

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040382.D
 Acq On : 23 Jun 2023 19:11
 Operator : MA/JU
 Sample : 03084-15DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:38:16 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	27403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	13315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	26499	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	19433	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	16470	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	14322	1.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	3367	0.088	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	5751	0.092	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.805	128	5913	0.078	ng/ul#	93
7) 2-Methylnaphthalene	12.417	142	4008	0.090	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	3394	0.077	ng/ul	98
10) Acenaphthylene	14.309	152	5805	0.098	ng/ul#	93
11) Acenaphthene	14.651	153	1652	0.033	ng/ul	96
12) Fluorene	15.636	166	1371	0.026	ng/ul#	90
15) Phenanthrene	17.374	178	30755	0.374	ng/ul	100
16) Anthracene	17.463	178	5134	0.074	ng/ul#	90
19) Fluoranthene	19.389	202	74731	0.905	ng/ul	98
20) Pyrene	19.751	202	57677m	0.652	ng/ul	
21) Benzo(a)anthracene	21.497	228	32817	0.499	ng/ul	97
22) Chrysene	21.550	228	39432	0.526	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	54328	0.852	ng/ul	98
25) Benzo(k)fluoranthene	23.236	252	18414m	0.293	ng/ul	
26) Benzo(a)pyrene	23.821	252	27676	0.482	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.427	276	22058	0.276	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.440	278	5429	0.087	ng/ul#	69
29) Benzo(g,h,i)perylene	27.202	276	21757	0.310	ng/ul	99

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

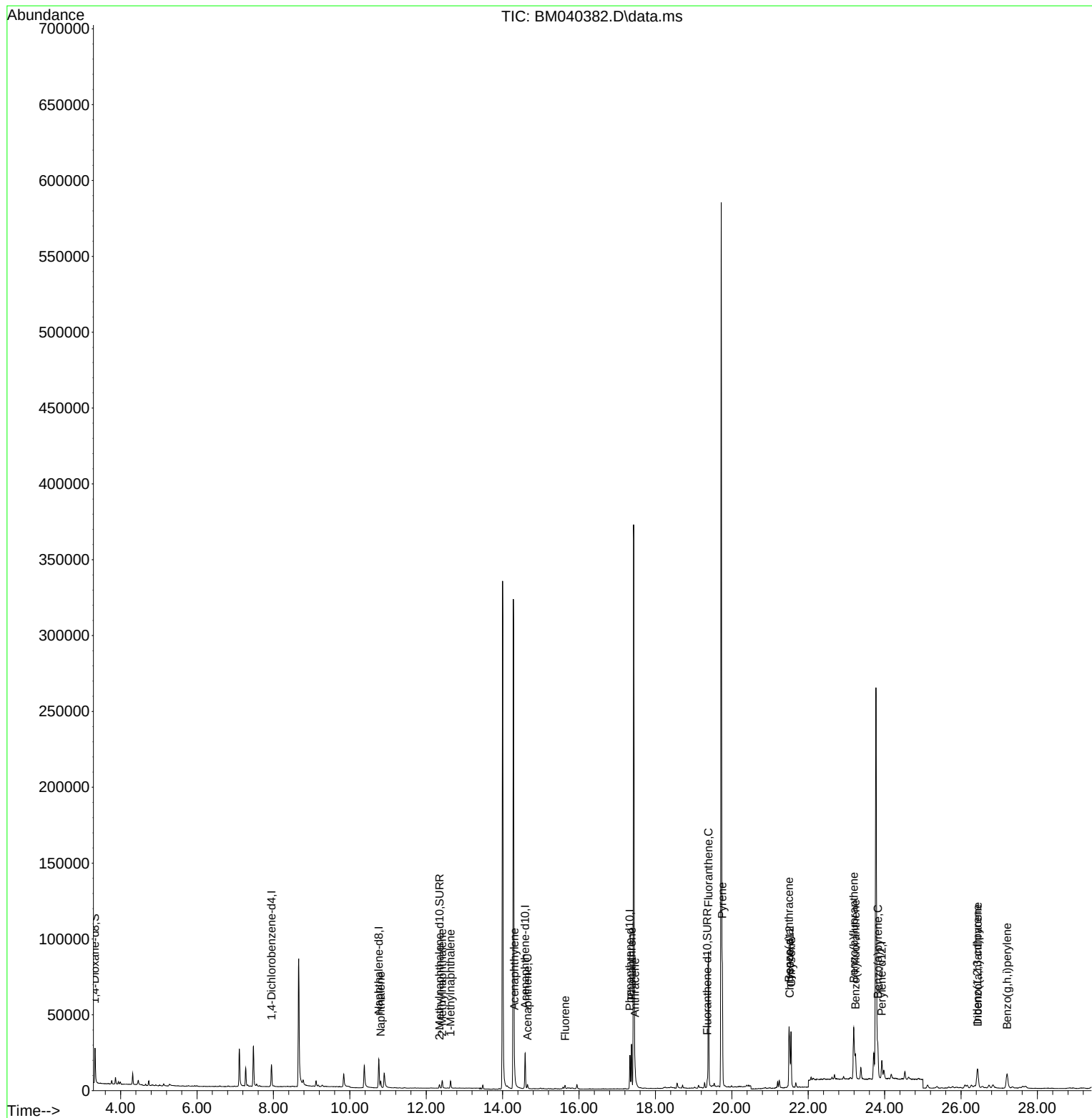
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040382.D
Acq On : 23 Jun 2023 19:11
Operator : MA/JU
Sample : 03084-15DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

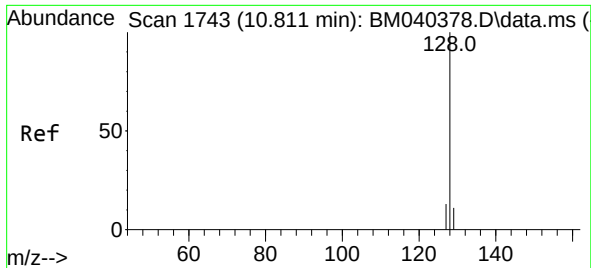
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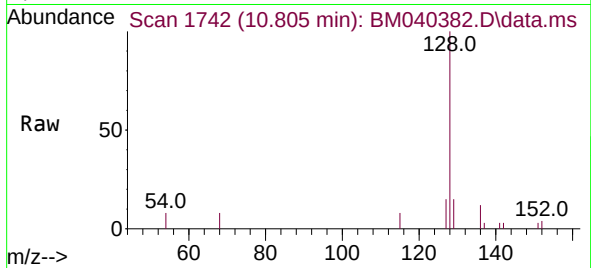
Quant Time: Jun 24 01:38:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

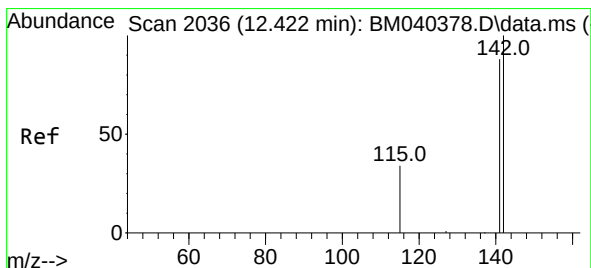
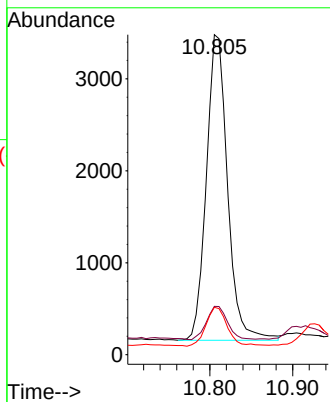
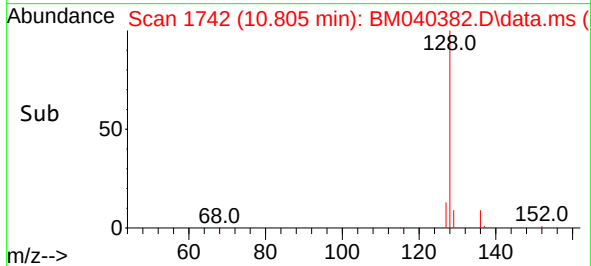
Instrument :
BNA_M
ClientSampleId :
DCFN2DL



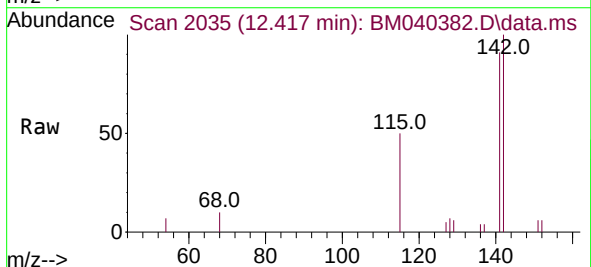
Tgt Ion:128 Resp: 591
Ion Ratio Lower Upper
128 100
129 15.1 9.2 13.8
127 14.8 10.6 15.8

Manual Integrations
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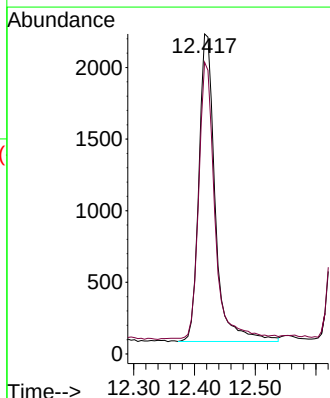
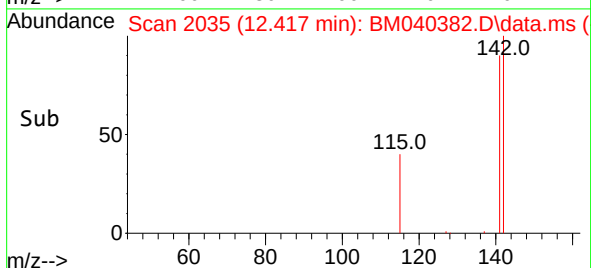
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

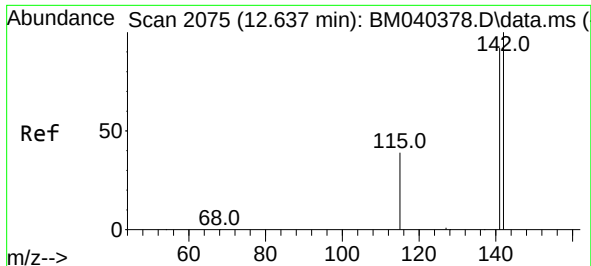


#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11



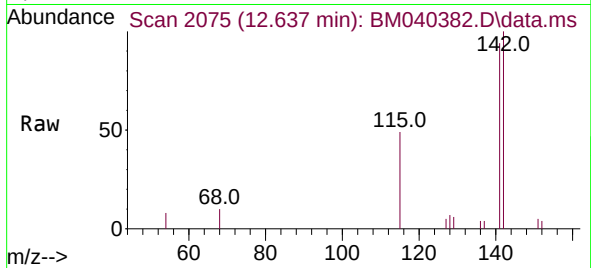
Tgt Ion:142 Resp: 4008
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

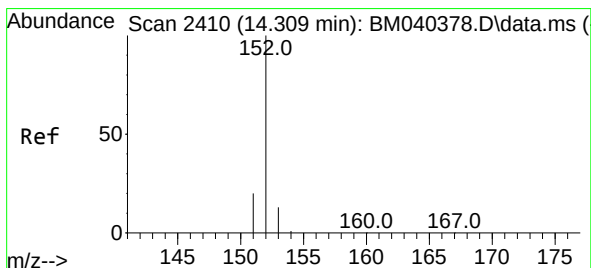
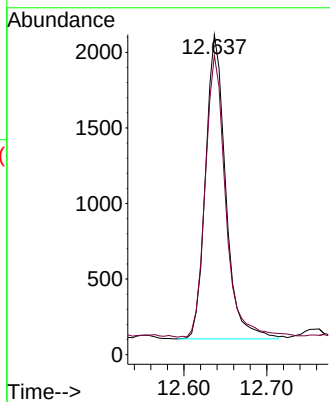
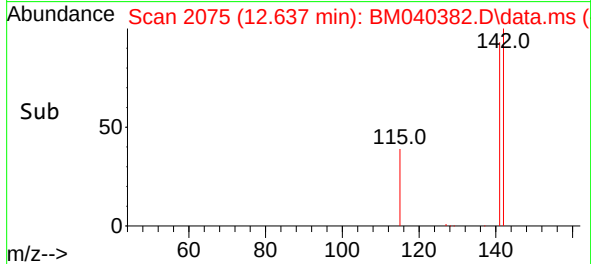
Instrument :
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Tgt Ion:142 Resp: 3394
Ion Ratio Lower Upper
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141 93.7 73.7 110.5

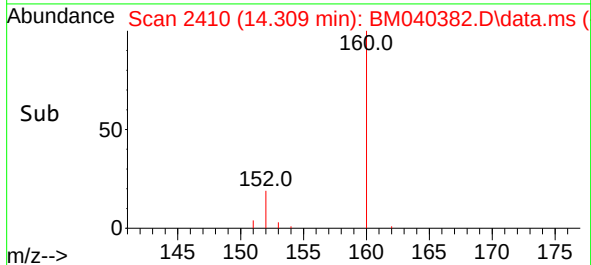
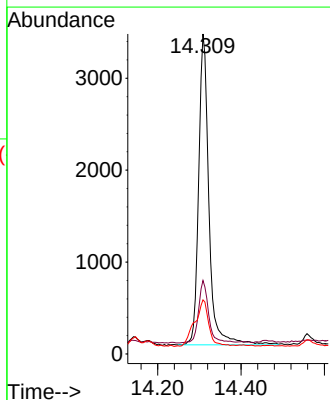
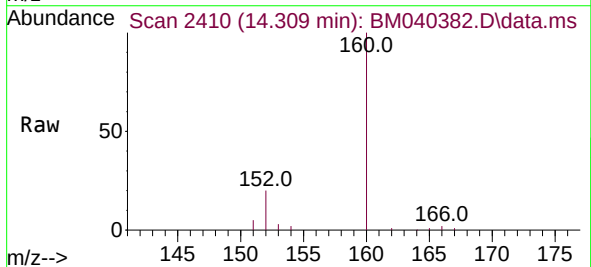
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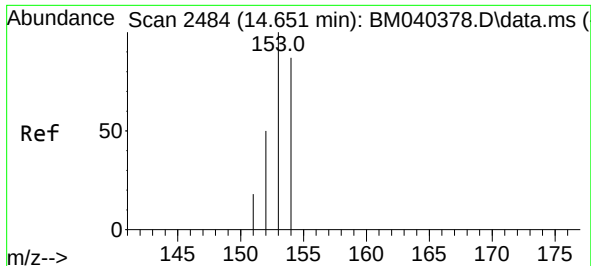
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

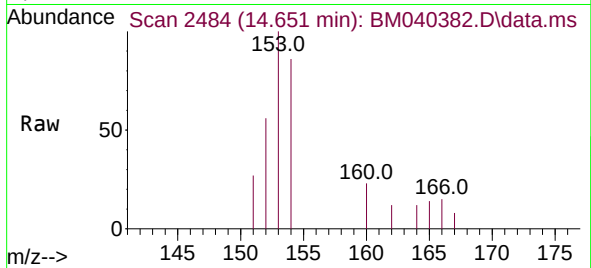
Tgt Ion:152 Resp: 5805
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 16.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

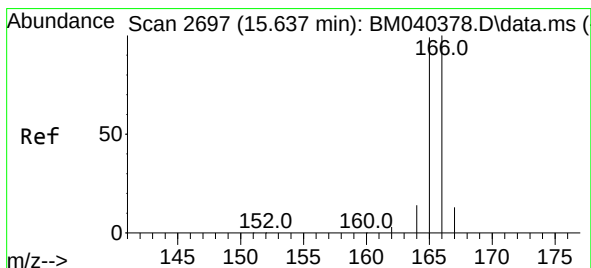
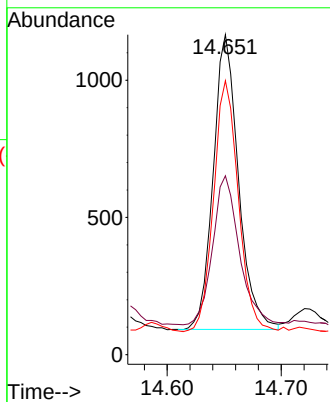
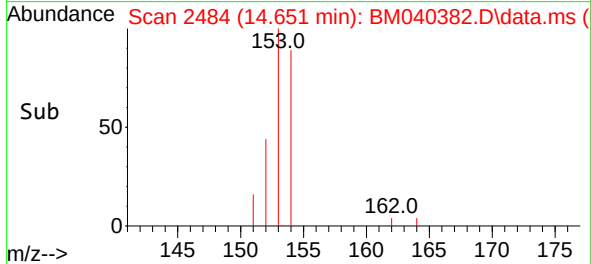
Instrument :
BNA_M
ClientSampleId :
DCFN2DL



Tgt Ion:153 Resp: 1652
Ion Ratio Lower Upper
153 100
152 55.9 41.0 61.4
154 85.6 70.8 106.2

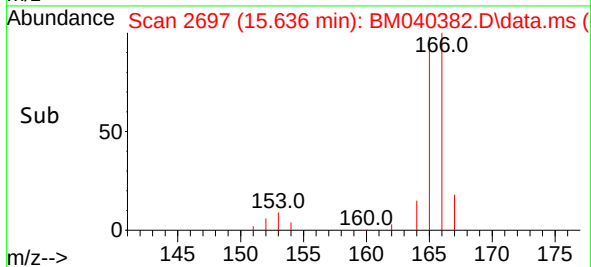
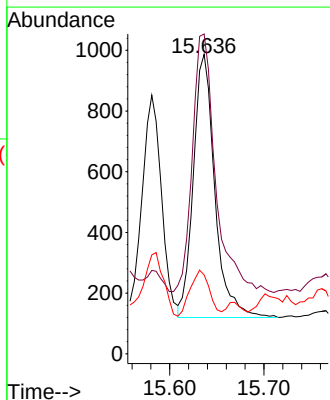
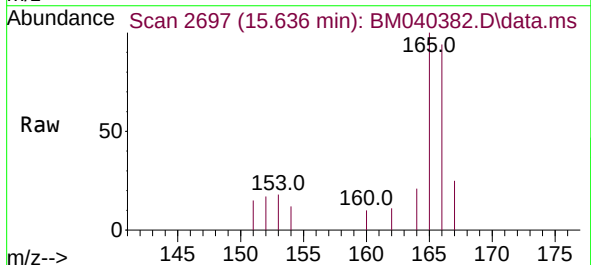
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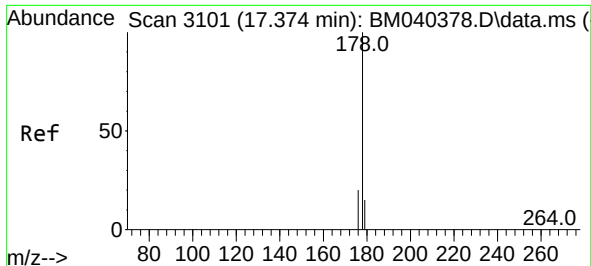
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

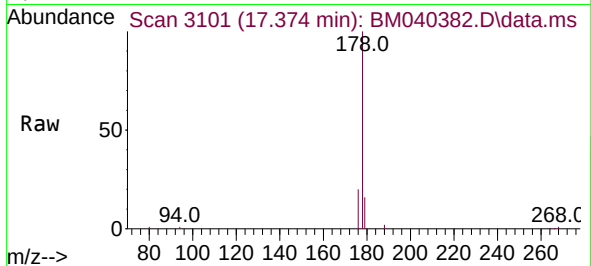
Tgt Ion:166 Resp: 1371
Ion Ratio Lower Upper
166 100
165 106.8 79.6 119.4
167 26.3 11.4 17.0#





#15
Phenanthrene
Concen: 0.374 ng/u1
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

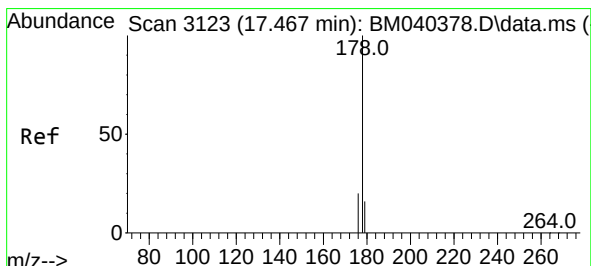
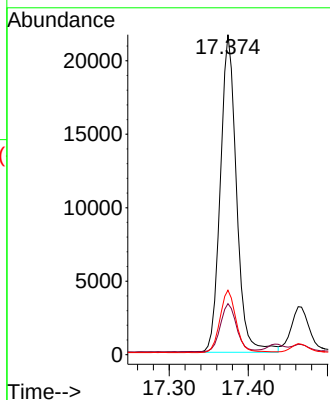
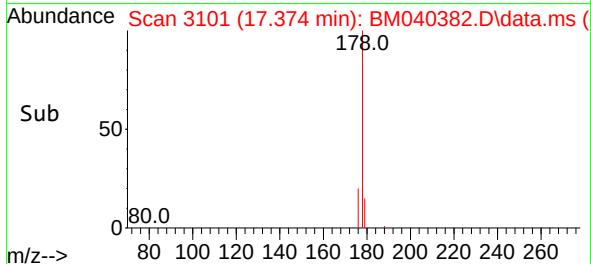
Instrument :
BNA_M
ClientSampleId :
DCFN2DL



Tgt Ion:178 Resp: 3075
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.1 16.4 24.6

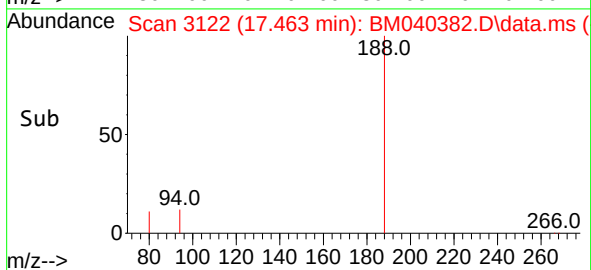
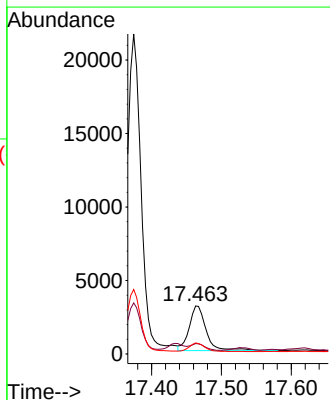
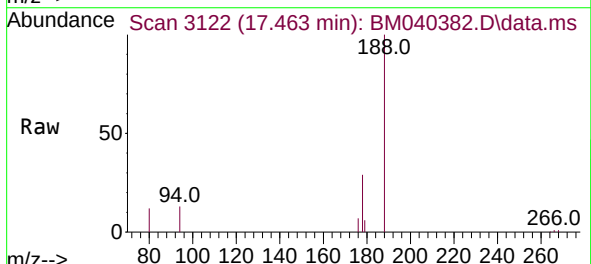
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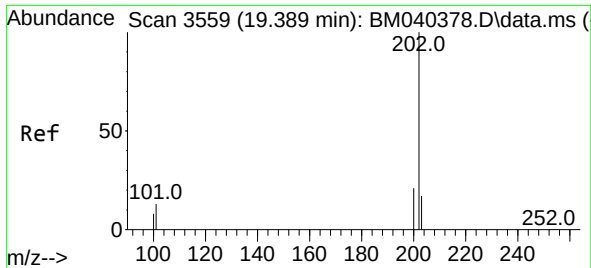
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.074 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

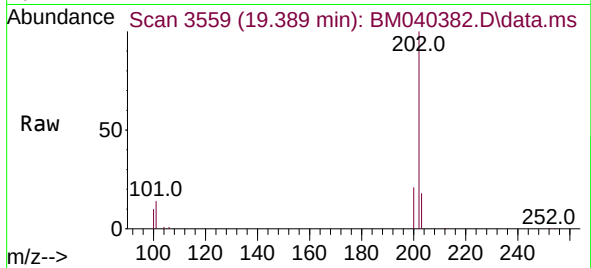
Tgt Ion:178 Resp: 5134
Ion Ratio Lower Upper
178 100
179 21.6 12.9 19.3#
176 22.8 15.8 23.6





#19
Fluoranthene
Concen: 0.905 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

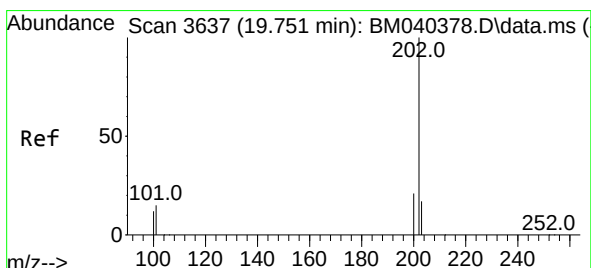
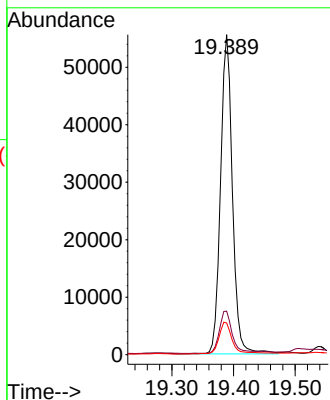
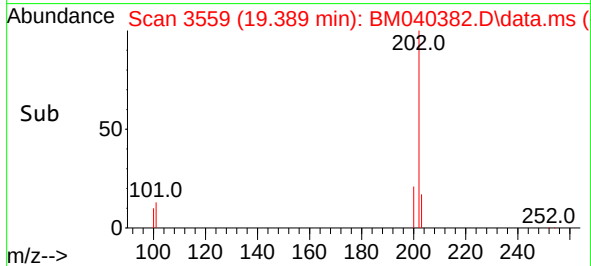
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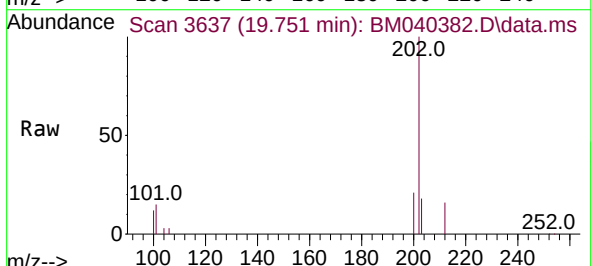
Tgt Ion:202 Resp: 7473
Ion Ratio Lower Upper
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100 9.9 8.7 13.1

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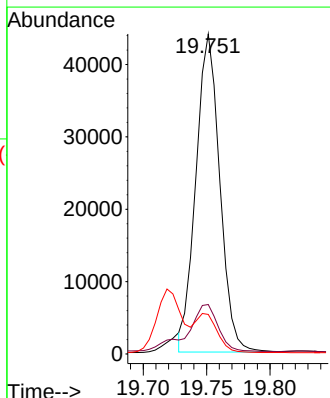
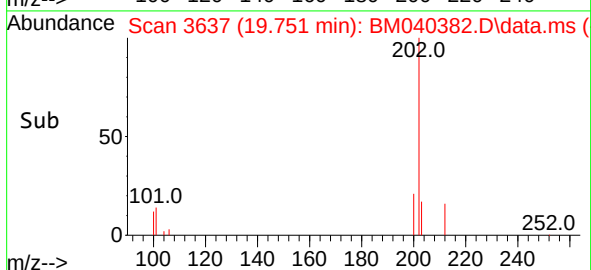
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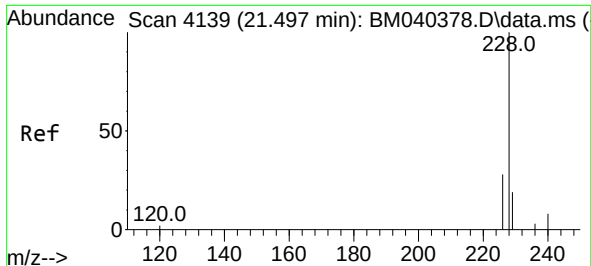


#20
Pyrene
Concen: 0.652 ng/ul m
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11



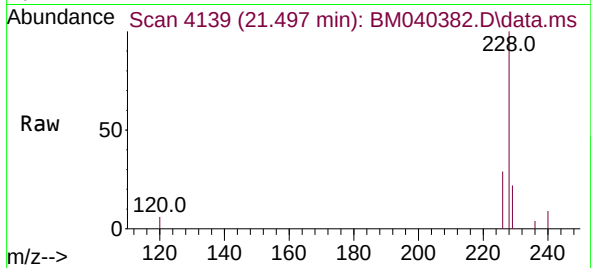
Tgt Ion:202 Resp: 57677
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.499 ng/u1
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

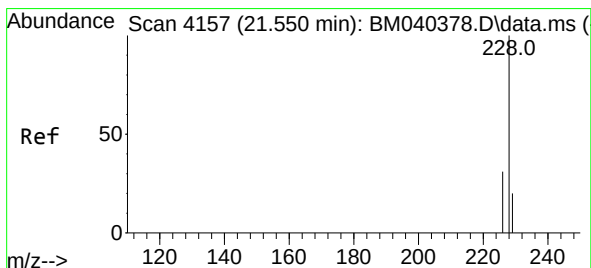
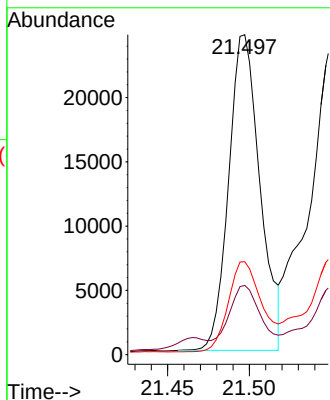
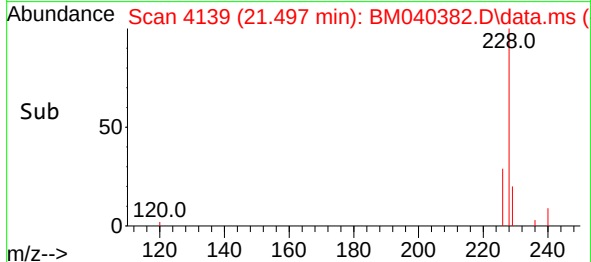
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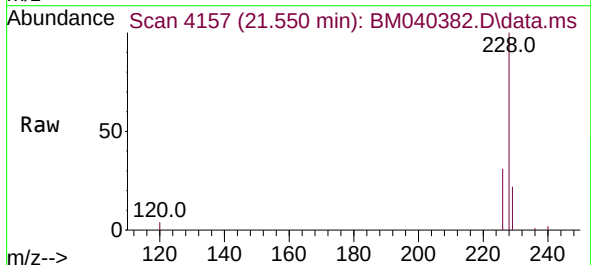
Tgt Ion:228 Resp: 3281
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.1 22.3 33.5

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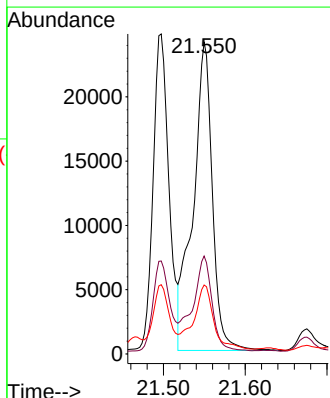
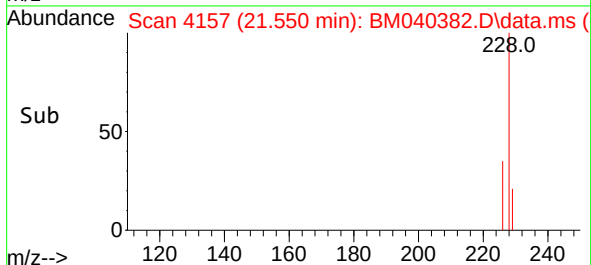
Reviewed By :Yogesh Patel 06/24/2023
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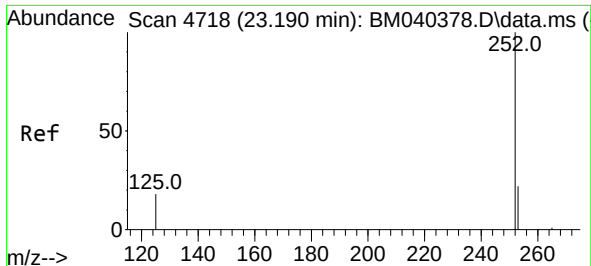


#22
Chrysene
Concen: 0.526 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11



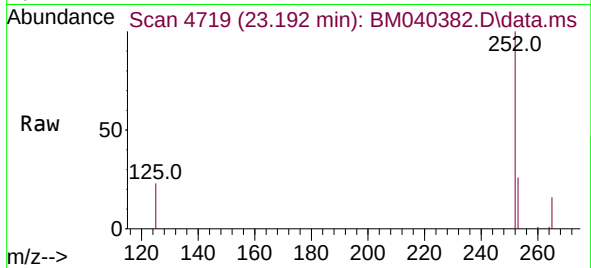
Tgt Ion:228 Resp: 39432
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.852 ng/ul
RT: 23.192 min Scan# 4718
Delta R.T. -0.000 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

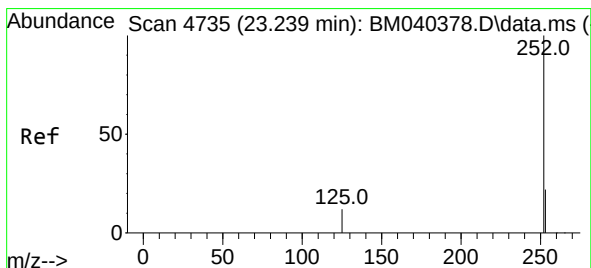
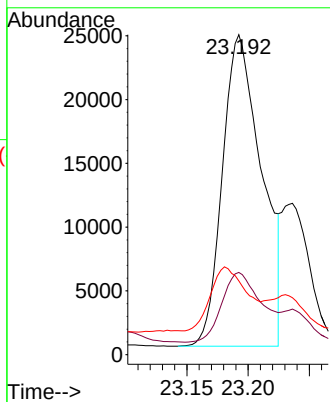
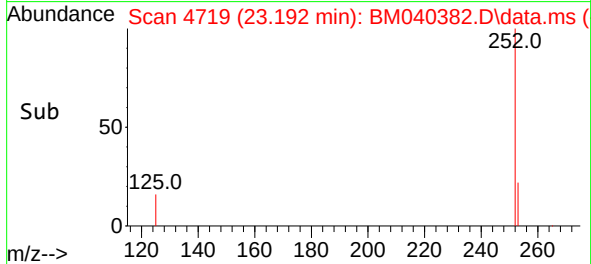
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 54328
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.8
125 23.1 0.0 43.0

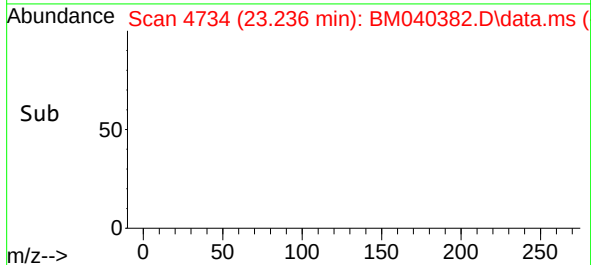
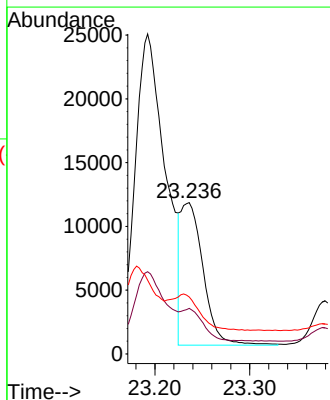
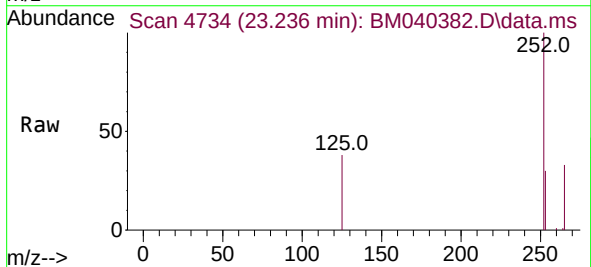
Manual Integrations
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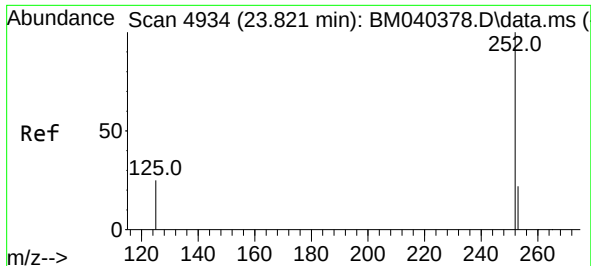
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

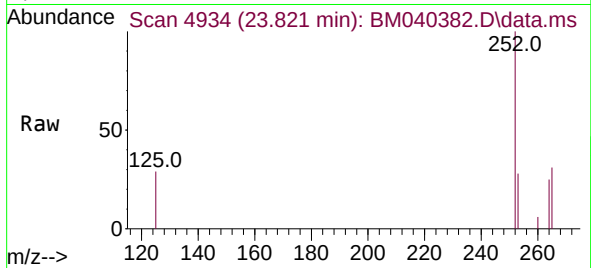
Tgt Ion:252 Resp: 18414
Ion Ratio Lower Upper
252 100
253 30.1 21.2 31.8
125 37.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.482 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

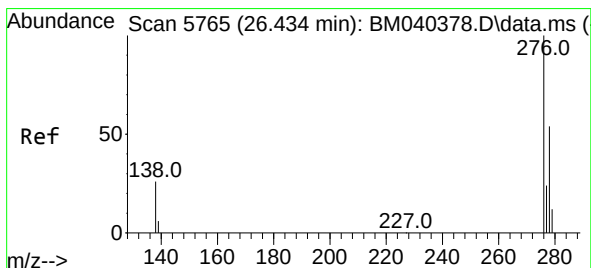
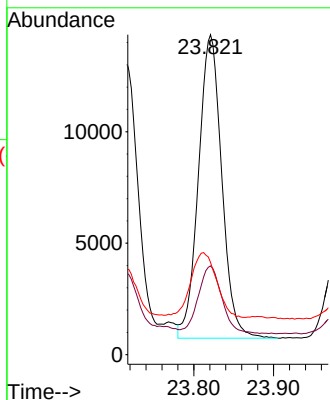
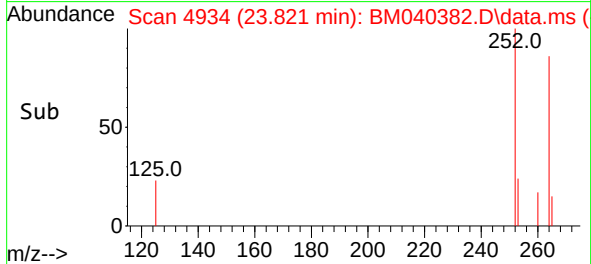
Instrument :
BNA_M
ClientSampleId :
DCFN2DL



Tgt Ion:252 Resp: 27670
Ion Ratio Lower Upper
252 100
253 27.8 22.9 34.3
125 28.9 21.0 31.4

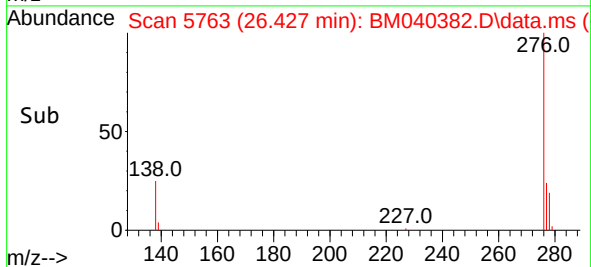
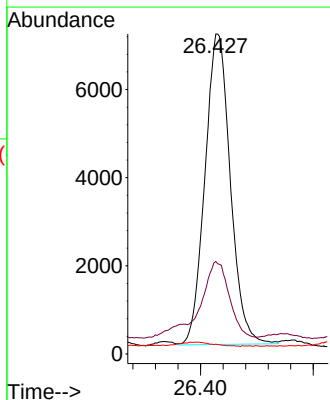
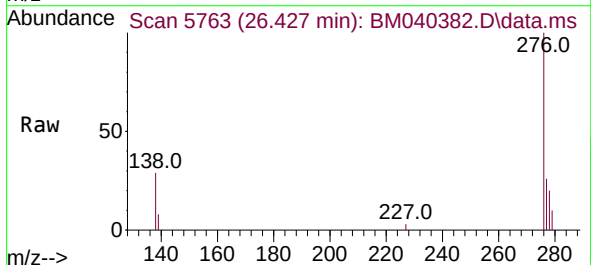
Manual Integrations
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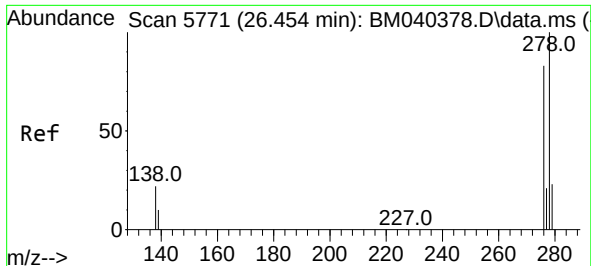
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

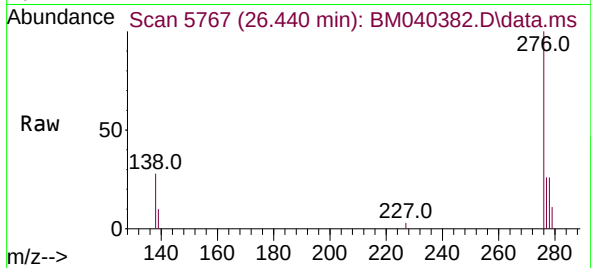
Tgt Ion:276 Resp: 22058
Ion Ratio Lower Upper
276 100
138 24.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.440 min Scan# 5771
Delta R.T. -0.014 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

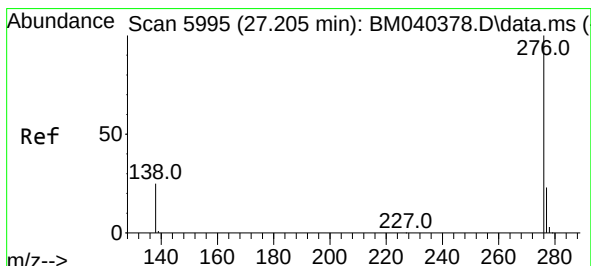
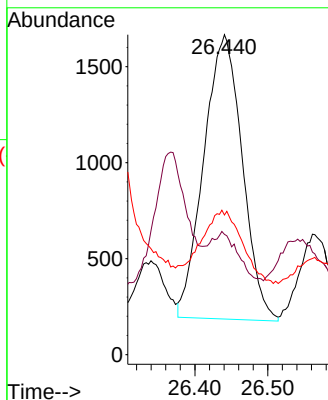
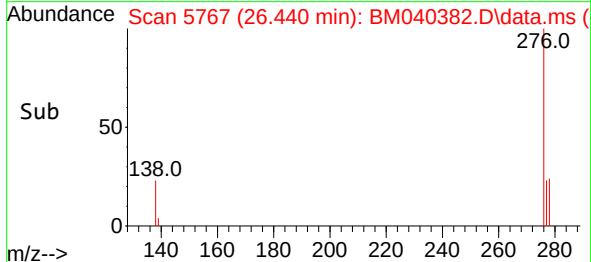
Instrument :
BNA_M
ClientSampleId :
DCFN2DL



Tgt Ion:278 Resp: 5429
Ion Ratio Lower Upper
278 100
139 37.6 17.9 26.9
279 43.7 22.0 33.0

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Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040382.D
Acq: 23 Jun 2023 19:11

Tgt Ion:276 Resp: 21757
Ion Ratio Lower Upper
276 100
138 29.6 23.0 34.6
277 25.3 20.3 30.5

