

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040437.D
 Acq On : 29 Jun 2023 14:50
 Operator : MA/JU
 Sample : 03143-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFV2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:05:47 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	7.944	152	6057	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	20758	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.586	164	8780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	15722	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11204	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	15265	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	27722	2.914	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	5434	0.187	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	6981	0.194	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.805	128	8841	0.154	ng/ul#	92
7) 2-Methylnaphthalene	12.417	142	6105	0.182	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	3583	0.107	ng/ul	98
10) Acenaphthylene	14.304	152	79197	2.019	ng/ul	100
11) Acenaphthene	14.646	153	2191	0.066	ng/ul	94
12) Fluorene	15.636	166	3100	0.088	ng/ul#	93
15) Phenanthrene	17.370	178	39458	0.808	ng/ul	100
16) Anthracene	17.463	178	61185	1.491	ng/ul	99
19) Fluoranthene	19.389	202	282537	5.937	ng/ul	95
20) Pyrene	19.751	202	282980	5.546	ng/ul	96
21) Benzo(a)anthracene	21.494	228	190332	5.022	ng/ul	98
22) Chrysene	21.547	228	210606	4.872	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	447086	7.568	ng/ul	89
25) Benzo(k)fluoranthene	23.236	252	153609m	2.638	ng/ul	
26) Benzo(a)pyrene	23.821	252	232436	4.368	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.437	276	223568	3.017	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.447	278	57817	0.996	ng/ul	99
29) Benzo(g,h,i)perylene	27.215	276	183178	2.820	ng/ul	95

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

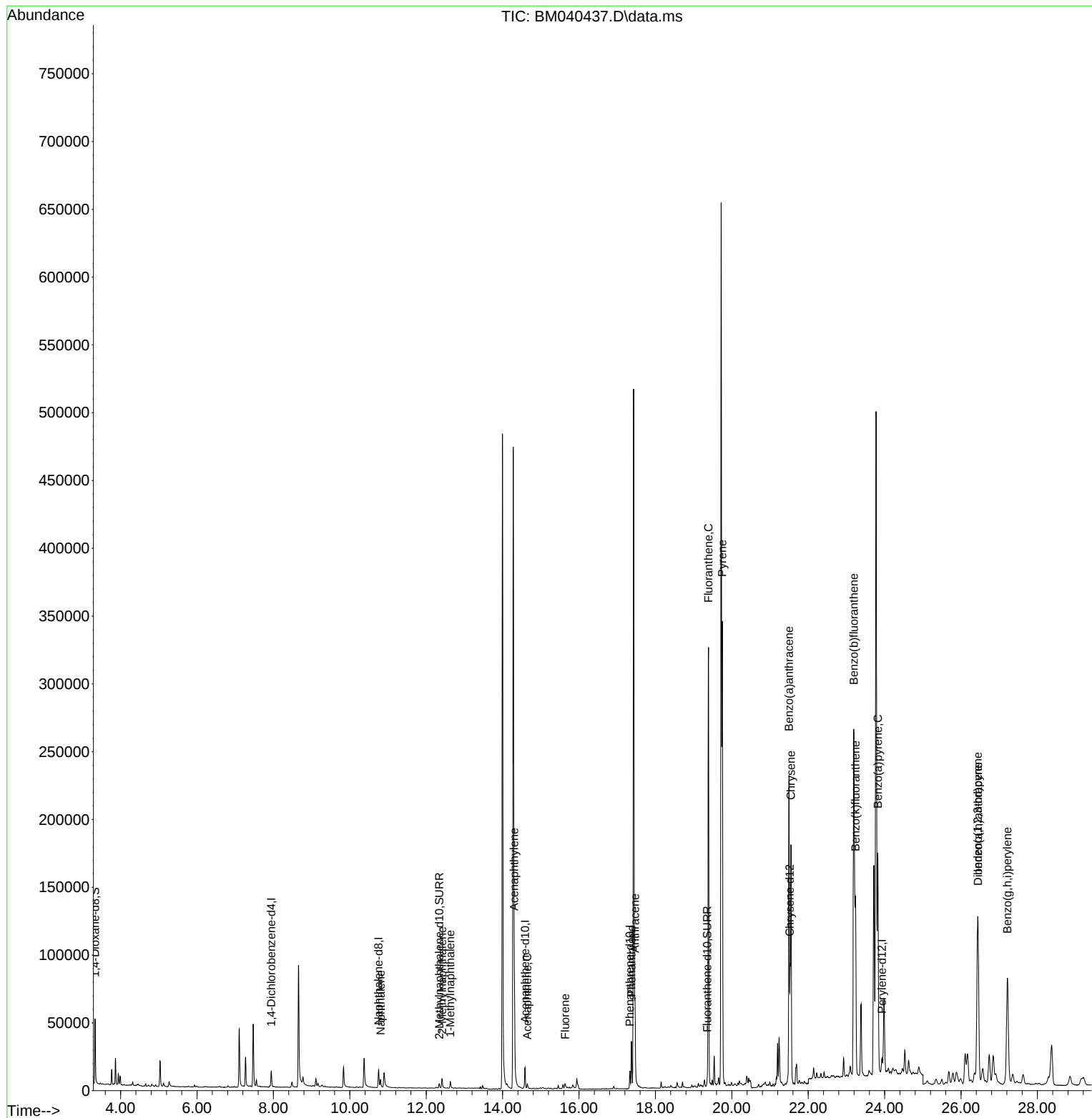
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040437.D
Acq On : 29 Jun 2023 14:50
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ALS Vial : 12 Sample Multiplier: 1

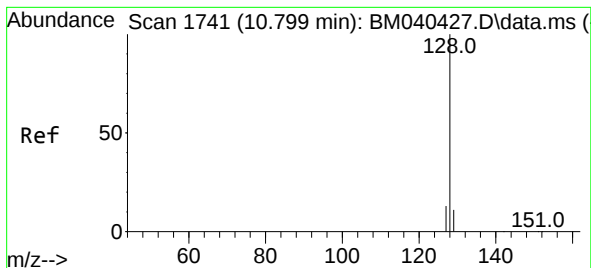
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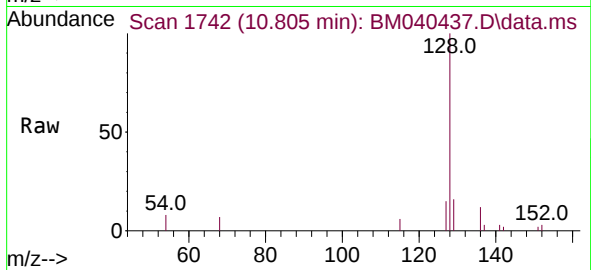
Quant Time: Jun 30 03:05:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.154 ng/ul
RT: 10.805 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

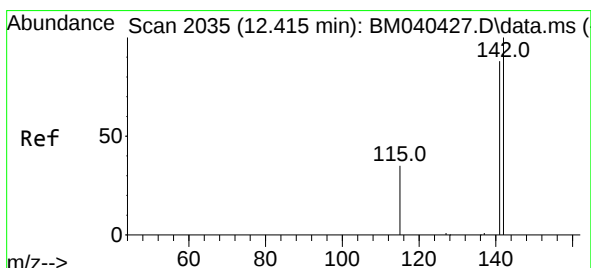
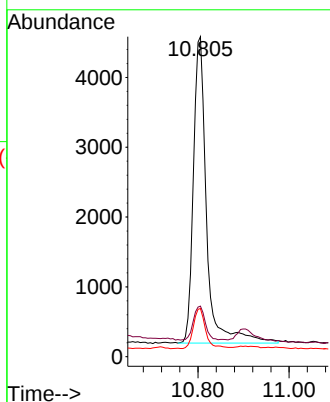
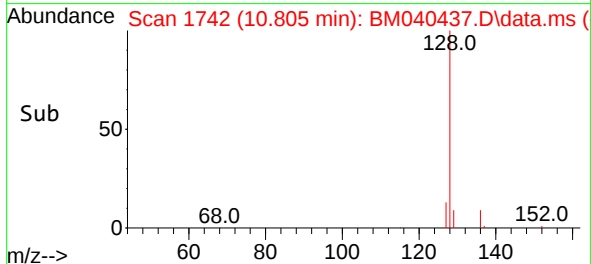
Instrument :
BNA_M
ClientSampleId :
DCFV2



Tgt Ion:128 Resp: 884
Ion Ratio Lower Upper
128 100
129 15.8 9.2 13.8
127 15.0 10.6 15.8

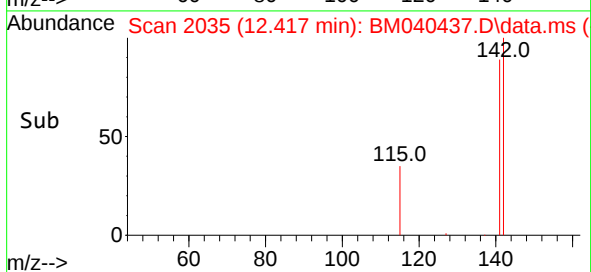
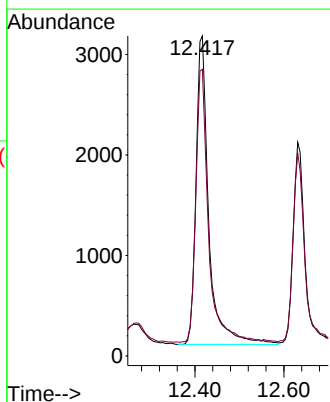
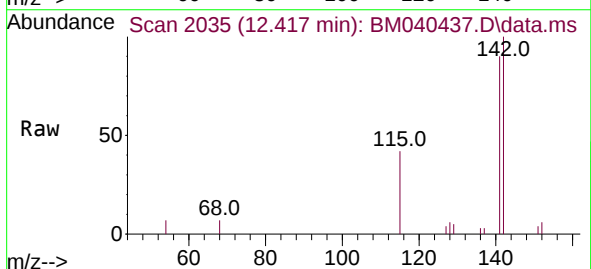
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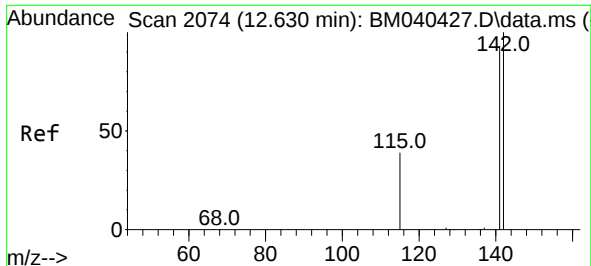
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

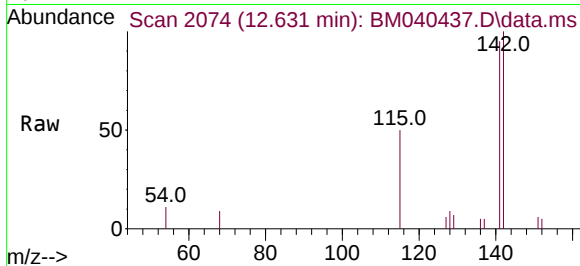
Tgt Ion:142 Resp: 6105
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

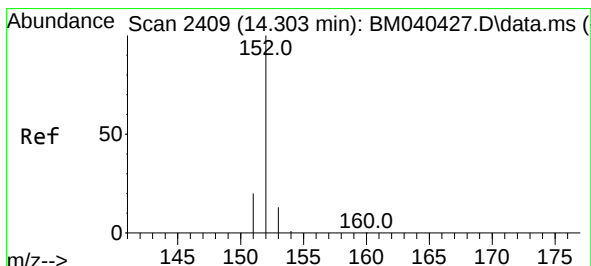
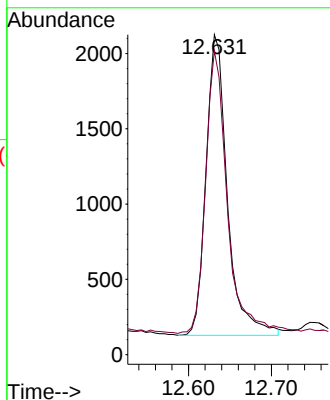
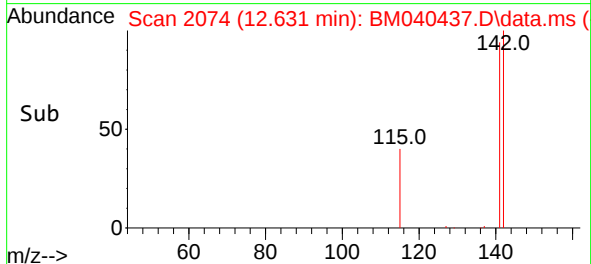
Instrument :
BNA_M
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Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
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141 94.3 73.7 110.5

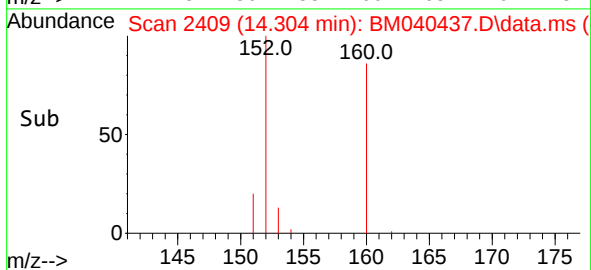
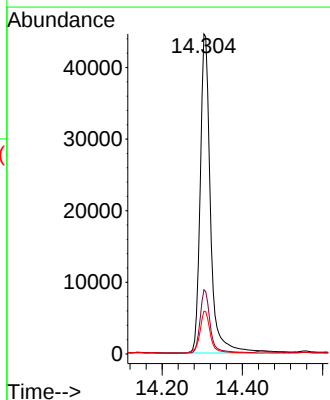
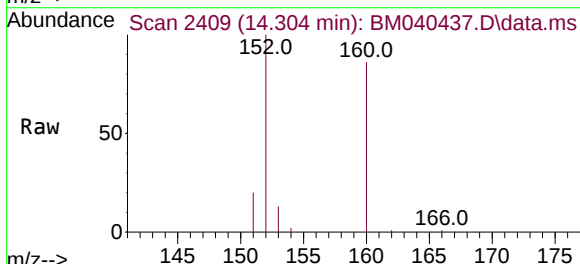
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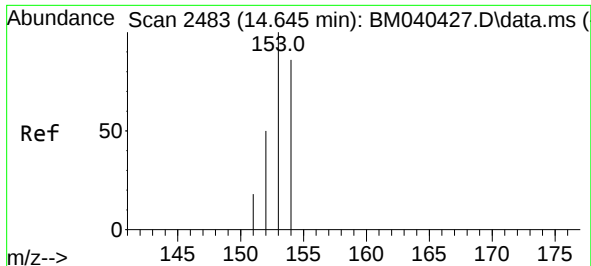
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 2.019 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

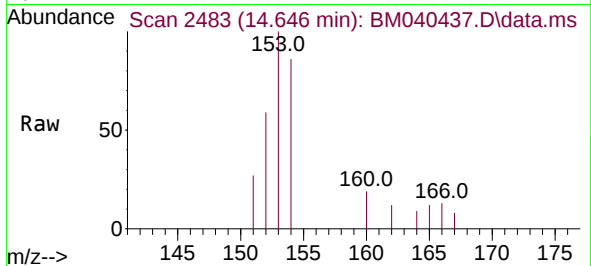
Tgt Ion:152 Resp: 79197
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

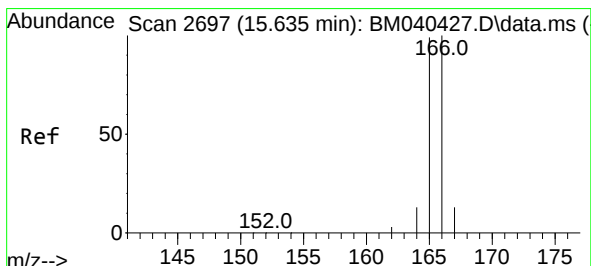
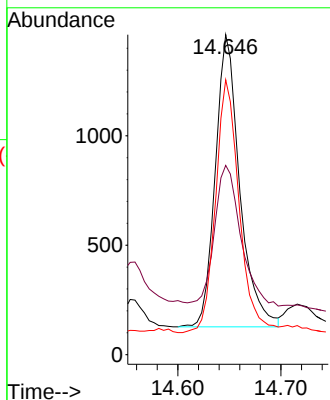
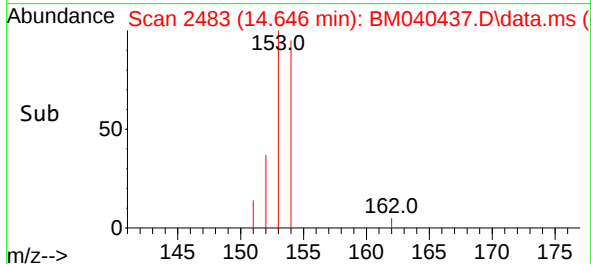
Instrument :
BNA_M
ClientSampleId :
DCFV2



Tgt Ion:153 Resp: 219
Ion Ratio Lower Upper
153 100
152 59.2 41.0 61.4
154 85.9 70.8 106.2

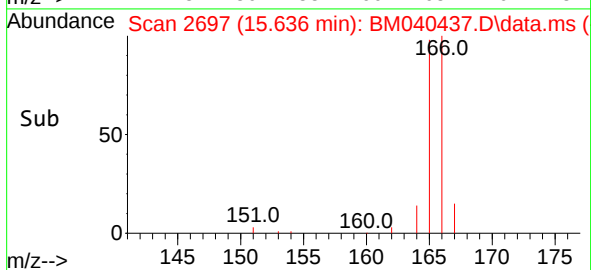
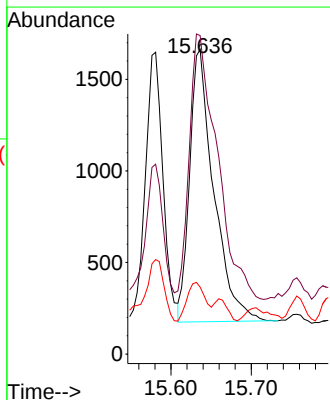
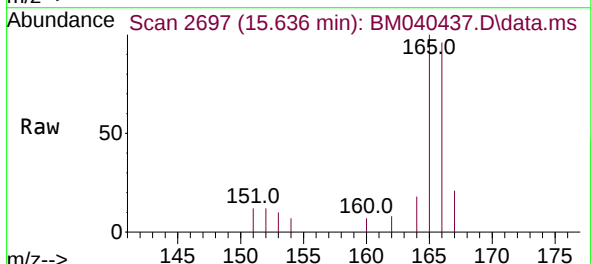
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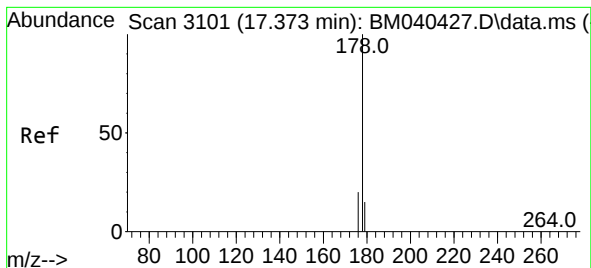
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.088 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

Tgt Ion:166 Resp: 3100
Ion Ratio Lower Upper
166 100
165 104.6 79.6 119.4
167 22.0 11.4 17.0#





#15

Phenanthrene

Concen: 0.808 ng/ul

RT: 17.370 min Scan# 3101

Delta R.T. -0.009 min

Lab File: BM040437.D

Acq: 29 Jun 2023 14:50

Instrument :

BNA_M

ClientSampleId :

DCFV2

Tgt Ion:178 Resp: 3945

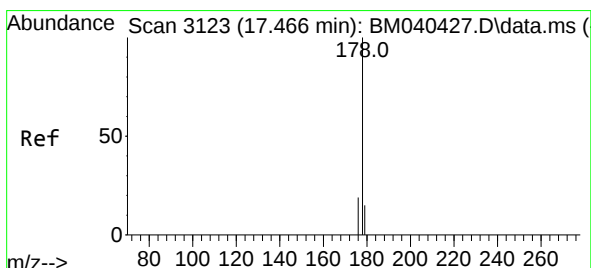
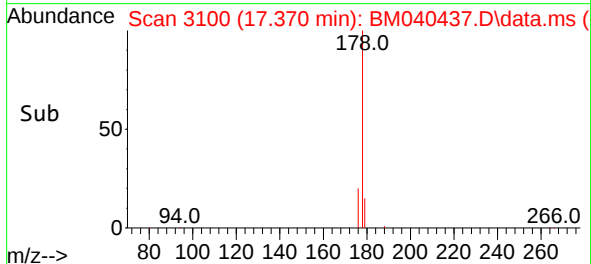
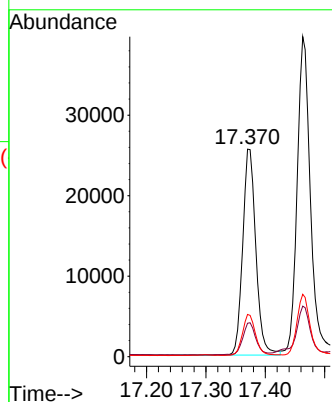
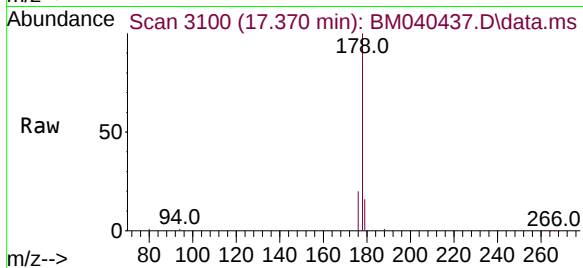
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	20.4	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#16

Anthracene

Concen: 1.491 ng/ul

RT: 17.463 min Scan# 3122

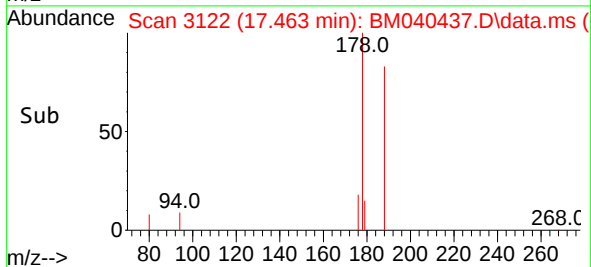
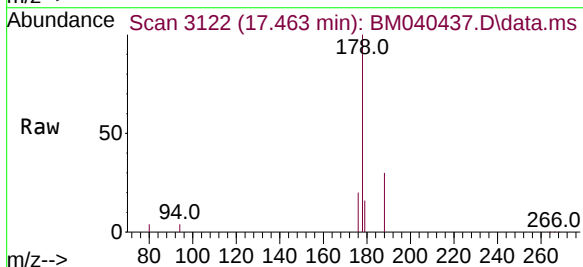
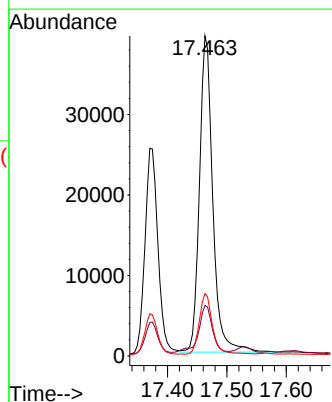
Delta R.T. -0.009 min

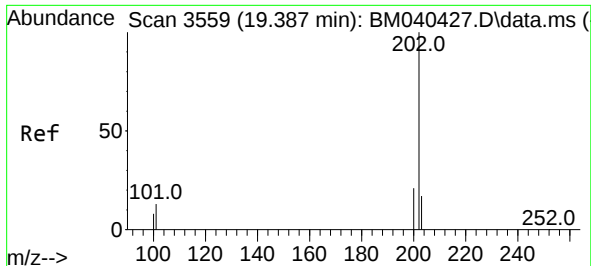
Lab File: BM040437.D

Acq: 29 Jun 2023 14:50

Tgt Ion:178 Resp: 61185

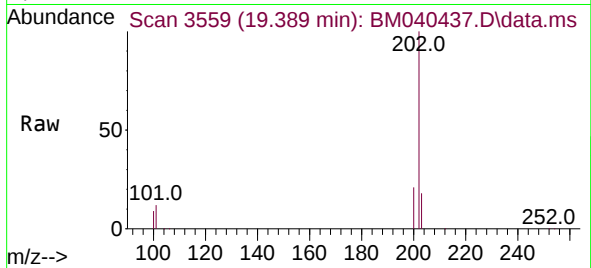
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.5	15.8	23.6





#19
Fluoranthene
Concen: 5.937 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

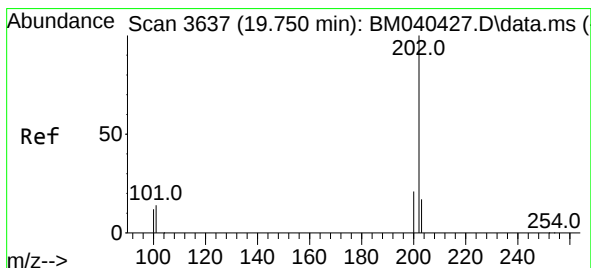
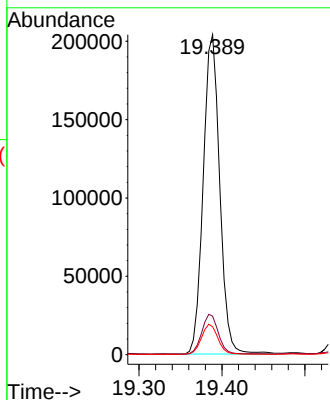
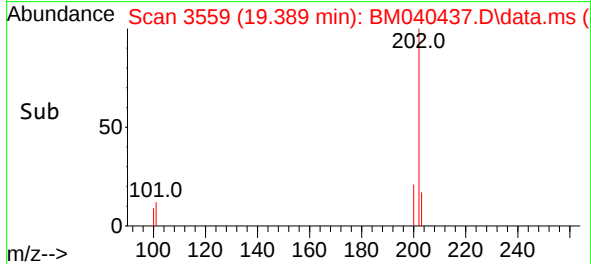
Instrument :
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DCFV2



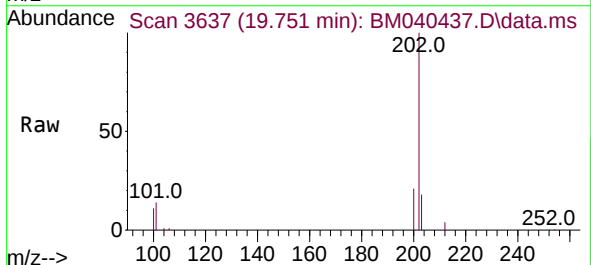
Tgt Ion:202 Resp: 282537
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 8.8 8.7 13.1

Manual Integrations
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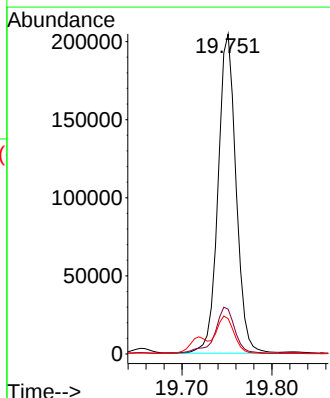
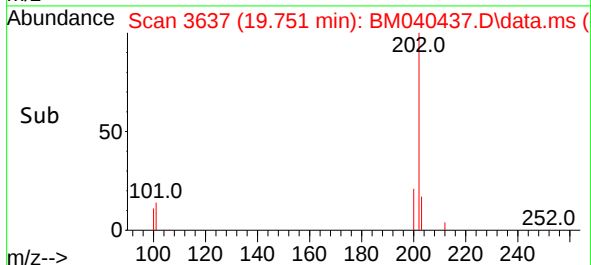
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

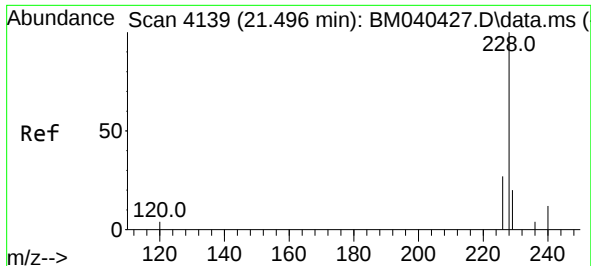


#20
Pyrene
Concen: 5.546 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50



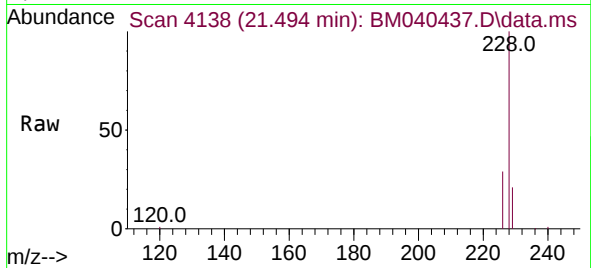
Tgt Ion:202 Resp: 282980
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.022 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

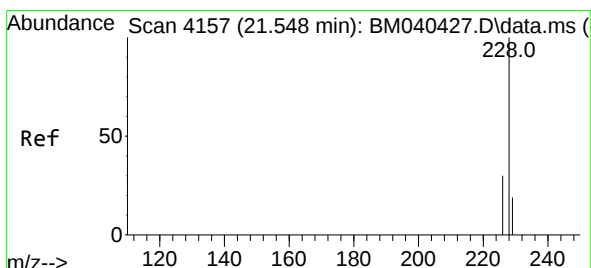
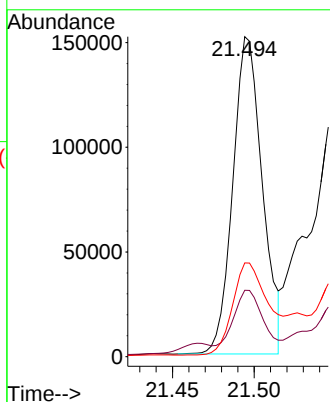
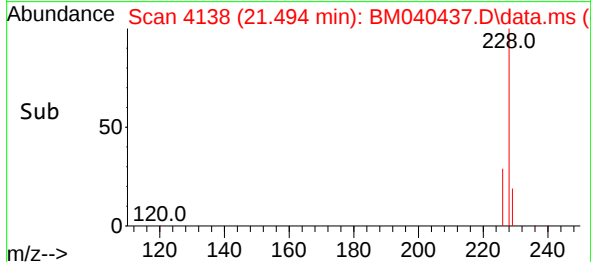
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BNA_M
ClientSampleId :
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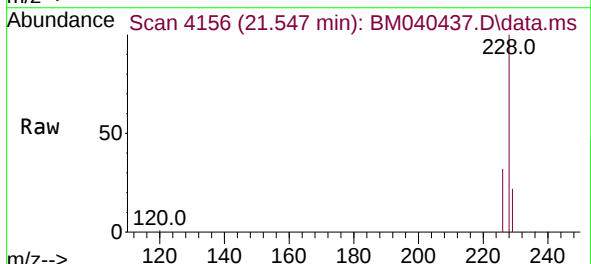
Tgt Ion:228 Resp: 190332
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.3 22.3 33.5

Manual Integrations
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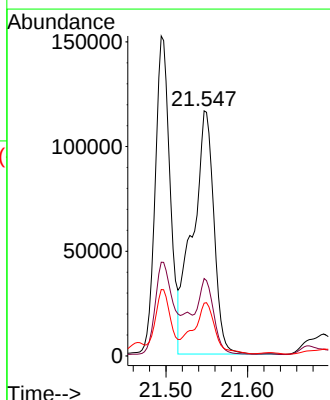
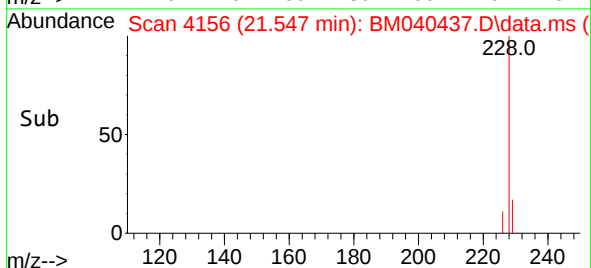
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

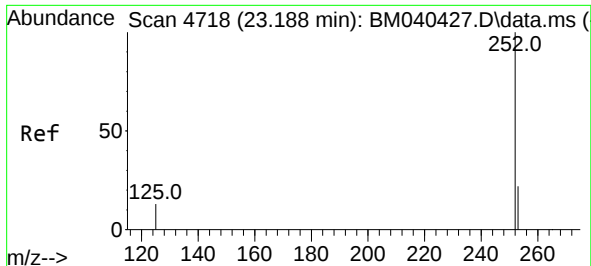


#22
Chrysene
Concen: 4.872 ng/u1
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50



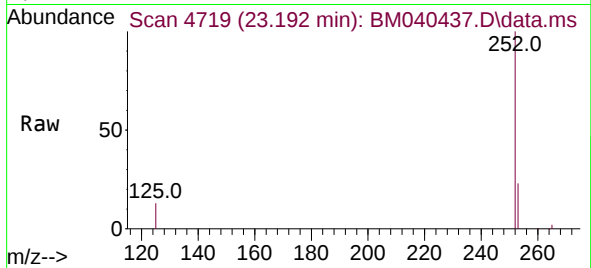
Tgt Ion:228 Resp: 210606
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.568 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

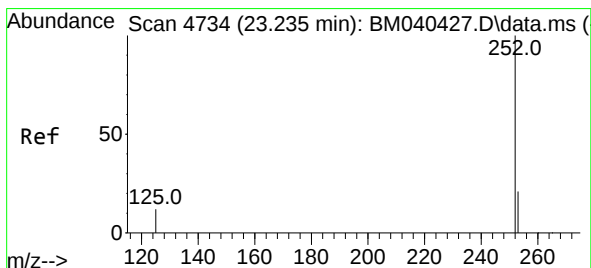
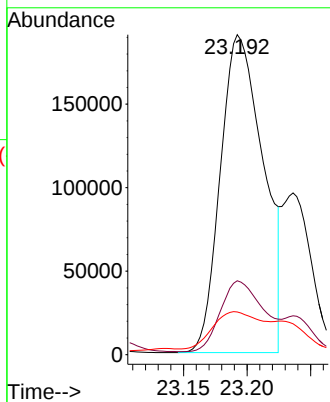
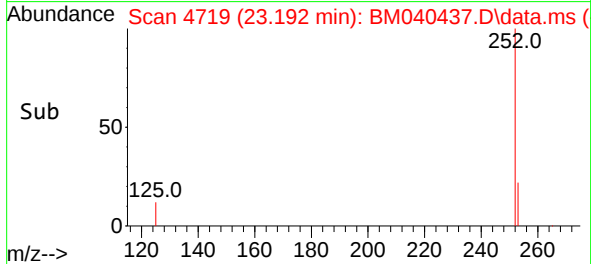
Instrument :
BNA_M
ClientSampleId :
DCFV2



Tgt Ion:252 Resp: 447080
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 13.3 0.0 43.0

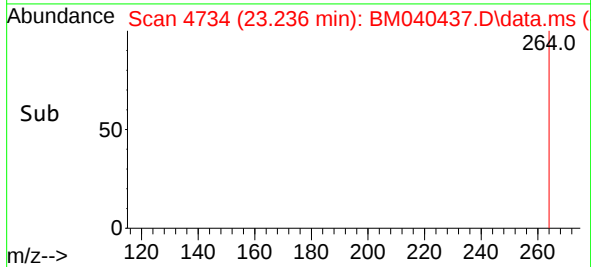
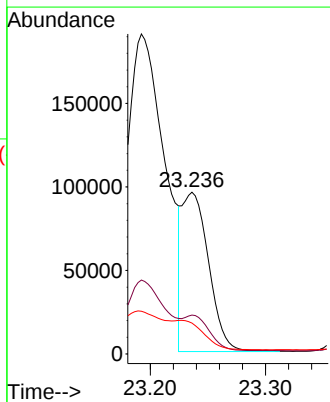
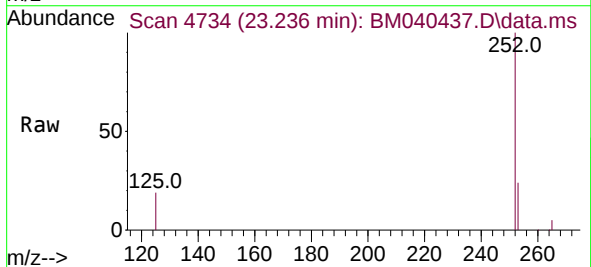
Manual Integrations
APPROVED

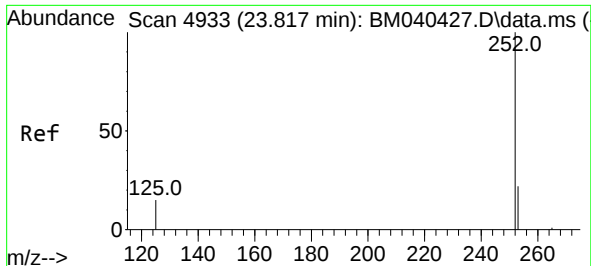
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 2.638 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

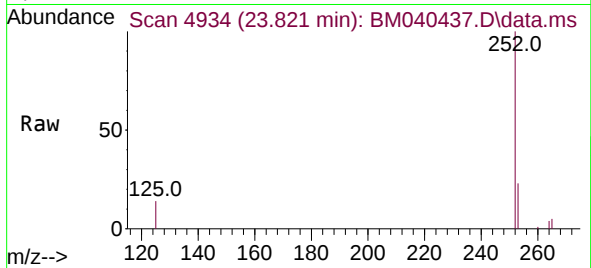
Tgt Ion:252 Resp: 153609
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 19.1 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.368 ng/ul
RT: 23.821 min Scan# 4933
Delta R.T. -0.003 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

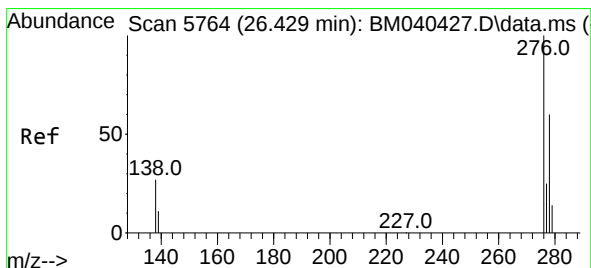
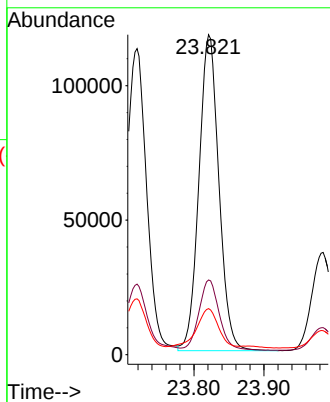
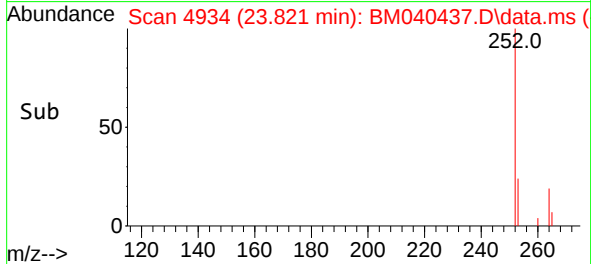
Instrument :
BNA_M
ClientSampleId :
DCFV2



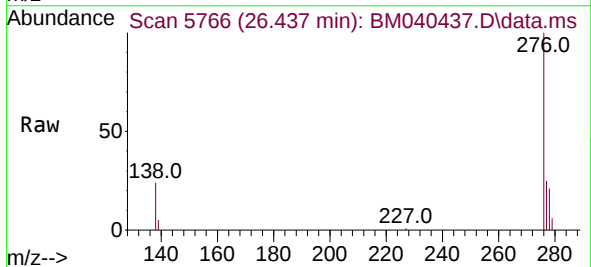
Tgt Ion:252 Resp: 232430
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 14.4 21.0 31.4

Manual Integrations
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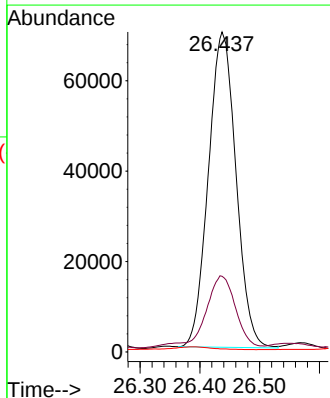
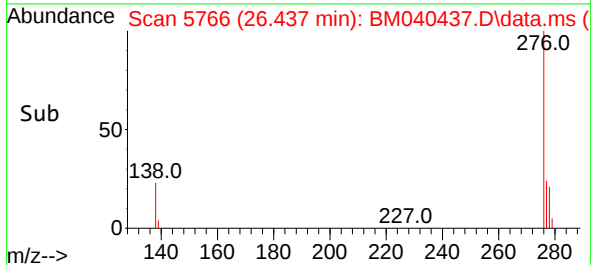
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

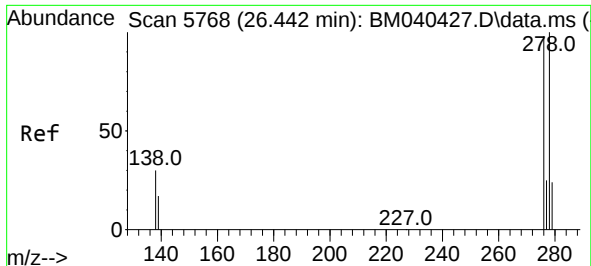


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.017 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.003 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50



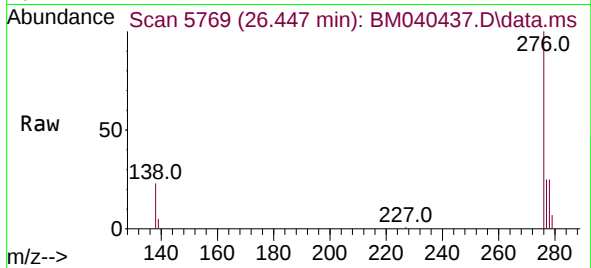
Tgt Ion:276 Resp: 223568
Ion Ratio Lower Upper
276 100
138 25.1 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.996 ng/ul
RT: 26.447 min Scan# 5768
Delta R.T. -0.007 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50

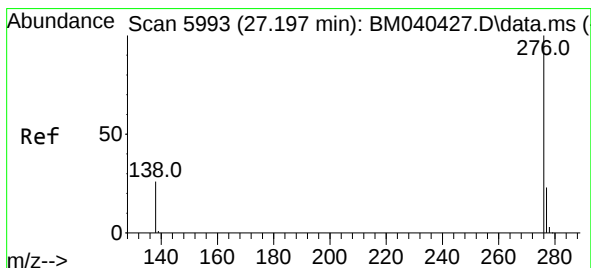
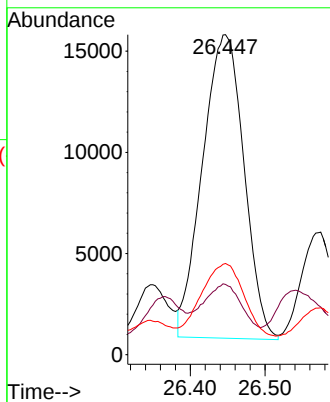
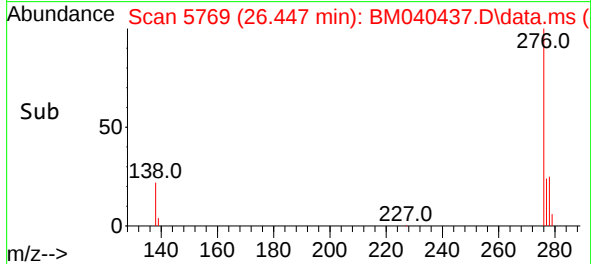
Instrument :
BNA_M
ClientSampleId :
DCFV2



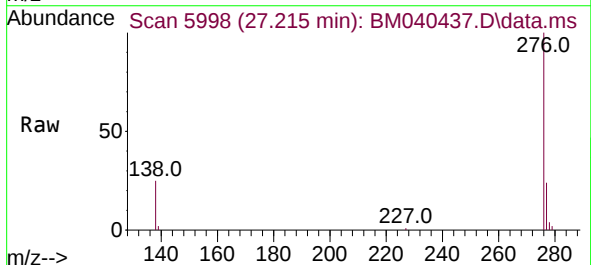
Tgt Ion:278 Resp: 5781
Ion Ratio Lower Upper
278 100
139 21.9 17.9 26.9
279 28.5 22.0 33.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 2.820 ng/ul
RT: 27.215 min Scan# 5998
Delta R.T. 0.010 min
Lab File: BM040437.D
Acq: 29 Jun 2023 14:50



Tgt Ion:276 Resp: 183178
Ion Ratio Lower Upper
276 100
138 24.7 23.0 34.6
277 24.4 20.3 30.5

