

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041101.D
 Acq On : 25 Jul 2023 12:05
 Operator : MA/JU
 Sample : 03534-14
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4726

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 04:22:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3707	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	12480	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.490	164	6599	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	16301	0.400	ng/ul #	0.00
17) Chrysene-d12	21.445	240	11351	0.400	ng/ul #	0.00
23) Perylene-d12	23.827	264	14611	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	16936	2.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	4234	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	8924	0.289	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	4962	0.122	ng/ul	95
7) 2-Methylnaphthalene	12.308	142	2443	0.123	ng/ul	94
8) 1-Methylnaphthalene	12.528	142	1599	0.078	ng/ul	98
10) Acenaphthylene	14.208	152	4775	0.171	ng/ul#	85
11) Acenaphthene	14.550	153	5099	0.217	ng/ul	98
12) Fluorene	15.545	166	6293	0.245	ng/ul#	97
15) Phenanthrene	17.286	178	88497	1.761	ng/ul	99
16) Anthracene	17.379	178	18948	0.466	ng/ul	97
19) Fluoranthene	19.310	202	212178	5.216	ng/ul	98
20) Pyrene	19.678	202	183536	4.092	ng/ul	96
21) Benzo(a)anthracene	21.428	228	89693	2.364	ng/ul	96
22) Chrysene	21.480	228	94829	2.164	ng/ul#	95
24) Benzo(b)fluoranthene	23.102	252	129031	2.216	ng/ul	93
25) Benzo(k)fluoranthene	23.146	252	46428m	0.835	ng/ul	
26) Benzo(a)pyrene	23.719	252	83115	1.762	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.283	276	70365	1.008	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.293	278	18201	0.332	ng/ul#	76
29) Benzo(g,h,i)perylene	27.041	276	67738	1.086	ng/ul	100

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

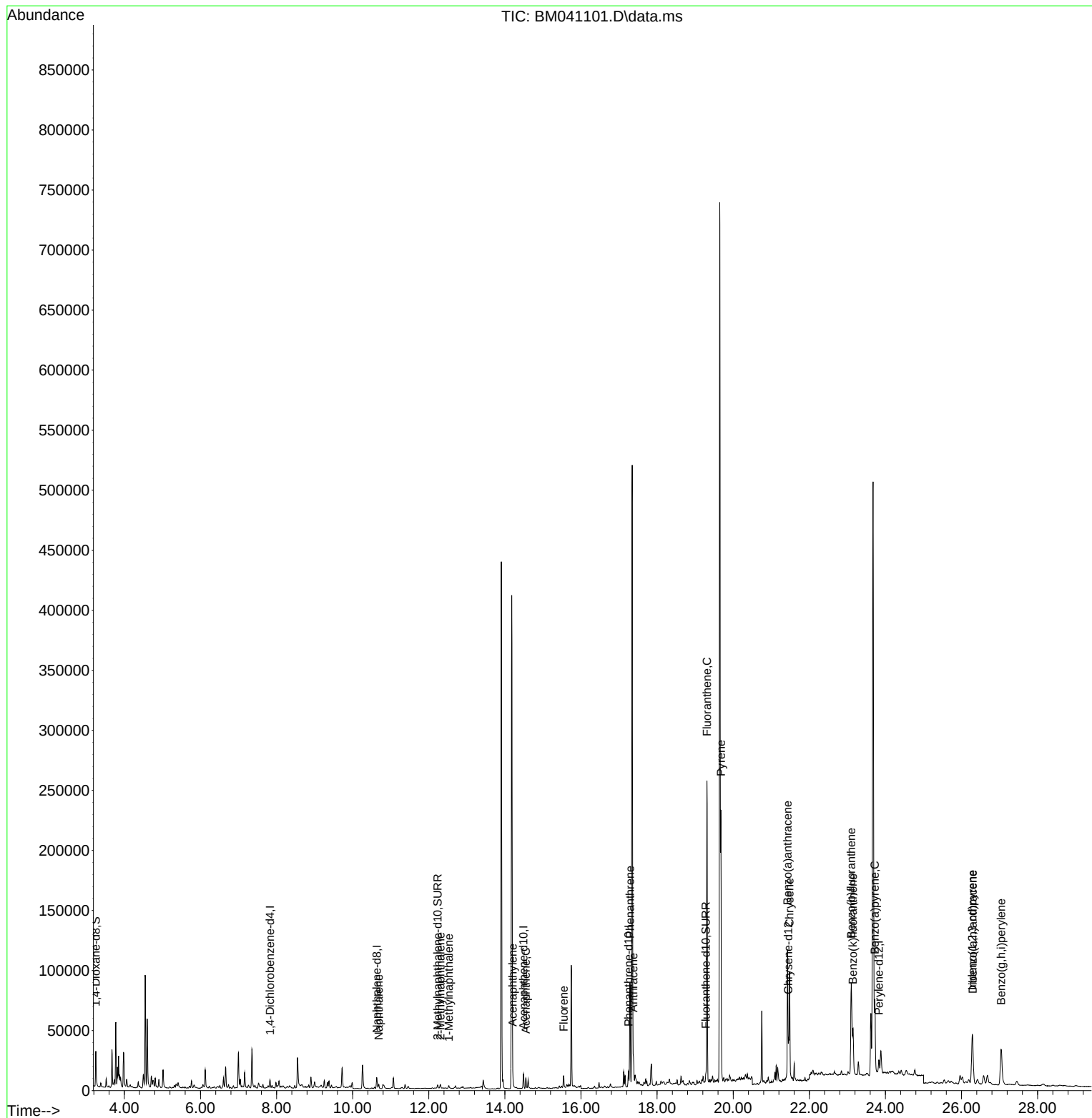
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041101.D
Acq On : 25 Jul 2023 12:05
Operator : MA/JU
Sample : 03534-14
Misc :
ALS Vial : 45 Sample Multiplier: 1

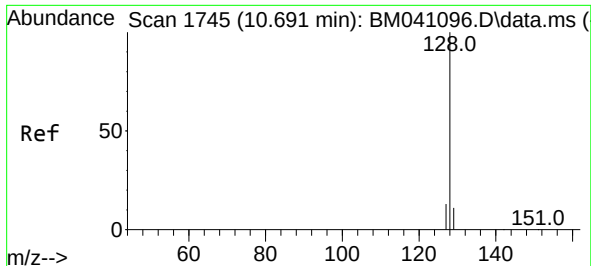
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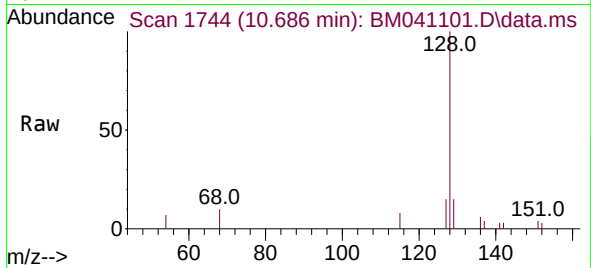
Quant Time: Jul 26 04:22:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

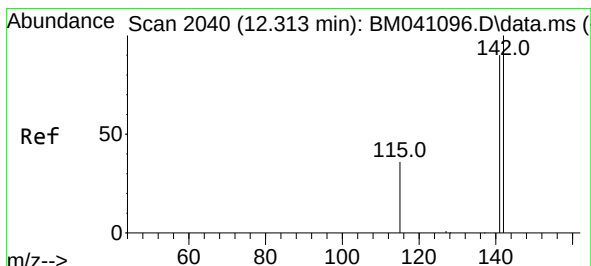
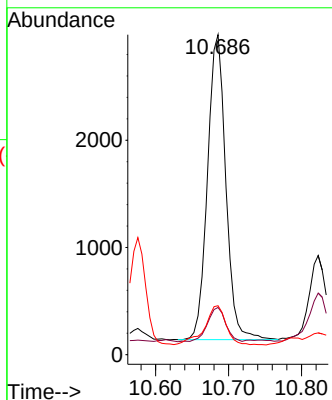
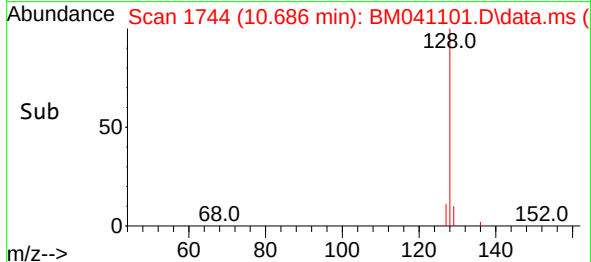
Instrument :
BNA_M
ClientSampleId :
A4726



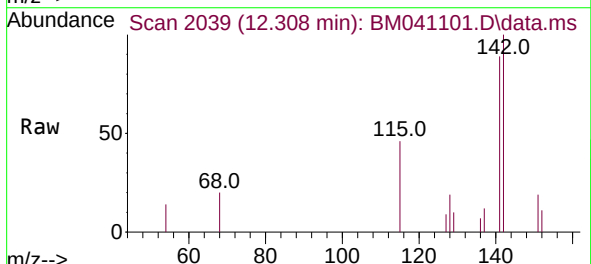
Tgt Ion:128 Resp: 4962
Ion Ratio Lower Upper
128 100
129 14.7 9.8 14.8
127 15.3 11.1 16.7

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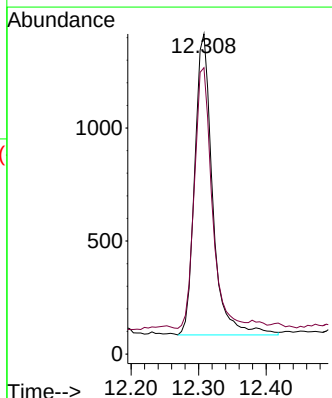
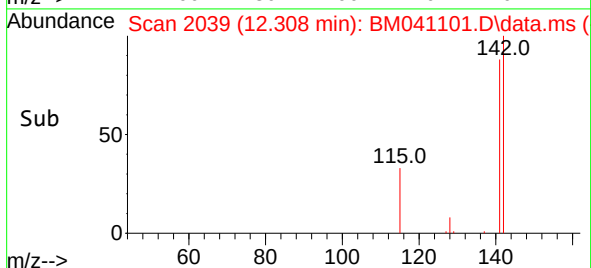
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023

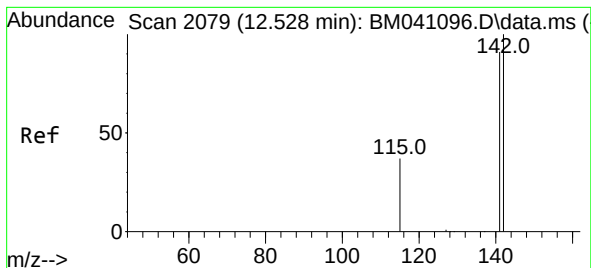


#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.308 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05



Tgt Ion:142 Resp: 2443
Ion Ratio Lower Upper
142 100
141 85.7 73.3 109.9





#8

1-Methylnaphthalene

Concen: 0.078 ng/ul

RT: 12.528 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BM041101.D

Acq: 25 Jul 2023 12:05

Instrument :

BNA_M

ClientSampleId :

A4726

Tgt Ion:142 Resp: 1599

Ion Ratio Lower Upper

142 100

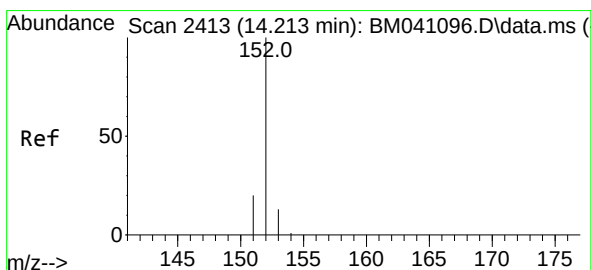
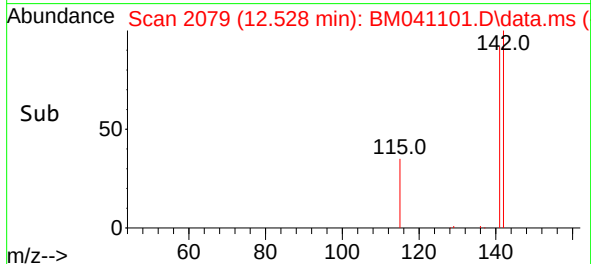
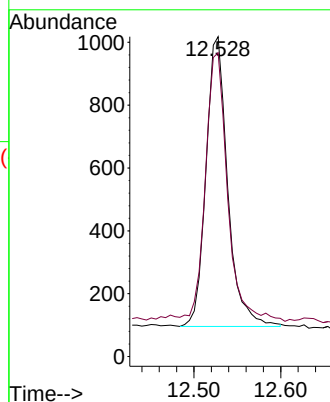
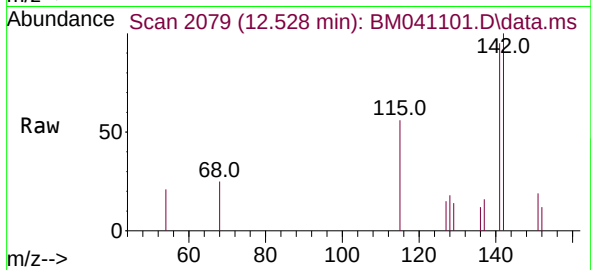
141 90.4 73.6 110.4

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#10

Acenaphthylene

Concen: 0.171 ng/ul

RT: 14.208 min Scan# 2412

Delta R.T. -0.005 min

Lab File: BM041101.D

Acq: 25 Jul 2023 12:05

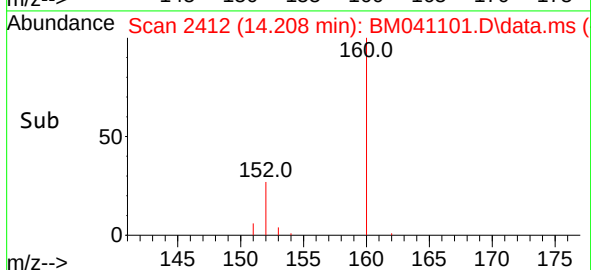
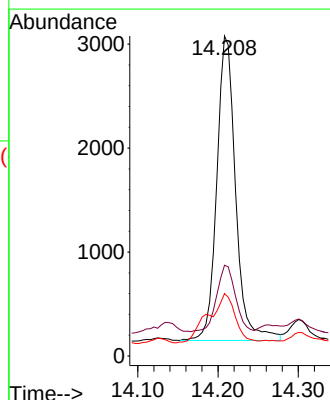
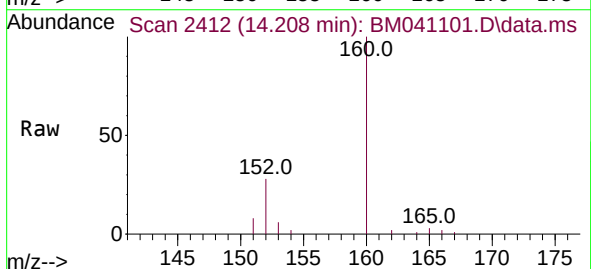
Tgt Ion:152 Resp: 4775

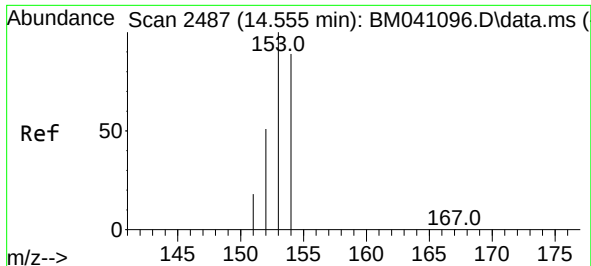
Ion Ratio Lower Upper

152 100

151 28.4 16.8 25.2#

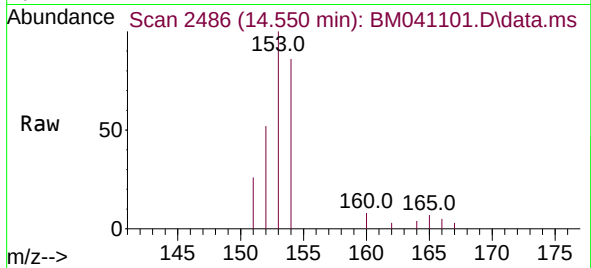
153 19.5 11.4 17.2#





#11
Acenaphthene
Concen: 0.217 ng/ul
RT: 14.550 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

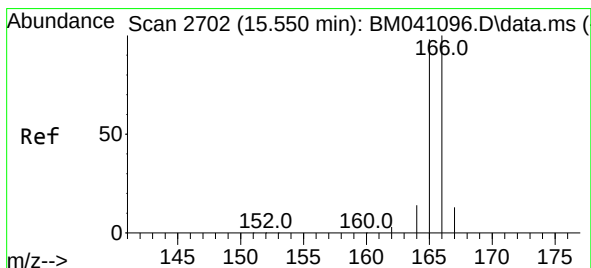
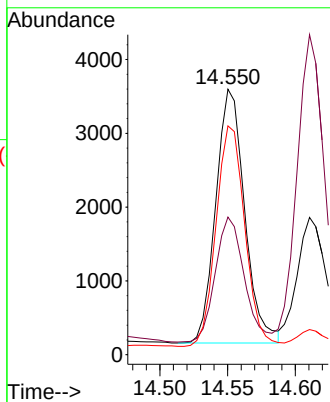
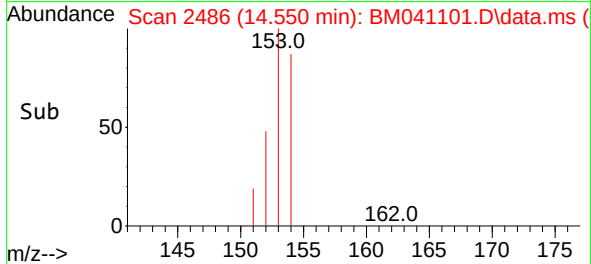
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 5099
Ion Ratio Lower Upper
153 100
152 51.9 40.2 60.4
154 86.2 70.3 105.5

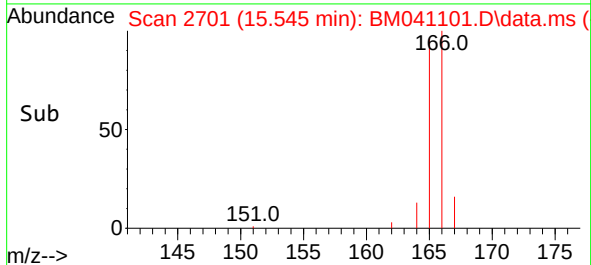
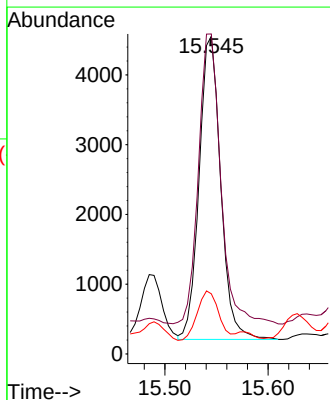
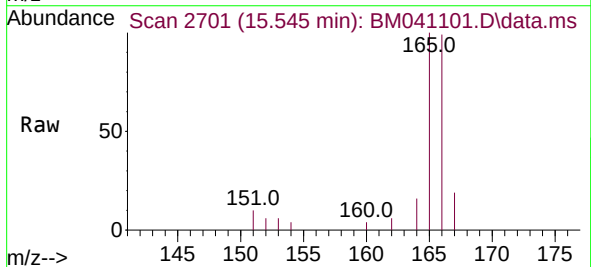
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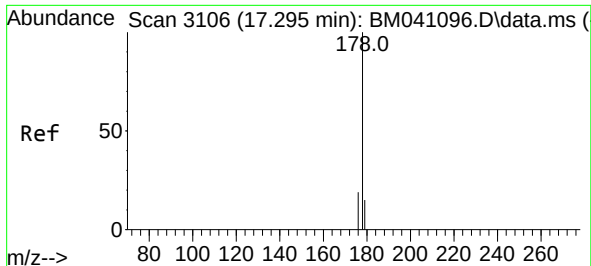
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

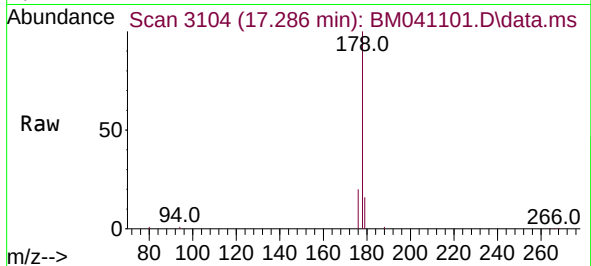
Tgt Ion:166 Resp: 6293
Ion Ratio Lower Upper
166 100
165 100.7 79.4 119.0
167 18.9 11.4 17.2#





#15
Phenanthrene
Concen: 1.761 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

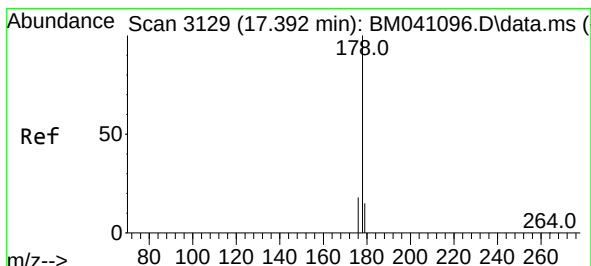
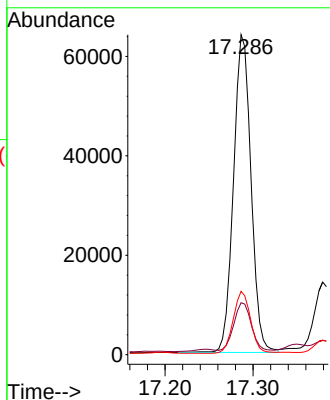
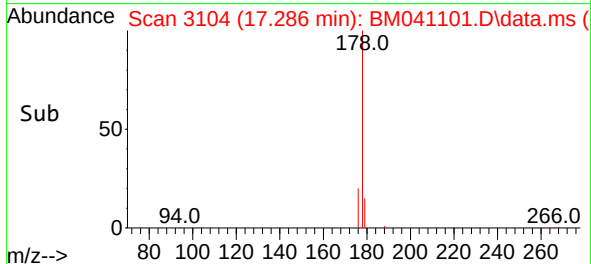
Instrument :
BNA_M
ClientSampleId :
A4726



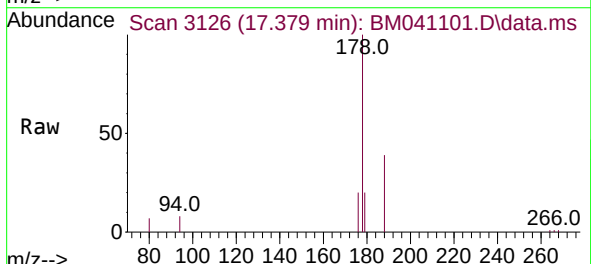
Tgt Ion:178 Resp: 8849
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 19.8 16.0 24.0

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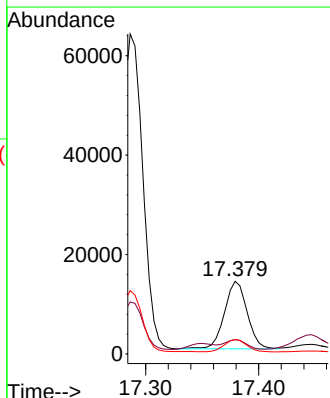
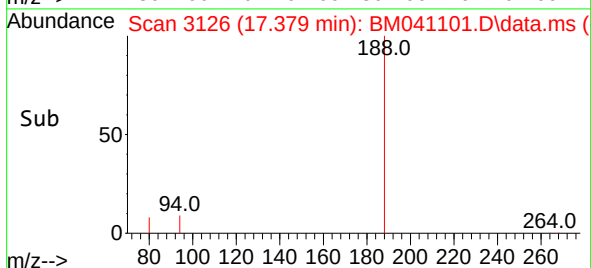
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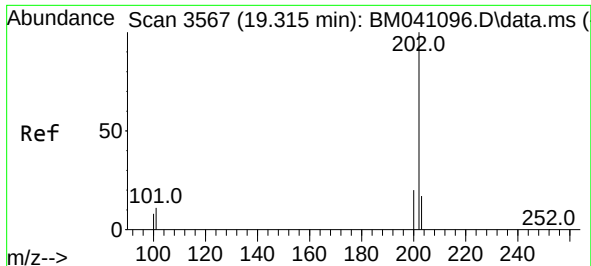


#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05



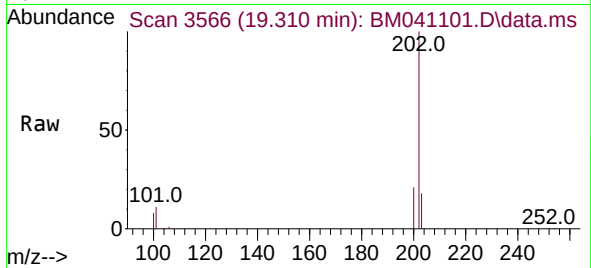
Tgt Ion:178 Resp: 18948
Ion Ratio Lower Upper
178 100
179 19.7 13.6 20.4
176 20.1 16.0 24.0





#19
Fluoranthene
Concen: 5.216 ng/u1
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

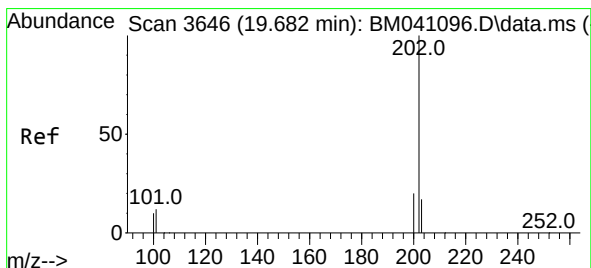
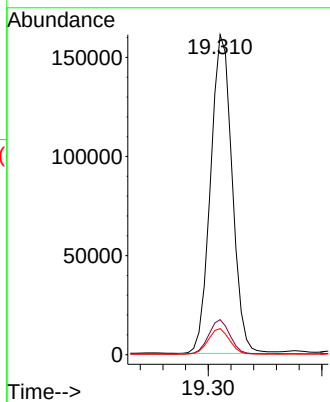
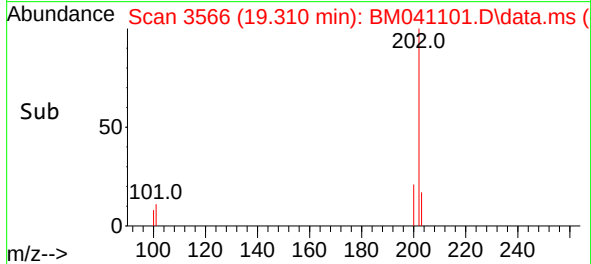
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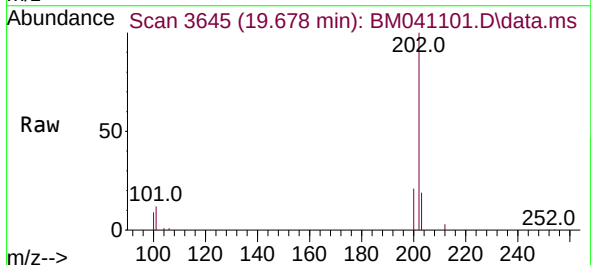
Tgt Ion:202 Resp: 212178
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.0
100 8.1 7.1 10.7

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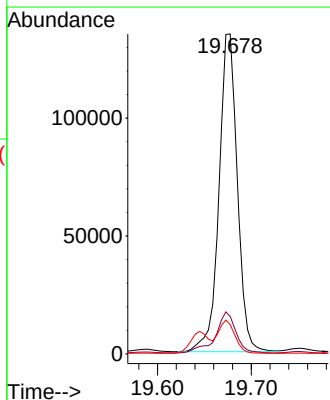
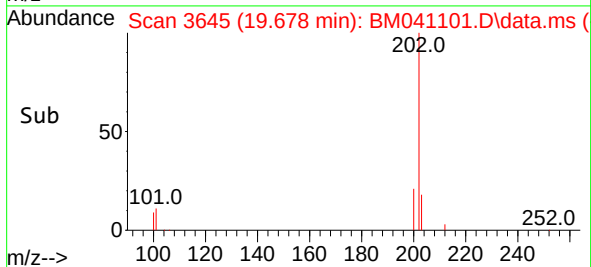
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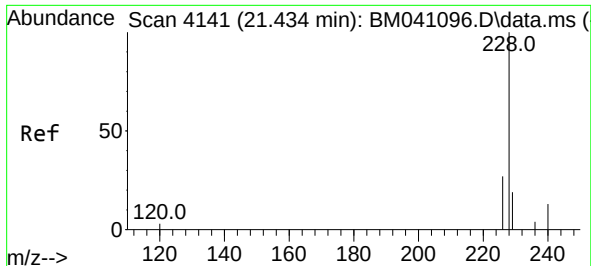


#20
Pyrene
Concen: 4.092 ng/u1
RT: 19.678 min Scan# 3645
Delta R.T. -0.005 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05



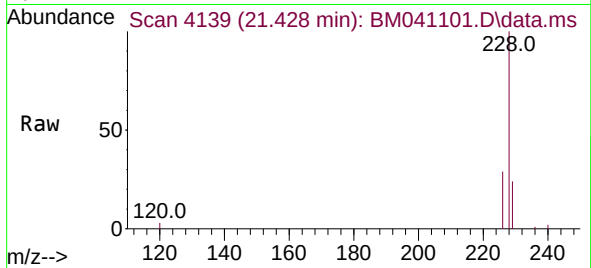
Tgt Ion:202 Resp: 183536
Ion Ratio Lower Upper
202 100
101 11.8 10.7 16.1
100 9.1 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.364 ng/ul
RT: 21.428 min Scan# 41139
Delta R.T. -0.006 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

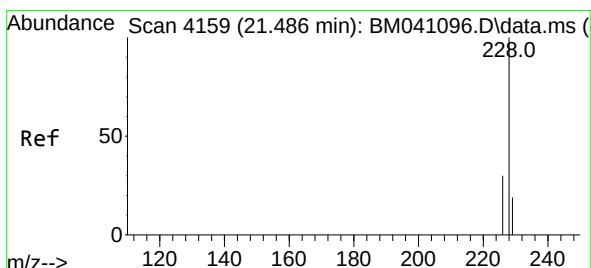
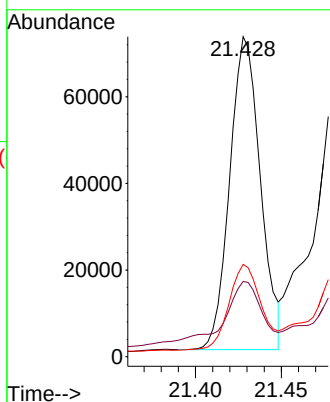
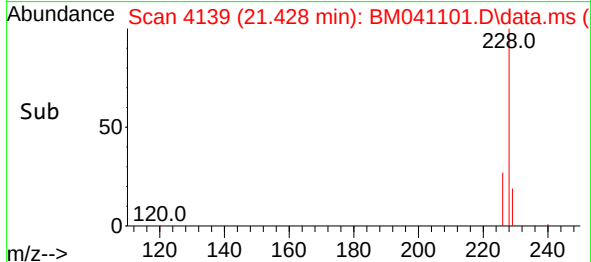
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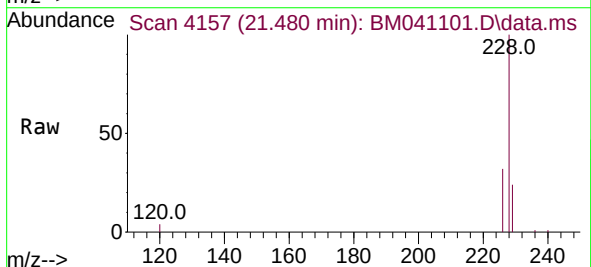
Tgt Ion:228 Resp: 8969
Ion Ratio Lower Upper
228 100
229 23.5 16.5 24.7
226 28.8 22.2 33.2

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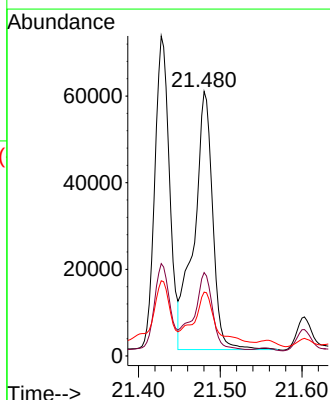
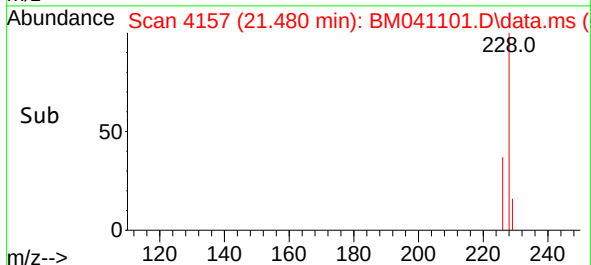
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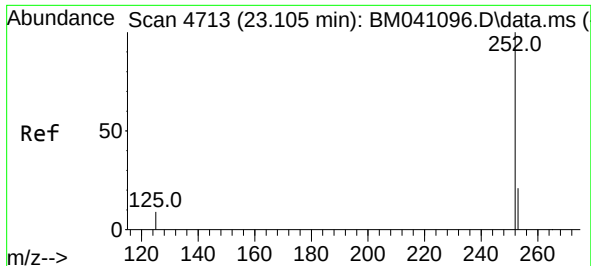


#22
Chrysene
Concen: 2.164 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05



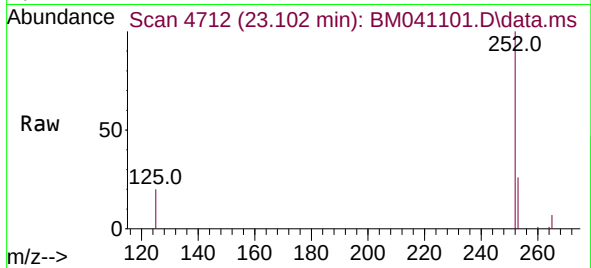
Tgt Ion:228 Resp: 94829
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.4
229 24.1 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 2.216 ng/ul
RT: 23.102 min Scan# 4712
Delta R.T. -0.003 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

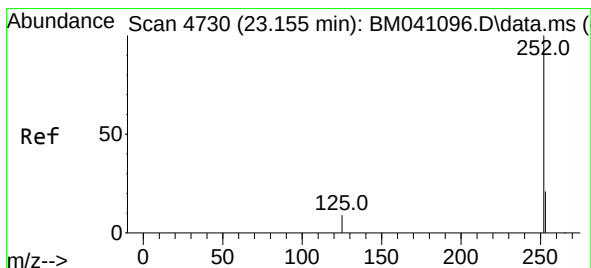
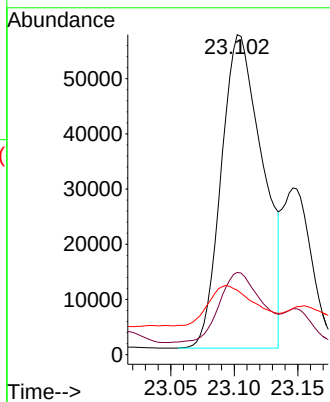
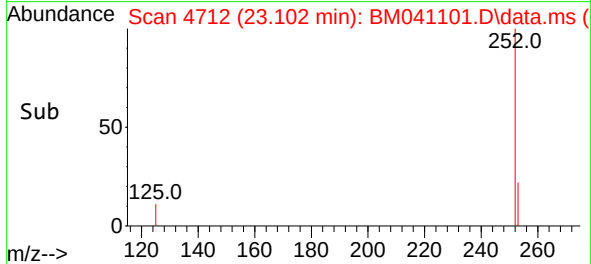
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Tgt Ion:252 Resp: 12903
Ion Ratio Lower Upper
252 100
253 25.7 0.0 57.6
125 20.2 0.0 33.6

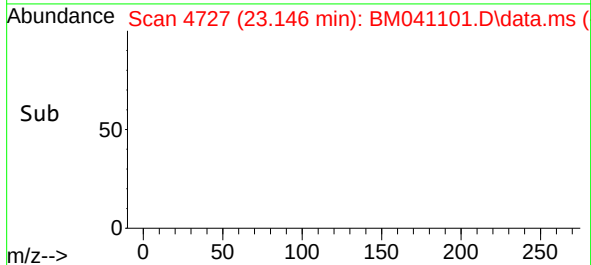
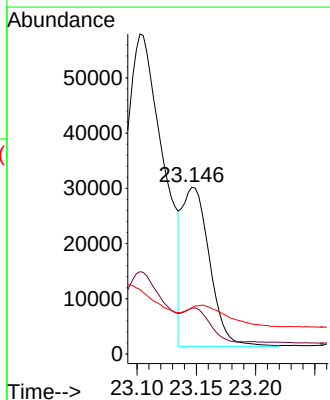
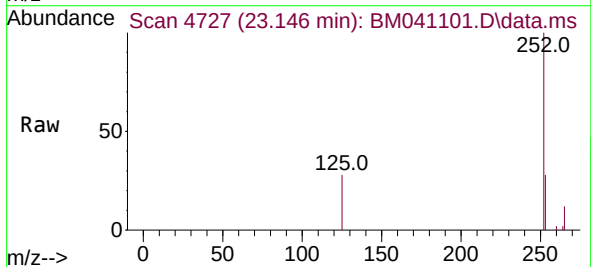
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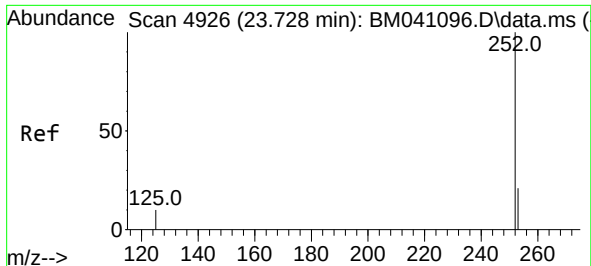
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.835 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.009 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

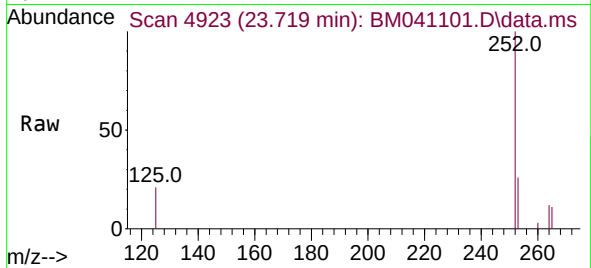
Tgt Ion:252 Resp: 46428
Ion Ratio Lower Upper
252 100
253 27.5 22.8 34.2
125 27.8 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 1.762 ng/ul
RT: 23.719 min Scan# 4926
Delta R.T. -0.009 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

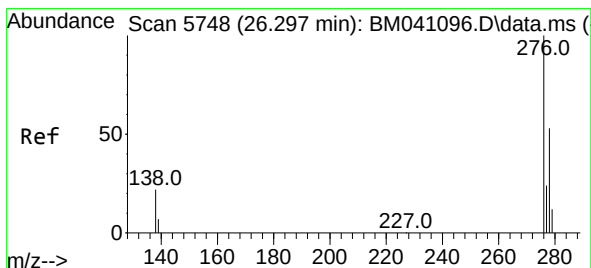
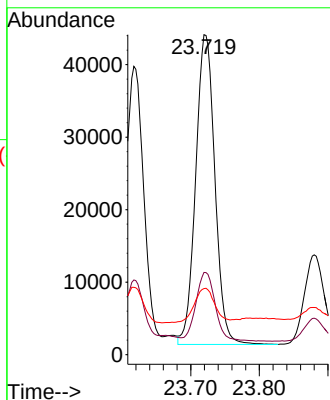
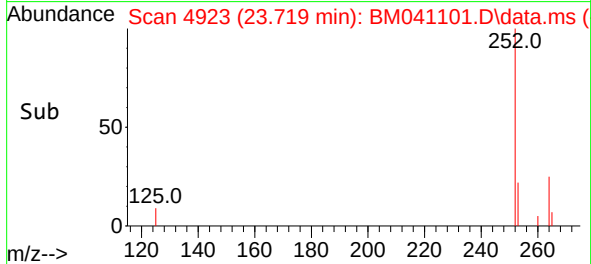
Instrument :
BNA_M
ClientSampleId :
A4726



Tgt Ion:252 Resp: 83111
Ion Ratio Lower Upper
252 100
253 25.7 26.7 40.1
125 20.6 18.1 27.1

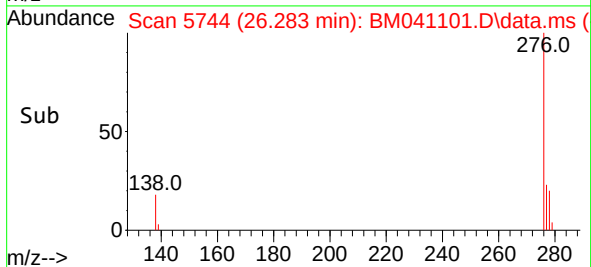
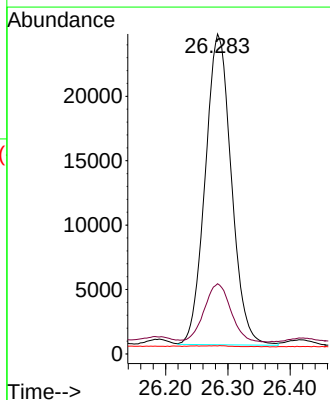
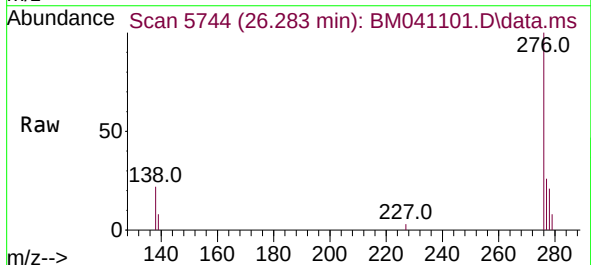
Manual Integrations
APPROVED

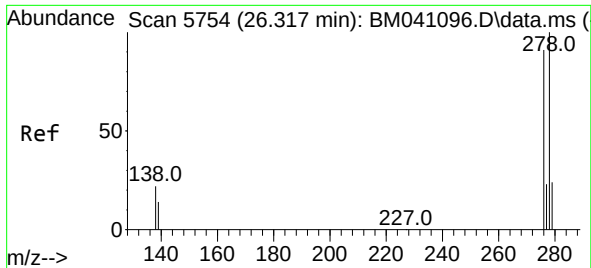
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.008 ng/ul
RT: 26.283 min Scan# 5744
Delta R.T. -0.014 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

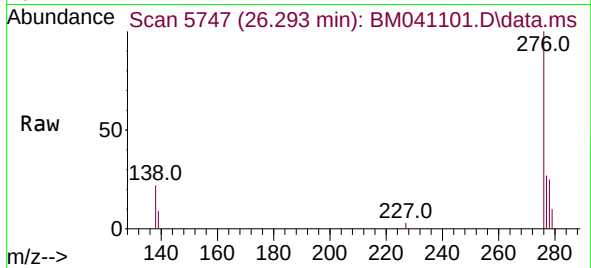
Tgt Ion:276 Resp: 70365
Ion Ratio Lower Upper
276 100
138 19.1 18.1 27.1
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 26.293 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05

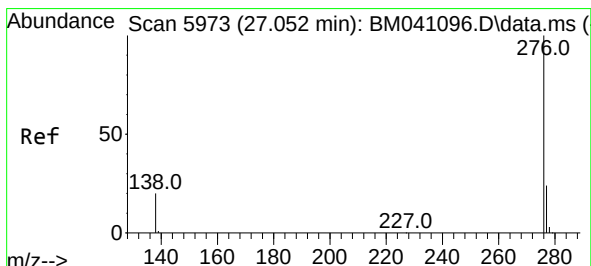
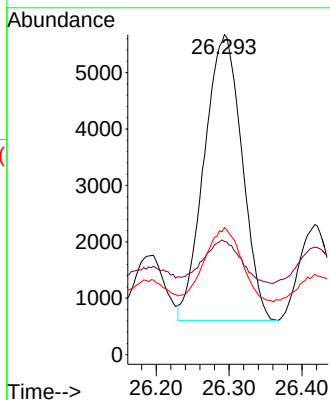
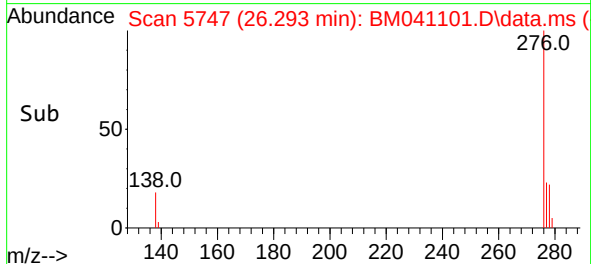
Instrument :
BNA_M
ClientSampleId :
A4726



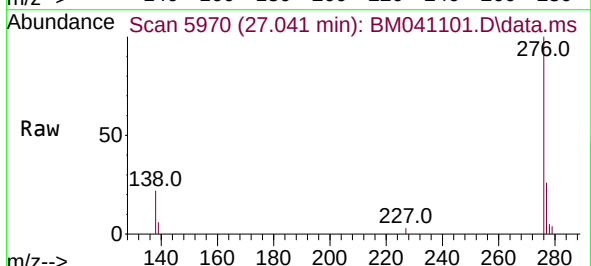
Tgt Ion:278 Resp: 1820
Ion Ratio Lower Upper
278 100
139 35.4 14.1 21.1
279 39.7 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/27/2023



#29
Benzo(g,h,i)perylene
Concen: 1.086 ng/ul
RT: 27.041 min Scan# 5970
Delta R.T. -0.010 min
Lab File: BM041101.D
Acq: 25 Jul 2023 12:05



Tgt Ion:276 Resp: 67738
Ion Ratio Lower Upper
276 100
138 22.4 18.2 27.2
277 25.9 20.6 30.8

