

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040302.D
 Acq On : 17 Jun 2023 04:16
 Operator : MA/JU
 Sample : 03080-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 04:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	9214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	34417	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	18461	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	32773	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	20080	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	19903	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	53533	4.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	13775	0.315	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	20995	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	43545	0.534	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	26773	0.528	ng/ul	100
8) 1-Methylnaphthalene	12.653	142	20317	0.383	ng/ul	99
10) Acenaphthylene	14.327	152	44818	0.694	ng/ul	99
11) Acenaphthene	14.669	153	5311	0.096	ng/ul	97
12) Fluorene	15.650	166	5313	0.086	ng/ul#	86
15) Phenanthrene	17.391	178	153877	1.786	ng/ul	99
16) Anthracene	17.480	178	24980	0.342	ng/ul	97
19) Fluoranthene	19.403	202	366961	5.365	ng/ul	100
20) Pyrene	19.765	202	316781	4.458	ng/ul	98
21) Benzo(a)anthracene	21.509	228	158456	2.673	ng/ul	96
22) Chrysene	21.561	228	195923	3.129	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	304156	4.145	ng/ul	94
25) Benzo(k)fluoranthene	23.257	252	108069m	1.564	ng/ul	
26) Benzo(a)pyrene	23.841	252	180055	2.991	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.464	276	165319	2.169	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.477	278	41879	0.685	ng/ul#	92
29) Benzo(g,h,i)perylene	27.242	276	161874	2.543	ng/ul	100

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

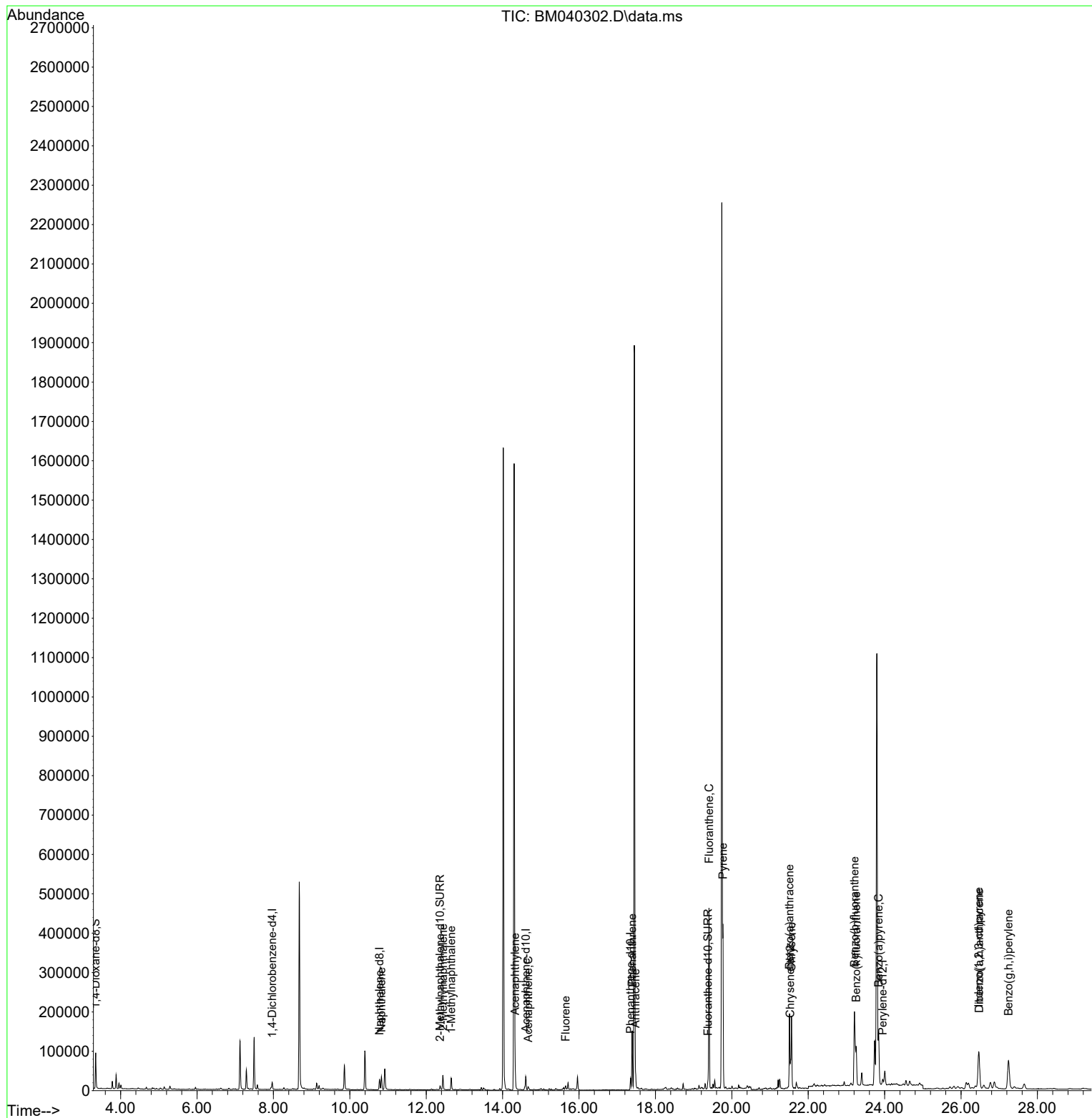
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040302.D
Acq On : 17 Jun 2023 04:16
Operator : MA/JU
Sample : 03080-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

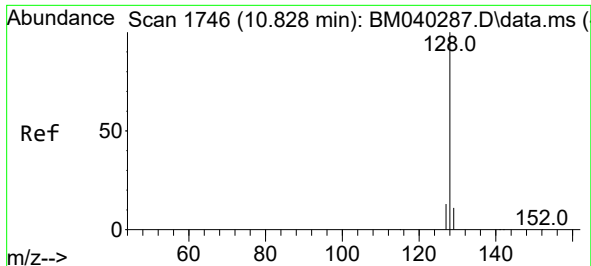
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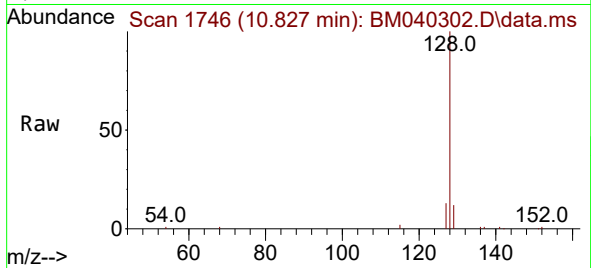
Quant Time: Jun 17 04:55:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.534 ng/ul
RT: 10.827 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

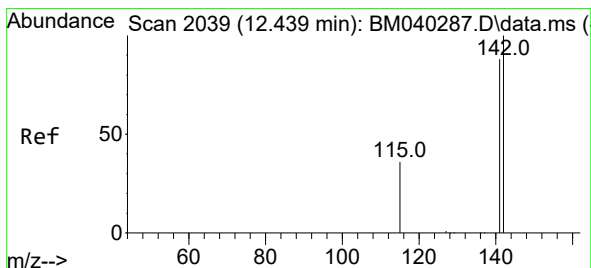
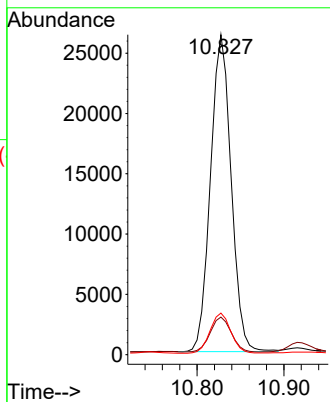
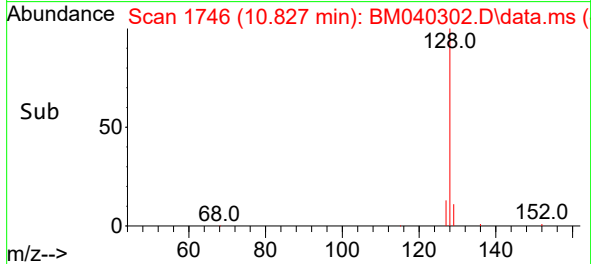
Instrument :
BNA_M
ClientSampleId :
DCFJ8



Tgt Ion:128 Resp: 43549
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.0 10.4 15.6

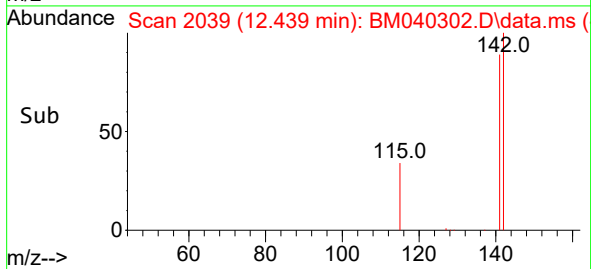
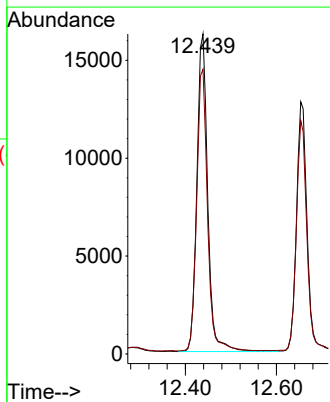
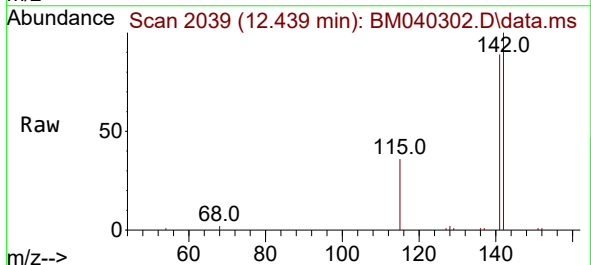
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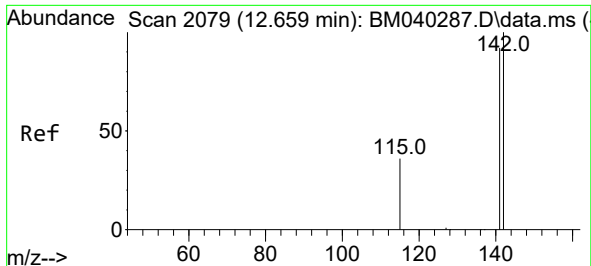
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.528 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

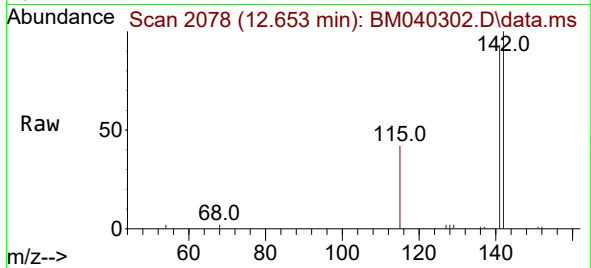
Tgt Ion:142 Resp: 26773
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.653 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

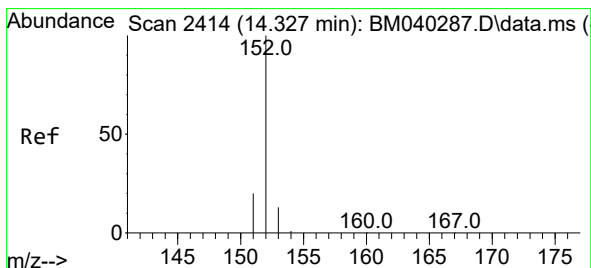
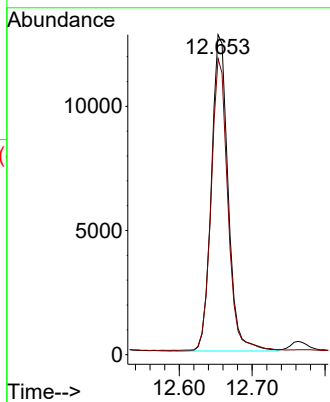
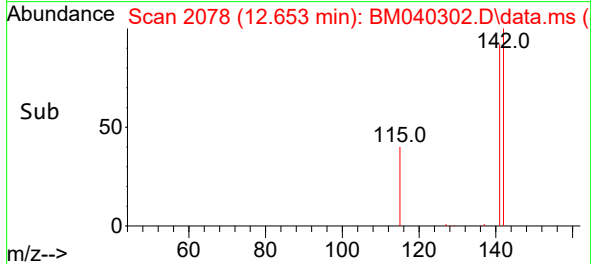
Instrument :
BNA_M
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Tgt Ion:142 Resp: 2031
Ion Ratio Lower Upper
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141 92.1 73.0 109.4

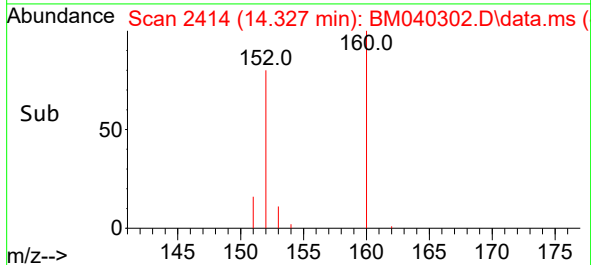
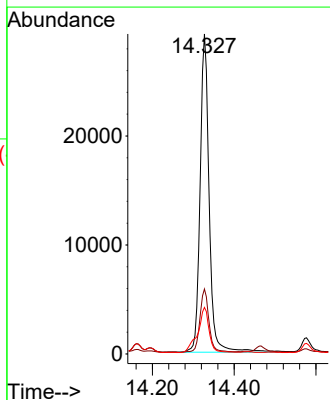
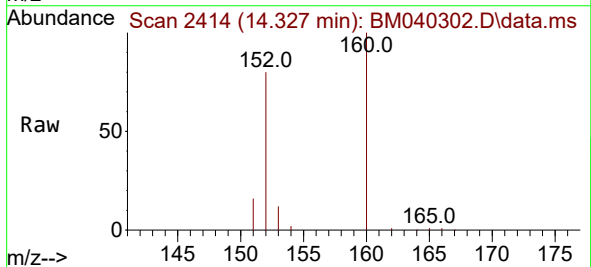
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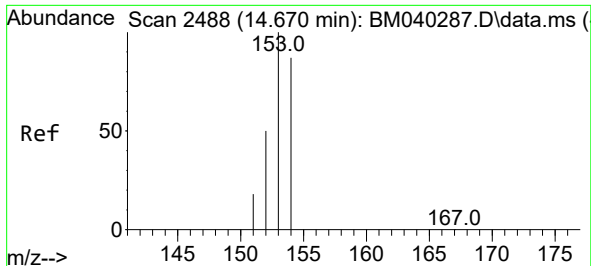
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 0.694 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

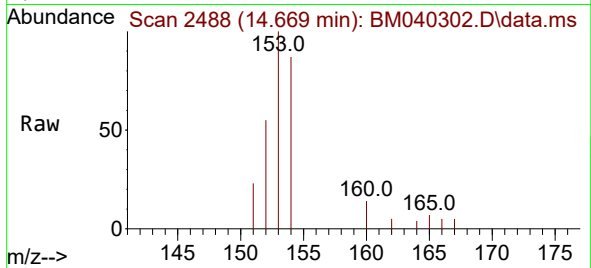
Tgt Ion:152 Resp: 44818
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.6 10.7 16.1





#11
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.669 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

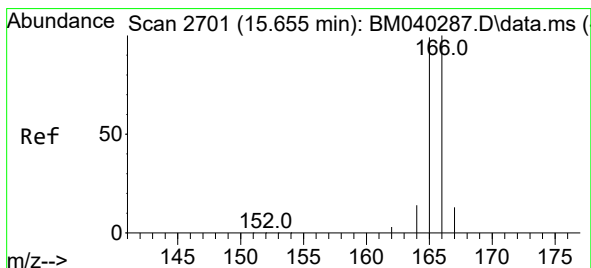
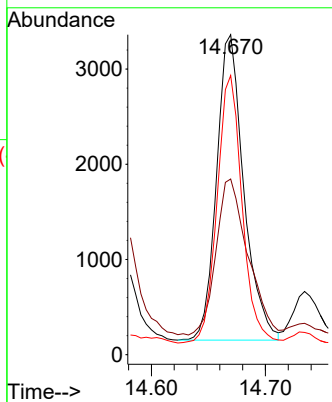
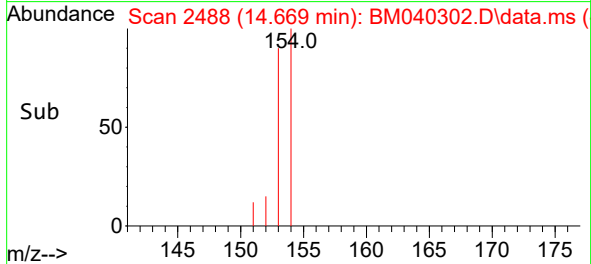
Instrument :
BNA_M
ClientSampleId :
DCFJ8



Tgt Ion:153 Resp: 531
Ion Ratio Lower Upper
153 100
152 54.9 40.3 60.5
154 87.2 70.5 105.7

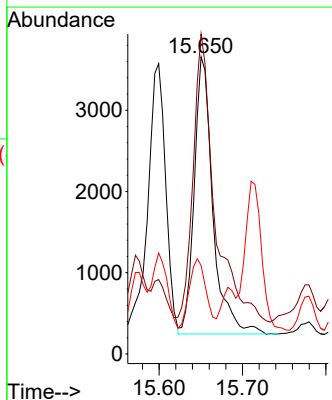
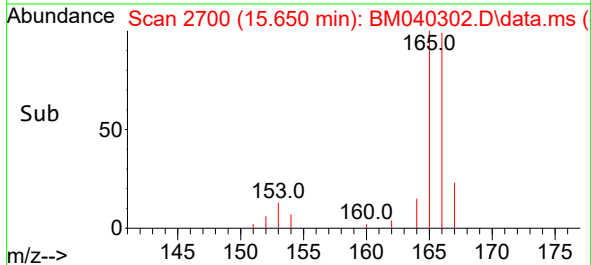
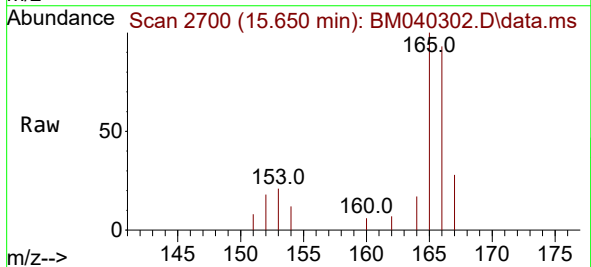
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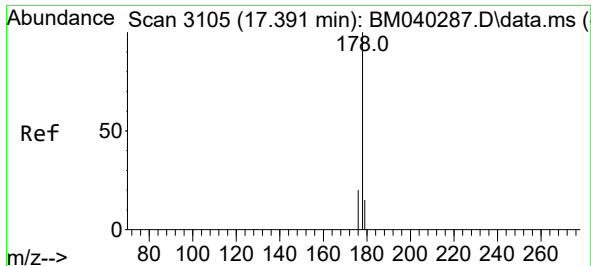
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

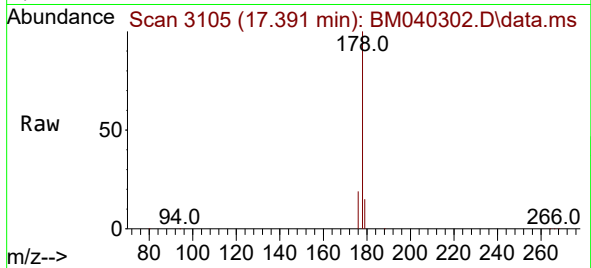
Tgt Ion:166 Resp: 5313
Ion Ratio Lower Upper
166 100
165 107.7 78.2 117.4
167 29.8 11.0 16.4#





#15
Phenanthrene
Concen: 1.786 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

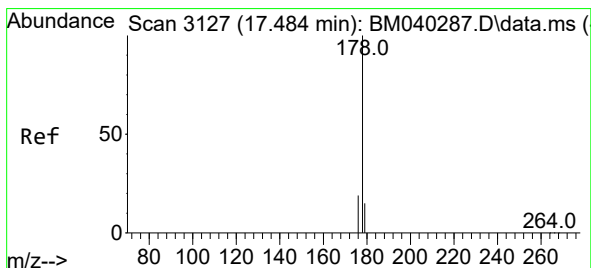
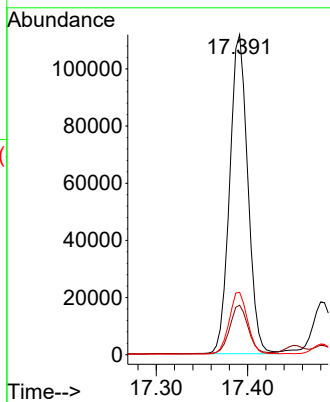
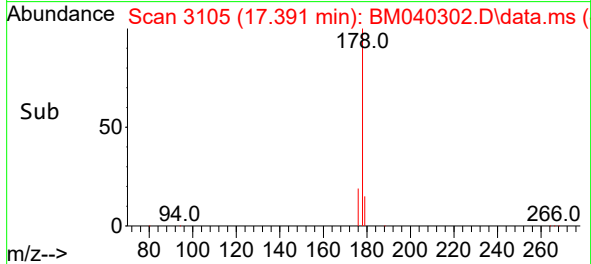
Instrument :
BNA_M
ClientSampleId :
DCFJ8



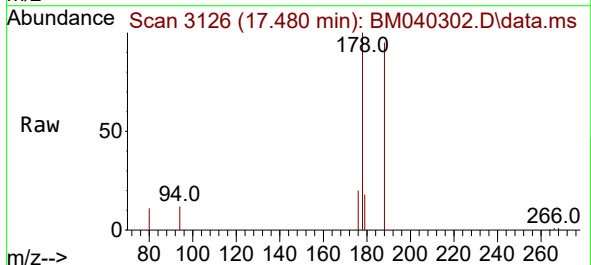
Tgt Ion:178 Resp: 15387
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 16.1 24.1

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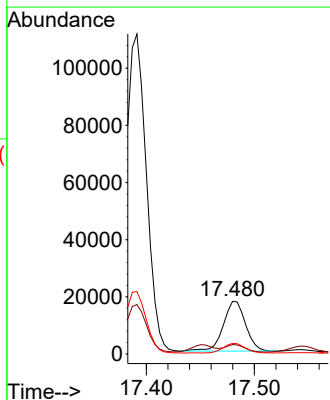
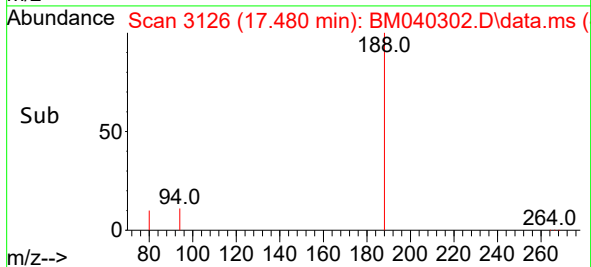
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

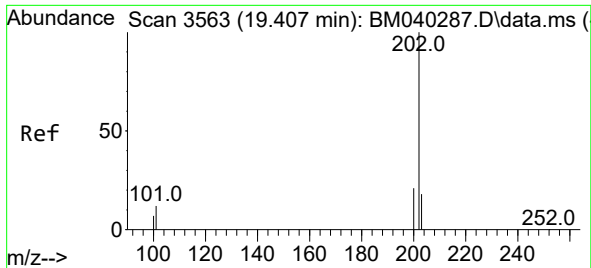


#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.480 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16



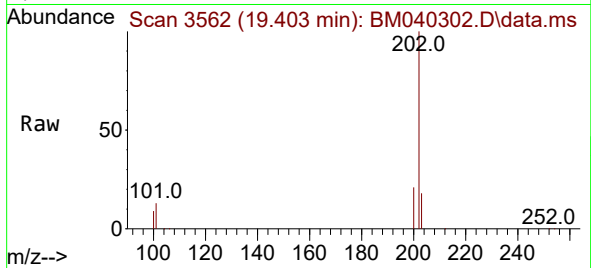
Tgt Ion:178 Resp: 24980
Ion Ratio Lower Upper
178 100
179 17.9 13.0 19.4
176 20.0 15.5 23.3





#19
Fluoranthene
Concen: 5.365 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

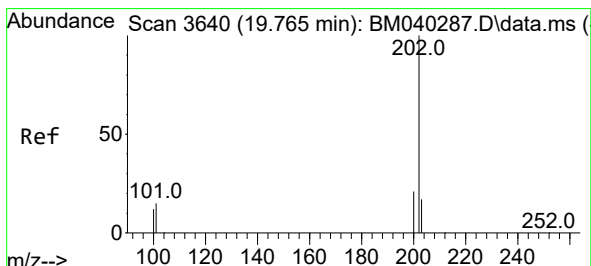
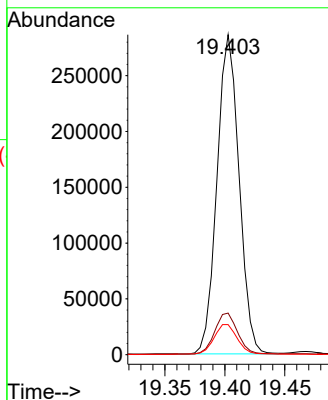
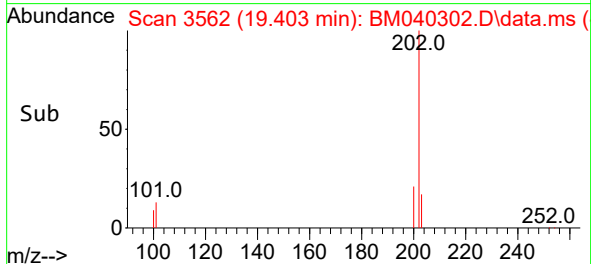
Instrument :
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ClientSampleId :
DCFJ8



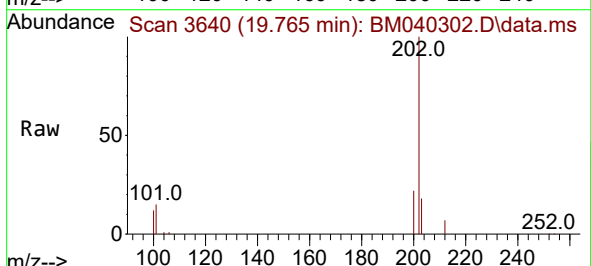
Tgt Ion:202 Resp: 36696
Ion Ratio Lower Upper
202 100
101 13.0 10.2 15.4
100 9.4 7.6 11.4

Manual Integrations
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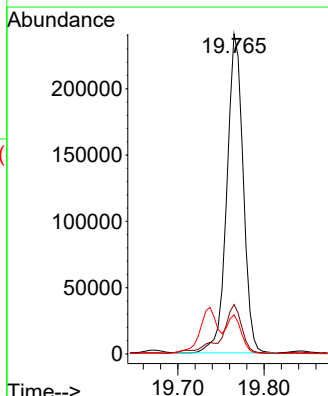
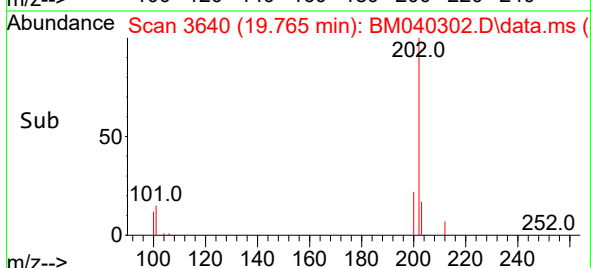
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

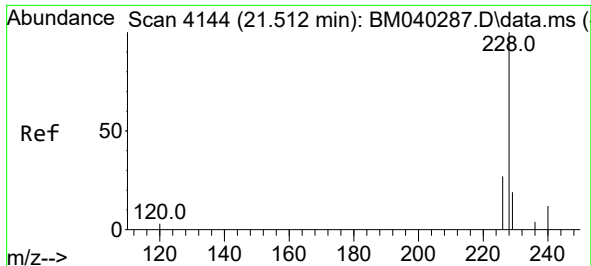


#20
Pyrene
Concen: 4.458 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16



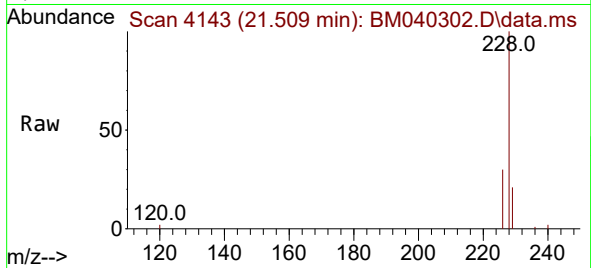
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Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.2 9.3 13.9





#21
Benzo(a)anthracene
Concen: 2.673 ng/ul
RT: 21.509 min Scan# 4144
Delta R.T. -0.006 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

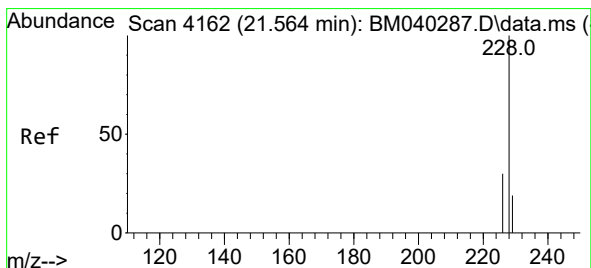
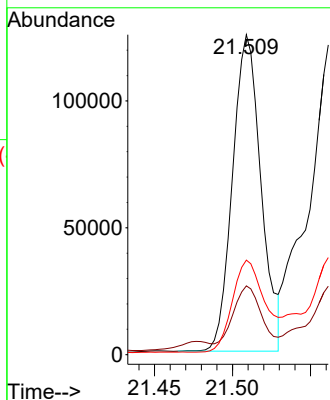
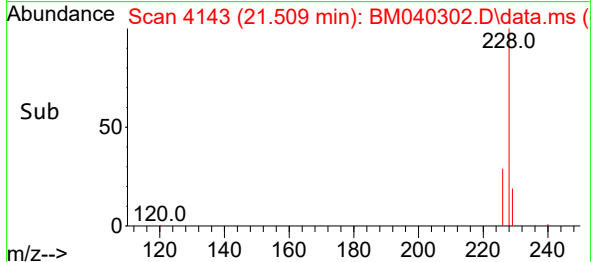
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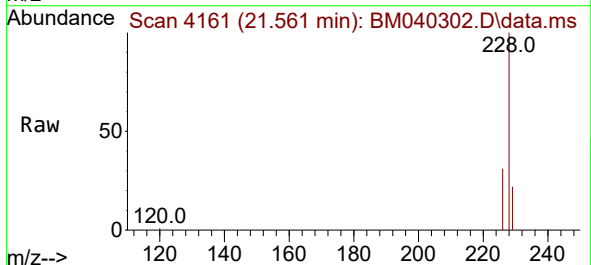
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229 21.5 15.8 23.8
226 29.5 22.0 33.0

Manual Integrations
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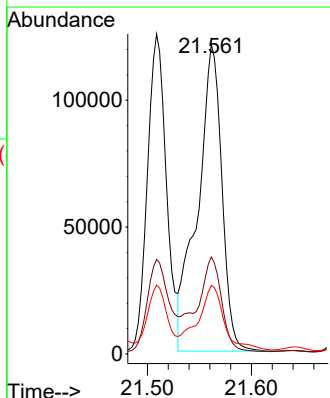
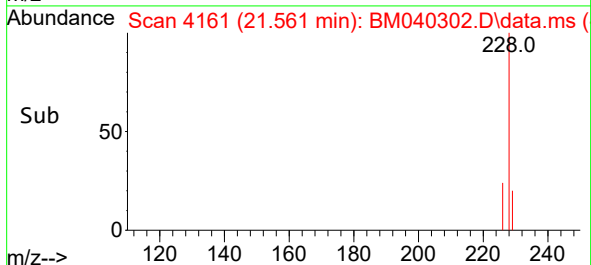
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

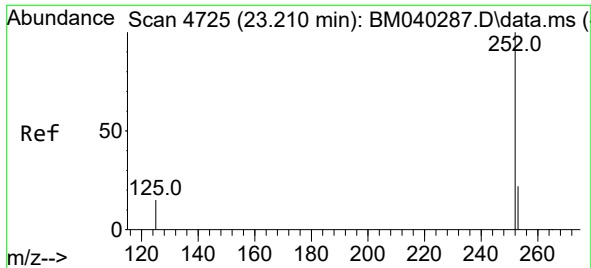


#22
Chrysene
Concen: 3.129 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16



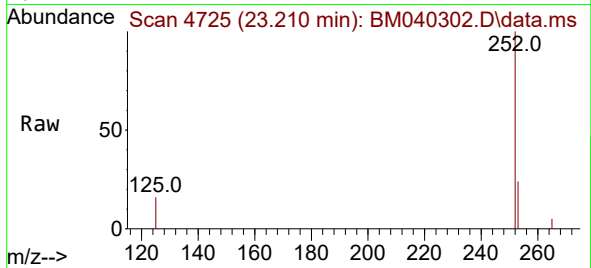
Tgt Ion:228 Resp: 195923
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.145 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

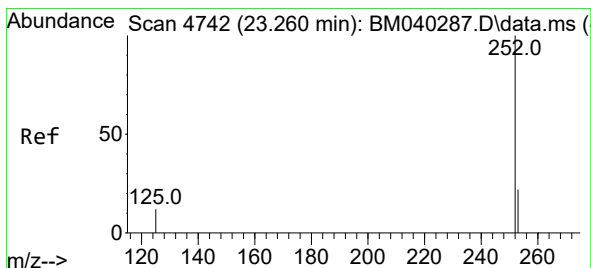
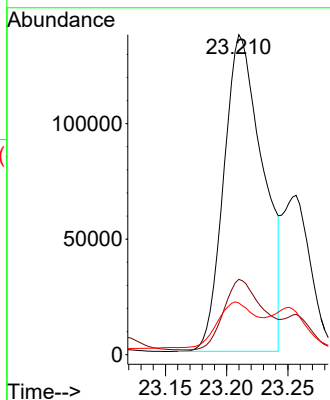
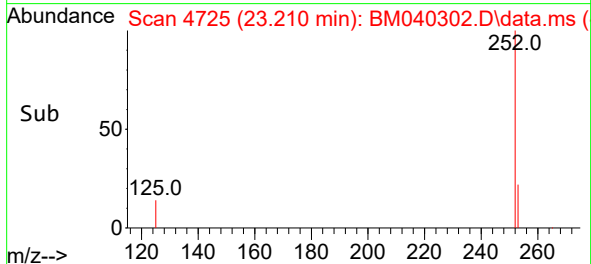
Instrument :
BNA_M
ClientSampleId :
DCFJ8



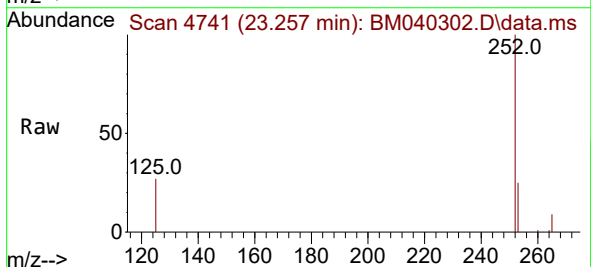
Tgt Ion:252 Resp: 304156
Ion Ratio Lower Upper
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253 23.6 0.0 52.4
125 16.2 0.0 38.4

Manual Integrations
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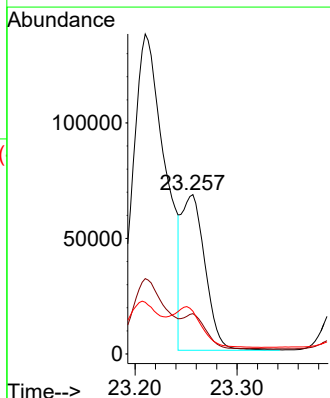
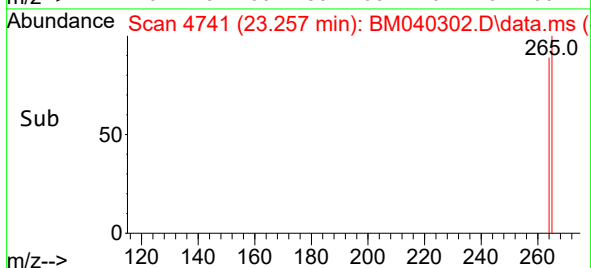
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

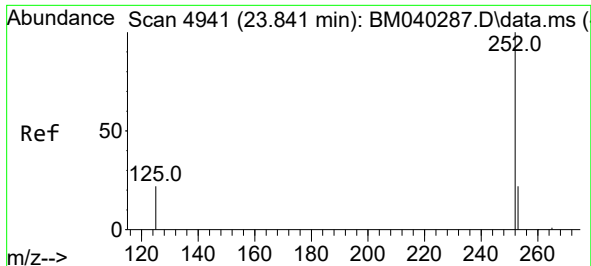


#25
Benzo(k)fluoranthene
Concen: 1.564 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16



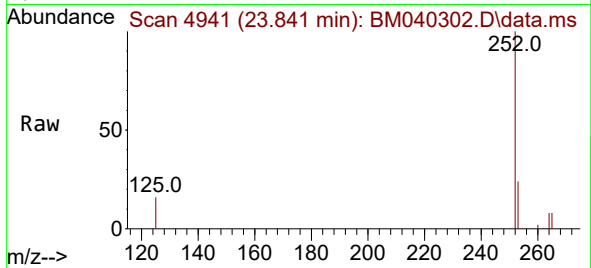
Tgt Ion:252 Resp: 108069
Ion Ratio Lower Upper
252 100
253 25.3 21.5 32.3
125 26.9 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 2.991 ng/ul
RT: 23.841 min Scan# 4941
Delta R.T. -0.009 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

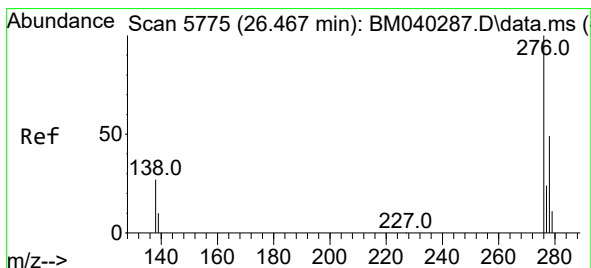
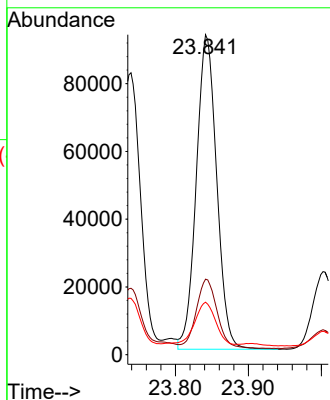
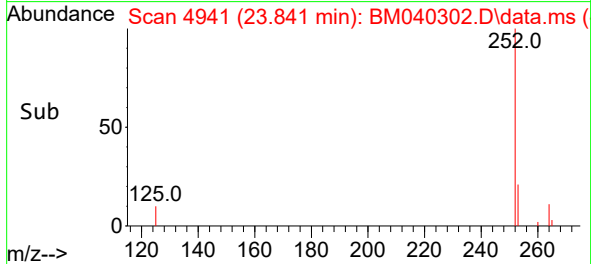
Instrument :
BNA_M
ClientSampleId :
DCFJ8



Tgt Ion:252 Resp: 18005
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 16.4 19.7 29.5

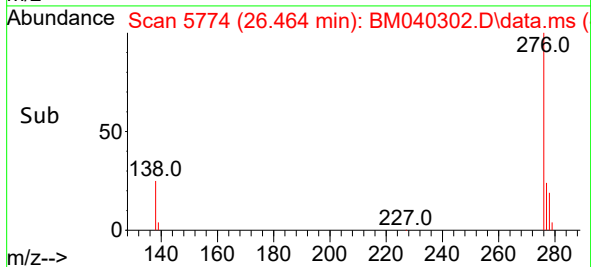
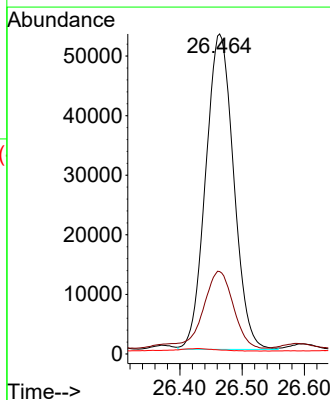
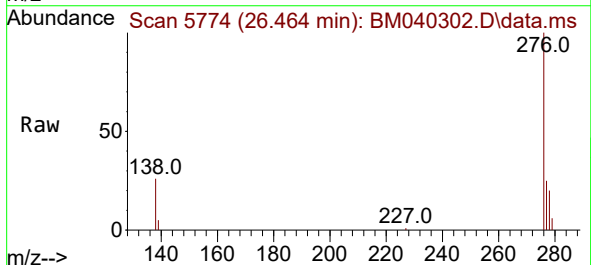
Manual Integrations
APPROVED

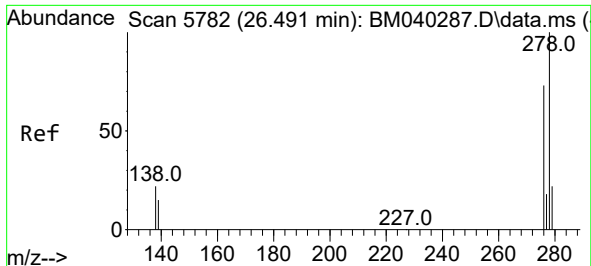
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.169 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.014 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

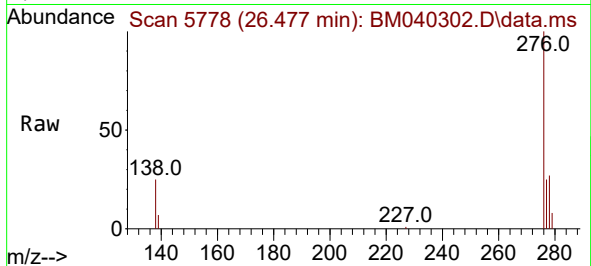
Tgt Ion:276 Resp: 165319
Ion Ratio Lower Upper
276 100
138 26.9 23.3 34.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.685 ng/ul
RT: 26.477 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

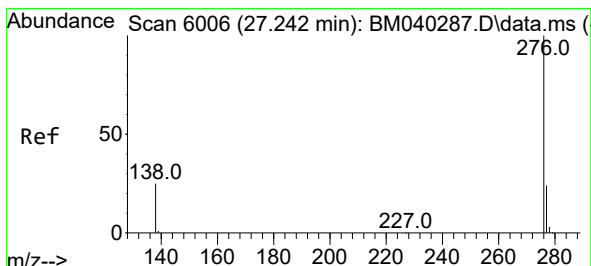
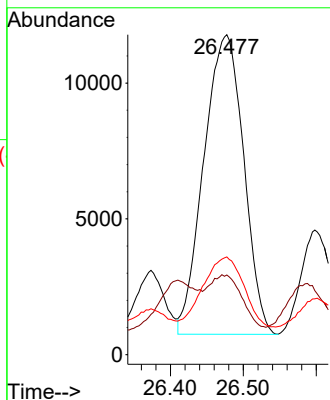
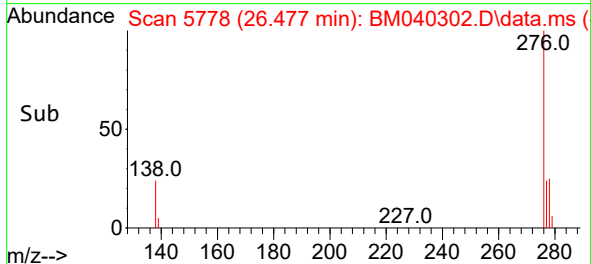
Instrument :
BNA_M
ClientSampleId :
DCFJ8



Tgt Ion:278 Resp: 41879
Ion Ratio Lower Upper
278 100
139 24.9 16.4 24.6
279 30.6 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#29
Benzo(g,h,i)perylene
Concen: 2.543 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.014 min
Lab File: BM040302.D
Acq: 17 Jun 2023 04:16

Tgt Ion:276 Resp: 161874
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.4
277 24.3 19.6 29.4

