

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040862.D
 Acq On : 13 Jul 2023 23:03
 Operator : MA/JU
 Sample : 03418-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:18:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

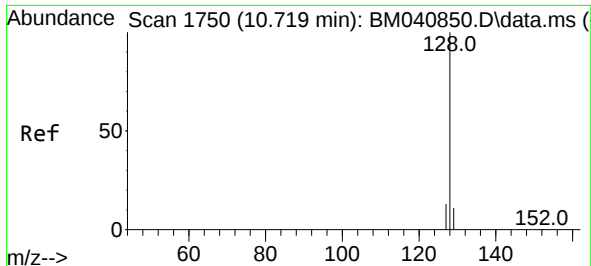
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	5640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	20403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	9229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	17214	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9950	0.400	ng/ul	# 0.00
23) Perylene-d12	23.830	264	10175	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	16882	1.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	4026	0.141	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5726	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1791	0.032	ng/ul#	85
11) Acenaphthene	14.573	153	1410	0.040	ng/ul	98
12) Fluorene	15.563	166	1641	0.044	ng/ul#	98
15) Phenanthrene	17.303	178	27036	0.506	ng/ul	99
16) Anthracene	17.392	178	4830	0.107	ng/ul	95
19) Fluoranthene	19.320	202	51765	1.225	ng/ul	98
20) Pyrene	19.687	202	38851m	0.857	ng/ul	
21) Benzo(a)anthracene	21.433	228	15479	0.460	ng/ul	97
22) Chrysene	21.486	228	19750	0.514	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	23921	0.607	ng/ul	99
25) Benzo(k)fluoranthene	23.152	252	8836m	0.228	ng/ul	
26) Benzo(a)pyrene	23.722	252	14014	0.395	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.287	276	11789	0.239	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.300	278	2628	0.068	ng/ul#	64
29) Benzo(g,h,i)perylene	27.048	276	11839	0.273	ng/ul	99

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

Manual Integrations

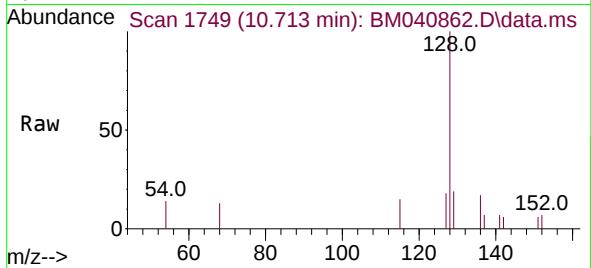
Quant Time: Jul 14 03:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/uI
RT: 10.713 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

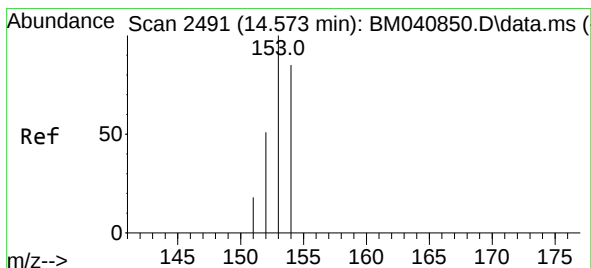
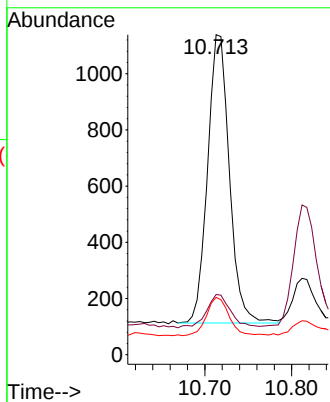
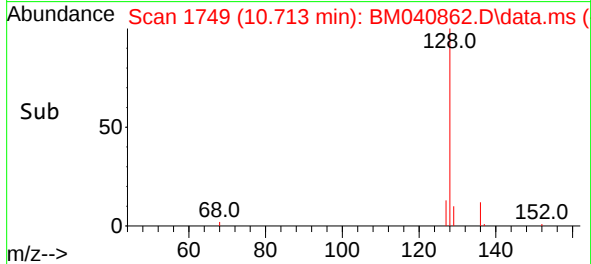
Instrument :
BNA_M
ClientSampleId :
A46J1



Tgt Ion:128 Resp: 179
Ion Ratio Lower Upper
128 100
129 18.8 9.2 13.8
127 17.9 10.6 15.8

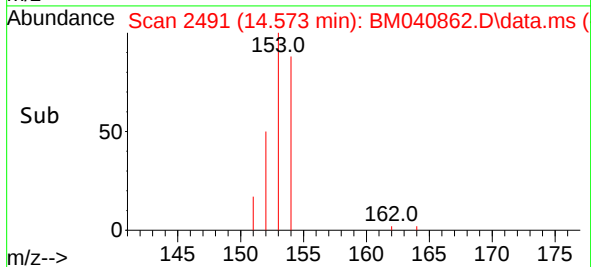
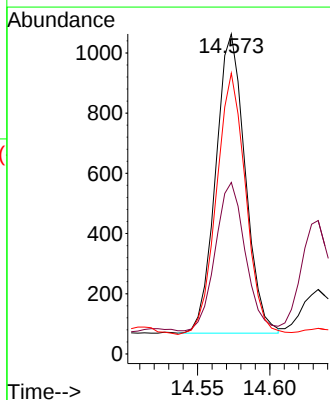
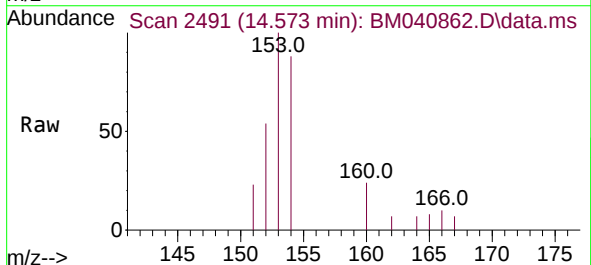
Manual Integrations
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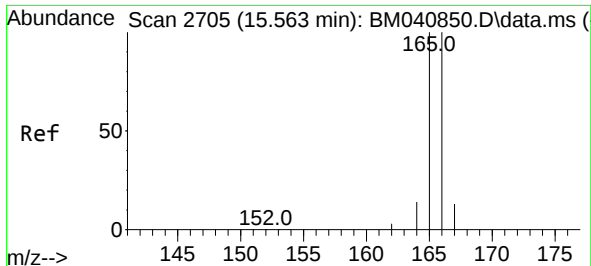
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#11
Acenaphthene
Concen: 0.040 ng/uI
RT: 14.573 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

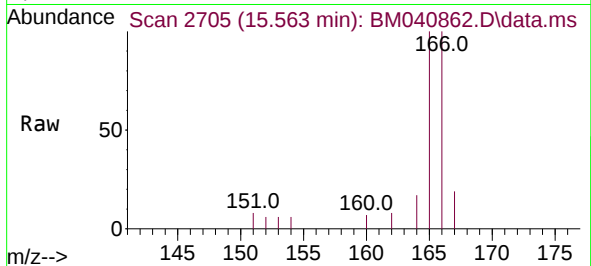
Tgt Ion:153 Resp: 1410
Ion Ratio Lower Upper
153 100
152 53.6 41.0 61.4
154 87.8 70.8 106.2





#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

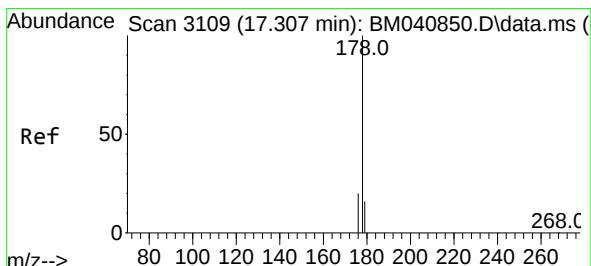
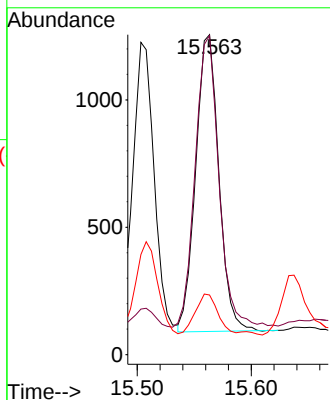
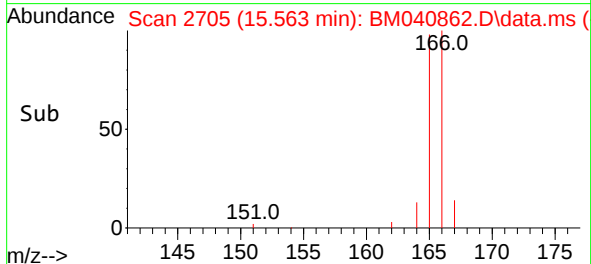
Instrument :
BNA_M
ClientSampleId :
A46J1



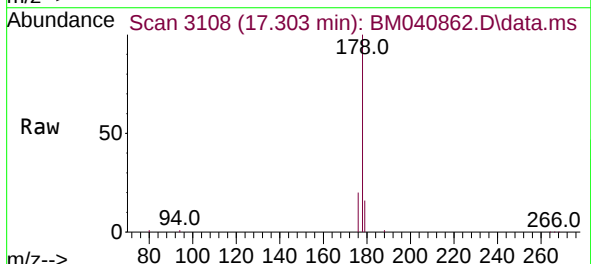
Tgt Ion:166 Resp: 164
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 18.6 11.4 17.0

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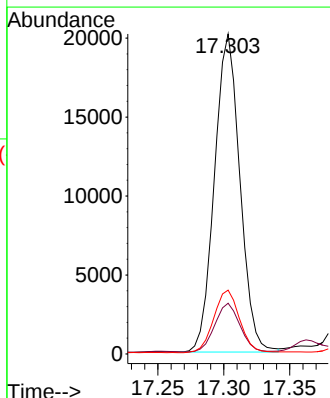
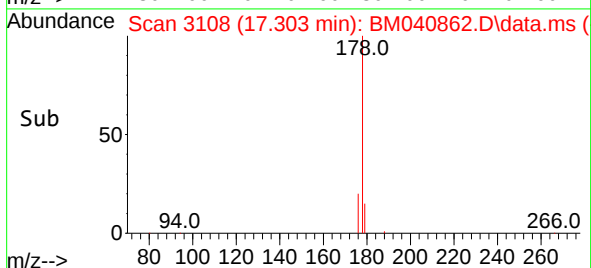
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

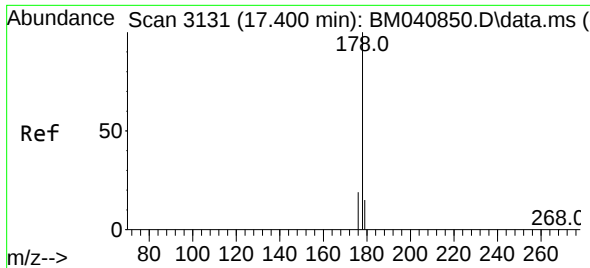


#15
Phenanthrene
Concen: 0.506 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03



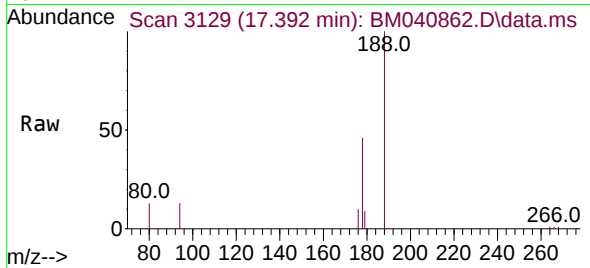
Tgt Ion:178 Resp: 27036
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.0 16.4 24.6





#16
 Anthracene
 Concen: 0.107 ng/ul
 RT: 17.392 min Scan# 3131
 Delta R.T. -0.009 min
 Lab File: BM040862.D
 Acq: 13 Jul 2023 23:03

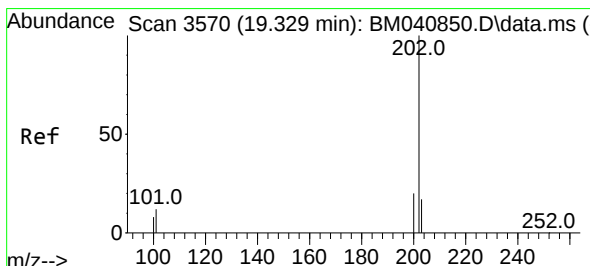
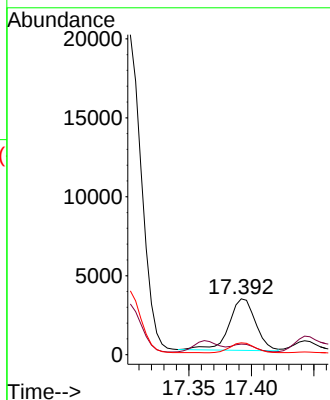
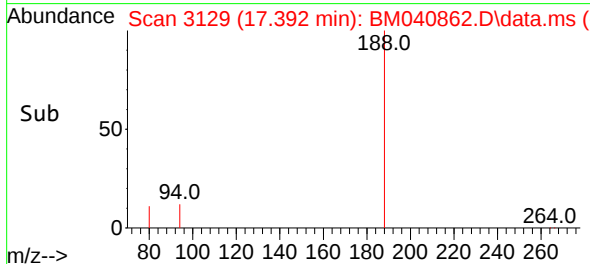
Instrument :
 BNA_M
 ClientSampleId :
 A46J1



Tgt Ion:178 Resp: 4830
 Ion Ratio Lower Upper
 178 100
 179 19.0 12.9 19.3
 176 21.2 15.8 23.6

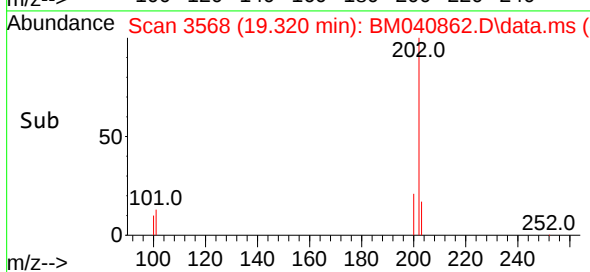
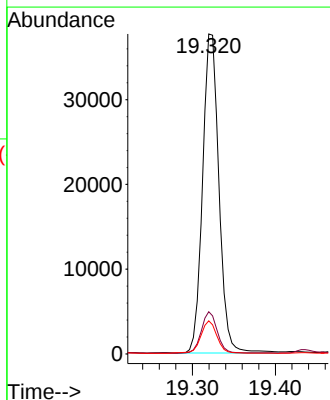
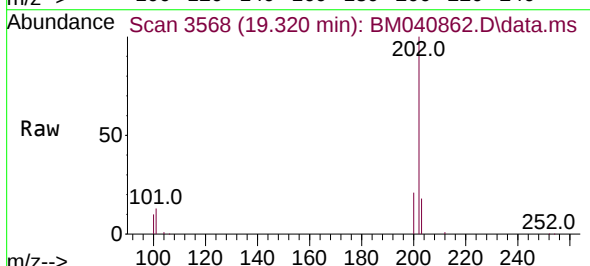
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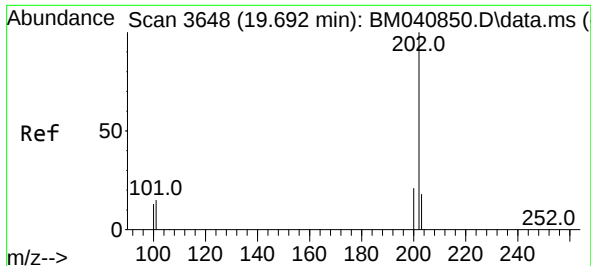
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 1.225 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.009 min
 Lab File: BM040862.D
 Acq: 13 Jul 2023 23:03

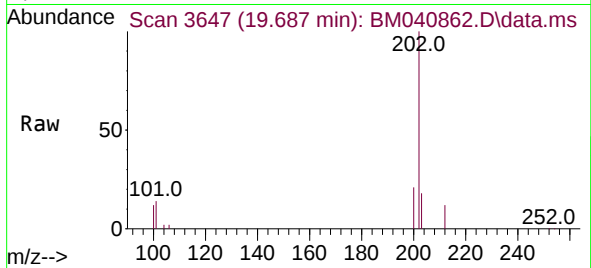
Tgt Ion:202 Resp: 51765
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.4 17.0
 100 10.3 8.7 13.1





#20
Pyrene
Concen: 0.857 ng/ul m
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

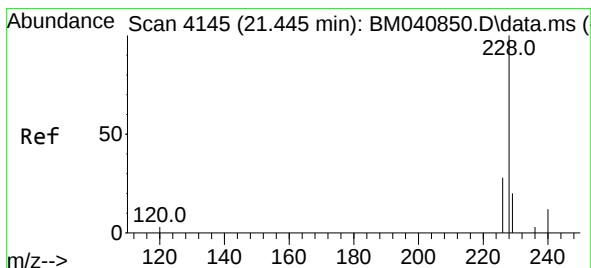
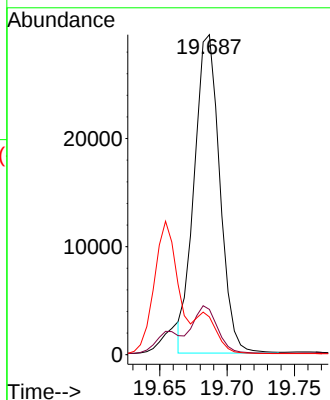
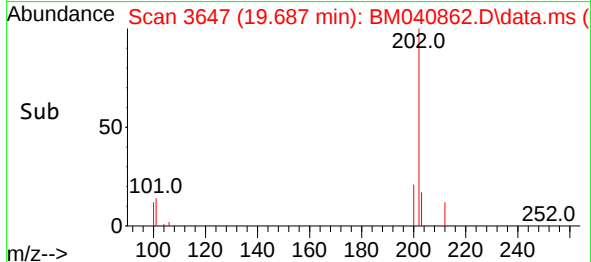
Instrument :
BNA_M
ClientSampleId :
A46J1



Tgt Ion:202 Resp: 3885
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.8 9.8 14.6

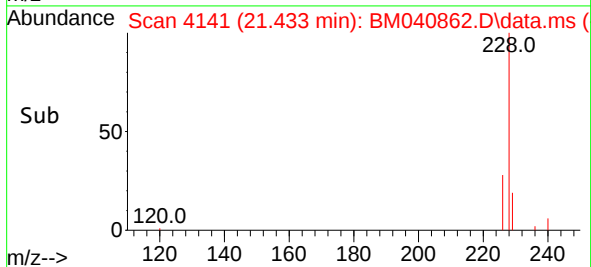
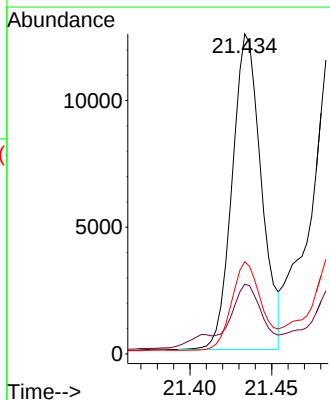
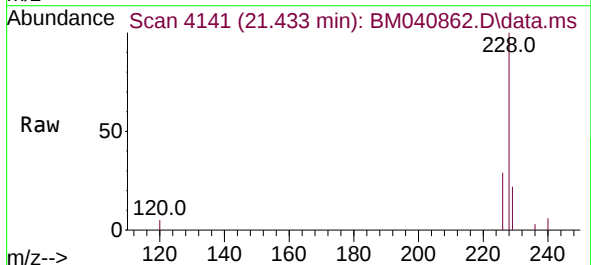
Manual Integrations
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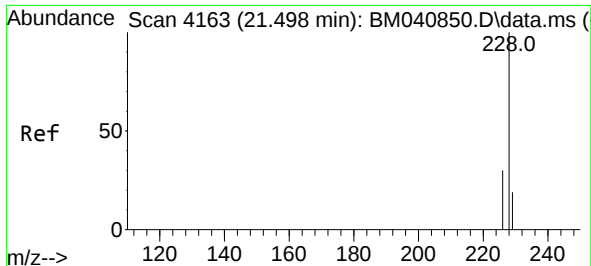
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.433 min Scan# 4141
Delta R.T. -0.012 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

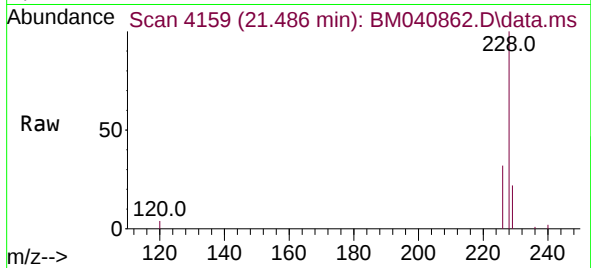
Tgt Ion:228 Resp: 15479
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 28.9 22.3 33.5





#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.486 min Scan# 4163
Delta R.T. -0.012 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

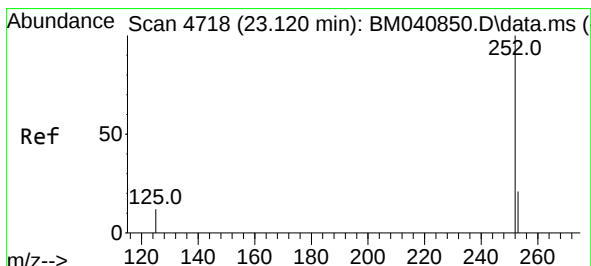
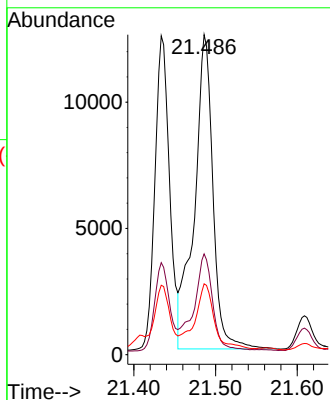
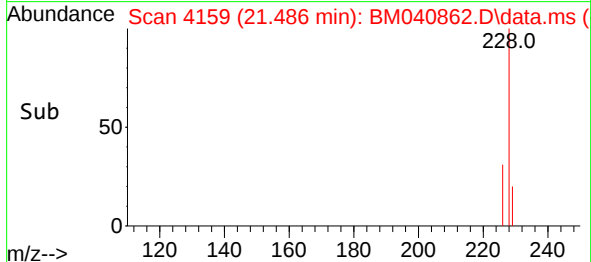
Instrument :
BNA_M
ClientSampleId :
A46J1



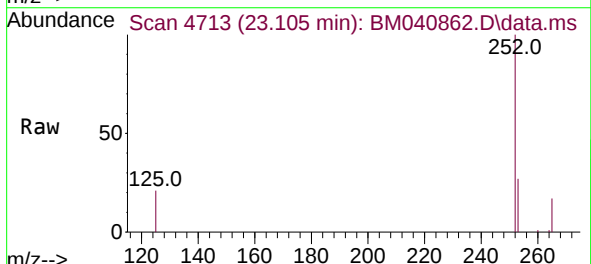
Tgt Ion:228 Resp: 19750
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 22.1 15.8 23.6

Manual Integrations
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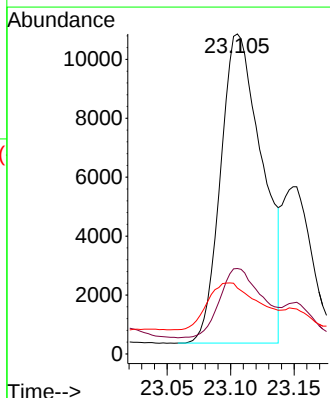
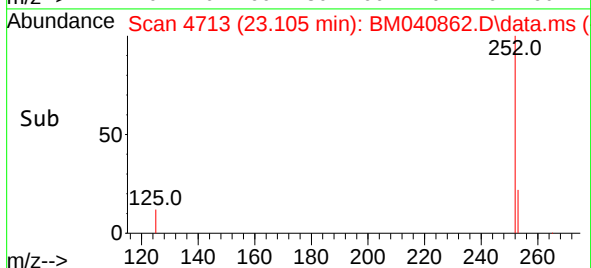
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

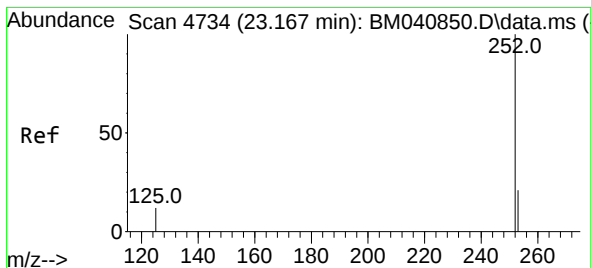


#24
Benzo(b)fluoranthene
Concen: 0.607 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.015 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03



Tgt Ion:252 Resp: 23921
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.8
125 20.6 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.228 ng/ul m

RT: 23.152 min Scan# 4

Delta R.T. -0.015 min

Lab File: BM040862.D

Acq: 13 Jul 2023 23:03

Instrument :

BNA_M

ClientSampleId :

A46J1

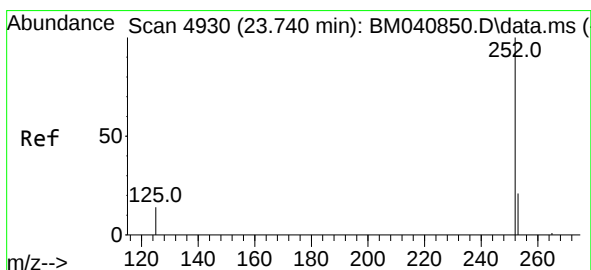
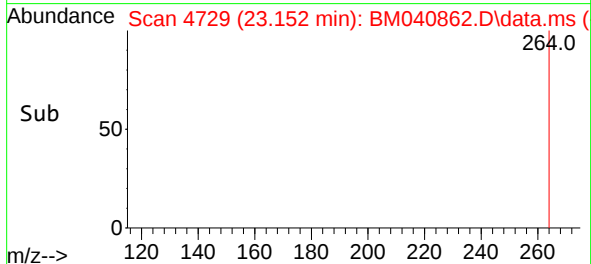
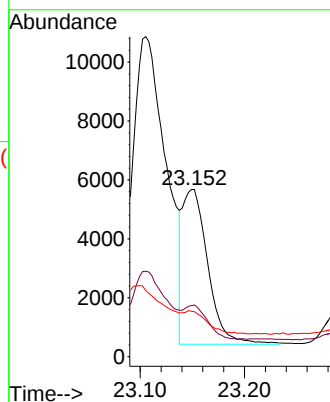
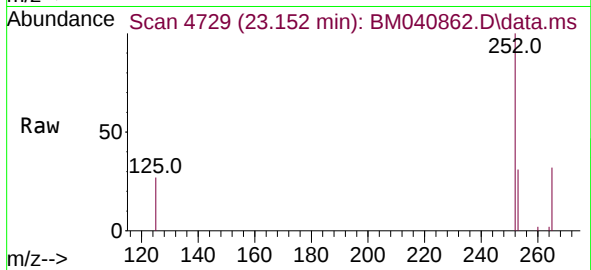
Tgt Ion:252	Resp:	8830
Ion Ratio	Lower	Upper
252	100	
253	30.9	21.2 31.8
125	26.9	16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#26

Benzo(a)pyrene

Concen: 0.395 ng/ul

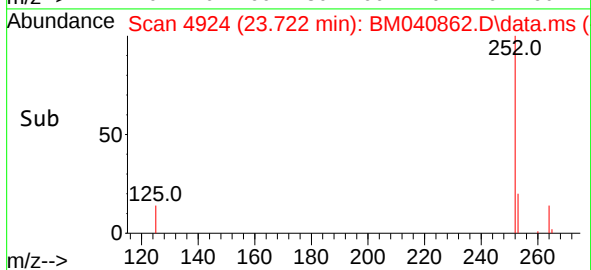
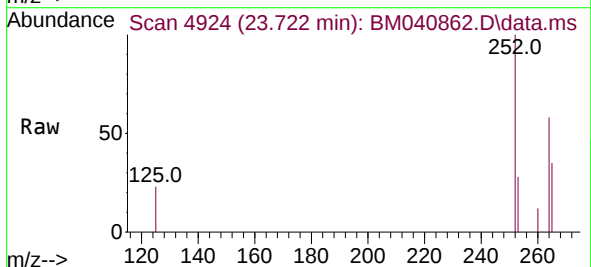
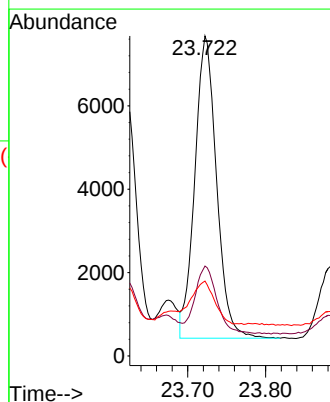
RT: 23.722 min Scan# 4924

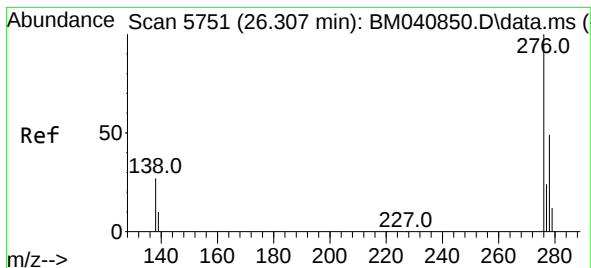
Delta R.T. -0.018 min

Lab File: BM040862.D

Acq: 13 Jul 2023 23:03

Tgt Ion:252	Resp:	14014
Ion Ratio	Lower	Upper
252	100	
253	28.1	22.9 34.3
125	23.4	21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.239 ng/ul

RT: 26.287 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM040862.D

Acq: 13 Jul 2023 23:03

Instrument :

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Tgt Ion:276 Resp: 11789

Ion Ratio Lower Upper

276 100

138 22.9 24.5 36.7

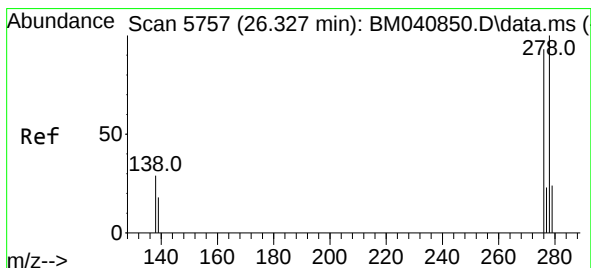
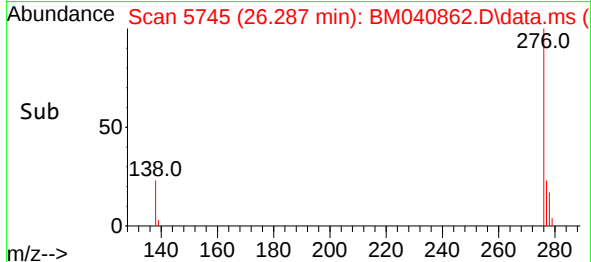
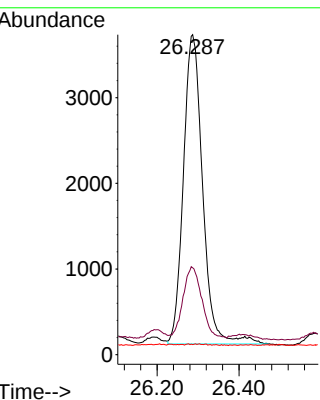
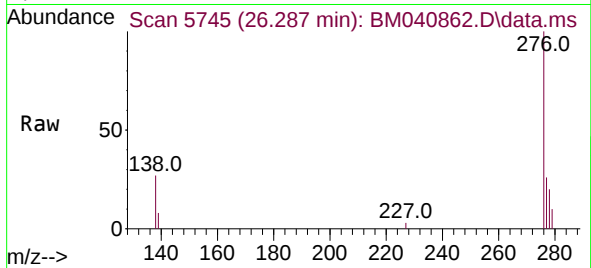
227 0.1 0.1 0.1

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.068 ng/ul

RT: 26.300 min Scan# 5749

Delta R.T. -0.027 min

Lab File: BM040862.D

Acq: 13 Jul 2023 23:03

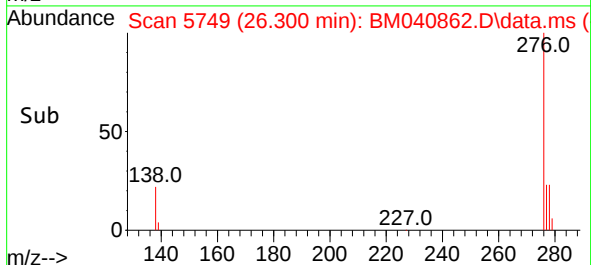
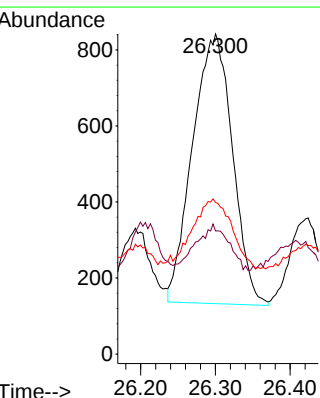
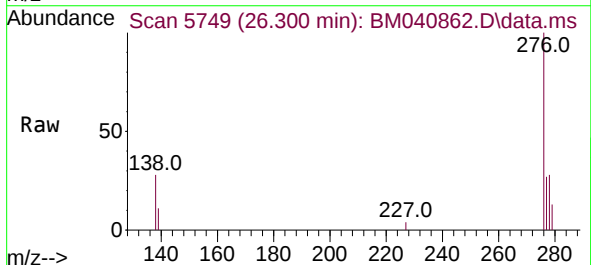
Tgt Ion:278 Resp: 2628

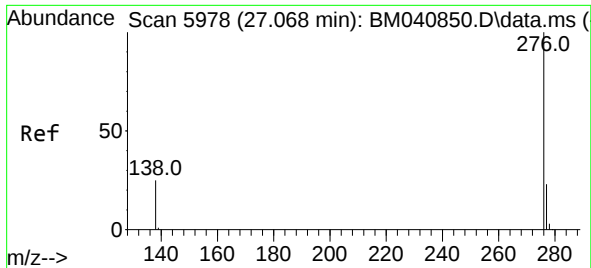
Ion Ratio Lower Upper

278 100

139 38.5 17.9 26.9#

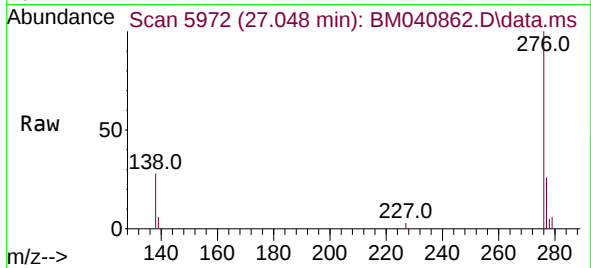
279 47.4 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.020 min
Lab File: BM040862.D
Acq: 13 Jul 2023 23:03

Instrument :
BNA_M
ClientSampleId :
A46J1



Tgt Ion:276 Resp: 11839
Ion Ratio Lower Upper
276 100
138 28.4 23.0 34.6
277 26.3 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

