

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041702.D
 Acq On : 07 Sep 2023 19:35
 Operator : MA/JU
 Sample : 04113-05DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYL2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 02:54:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	6822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	16248	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	6432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	11571	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240	4835	0.400	ng/ul	-0.01
23) Perylene-d12	23.991	264	5367	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	6224	0.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	760	0.036	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	863	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	8339	0.156	ng/ul	98
7) 2-Methylnaphthalene	12.473	142	7001	0.231	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	2124	0.070	ng/ul	100
10) Acenaphthylene	14.370	152	906	0.023	ng/ul#	75
11) Acenaphthene	14.703	153	2244	0.073	ng/ul	98
15) Phenanthrene	17.434	178	13493	0.276	ng/ul	99
16) Anthracene	17.523	178	2486	0.059	ng/ul#	87
19) Fluoranthene	19.441	202	48738	0.854	ng/ul	99
20) Pyrene	19.808	202	56570m	0.998	ng/ul	
21) Benzo(a)anthracene	21.542	228	38075	0.966	ng/ul	99
22) Chrysene	21.597	228	51910	1.220	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	104076	2.167	ng/ul	93
25) Benzo(k)fluoranthene	23.290	252	33985m	0.723	ng/ul	
26) Benzo(a)pyrene	23.883	252	77804	1.994	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.508	276	71404	1.334	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.522	278	13102	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	27.296	276	79023	1.666	ng/ul	98

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

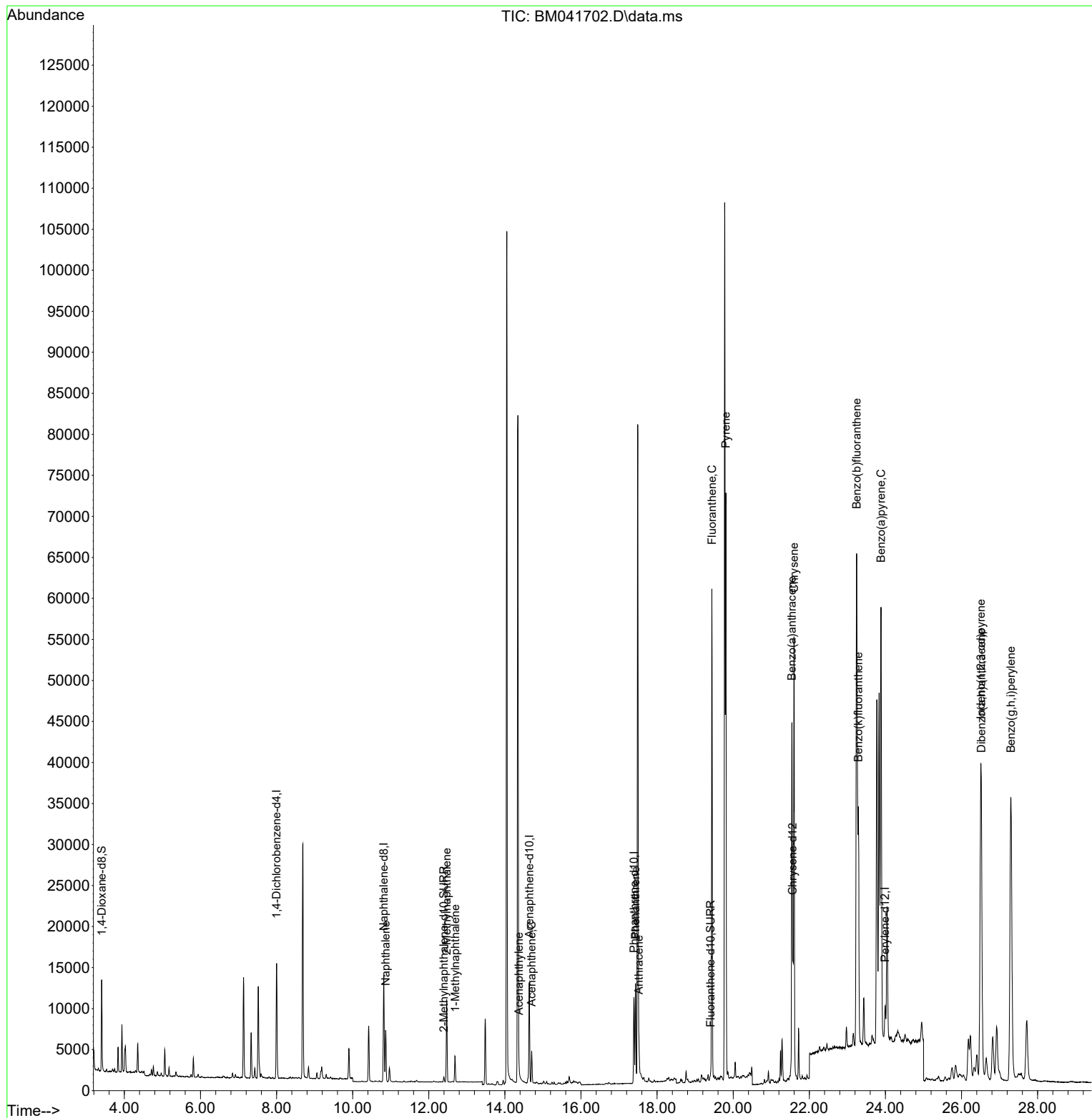
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
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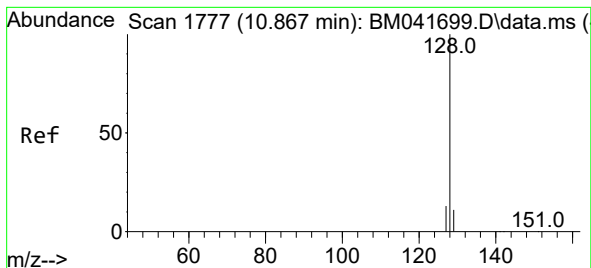
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#5

Naphthalene

Concen: 0.156 ng/ul

RT: 10.867 min Scan# 1777

Delta R.T. -0.005 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL

Tgt Ion:128 Resp: 8339

Ion Ratio Lower Upper

128 100

129 12.2 9.4 14.0

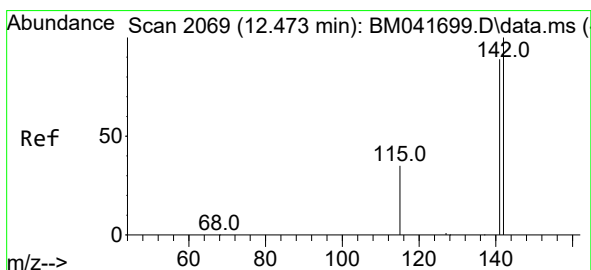
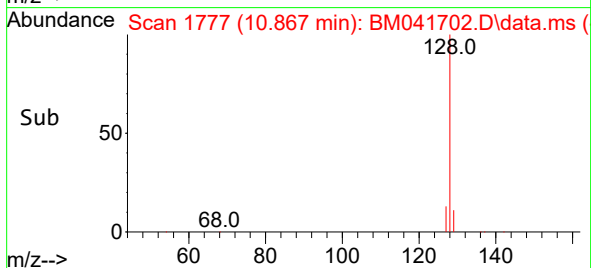
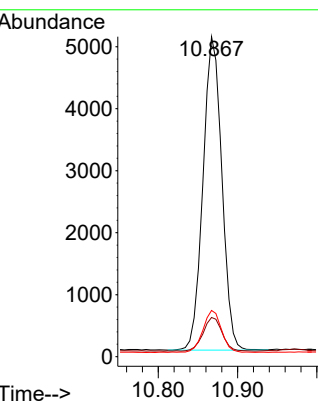
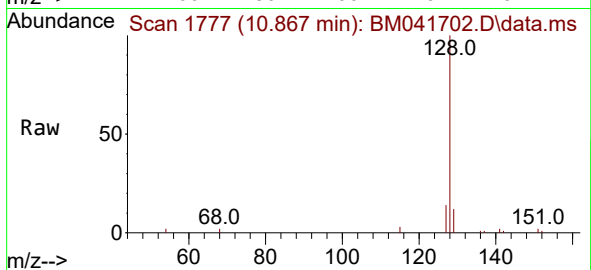
127 14.5 11.0 16.6

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.231 ng/ul

RT: 12.473 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BM041702.D

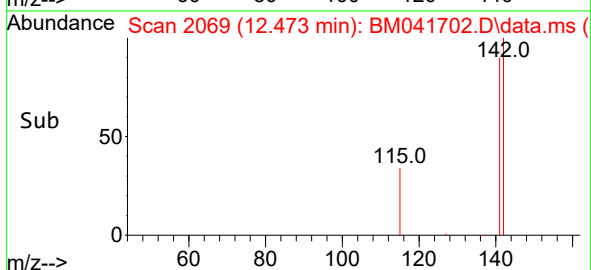
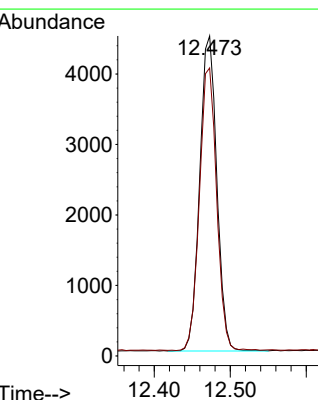
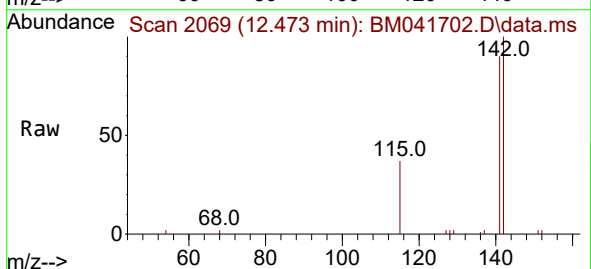
Acq: 07 Sep 2023 19:35

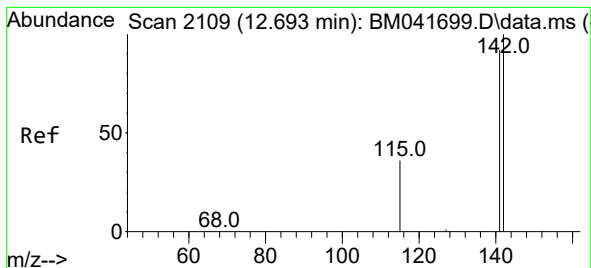
Tgt Ion:142 Resp: 7001

Ion Ratio Lower Upper

142 100

141 90.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.693 min Scan# 2109

Delta R.T. -0.005 min

Lab File: BM041702.D

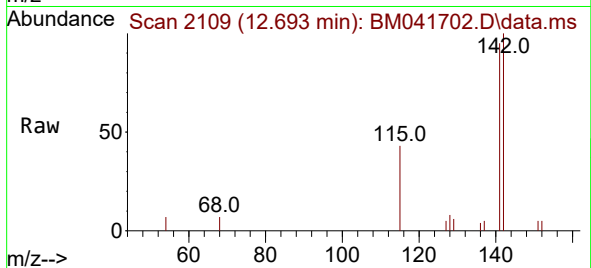
Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL



Tgt Ion:142 Resp: 2124

Ion Ratio Lower Upper

142 100

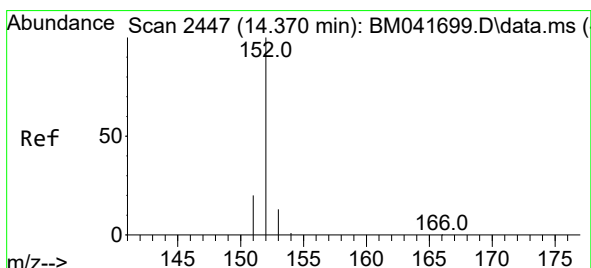
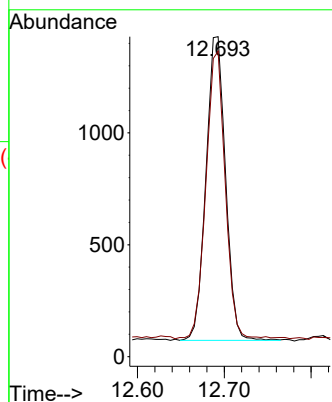
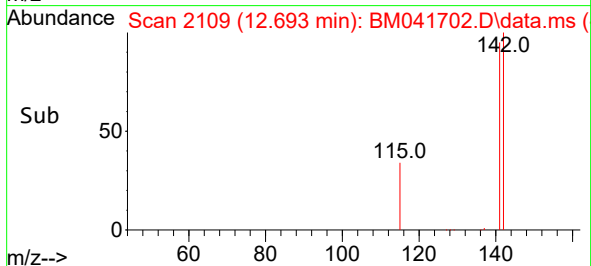
141 93.4 74.4 111.6

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#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.370 min Scan# 2447

Delta R.T. -0.005 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

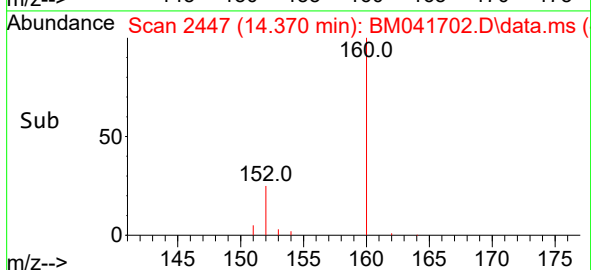
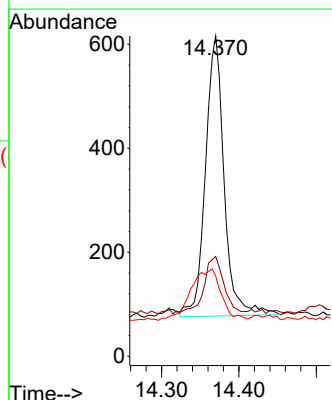
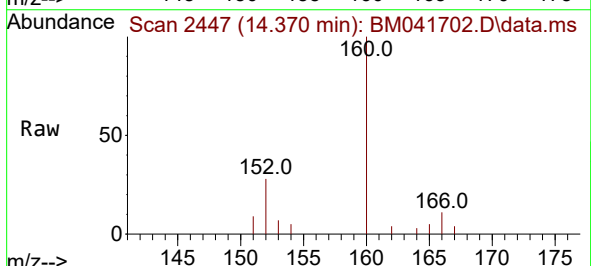
Tgt Ion:152 Resp: 906

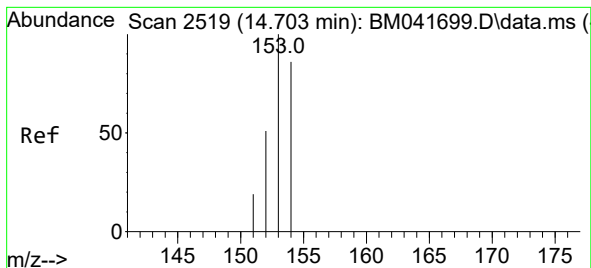
Ion Ratio Lower Upper

152 100

151 31.2 16.4 24.6#

153 25.0 11.1 16.7#





#11

Acenaphthene

Concen: 0.073 ng/u1

RT: 14.703 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Instrument :

BNA_M

ClientSampleId :

EZYL2DL

Tgt Ion:153 Resp: 2244

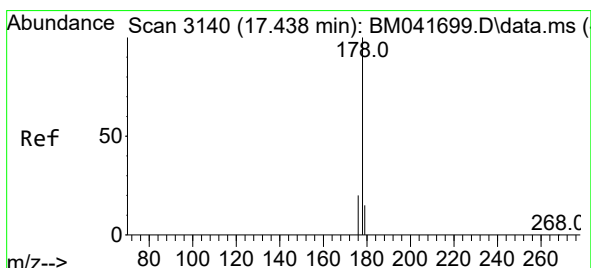
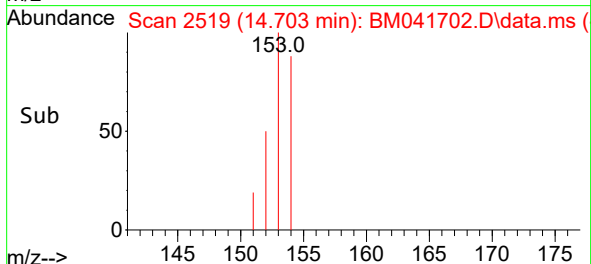
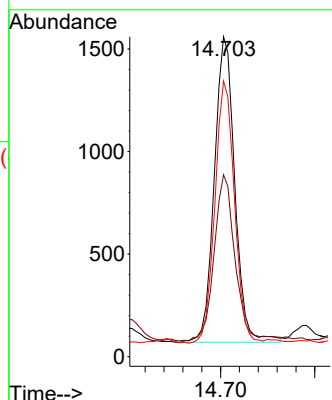
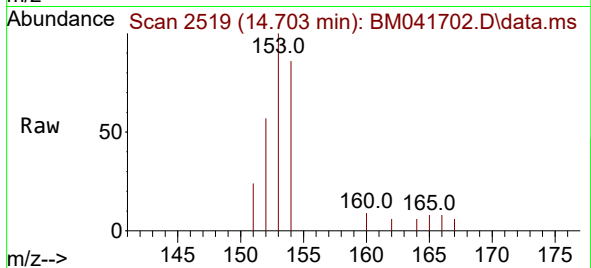
Ion	Ratio	Lower	Upper
153	100		
152	56.9	43.4	65.2
154	86.1	69.4	104.0

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#15

Phenanthrene

Concen: 0.276 ng/u1

RT: 17.434 min Scan# 3139

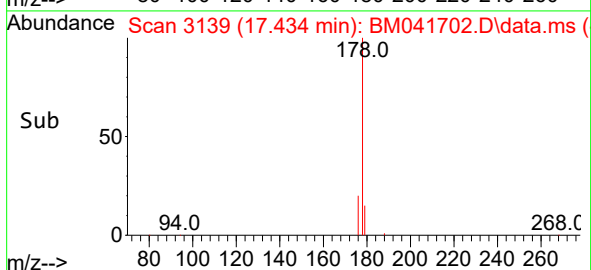
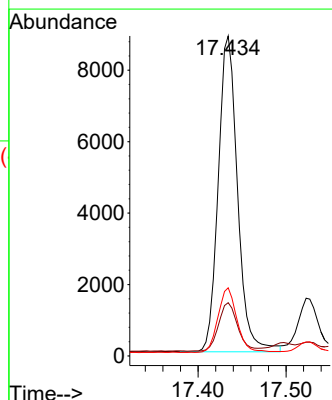
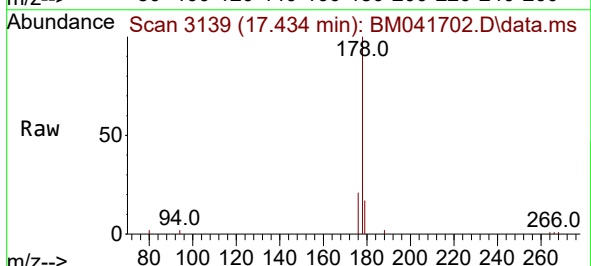
Delta R.T. -0.008 min

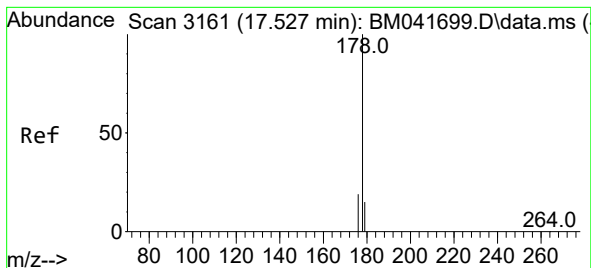
Lab File: BM041702.D

Acq: 07 Sep 2023 19:35

Tgt Ion:178 Resp: 13493

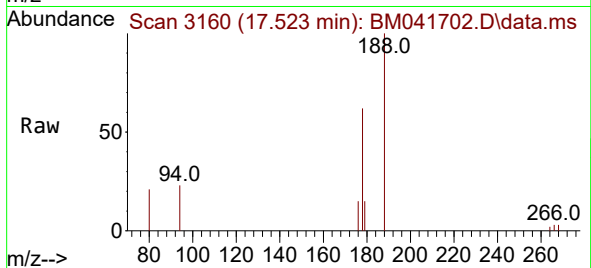
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	21.3	16.9	25.3





#16
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.523 min Scan# 3160
 Delta R.T. -0.013 min
 Lab File: BM041702.D
 Acq: 07 Sep 2023 19:35

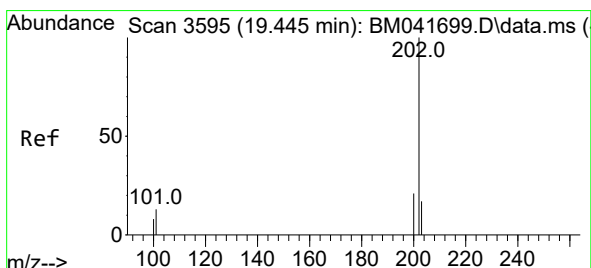
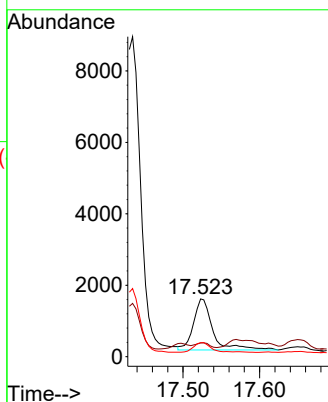
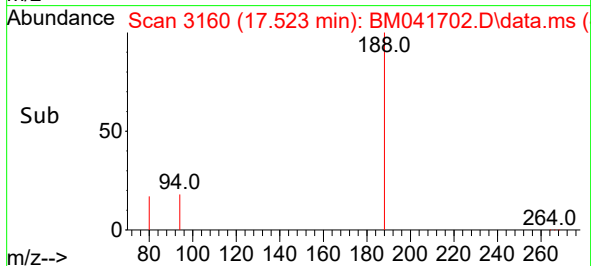
Instrument :
 BNA_M
 ClientSampleId :
 EZYL2DL



Tgt Ion:178 Resp: 2480
 Ion Ratio Lower Upper
 178 100
 179 23.7 12.9 19.3
 176 24.0 15.8 23.8

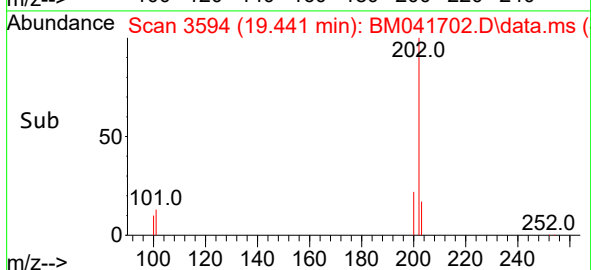
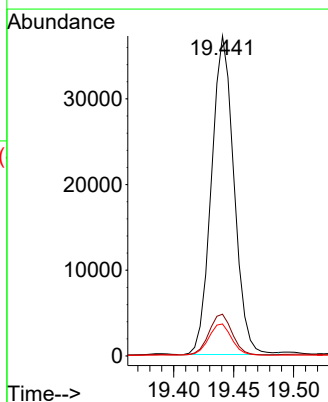
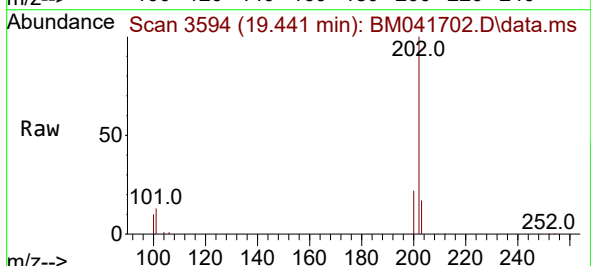
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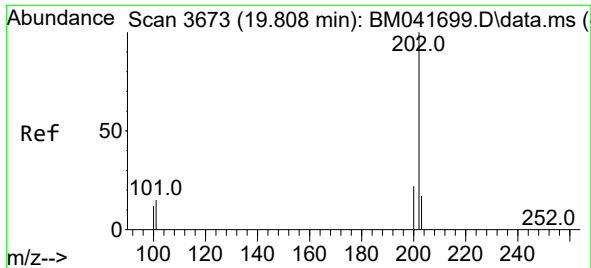
Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023



#19
 Fluoranthene
 Concen: 0.854 ng/ul
 RT: 19.441 min Scan# 3594
 Delta R.T. -0.009 min
 Lab File: BM041702.D
 Acq: 07 Sep 2023 19:35

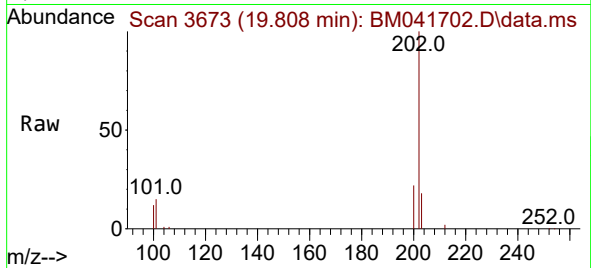
Tgt Ion:202 Resp: 48738
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.5 15.7
 100 10.0 8.4 12.6





#20
Pyrene
Concen: 0.998 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

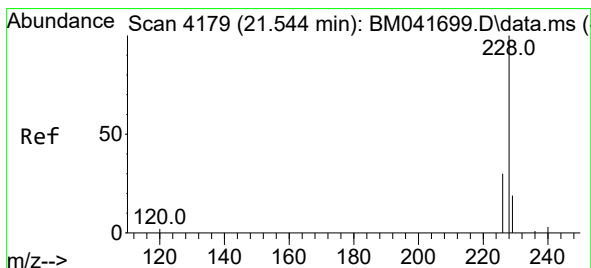
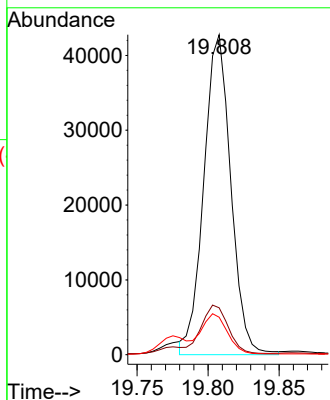
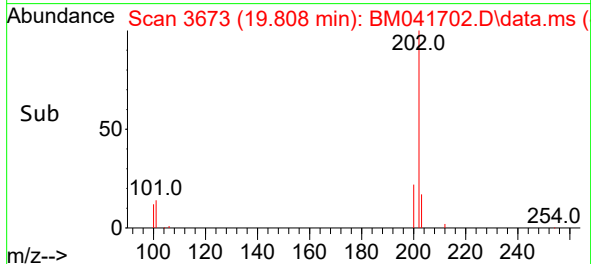
Instrument :
BNA_M
ClientSampleId :
EZY2DL



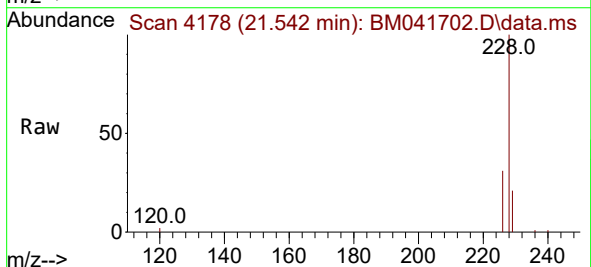
Tgt Ion:202 Resp: 56570
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.8
100 11.7 9.8 14.6

Manual Integrations
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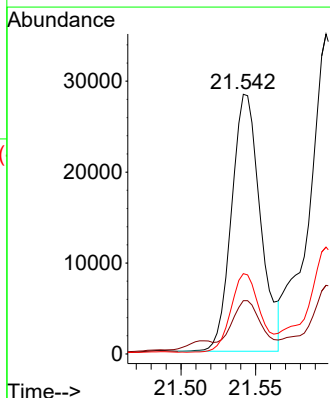
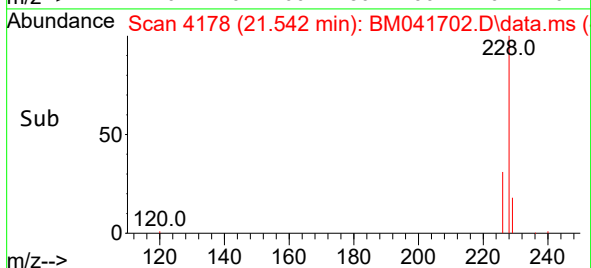
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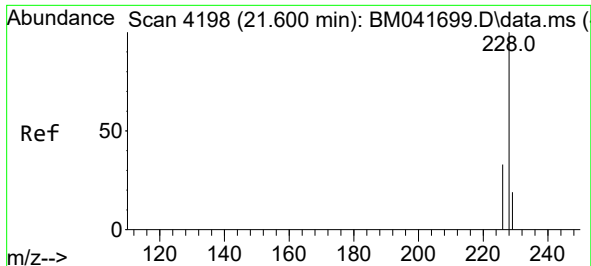


#21
Benzo(a)anthracene
Concen: 0.966 ng/ul
RT: 21.542 min Scan# 4178
Delta R.T. -0.012 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35



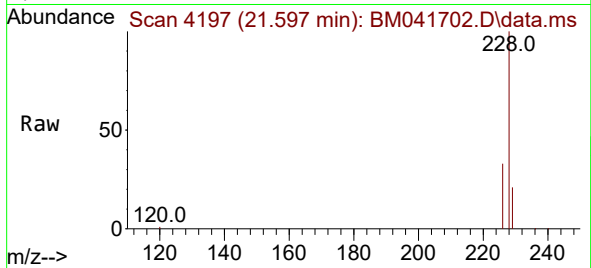
Tgt Ion:228 Resp: 38075
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 31.0 24.8 37.2





#22
Chrysene
Concen: 1.220 ng/ul
RT: 21.597 min Scan# 4198
Delta R.T. -0.012 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

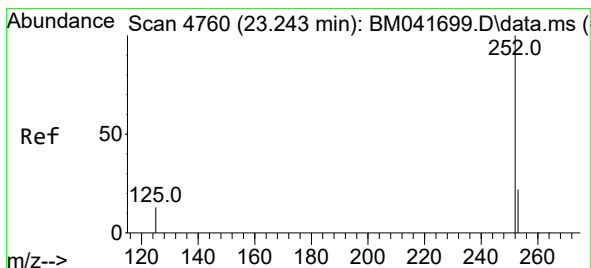
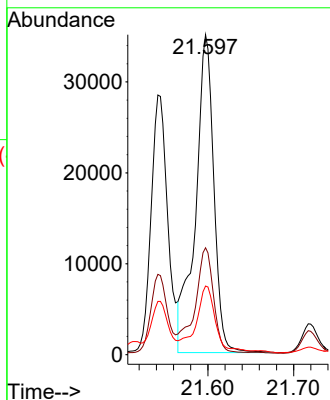
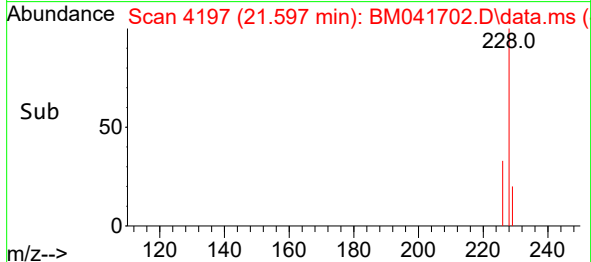
Instrument :
BNA_M
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EZYLDL



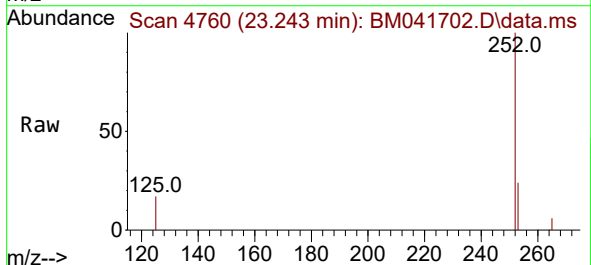
Tgt Ion:228 Resp: 51910
Ion Ratio Lower Upper
228 100
226 33.4 27.0 40.6
229 21.4 15.4 23.2

Manual Integrations
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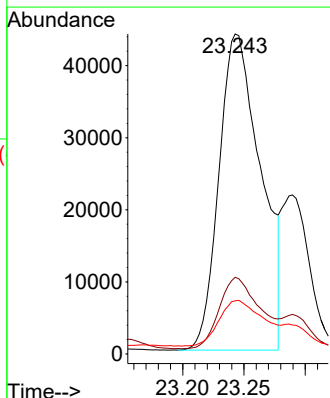
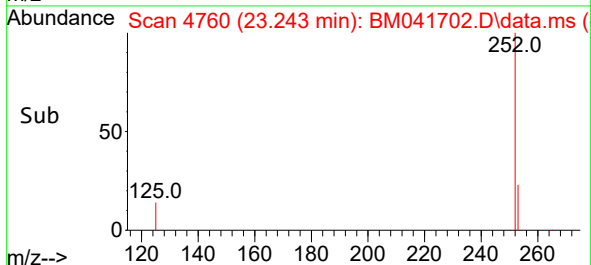
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

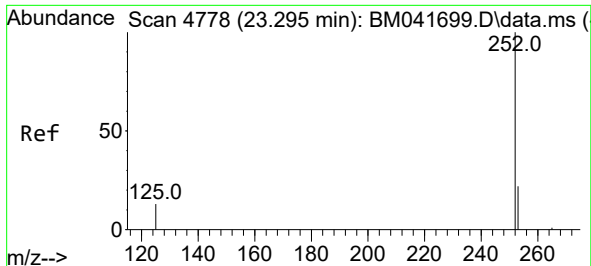


#24
Benzo(b)fluoranthene
Concen: 2.167 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35



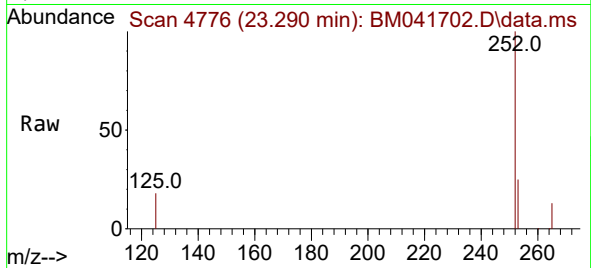
Tgt Ion:252 Resp: 104076
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.4
125 16.6 0.0 42.8





#25
Benzo(k)fluoranthene
Concen: 0.723 ng/ul m
RT: 23.290 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

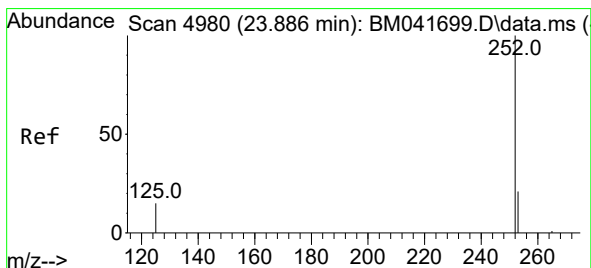
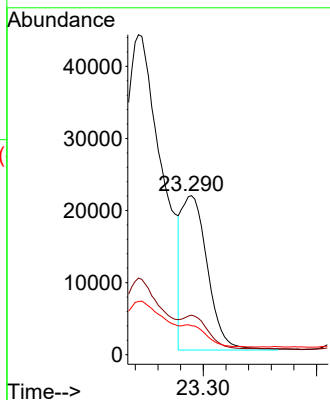
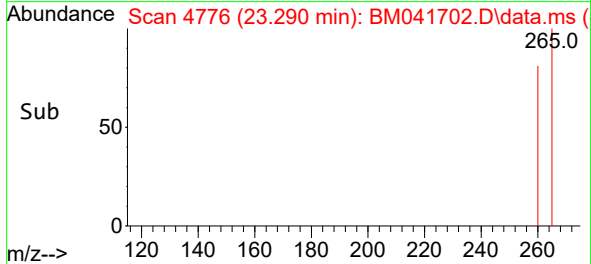
Instrument :
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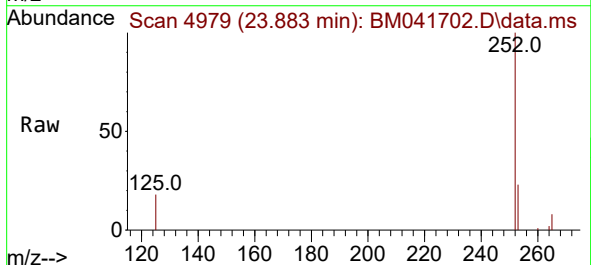
Tgt Ion:252 Resp: 3398
Ion Ratio Lower Upper
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253 24.9 21.3 31.9
125 18.2 17.4 26.0

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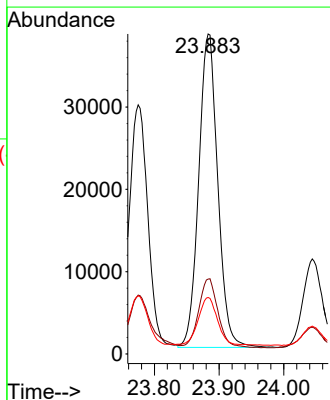
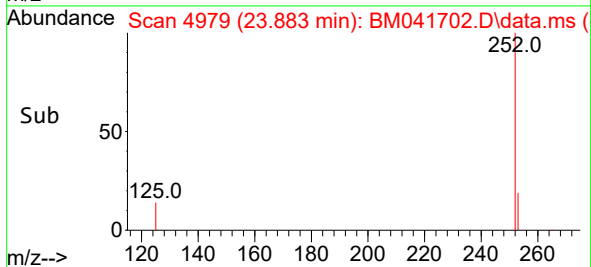
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

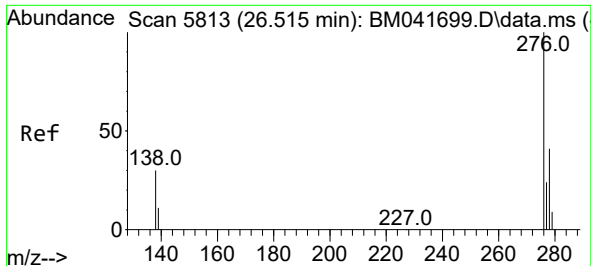


#26
Benzo(a)pyrene
Concen: 1.994 ng/ul
RT: 23.883 min Scan# 4979
Delta R.T. -0.015 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35



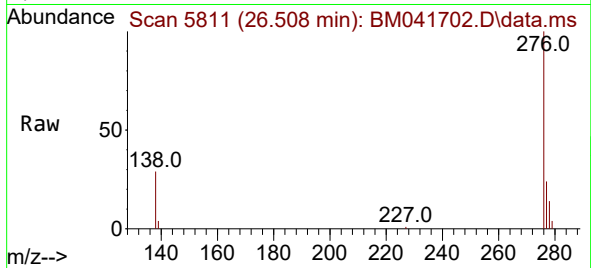
Tgt Ion:252 Resp: 77804
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 17.6 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.334 ng/ul
RT: 26.508 min Scan# 5811
Delta R.T. -0.023 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

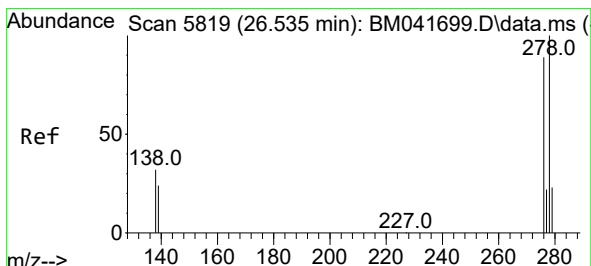
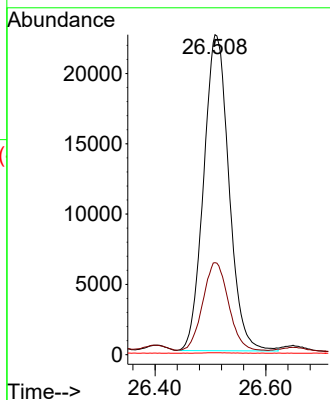
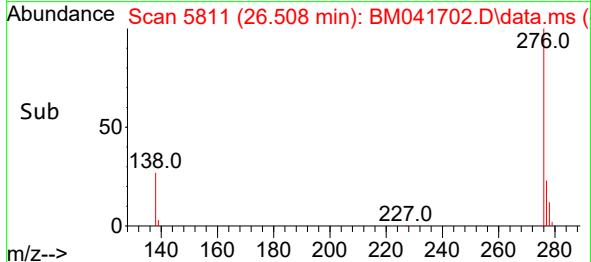
Instrument :
BNA_M
ClientSampleId :
EZY2DL



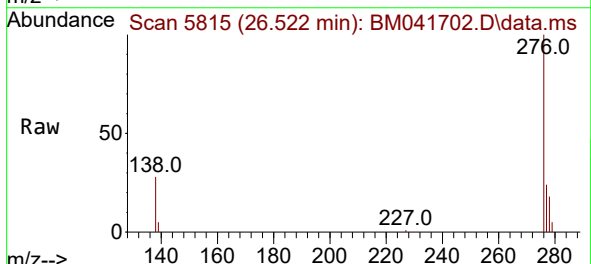
Tgt Ion:276 Resp: 71404
Ion Ratio Lower Upper
276 100
138 28.2 26.4 39.6
227 0.2 0.1 0.1

Manual Integrations
APPROVED

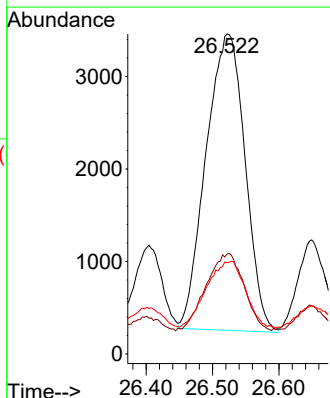
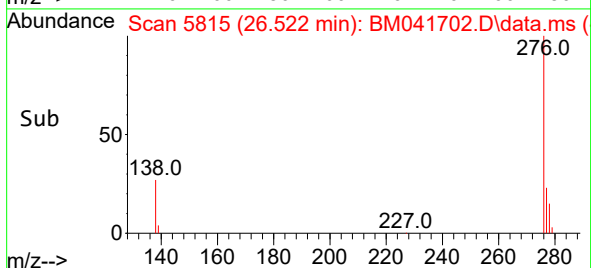
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

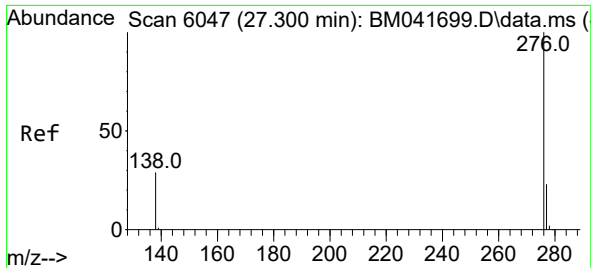


#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.030 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35



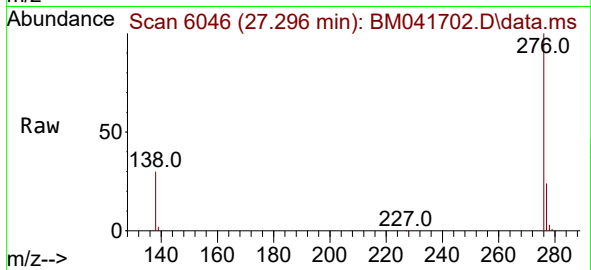
Tgt Ion:278 Resp: 13102
Ion Ratio Lower Upper
278 100
139 31.2 23.0 34.6
279 28.5 22.9 34.3





#29
Benzo(g,h,i)perylene
Concen: 1.666 ng/ul
RT: 27.296 min Scan# 6046
Delta R.T. -0.020 min
Lab File: BM041702.D
Acq: 07 Sep 2023 19:35

Instrument :
BNA_M
ClientSampleId :
EZYLDL



Tgt Ion: 276 Resp: 7902
Ion Ratio Lower Upper
276 100
138 30.2 25.0 37.4
277 23.7 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

