

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040890.D
 Acq On : 14 Jul 2023 22:03
 Operator : MA/JU
 Sample : 03437-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 04:00:16 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4142	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13128	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5714	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	10821	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7583	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	9082	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	35704	5.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6046	0.329	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	8472	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1686	0.047	ng/ul#	83
7) 2-Methylnaphthalene	12.330	142	576	0.027	ng/ul	98
8) 1-Methylnaphthalene	12.550	142	485	0.023	ng/ul	99
10) Acenaphthylene	14.227	152	2267	0.089	ng/ul#	89
12) Fluorene	15.559	166	597	0.026	ng/ul#	94
15) Phenanthrene	17.299	178	10296	0.306	ng/ul	99
16) Anthracene	17.388	178	2169	0.077	ng/ul#	88
19) Fluoranthene	19.320	202	35769	1.110	ng/ul	96
20) Pyrene	19.682	202	27966m	0.810	ng/ul	
21) Benzo(a)anthracene	21.431	228	12473	0.486	ng/ul	97
22) Chrysene	21.486	228	13420	0.459	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	14077	0.401	ng/ul	96
25) Benzo(k)fluoranthene	23.146	252	5462m	0.158	ng/ul	
26) Benzo(a)pyrene	23.719	252	8965	0.283	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.280	276	6352	0.144	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.290	278	1595	0.046	ng/ul#	42
29) Benzo(g,h,i)perylene	27.038	276	6012	0.156	ng/ul	96

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

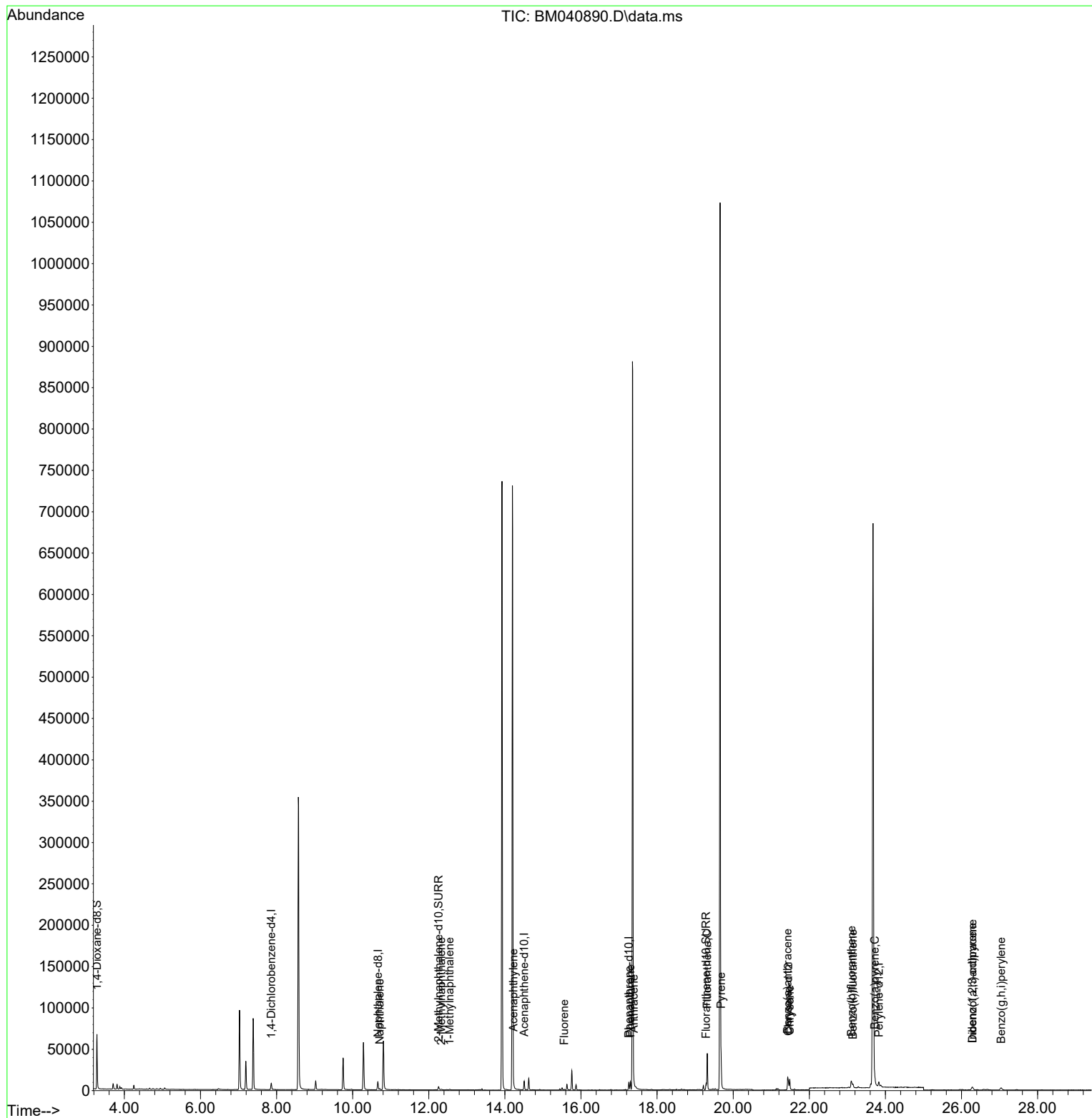
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040890.D
Acq On : 14 Jul 2023 22:03
Operator : MA/JU
Sample : 03437-07
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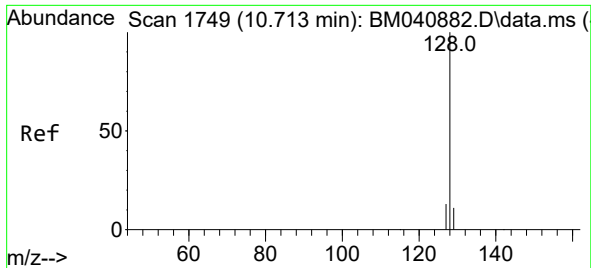
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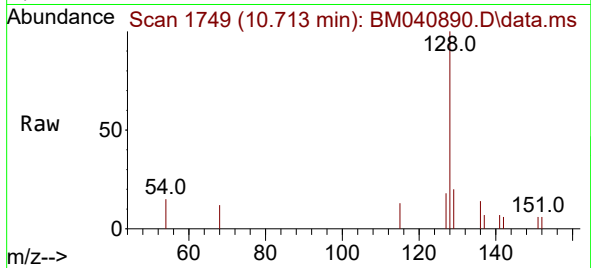
Quant Time: Jul 15 04:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

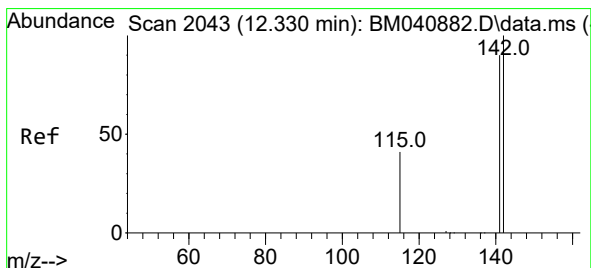
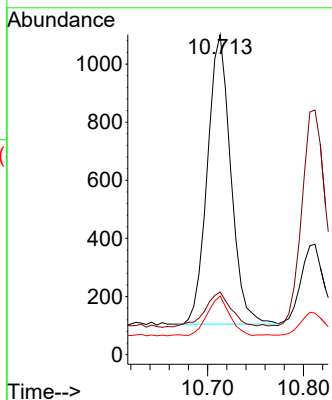
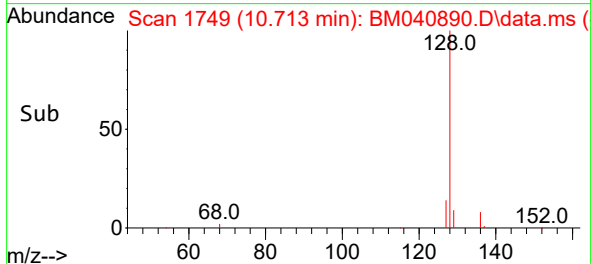
Instrument :
BNA_M
ClientSampleId :
A46H8



Tgt Ion:128 Resp: 1680
Ion Ratio Lower Upper
128 100
129 19.6 9.2 13.8
127 18.3 10.6 15.8

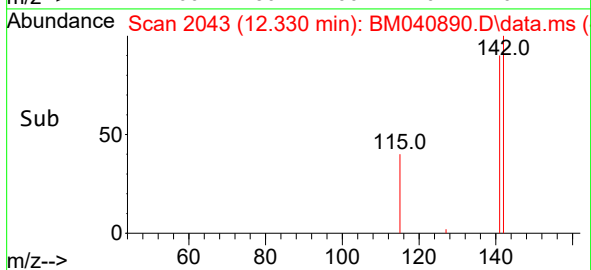
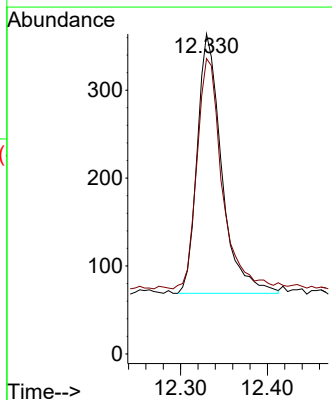
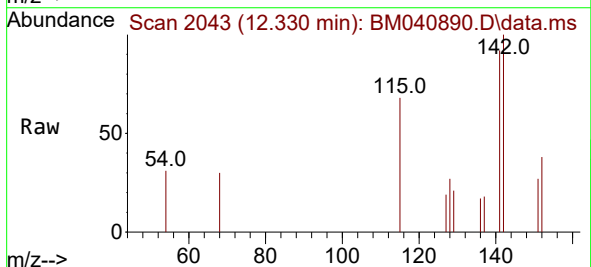
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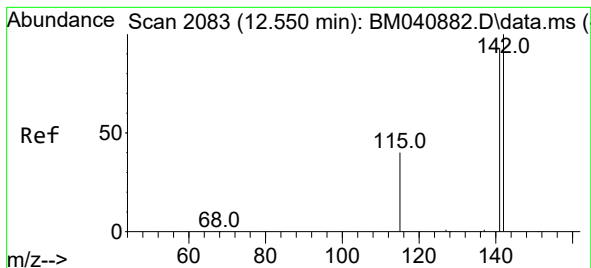
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

Tgt Ion:142 Resp: 576
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.550 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

Instrument :

BNA_M

ClientSampleId :

A46H8

Tgt Ion:142 Resp: 489

Ion Ratio Lower Upper

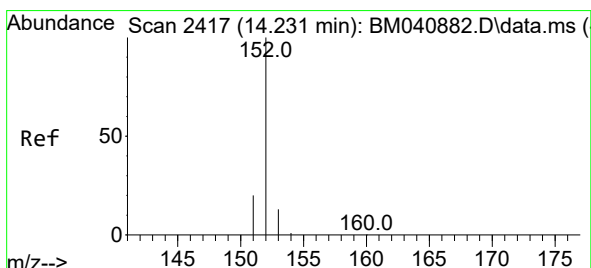
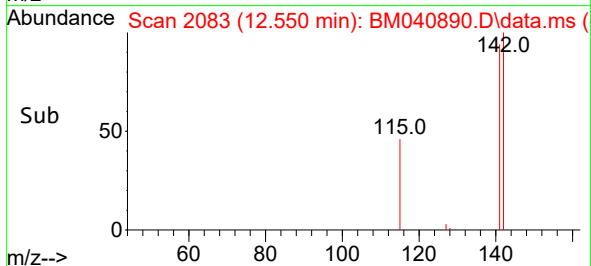
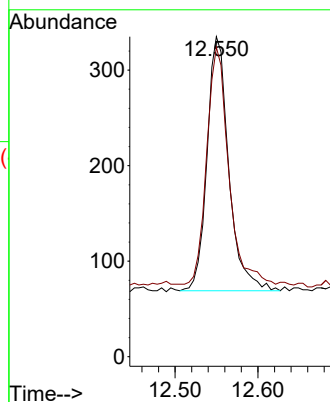
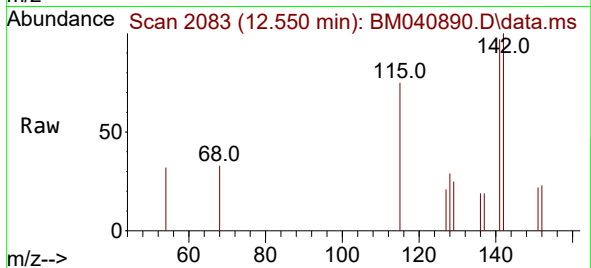
142 100

141 93.4 73.7 110.5

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#10

Acenaphthylene

Concen: 0.089 ng/ul

RT: 14.227 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

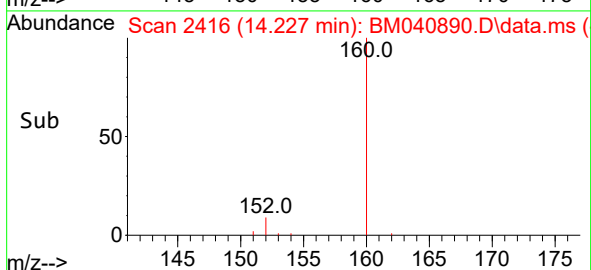
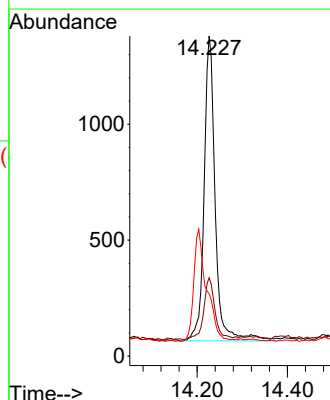
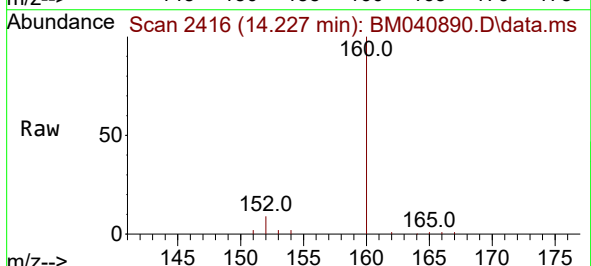
Tgt Ion:152 Resp: 2267

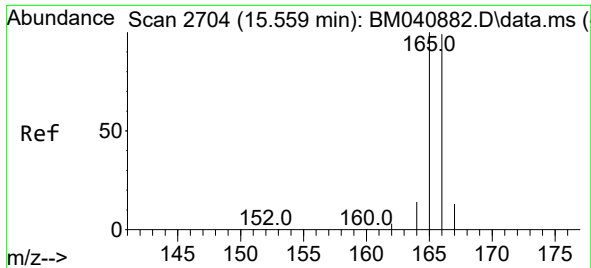
Ion Ratio Lower Upper

152 100

151 24.5 16.2 24.2#

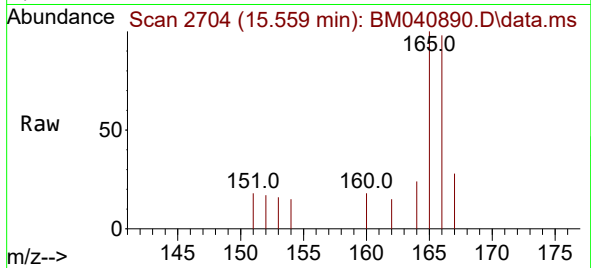
153 19.4 10.9 16.3#





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

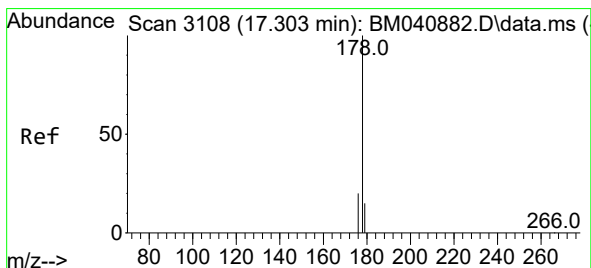
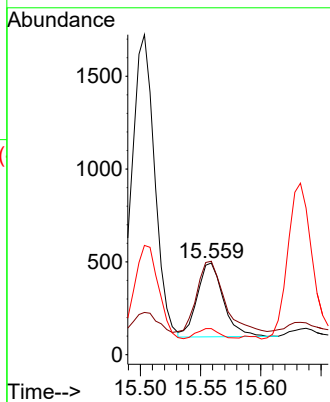
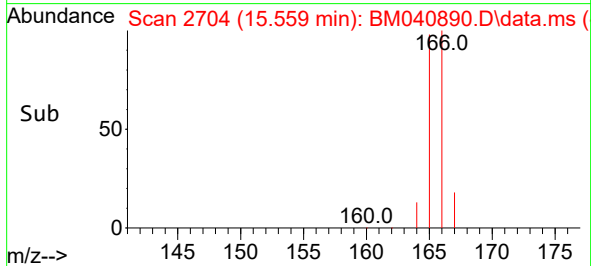
Instrument :
BNA_M
ClientSampleId :
A46H8



Tgt Ion:166 Resp: 59
Ion Ratio Lower Upper
166 100
165 101.8 79.6 119.4
167 28.3 11.4 17.0

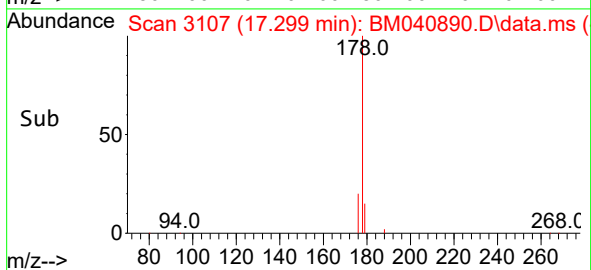
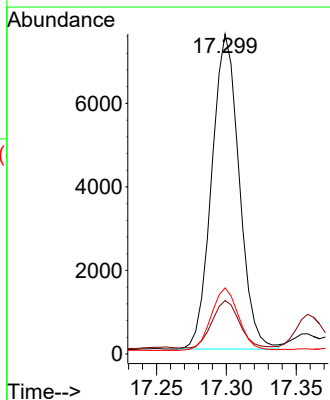
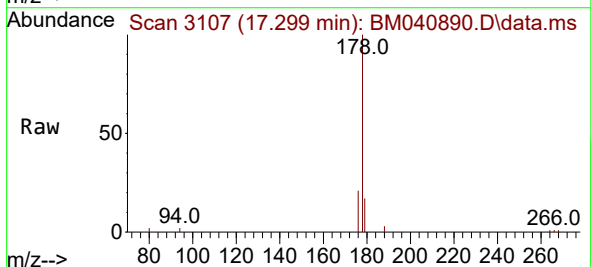
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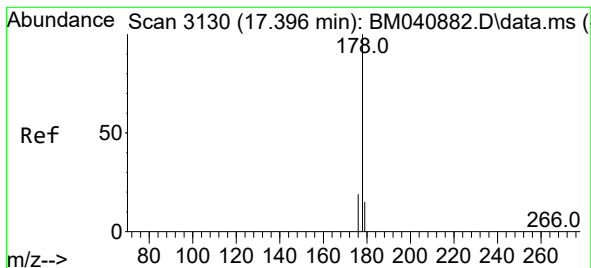
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#15
Phenanthrene
Concen: 0.306 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

Tgt Ion:178 Resp: 10296
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 20.6 16.4 24.6





#16

Anthracene

Concen: 0.077 ng/ul

RT: 17.388 min Scan# 3130

Delta R.T. -0.008 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

Instrument :

BNA_M

ClientSampleId :

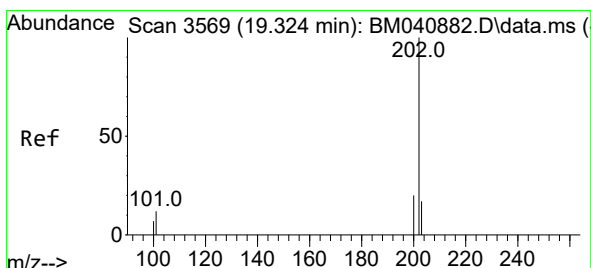
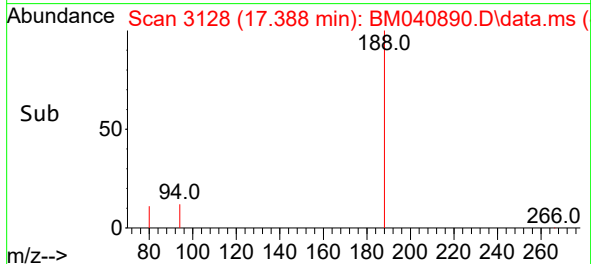
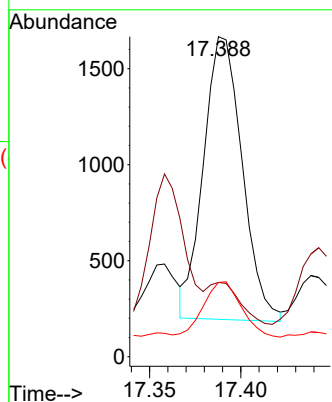
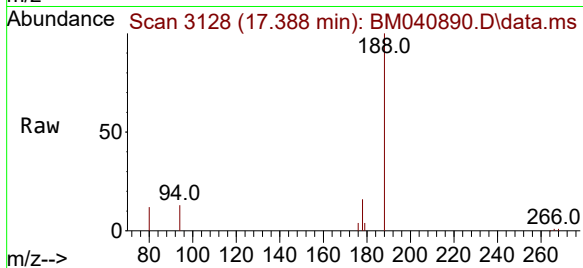
A46H8

Tgt Ion:178	Resp:	2169
Ion Ratio	Lower	Upper
178	100	
179	23.2	12.9 19.3
176	23.2	15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2023
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#19

Fluoranthene

Concen: 1.110 ng/ul

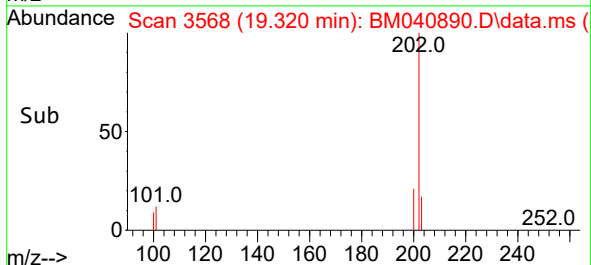
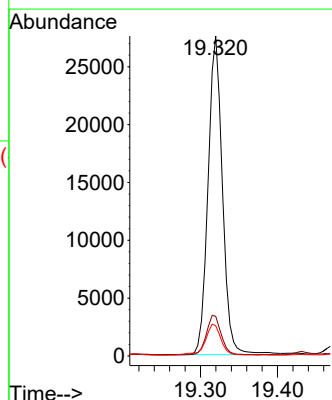
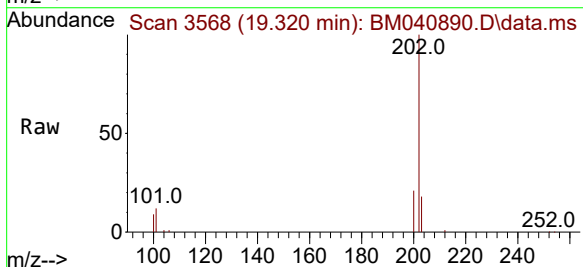
RT: 19.320 min Scan# 3568

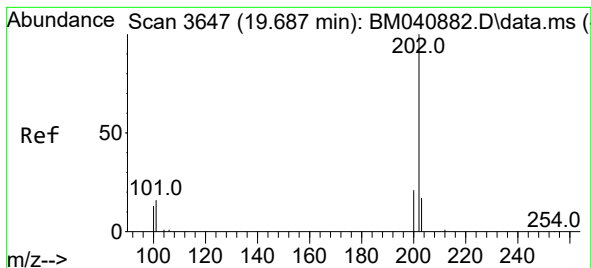
Delta R.T. -0.005 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

Tgt Ion:202	Resp:	35769
Ion Ratio	Lower	Upper
202	100	
101	12.4	11.4 17.0
100	9.5	8.7 13.1





#20

Pyrene

Concen: 0.810 ng/ul m

RT: 19.682 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

Instrument :

BNA_M

ClientSampleId :

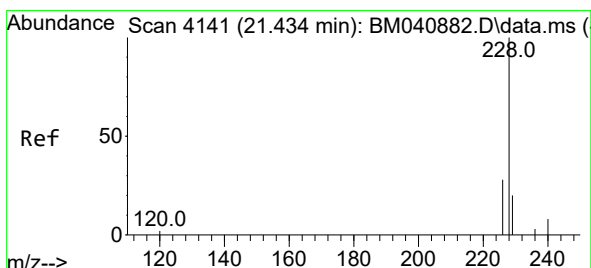
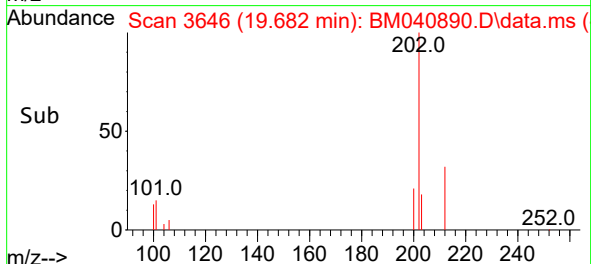
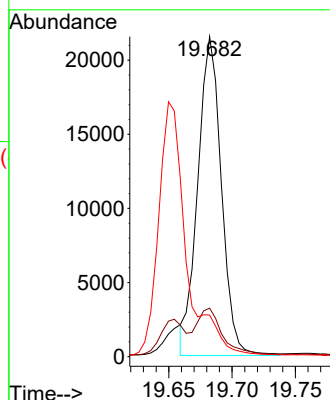
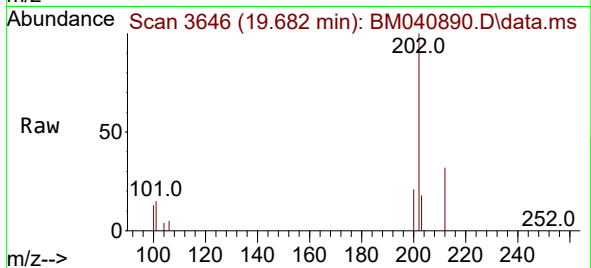
A46H8

Tgt Ion:	202	Resp:	2796
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.6	18.8
100	13.0	9.8	14.6

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.486 ng/ul

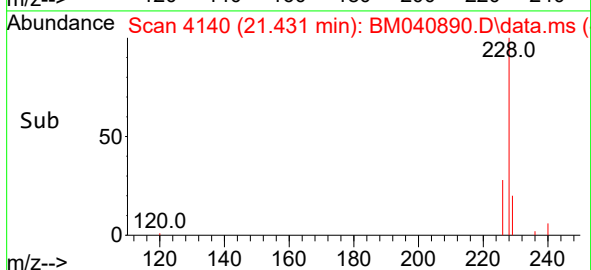
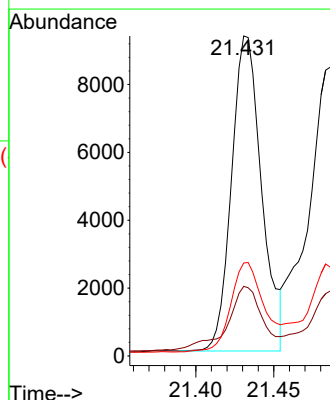
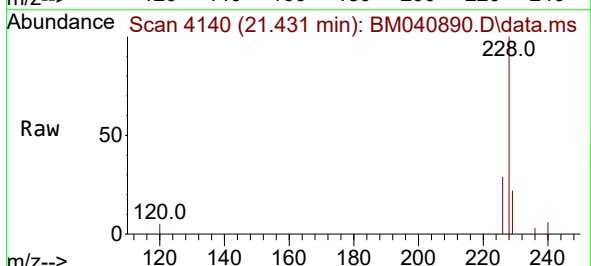
RT: 21.431 min Scan# 4140

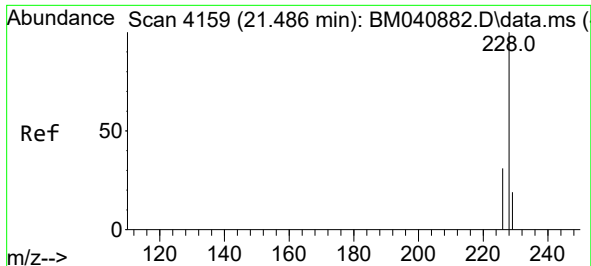
Delta R.T. -0.003 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

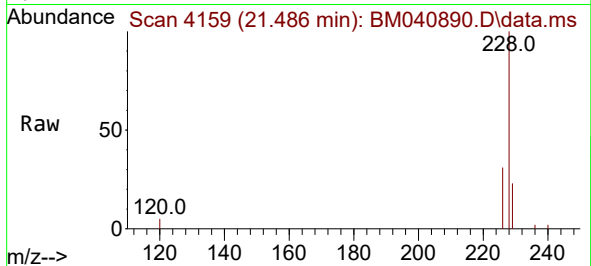
Tgt Ion:	228	Resp:	12473
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.0	24.0
226	29.1	22.3	33.5





#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

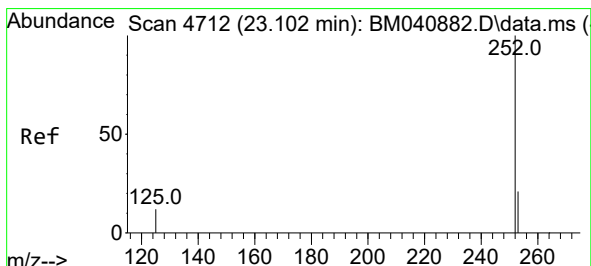
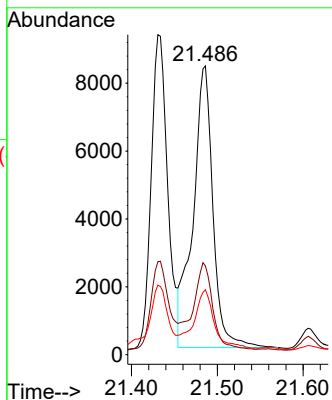
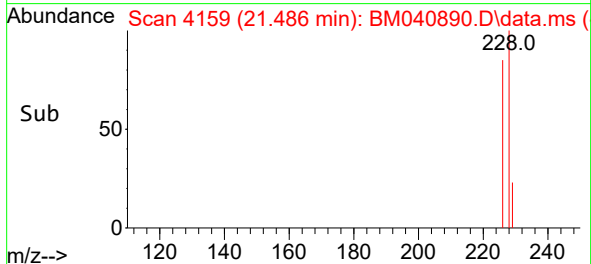
Instrument :
BNA_M
ClientSampleId :
A46H8



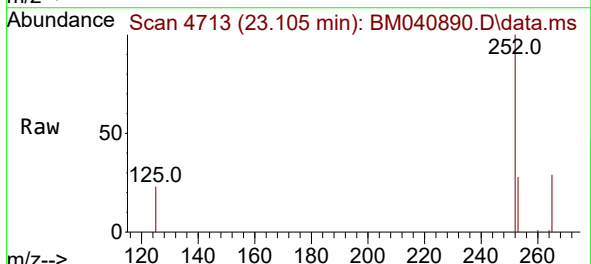
Tgt Ion:228 Resp: 13420
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.5 15.8 23.6

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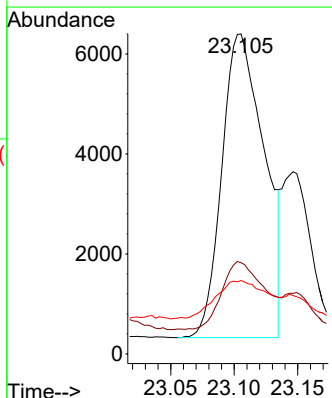
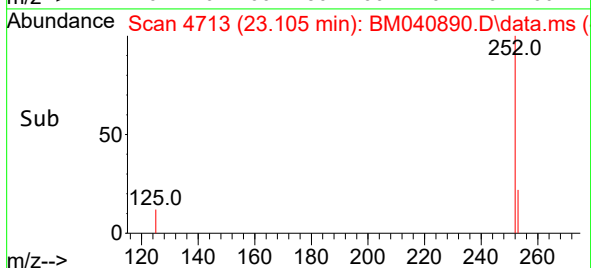
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

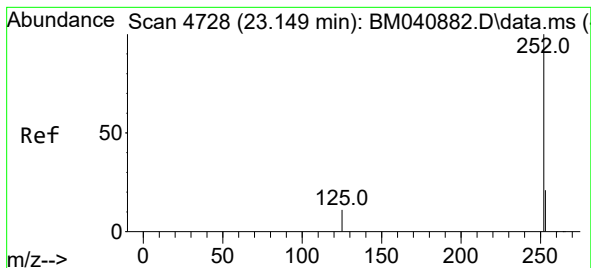


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03



Tgt Ion:252 Resp: 14077
Ion Ratio Lower Upper
252 100
253 28.5 0.0 52.8
125 22.9 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.158 ng/ul m

RT: 23.146 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

Instrument :

BNM

ClientSampleId :

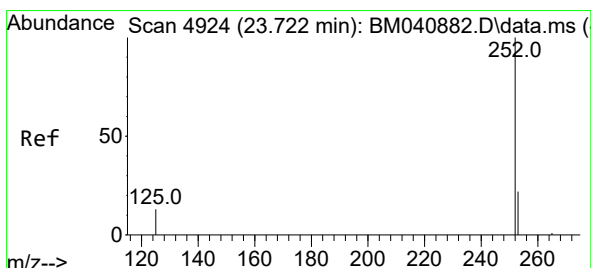
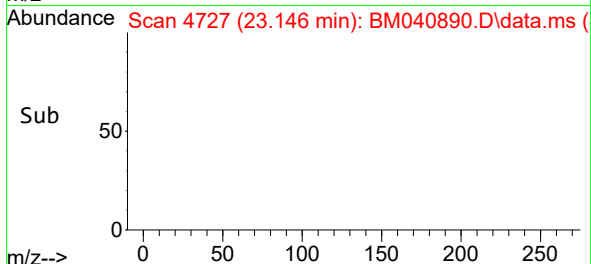
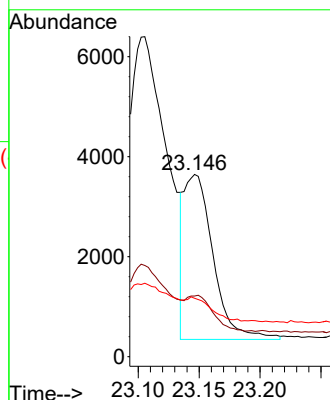
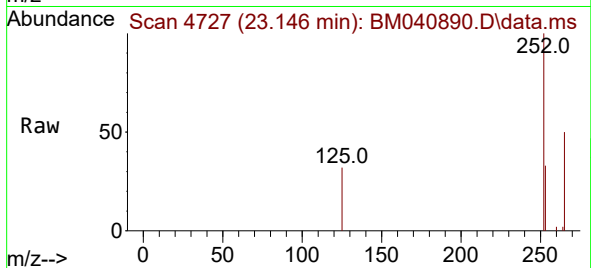
A46H8

Tgt Ion:252	Resp:	546
Ion Ratio	Lower	Upper
252	100	
253	33.3	21.2 31.8
125	32.1	16.4 24.6

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Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#26

Benzo(a)pyrene

Concen: 0.283 ng/ul

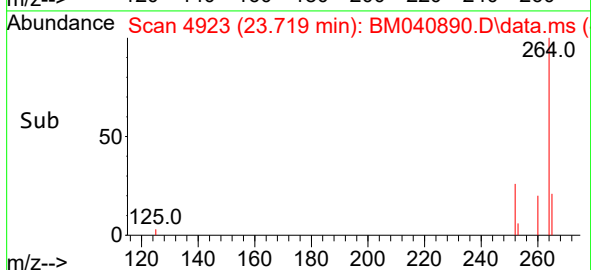
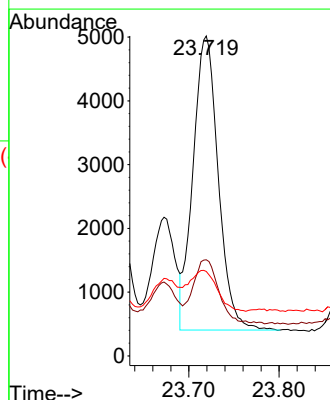
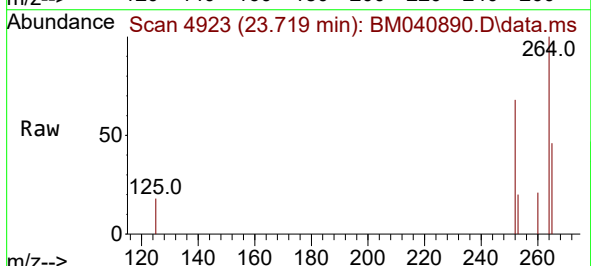
RT: 23.719 min Scan# 4923

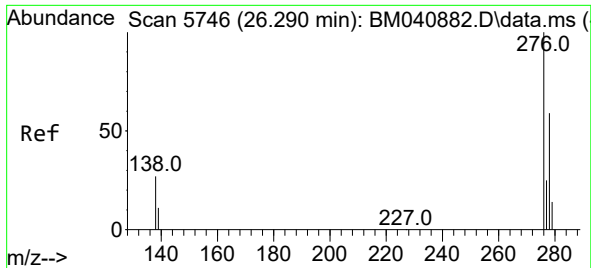
Delta R.T. -0.003 min

Lab File: BM040890.D

Acq: 14 Jul 2023 22:03

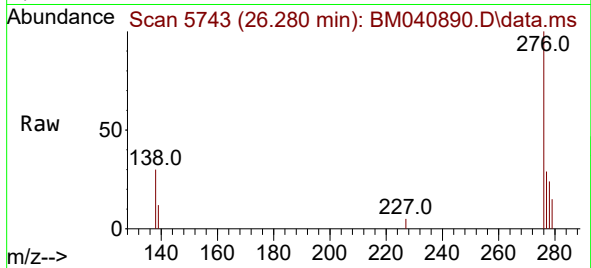
Tgt Ion:252	Resp:	8965
Ion Ratio	Lower	Upper
252	100	
253	30.1	22.9 34.3
125	26.4	21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

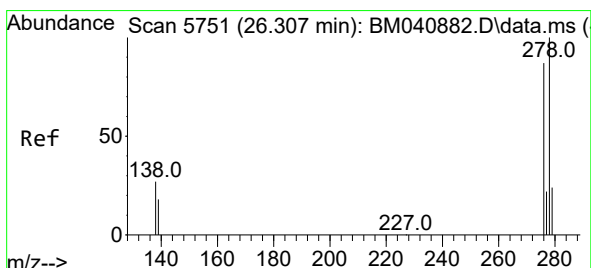
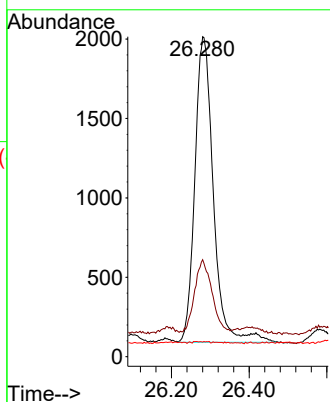
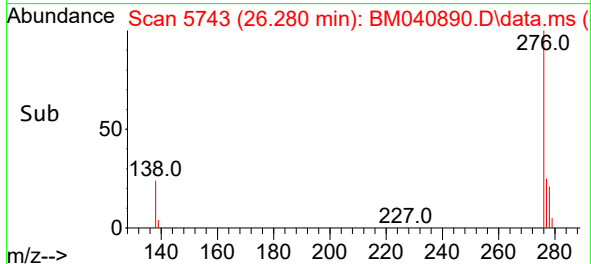
Instrument :
BNA_M
ClientSampleId :
A46H8



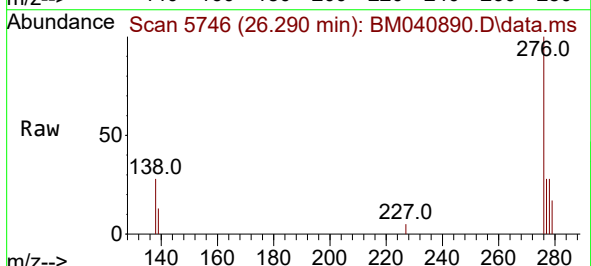
Tgt Ion: 276 Resp: 6352
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
APPROVED

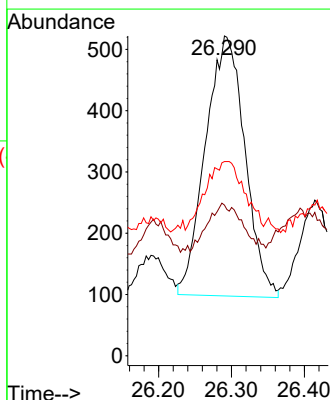
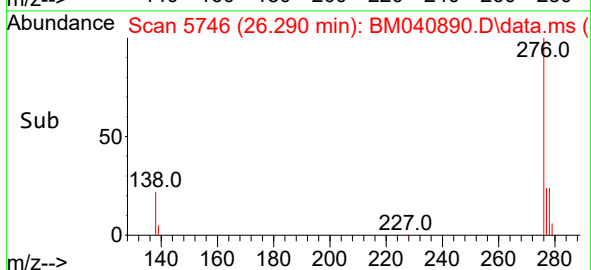
Reviewed By : Jagrut Upadhyay 07/15/2023
Supervised By : mohammad ahmed 07/17/2023

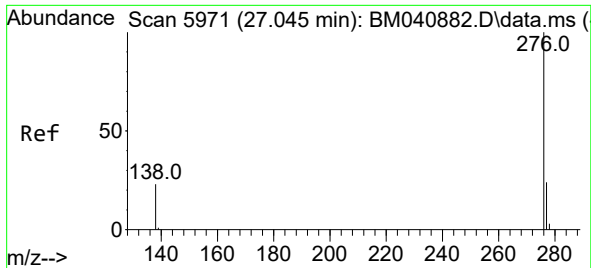


#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03



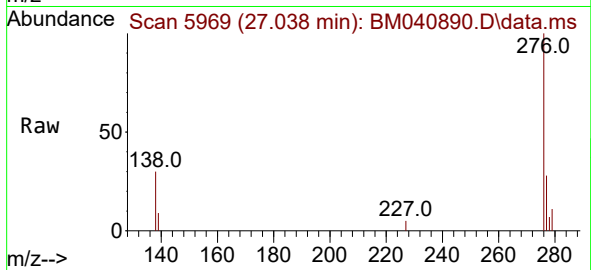
Tgt Ion: 278 Resp: 1595
Ion Ratio Lower Upper
278 100
139 47.1 17.9 26.9#
279 60.7 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BM040890.D
Acq: 14 Jul 2023 22:03

Instrument :
BNA_M
ClientSampleId :
A46H8



Tgt Ion:276 Resp: 6012
Ion Ratio Lower Upper
276 100
138 30.4 23.0 34.6
277 27.8 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

