

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034891.D
 Acq On : 03 May 2022 15:20
 Operator : CG/JU
 Sample : N2562-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW470

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 04 03:01:15 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 : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	4951	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.732	136	13054	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.562	164	7230	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	14446	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	12430	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	12959	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	14311	2.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3415	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	7478	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.339	178	2918	0.061	ng/ul	97
19) Fluoranthene	19.355	202	5839	0.098	ng/ul	99
20) Pyrene	19.713	202	5475m	0.091	ng/ul	
21) Benzo(a)anthracene	21.458	228	3316	0.069	ng/ul#	87
22) Chrysene	21.511	228	4163	0.081	ng/ul#	87
24) Benzo(b)fluoranthene	23.136	252	5402	0.091	ng/ul#	54
25) Benzo(k)fluoranthene	23.180	252	2237m	0.038	ng/ul	
26) Benzo(a)pyrene	23.753	252	3001	0.062	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.325	276	2859	0.042	ng/ul#	70
29) Benzo(g,h,i)perylene	27.090	276	2521	0.043	ng/ul#	62

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

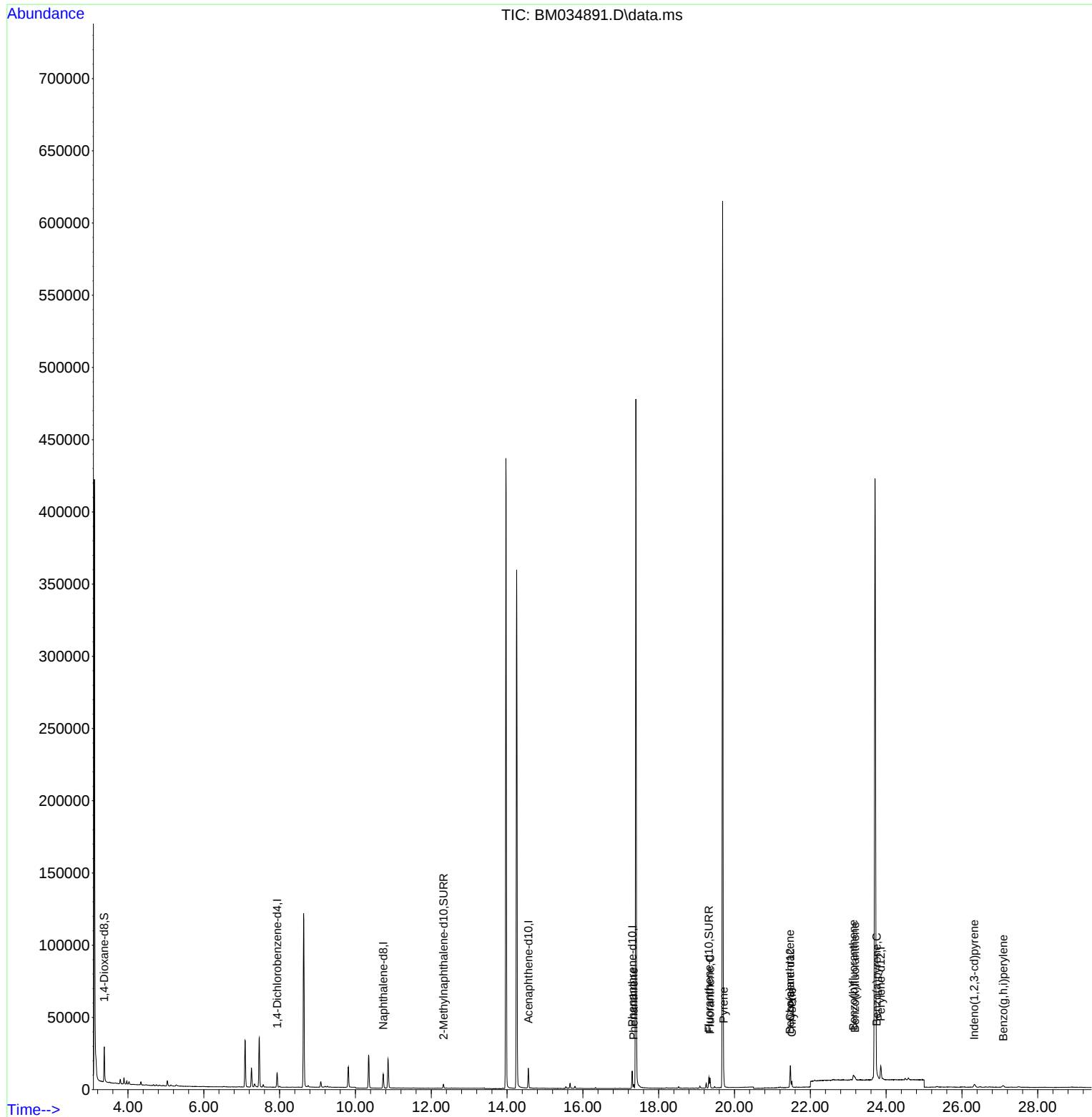
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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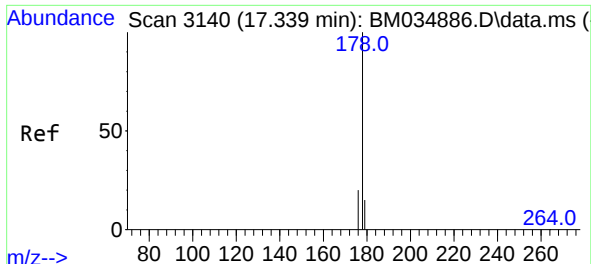
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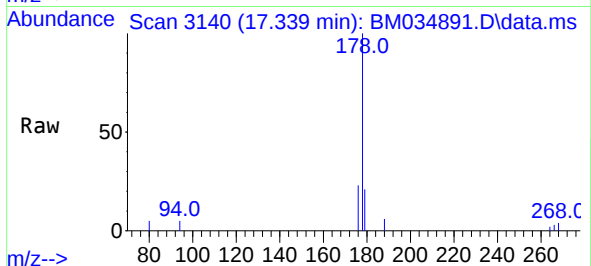
Quant Time: May 04 03:01:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.061 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20

Instrument :
BNA_M
ClientSampleId :
EW470

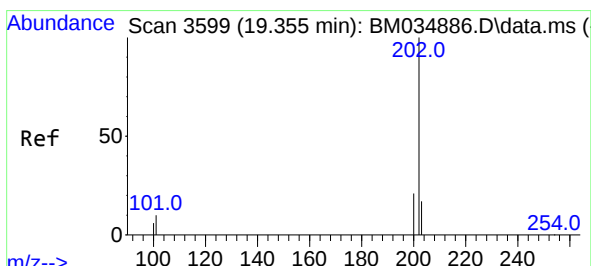
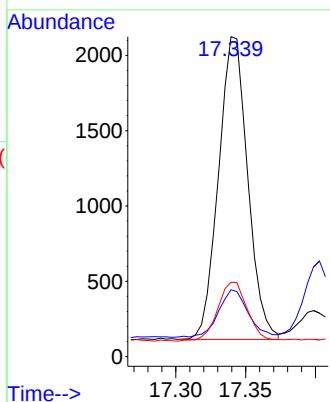
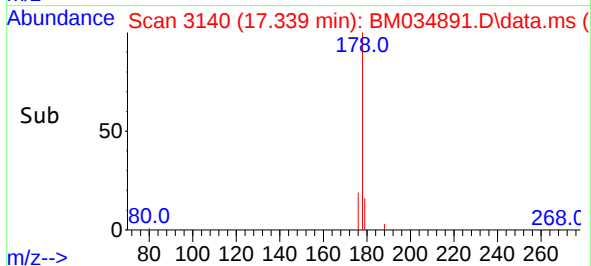


Tgt Ion:178 Resp: 2918

Ion	Ratio	Lower	Upper
178	100		
179	20.9	15.0	22.6
176	23.3	17.9	26.9

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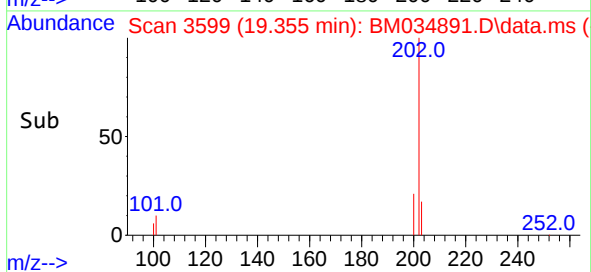
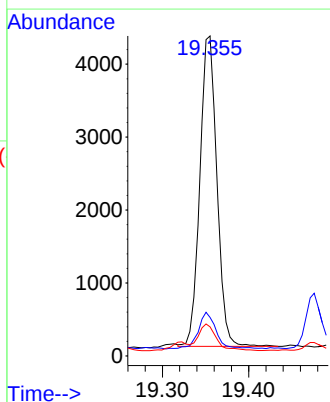
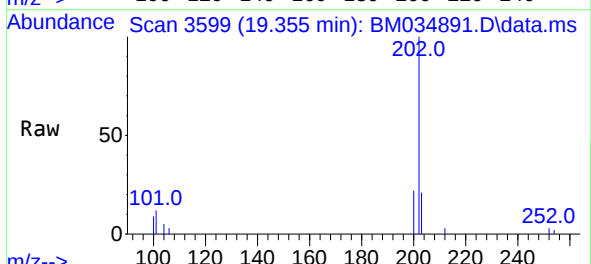
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

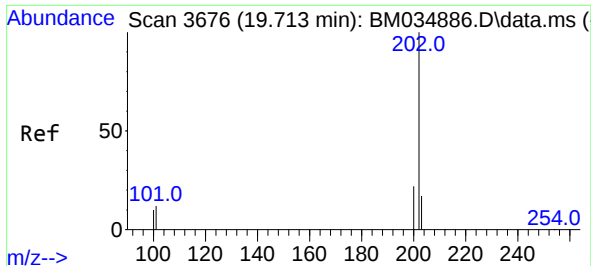


#19
Fluoranthene
Concen: 0.098 ng/u1
RT: 19.355 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20

Tgt Ion:202 Resp: 5839

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.2	13.8
100	9.1	7.2	10.8





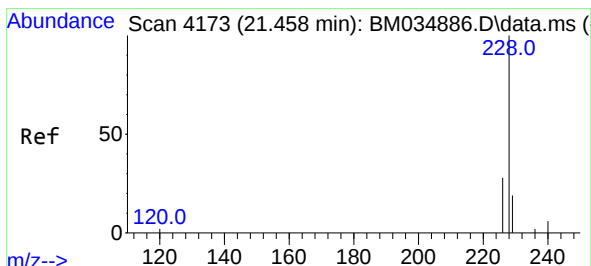
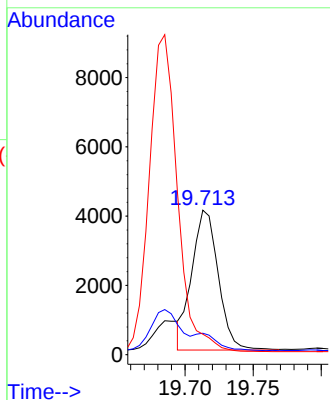
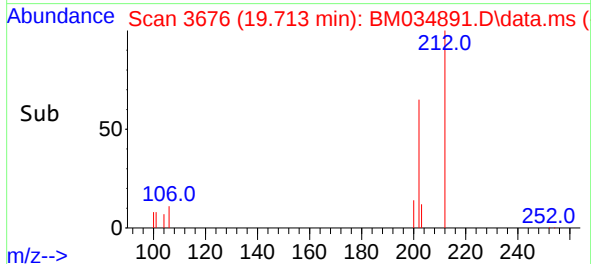
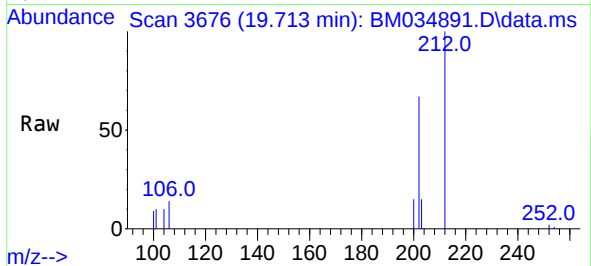
#20
Pyrene
Concen: 0.091 ng/ul m
RT: 19.713 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20

Instrument :
BNA_M
ClientSampleId :
EW470

Tgt Ion:202 Resp: 5475
Ion Ratio Lower Upper
202 100
101 14.9 9.3 13.9#
100 14.2 7.8 11.6#

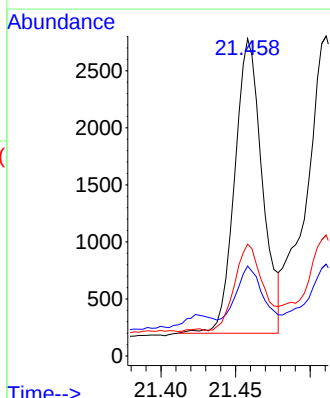
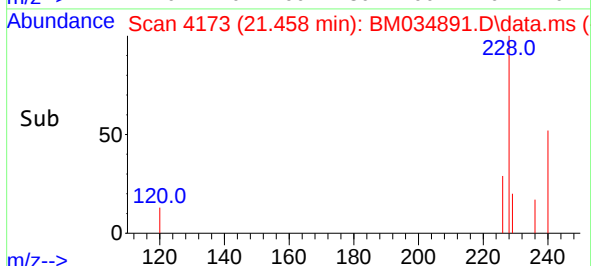
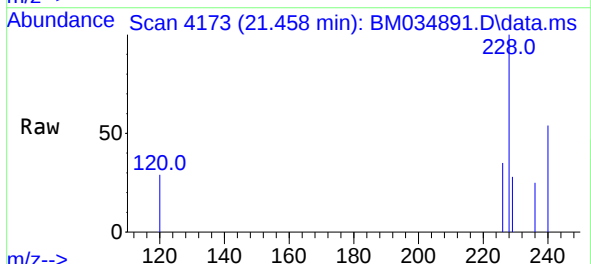
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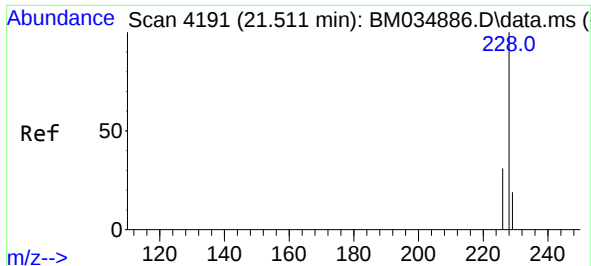
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#21
Benzo(a)anthracene
Concen: 0.069 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20

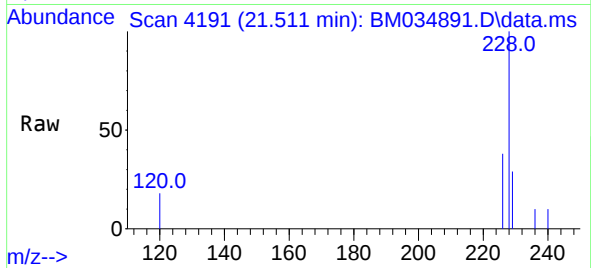
Tgt Ion:228 Resp: 3316
Ion Ratio Lower Upper
228 100
229 28.3 17.3 25.9#
226 35.3 23.2 34.8#





#22
Chrysene
Concen: 0.081 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20

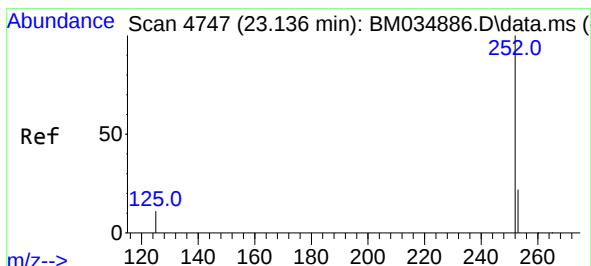
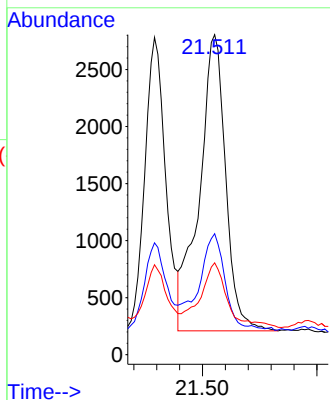
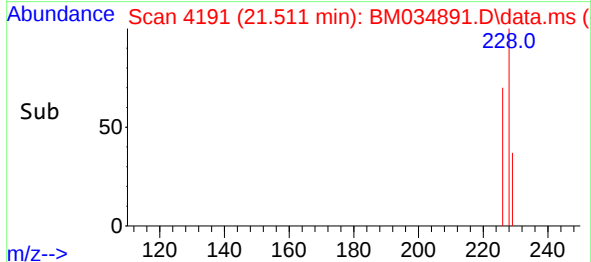
Instrument :
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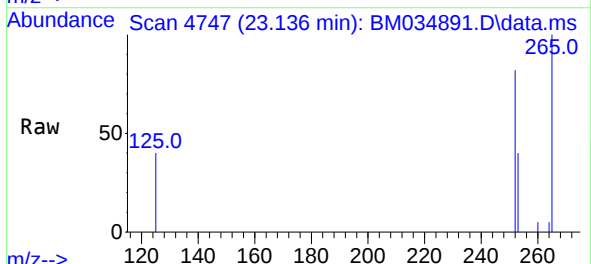
Tgt Ion:228 Resp: 416
Ion Ratio Lower Upper
228 100
226 37.8 25.8 38.8
229 28.7 16.7 25.1

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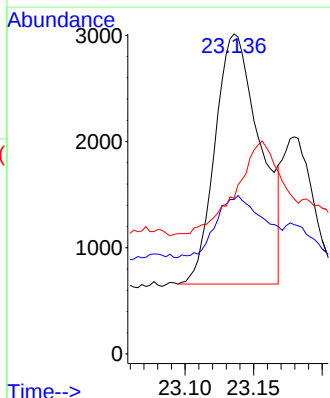
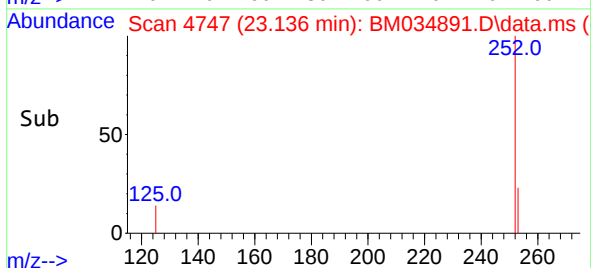
Reviewed By :Jagrut Upadhyay 05/04/2022
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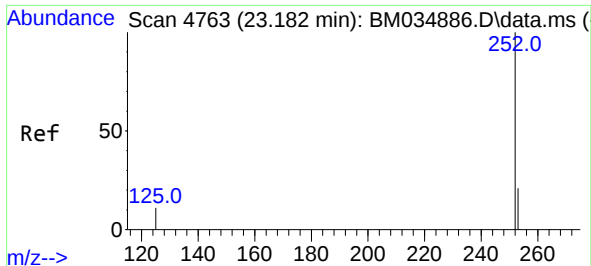


#24
Benzo(b)fluoranthene
Concen: 0.091 ng/u1
RT: 23.136 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20



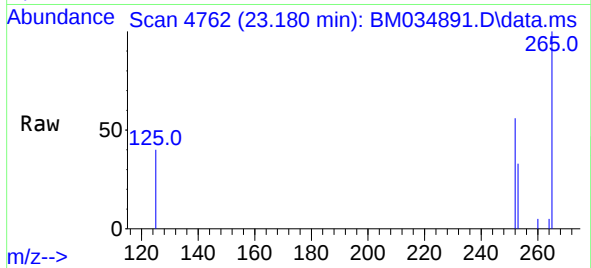
Tgt Ion:252 Resp: 5402
Ion Ratio Lower Upper
252 100
253 48.3 0.0 64.2
125 48.6 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.180 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20

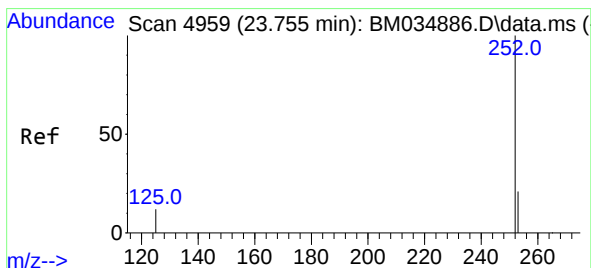
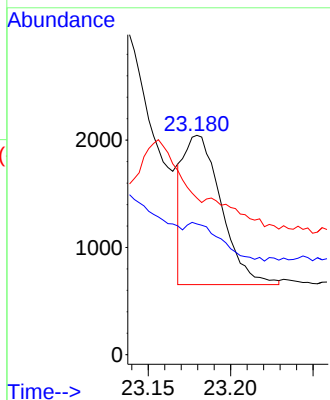
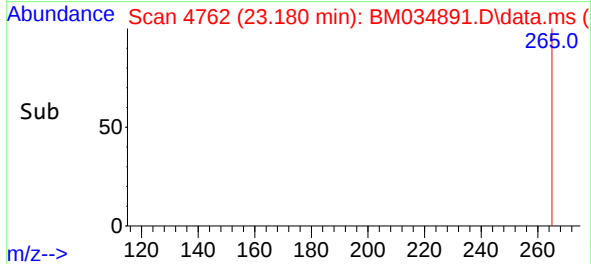
Instrument :
BNA_M
ClientSampleId :
EW470



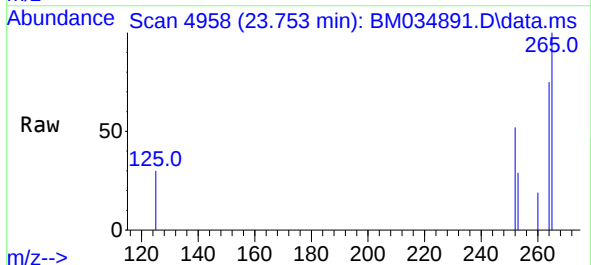
Tgt Ion:252 Resp: 223
Ion Ratio Lower Upper
252 100
253 59.6 26.8 40.2
125 71.4 12.0 18.0

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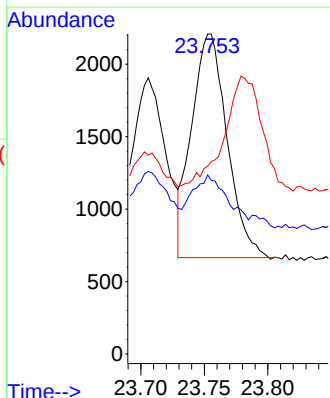
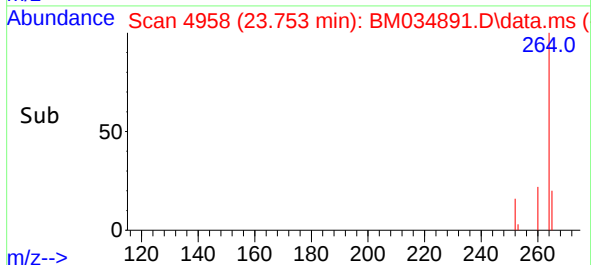
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

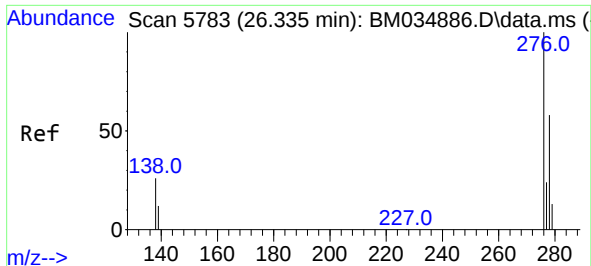


#26
Benzo(a)pyrene
Concen: 0.062 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM034891.D
Acq: 03 May 2022 15:20



Tgt Ion:252 Resp: 3001
Ion Ratio Lower Upper
252 100
253 56.0 32.0 48.0#
125 58.7 14.5 21.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.042 ng/ul

RT: 26.325 min Scan# 5780

Delta R.T. -0.010 min

Lab File: BM034891.D

Acq: 03 May 2022 15:20

Instrument :

BNA_M

ClientSampleId :

EW470

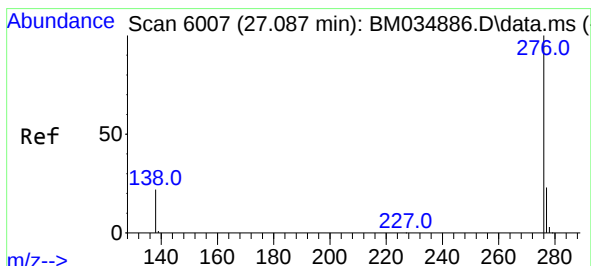
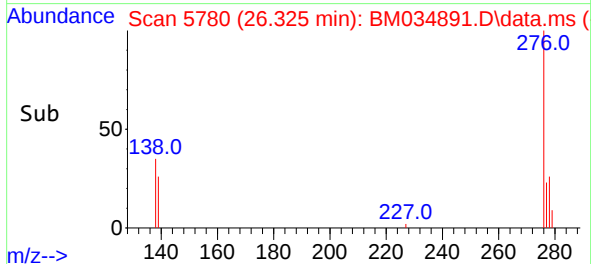
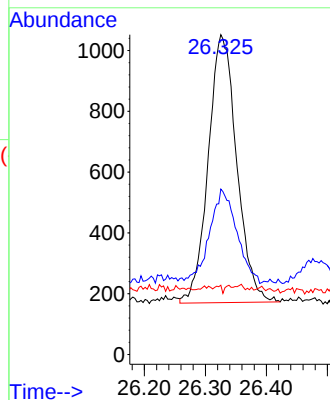
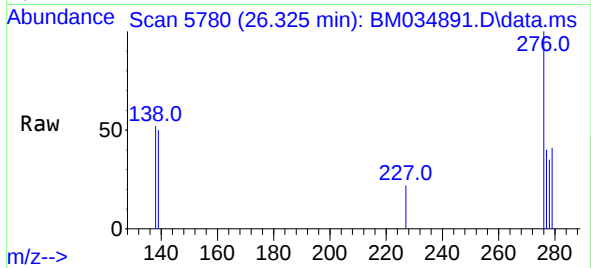
Tgt Ion:	276	Resp:	285
Ion Ratio	Lower	Upper	
276	100		
138	33.2	15.8	23.6
227	0.7	0.0	0.0

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.043 ng/ul

RT: 27.090 min Scan# 6008

Delta R.T. 0.003 min

Lab File: BM034891.D

Acq: 03 May 2022 15:20

Tgt Ion:	276	Resp:	2521
Ion Ratio	Lower	Upper	
276	100		
138	46.6	17.4	26.0
277	42.7	22.6	33.8

