011 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

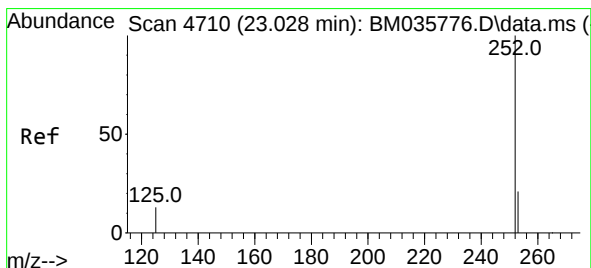
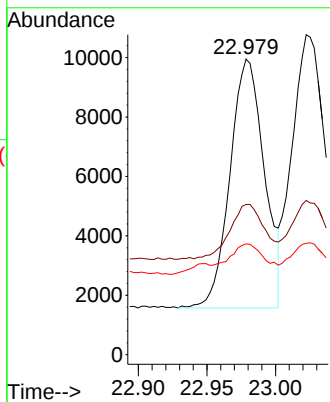
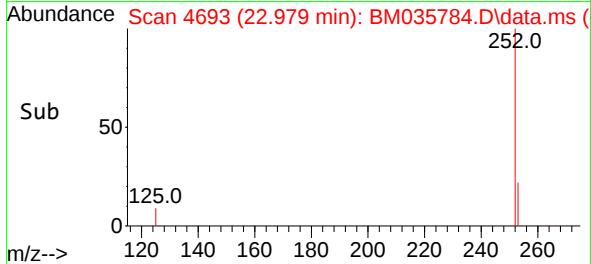
Instrument :
BNA_M
ClientSampleId :
EW4T5



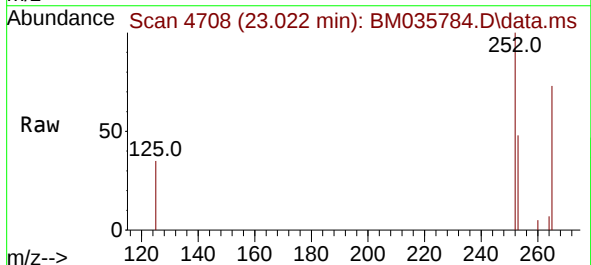
Tgt Ion:252 Resp: 14632
Ion Ratio Lower Upper
252 100
253 50.8 0.0 61.4
125 37.4 0.0 42.6

Manual Integrations
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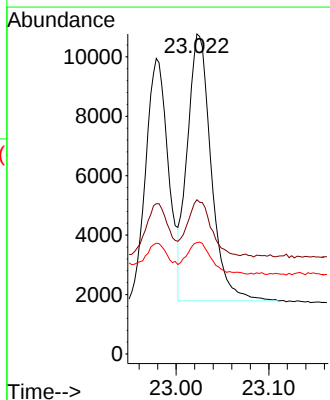
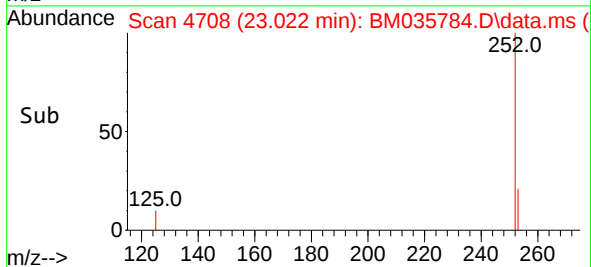
Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022

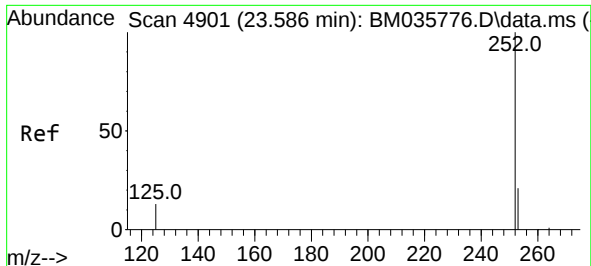


#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul
RT: 23.022 min Scan# 4708
Delta R.T. -0.017 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50



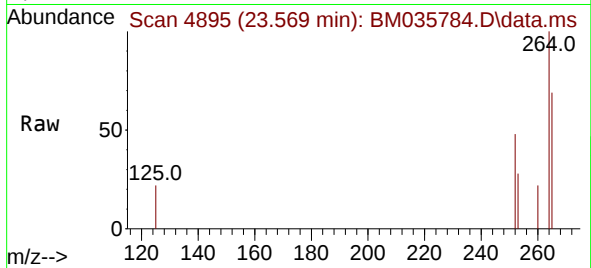
Tgt Ion:252 Resp: 16095
Ion Ratio Lower Upper
252 100
253 48.2 25.2 37.8#
125 34.8 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.569 min Scan# 4895
Delta R.T. -0.031 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

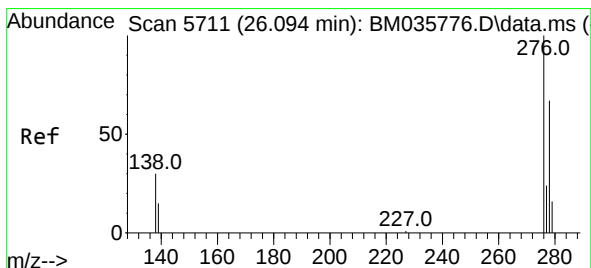
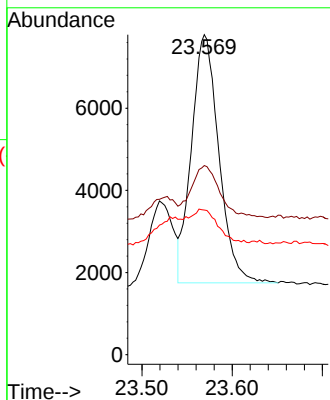
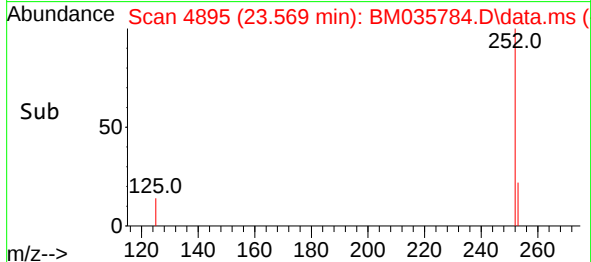
Instrument :
BNA_M
ClientSampleId :
EW4T5



Tgt Ion:252 Resp: 12730
Ion Ratio Lower Upper
252 100
253 59.1 29.7 44.5
125 45.2 23.6 35.4

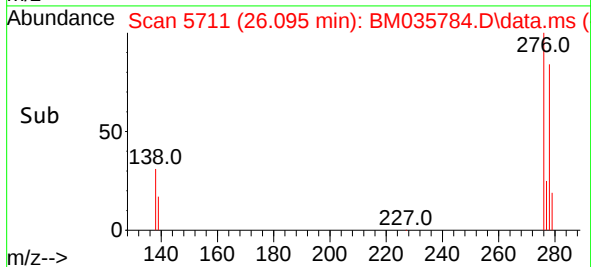
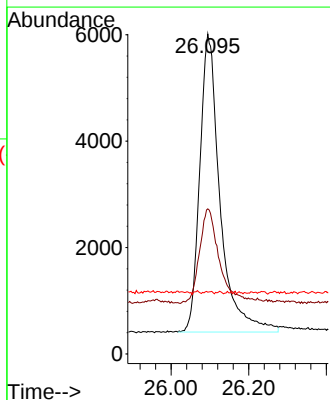
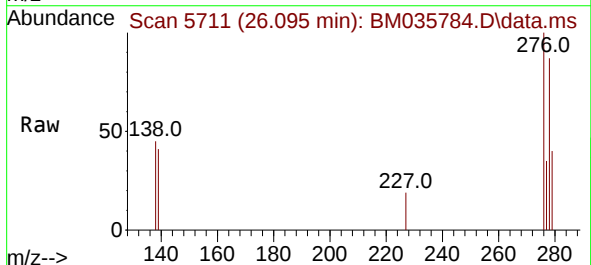
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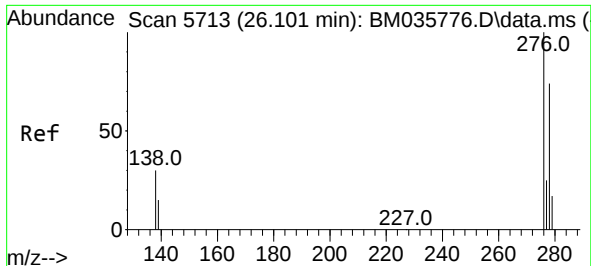
Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 26.095 min Scan# 5711
Delta R.T. -0.013 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

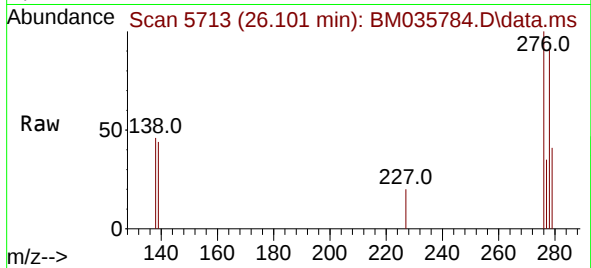
Tgt Ion:276 Resp: 20257
Ion Ratio Lower Upper
276 100
138 31.4 23.9 35.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.101 min Scan# 5713
Delta R.T. -0.023 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50

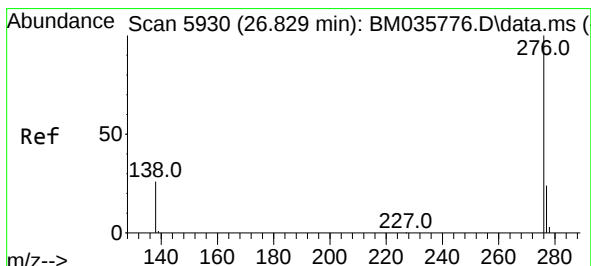
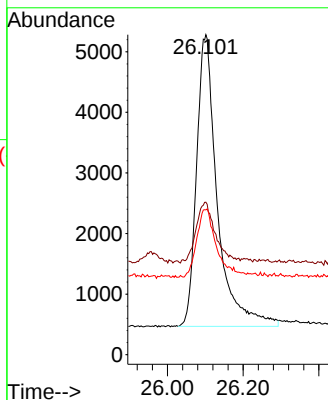
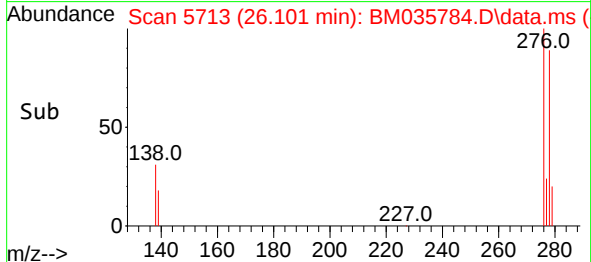
Instrument :
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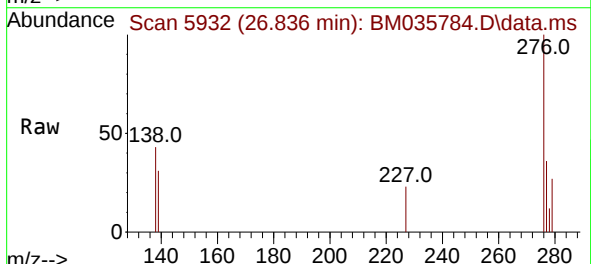
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Ion Ratio Lower Upper
278 100
139 47.7 19.8 29.6
279 45.2 27.7 41.5

Manual Integrations
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Reviewed By : Jagrut Upadhyay 07/01/2022
Supervised By : mohammad ahmed 07/01/2022



#29
Benzo(g,h,i)perylene
Concen: 0.271 ng/ul
RT: 26.836 min Scan# 5932
Delta R.T. -0.009 min
Lab File: BM035784.D
Acq: 30 Jun 2022 16:50



Tgt Ion: 276 Resp: 17855
Ion Ratio Lower Upper
276 100
138 42.7 23.4 35.0#
277 35.6 21.0 31.4#

