

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037203.D
 Acq On : 24 Oct 2022 14:51
 Operator : CG/JU
 Sample : N5064-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ3

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 02:28:04 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	4851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	15185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	9171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	19722	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	16837	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	13982	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	20578	3.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5748	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	15203	0.299	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.748	128	118666	2.638	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	101556	3.771	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	79852	2.905	ng/ul	100
10) Acenaphthylene	14.251	152	79525	2.018	ng/ul	98
11) Acenaphthene	14.593	153	4065	0.114	ng/ul	96
12) Fluorene	15.579	166	5851	0.140	ng/ul#	90
14) Pentachlorophenol	16.925	266	568	0.119	ng/ul	98
15) Phenanthrene	17.313	178	221751	3.331	ng/ul	98
16) Anthracene	17.402	178	55810	1.058	ng/ul	100
19) Fluoranthene	19.326	202	502510	6.870	ng/ul	96
20) Pyrene	19.689	202	466204	6.287	ng/ul	99
21) Benzo(a)anthracene	21.430	228	269693	4.127	ng/ul	96
22) Chrysene	21.482	228	311219	4.140	ng/ul	98
24) Benzo(b)fluoranthene	23.098	252	560647	7.570	ng/ul	93
25) Benzo(k)fluoranthene	23.139	252	174969m	2.445	ng/ul	
26) Benzo(a)pyrene	23.715	252	299174	5.031	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.272	276	227610	2.740	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.282	278	56564	0.863	ng/ul	97
29) Benzo(g,h,i)perylene	27.034	276	208996	2.861	ng/ul	96

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

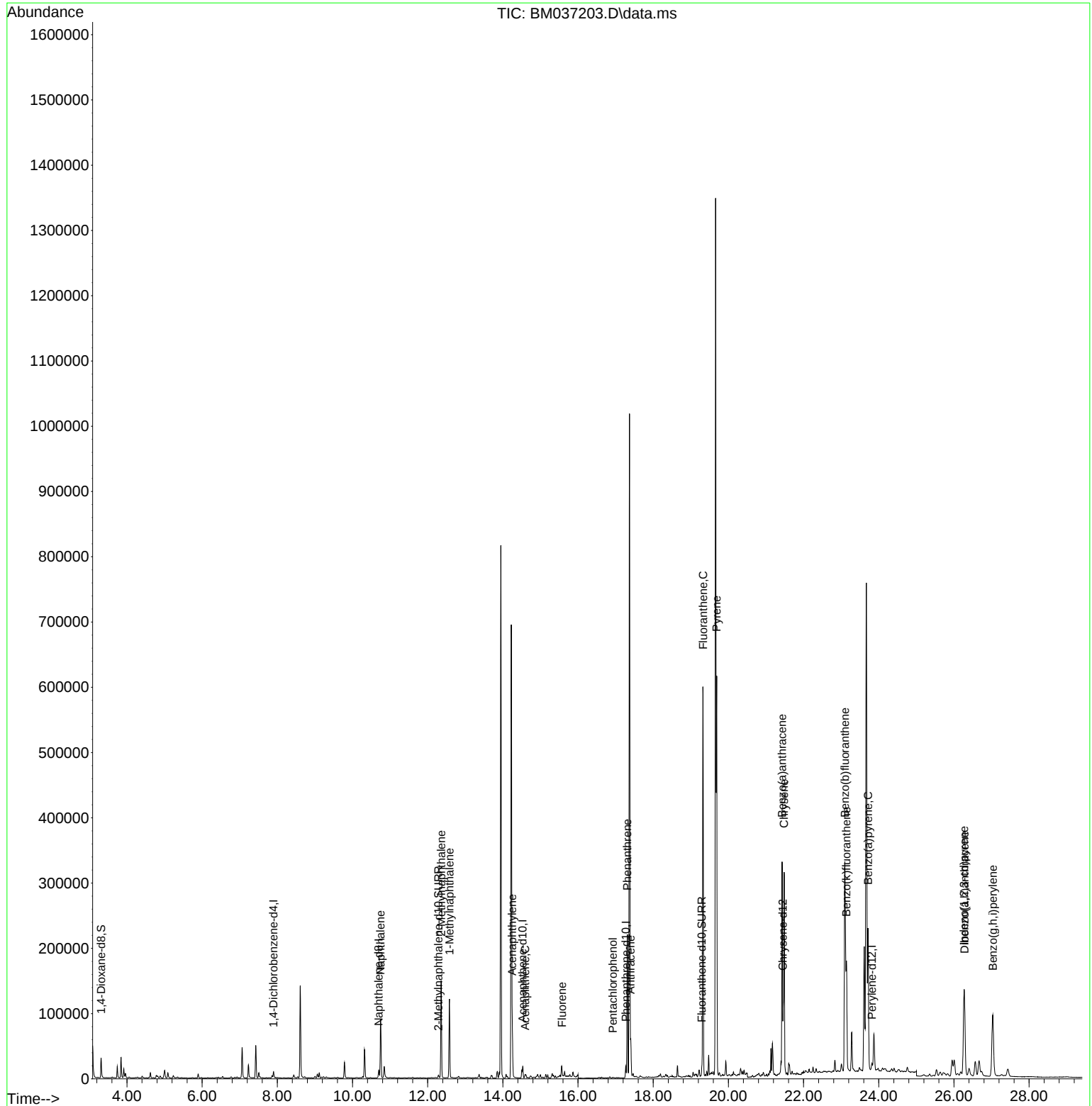
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037203.D
Acq On : 24 Oct 2022 14:51
Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

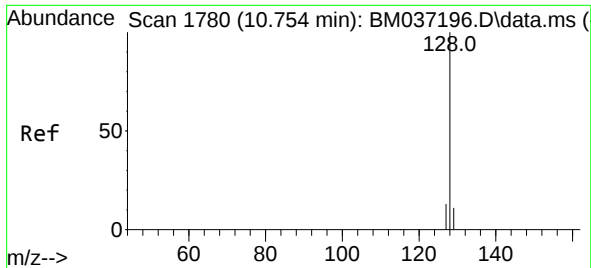
Instrument :
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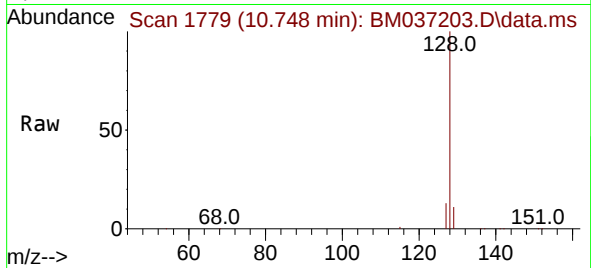
Quant Time: Oct 25 02:28:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.638 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

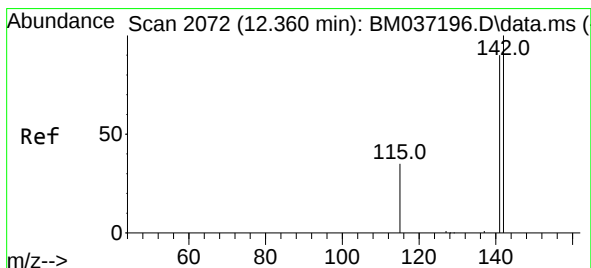
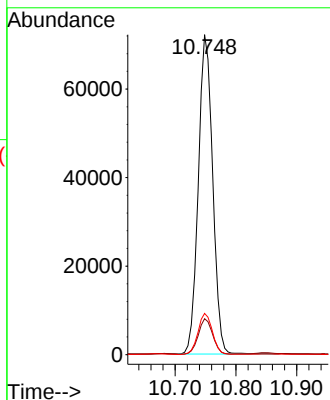
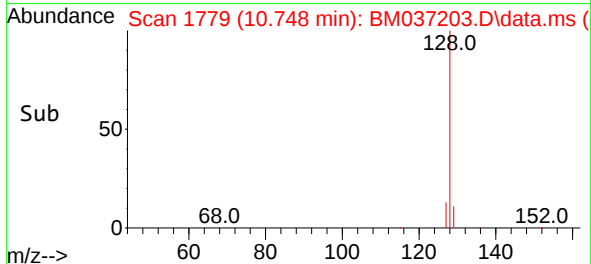
Instrument :
BNA_M
ClientSampleId :
C0BJ3



Tgt Ion:128 Resp: 11866
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 10.5 15.7

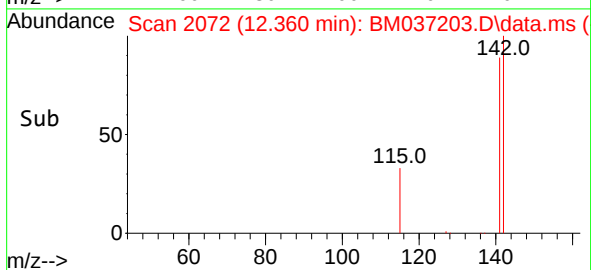
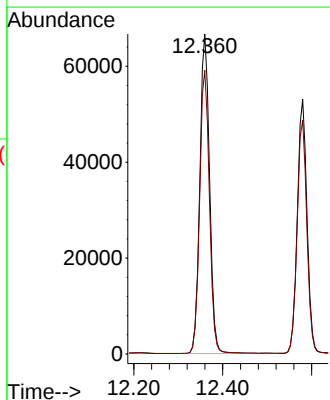
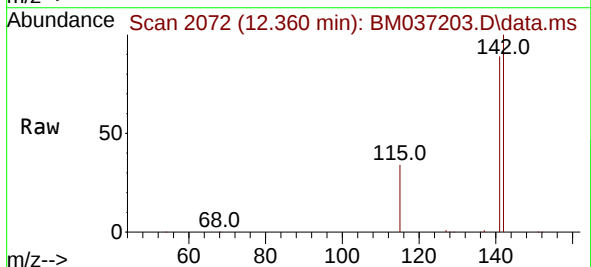
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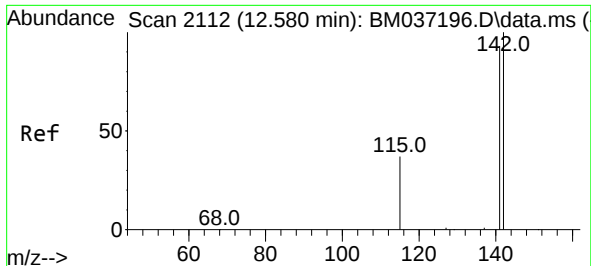
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 3.771 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

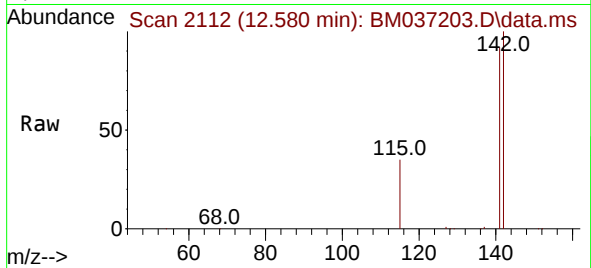
Tgt Ion:142 Resp: 101556
Ion Ratio Lower Upper
142 100
141 89.0 72.8 109.2





#8
1-Methylnaphthalene
Concen: 2.905 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

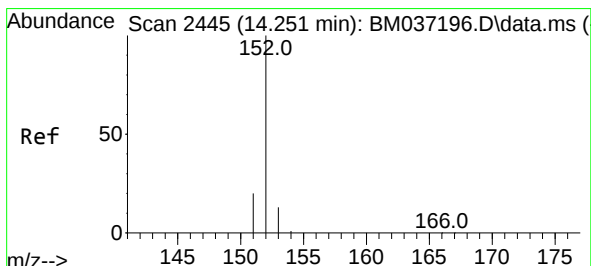
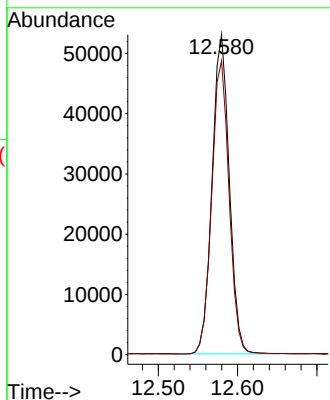
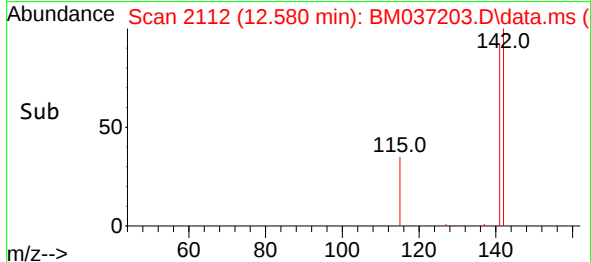
Instrument :
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C0BJ3



Tgt Ion:142 Resp: 79852
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

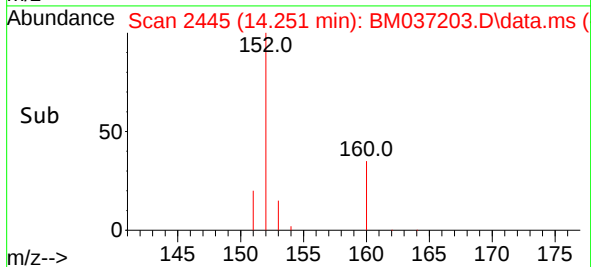
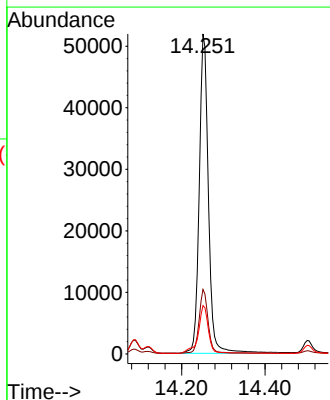
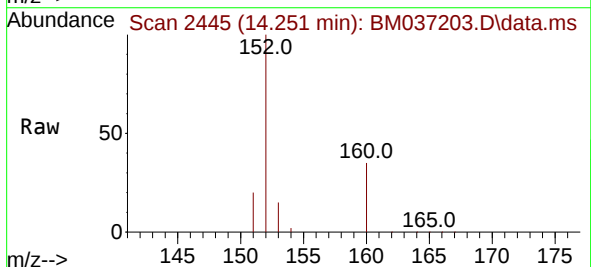
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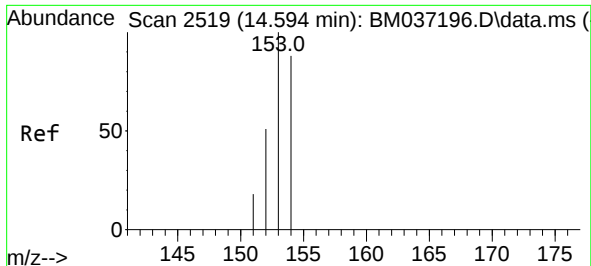
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 2.018 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

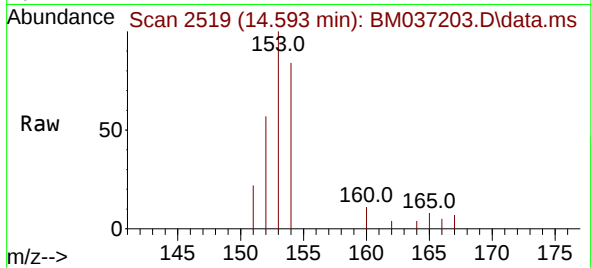
Tgt Ion:152 Resp: 79525
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 15.1 10.8 16.2





#11
Acenaphthene
Concen: 0.114 ng/uI
RT: 14.593 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

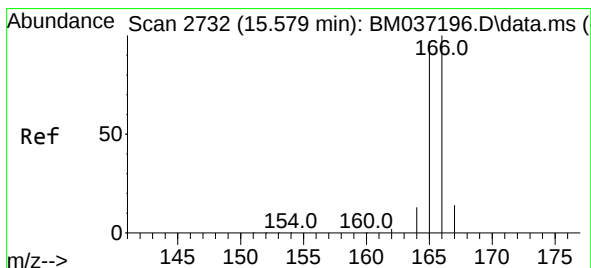
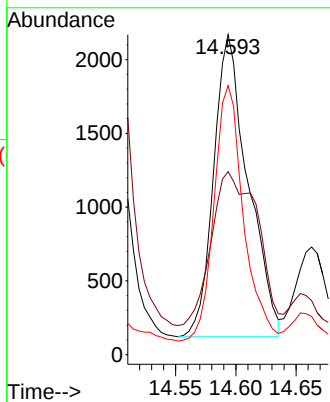
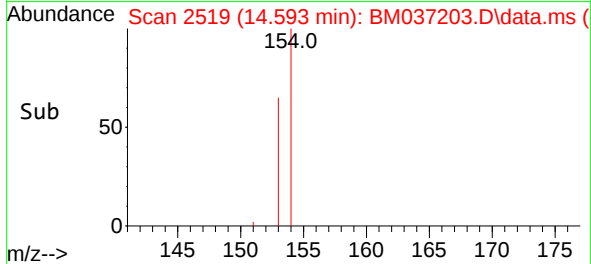
Instrument :
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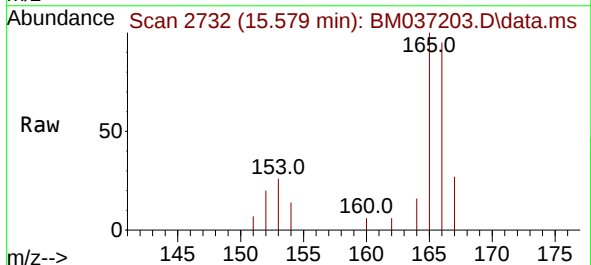
Tgt Ion:153 Resp: 406
Ion Ratio Lower Upper
153 100
152 57.2 43.3 64.9
154 84.1 70.0 105.0

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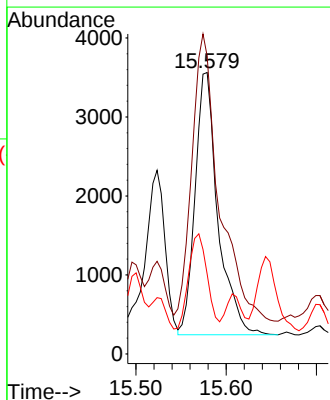
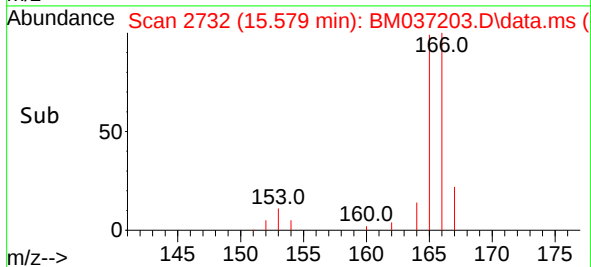
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

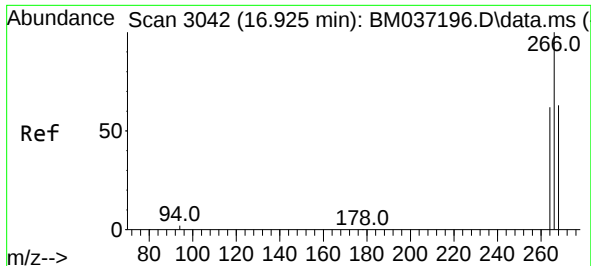


#12
Fluorene
Concen: 0.140 ng/uI
RT: 15.579 min Scan# 2732
Delta R.T. -0.001 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51



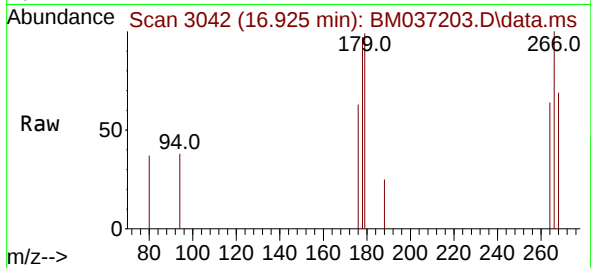
Tgt Ion:166 Resp: 5851
Ion Ratio Lower Upper
166 100
165 105.8 79.4 119.2
167 28.3 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.119 ng/ul
RT: 16.925 min Scan# 3042
Delta R.T. -0.001 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

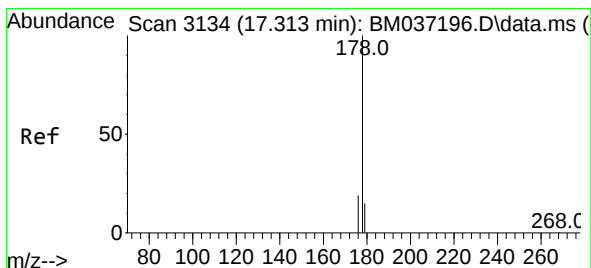
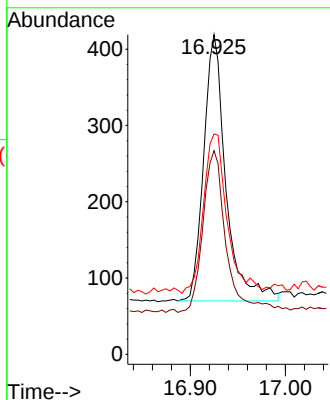
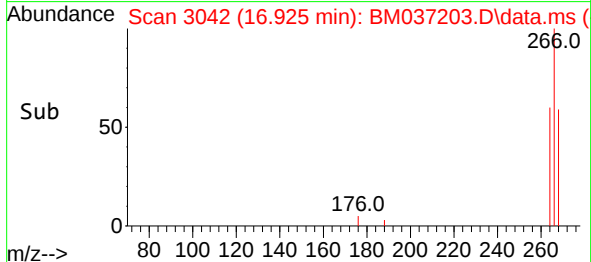
Instrument :
BNA_M
ClientSampleId :
C0BJ3



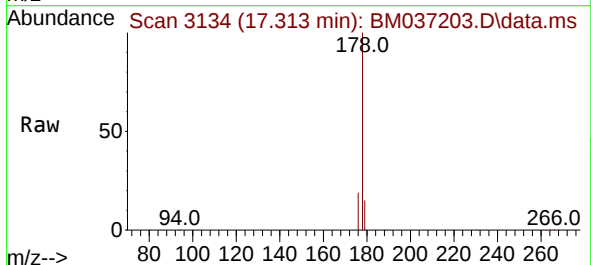
Tgt Ion:266 Resp: 568
Ion Ratio Lower Upper
266 100
264 63.7 49.4 74.0
268 63.6 50.5 75.7

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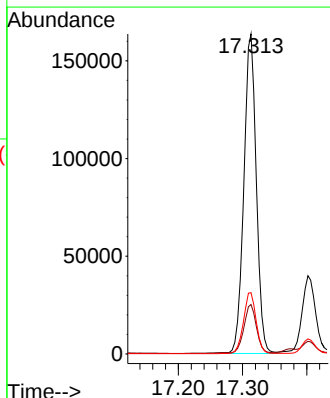
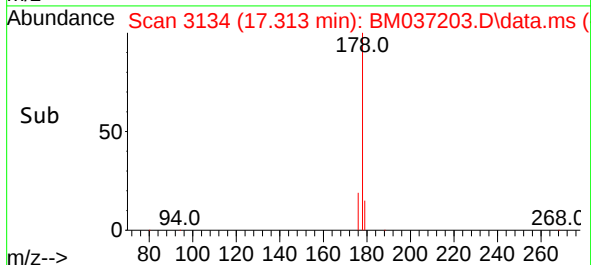
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

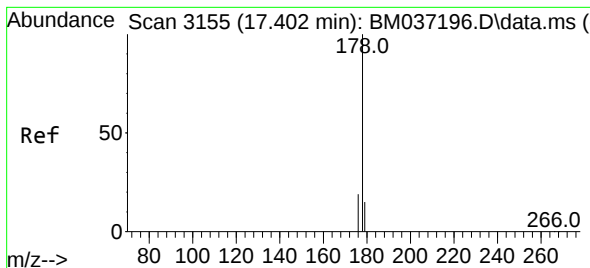


#15
Phenanthrene
Concen: 3.331 ng/ul
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51



Tgt Ion:178 Resp: 221751
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 16.1 24.1





#16

Anthracene

Concen: 1.058 ng/ul

RT: 17.402 min Scan# 3155

Delta R.T. -0.001 min

Lab File: BM037203.D

Acq: 24 Oct 2022 14:51

Instrument :

BNA_M

ClientSampleId :

C0BJ3

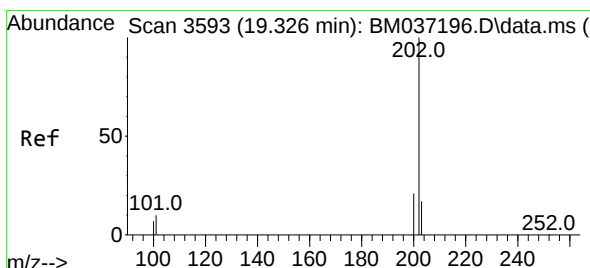
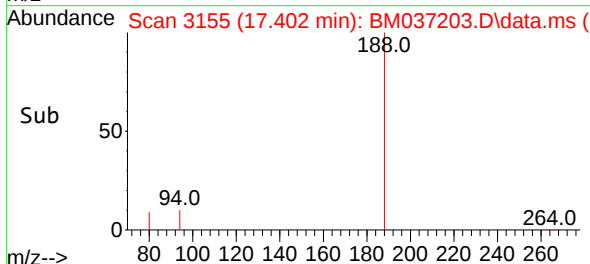
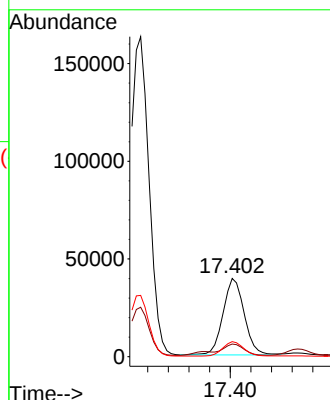
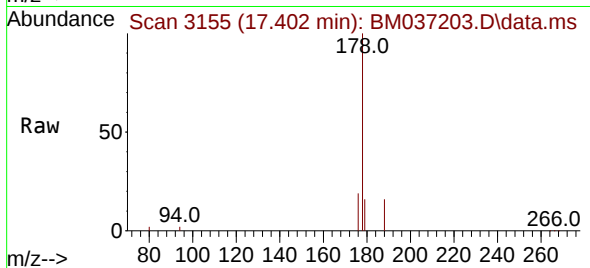
Tgt Ion:178 Resp: 55810

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.1	19.7
176	19.1	15.3	22.9

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#19

Fluoranthene

Concen: 6.870 ng/ul

RT: 19.326 min Scan# 3593

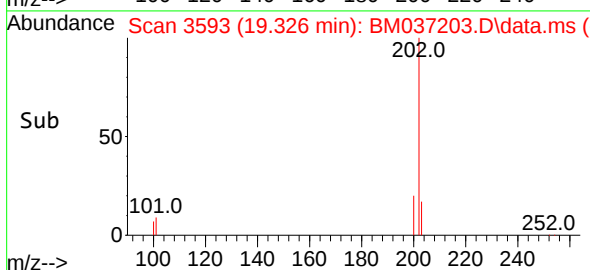
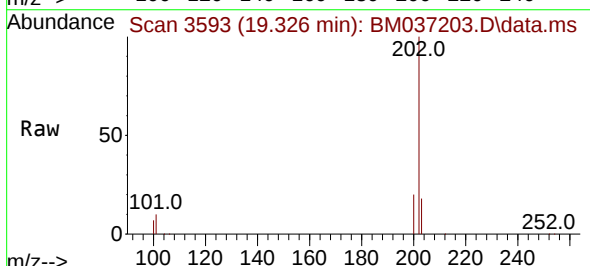
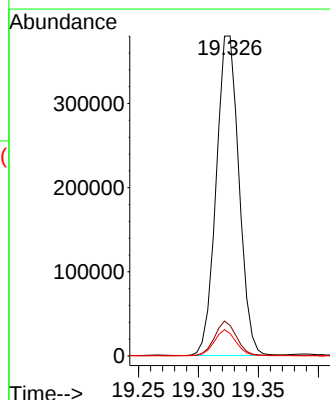
Delta R.T. -0.001 min

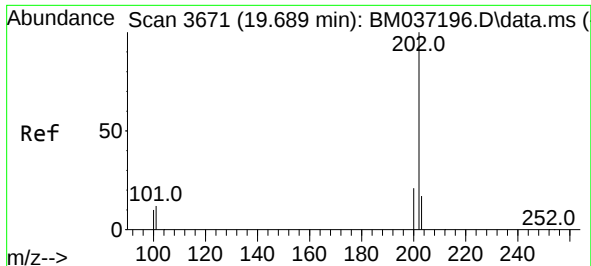
Lab File: BM037203.D

Acq: 24 Oct 2022 14:51

Tgt Ion:202 Resp: 502510

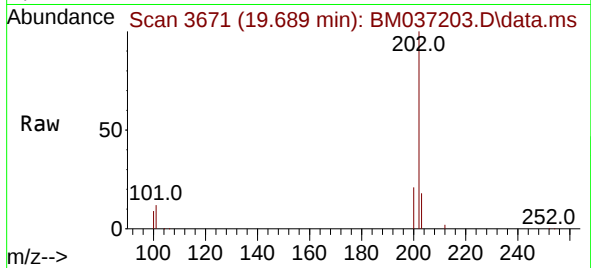
Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.9	13.3
100	7.0	6.9	10.3





#20
Pyrene
Concen: 6.287 ng/u1
RT: 19.689 min Scan# 30
Delta R.T. 0.004 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

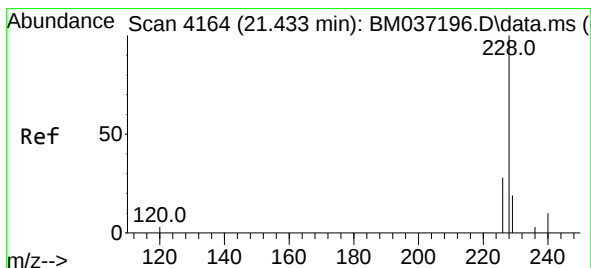
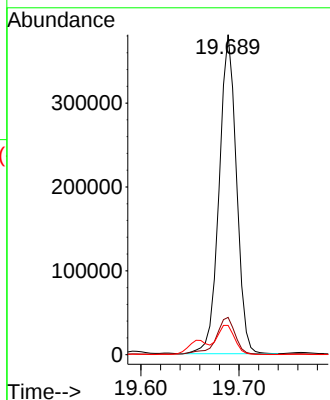
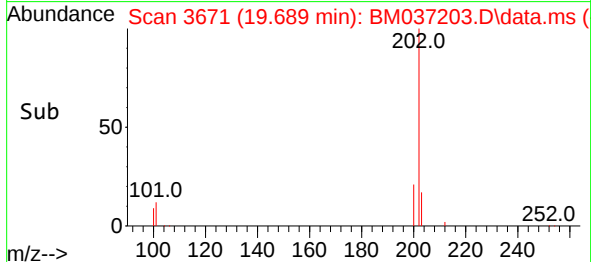
Instrument :
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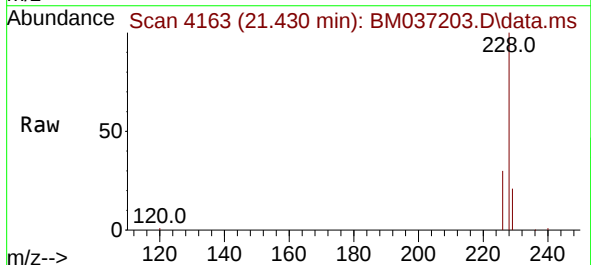
Tgt Ion:202 Resp: 466204
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 9.2 7.8 11.8

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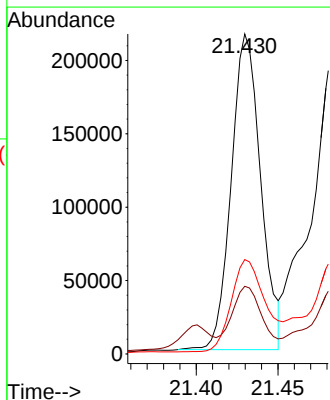
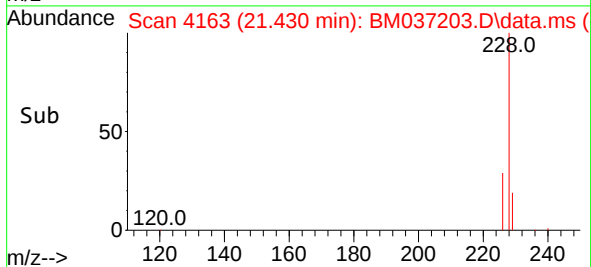
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

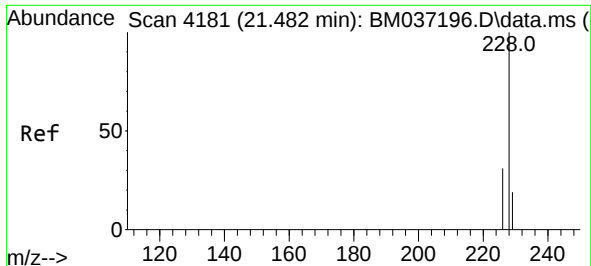


#21
Benzo(a)anthracene
Concen: 4.127 ng/u1
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51



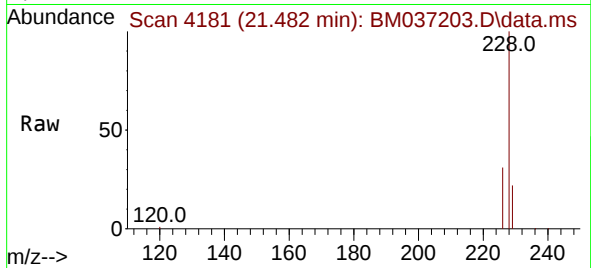
Tgt Ion:228 Resp: 269693
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.5 21.8 32.8





#22
Chrysene
Concen: 4.140 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

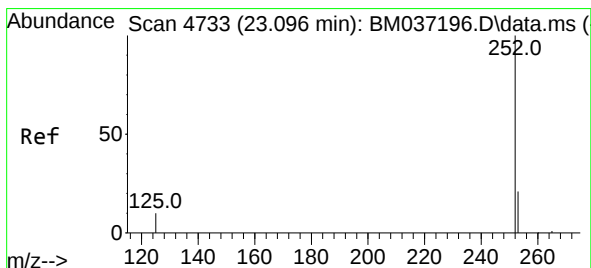
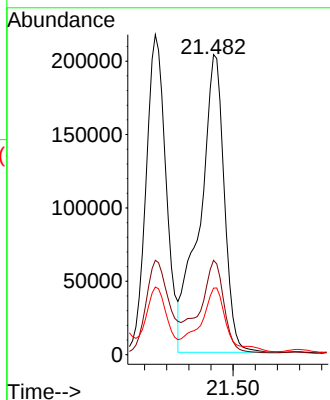
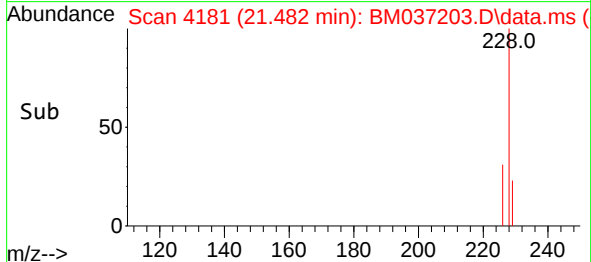
Instrument :
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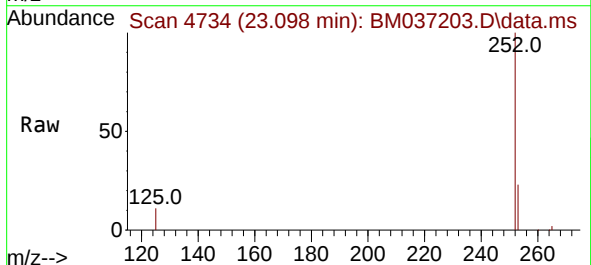
Tgt Ion:228 Resp: 311219
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.2 16.0 24.0

Manual Integrations
APPROVED

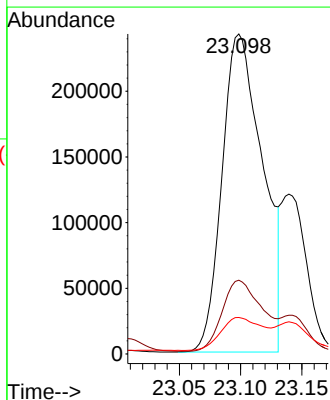
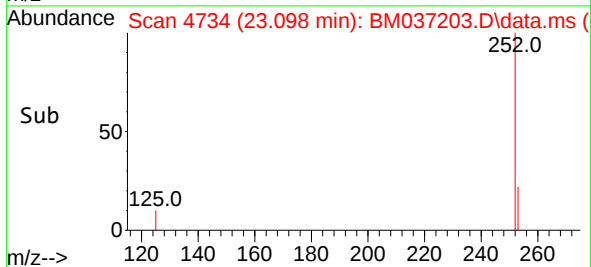
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

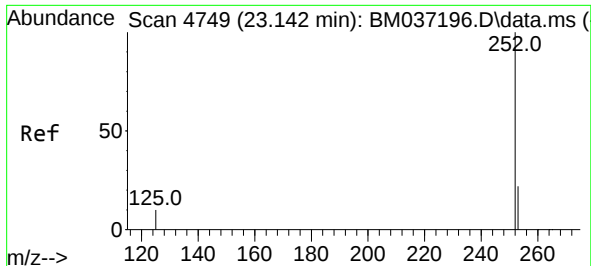


#24
Benzo(b)fluoranthene
Concen: 7.570 ng/ul
RT: 23.098 min Scan# 4734
Delta R.T. 0.004 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51



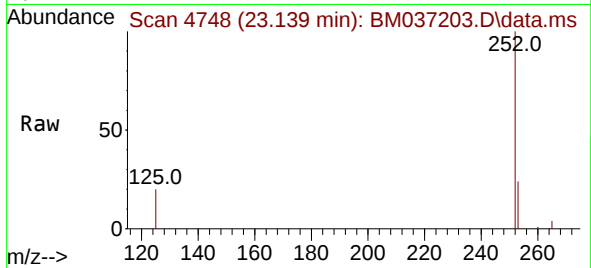
Tgt Ion:252 Resp: 560647
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.6
125 11.4 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 2.445 ng/ul m
RT: 23.139 min Scan# 4749
Delta R.T. -0.005 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51

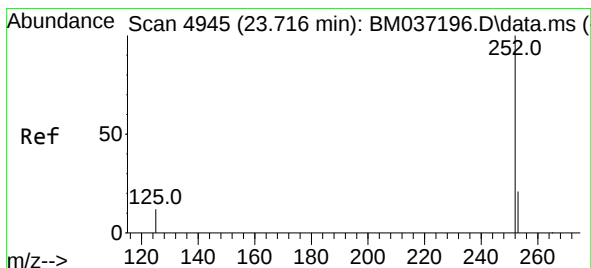
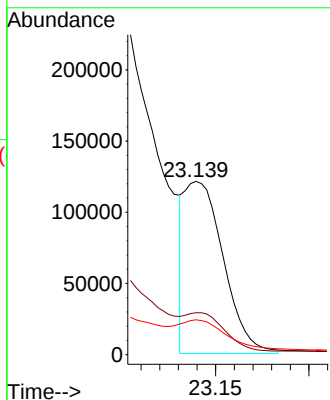
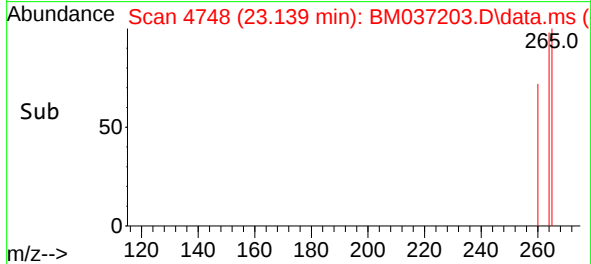
Instrument :
BNA_M
ClientSampleId :
C0BJ3



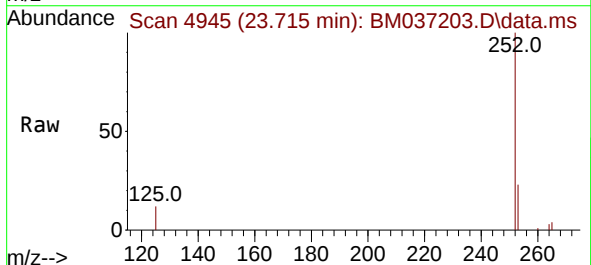
Tgt Ion:252 Resp: 174969
Ion Ratio Lower Upper
252 100
253 24.2 20.6 30.8
125 20.1 13.3 19.9

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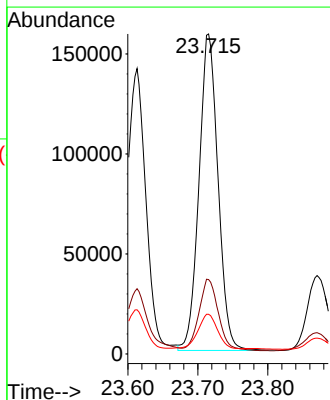
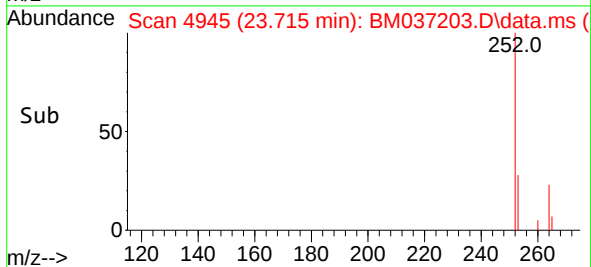
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

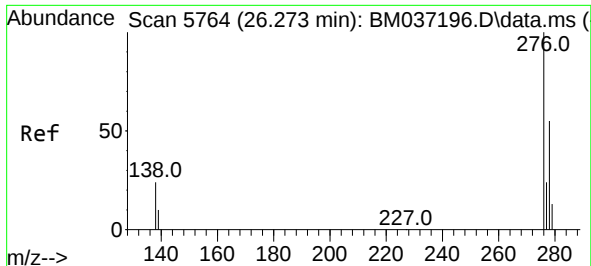


#26
Benzo(a)pyrene
Concen: 5.031 ng/ul
RT: 23.715 min Scan# 4945
Delta R.T. 0.004 min
Lab File: BM037203.D
Acq: 24 Oct 2022 14:51



Tgt Ion:252 Resp: 299174
Ion Ratio Lower Upper
252 100
253 23.3 22.1 33.1
125 12.4 17.6 26.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.740 ng/ul

RT: 26.272 min Scan# 5764

Delta R.T. -0.002 min

Lab File: BM037203.D

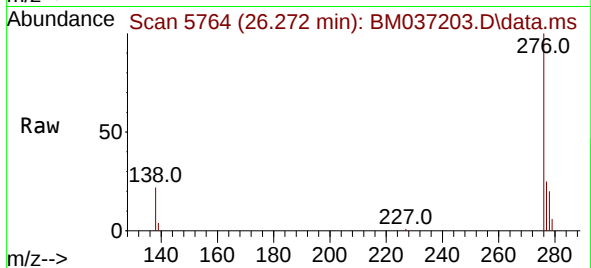
Acq: 24 Oct 2022 14:51

Instrument :

BNA_M

ClientSampleId :

C0BJ3



Tgt Ion:276 Resp: 227610

Ion Ratio Lower Upper

276 100

138 21.2 21.4 32.0

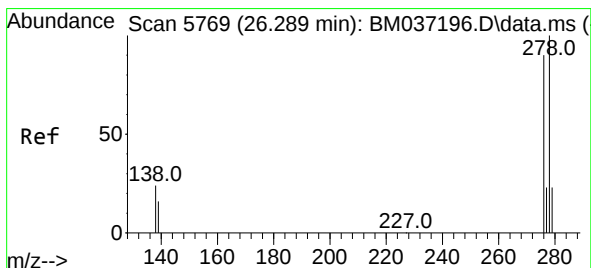
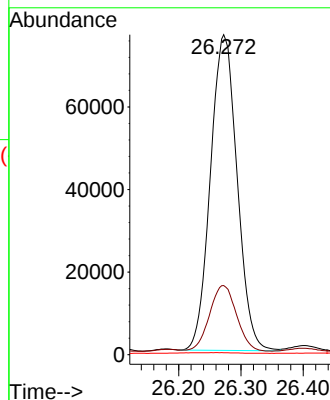
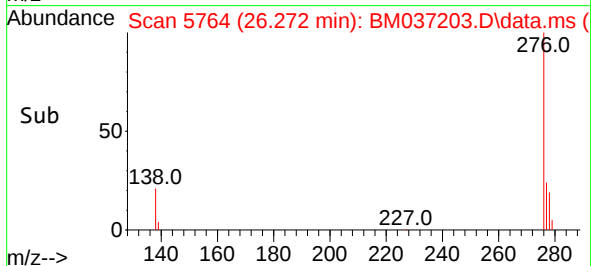
227 0.4 0.1 0.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/25/2022

Supervised By :mohammad ahmed 10/27/2022



#28

Dibenzo(a,h)anthracene

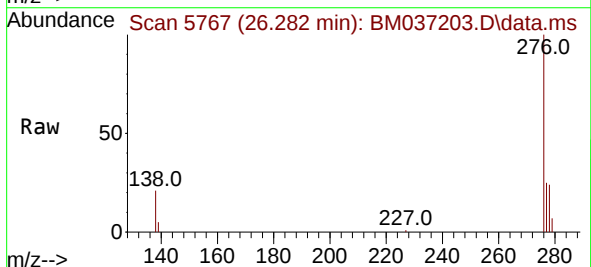
Concen: 0.863 ng/ul

RT: 26.282 min Scan# 5767

Delta R.T. -0.009 min

Lab File: BM037203.D

Acq: 24 Oct 2022 14:51



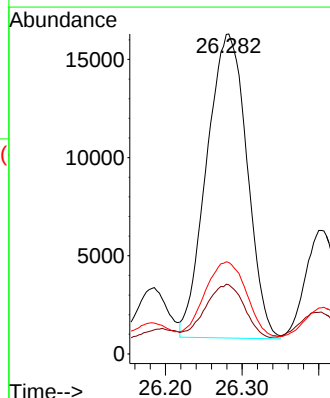
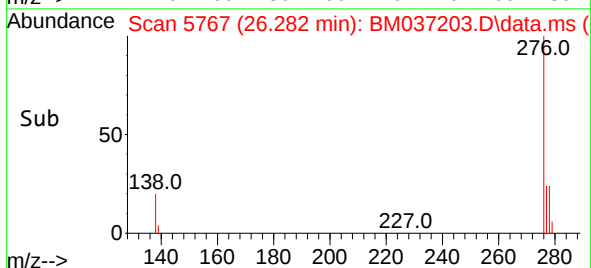
Tgt Ion:278 Resp: 56564

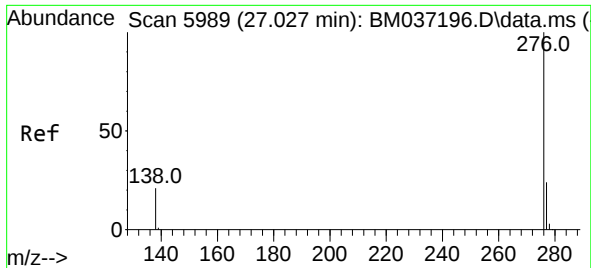
Ion Ratio Lower Upper

278 100

139 21.6 16.3 24.5

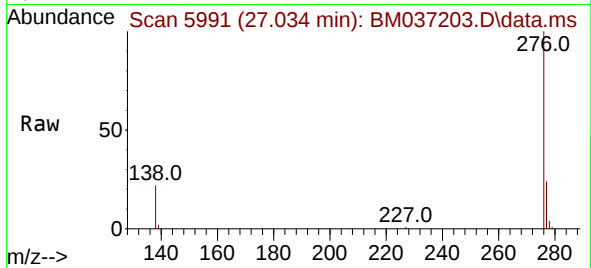
279 28.6 21.5 32.3





#29
 Benzo(g,h,i)perylene
 Concen: 2.861 ng/ul
 RT: 27.034 min Scan# 5991
 Delta R.T. 0.008 min
 Lab File: BM037203.D
 Acq: 24 Oct 2022 14:51

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ3



Tgt Ion:276 Resp: 208990
 Ion Ratio Lower Upper
 276 100
 138 21.7 19.8 29.8
 277 24.0 20.1 30.1

Manual Integrations
 APPROVED

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

