

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037202.D
 Acq On : 24 Oct 2022 14:15
 Operator : CG/JU
 Sample : N5064-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE5

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 02:26:41 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	5315	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	16515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	10283	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	21414	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	17270	0.400	ng/ul	# 0.00
23) Perylene-d12	23.823	264	15699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	20850	3.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5979	0.255	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	15530	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	190064	3.885	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	184925	6.313	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	148394	4.963	ng/ul	99
10) Acenaphthylene	14.252	152	88958	2.014	ng/ul#	97
11) Acenaphthene	14.594	153	9892	0.248	ng/ul	99
12) Fluorene	15.575	166	20153	0.432	ng/ul#	92
14) Pentachlorophenol	16.926	266	233	0.045	ng/ul	98
15) Phenanthrene	17.314	178	1048252	14.501	ng/ul	98
16) Anthracene	17.403	178	116099	2.028	ng/ul	100
19) Fluoranthene	19.327	202	1597434	21.292	ng/ul	96
20) Pyrene	19.690	202	1294857	17.025	ng/ul	98
21) Benzo(a)anthracene	21.432	228	633203	9.448	ng/ul	97
22) Chrysene	21.484	228	726567	9.422	ng/ul	98
24) Benzo(b)fluoranthene	23.098	252	869823	10.460	ng/ul	92
25) Benzo(k)fluoranthene	23.142	252	302656m	3.766	ng/ul	
26) Benzo(a)pyrene	23.718	252	513821	7.695	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.275	276	373235	4.002	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.285	278	95417	1.297	ng/ul	98
29) Benzo(g,h,i)perylene	27.033	276	306317	3.734	ng/ul	96

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

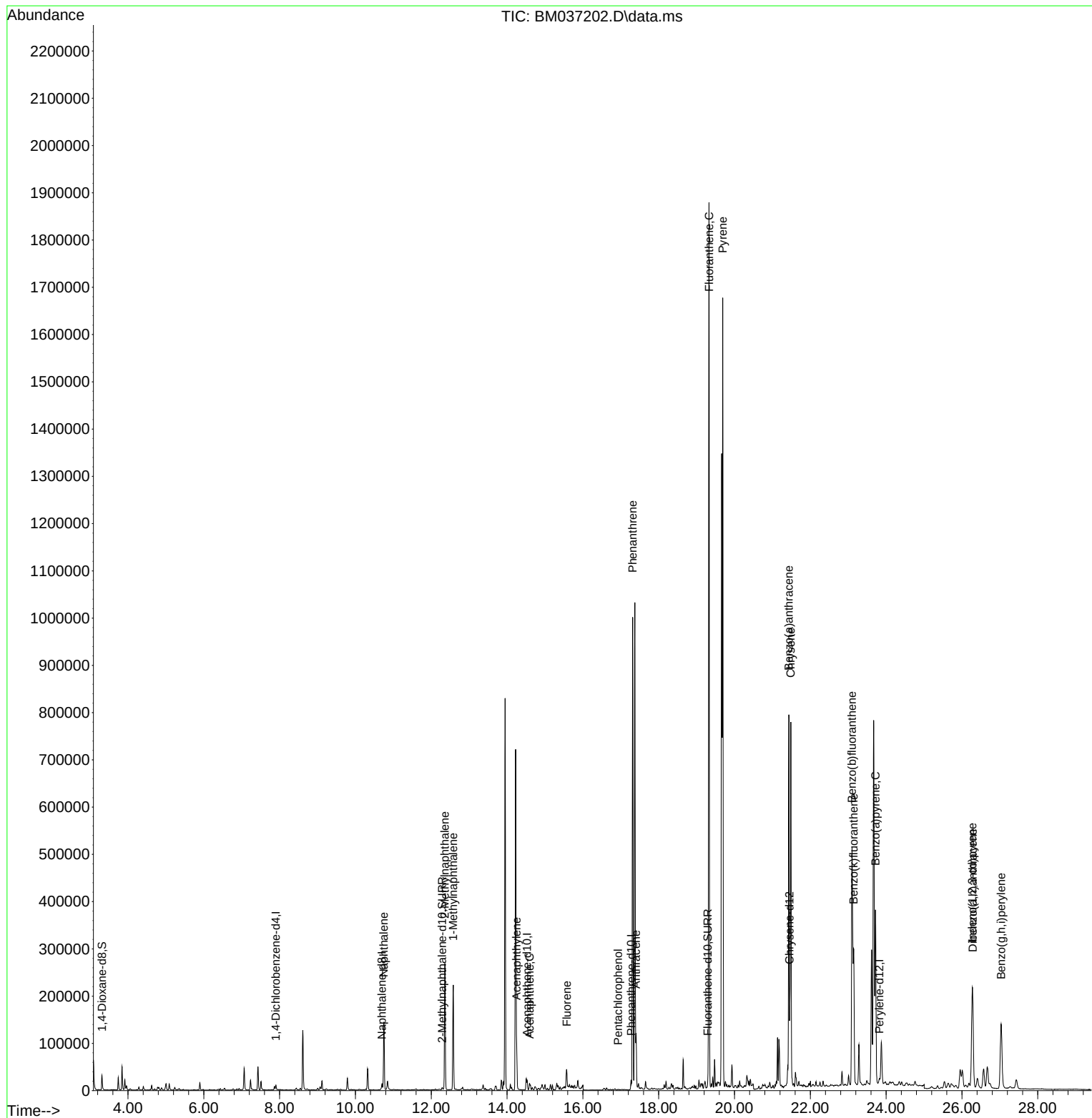
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037202.D
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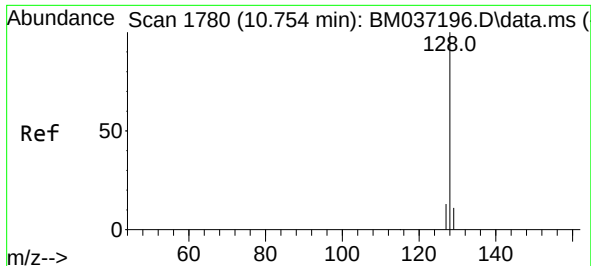
Instrument :
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Quant Time: Oct 25 02:26:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
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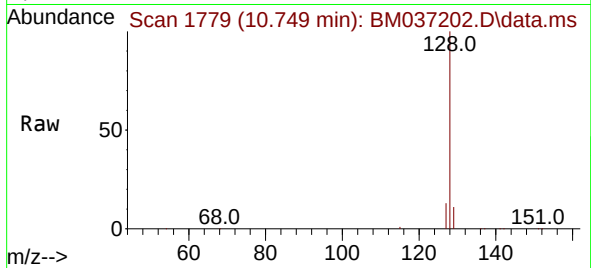
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022





#5
Naphthalene
Concen: 3.885 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

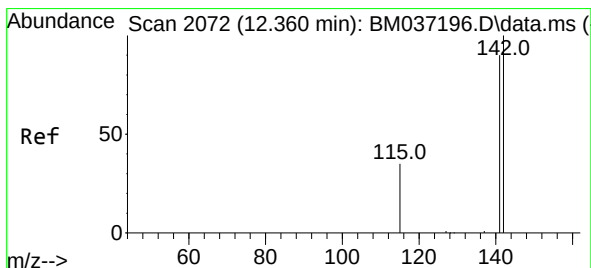
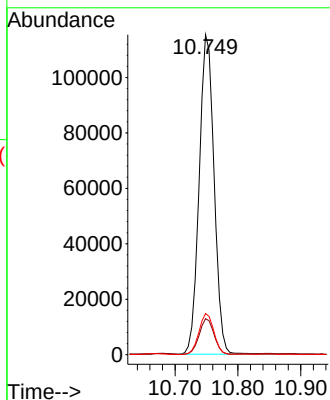
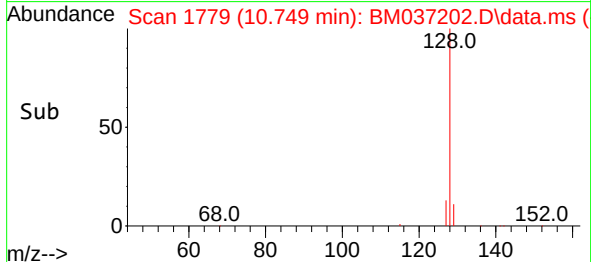
Instrument :
BNA_M
ClientSampleId :
C0BE5



Tgt Ion:128 Resp: 190064
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 10.5 15.7

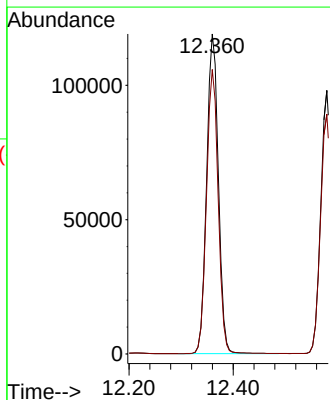
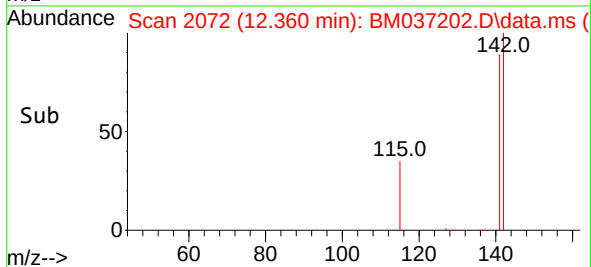
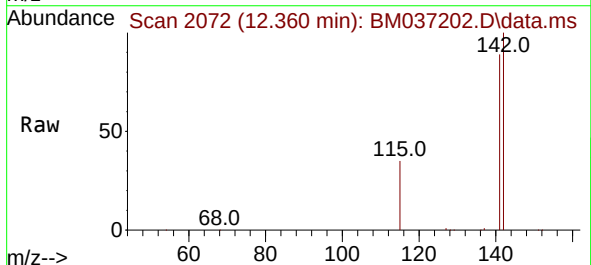
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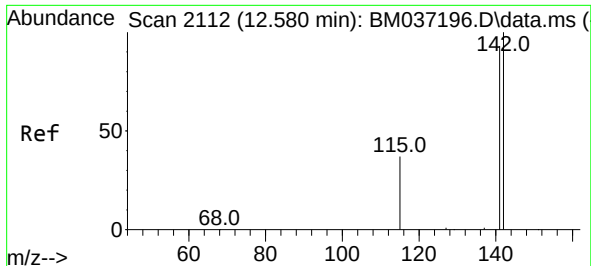
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 6.313 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

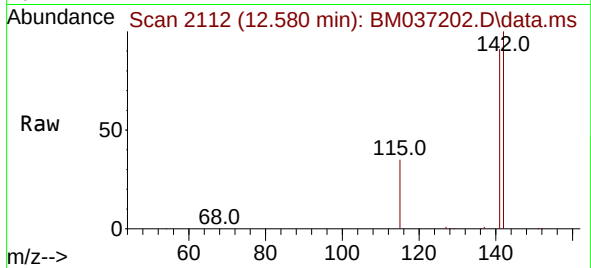
Tgt Ion:142 Resp: 184925
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2





#8
1-Methylnaphthalene
Concen: 4.963 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

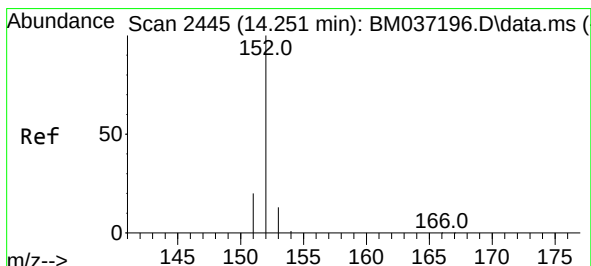
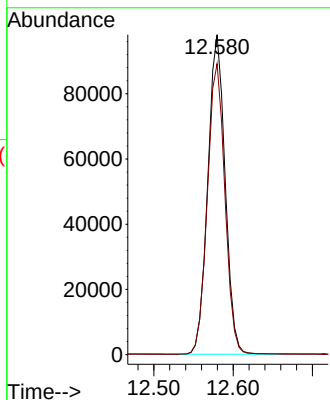
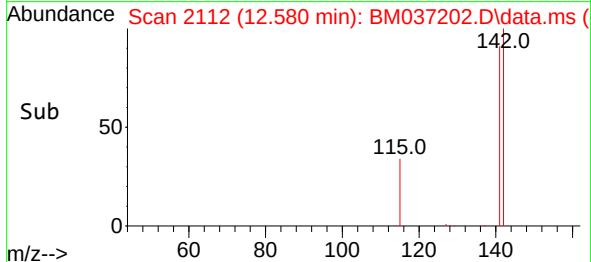
Instrument :
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Tgt Ion:142 Resp: 148394
Ion Ratio Lower Upper
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141 92.0 74.2 111.4

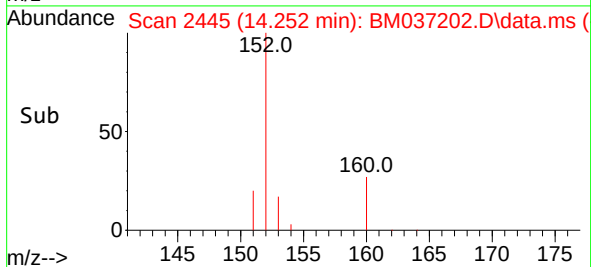
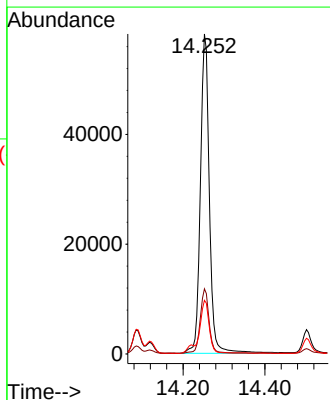
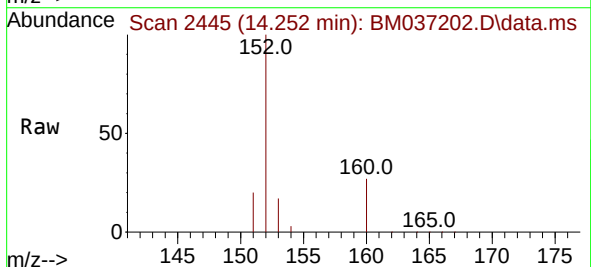
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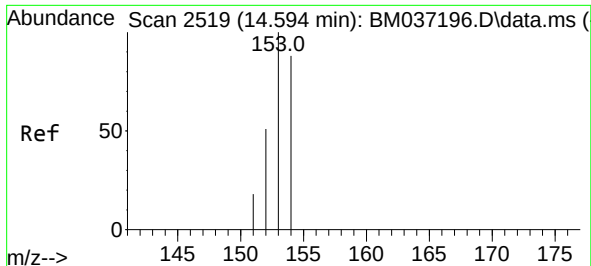
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 2.014 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

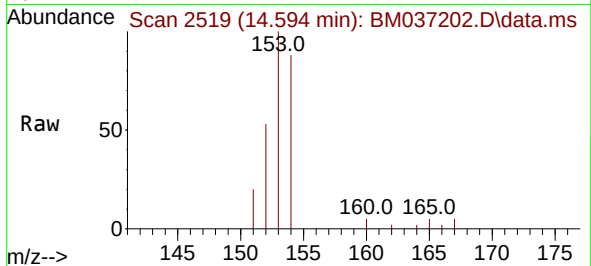
Tgt Ion:152 Resp: 88958
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 16.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.248 ng/ul
RT: 14.594 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

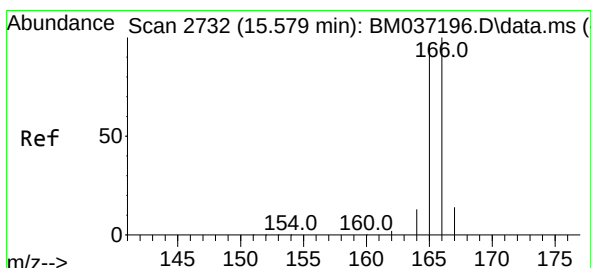
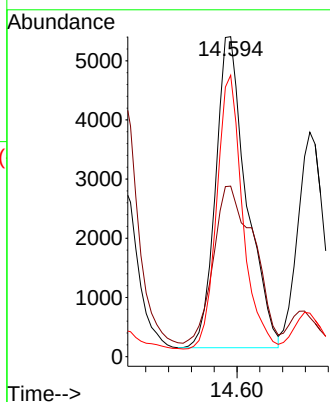
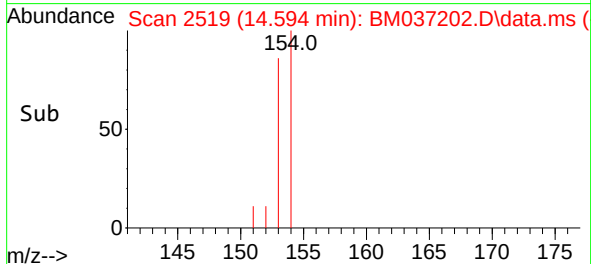
Instrument :
BNA_M
ClientSampleId :
C0BE5



Tgt Ion:153 Resp: 989
Ion Ratio Lower Upper
153 100
152 53.3 43.3 64.9
154 87.9 70.0 105.0

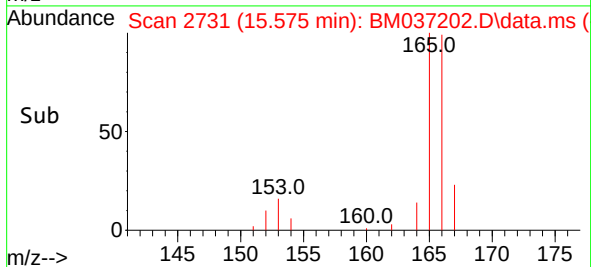
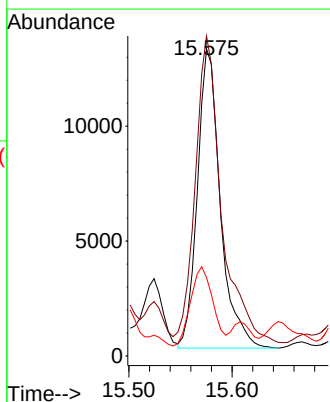
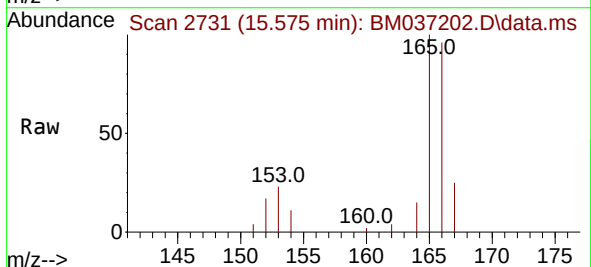
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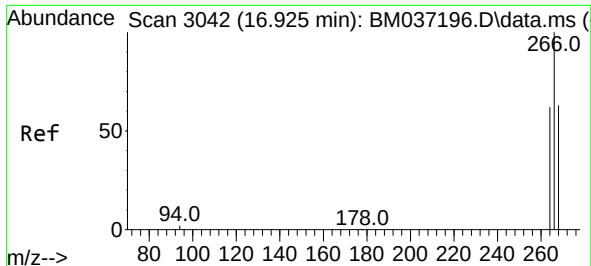
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
Fluorene
Concen: 0.432 ng/ul
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

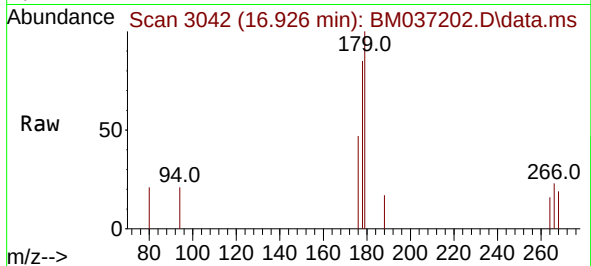
Tgt Ion:166 Resp: 20153
Ion Ratio Lower Upper
166 100
165 104.2 79.4 119.2
167 25.5 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.045 ng/uI
RT: 16.926 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

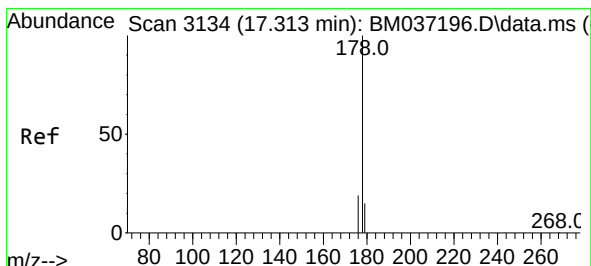
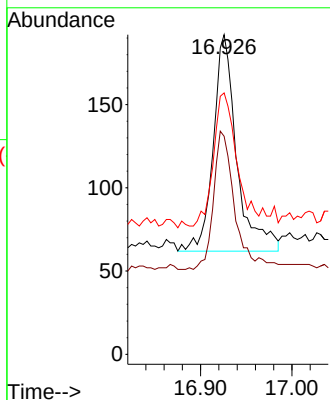
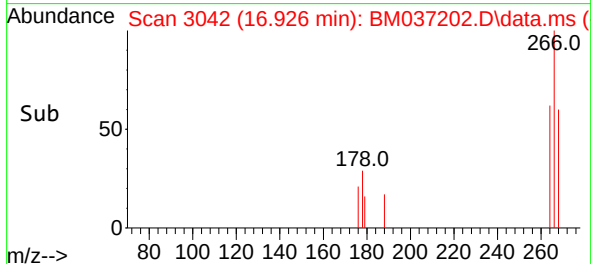
Instrument :
BNA_M
ClientSampleId :
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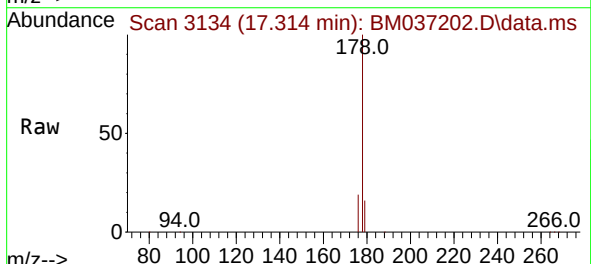
Tgt Ion:266 Resp: 233
Ion Ratio Lower Upper
266 100
264 60.5 49.4 74.0
268 64.8 50.5 75.7

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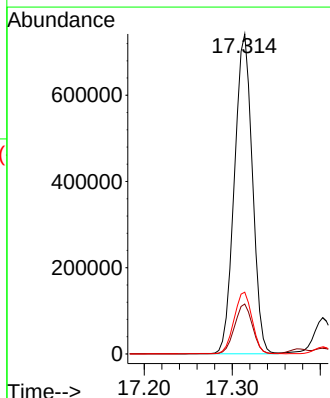
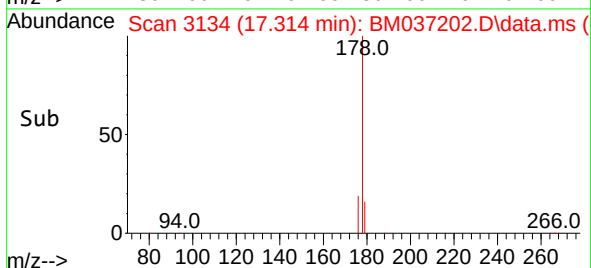
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

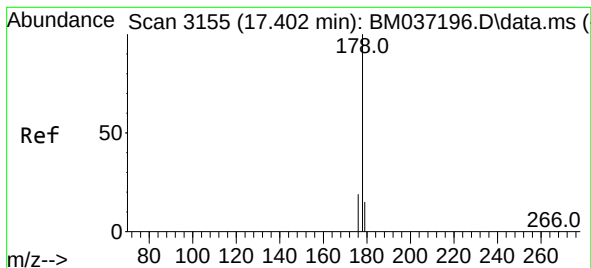


#15
Phenanthrene
Concen: 14.501 ng/uI
RT: 17.314 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15



Tgt Ion:178 Resp: 1048252
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.3 16.1 24.1





#16

Anthracene

Concen: 2.028 ng/u1

RT: 17.403 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BM037202.D

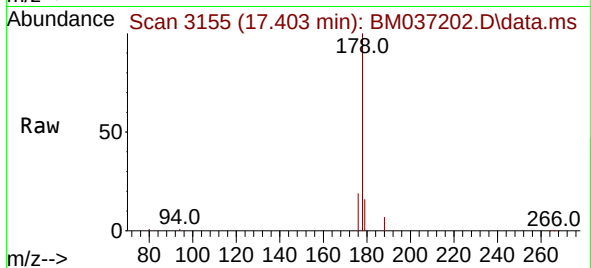
Acq: 24 Oct 2022 14:15

Instrument :

BNA_M

ClientSampleId :

C0BE5



Tgt Ion:178 Resp: 116099

Ion Ratio Lower Upper

178 100

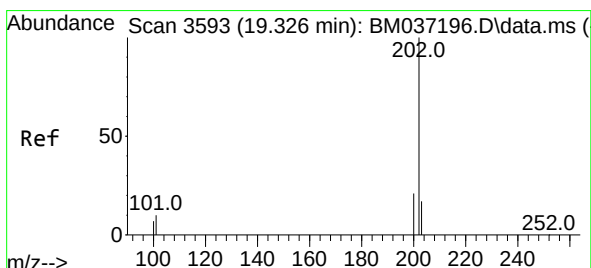
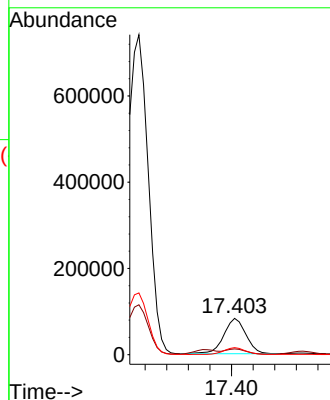
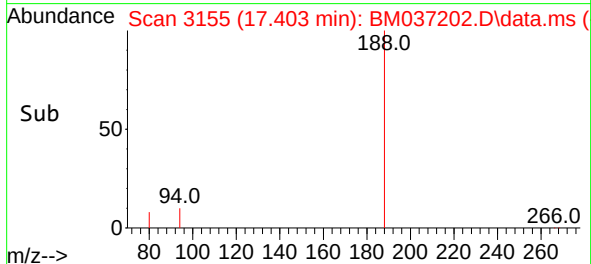
179 16.1 13.1 19.7

176 19.2 15.3 22.9

Manual Integrations

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#19

Fluoranthene

Concen: 21.292 ng/u1

RT: 19.327 min Scan# 3593

Delta R.T. 0.000 min

Lab File: BM037202.D

Acq: 24 Oct 2022 14:15

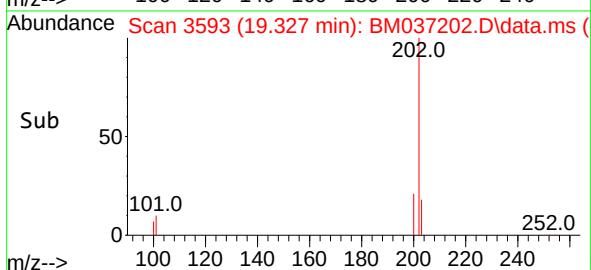
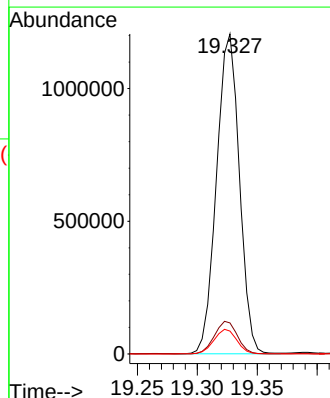
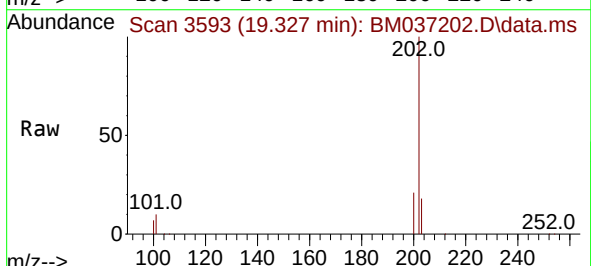
Tgt Ion:202 Resp: 1597434

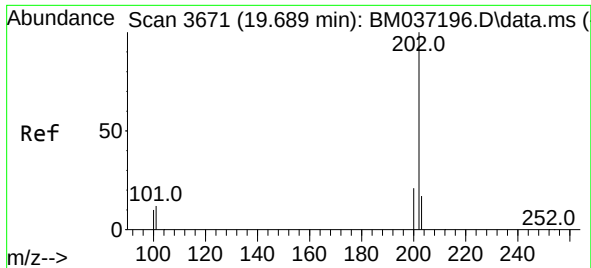
Ion Ratio Lower Upper

202 100

101 9.7 8.9 13.3

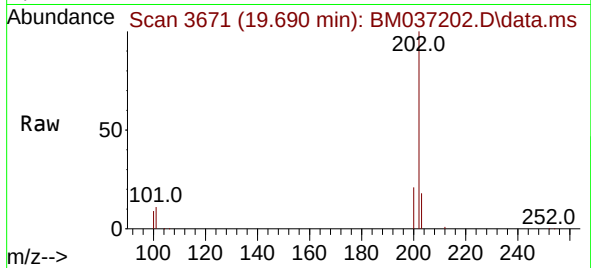
100 7.1 6.9 10.3





#20
Pyrene
Concen: 17.025 ng/u1
RT: 19.690 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

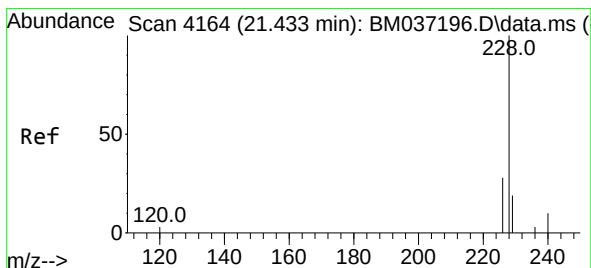
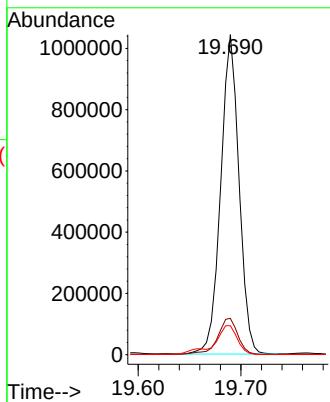
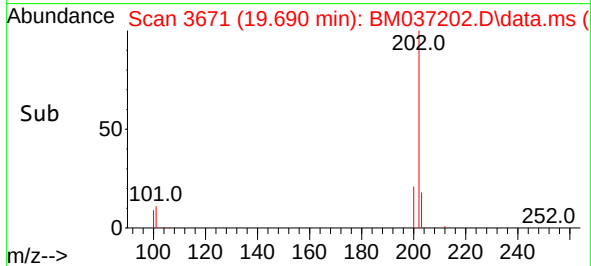
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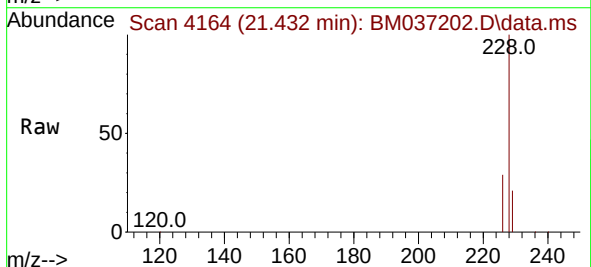
Tgt Ion:202 Resp: 129485
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 9.0 7.8 11.8

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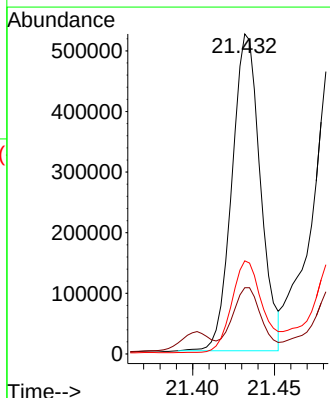
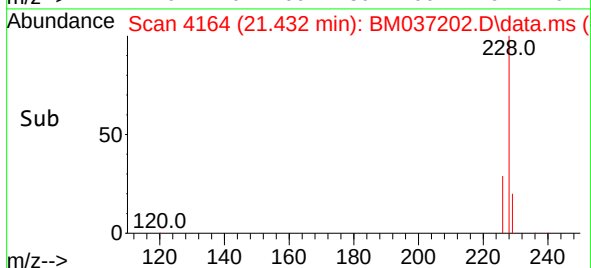
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

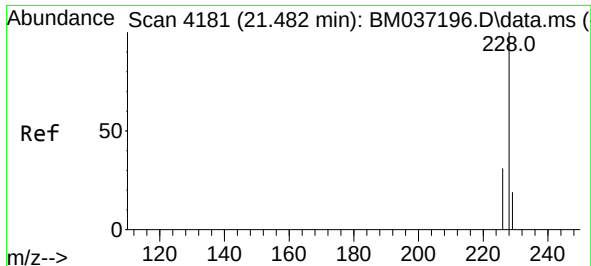


#21
Benzo(a)anthracene
Concen: 9.448 ng/u1
RT: 21.432 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15



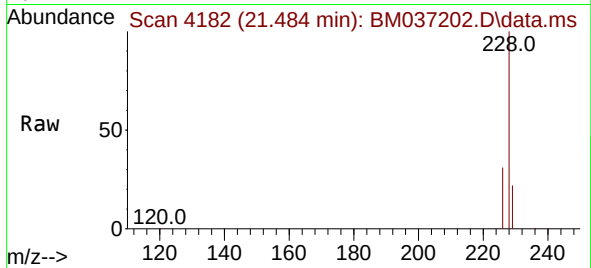
Tgt Ion:228 Resp: 633203
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 29.1 21.8 32.8





#22
Chrysene
Concen: 9.422 ng/u1
RT: 21.484 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

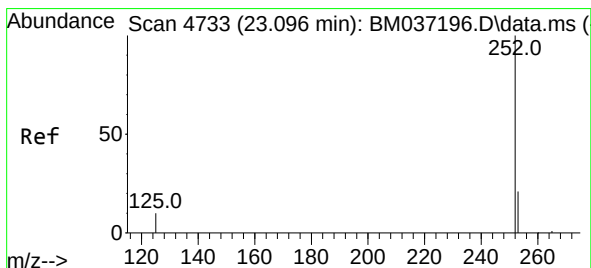
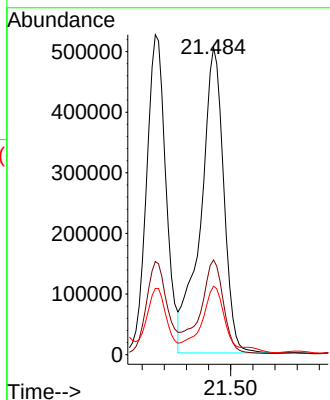
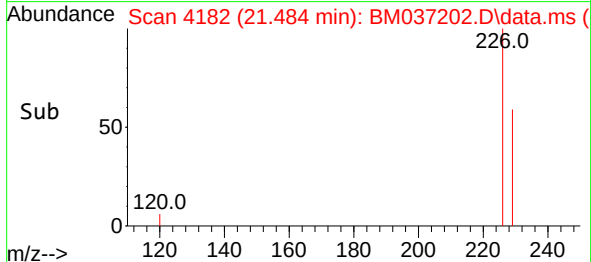
Instrument :
BNA_M
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C0BE5



Tgt Ion:228 Resp: 72656
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.3 16.0 24.0

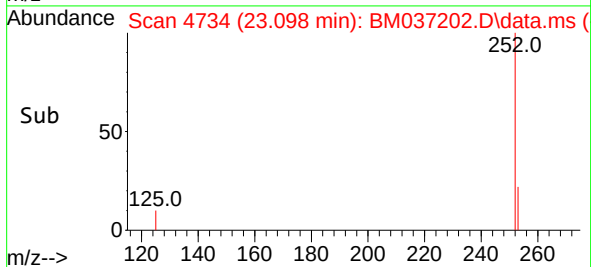
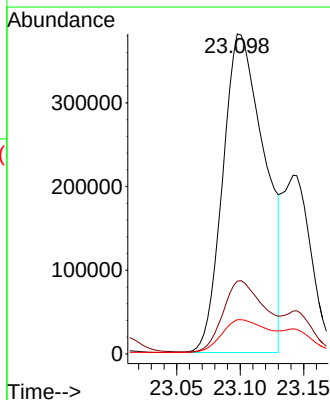
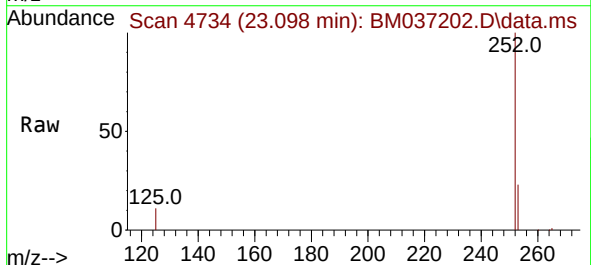
Manual Integrations
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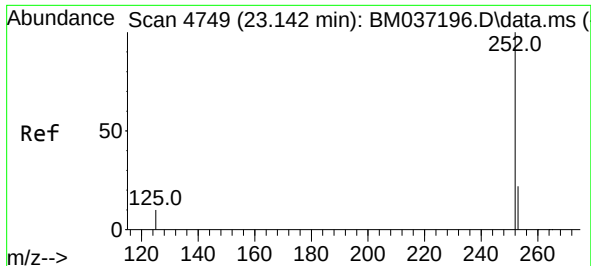
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 10.460 ng/u1
RT: 23.098 min Scan# 4734
Delta R.T. 0.003 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

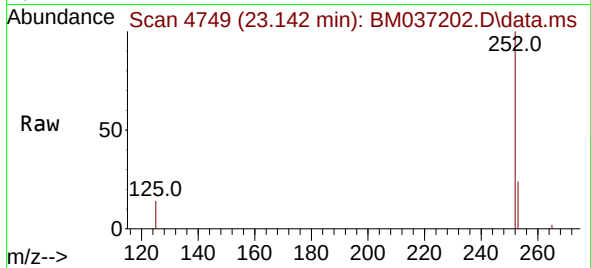
Tgt Ion:252 Resp: 869823
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.6
125 10.7 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 3.766 ng/ul m
RT: 23.142 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

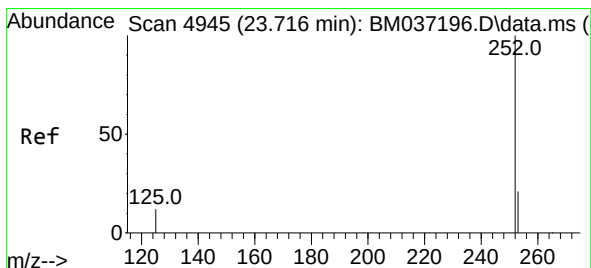
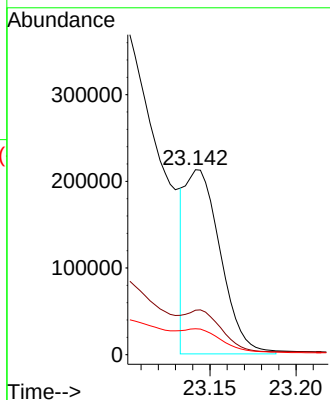
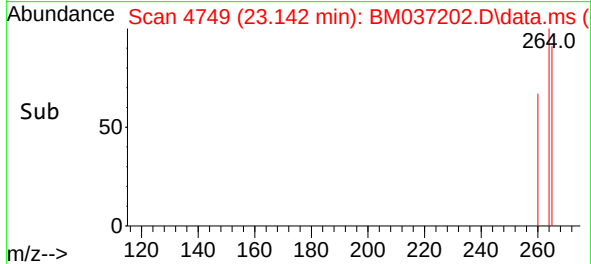
Instrument :
BNA_M
ClientSampleId :
C0BE5



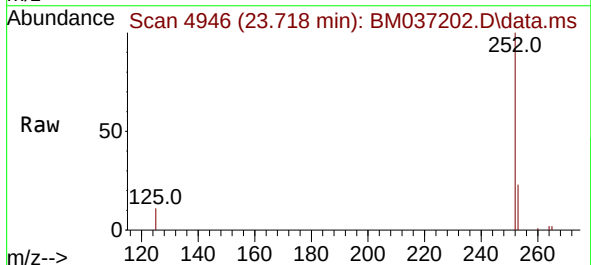
Tgt Ion:252 Resp: 302650
Ion Ratio Lower Upper
252 100
253 24.0 20.6 30.8
125 14.0 13.3 19.9

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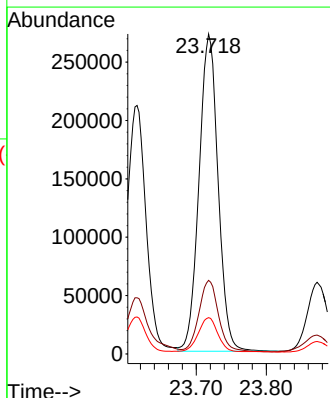
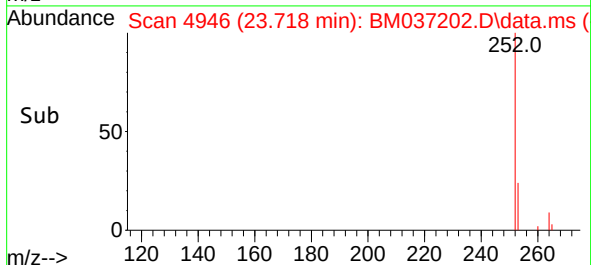
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

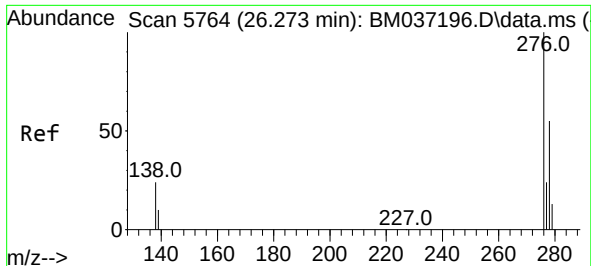


#26
Benzo(a)pyrene
Concen: 7.695 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. 0.006 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15



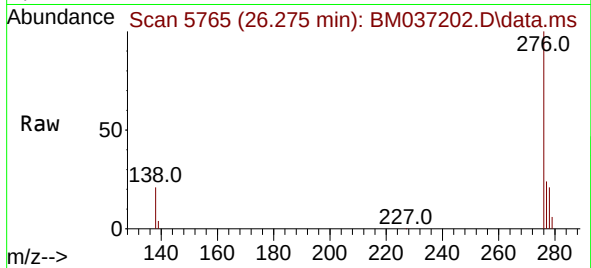
Tgt Ion:252 Resp: 513821
Ion Ratio Lower Upper
252 100
253 23.0 22.1 33.1
125 11.4 17.6 26.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.002 ng/ul
RT: 26.275 min Scan# 5764
Delta R.T. 0.000 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

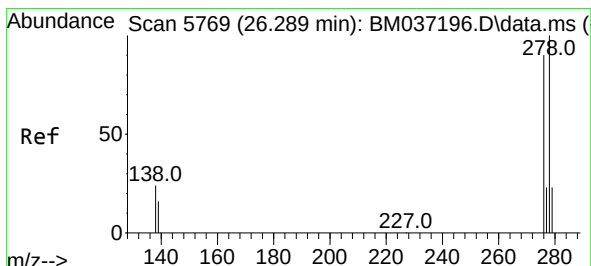
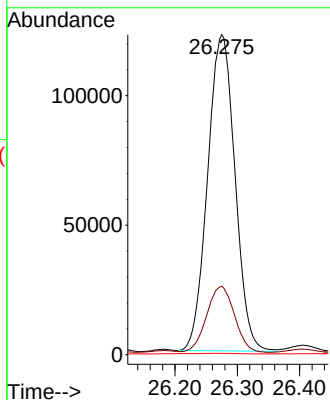
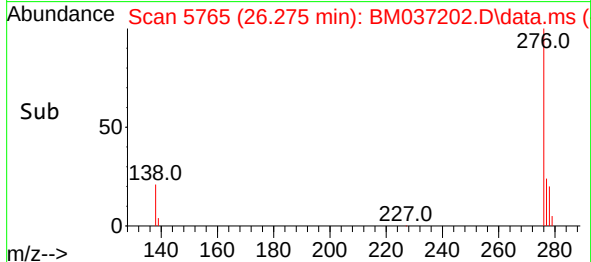
Instrument :
BNA_M
ClientSampleId :
C0BE5



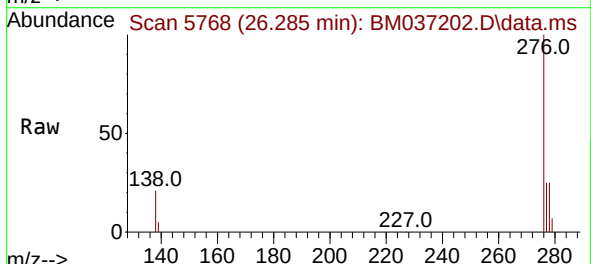
Tgt Ion:276 Resp: 373235
Ion Ratio Lower Upper
276 100
138 21.2 21.4 32.0
227 0.3 0.1 0.1

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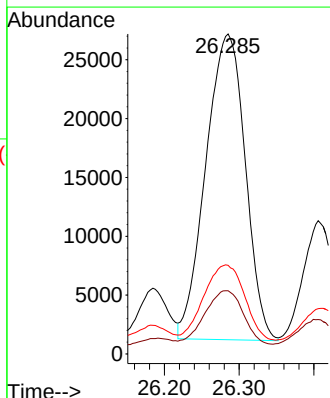
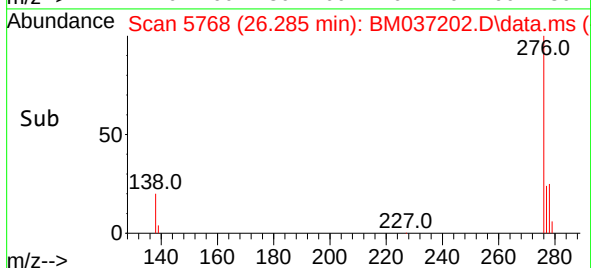
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

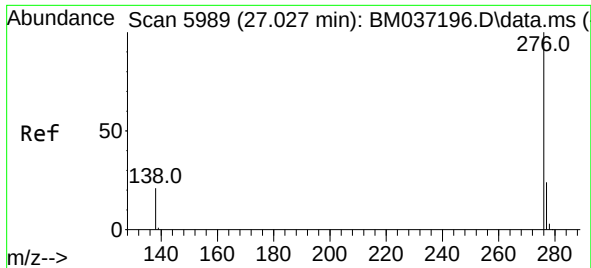


#28
Dibenzo(a,h)anthracene
Concen: 1.297 ng/ul
RT: 26.285 min Scan# 5768
Delta R.T. -0.007 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15



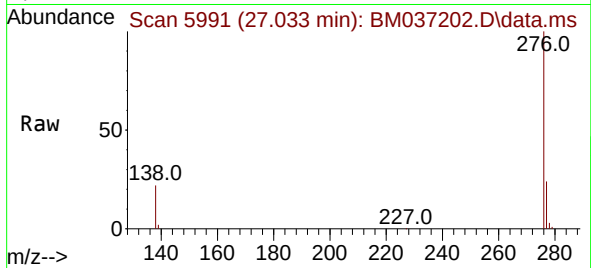
Tgt Ion:278 Resp: 95417
Ion Ratio Lower Upper
278 100
139 19.7 16.3 24.5
279 27.7 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 3.734 ng/ul
RT: 27.033 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM037202.D
Acq: 24 Oct 2022 14:15

Instrument :
BNA_M
ClientSampleId :
C0BE5



Tgt Ion: 276 Resp: 30631
Ion Ratio Lower Upper
276 100
138 22.0 19.8 29.8
277 24.1 20.1 30.1

Manual Integrations
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Supervised By :mohammad ahmed 10/27/2022

