

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037201.D
 Acq On : 24 Oct 2022 13:39
 Operator : CG/JU
 Sample : N4984-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNM2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 02:23:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	15062	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	9174	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	19592	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	18196	0.400	ng/ul	# 0.00
23) Perylene-d12	23.821	264	15021	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	44809	7.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	10958	0.512	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	32050	0.582	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.251	152	14191	0.360	ng/ul	99
12) Fluorene	15.579	166	2270	0.054	ng/ul#	97
15) Phenanthrene	17.313	178	39989	0.605	ng/ul	99
16) Anthracene	17.402	178	8972	0.171	ng/ul	96
19) Fluoranthene	19.326	202	36470	0.461	ng/ul	98
20) Pyrene	19.689	202	72736m	0.908	ng/ul	
21) Benzo(a)anthracene	21.430	228	36176	0.512	ng/ul	94
22) Chrysene	21.485	228	23309	0.287	ng/ul	98
24) Benzo(b)fluoranthene	23.098	252	15989	0.201	ng/ul	82
25) Benzo(k)fluoranthene	23.136	252	3368m	0.044	ng/ul	
26) Benzo(a)pyrene	23.718	252	14895	0.233	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.269	276	5010	0.056	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.282	278	1641	0.023	ng/ul#	33
29) Benzo(g,h,i)perylene	27.027	276	4695	0.060	ng/ul#	89

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

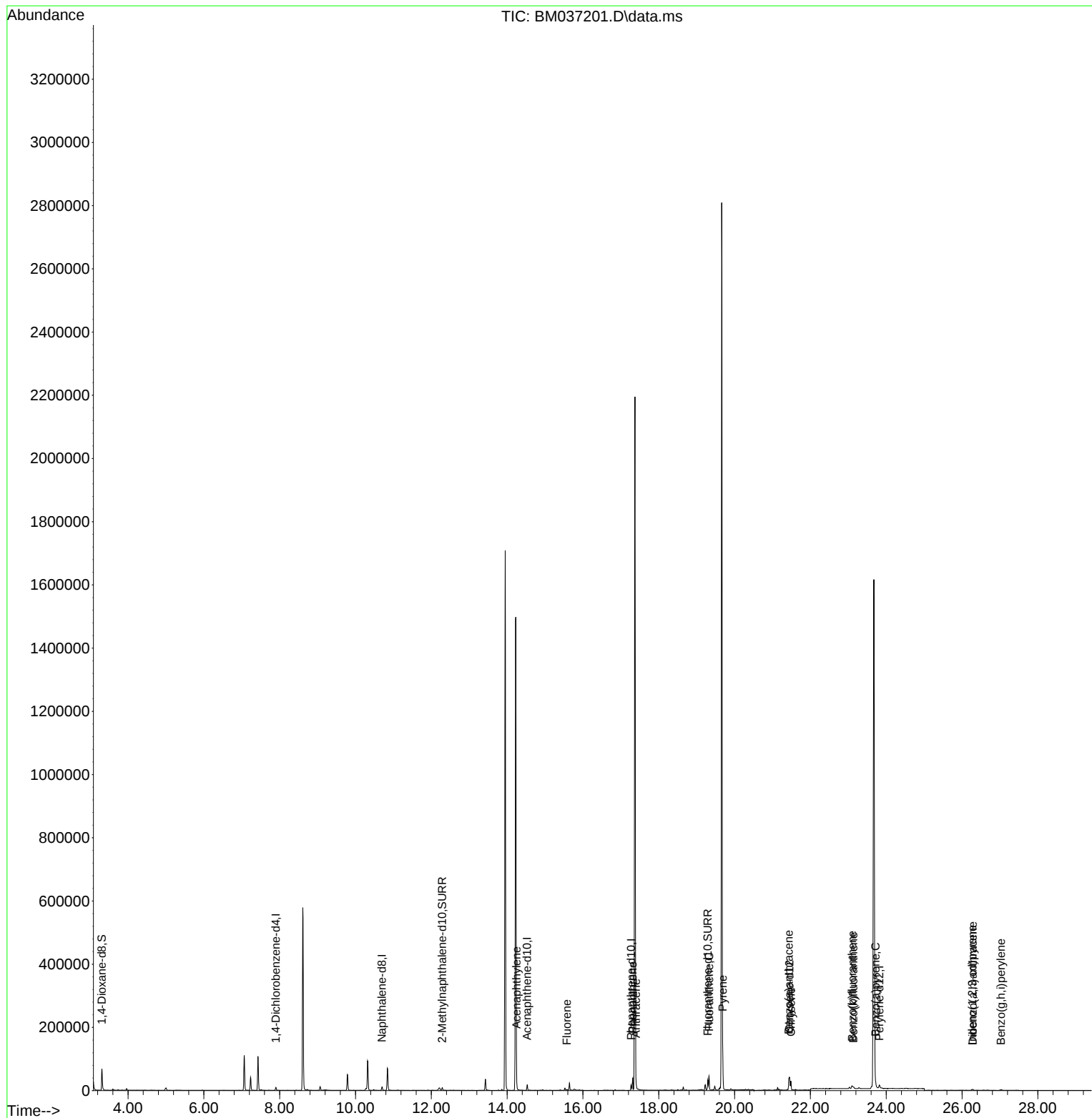
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037201.D
Acq On : 24 Oct 2022 13:39
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

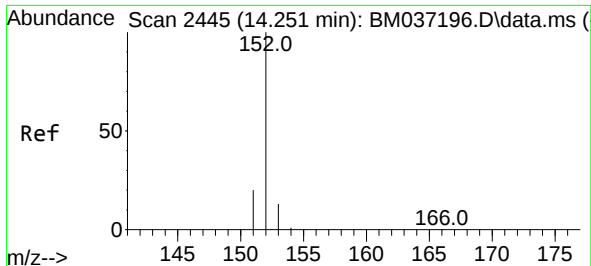
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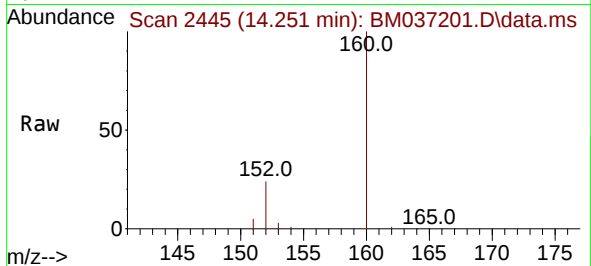
Quant Time: Oct 25 02:23:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

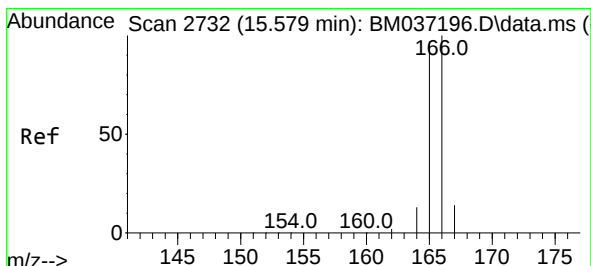
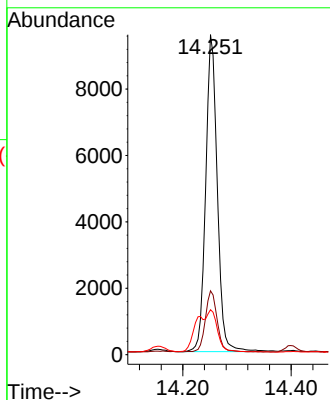
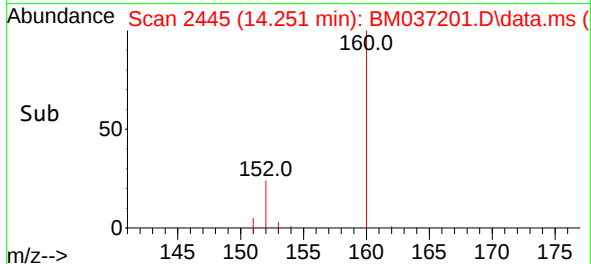
Instrument :
BNA_M
ClientSampleId :
BGNM2



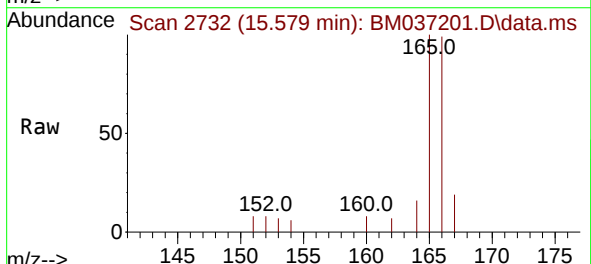
Tgt Ion:152 Resp: 1419
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 14.0 10.8 16.2

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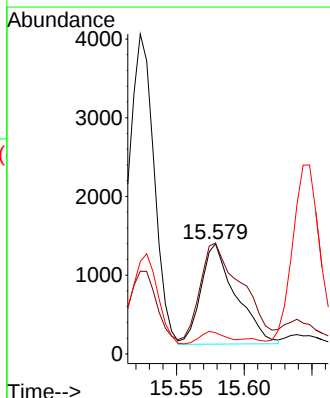
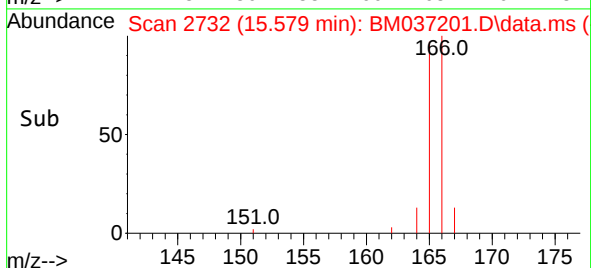
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

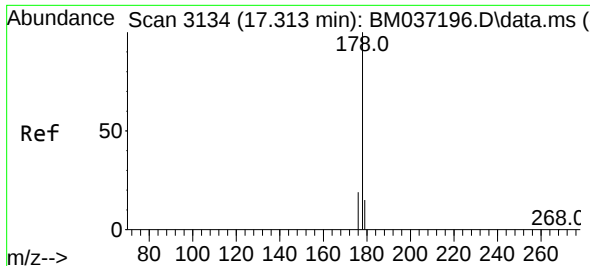


#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39



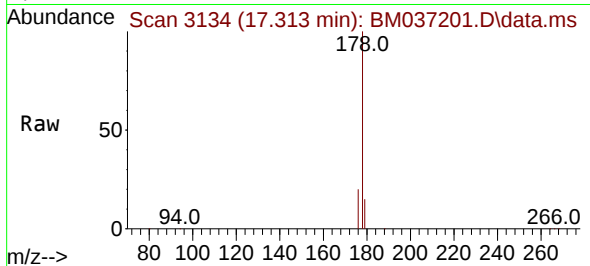
Tgt Ion:166 Resp: 2270
Ion Ratio Lower Upper
166 100
165 100.7 79.4 119.2
167 19.3 11.3 16.9#





#15
Phenanthrene
Concen: 0.605 ng/u1
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

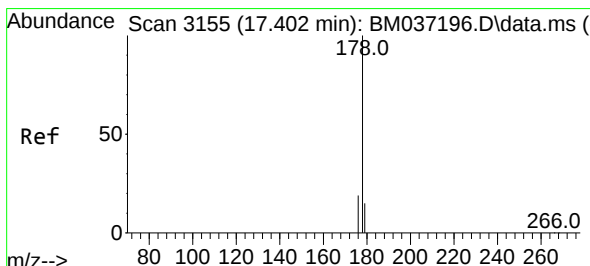
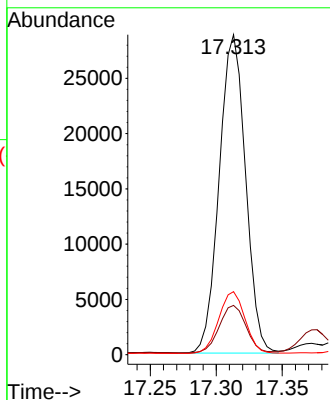
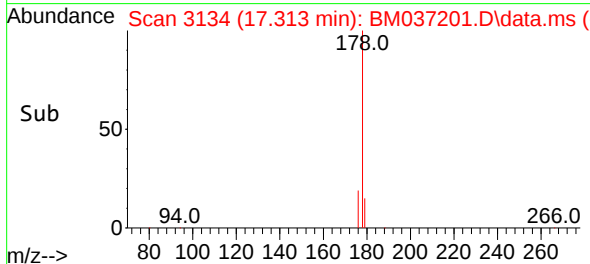
Instrument :
BNA_M
ClientSampleId :
BGNM2



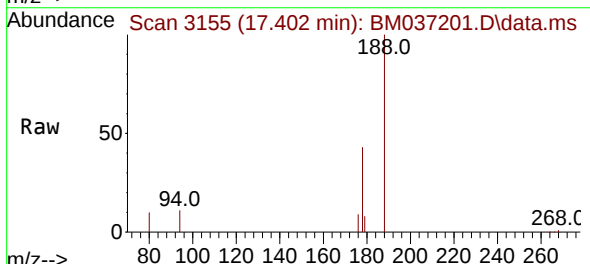
Tgt Ion:178 Resp: 39989
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.7 16.1 24.1

Manual Integrations
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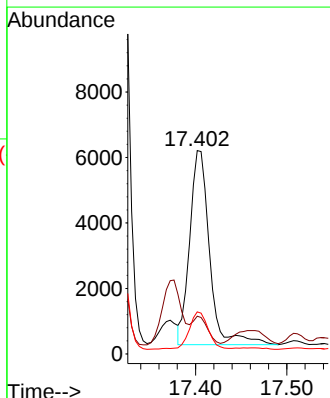
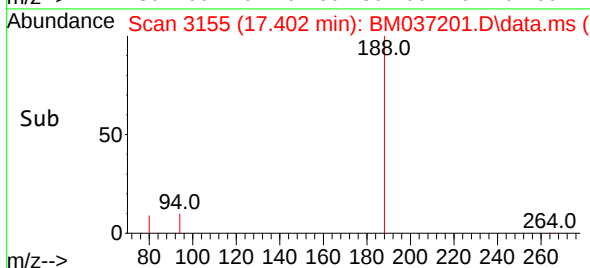
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

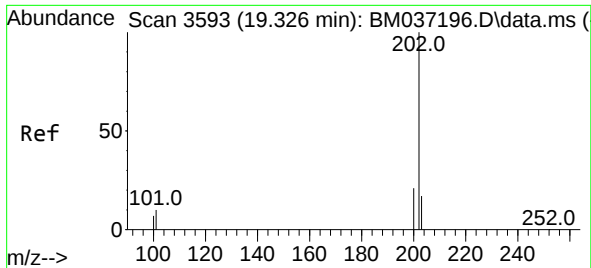


#16
Anthracene
Concen: 0.171 ng/u1
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39



Tgt Ion:178 Resp: 8972
Ion Ratio Lower Upper
178 100
179 18.6 13.1 19.7
176 20.7 15.3 22.9





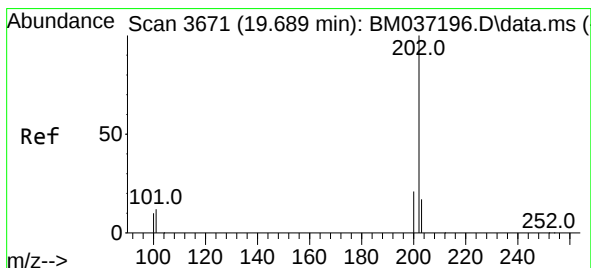
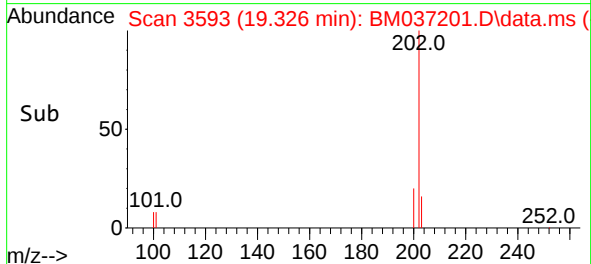
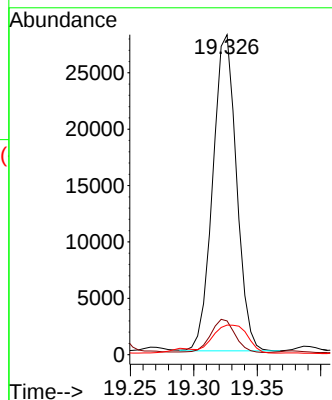
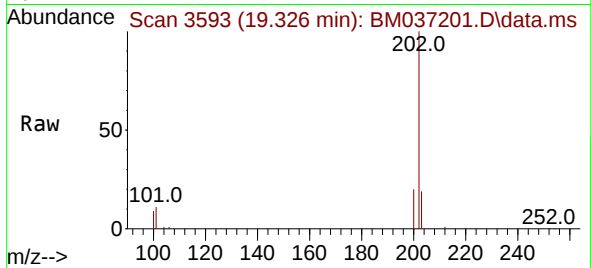
#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

Instrument :
BNA_M
ClientSampleId :
BGNM2

Tgt Ion:202 Resp: 36470
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 9.2 6.9 10.3

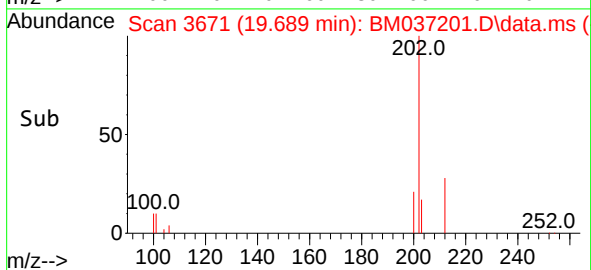
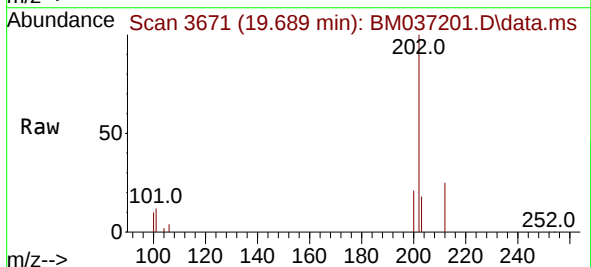
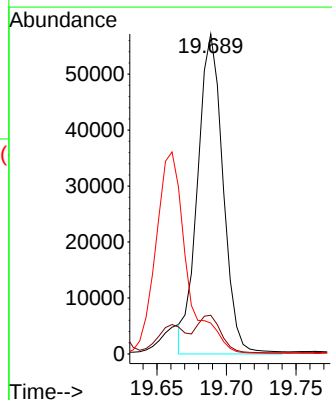
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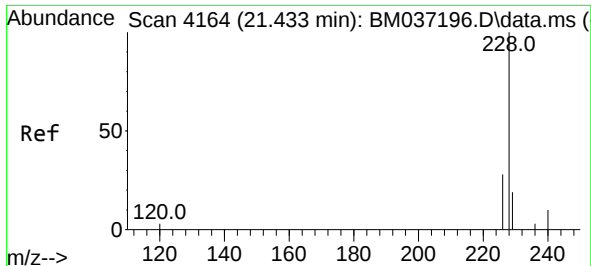
Reviewed By :Jagrut Upadhyay 10/25/2022
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#20
Pyrene
Concen: 0.908 ng/ul m
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

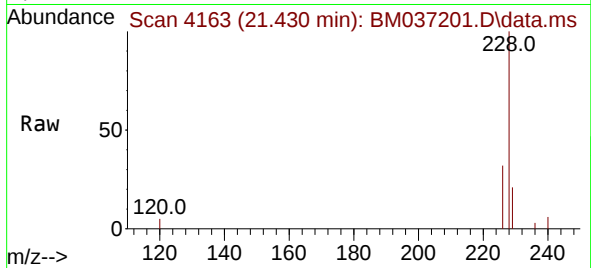
Tgt Ion:202 Resp: 72736
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.6 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.512 ng/ul
RT: 21.430 min Scan# 4164
Delta R.T. -0.002 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

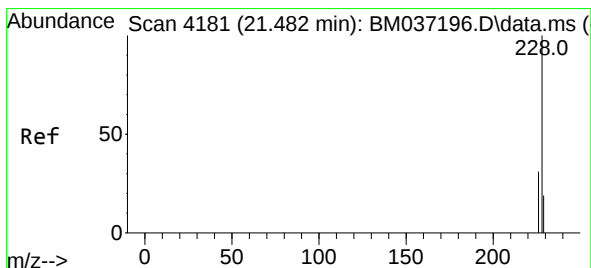
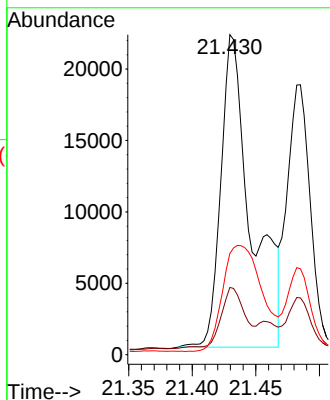
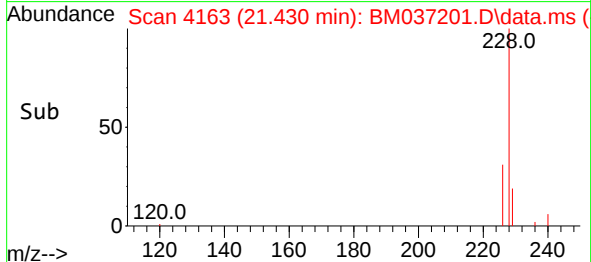
Instrument :
BNA_M
ClientSampleId :
BGNM2



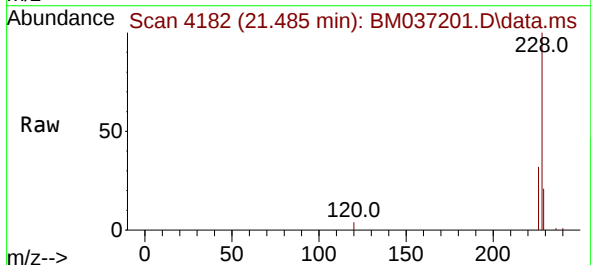
Tgt Ion:228 Resp: 36170
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 31.6 21.8 32.8

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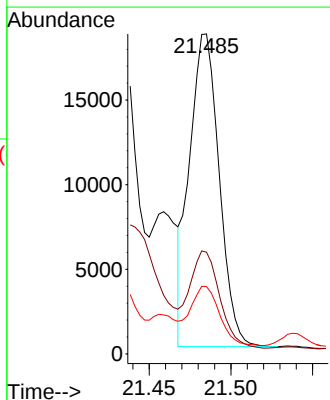
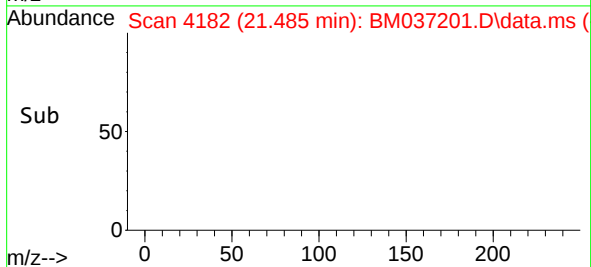
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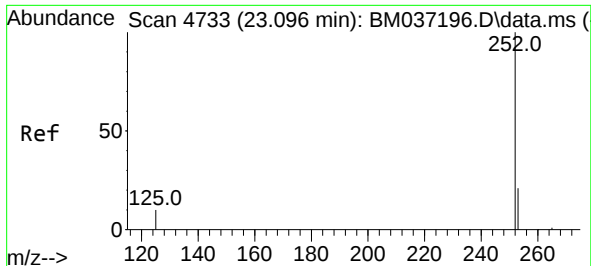


#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39



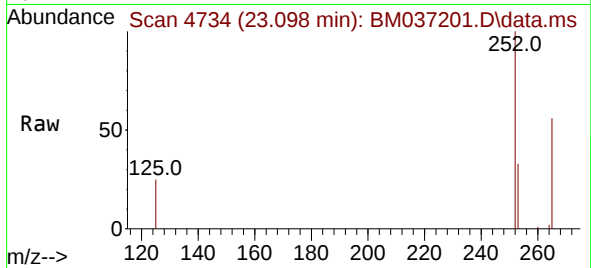
Tgt Ion:228 Resp: 23309
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 21.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.201 ng/ul
RT: 23.098 min Scan# 4733
Delta R.T. 0.004 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

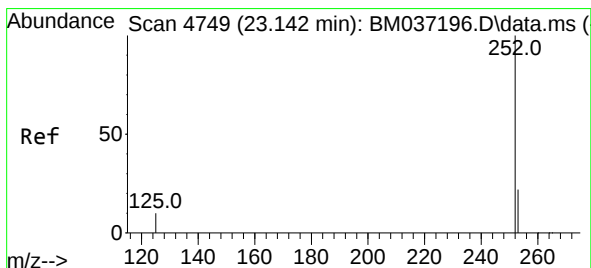
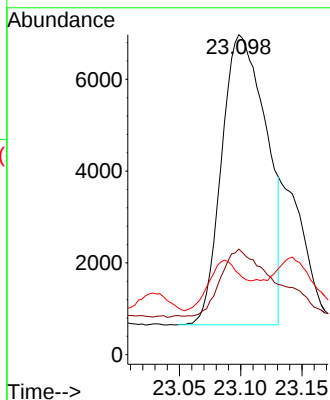
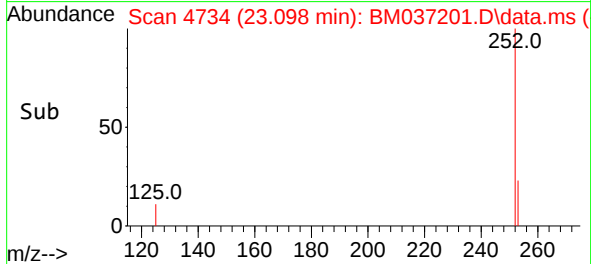
Instrument :
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ClientSampleId :
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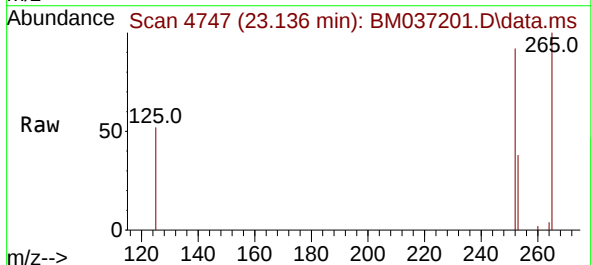
Tgt Ion:252 Resp: 15989
Ion Ratio Lower Upper
252 100
253 33.0 0.0 50.6
125 25.3 0.0 32.6

Manual Integrations
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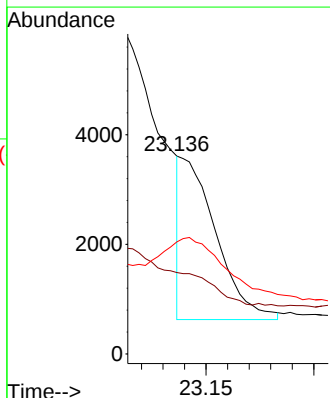
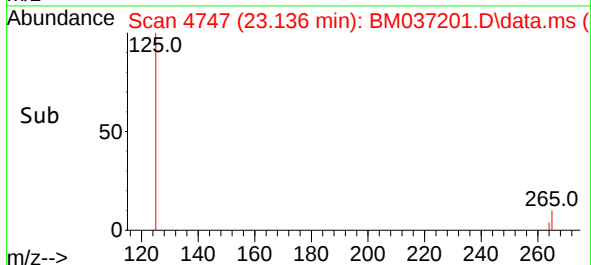
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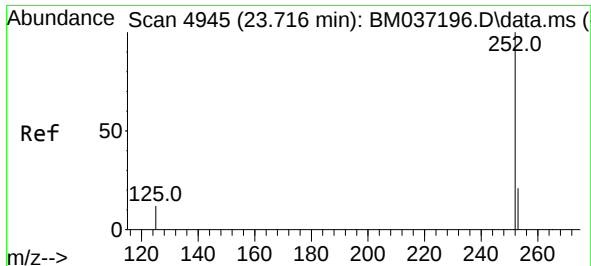


#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.008 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39



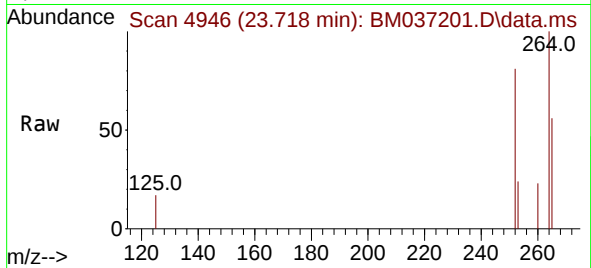
Tgt Ion:252 Resp: 3368
Ion Ratio Lower Upper
252 100
253 41.1 20.6 30.8#
125 56.6 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.233 ng/ul
RT: 23.718 min Scan# 4945
Delta R.T. 0.007 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

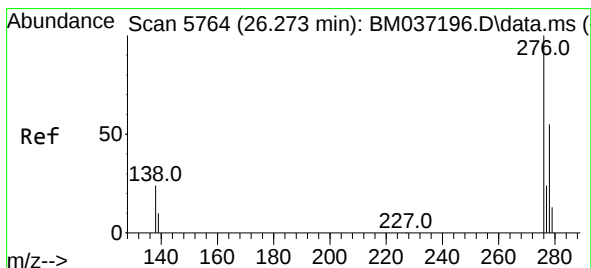
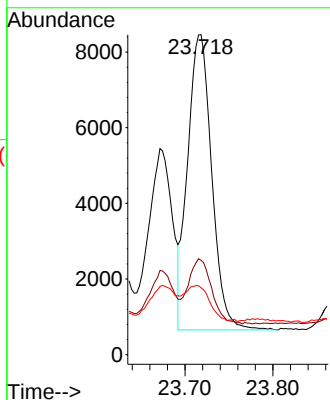
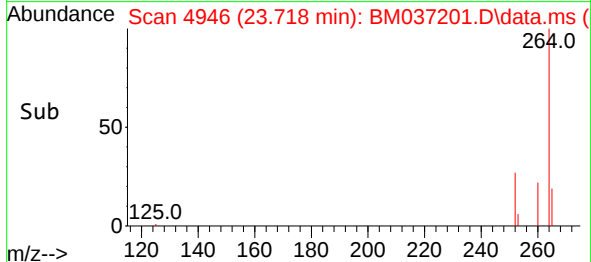
Instrument :
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BGNM2



Tgt Ion:252 Resp: 1489
Ion Ratio Lower Upper
252 100
253 29.5 22.1 33.1
125 20.9 17.6 26.4

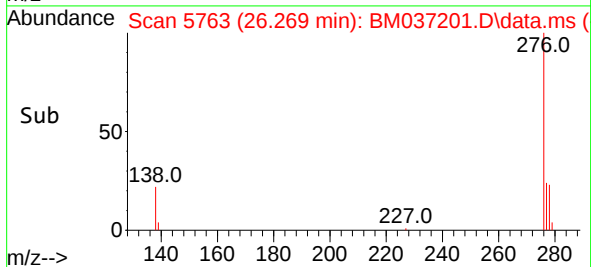
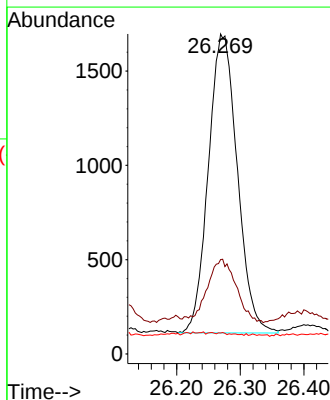
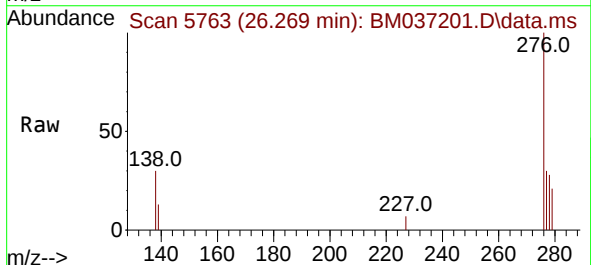
Manual Integrations
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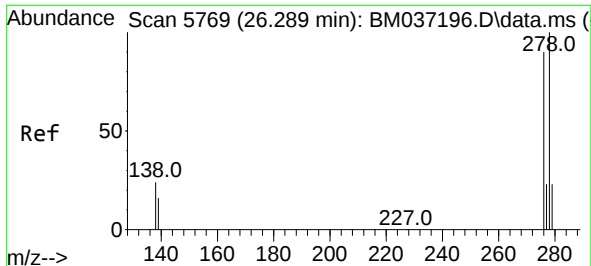
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

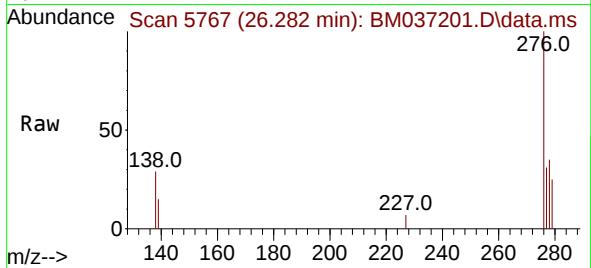
Tgt Ion:276 Resp: 5010
Ion Ratio Lower Upper
276 100
138 21.1 21.4 32.0#
227 0.5 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.282 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39

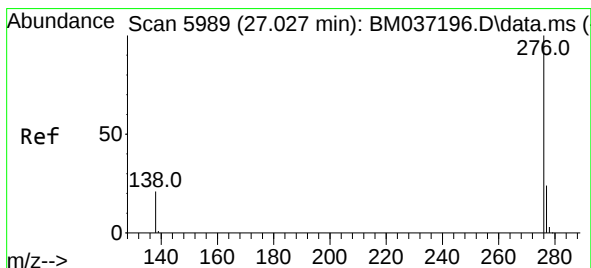
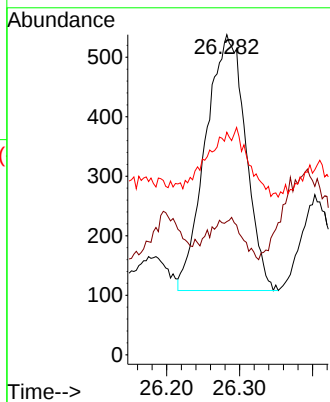
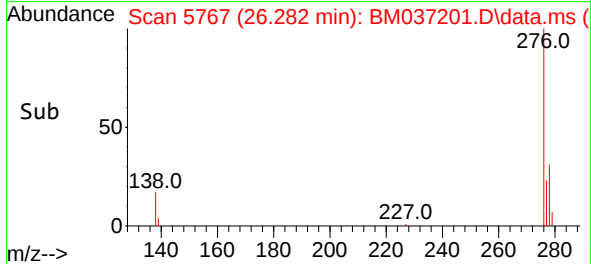
Instrument :
BNA_M
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BGNM2



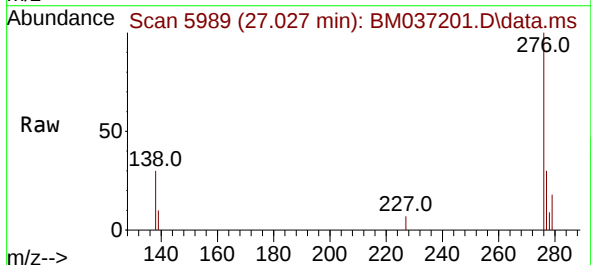
Tgt Ion:278 Resp: 164
Ion Ratio Lower Upper
278 100
139 41.6 16.3 24.5
279 69.5 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.027 min Scan# 5989
Delta R.T. 0.001 min
Lab File: BM037201.D
Acq: 24 Oct 2022 13:39



Tgt Ion:276 Resp: 4695
Ion Ratio Lower Upper
276 100
138 30.3 19.8 29.8#
277 30.2 20.1 30.1#

