

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040901.D
 Acq On : 15 Jul 2023 05:34
 Operator : MA/JU
 Sample : 03437-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 06:23:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3928	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12216	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	5254	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	9883	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	7369	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	9138	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	40955	6.638	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	6477	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	10035	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	754	0.022	ng/ul#	70
12) Fluorene	15.554	166	577	0.027	ng/ul#	95
15) Phenanthrene	17.295	178	9928	0.323	ng/ul	99
16) Anthracene	17.388	178	1708	0.066	ng/ul#	86
19) Fluoranthene	19.315	202	18507	0.591	ng/ul	98
20) Pyrene	19.678	202	15514m	0.462	ng/ul	
21) Benzo(a)anthracene	21.431	228	6164	0.247	ng/ul	95
22) Chrysene	21.480	228	7143	0.251	ng/ul	96
24) Benzo(b)fluoranthene	23.100	252	9269	0.262	ng/ul	87
25) Benzo(k)fluoranthene	23.143	252	3437m	0.099	ng/ul	
26) Benzo(a)pyrene	23.714	252	6708	0.211	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.277	276	4817	0.109	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.284	278	1101	0.032	ng/ul#	31
29) Benzo(g,h,i)perylene	27.031	276	5151	0.132	ng/ul	94

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

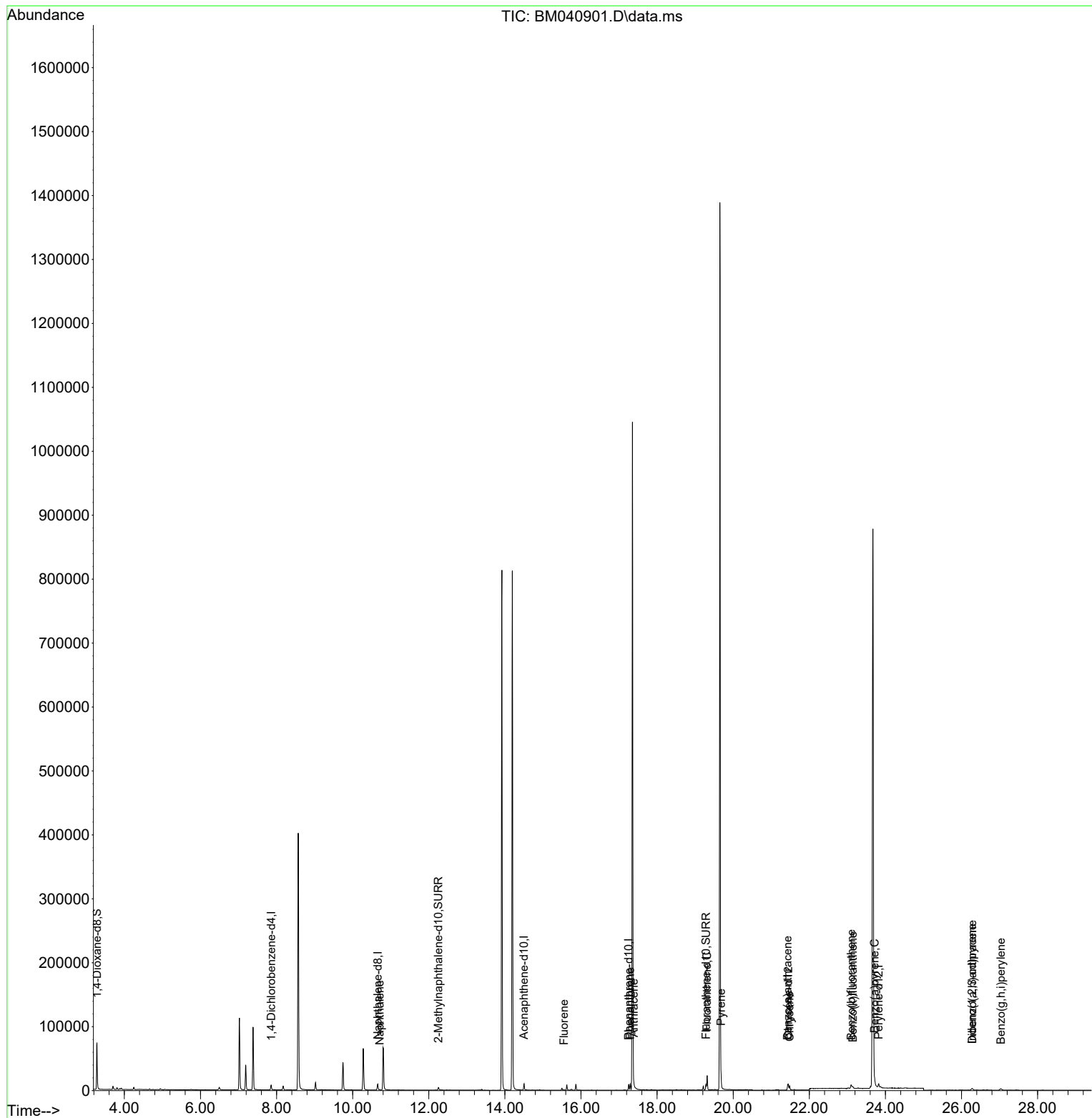
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040901.D
Acq On : 15 Jul 2023 05:34
Operator : MA/JU
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ALS Vial : 33 Sample Multiplier: 1

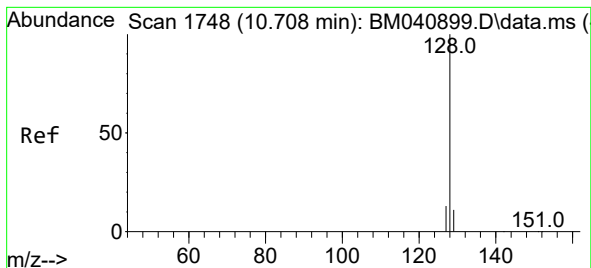
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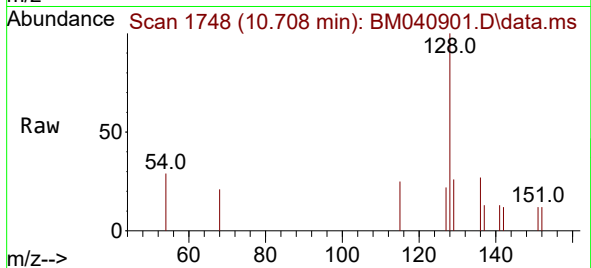
Quant Time: Jul 15 06:23:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

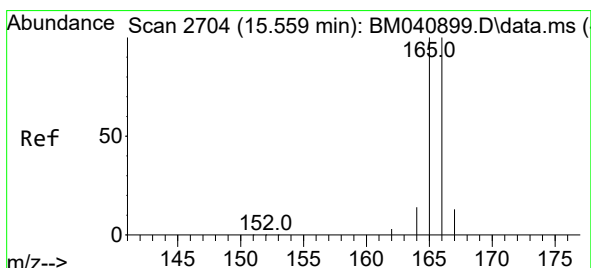
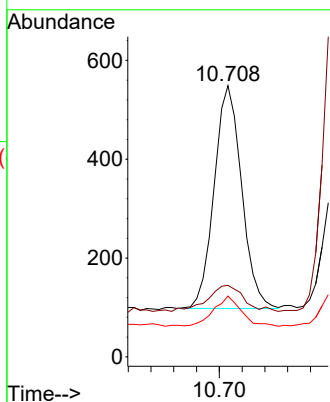
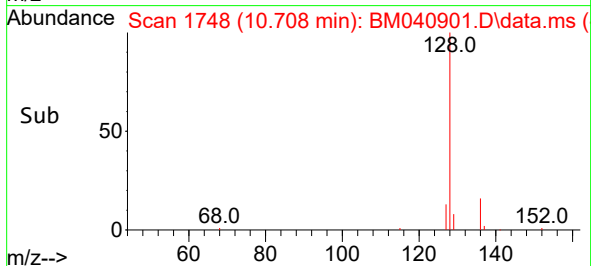
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:128 Resp: 754
Ion Ratio Lower Upper
128 100
129 26.4 9.2 13.8
127 22.4 10.6 15.8

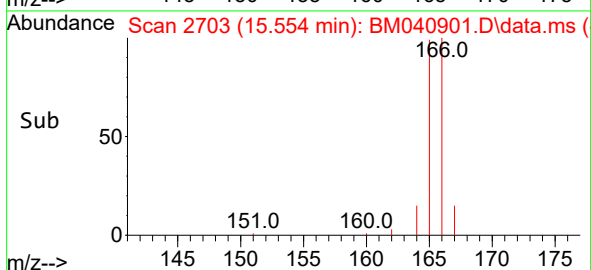
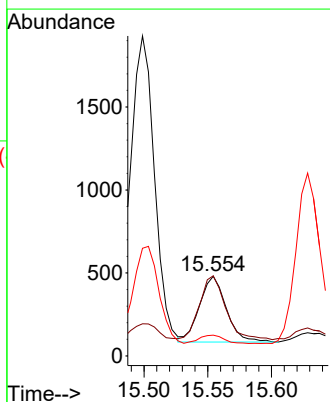
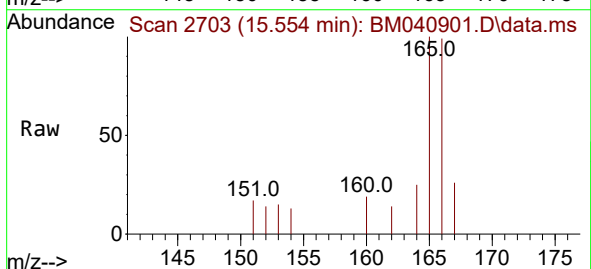
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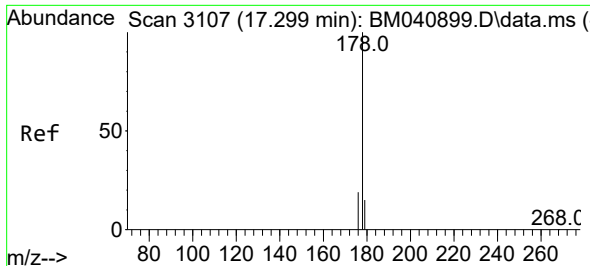
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.554 min Scan# 2703
Delta R.T. -0.005 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

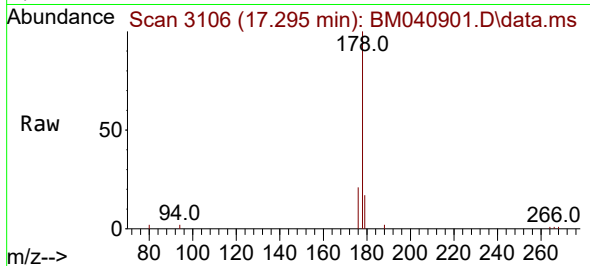
Tgt Ion:166 Resp: 577
Ion Ratio Lower Upper
166 100
165 100.6 79.6 119.4
167 26.0 11.4 17.0





#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

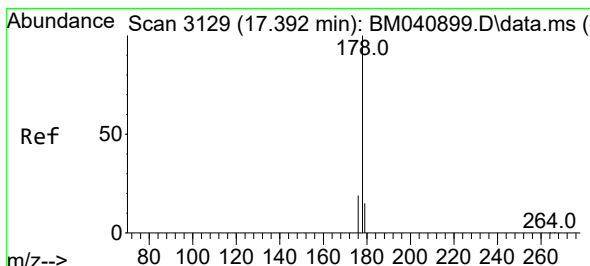
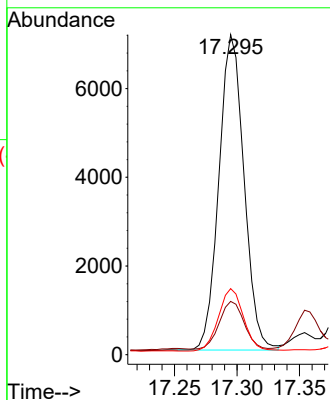
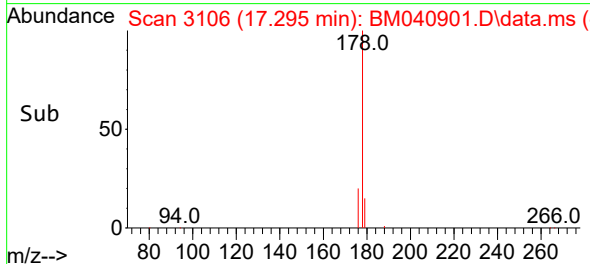
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:178 Resp: 9928
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.6 16.4 24.6

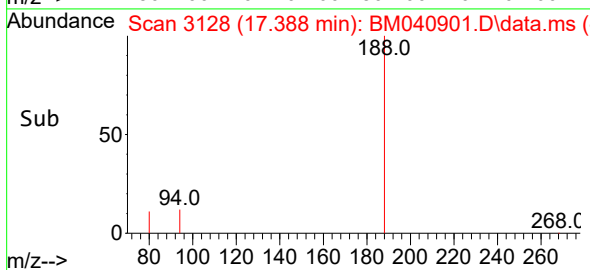
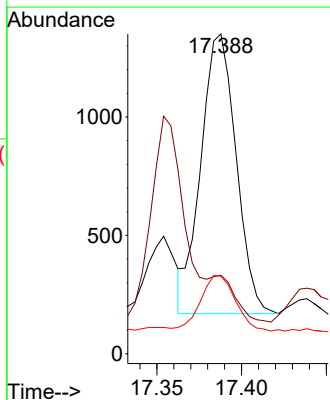
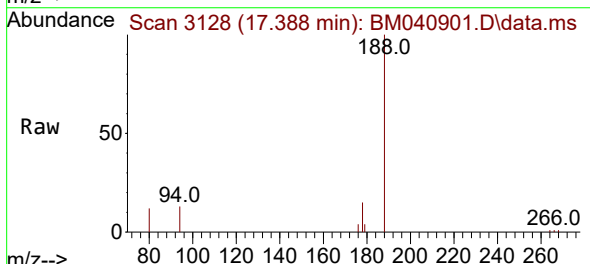
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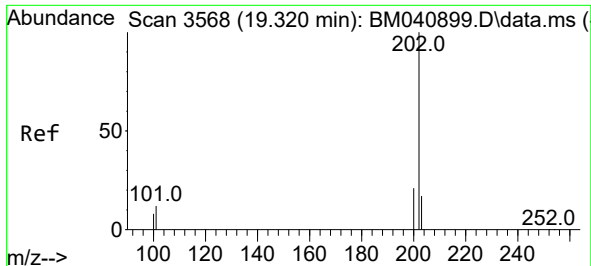
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#16
Anthracene
Concen: 0.066 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

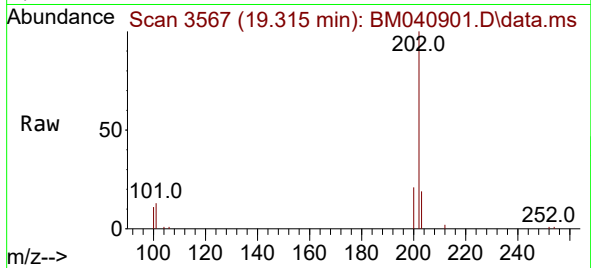
Tgt Ion:178 Resp: 1708
Ion Ratio Lower Upper
178 100
179 24.6 12.9 19.3#
176 24.3 15.8 23.6#





#19
Fluoranthene
Concen: 0.591 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

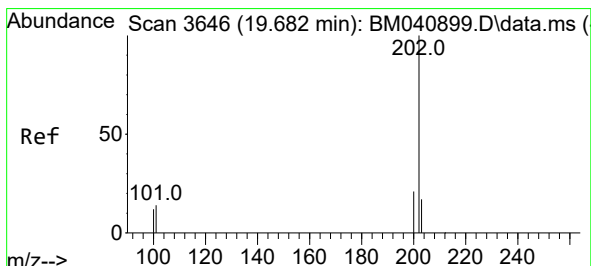
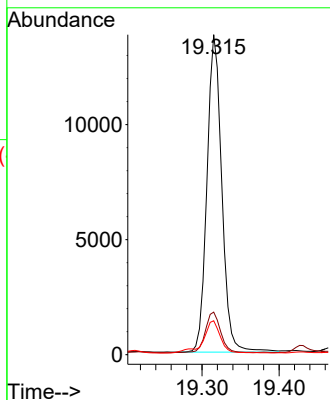
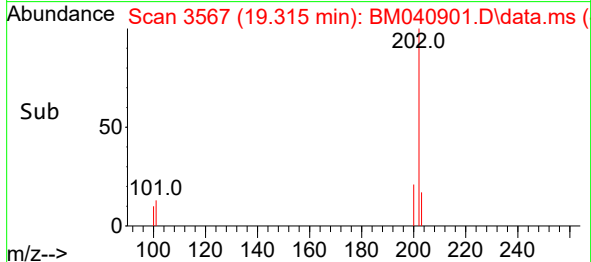
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:202 Resp: 1850
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.6 8.7 13.1

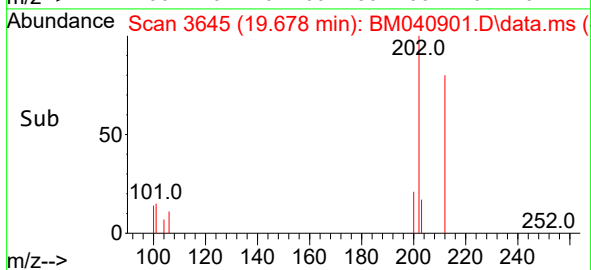
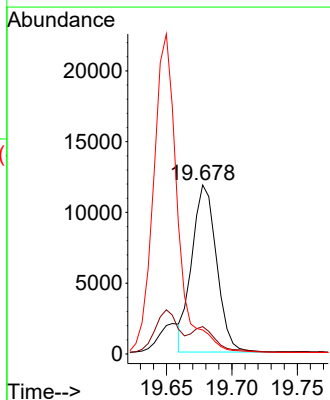
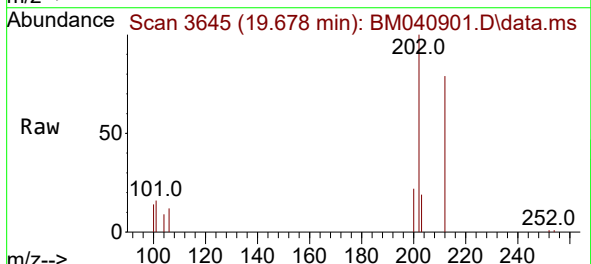
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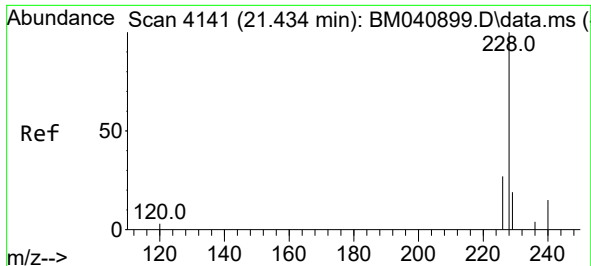
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.462 ng/ul m
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

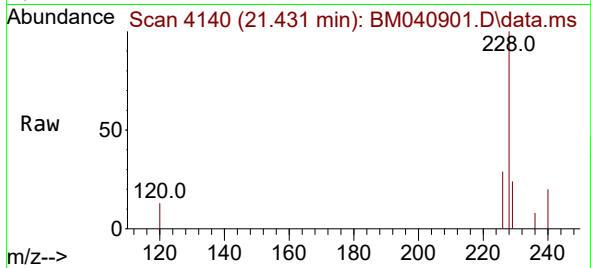
Tgt Ion:202 Resp: 15514
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 14.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.247 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

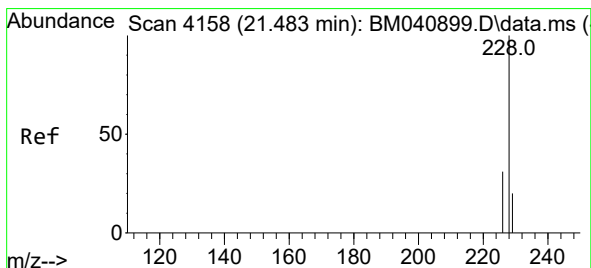
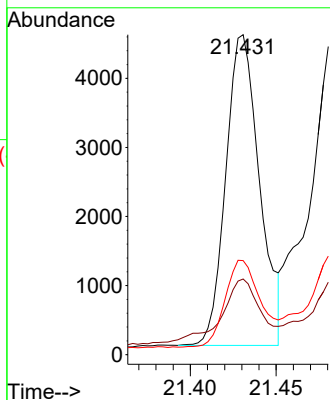
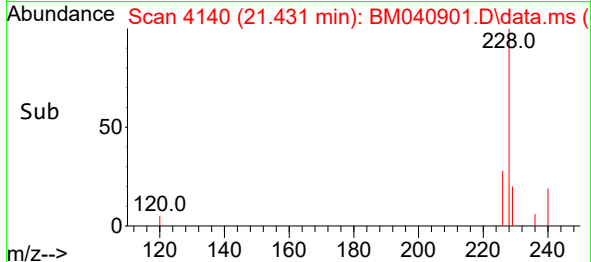
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:228 Resp: 6164
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 29.4 22.3 33.5

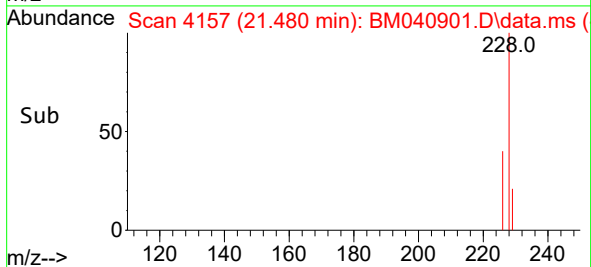
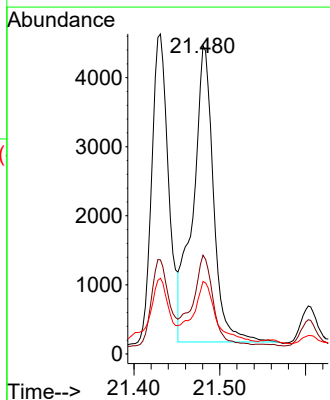
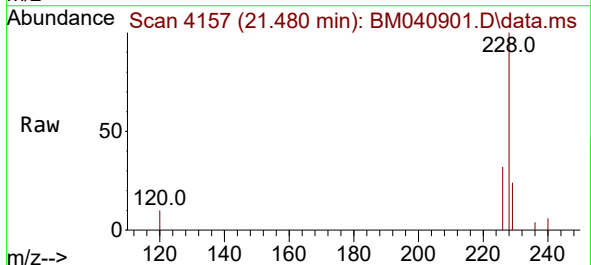
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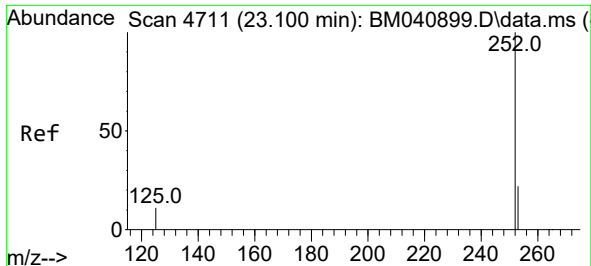
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

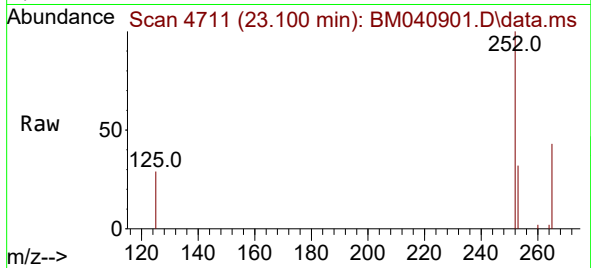
Tgt Ion:228 Resp: 7143
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 23.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

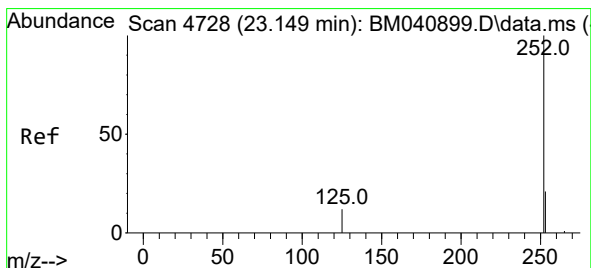
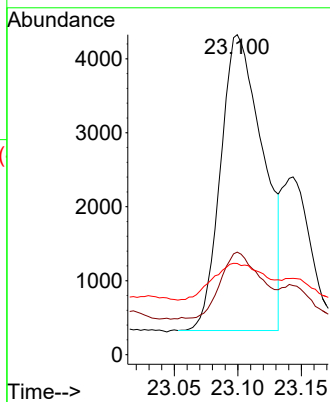
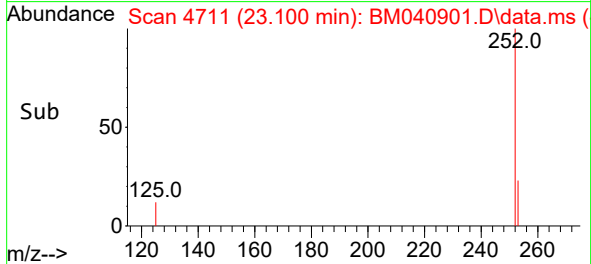
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:252 Resp: 9269
Ion Ratio Lower Upper
252 100
253 32.0 0.0 52.8
125 28.5 0.0 43.0

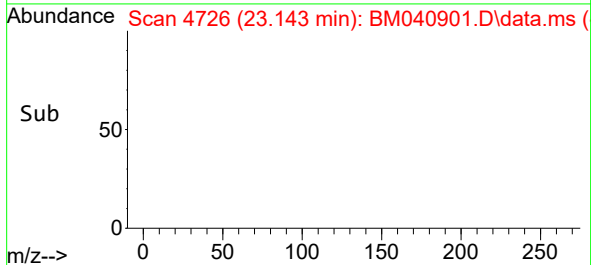
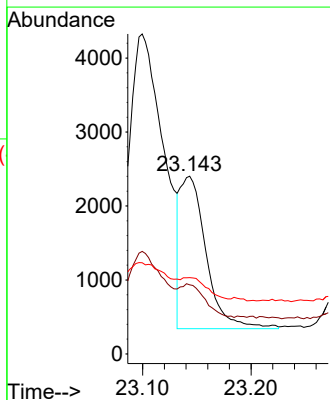
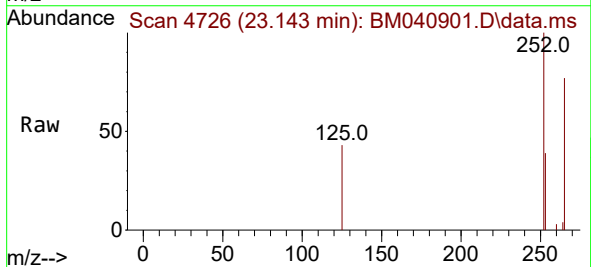
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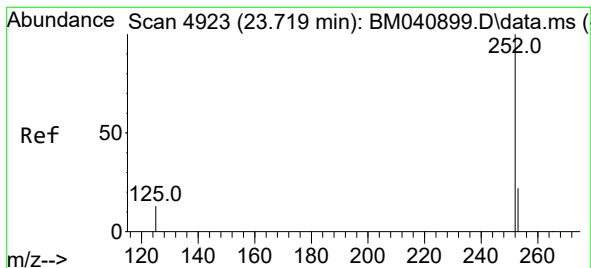
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

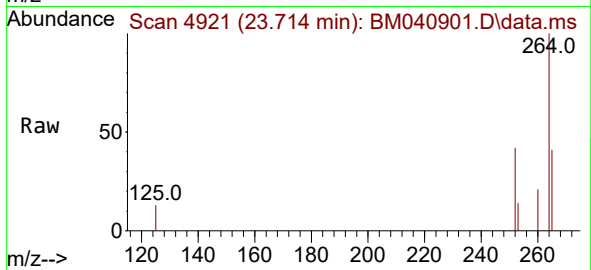
Tgt Ion:252 Resp: 3437
Ion Ratio Lower Upper
252 100
253 38.9 21.2 31.8#
125 43.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.211 ng/ul
RT: 23.714 min Scan# 4921
Delta R.T. -0.009 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

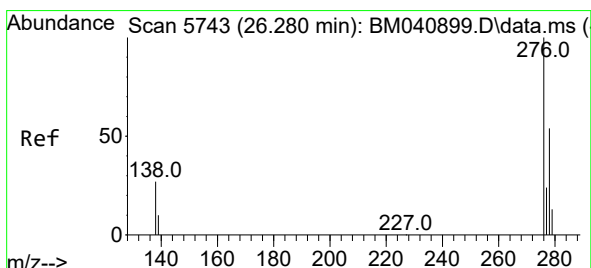
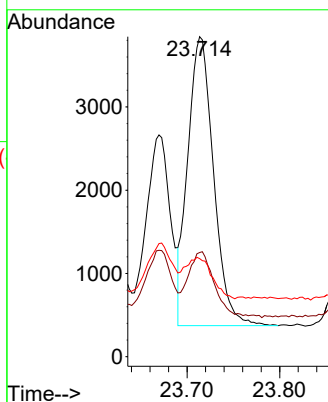
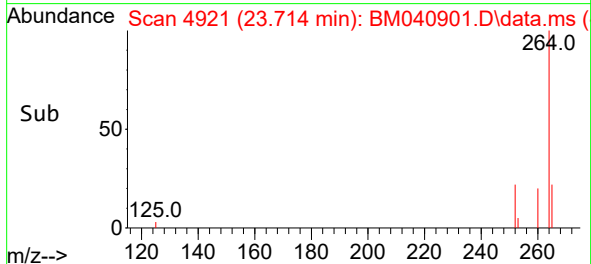
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:252 Resp: 6708
Ion Ratio Lower Upper
252 100
253 32.5 22.9 34.3
125 30.6 21.0 31.4

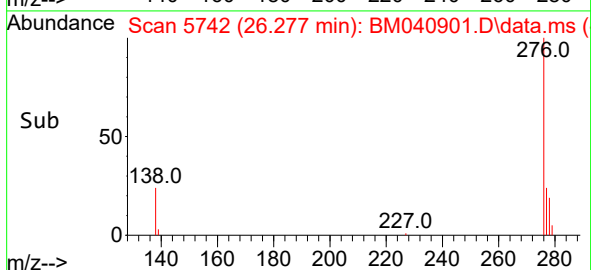
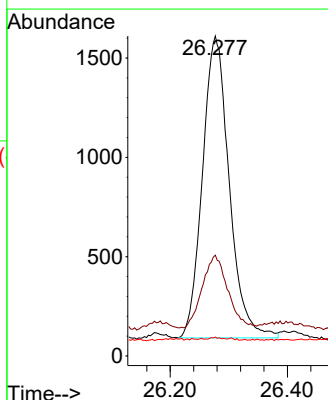
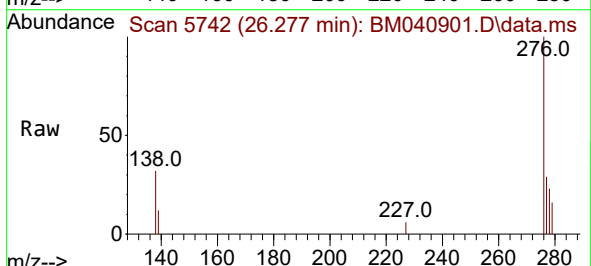
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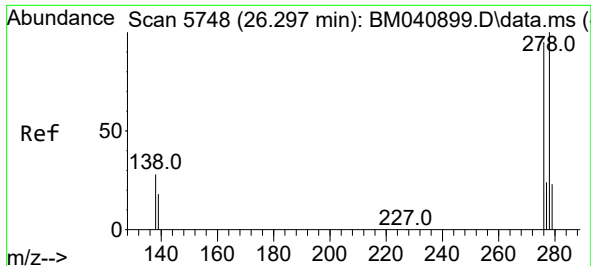
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.277 min Scan# 5742
Delta R.T. -0.013 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

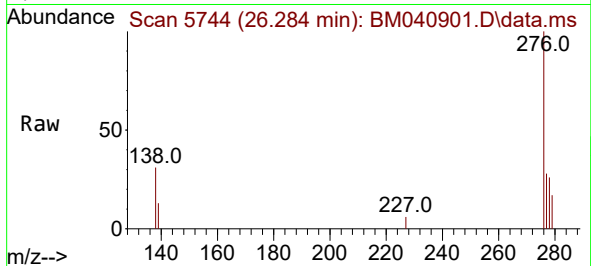
Tgt Ion:276 Resp: 4817
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.284 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

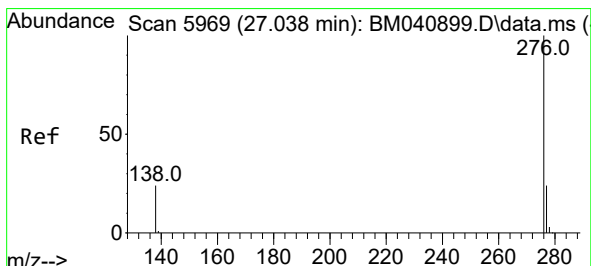
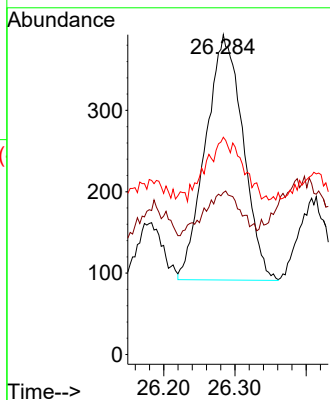
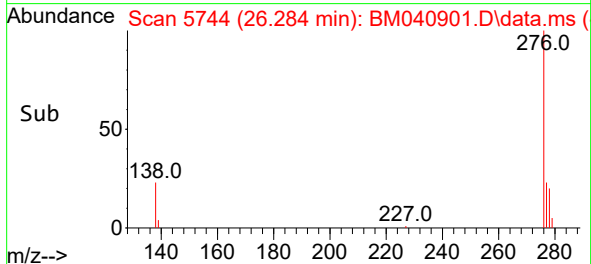
Instrument :
BNA_M
ClientSampleId :
A46H2



Tgt Ion:278 Resp: 110
Ion Ratio Lower Upper
278 100
139 50.6 17.9 26.9
279 67.9 22.0 33.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 27.031 min Scan# 5967
Delta R.T. -0.013 min
Lab File: BM040901.D
Acq: 15 Jul 2023 05:34

Tgt Ion:276 Resp: 5151
Ion Ratio Lower Upper
276 100
138 31.9 23.0 34.6
277 28.2 20.3 30.5

