

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037226.D
 Acq On : 25 Oct 2022 13:45
 Operator : CG/JU
 Sample : N5144-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBLO

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 31 00:57:15 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	5354	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	17298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	10672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	22200	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	17658	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	13742	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	23468	3.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	6633	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	16113	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	5272	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.360	142	3683	0.120	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	3043	0.097	ng/ul	100
10) Acenaphthylene	14.252	152	3016	0.066	ng/ul#	87
11) Acenaphthene	14.594	153	1913	0.046	ng/ul	100
12) Fluorene	15.580	166	2231	0.046	ng/ul#	96
15) Phenanthrene	17.310	178	35058	0.468	ng/ul	99
16) Anthracene	17.403	178	8033	0.135	ng/ul	95
19) Fluoranthene	19.322	202	66210	0.863	ng/ul	98
20) Pyrene	19.690	202	57520m	0.740	ng/ul	
21) Benzo(a)anthracene	21.429	228	29367	0.429	ng/ul	97
22) Chrysene	21.481	228	30452	0.386	ng/ul	97
24) Benzo(b)fluoranthene	23.095	252	31342	0.431	ng/ul	96
25) Benzo(k)fluoranthene	23.138	252	11993m	0.170	ng/ul	
26) Benzo(a)pyrene	23.711	252	19452	0.333	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.271	276	12468	0.153	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.282	278	3273	0.051	ng/ul#	65
29) Benzo(g,h,i)perylene	27.026	276	10921	0.152	ng/ul	98

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

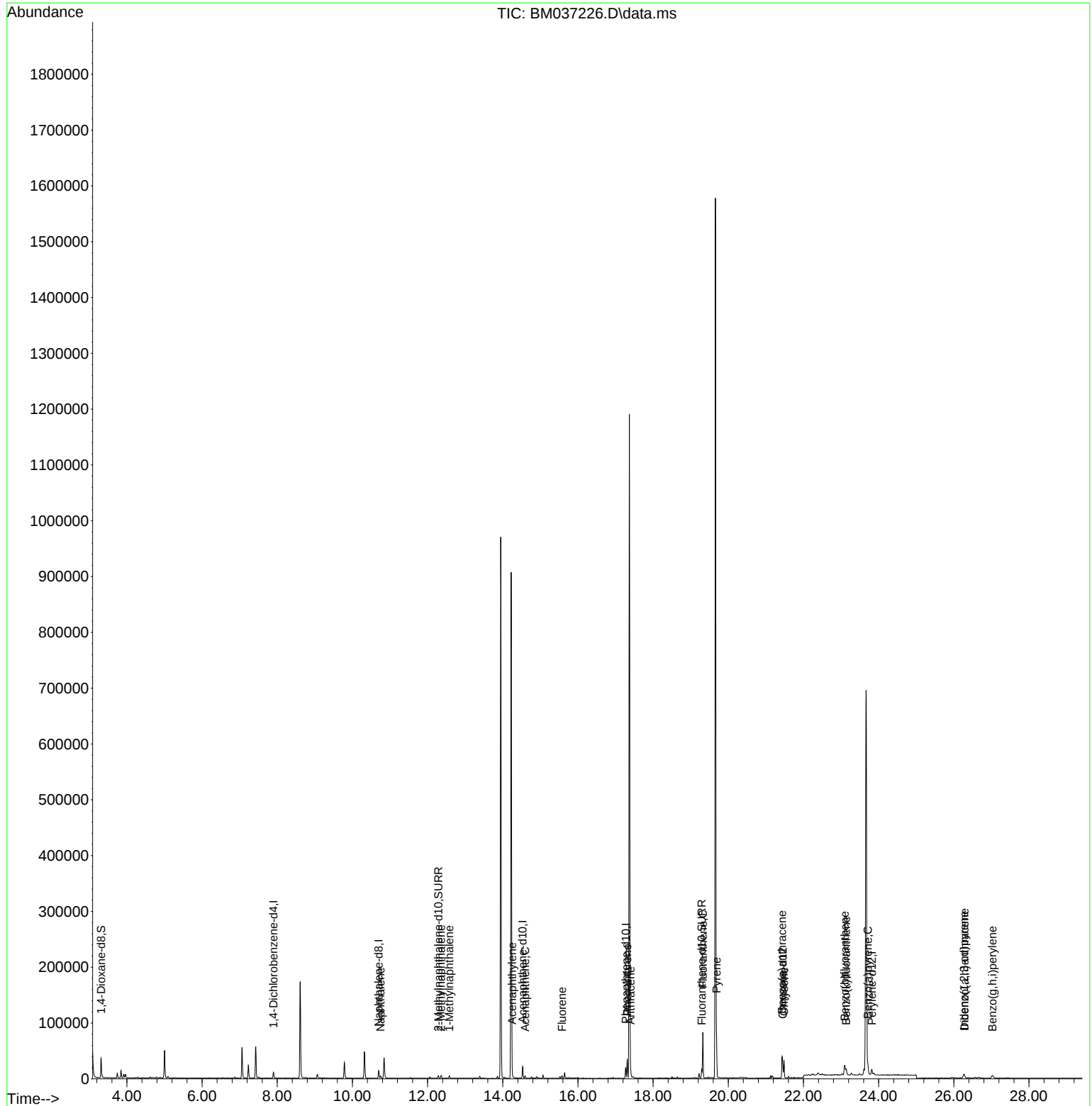
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037226.D
Acq On : 25 Oct 2022 13:45
Operator : CG/JU
Sample : N5144-04
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ALS Vial : 8 Sample Multiplier: 1

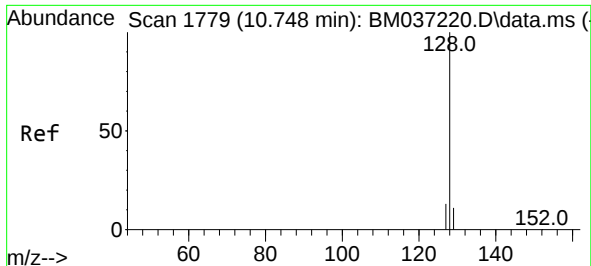
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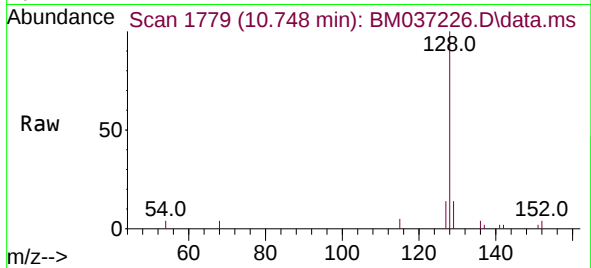
Quant Time: Oct 31 00:57:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

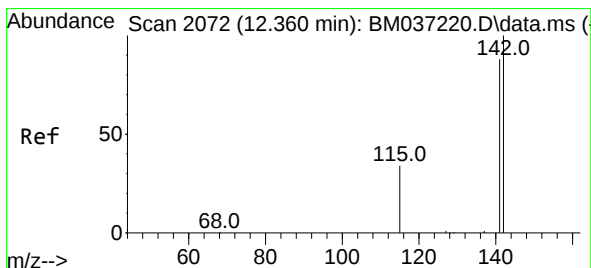
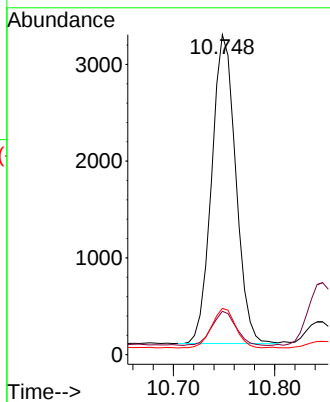
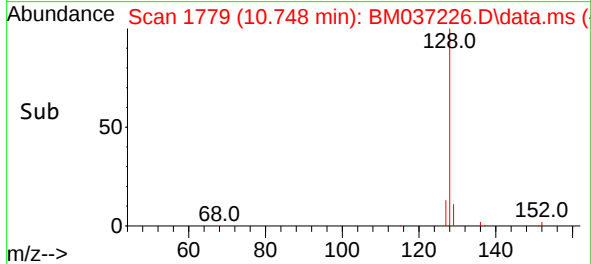
Instrument :
BNA_M
ClientSampleId :
COBLO



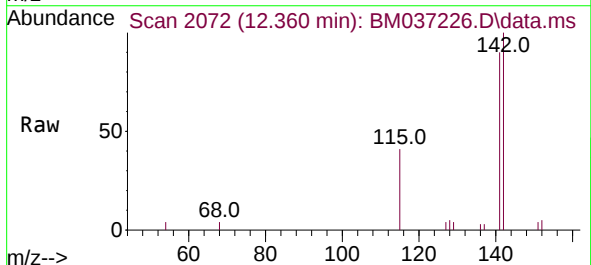
Tgt Ion:128 Resp: 5272
Ion Ratio Lower Upper
128 100
129 13.5 9.3 13.9
127 14.4 10.5 15.7

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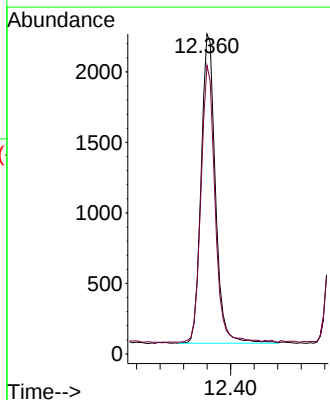
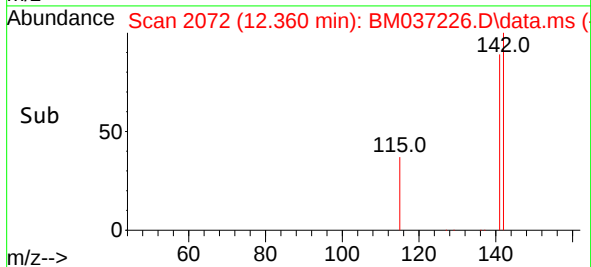
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

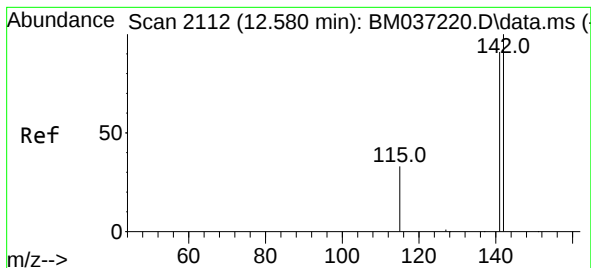


#7
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45



Tgt Ion:142 Resp: 3683
Ion Ratio Lower Upper
142 100
141 89.3 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.097 ng/ul

RT: 12.580 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BM037226.D

Acq: 25 Oct 2022 13:45

Instrument :

BNA_M

ClientSampleId :

COBLO

Tgt Ion:142 Resp: 3043

Ion Ratio Lower Upper

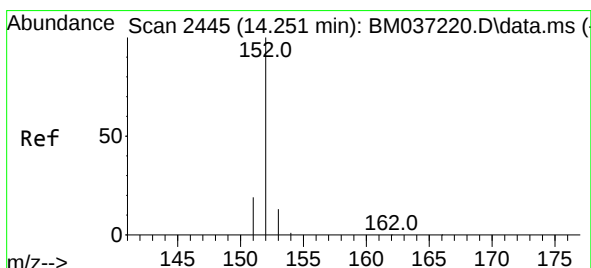
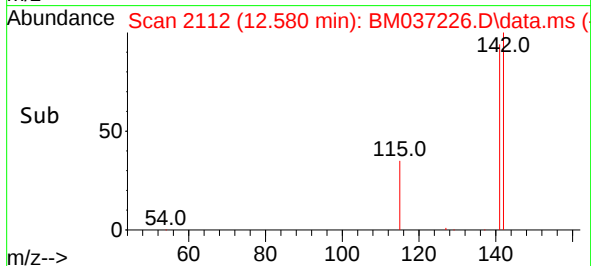
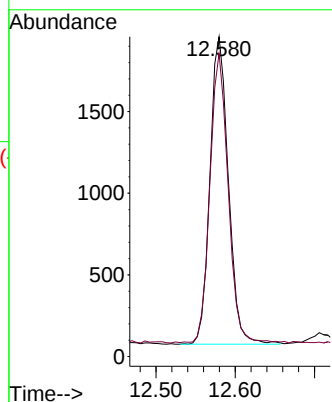
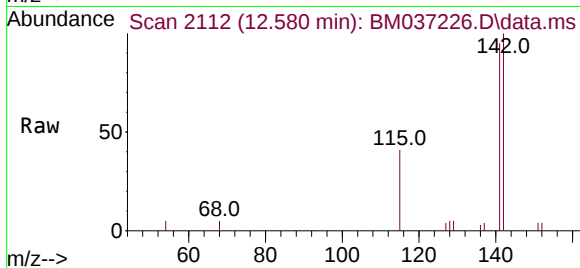
142 100

141 92.7 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.066 ng/ul

RT: 14.252 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BM037226.D

Acq: 25 Oct 2022 13:45

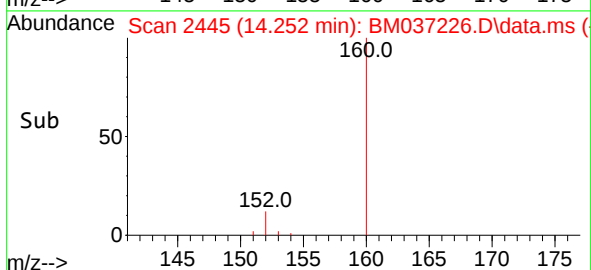
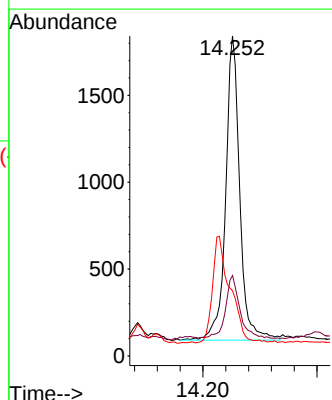
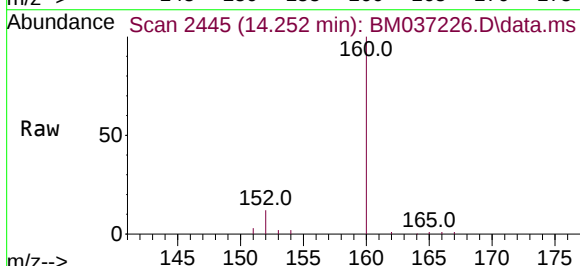
Tgt Ion:152 Resp: 3016

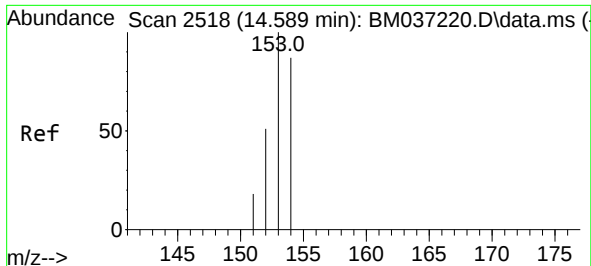
Ion Ratio Lower Upper

152 100

151 25.1 16.2 24.2#

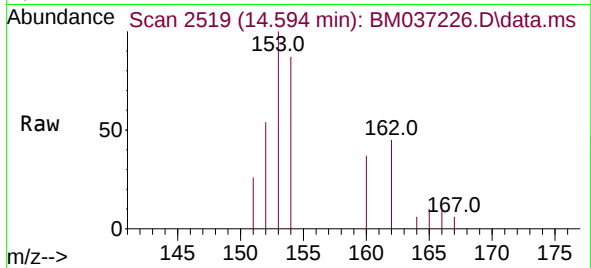
153 20.4 10.8 16.2#





#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.594 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

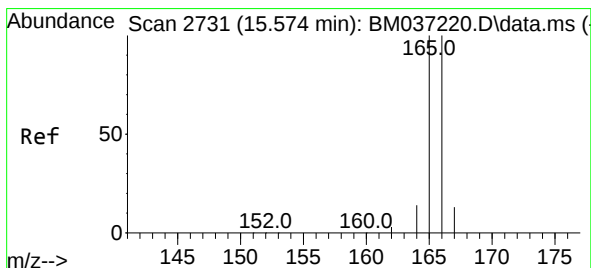
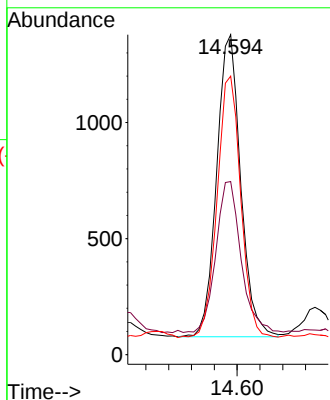
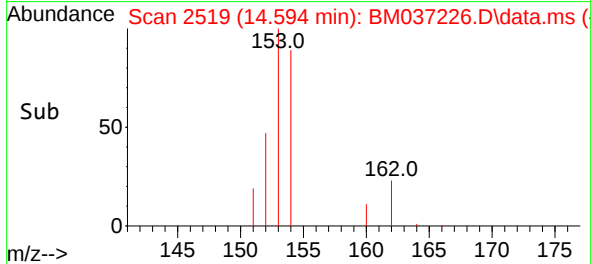
Instrument :
BNA_M
ClientSampleId :
COBLO



Tgt Ion:153 Resp: 1913
Ion Ratio Lower Upper
153 100
152 54.1 43.3 64.9
154 87.0 70.0 105.0

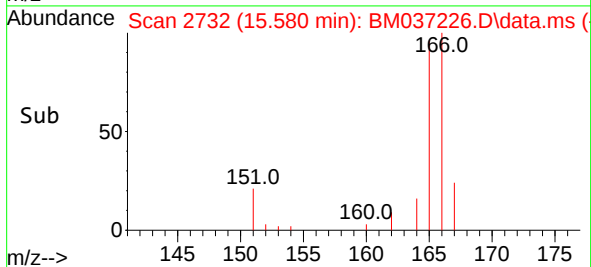
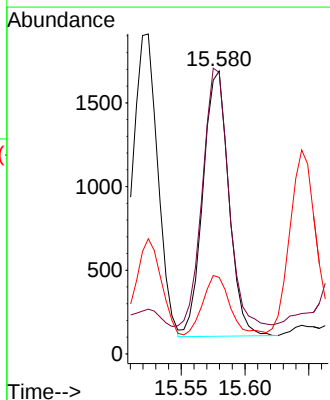
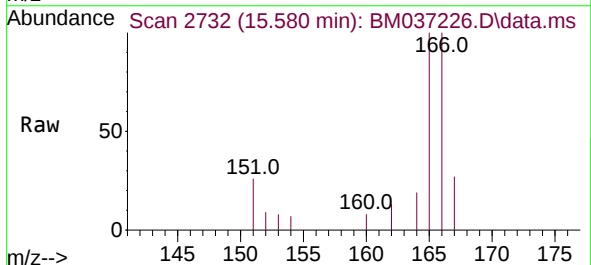
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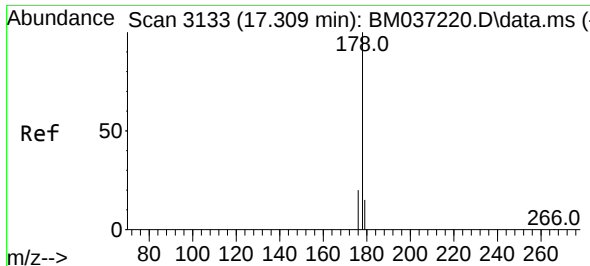
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.580 min Scan# 2732
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

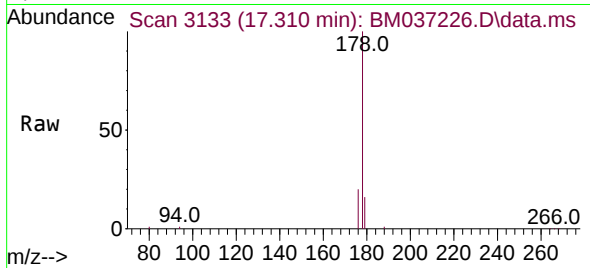
Tgt Ion:166 Resp: 2231
Ion Ratio Lower Upper
166 100
165 99.5 79.4 119.2
167 27.1 11.3 16.9#





#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

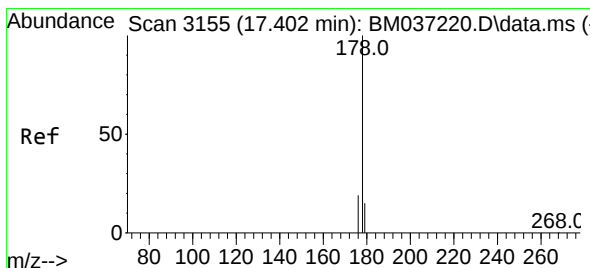
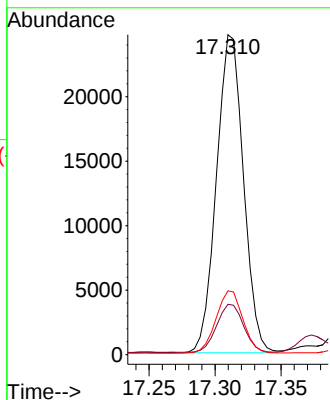
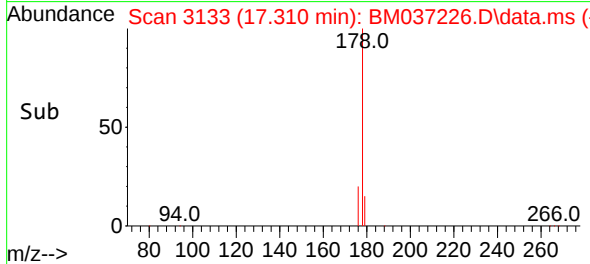
Instrument :
BNA_M
ClientSampleId :
COBLO



Tgt Ion:178 Resp: 35058
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.9 16.1 24.1

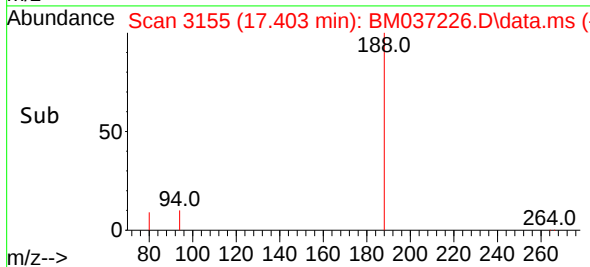
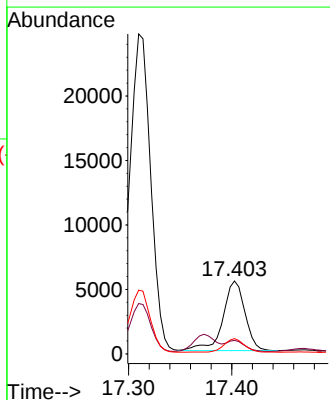
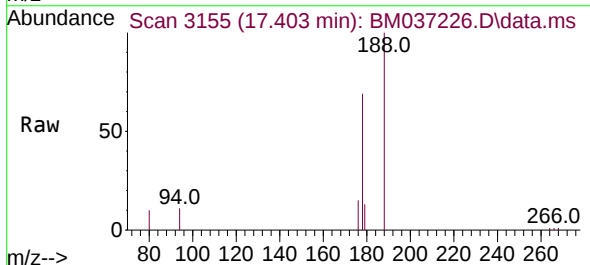
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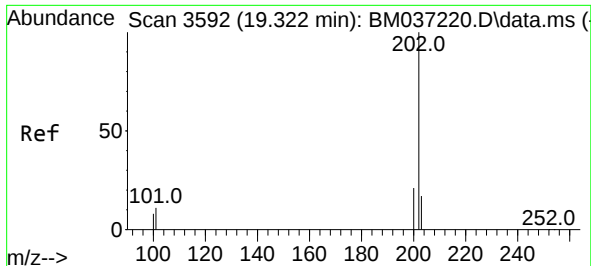
Reviewed By :Jagrut Upadhyay 11/01/2022
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#16
Anthracene
Concen: 0.135 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

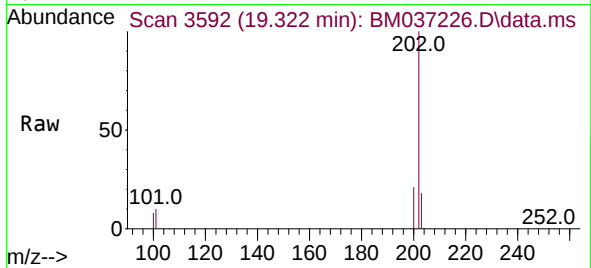
Tgt Ion:178 Resp: 8033
Ion Ratio Lower Upper
178 100
179 18.6 13.1 19.7
176 21.0 15.3 22.9





#19
Fluoranthene
Concen: 0.863 ng/ul
RT: 19.322 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

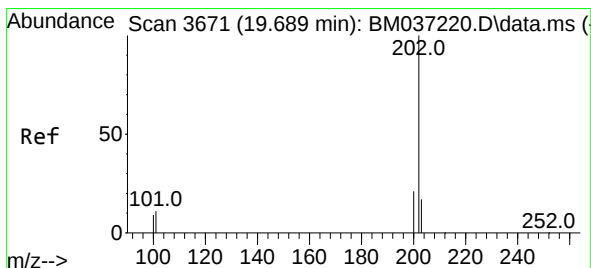
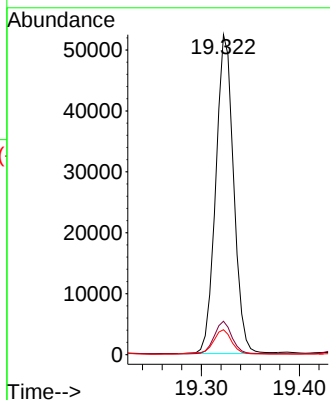
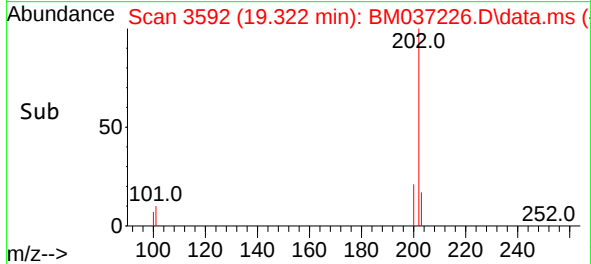
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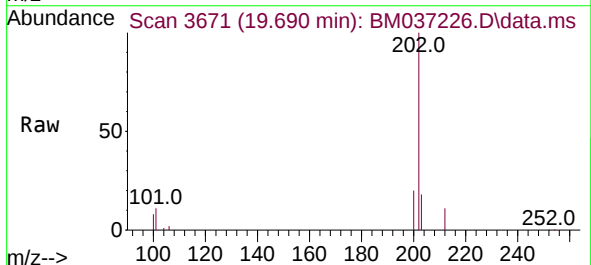
Tgt Ion:202 Resp: 66210
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 7.8 6.9 10.3

Manual Integrations
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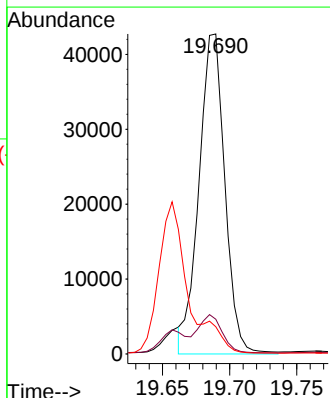
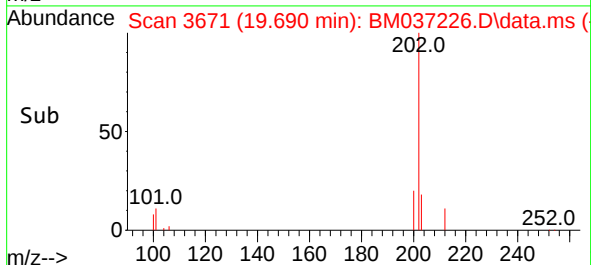
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

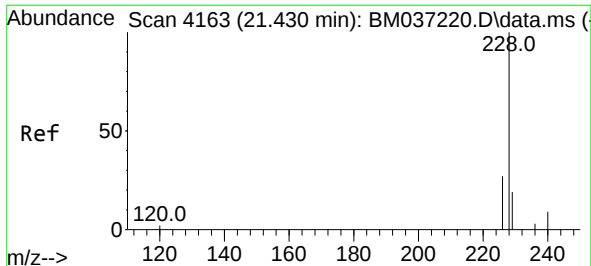


#20
Pyrene
Concen: 0.740 ng/ul m
RT: 19.690 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45



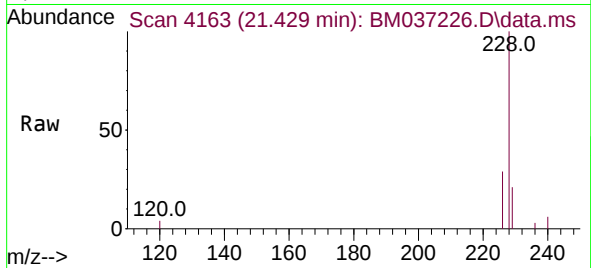
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Ion Ratio Lower Upper
202 100
101 10.8 9.7 14.5
100 8.5 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

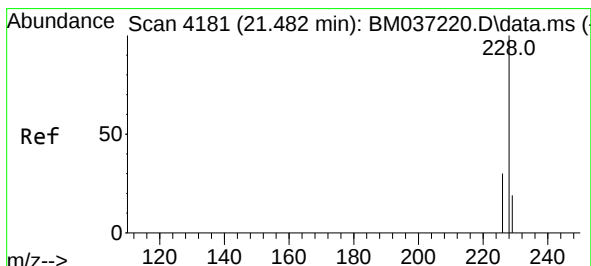
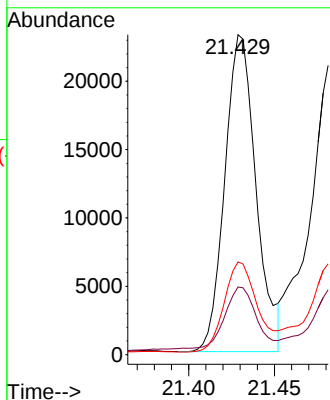
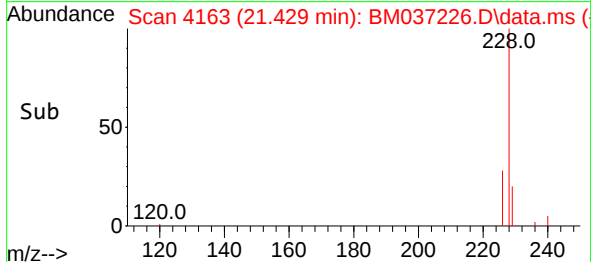
Instrument :
BNA_M
ClientSampleId :
COBLO



Tgt Ion:228 Resp: 29362
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.0 21.8 32.8

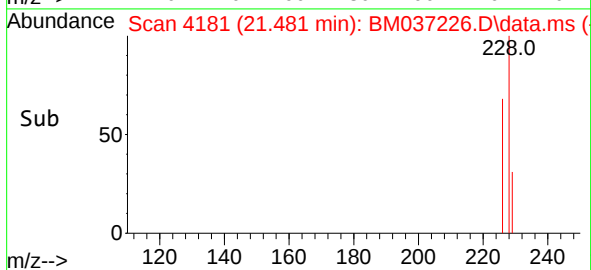
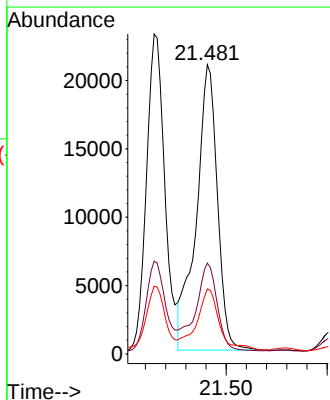
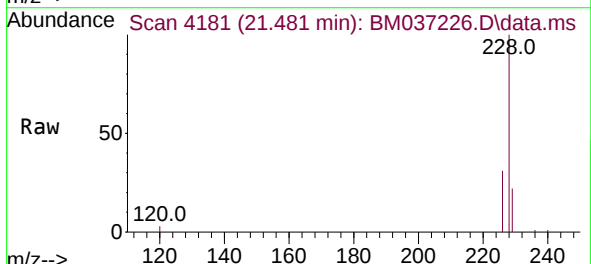
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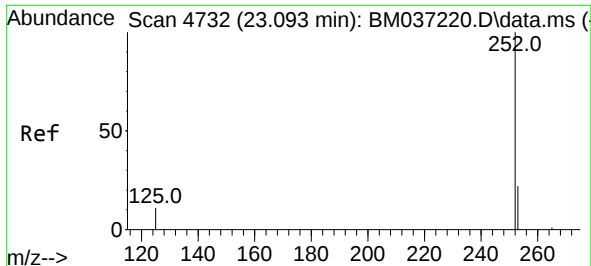
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

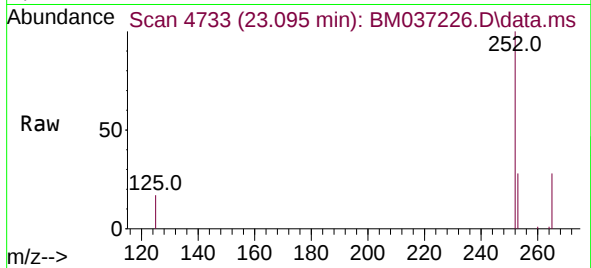
Tgt Ion:228 Resp: 30452
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.095 min Scan# 4732
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

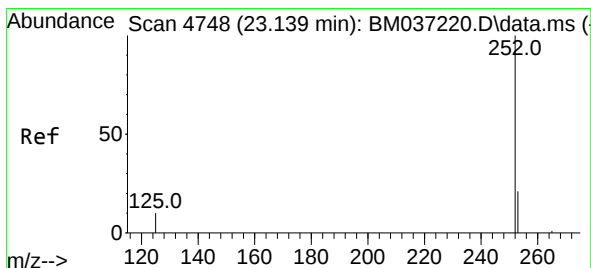
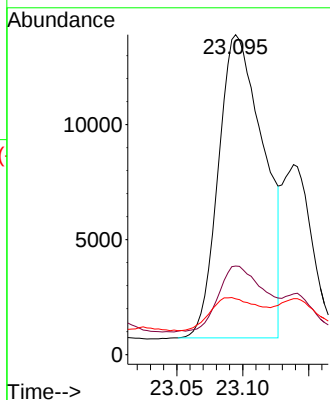
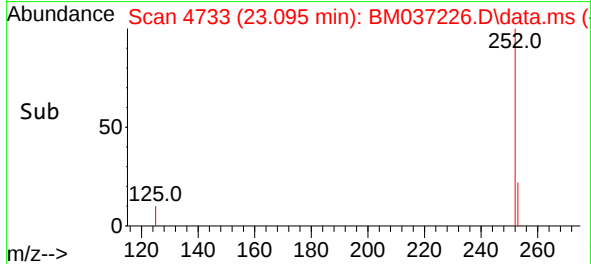
Instrument :
BNA_M
ClientSampleId :
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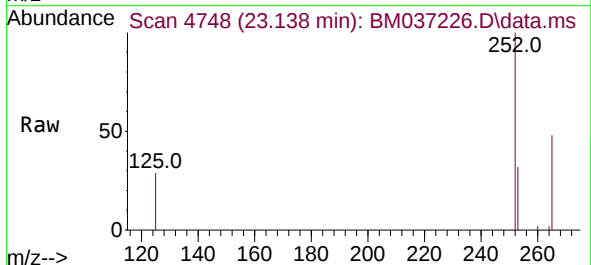
Tgt Ion:252 Resp: 31342
Ion Ratio Lower Upper
252 100
253 27.7 0.0 50.6
125 17.4 0.0 32.6

Manual Integrations
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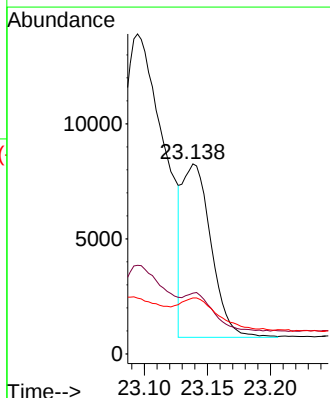
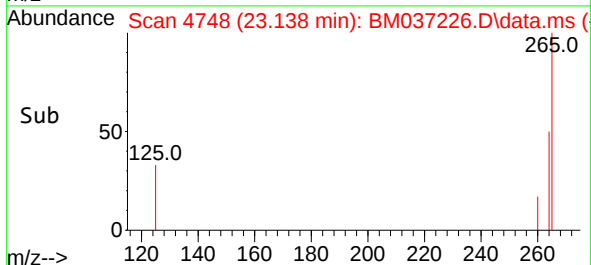
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

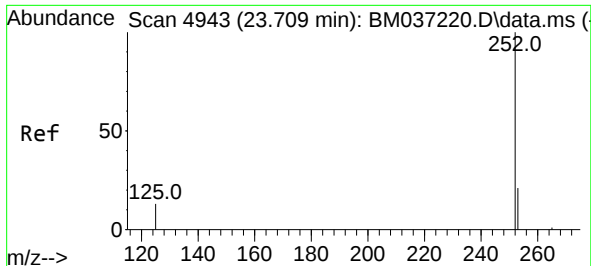


#25
Benzo(k)fluoranthene
Concen: 0.170 ng/ul m
RT: 23.138 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45



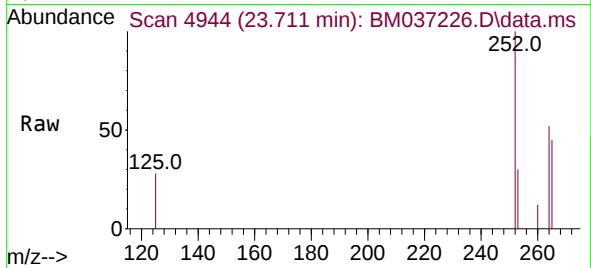
Tgt Ion:252 Resp: 11993
Ion Ratio Lower Upper
252 100
253 31.9 20.6 30.8#
125 29.4 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.711 min Scan# 4943
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

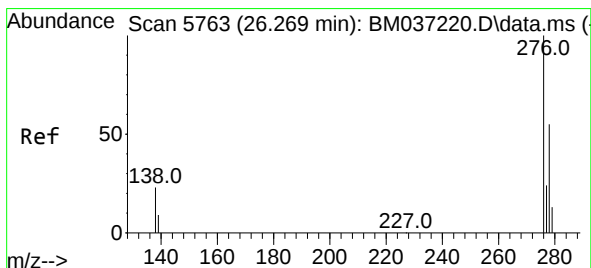
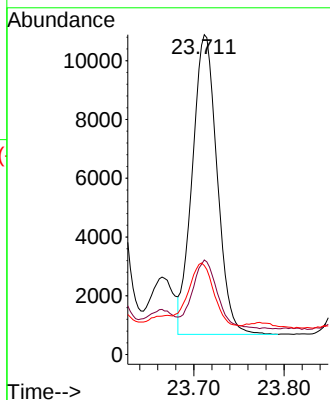
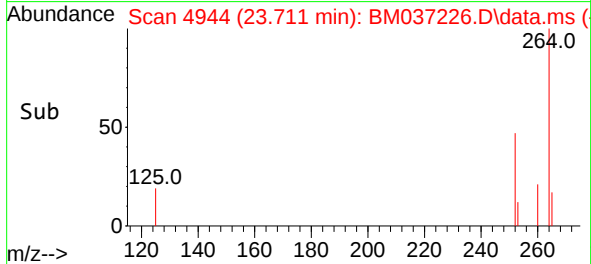
Instrument :
BNA_M
ClientSampleId :
COBLO



Tgt Ion:252 Resp: 19452
Ion Ratio Lower Upper
252 100
253 29.6 22.1 33.1
125 27.8 17.6 26.4

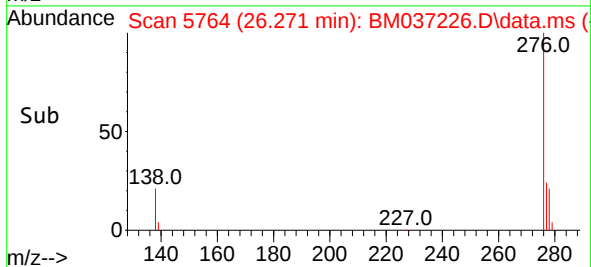
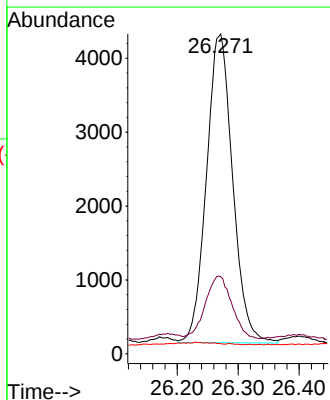
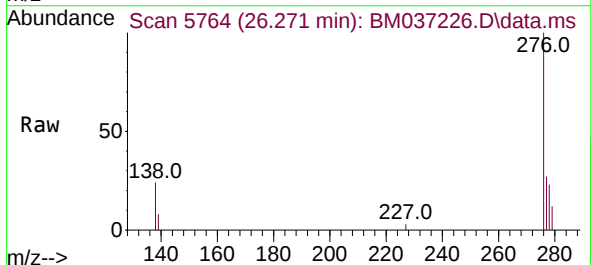
Manual Integrations
APPROVED

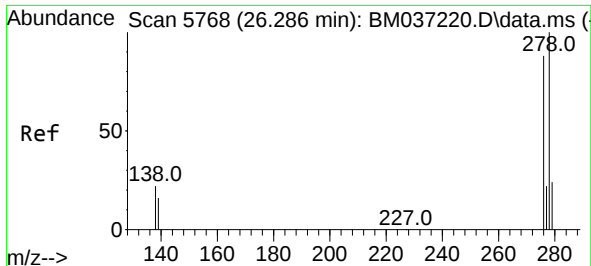
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.153 ng/ul
RT: 26.271 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

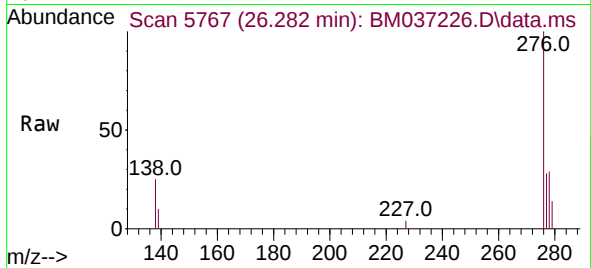
Tgt Ion:276 Resp: 12468
Ion Ratio Lower Upper
276 100
138 20.5 21.4 32.0#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.282 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

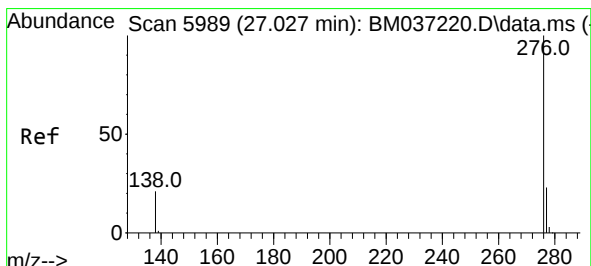
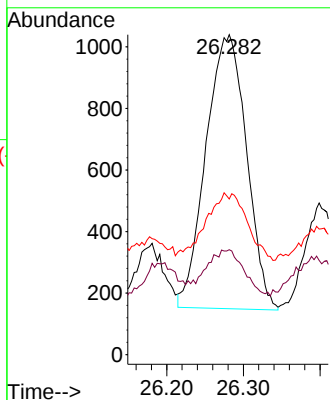
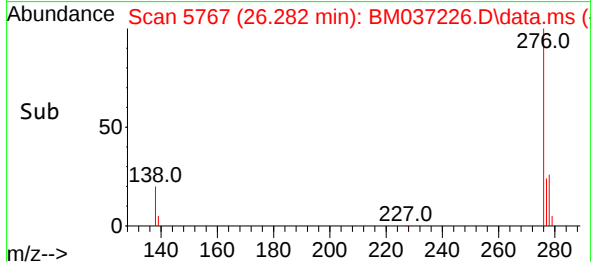
Instrument :
BNA_M
ClientSampleId :
COBLO



Tgt Ion:278 Resp: 3273
Ion Ratio Lower Upper
278 100
139 32.8 16.3 24.5
279 48.7 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 27.026 min Scan# 5989
Delta R.T. -0.000 min
Lab File: BM037226.D
Acq: 25 Oct 2022 13:45

Tgt Ion:276 Resp: 10921
Ion Ratio Lower Upper
276 100
138 25.6 19.8 29.8
277 26.8 20.1 30.1

