

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037186.D
 Acq On : 22 Oct 2022 03:08
 Operator : CG/JU
 Sample : N5064-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 04:15:58 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	4978	0.400	ng/u1	0.00
4) Naphthalene-d8	10.699	136	15495	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.529	164	9446	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.271	188	20182	0.400	ng/u1	0.00
17) Chrysene-d12	21.444	240	16137	0.400	ng/u1	0.00
23) Perylene-d12	23.818	264	13539	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	21650	3.567	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5998	0.272	ng/u1	0.00
18) Fluoranthene-d10	19.294	212	15796	0.324	ng/u1	0.00
Target Compounds						Qvalue
5) Naphthalene	10.748	128	124401	2.711	ng/u1	99
7) 2-Methylnaphthalene	12.360	142	106439	3.873	ng/u1	98
8) 1-Methylnaphthalene	12.580	142	84035	2.996	ng/u1	100
10) Acenaphthylene	14.251	152	82251	2.027	ng/u1	98
11) Acenaphthene	14.593	153	4276	0.117	ng/u1	97
12) Fluorene	15.574	166	6263	0.146	ng/u1#	83
14) Pentachlorophenol	16.925	266	637	0.130	ng/u1	99
15) Phenanthrene	17.309	178	233607	3.429	ng/u1	99
16) Anthracene	17.402	178	59086	1.095	ng/u1	99
19) Fluoranthene	19.322	202	528735	7.542	ng/u1	99
20) Pyrene	19.689	202	494010	6.951	ng/u1	98
21) Benzo(a)anthracene	21.430	228	280044	4.472	ng/u1	96
22) Chrysene	21.479	228	325506	4.517	ng/u1	98
24) Benzo(b)fluoranthene	23.096	252	565857	7.890	ng/u1	93
25) Benzo(k)fluoranthene	23.136	252	181942m	2.625	ng/u1	
26) Benzo(a)pyrene	23.712	252	301459	5.235	ng/u1#	87
27) Indeno(1,2,3-cd)pyrene	26.269	276	228922	2.846	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.276	278	56545	0.891	ng/u1	96
29) Benzo(g,h,i)perylene	27.030	276	210131	2.970	ng/u1	97

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

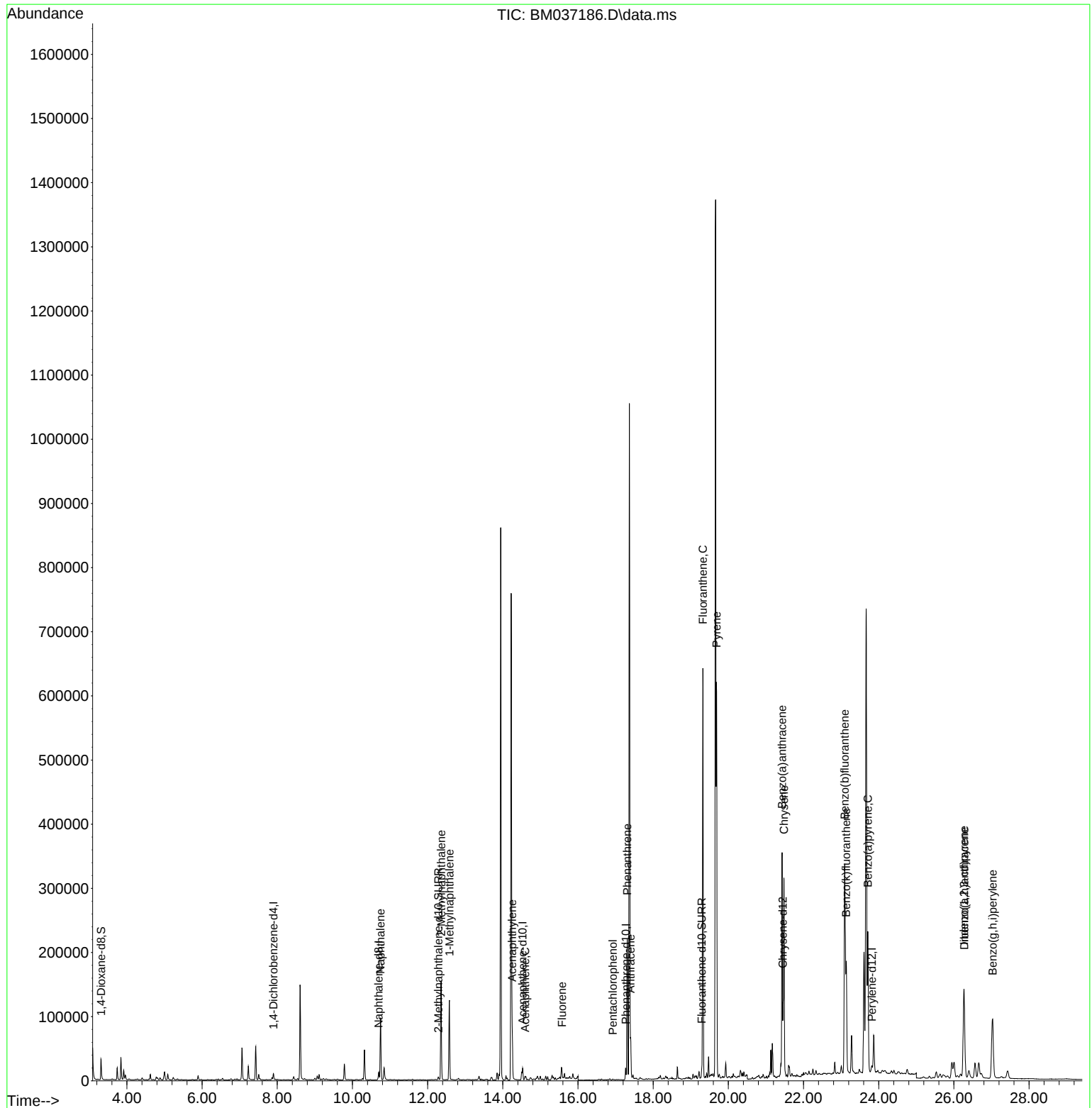
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037186.D
Acq On : 22 Oct 2022 03:08
Operator : CG/JU
Sample : N5064-03
Misc :
ALS Vial : 58 Sample Multiplier: 1

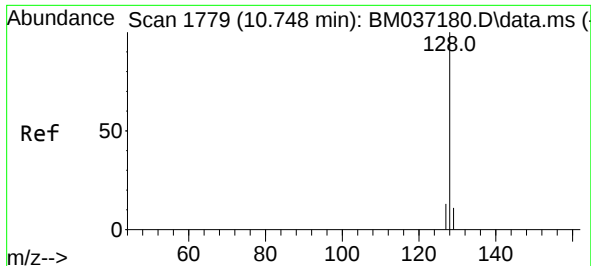
Instrument :
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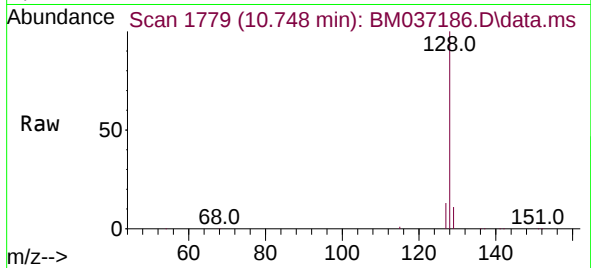
Quant Time: Oct 22 04:15:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.711 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

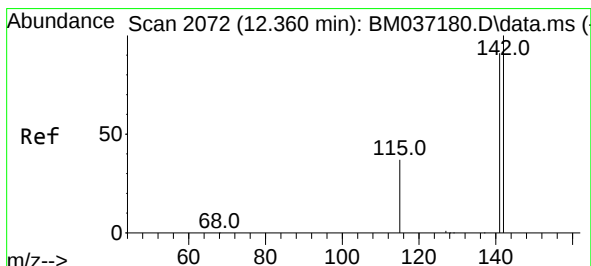
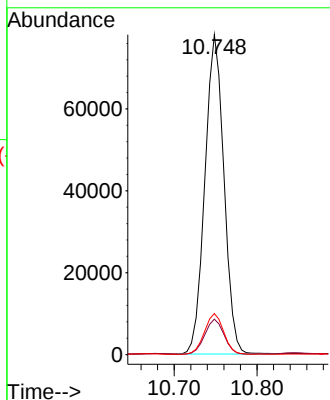
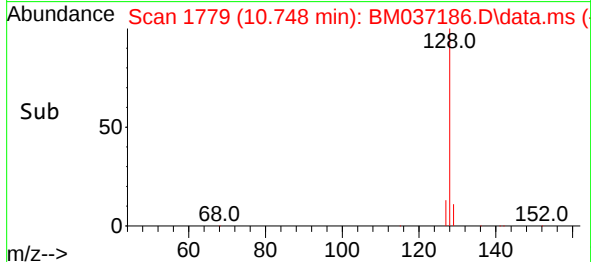
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BNA_M
ClientSampleId :
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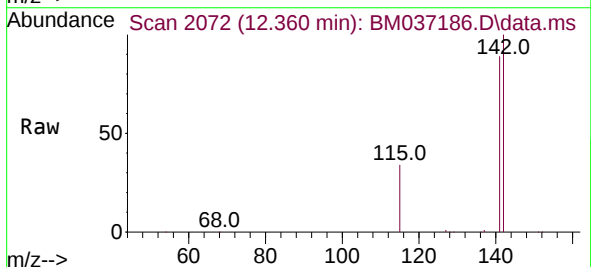
Tgt Ion:128 Resp: 124401
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.8 10.5 15.7

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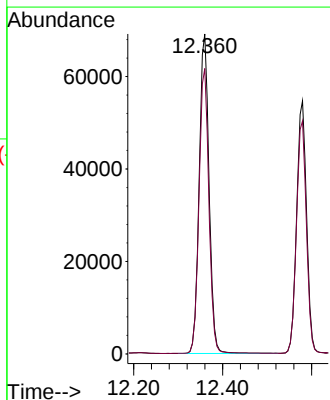
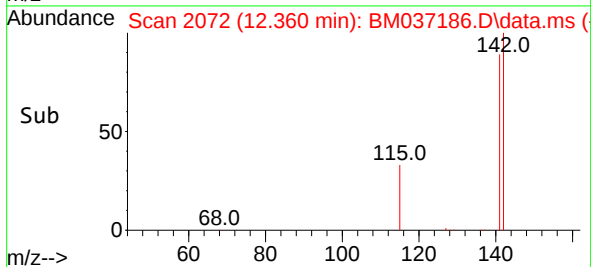
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

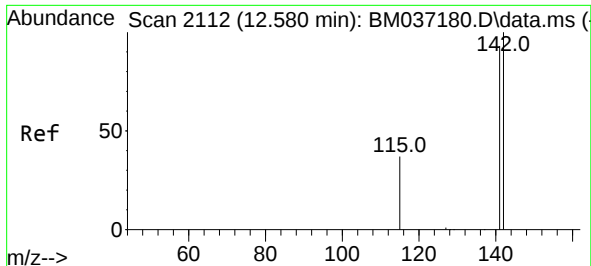


#7
2-Methylnaphthalene
Concen: 3.873 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08



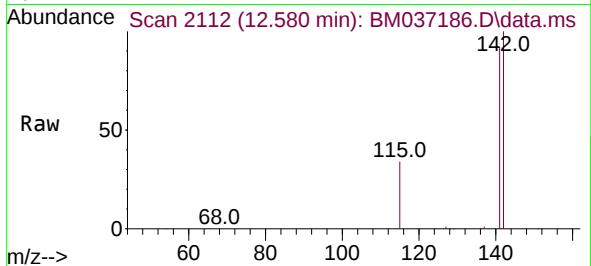
Tgt Ion:142 Resp: 106439
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 2.996 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

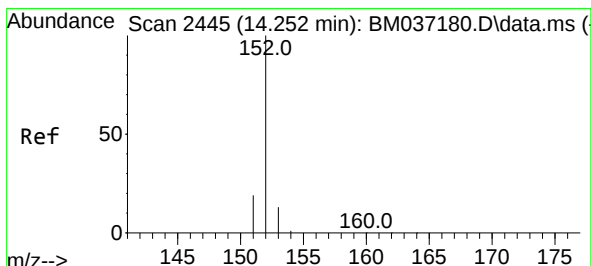
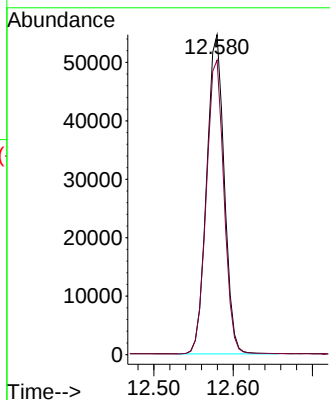
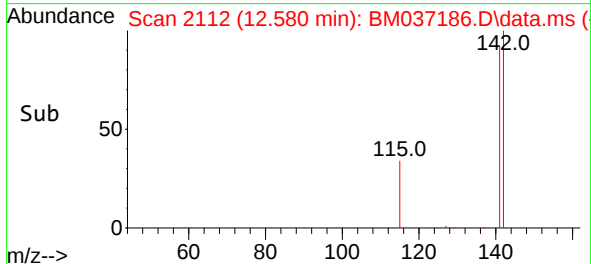
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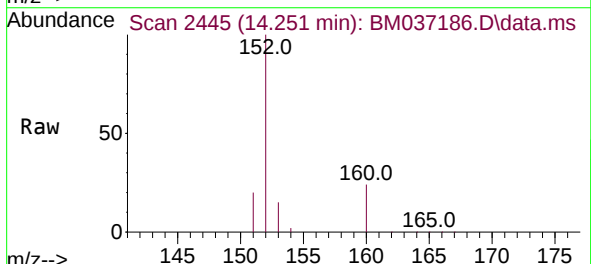
Tgt Ion:142 Resp: 84035
Ion Ratio Lower Upper
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141 92.4 74.2 111.4

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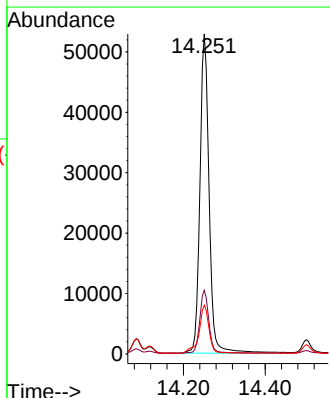
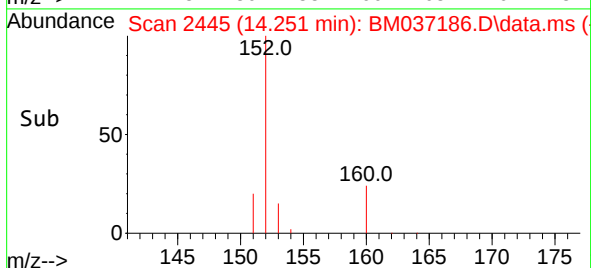
Reviewed By :Jagrut Upadhyay 10/24/2022
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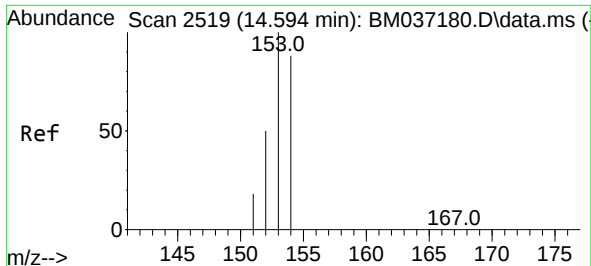


#10
Acenaphthylene
Concen: 2.027 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08



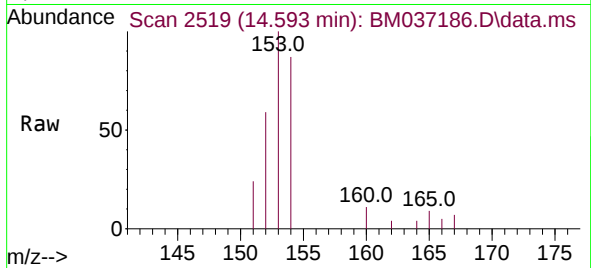
Tgt Ion:152 Resp: 82251
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 15.2 10.8 16.2





#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.593 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

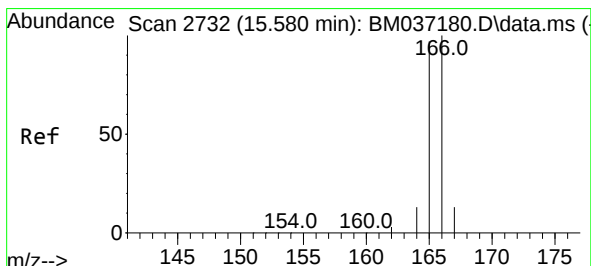
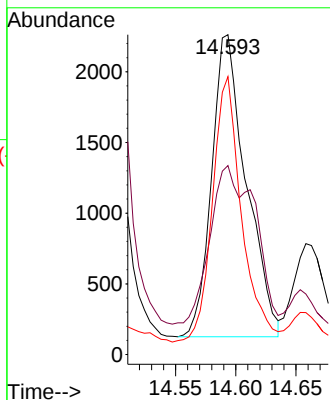
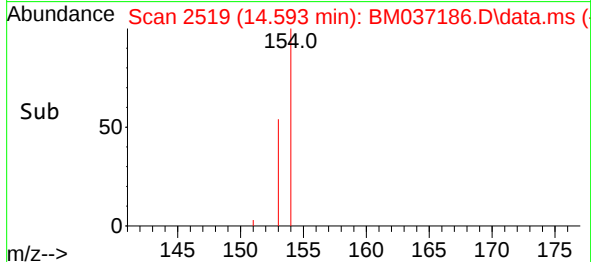
Instrument :
BNA_M
ClientSampleId :
C0BJ3



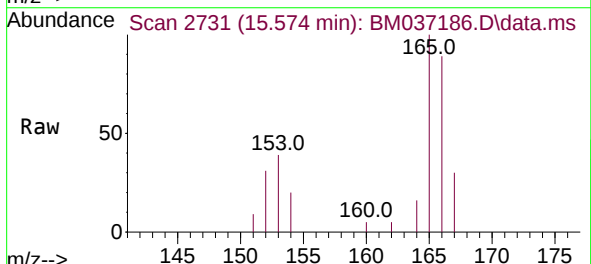
Tgt Ion:153 Resp: 4276
Ion Ratio Lower Upper
153 100
152 59.1 43.3 64.9
154 86.9 70.0 105.0

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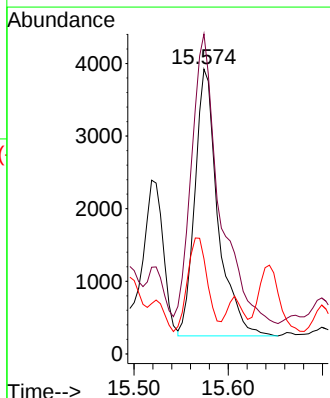
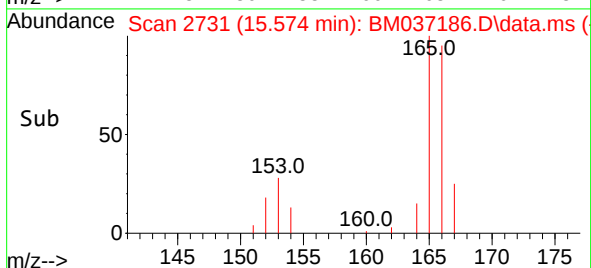
Reviewed By :Jagrut Upadhyay 10/24/2022
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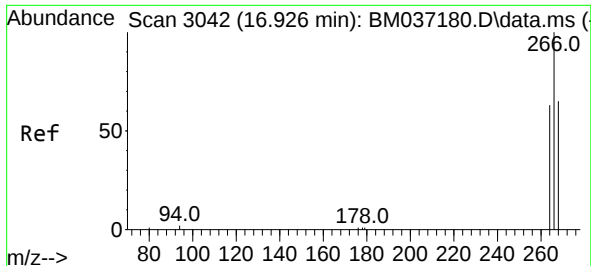


#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08



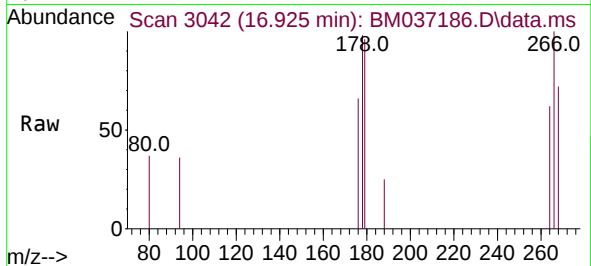
Tgt Ion:166 Resp: 6263
Ion Ratio Lower Upper
166 100
165 112.4 79.4 119.2
167 33.4 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.130 ng/ul
RT: 16.925 min Scan# 3042
Delta R.T. -0.001 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

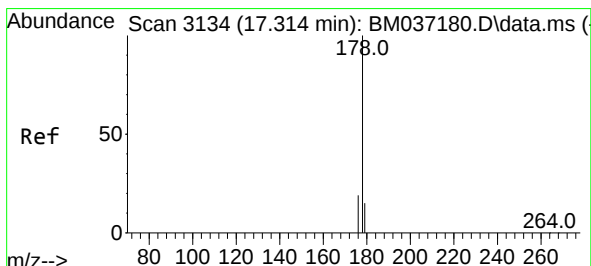
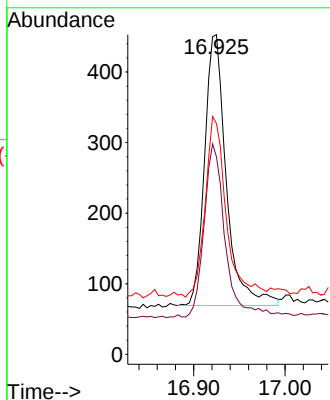
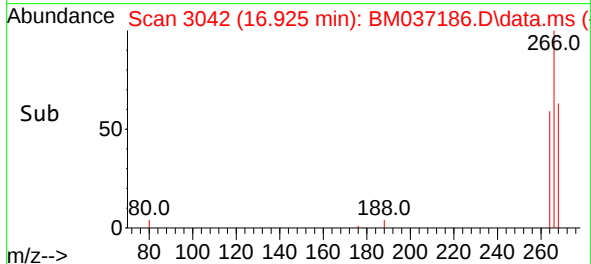
Instrument :
BNA_M
ClientSampleId :
C0BJ3



Tgt Ion:266 Resp: 637
Ion Ratio Lower Upper
266 100
264 61.7 49.4 74.0
268 64.4 50.5 75.7

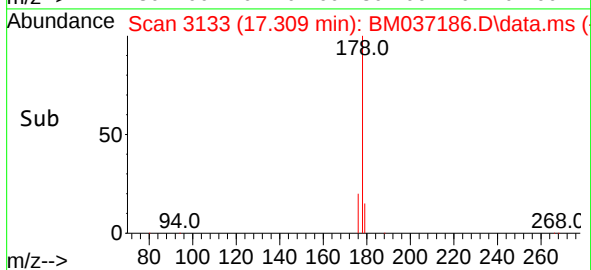
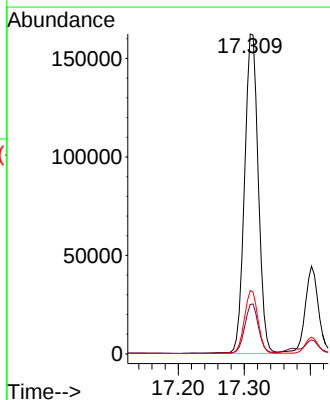
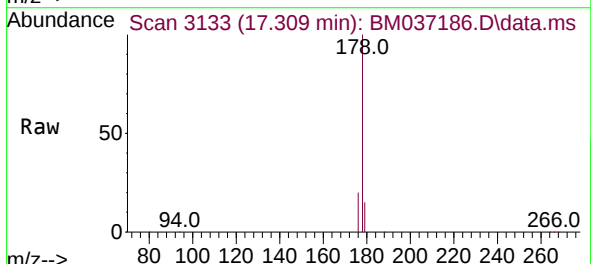
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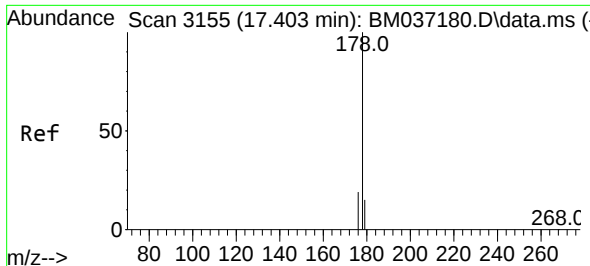
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 3.429 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

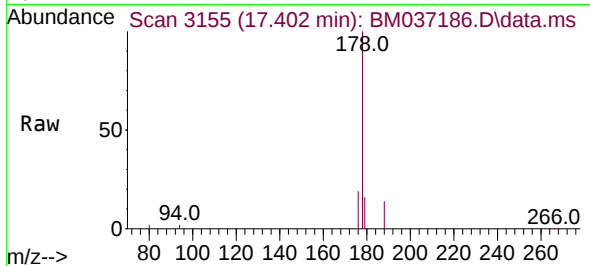
Tgt Ion:178 Resp: 233607
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.8 16.1 24.1





#16
 Anthracene
 Concen: 1.095 ng/ul
 RT: 17.402 min Scan# 3155
 Delta R.T. -0.001 min
 Lab File: BM037186.D
 Acq: 22 Oct 2022 03:08

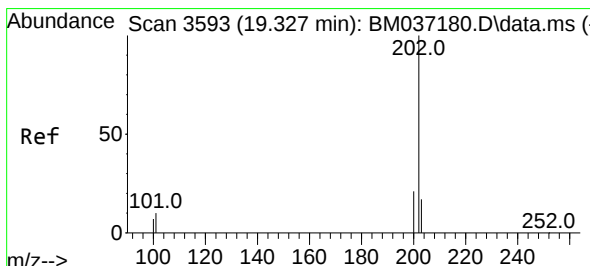
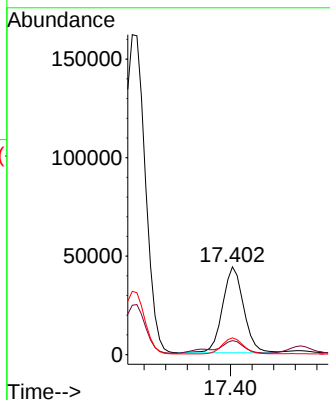
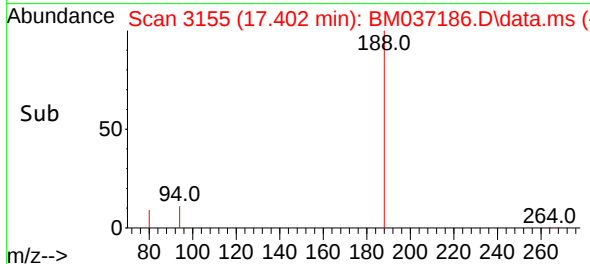
Instrument :
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 C0BJ3



Tgt Ion:178 Resp: 59086
 Ion Ratio Lower Upper
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 179 16.0 13.1 19.7
 176 19.1 15.3 22.9

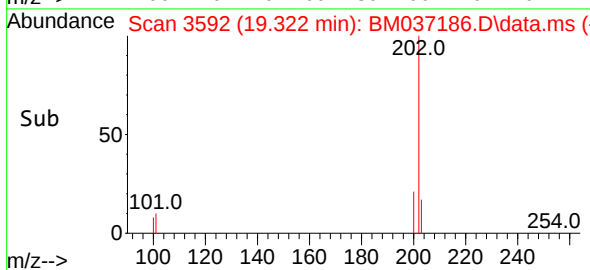
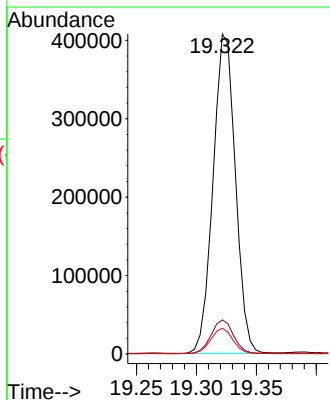
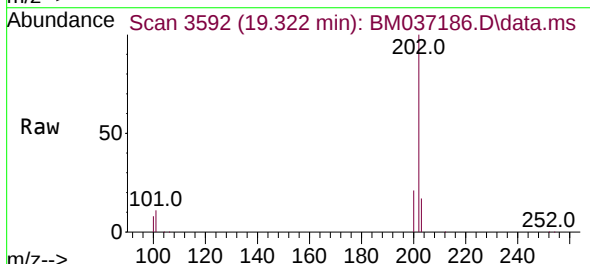
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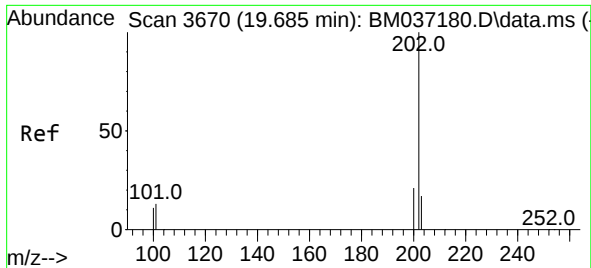
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#19
 Fluoranthene
 Concen: 7.542 ng/ul
 RT: 19.322 min Scan# 3592
 Delta R.T. -0.006 min
 Lab File: BM037186.D
 Acq: 22 Oct 2022 03:08

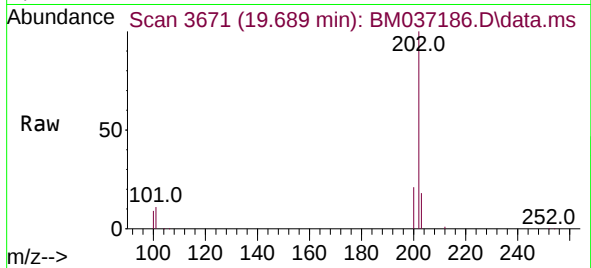
Tgt Ion:202 Resp: 528735
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.9 13.3
 100 8.0 6.9 10.3





#20
Pyrene
Concen: 6.951 ng/ul
RT: 19.689 min Scan# 3670
Delta R.T. 0.004 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

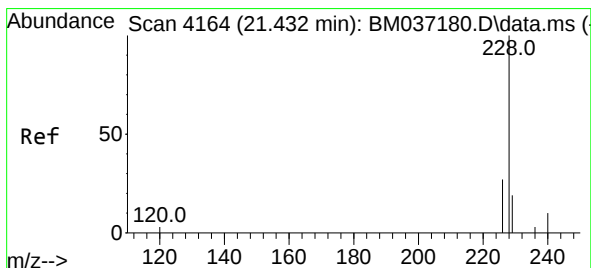
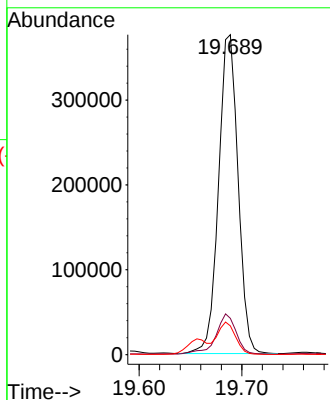
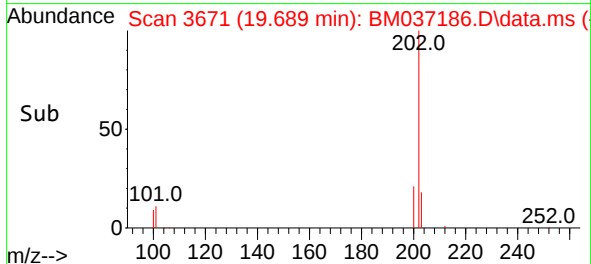
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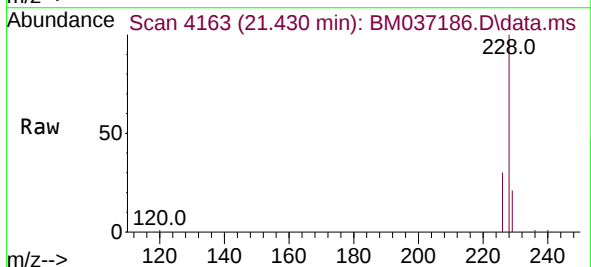
Tgt Ion:202 Resp: 494010
Ion Ratio Lower Upper
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101 11.3 9.7 14.5
100 9.0 7.8 11.8

Manual Integrations
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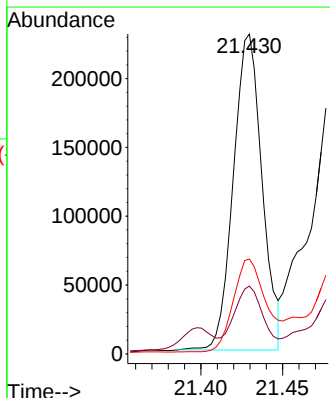
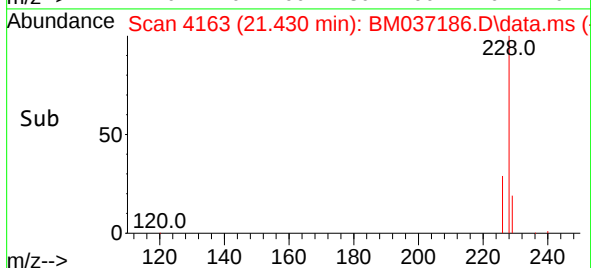
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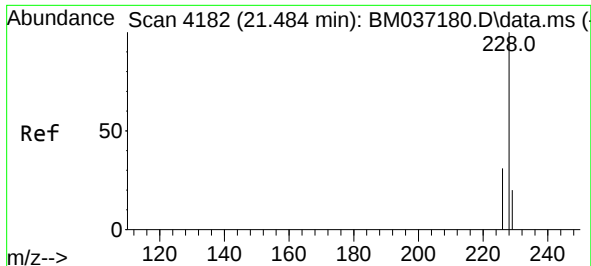


#21
Benzo(a)anthracene
Concen: 4.472 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08



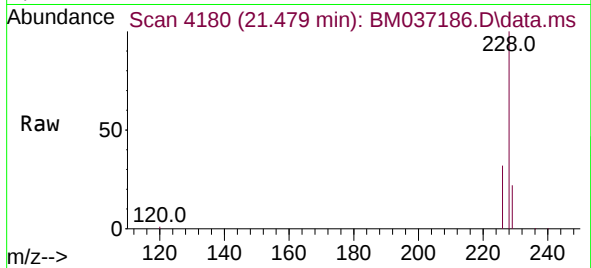
Tgt Ion:228 Resp: 280044
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.6 21.8 32.8





#22
Chrysene
Concen: 4.517 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.005 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

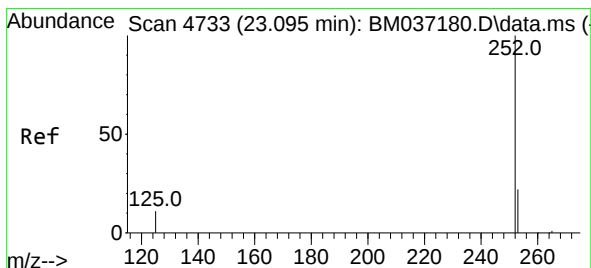
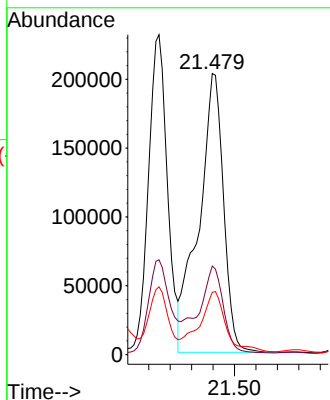
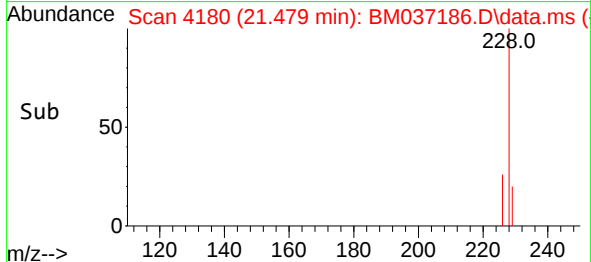
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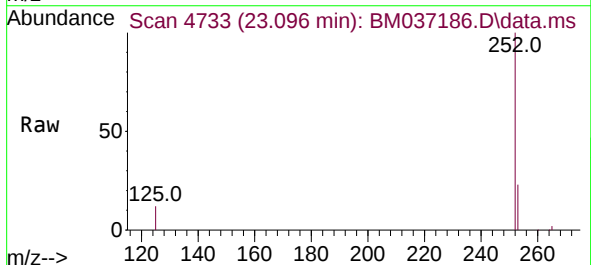
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Ion Ratio Lower Upper
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226 31.5 24.8 37.2
229 22.2 16.0 24.0

Manual Integrations
APPROVED

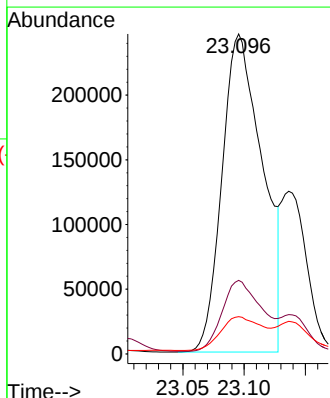
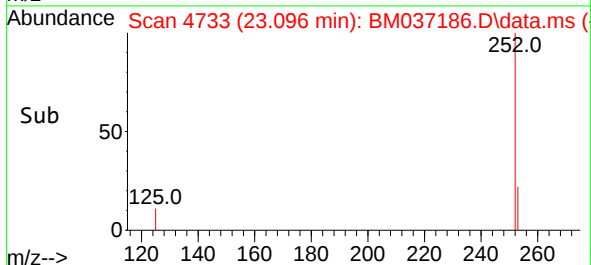
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

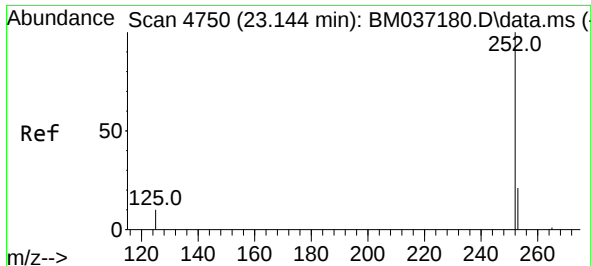


#24
Benzo(b)fluoranthene
Concen: 7.890 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08



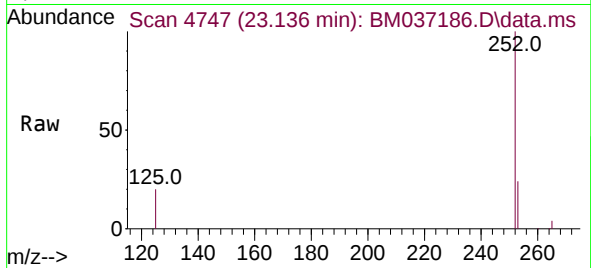
Tgt Ion:252 Resp: 565857
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.6
125 11.6 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 2.625 ng/ul m
RT: 23.136 min Scan# 4750
Delta R.T. -0.008 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

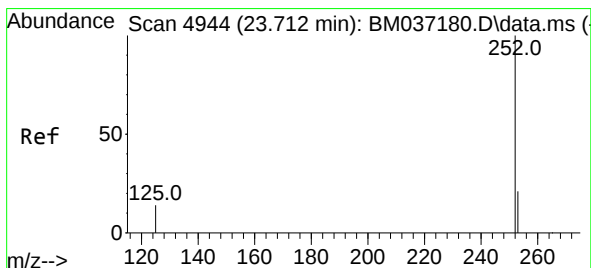
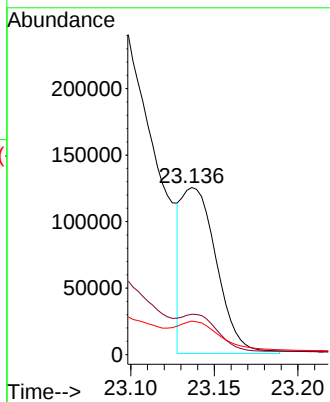
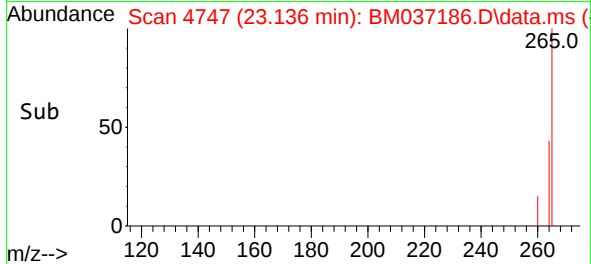
Instrument :
BNA_M
ClientSampleId :
C0BJ3



Tgt Ion:252 Resp: 181942
Ion Ratio Lower Upper
252 100
253 24.1 20.6 30.8
125 20.0 13.3 19.9

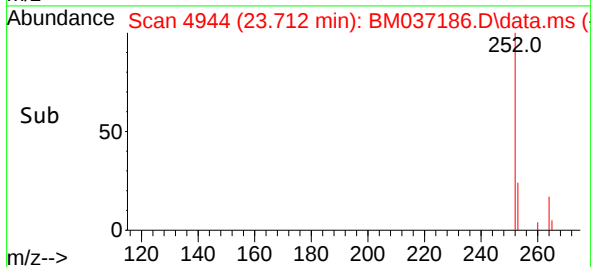
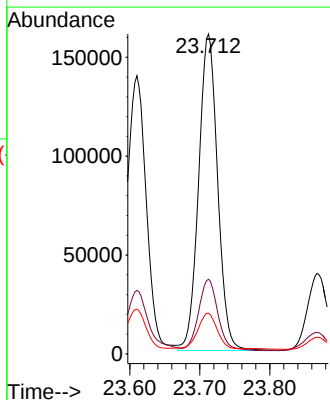
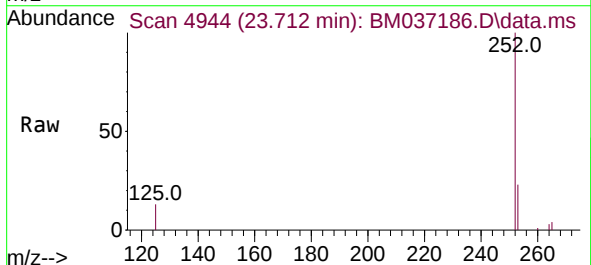
Manual Integrations
APPROVED

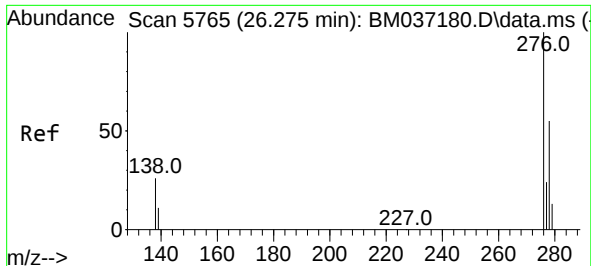
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#26
Benzo(a)pyrene
Concen: 5.235 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

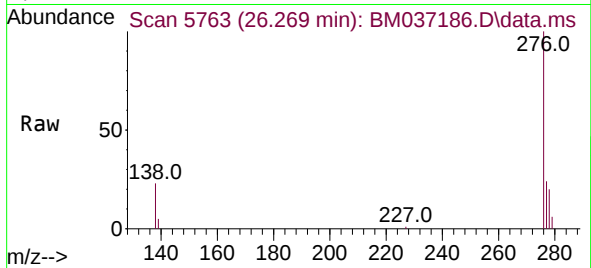
Tgt Ion:252 Resp: 301459
Ion Ratio Lower Upper
252 100
253 23.3 22.1 33.1
125 12.7 17.6 26.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.846 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08

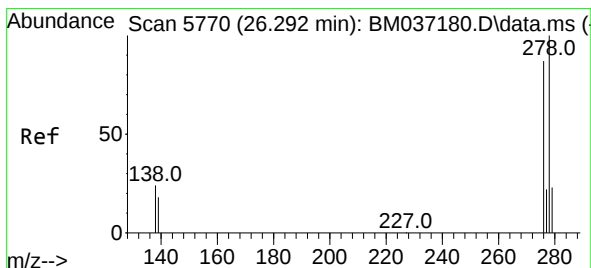
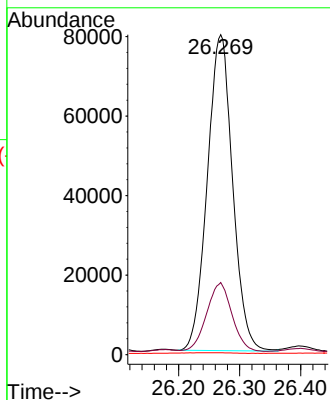
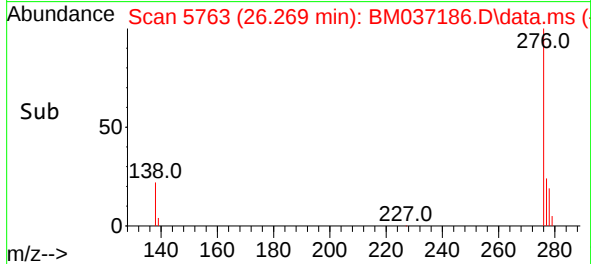
Instrument :
BNA_M
ClientSampleId :
C0BJ3



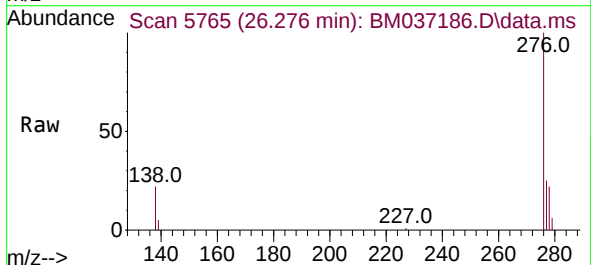
Tgt Ion:276 Resp: 228922
Ion Ratio Lower Upper
276 100
138 21.9 21.4 32.0
227 0.4 0.1 0.1

Manual Integrations
APPROVED

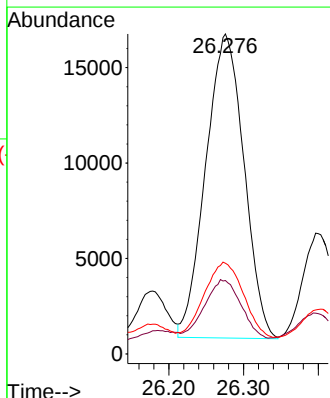
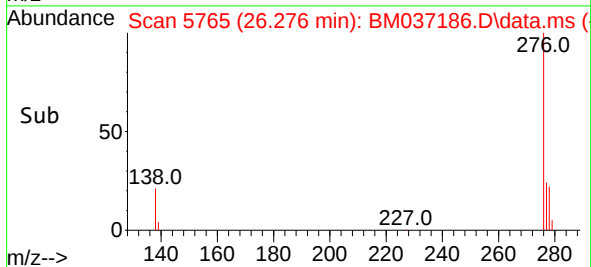
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

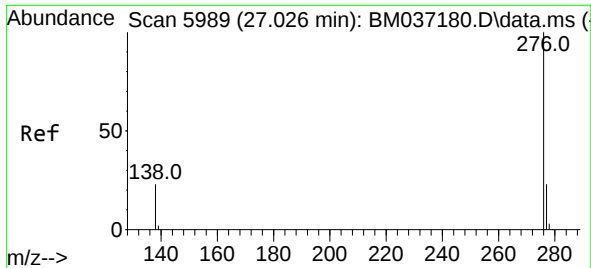


#28
Dibenzo(a,h)anthracene
Concen: 0.891 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. -0.016 min
Lab File: BM037186.D
Acq: 22 Oct 2022 03:08



Tgt Ion:278 Resp: 56545
Ion Ratio Lower Upper
278 100
139 22.9 16.3 24.5
279 28.3 21.5 32.3





#29

Benzo(g,h,i)perylene

Concen: 2.970 ng/ul

RT: 27.030 min Scan# 59

Delta R.T. 0.004 min

Lab File: BM037186.D

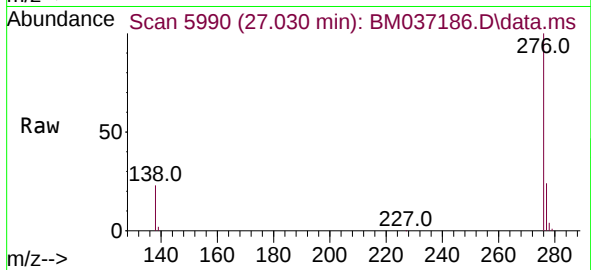
Acq: 22 Oct 2022 03:08

Instrument :

BNA_M

ClientSampleId :

C0BJ3



Tgt Ion:276 Resp: 21013

Ion Ratio Lower Upper

276 100

138 22.6 19.8 29.8

277 24.0 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022

