

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037206.D
 Acq On : 24 Oct 2022 16:39
 Operator : CG/JU
 Sample : N5064-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ2

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 02:32:18 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	7.901	152	4060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	12384	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	7155	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	15651	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	14896	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	15015	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	17266	3.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	4730	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	12382	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	37509	1.023	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	29808	1.357	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	23160	1.033	ng/ul	99
10) Acenaphthylene	14.251	152	13837	0.450	ng/ul#	95
11) Acenaphthene	14.594	153	1089	0.039	ng/ul#	91
12) Fluorene	15.574	166	1740	0.054	ng/ul#	84
15) Phenanthrene	17.313	178	50935	0.964	ng/ul	99
16) Anthracene	17.402	178	9185	0.219	ng/ul	96
19) Fluoranthene	19.322	202	94178	1.455	ng/ul	100
20) Pyrene	19.689	202	83086	1.267	ng/ul	98
21) Benzo(a)anthracene	21.430	228	56407	0.976	ng/ul	94
22) Chrysene	21.482	228	63269	0.951	ng/ul	97
24) Benzo(b)fluoranthene	23.096	252	101770	1.280	ng/ul	98
25) Benzo(k)fluoranthene	23.140	252	36655m	0.477	ng/ul	
26) Benzo(a)pyrene	23.713	252	60799	0.952	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.269	276	45655	0.512	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.283	278	11763	0.167	ng/ul#	81
29) Benzo(g,h,i)perylene	27.031	276	39979	0.510	ng/ul	99

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

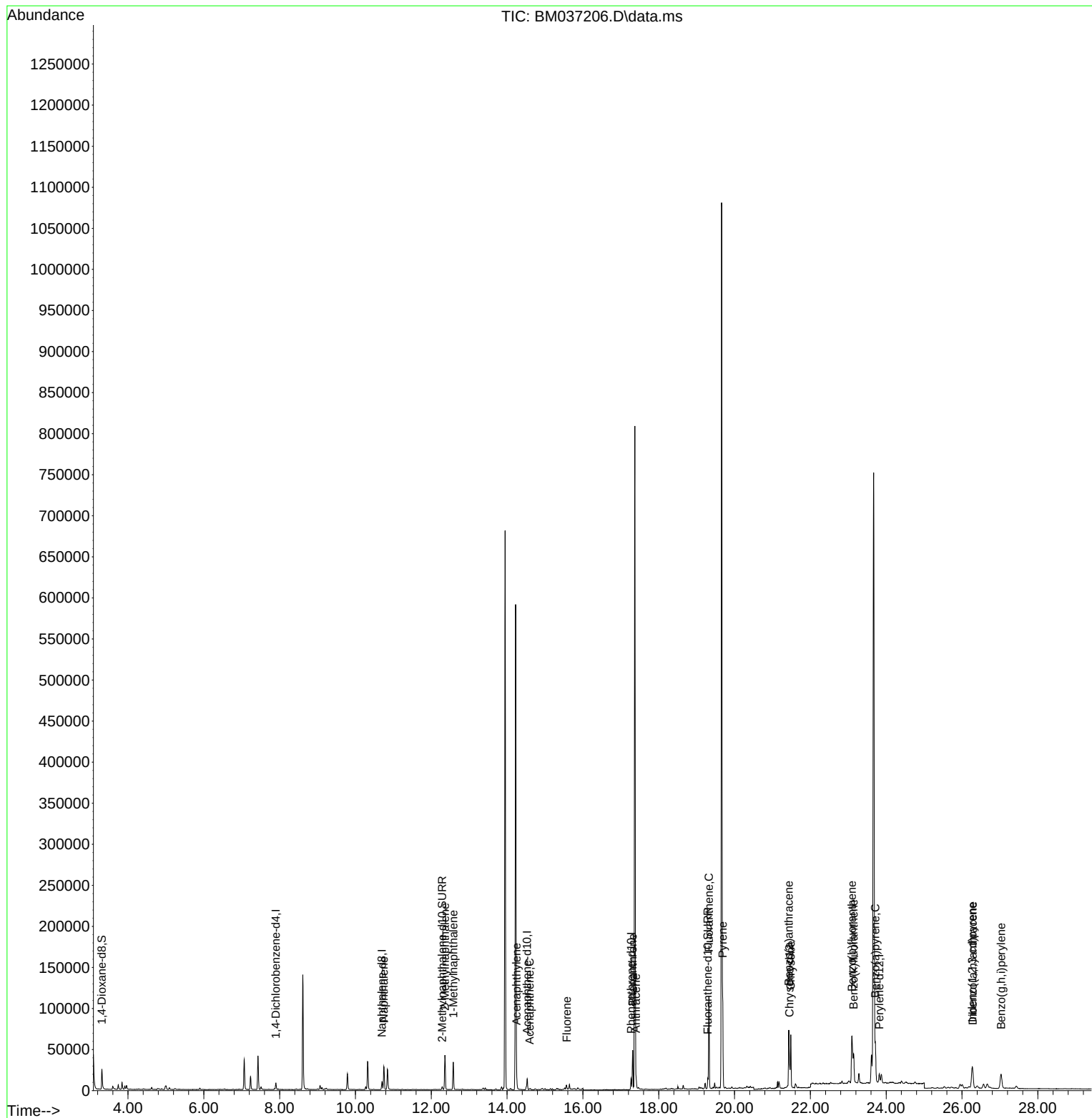
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037206.D
Acq On : 24 Oct 2022 16:39
Operator : CG/JU
Sample : N5064-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

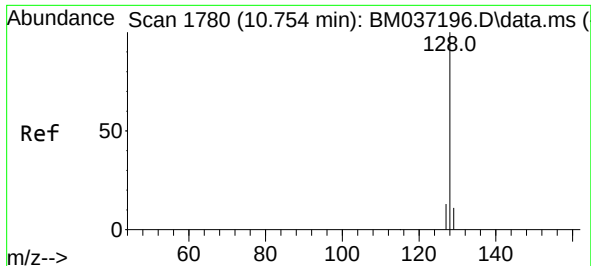
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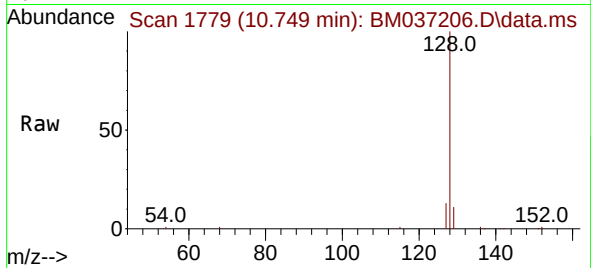
Quant Time: Oct 25 02:32:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.023 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

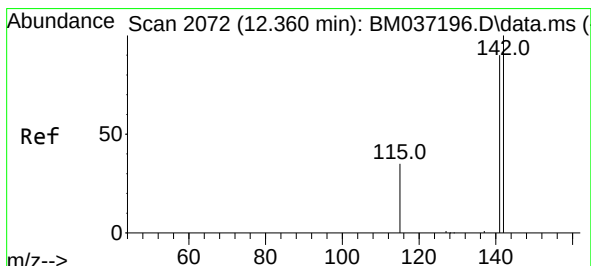
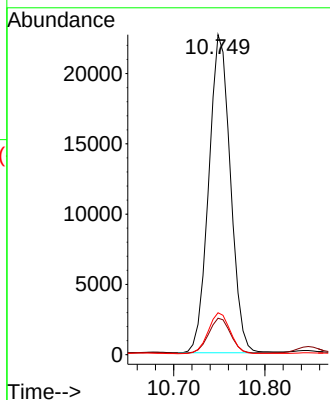
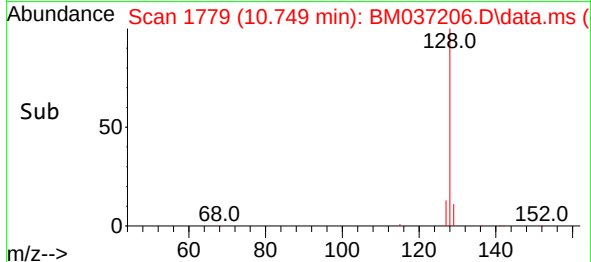
Instrument :
BNA_M
ClientSampleId :
C0BJ2



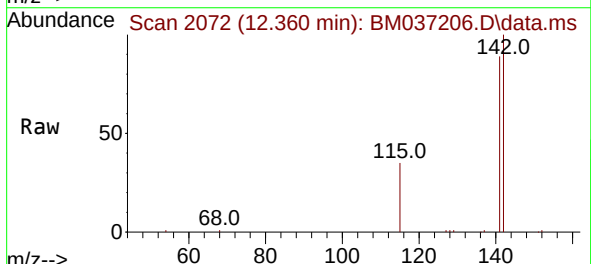
Tgt Ion:128 Resp: 37509
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.1 10.5 15.7

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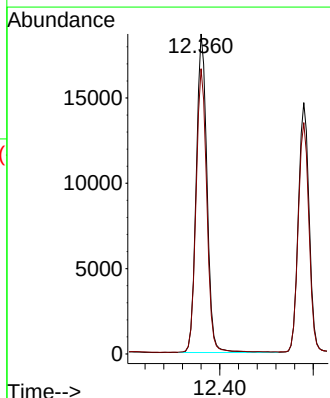
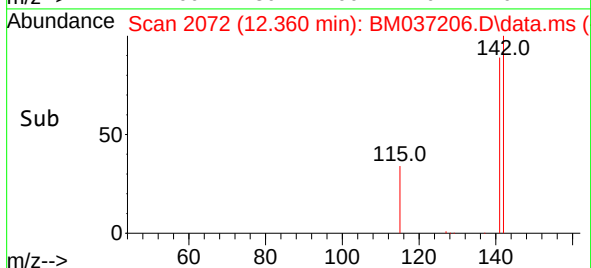
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

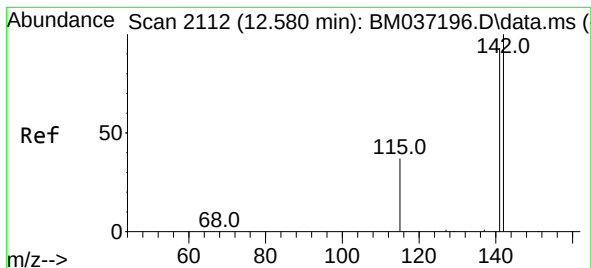


#7
2-Methylnaphthalene
Concen: 1.357 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39



Tgt Ion:142 Resp: 29808
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8

1-Methylnaphthalene

Concen: 1.033 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BM037206.D

Acq: 24 Oct 2022 16:39

Instrument :

BNA_M

ClientSampleId :

C0BJ2

Tgt Ion:142 Resp: 23160

Ion Ratio Lower Upper

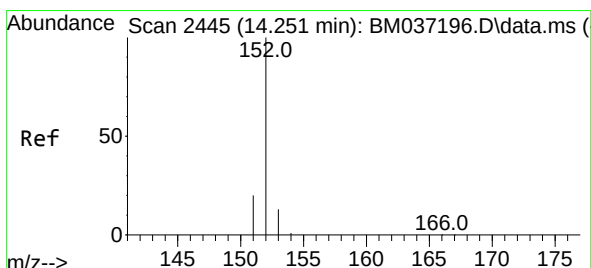
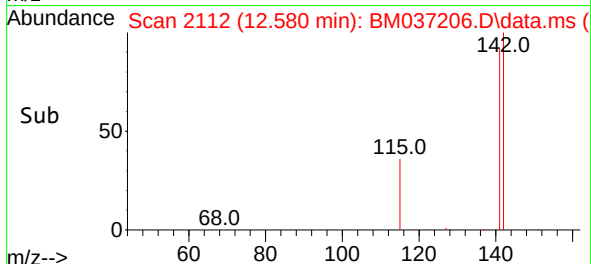
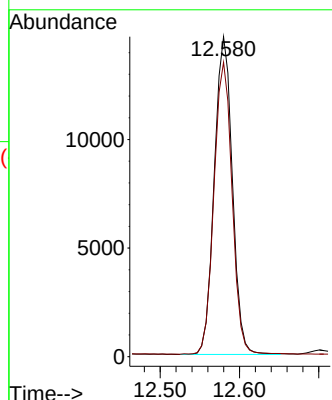
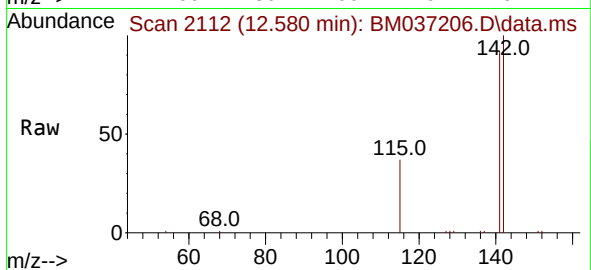
142 100

141 92.1 74.2 111.4

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#10

Acenaphthylene

Concen: 0.450 ng/ul

RT: 14.251 min Scan# 2445

Delta R.T. -0.001 min

Lab File: BM037206.D

Acq: 24 Oct 2022 16:39

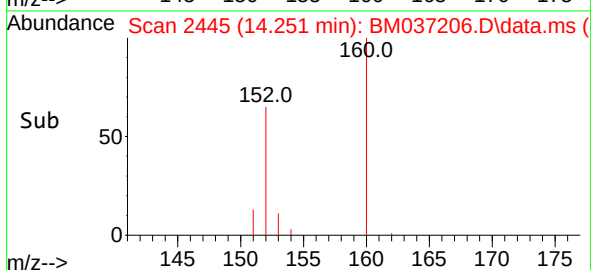
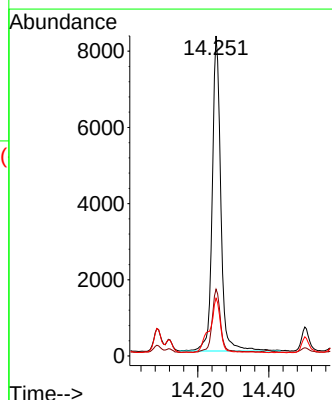
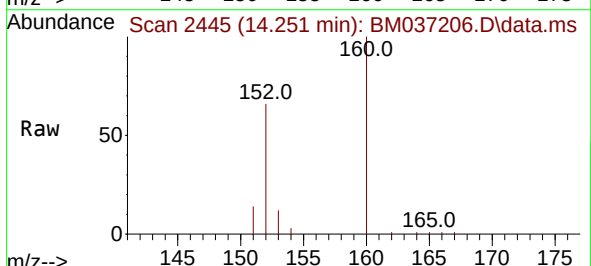
Tgt Ion:152 Resp: 13837

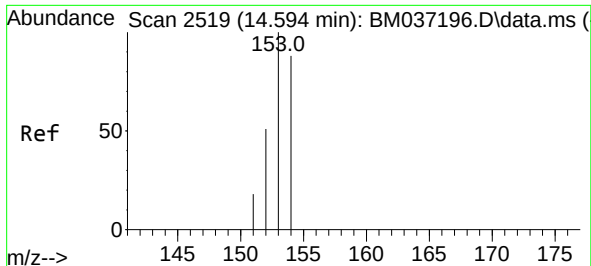
Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

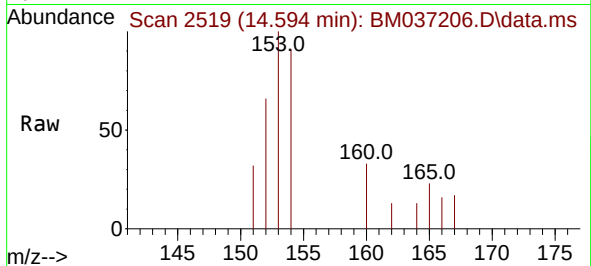
153 18.1 10.8 16.2#





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

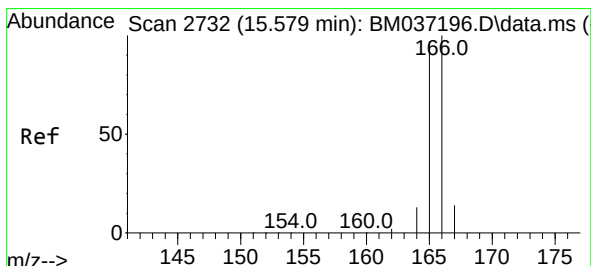
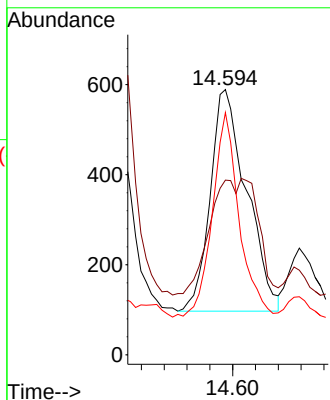
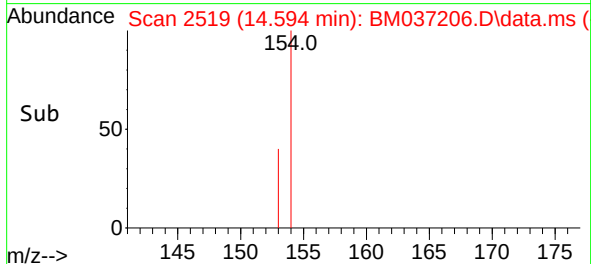
Instrument :
BNA_M
ClientSampleId :
C0BJ2



Tgt Ion:153 Resp: 1089
Ion Ratio Lower Upper
153 100
152 65.9 43.3 64.9
154 91.3 70.0 105.0

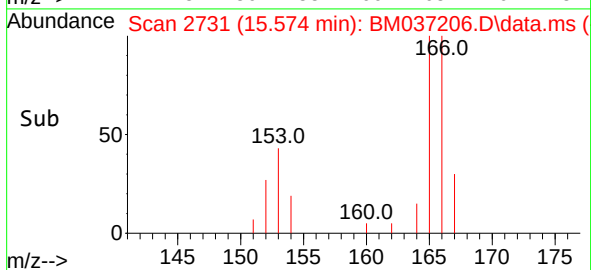
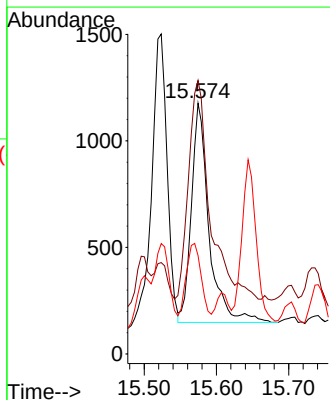
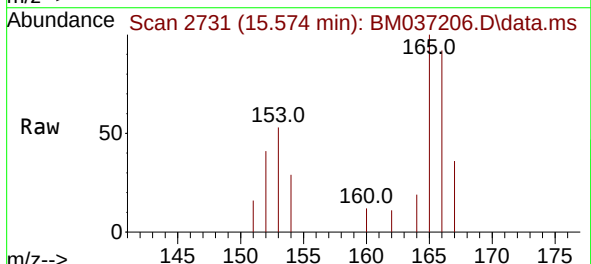
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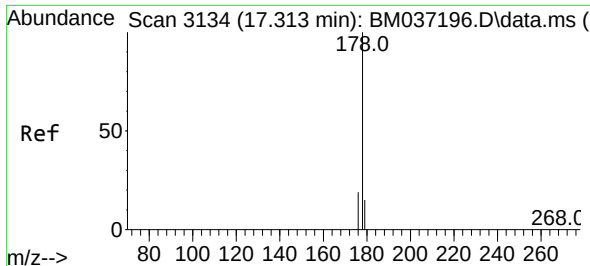
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

Tgt Ion:166 Resp: 1740
Ion Ratio Lower Upper
166 100
165 109.1 79.4 119.2
167 39.3 11.3 16.9





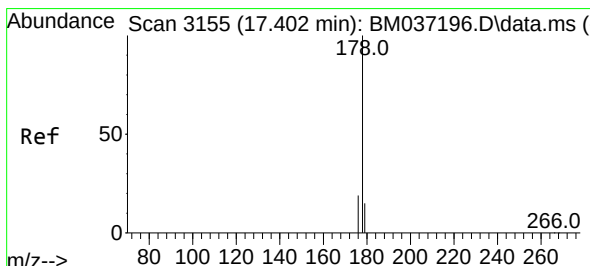
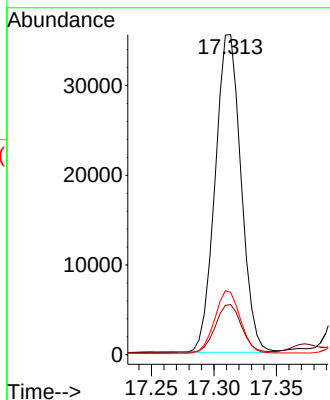
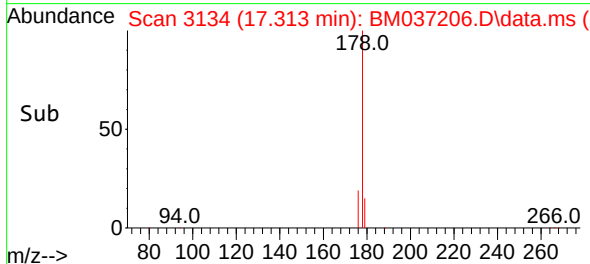
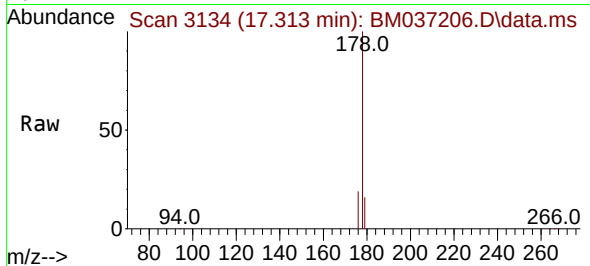
#15
Phenanthrene
Concen: 0.964 ng/u1
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

Instrument :
BNA_M
ClientSampleId :
C0BJ2

Tgt Ion:178 Resp: 50935
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.5 16.1 24.1

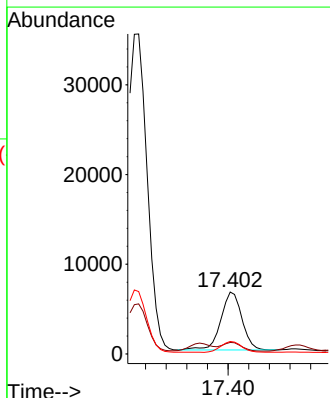
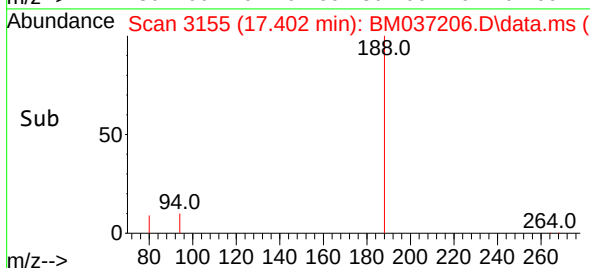
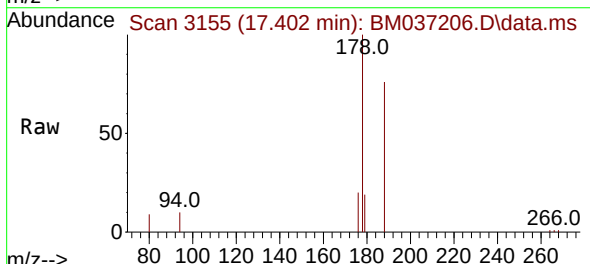
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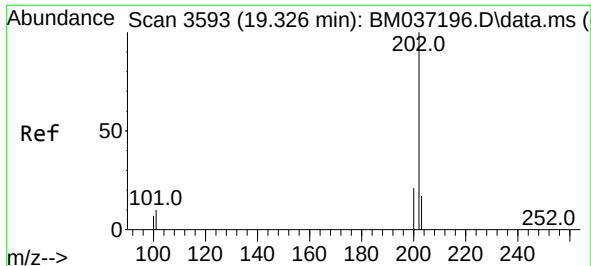
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#16
Anthracene
Concen: 0.219 ng/u1
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

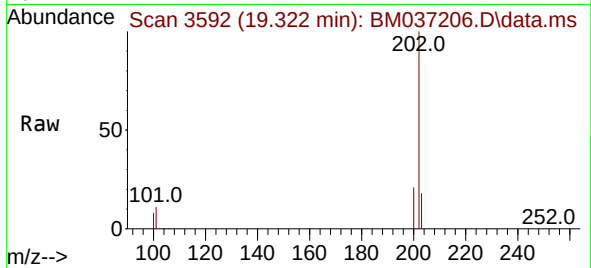
Tgt Ion:178 Resp: 9185
Ion Ratio Lower Upper
178 100
179 18.7 13.1 19.7
176 20.2 15.3 22.9





#19
Fluoranthene
Concen: 1.455 ng/u1
RT: 19.322 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

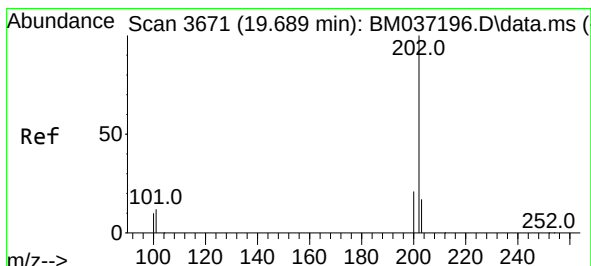
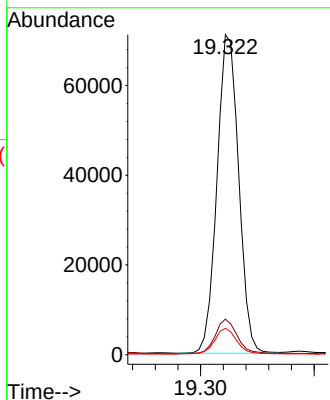
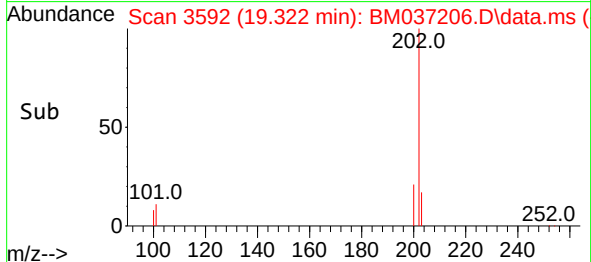
Instrument :
BNA_M
ClientSampleId :
C0BJ2



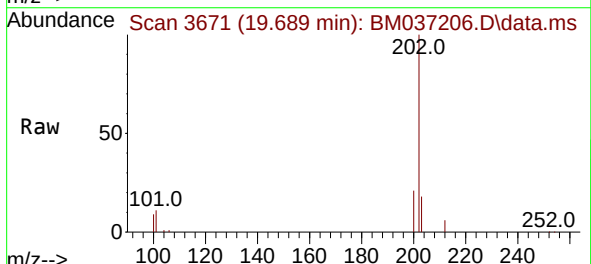
Tgt Ion:202 Resp: 94178
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.3 6.9 10.3

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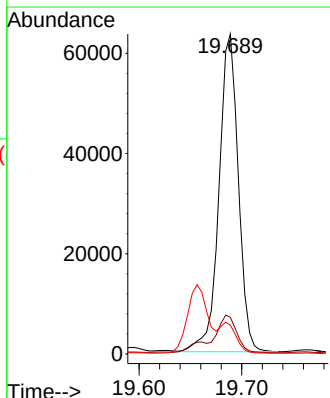
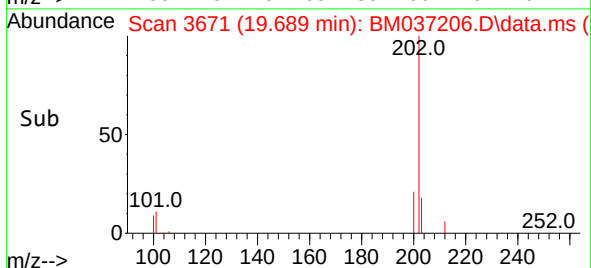
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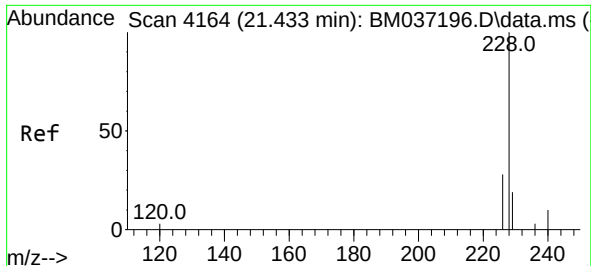


#20
Pyrene
Concen: 1.267 ng/u1
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39



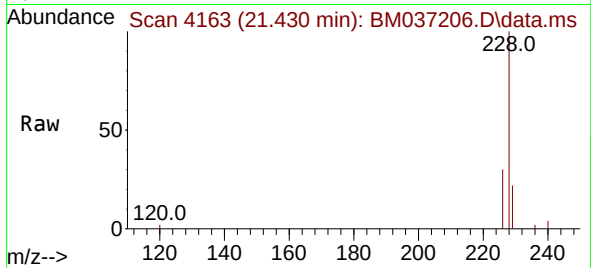
Tgt Ion:202 Resp: 83086
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 9.0 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.976 ng/u1
RT: 21.430 min Scan# 4164
Delta R.T. -0.002 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

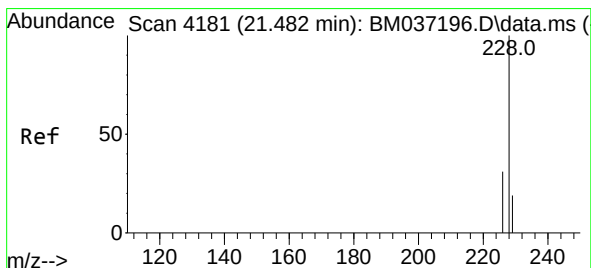
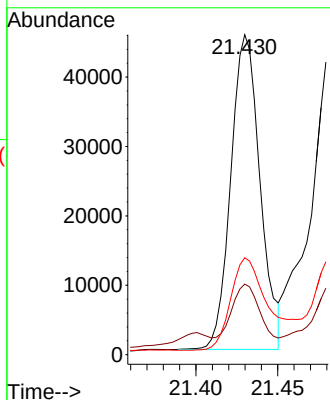
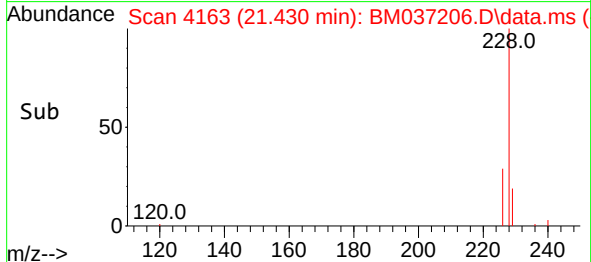
Instrument :
BNA_M
ClientSampleId :
C0BJ2



Tgt Ion:228 Resp: 5640
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 30.3 21.8 32.8

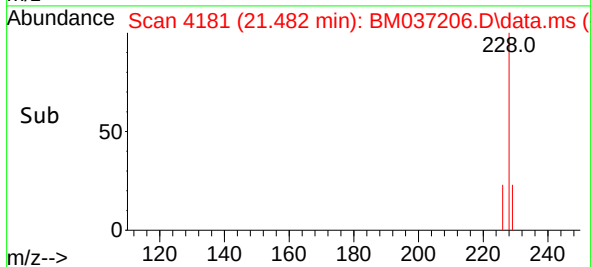
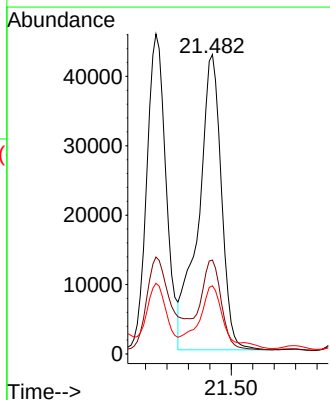
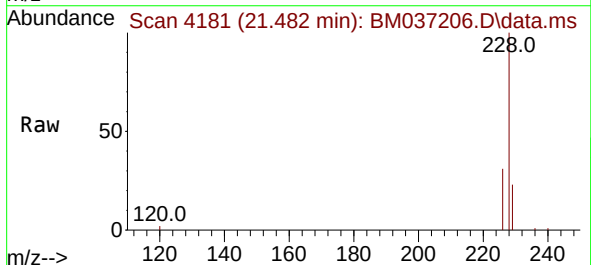
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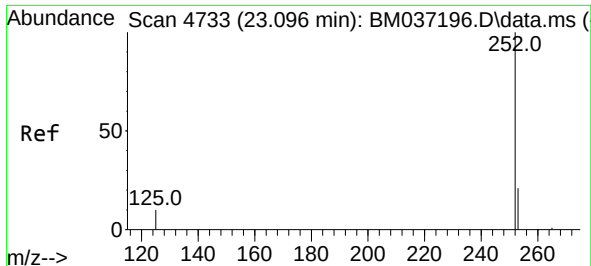
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Chrysene
Concen: 0.951 ng/u1
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

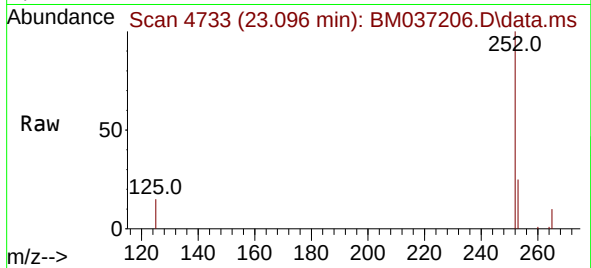
Tgt Ion:228 Resp: 63269
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.280 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

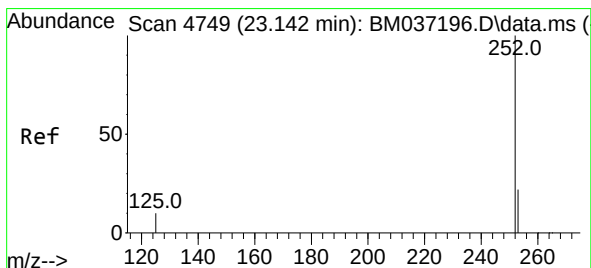
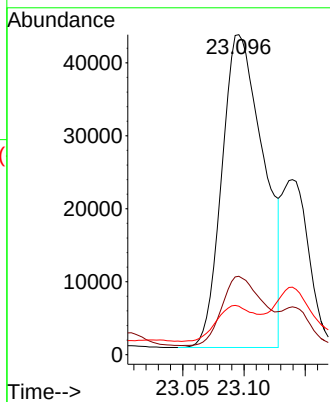
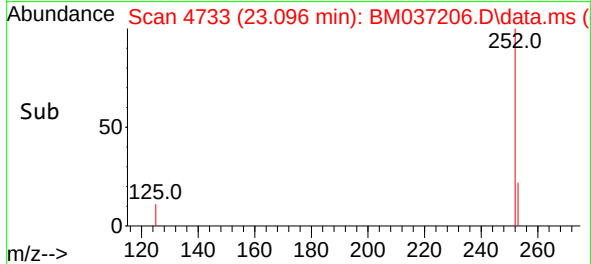
Instrument :
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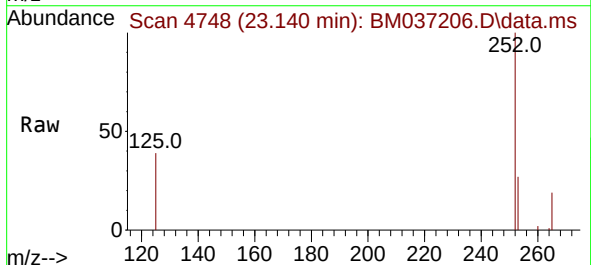
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Ion Ratio Lower Upper
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253 24.5 0.0 50.6
125 15.2 0.0 32.6

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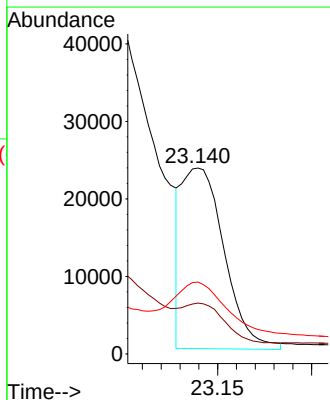
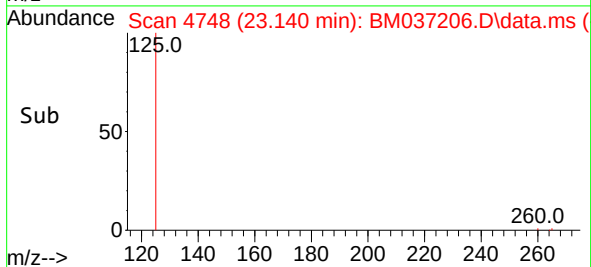
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Supervised By :mohammad ahmed 10/27/2022

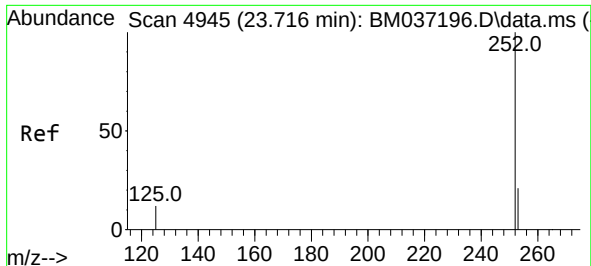


#25
Benzo(k)fluoranthene
Concen: 0.477 ng/ul m
RT: 23.140 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39



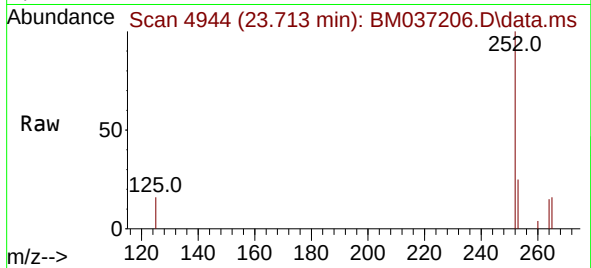
Tgt Ion:252 Resp: 36655
Ion Ratio Lower Upper
252 100
253 27.4 20.6 30.8
125 38.6 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.952 ng/ul
RT: 23.713 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

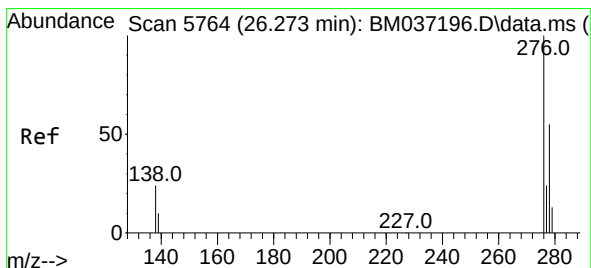
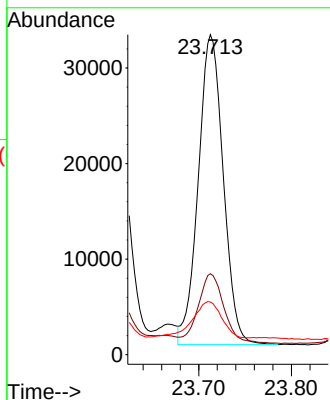
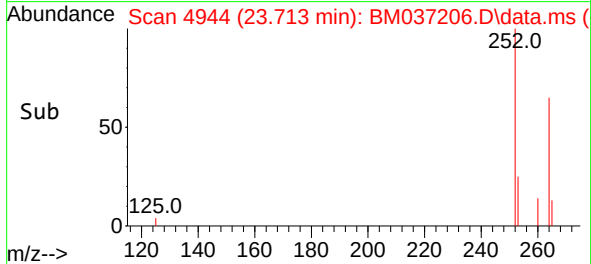
Instrument :
BNA_M
ClientSampleId :
C0BJ2



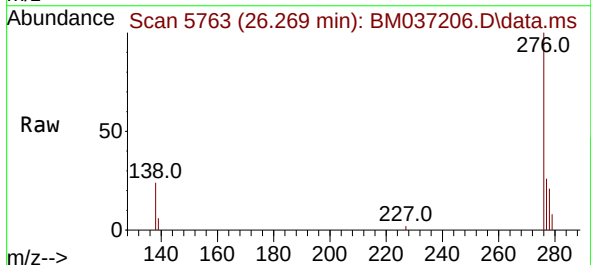
Tgt Ion:252 Resp: 60799
Ion Ratio Lower Upper
252 100
253 25.3 22.1 33.1
125 16.5 17.6 26.4

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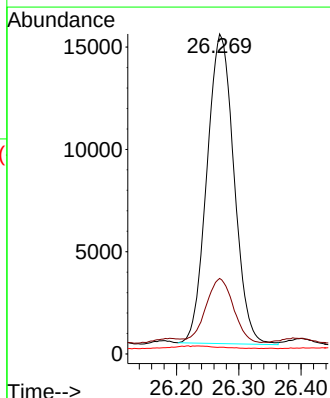
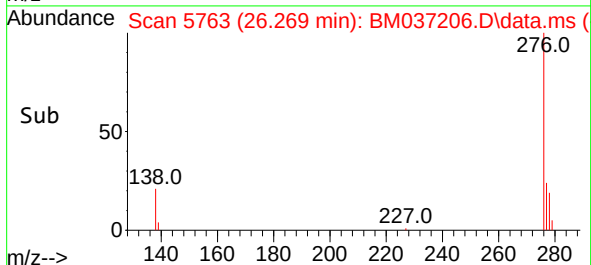
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

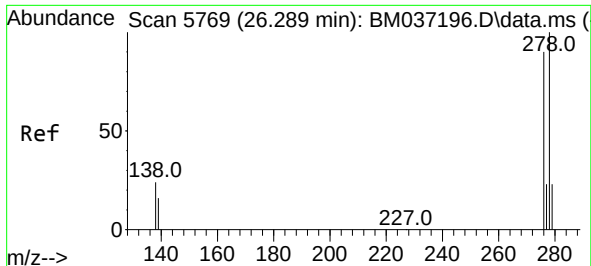


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.512 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39



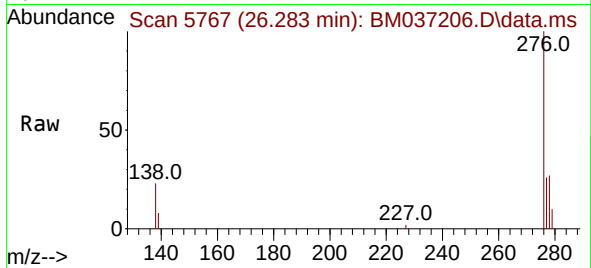
Tgt Ion:276 Resp: 45655
Ion Ratio Lower Upper
276 100
138 21.3 21.4 32.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.167 ng/ul
RT: 26.283 min Scan# 5176
Delta R.T. -0.009 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39

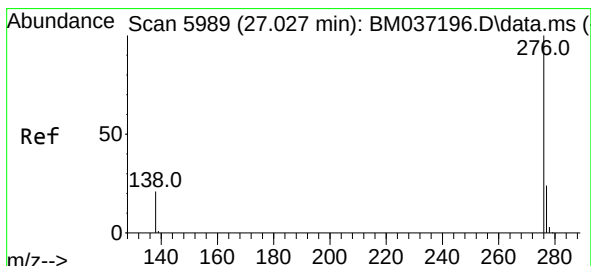
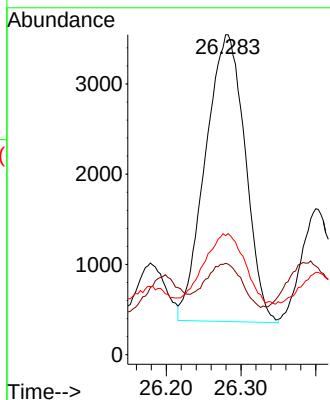
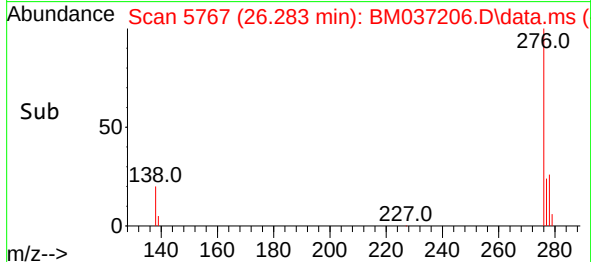
Instrument :
BNA_M
ClientSampleId :
C0BJ2



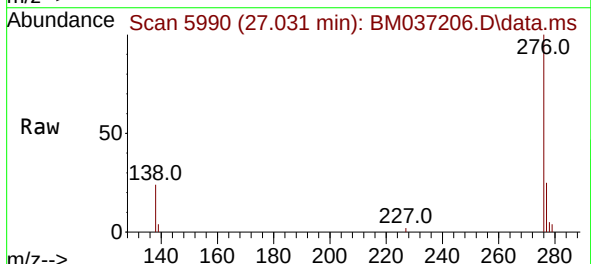
Tgt Ion:278 Resp: 1176
Ion Ratio Lower Upper
278 100
139 28.3 16.3 24.5
279 37.8 21.5 32.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.510 ng/ul
RT: 27.031 min Scan# 5990
Delta R.T. 0.004 min
Lab File: BM037206.D
Acq: 24 Oct 2022 16:39



Tgt Ion:276 Resp: 39979
Ion Ratio Lower Upper
276 100
138 24.1 19.8 29.8
277 25.4 20.1 30.1

