

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034895.D
 Acq On : 03 May 2022 17:45
 Operator : CG/JU
 Sample : N2562-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW466

Manual Integrations
 APPROVED

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

Quant Time: May 04 03:01:56 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	6255	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.732	136	16605	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	9139	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	17540	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	13634	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	13921	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	14034	2.029	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3557	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	7019	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.343	178	7088	0.122	ng/ul	97
16) Anthracene	17.431	178	1181	0.023	ng/ul#	88
19) Fluoranthene	19.354	202	20070	0.307	ng/ul	98
20) Pyrene	19.712	202	17106m	0.260	ng/ul	
21) Benzo(a)anthracene	21.459	228	8455	0.159	ng/ul	97
22) Chrysene	21.508	228	10318	0.182	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	14609	0.230	ng/ul	91
25) Benzo(k)fluoranthene	23.180	252	5218m	0.082	ng/ul	
26) Benzo(a)pyrene	23.753	252	9101	0.175	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.326	276	7669	0.105	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.346	278	1959	0.033	ng/ul#	34
29) Benzo(g,h,i)perylene	27.084	276	6102	0.097	ng/ul#	88

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

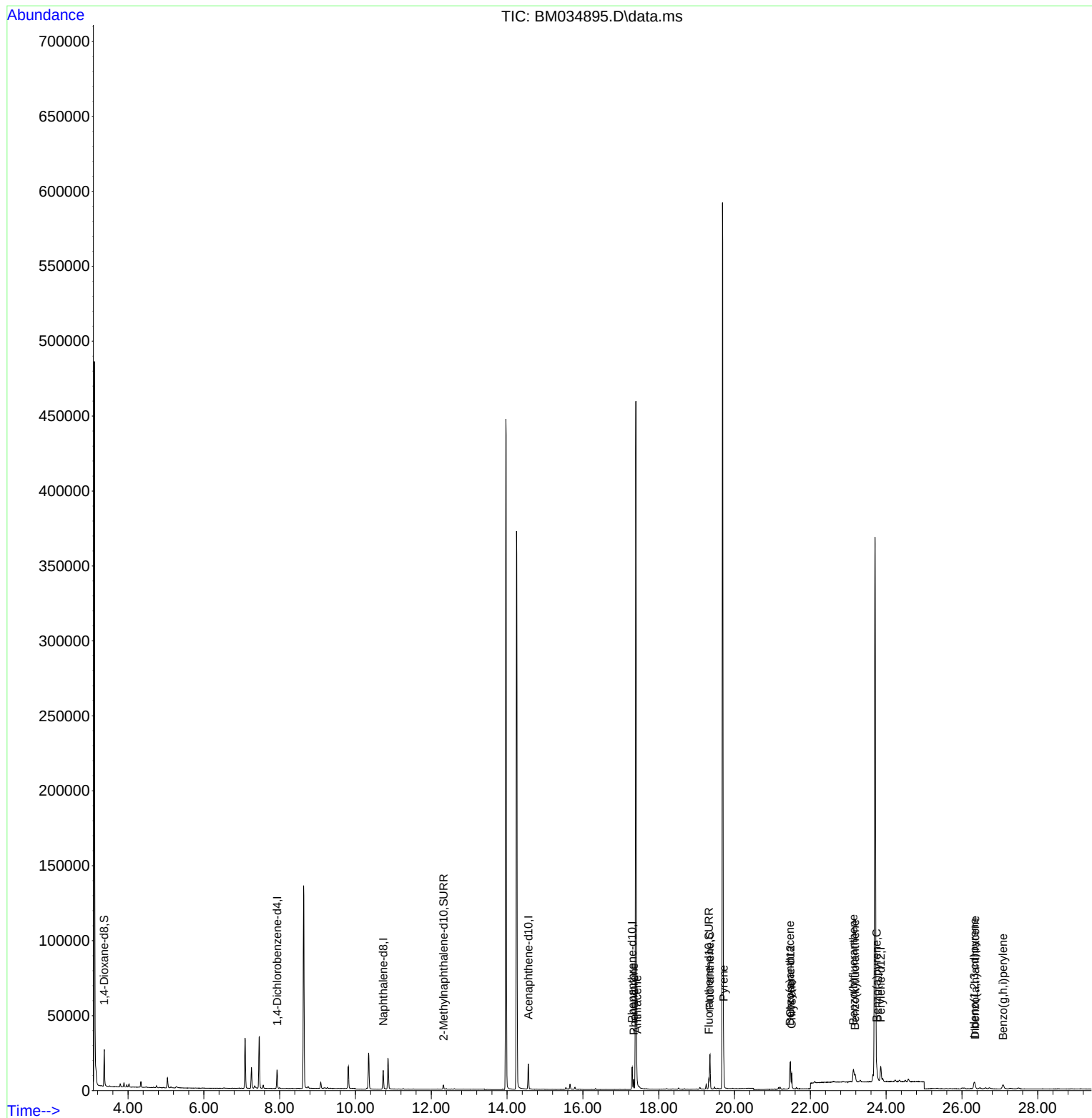
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034895.D
Acq On : 03 May 2022 17:45
Operator : CG/JU
Sample : N2562-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

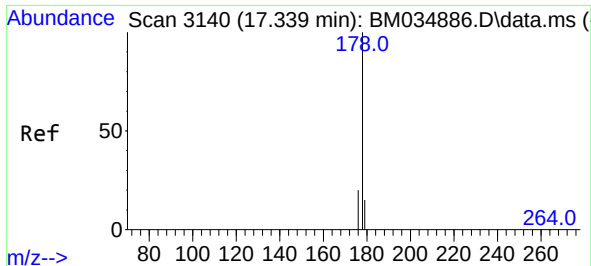
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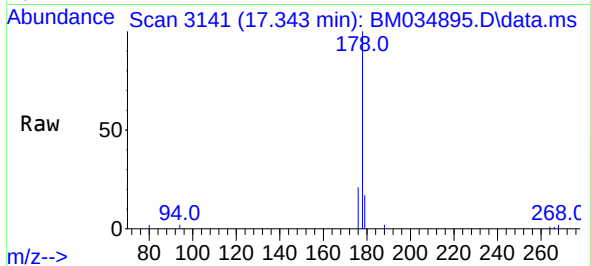
Quant Time: May 04 03:01:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.122 ng/u1
RT: 17.343 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

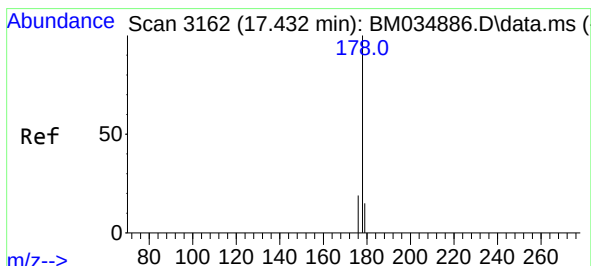
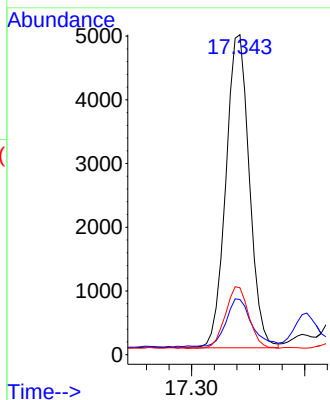
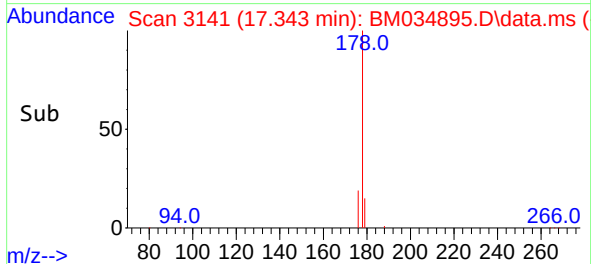
Instrument :
BNA_M
ClientSampleId :
EW466



Tgt Ion:178 Resp: 7088
Ion Ratio Lower Upper
178 100
179 17.2 15.0 22.6
176 20.9 17.9 26.9

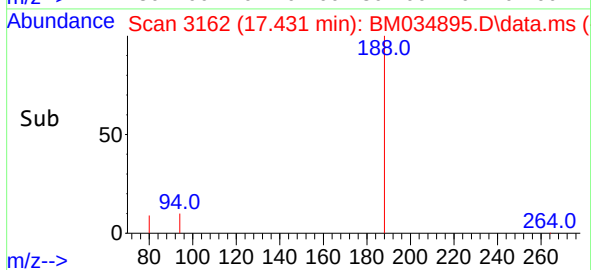
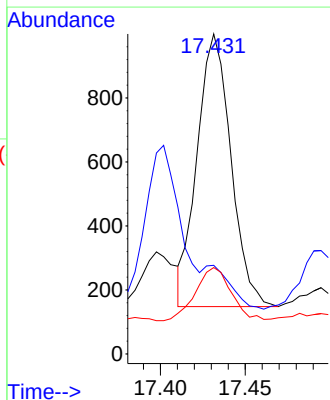
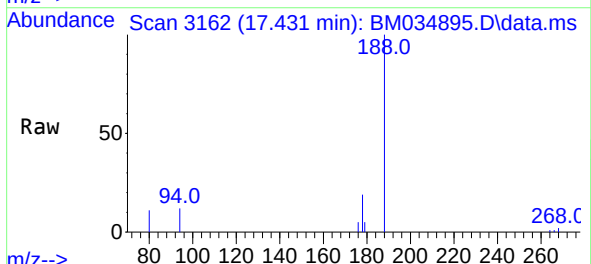
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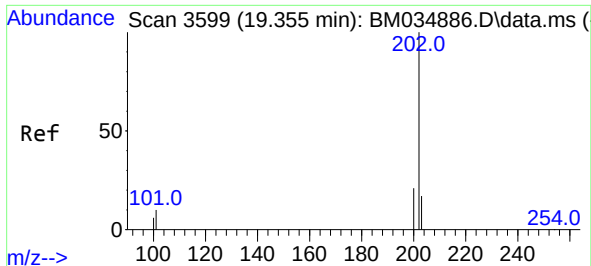
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#16
Anthracene
Concen: 0.023 ng/u1
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

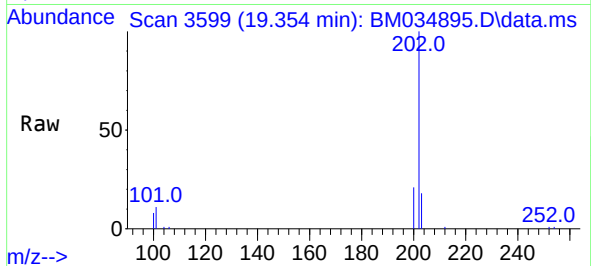
Tgt Ion:178 Resp: 1181
Ion Ratio Lower Upper
178 100
179 27.7 16.5 24.7#
176 27.0 18.3 27.5





#19
Fluoranthene
Concen: 0.307 ng/ul
RT: 19.354 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

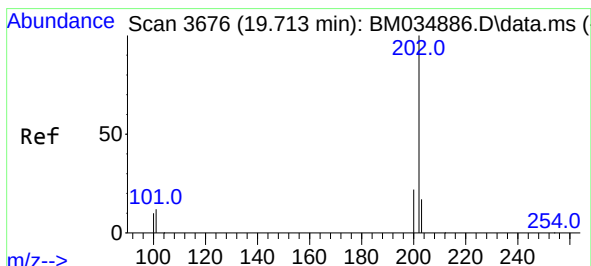
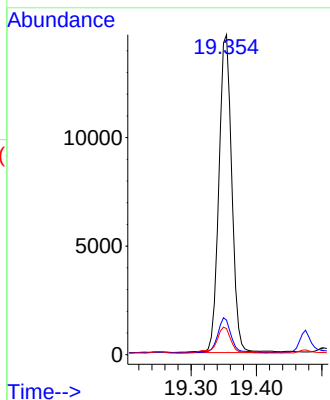
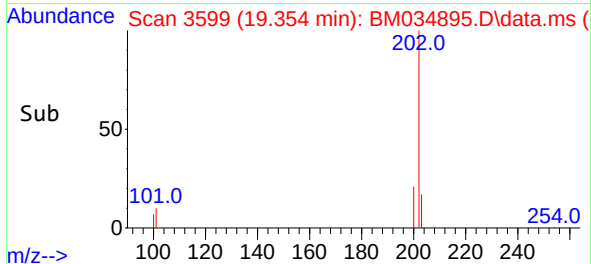
Instrument :
BNA_M
ClientSampleId :
EW466



Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.2	13.8
100	8.2	7.2	10.8

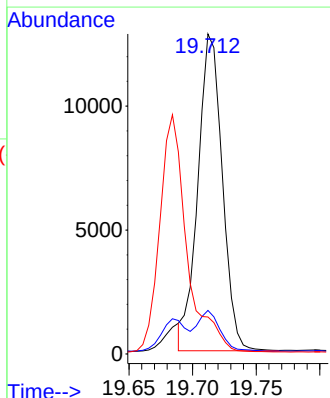
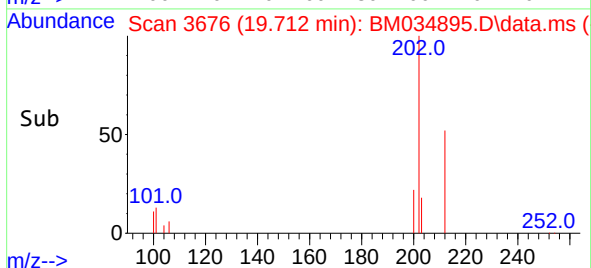
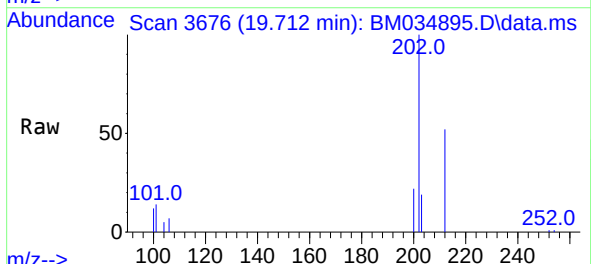
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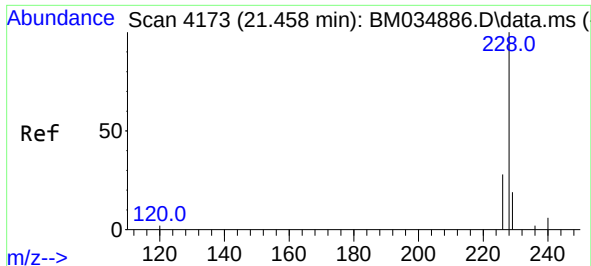
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 0.260 ng/ul m
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

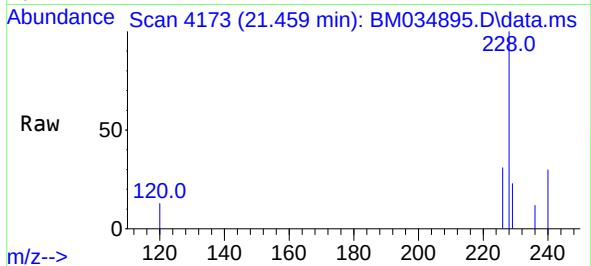
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.3	13.9
100	11.6	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.159 ng/u1
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

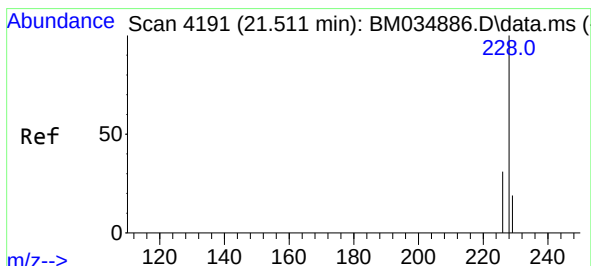
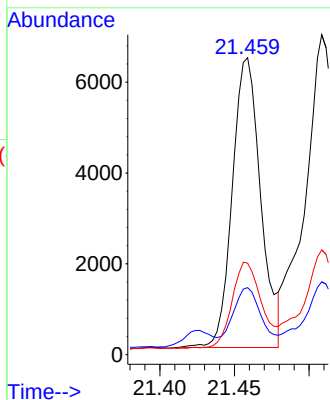
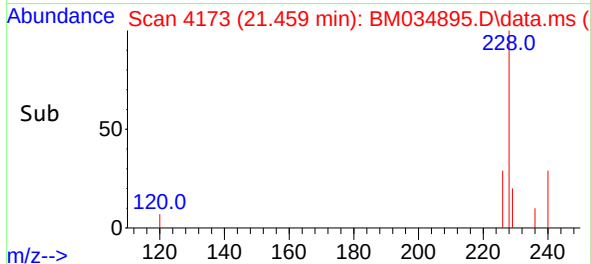
Instrument :
BNA_M
ClientSampleId :
EW466



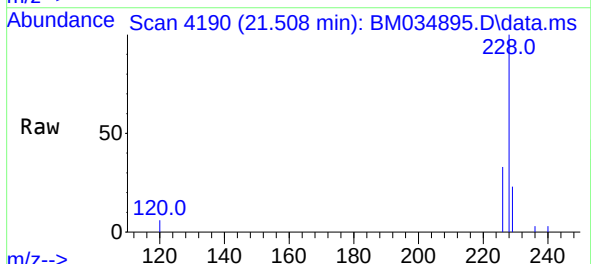
Tgt Ion:228 Resp: 845
Ion Ratio Lower Upper
228 100
229 22.6 17.3 25.9
226 30.8 23.2 34.8

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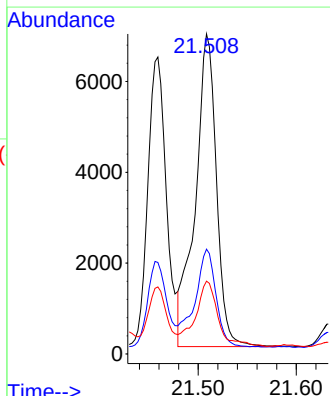
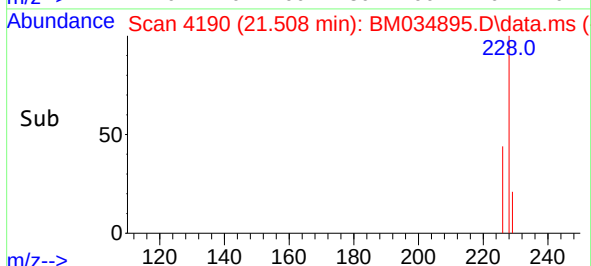
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

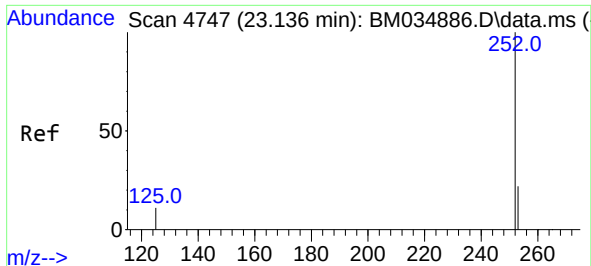


#22
Chrysene
Concen: 0.182 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45



Tgt Ion:228 Resp: 10318
Ion Ratio Lower Upper
228 100
226 32.8 25.8 38.8
229 22.7 16.7 25.1





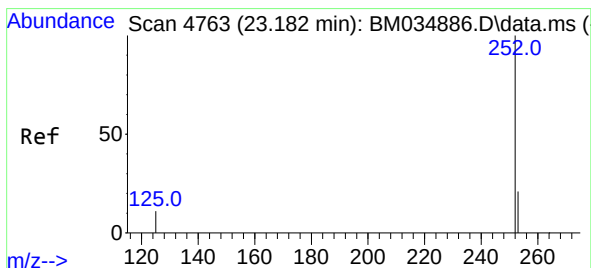
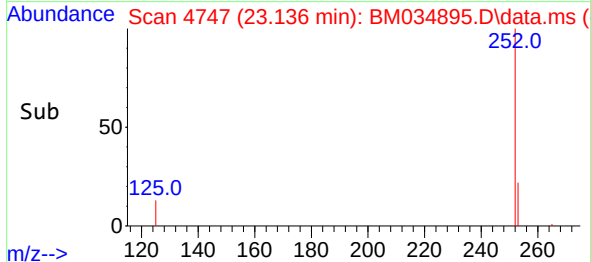
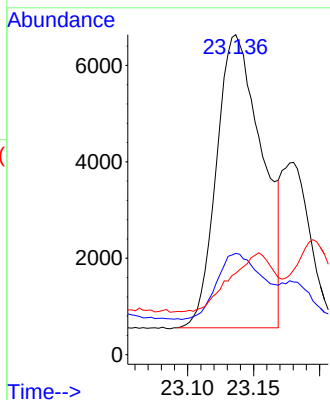
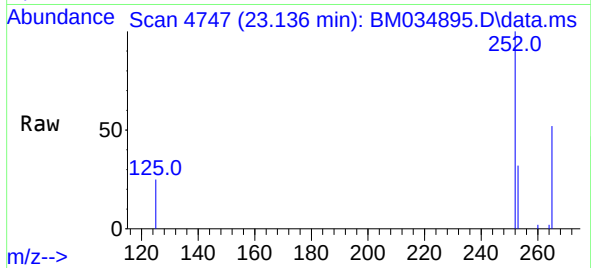
#24
Benzo(b)fluoranthene
Concen: 0.230 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.001 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

Instrument :
BNA_M
ClientSampleId :
EW466

Tgt Ion:252 Resp: 14609
Ion Ratio Lower Upper
252 100
253 31.7 0.0 64.2
125 25.4 0.0 28.8

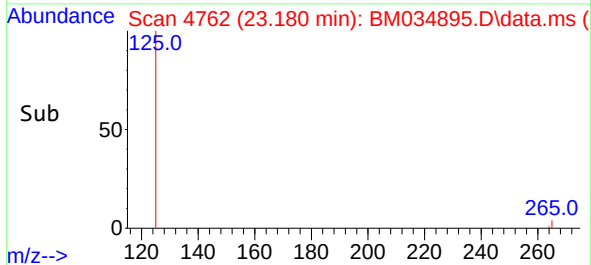
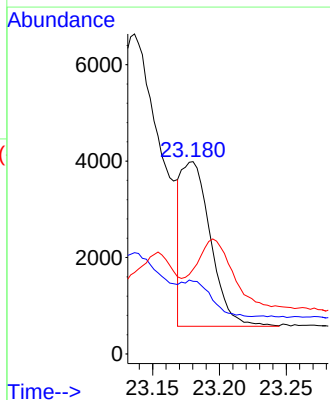
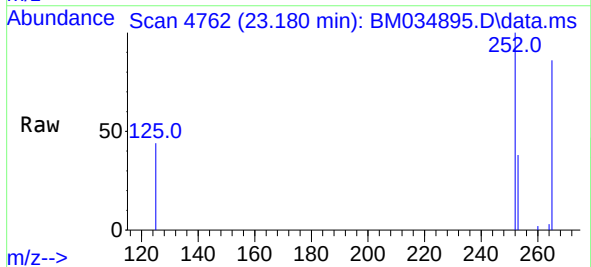
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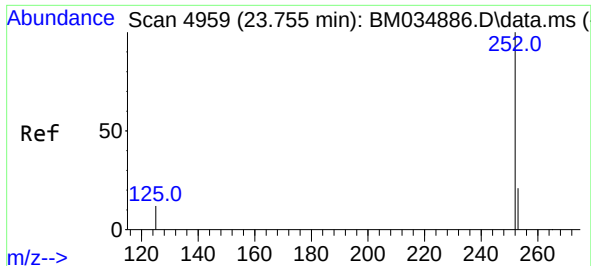
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#25
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

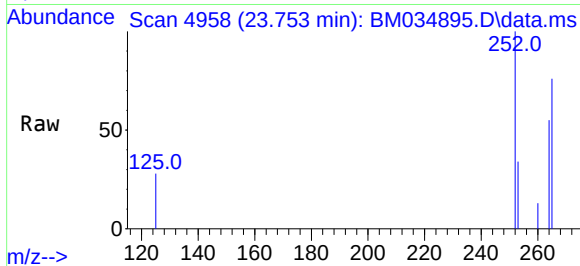
Tgt Ion:252 Resp: 5218
Ion Ratio Lower Upper
252 100
253 37.8 26.8 40.2
125 44.0 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.175 ng/u1
RT: 23.753 min Scan# 4958
Delta R.T. -0.002 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

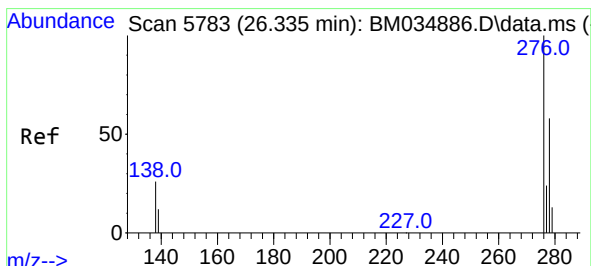
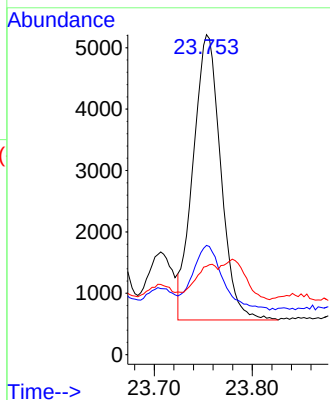
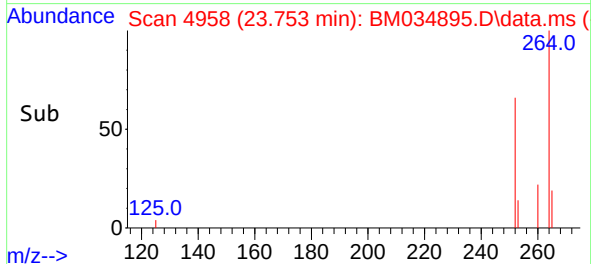
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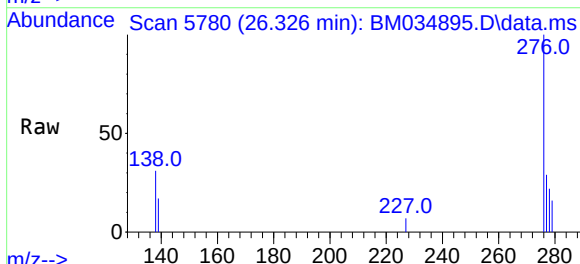
Tgt Ion:252 Resp: 910
Ion Ratio Lower Upper
252 100
253 34.1 32.0 48.0
125 27.6 14.5 21.7

Manual Integrations
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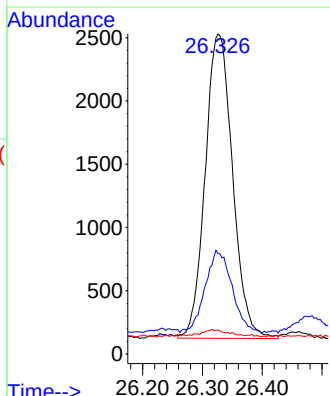
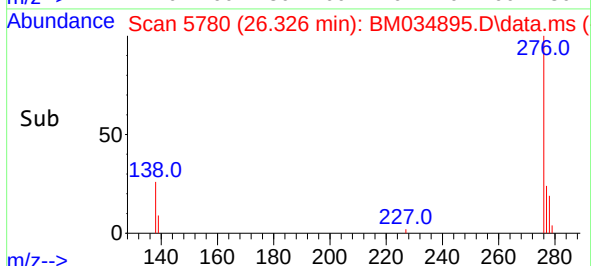
Reviewed By :Jagrut Upadhyay 05/04/2022
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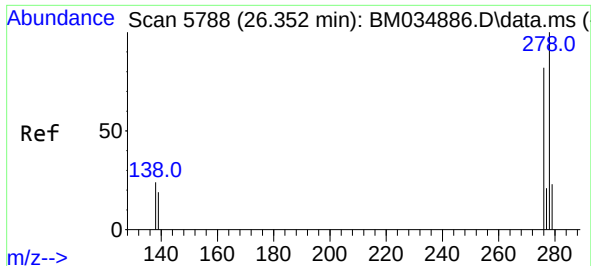


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/u1
RT: 26.326 min Scan# 5780
Delta R.T. -0.009 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45



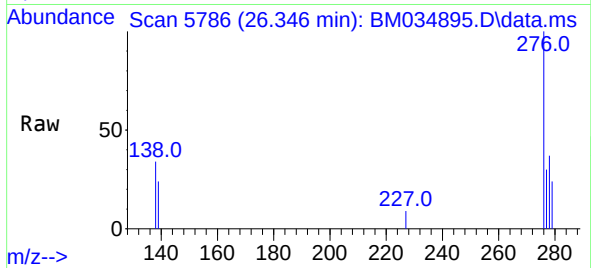
Tgt Ion:276 Resp: 7669
Ion Ratio Lower Upper
276 100
138 26.9 15.8 23.6#
227 2.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 26.346 min Scan# 5788
Delta R.T. -0.006 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45

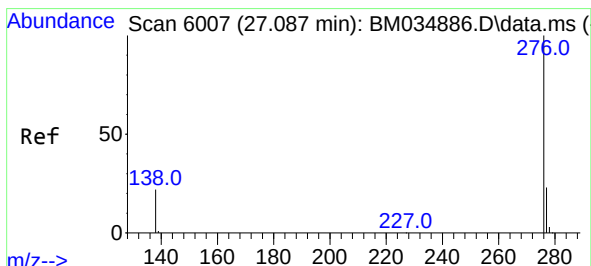
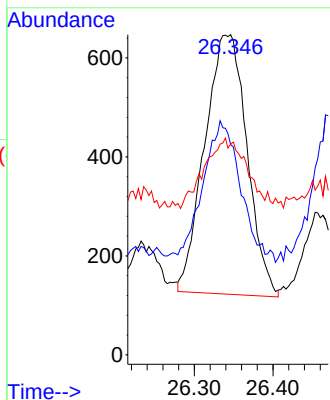
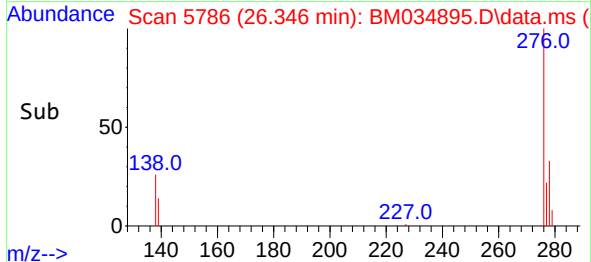
Instrument :
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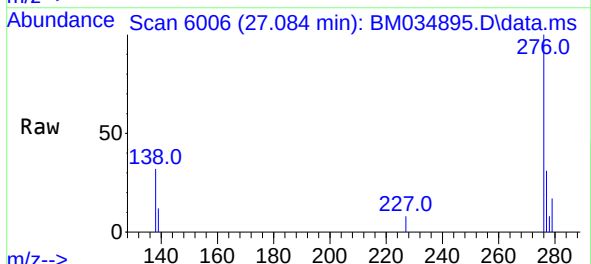
Tgt Ion:278 Resp: 1959
Ion Ratio Lower Upper
278 100
139 65.7 18.0 27.0
279 65.8 28.6 42.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM034895.D
Acq: 03 May 2022 17:45



Tgt Ion:276 Resp: 6102
Ion Ratio Lower Upper
276 100
138 31.5 17.4 26.0
277 30.6 22.6 33.8

