

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042117.D
 Acq On : 28 Sep 2023 16:37
 Operator : MA/JU
 Sample : 04480-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK42

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 17:14:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2892	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.751	136	8009	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.587	164	4733	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.337	188	11684	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.512	240	6810	0.400	ng/ul	-0.01
23) Perylene-d12	23.912	264	8113	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	21603	5.482	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.335	152	4619	0.461	ng/ul	-0.02
18) Fluoranthene-d10	19.361	212	10502	0.375	ng/ul	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.397	88	1694	0.409	ng/ul#	9
5) Naphthalene	10.806	128	1548977	57.732	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	1106269	69.169	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	593363	36.543	ng/ul	98
10) Acenaphthylene	14.300	152	11828	0.373	ng/ul#	1
11) Acenaphthene	14.647	153	42686	1.756	ng/ul	94
12) Fluorene	15.633	166	68525	2.502	ng/ul	99
15) Phenanthrene	17.379	178	205701	3.796	ng/ul	99
16) Anthracene	17.472	178	15027	0.321	ng/ul#	83
19) Fluoranthene	19.389	202	7501	0.097	ng/ul#	88
20) Pyrene	19.761	202	25652m	0.339	ng/ul	
21) Benzo(a)anthracene	21.495	228	3832	0.074	ng/ul#	67
22) Chrysene	21.547	228	6070m	0.114	ng/ul	
24) Benzo(b)fluoranthene	23.175	252	1517	0.024	ng/ul#	1
26) Benzo(a)pyrene	23.810	252	1656	0.032	ng/ul#	26
29) Benzo(g,h,i)perylene	27.172	276	1574	0.027	ng/ul#	68

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

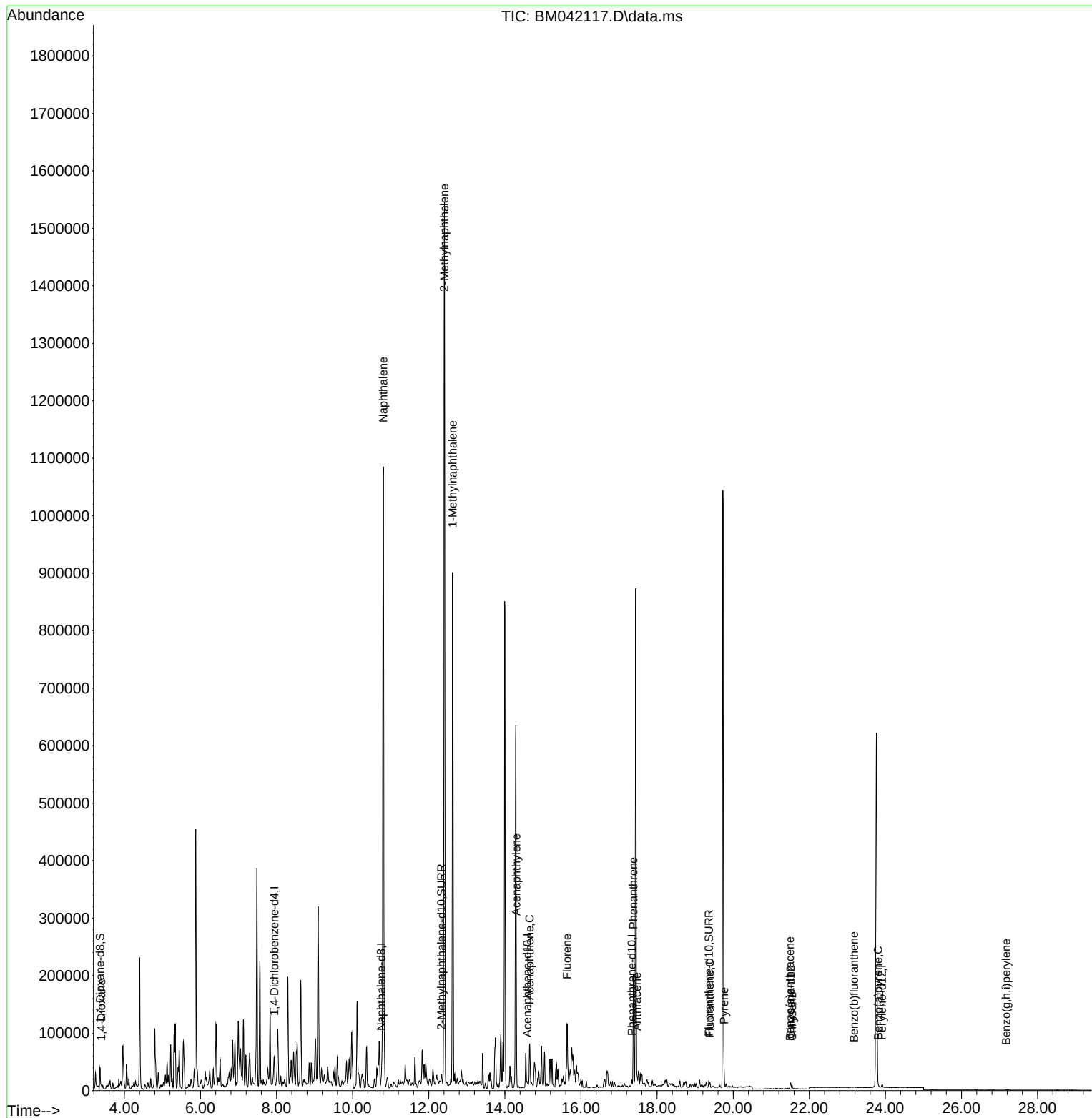
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042117.D
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ALS Vial : 15 Sample Multiplier: 1

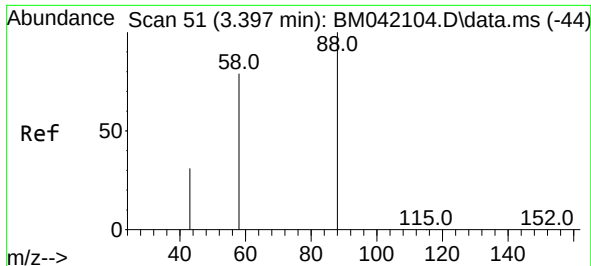
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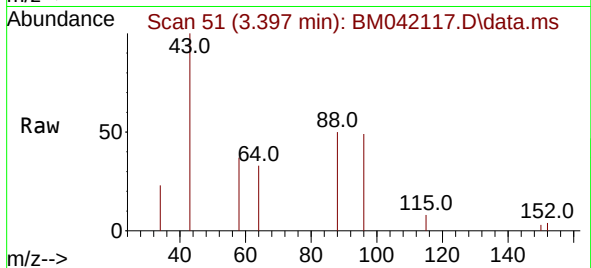
Quant Time: Sep 28 17:14:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.409 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

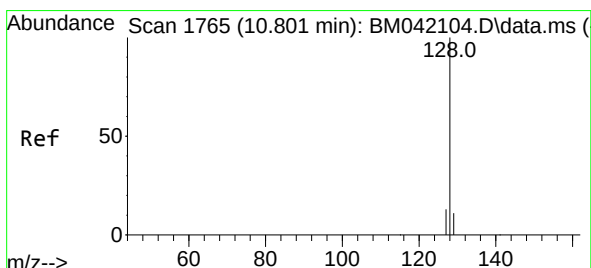
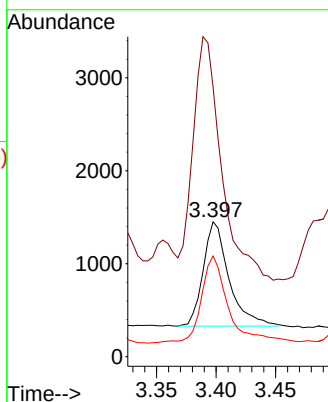
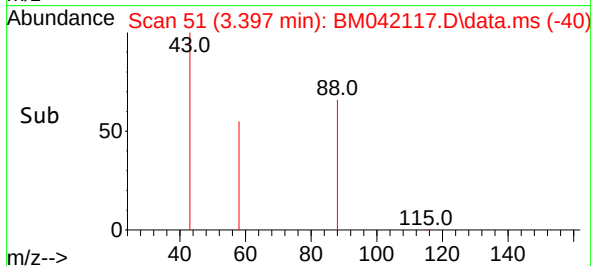
Instrument :
BNA_M
ClientSampleId :
BBK42



Tgt Ion: 88 Resp: 1694
Ion Ratio Lower Upper
88 100
43 199.9 42.9 64.3
58 74.6 56.4 84.6

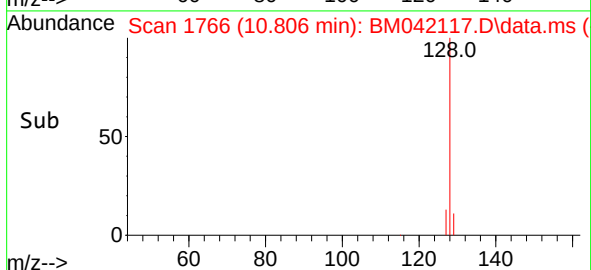
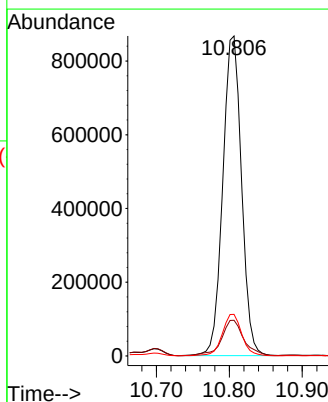
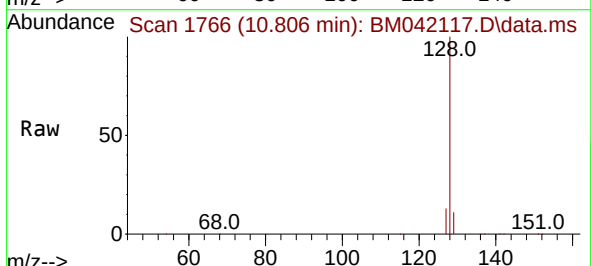
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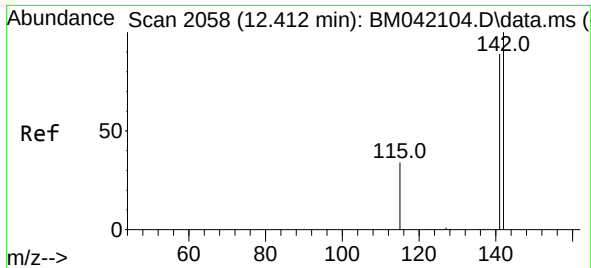
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#5
Naphthalene
Concen: 57.732 ng/ul
RT: 10.806 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

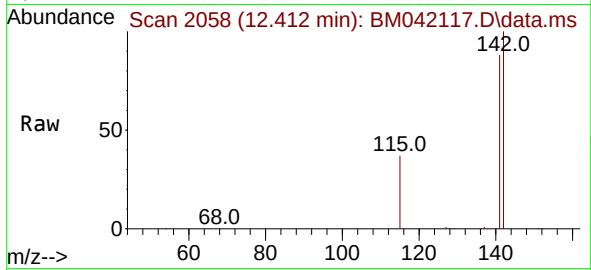
Tgt Ion:128 Resp: 1548977
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.8 16.2





#7
2-Methylnaphthalene
Concen: 69.169 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

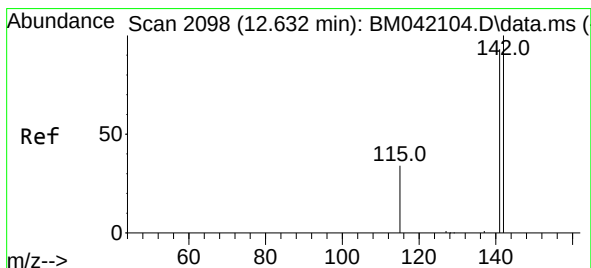
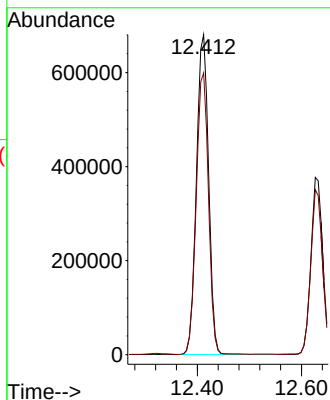
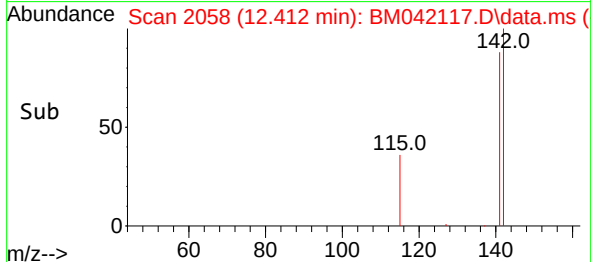
Instrument :
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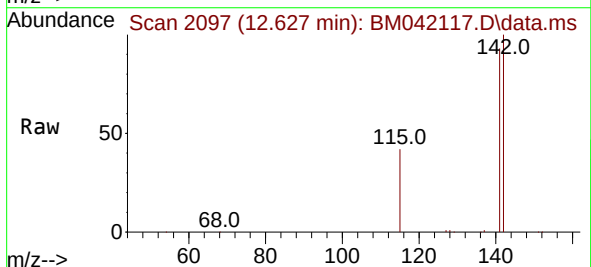
Tgt Ion:142 Resp: 1106269
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1

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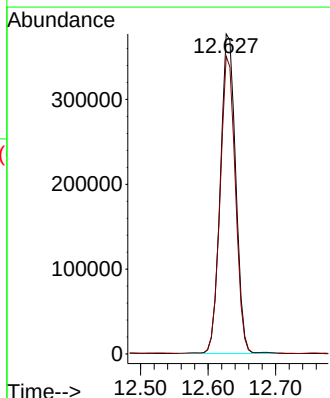
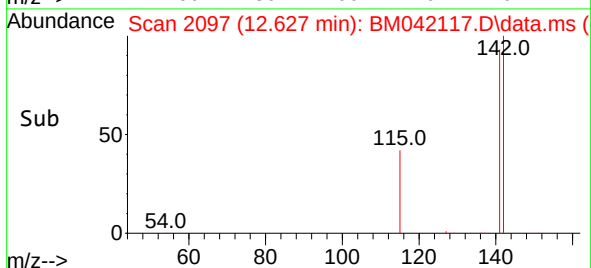
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

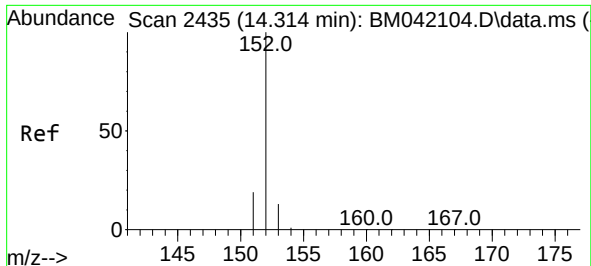


#8
1-Methylnaphthalene
Concen: 36.543 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.017 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37



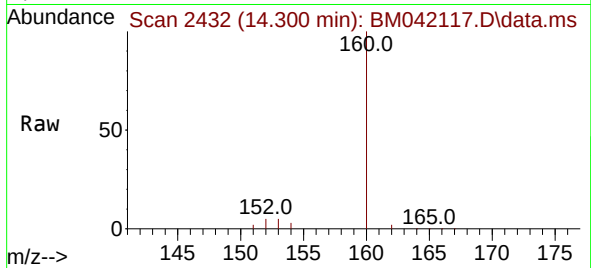
Tgt Ion:142 Resp: 593363
Ion Ratio Lower Upper
142 100
141 92.4 75.1 112.7





#10
Acenaphthylene
Concen: 0.373 ng/u1
RT: 14.300 min Scan# 2435
Delta R.T. -0.028 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

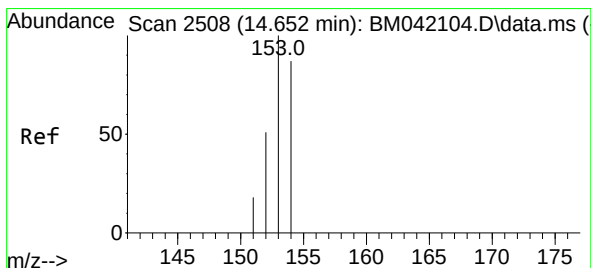
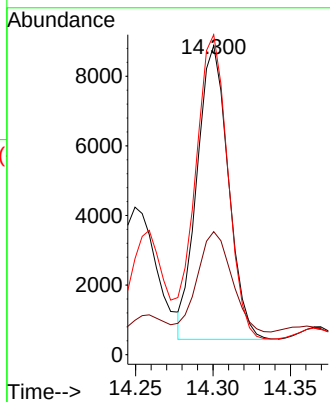
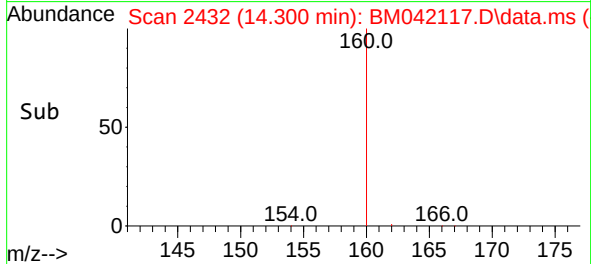
Instrument :
BNA_M
ClientSampleId :
BBK42



Tgt Ion:152 Resp: 11828
Ion Ratio Lower Upper
152 100
151 39.8 16.2 24.4
153 103.5 10.8 16.2

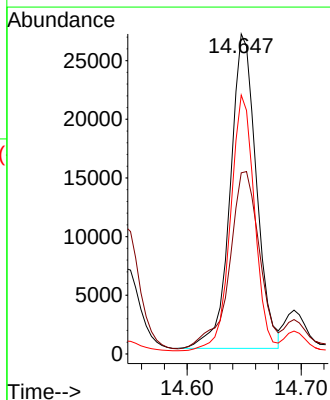
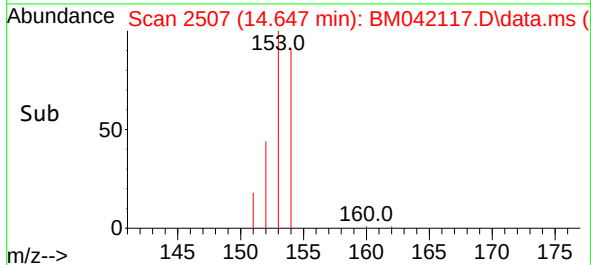
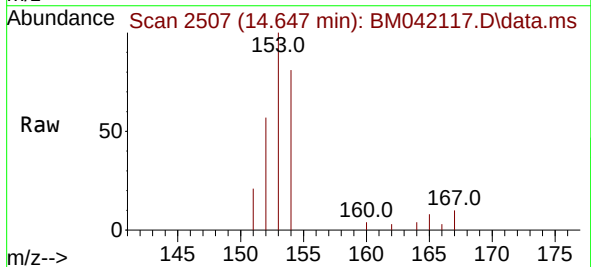
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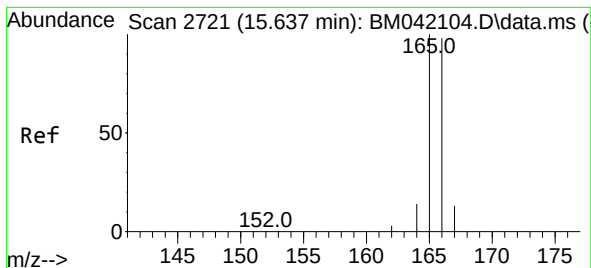
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#11
Acenaphthene
Concen: 1.756 ng/u1
RT: 14.647 min Scan# 2507
Delta R.T. -0.014 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

Tgt Ion:153 Resp: 42686
Ion Ratio Lower Upper
153 100
152 56.6 41.8 62.8
154 80.9 69.0 103.6





#12

Fluorene

Concen: 2.502 ng/ul

RT: 15.633 min Scan# 21

Delta R.T. -0.019 min

Lab File: BM042117.D

Acq: 28 Sep 2023 16:37

Instrument :

BNA_M

ClientSampleId :

BBK42

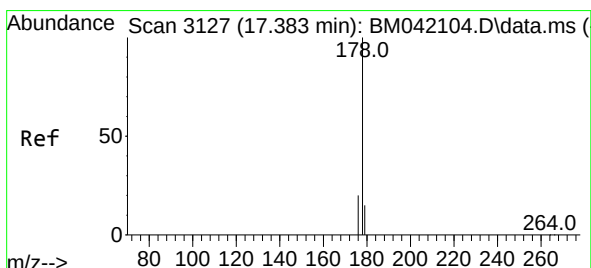
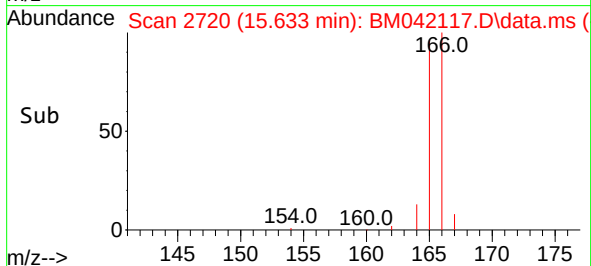
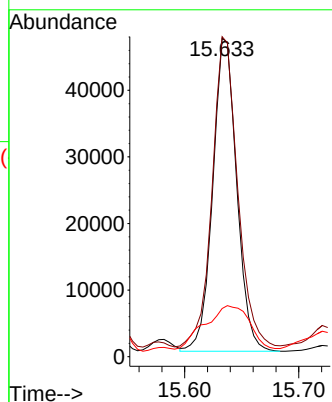
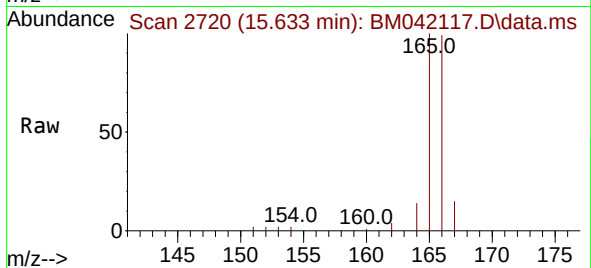
Tgt Ion:166 Resp: 6852

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	15.1	11.1	16.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#15

Phenanthrene

Concen: 3.796 ng/ul

RT: 17.379 min Scan# 3126

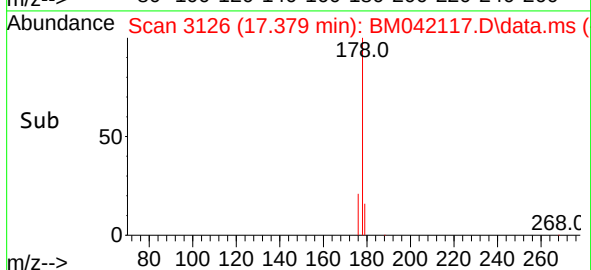
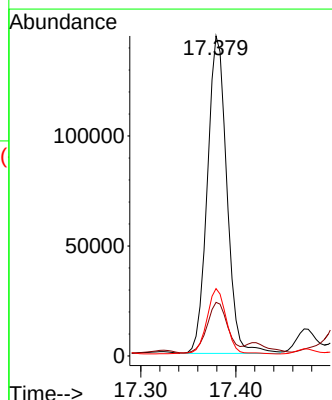
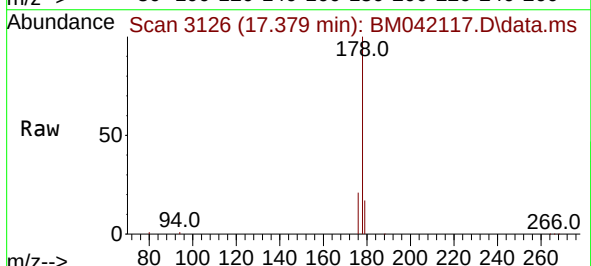
Delta R.T. -0.017 min

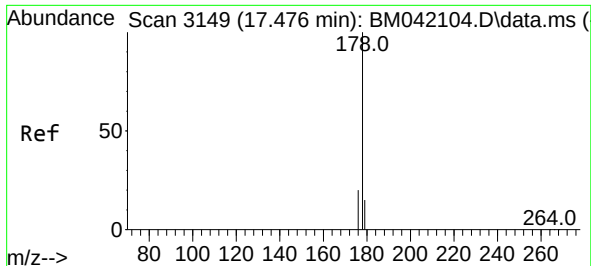
Lab File: BM042117.D

Acq: 28 Sep 2023 16:37

Tgt Ion:178 Resp: 205701

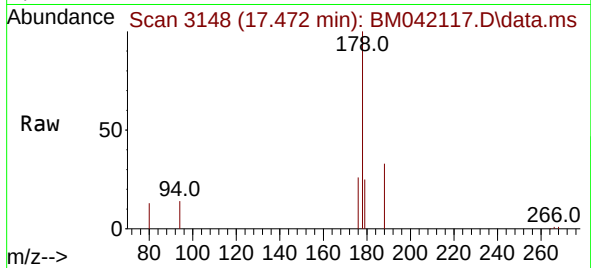
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.7	19.1
176	21.0	16.6	24.8





#16
 Anthracene
 Concen: 0.321 ng/ul
 RT: 17.472 min Scan# 3149
 Delta R.T. -0.017 min
 Lab File: BM042117.D
 Acq: 28 Sep 2023 16:37

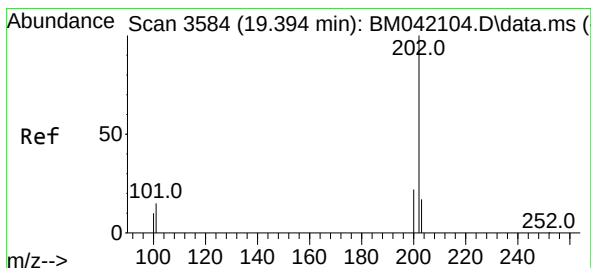
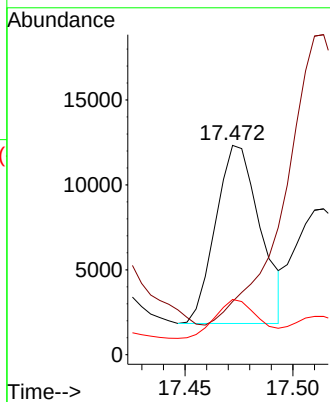
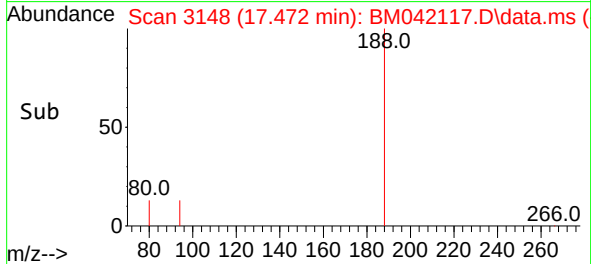
Instrument :
 BNA_M
 ClientSampleId :
 BBK42



Tgt Ion:178 Resp: 1502
 Ion Ratio Lower Upper
 178 100
 179 25.4 12.9 19.3
 176 26.4 16.2 24.2

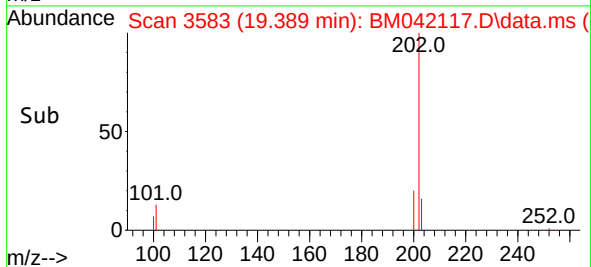
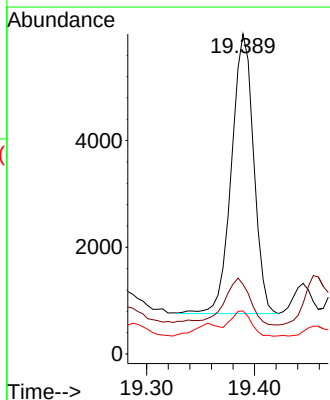
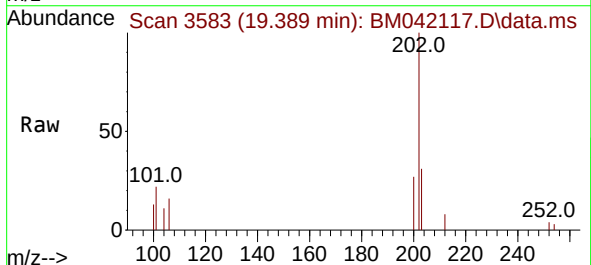
Manual Integrations
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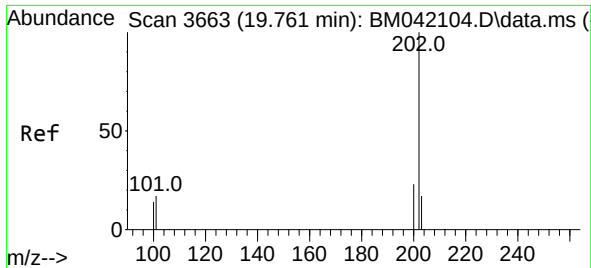
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023



#19
 Fluoranthene
 Concen: 0.097 ng/ul
 RT: 19.389 min Scan# 3583
 Delta R.T. -0.014 min
 Lab File: BM042117.D
 Acq: 28 Sep 2023 16:37

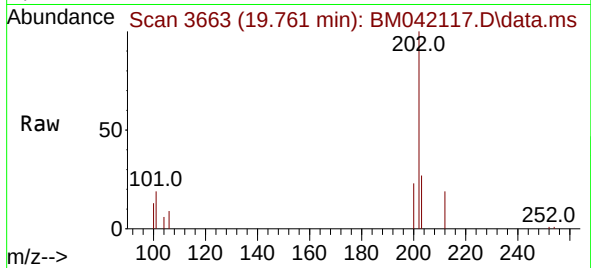
Tgt Ion:202 Resp: 7501
 Ion Ratio Lower Upper
 202 100
 101 21.7 11.8 17.6
 100 13.5 9.1 13.7





#20
Pyrene
Concen: 0.339 ng/ul m
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

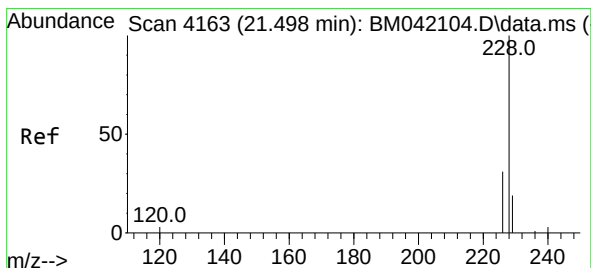
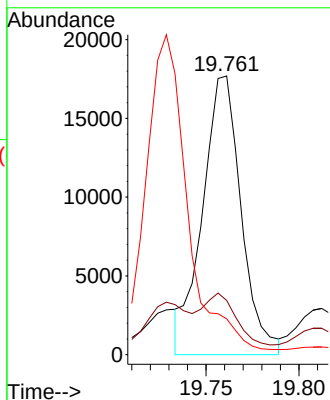
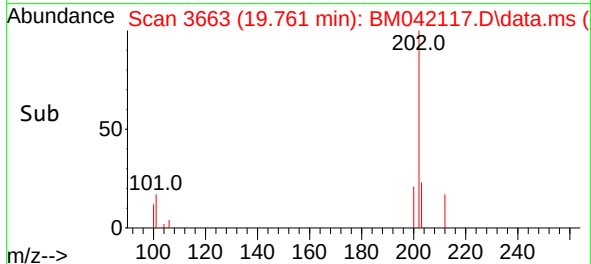
Instrument :
BNA_M
ClientSampleId :
BBK42



Tgt Ion:202 Resp: 2565
Ion Ratio Lower Upper
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101 19.5 14.1 21.1
100 12.8 11.4 17.0

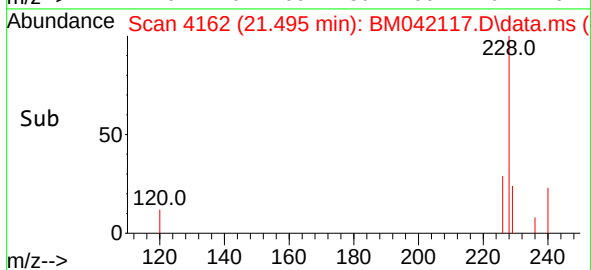
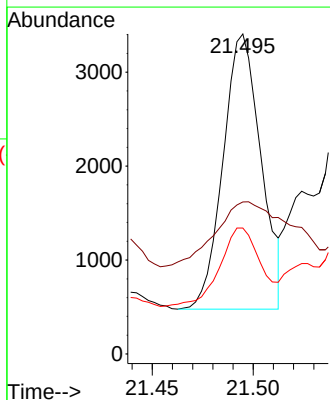
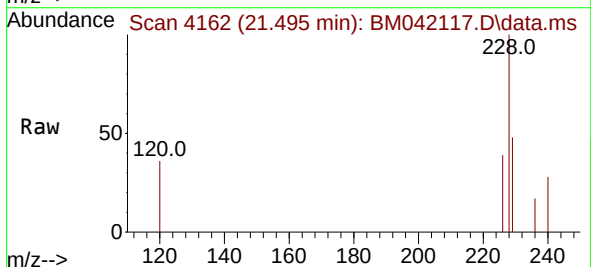
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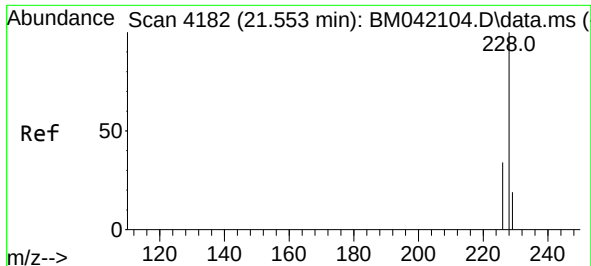
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.012 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

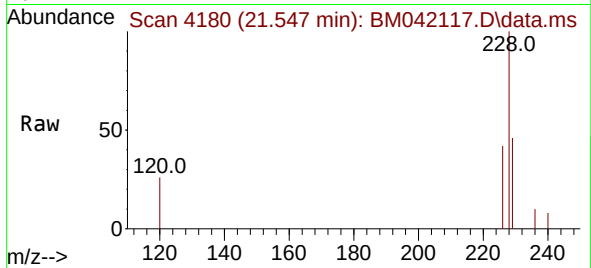
Tgt Ion:228 Resp: 3832
Ion Ratio Lower Upper
228 100
229 47.5 15.5 23.3#
226 39.4 24.8 37.2#





#22
Chrysene
Concen: 0.114 ng/ul m
RT: 21.547 min Scan# 4182
Delta R.T. -0.015 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

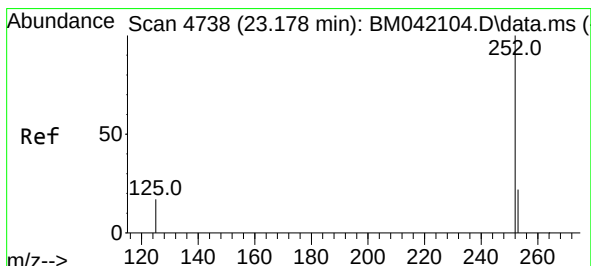
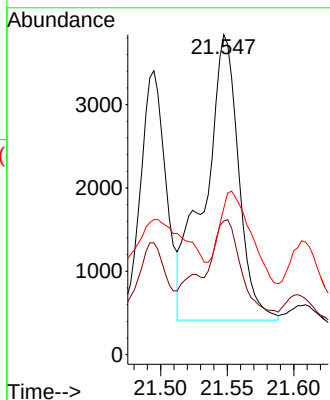
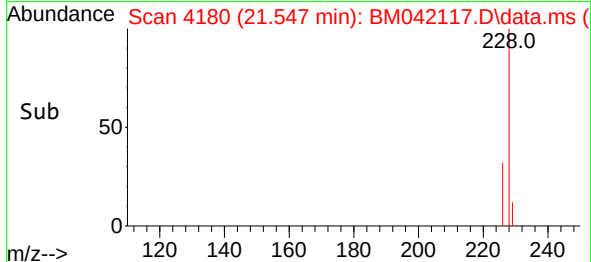
Instrument :
BNA_M
ClientSampleId :
BBK42



Tgt Ion:228 Resp: 6070
Ion Ratio Lower Upper
228 100
226 41.7 27.8 41.6#
229 45.8 15.6 23.4#

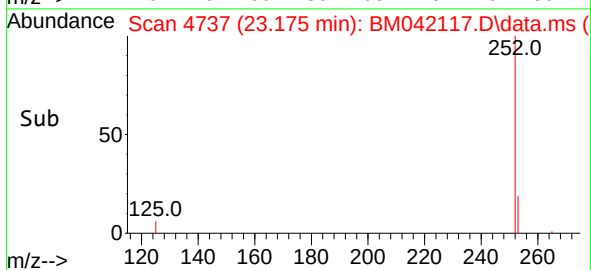
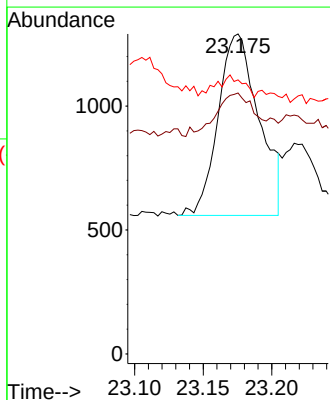
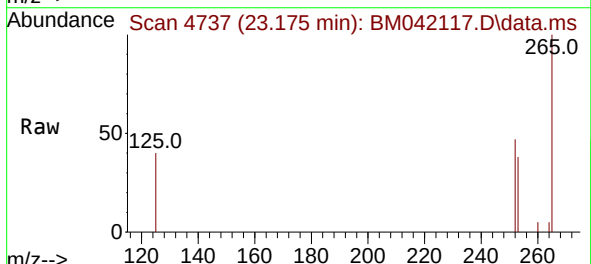
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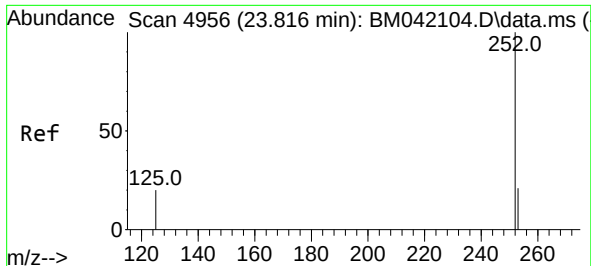
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#24
Benzo(b)fluoranthene
Concen: 0.024 ng/ul
RT: 23.175 min Scan# 4737
Delta R.T. -0.015 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

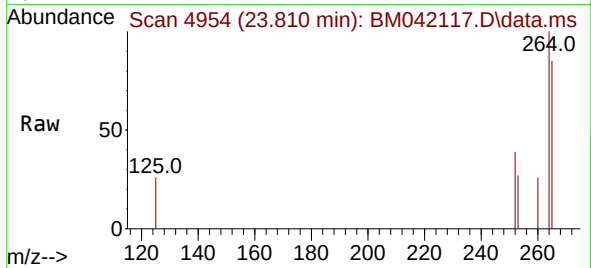
Tgt Ion:252 Resp: 1517
Ion Ratio Lower Upper
252 100
253 81.6 0.0 54.4#
125 85.7 0.0 46.2#





#26
Benzo(a)pyrene
Concen: 0.032 ng/ul
RT: 23.810 min Scan# 4956
Delta R.T. -0.018 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37

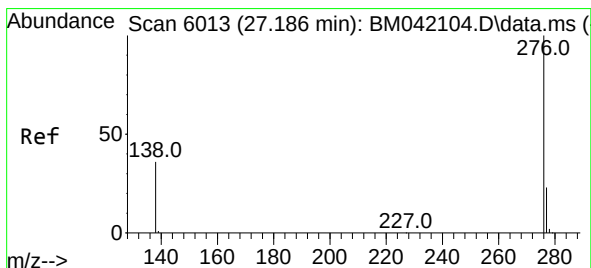
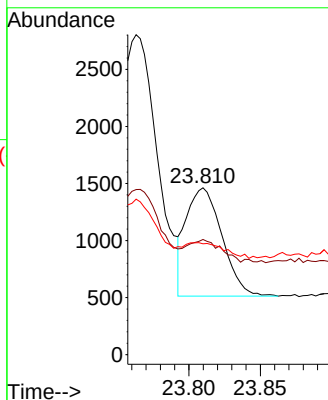
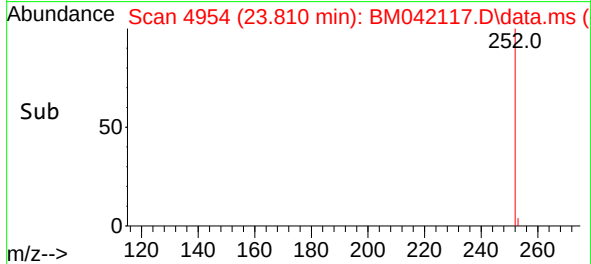
Instrument :
BNA_M
ClientSampleId :
BBK42



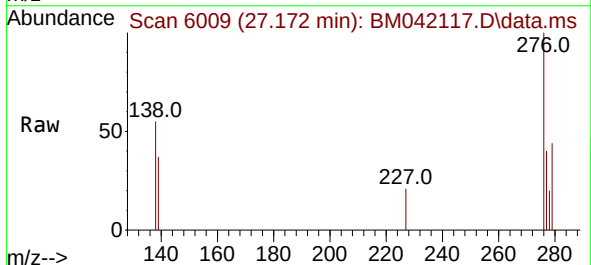
Tgt Ion:252 Resp: 1650
Ion Ratio Lower Upper
252 100
253 69.1 23.2 34.8#
125 66.5 22.5 33.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 27.172 min Scan# 6009
Delta R.T. -0.037 min
Lab File: BM042117.D
Acq: 28 Sep 2023 16:37



Tgt Ion:276 Resp: 1574
Ion Ratio Lower Upper
276 100
138 55.0 29.0 43.4#
277 40.0 19.6 29.4#

