

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042009.D
 Acq On : 23 Sep 2023 05:13
 Operator : MA/JU
 Sample : 04386-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 23 05:42:44 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	7.954	152	6418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	16499	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	7355	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	14262	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	5395	0.400	ng/ul	# 0.00
23) Perylene-d12	23.927	264	5114	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	17183	1.965	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	2758	0.133	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	3642	0.164	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.817	128	4590	0.083	ng/ul#	93
7) 2-Methylnaphthalene	12.423	142	3972	0.121	ng/ul	100
8) 1-Methylnaphthalene	12.643	142	3347	0.100	ng/ul	99
10) Acenaphthylene	14.324	152	2456	0.050	ng/ul#	85
11) Acenaphthene	14.661	153	1025	0.027	ng/ul#	81
12) Fluorene	15.647	166	1503	0.035	ng/ul#	92
15) Phenanthrene	17.392	178	30132	0.456	ng/ul	100
16) Anthracene	17.481	178	3424	0.060	ng/ul#	89
19) Fluoranthene	19.403	202	65578	1.075	ng/ul	99
20) Pyrene	19.766	202	49647m	0.828	ng/ul	
21) Benzo(a)anthracene	21.501	228	15942	0.390	ng/ul	97
22) Chrysene	21.556	228	22347	0.529	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	30162	0.766	ng/ul#	1
25) Benzo(k)fluoranthene	23.231	252	10648m	0.278	ng/ul	
26) Benzo(a)pyrene	23.819	252	15584	0.482	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.418	276	16884	0.380	ng/ul#	1
29) Benzo(g,h,i)perylene	27.202	276	16314	0.436	ng/ul#	64

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

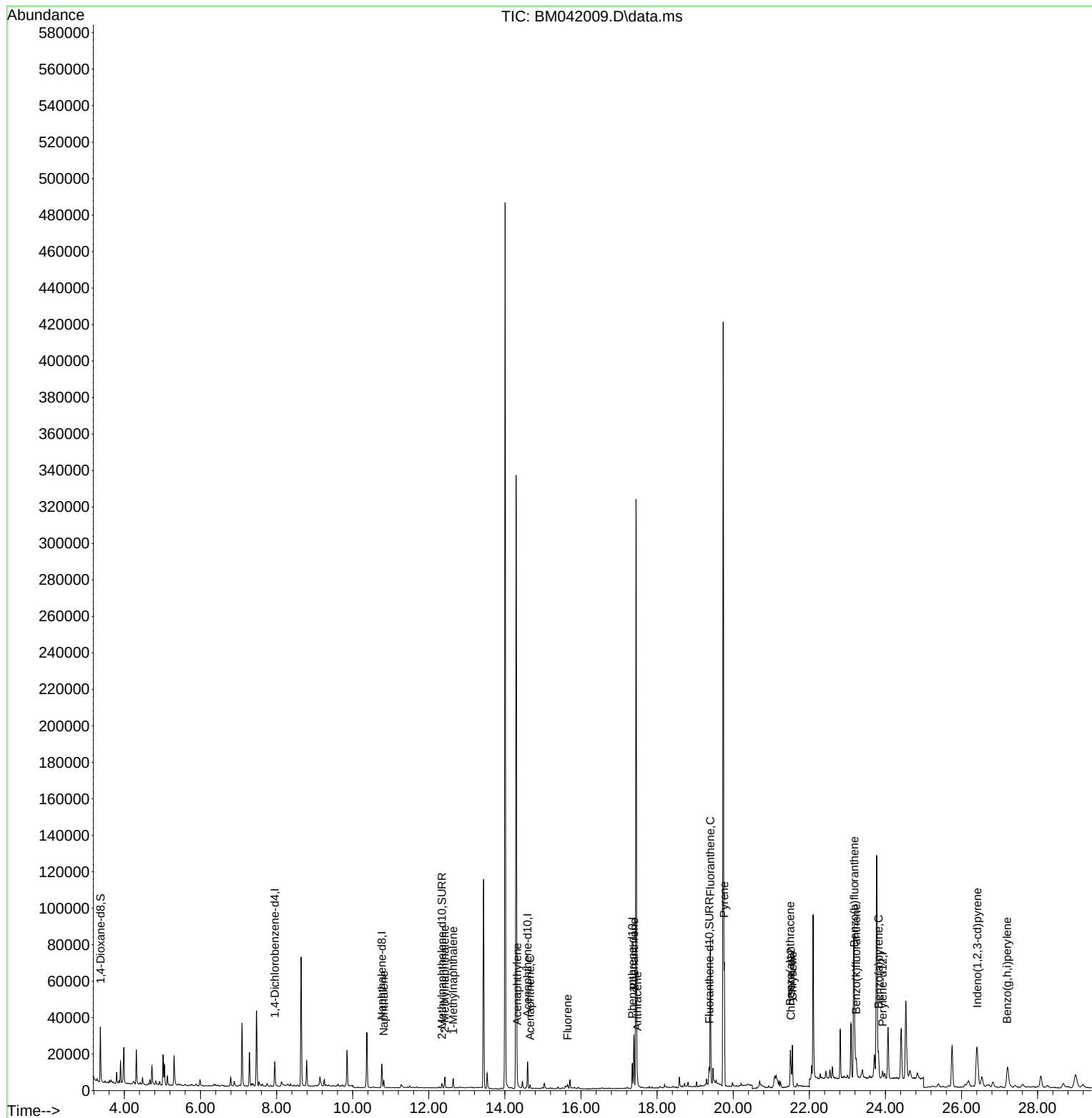
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042009.D
Acq On : 23 Sep 2023 05:13
Operator : MA/JU
Sample : 04386-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

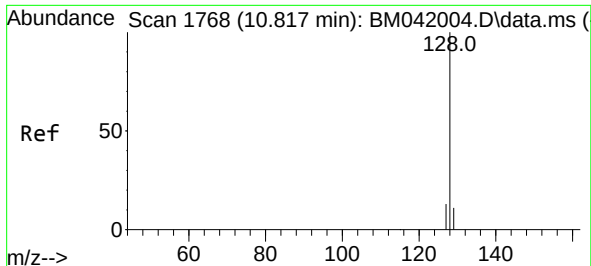
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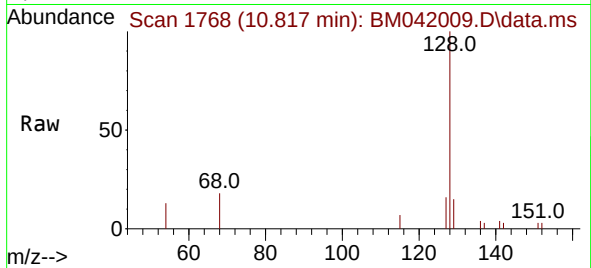
Quant Time: Sep 23 05:42:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.817 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

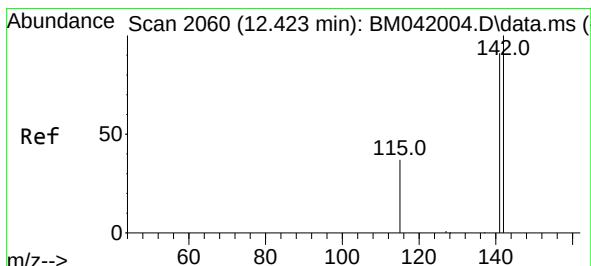
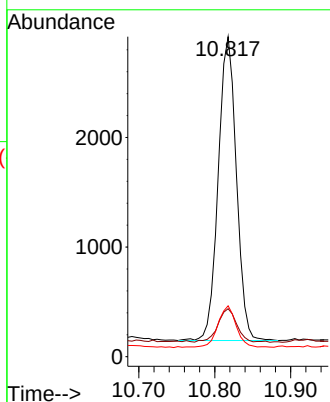
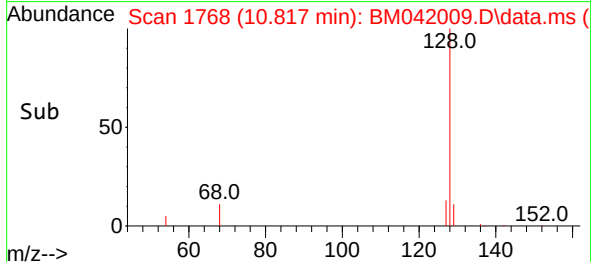
Instrument :
BNA_M
ClientSampleId :
C0AC1



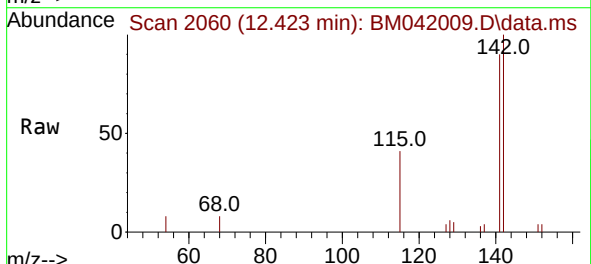
Tgt Ion:128 Resp: 4590
Ion Ratio Lower Upper
128 100
129 15.0 9.2 13.8
127 15.9 10.8 16.2

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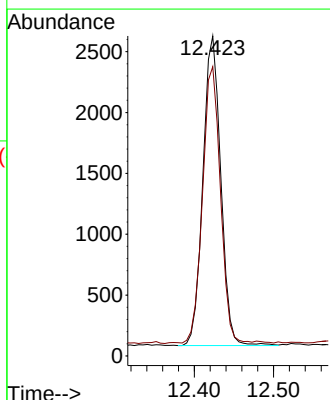
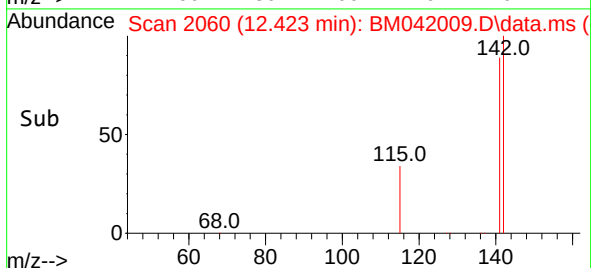
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

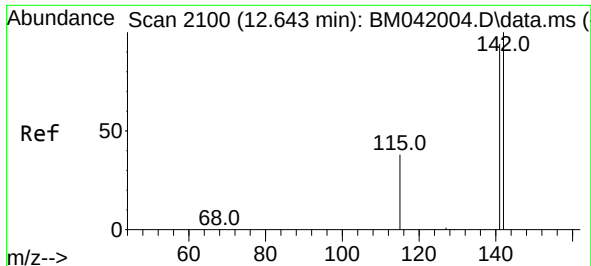


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13



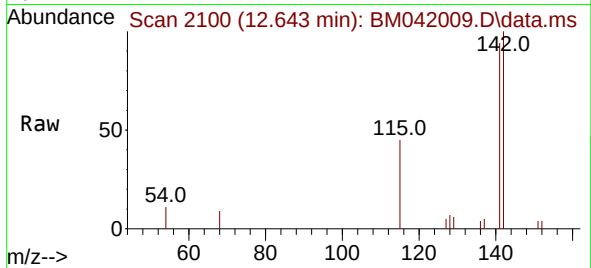
Tgt Ion:142 Resp: 3972
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

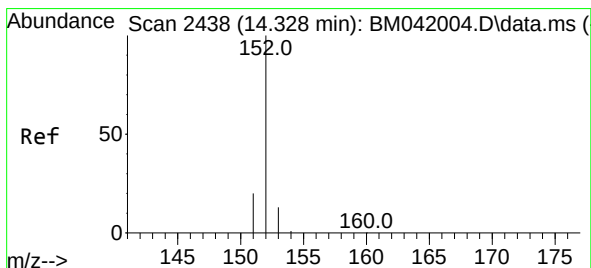
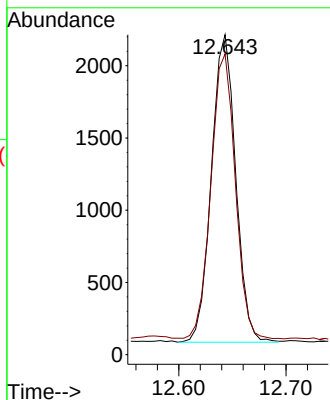
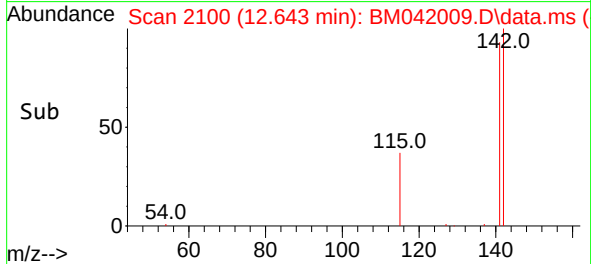
Instrument :
BNA_M
ClientSampleId :
C0AC1



Tgt Ion:142 Resp: 334
Ion Ratio Lower Upper
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141 92.7 75.1 112.7

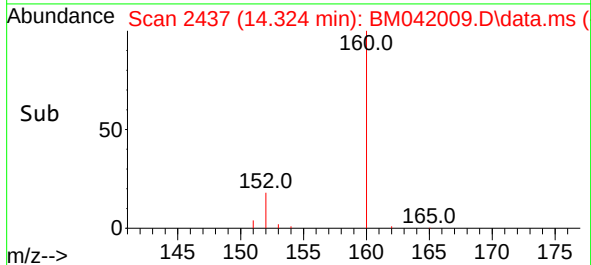
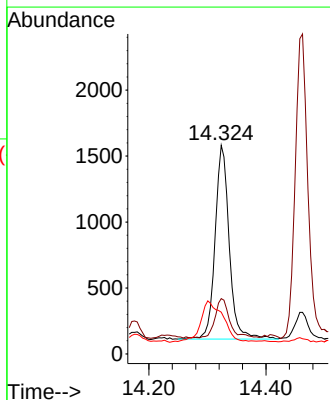
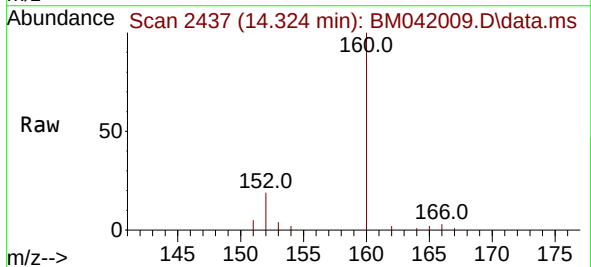
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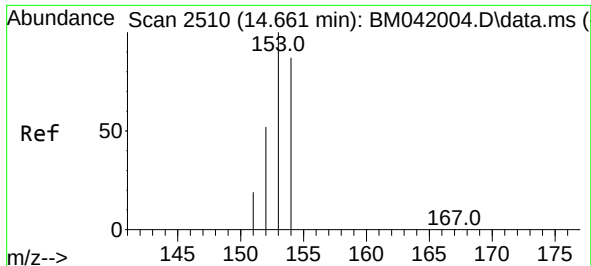
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

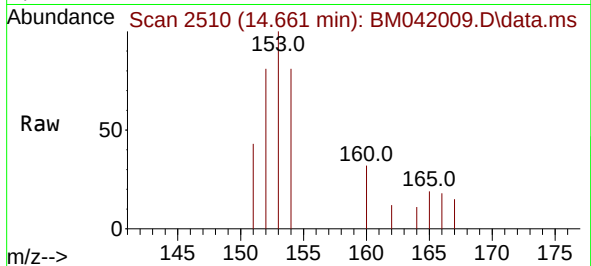
Tgt Ion:152 Resp: 2456
Ion Ratio Lower Upper
152 100
151 26.5 16.2 24.4#
153 20.0 10.8 16.2#





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

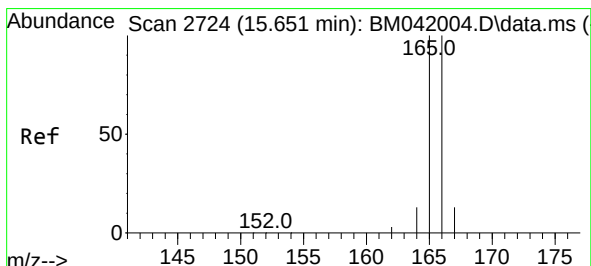
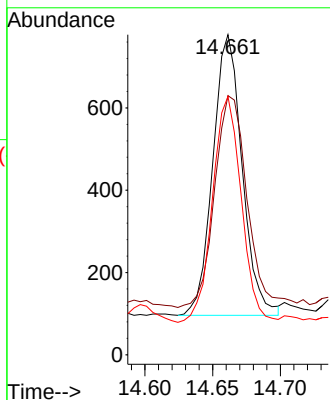
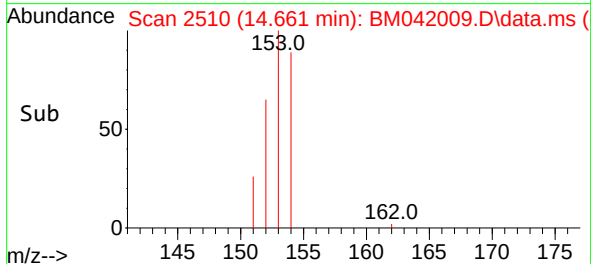
Instrument :
BNA_M
ClientSampleId :
C0AC1



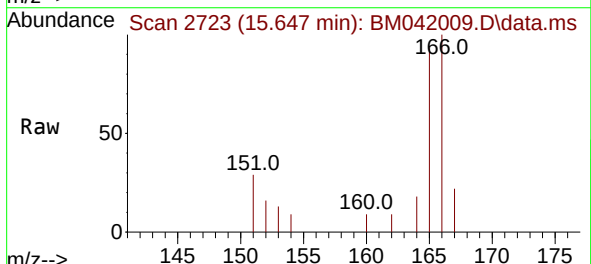
Tgt Ion:153 Resp: 1025
Ion Ratio Lower Upper
153 100
152 81.0 41.8 62.8
154 80.7 69.0 103.6

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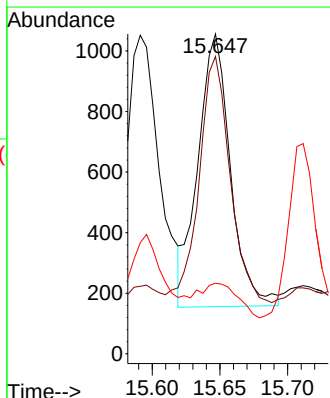
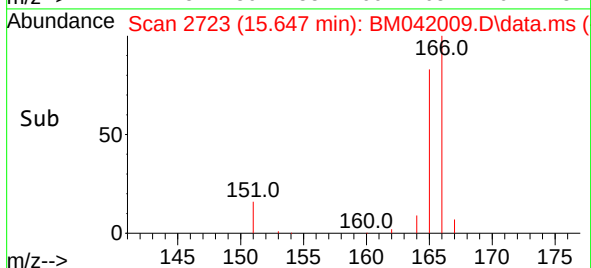
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

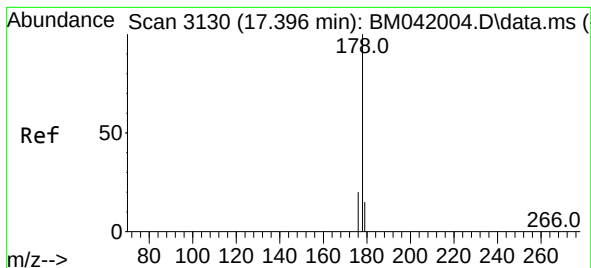


#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13



Tgt Ion:166 Resp: 1503
Ion Ratio Lower Upper
166 100
165 93.0 79.8 119.8
167 22.1 11.1 16.7#





#15

Phenanthrene

Concen: 0.456 ng/ul

RT: 17.392 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BM042009.D

Acq: 23 Sep 2023 05:13

Instrument :

BNA_M

ClientSampleId :

C0AC1

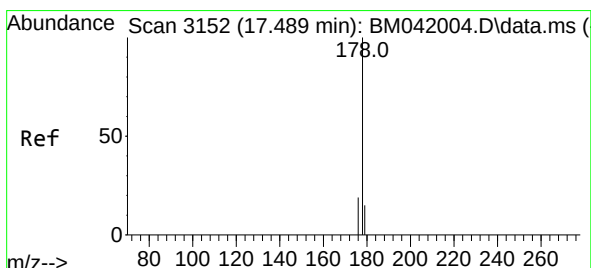
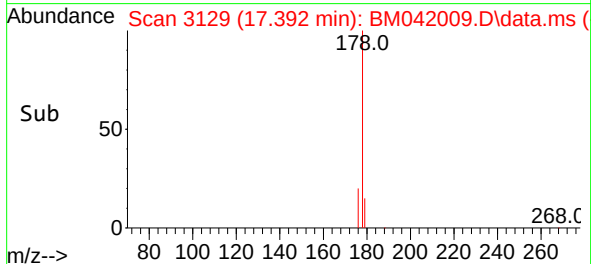
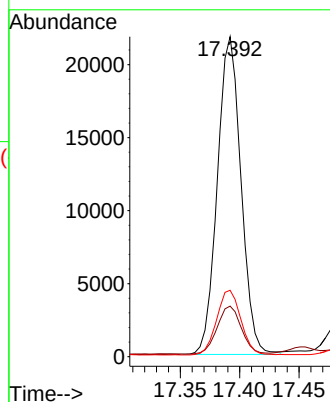
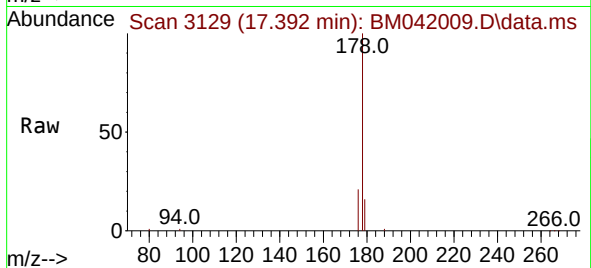
Tgt Ion:178	Resp:	3013
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.7 19.1
176	20.7	16.6 24.8

Manual Integrations

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Supervised By :mohammad ahmed 09/26/2023



#16

Anthracene

Concen: 0.060 ng/ul

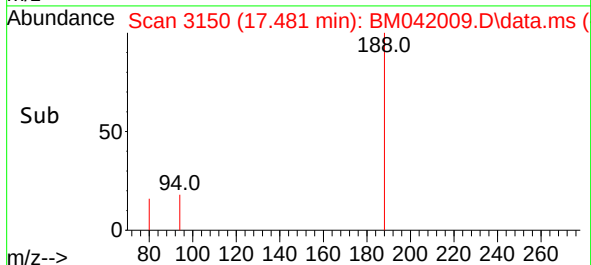
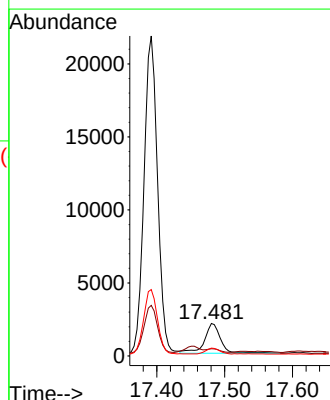
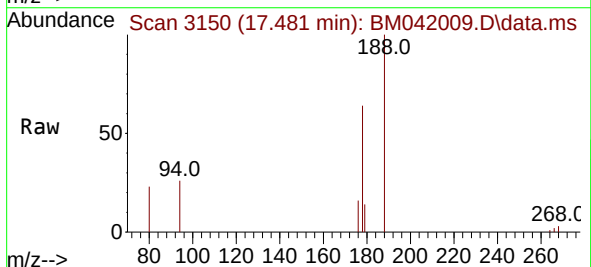
RT: 17.481 min Scan# 3150

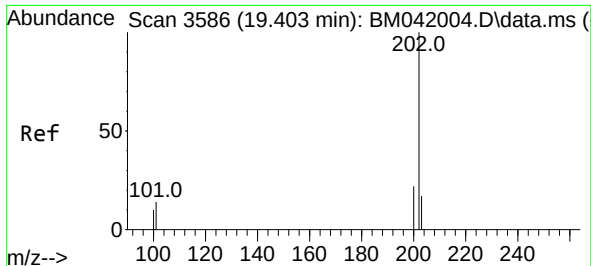
Delta R.T. -0.008 min

Lab File: BM042009.D

Acq: 23 Sep 2023 05:13

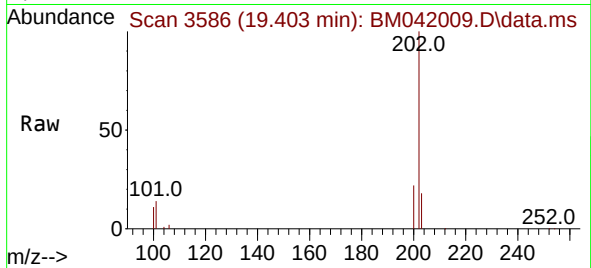
Tgt Ion:178	Resp:	3424
Ion Ratio	Lower	Upper
178	100	
179	22.1	12.9 19.3#
176	24.1	16.2 24.2





#19
Fluoranthene
Concen: 1.075 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

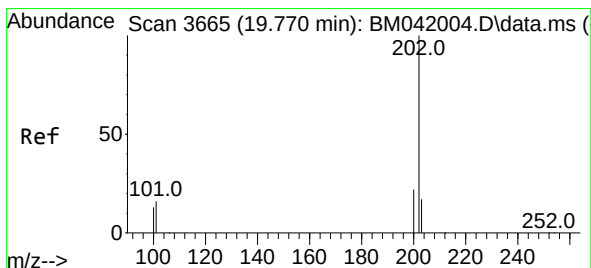
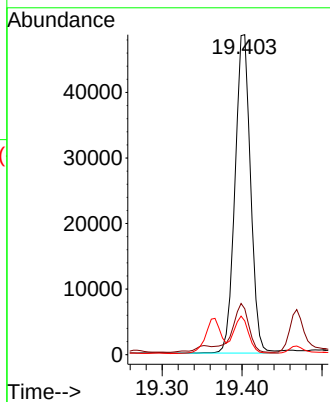
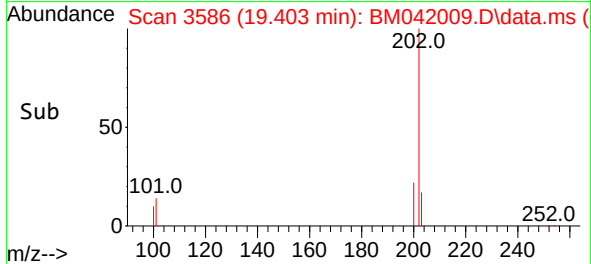
Instrument :
BNA_M
ClientSampleId :
C0AC1



Tgt Ion:202 Resp: 65578
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 10.5 9.1 13.7

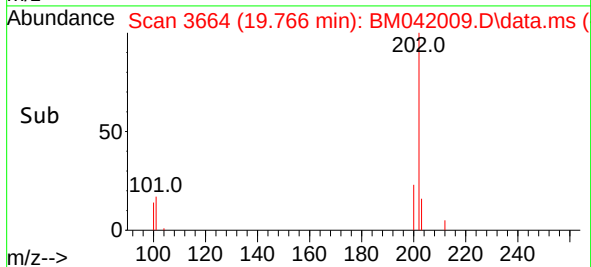
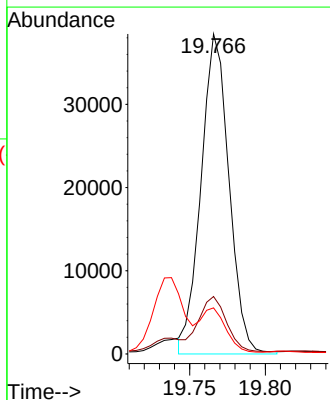
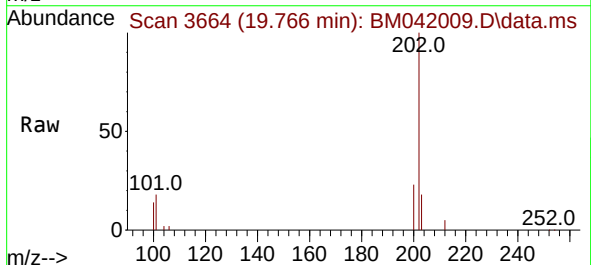
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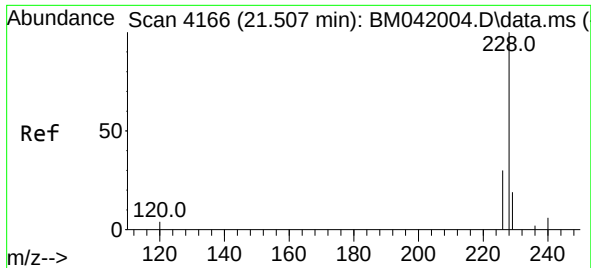
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#20
Pyrene
Concen: 0.828 ng/ul m
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

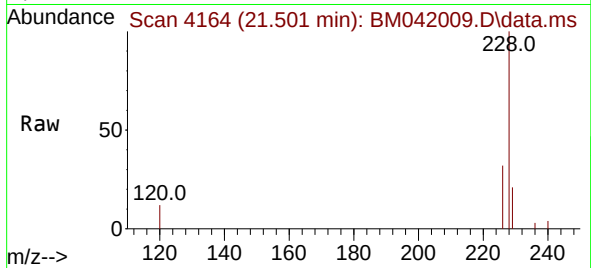
Tgt Ion:202 Resp: 49647
Ion Ratio Lower Upper
202 100
101 18.0 14.1 21.1
100 14.4 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.390 ng/u1
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

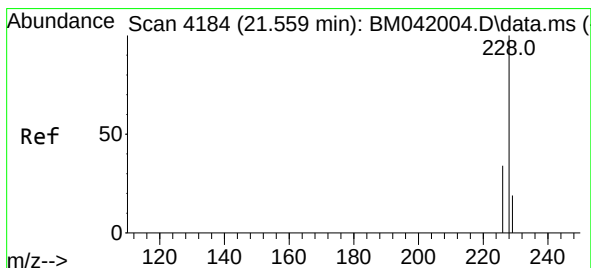
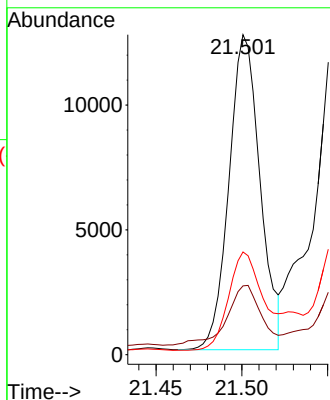
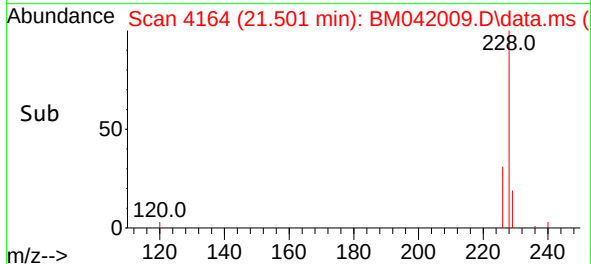
Instrument :
BNA_M
ClientSampleId :
C0AC1



Tgt Ion:228 Resp: 1594
Ion Ratio Lower Upper
228 100
229 21.5 15.5 23.3
226 32.1 24.8 37.2

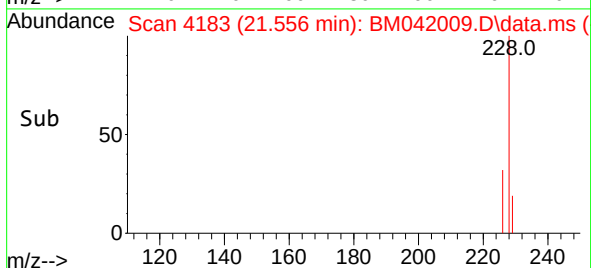
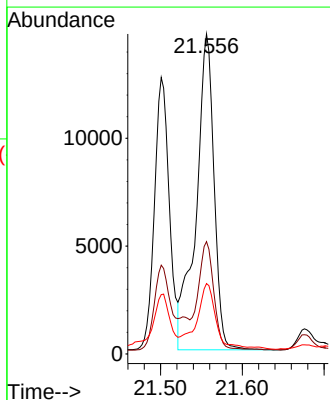
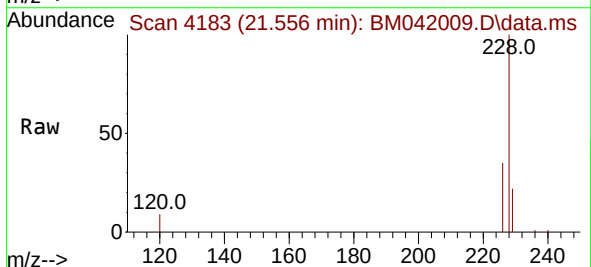
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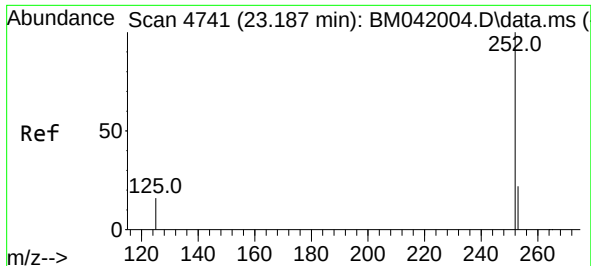
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#22
Chrysene
Concen: 0.529 ng/u1
RT: 21.556 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

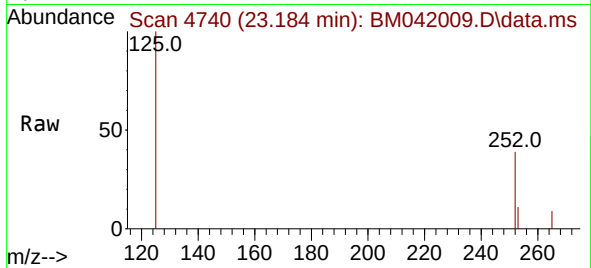
Tgt Ion:228 Resp: 22347
Ion Ratio Lower Upper
228 100
226 35.1 27.8 41.6
229 22.0 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.766 ng/ul
RT: 23.184 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

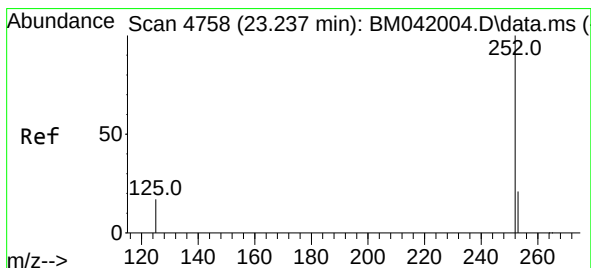
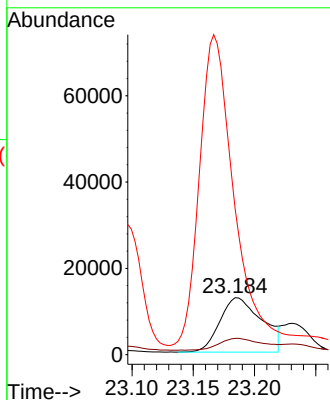
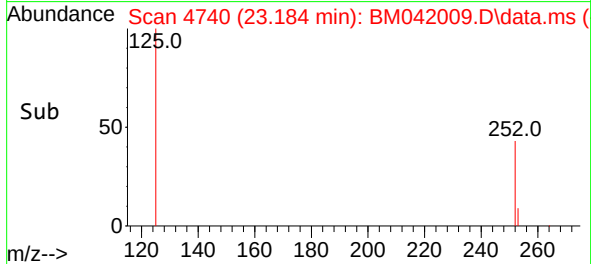
Instrument :
BNA_M
ClientSampleId :
C0AC1



Tgt Ion:252 Resp: 30162
Ion Ratio Lower Upper
252 100
253 28.7 0.0 54.4
125 255.8 0.0 46.2

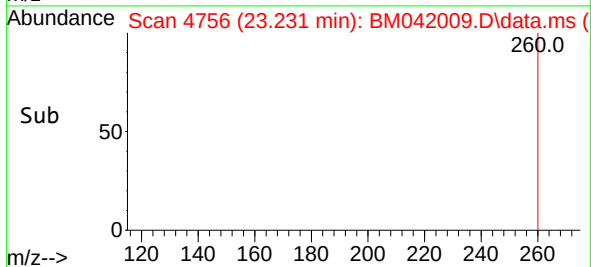
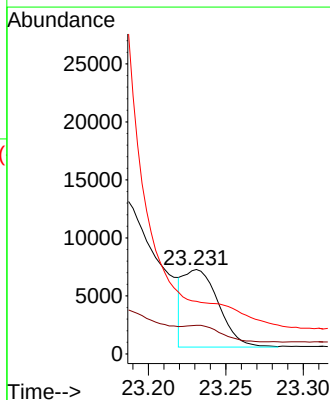
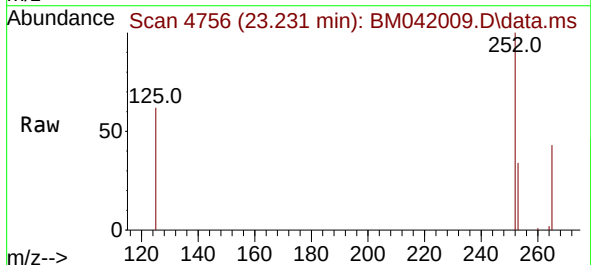
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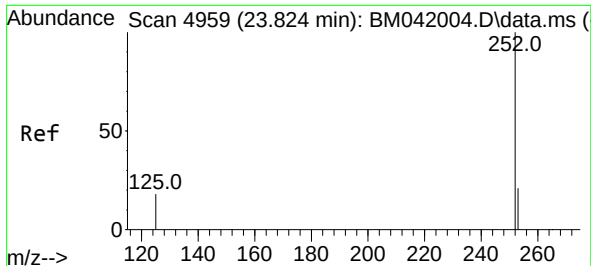
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul m
RT: 23.231 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

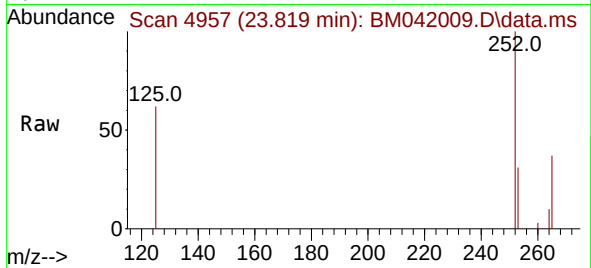
Tgt Ion:252 Resp: 10648
Ion Ratio Lower Upper
252 100
253 33.9 21.0 31.6#
125 62.2 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.482 ng/ul
RT: 23.819 min Scan# 4959
Delta R.T. -0.009 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13

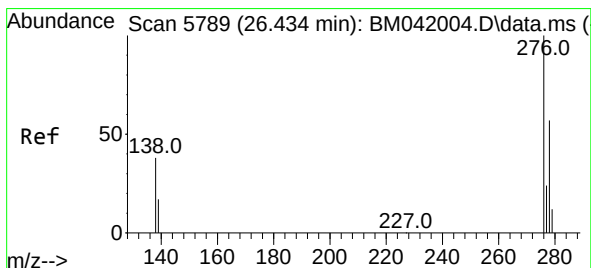
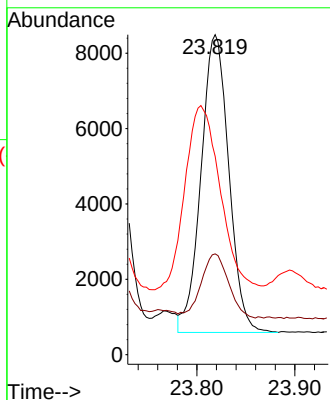
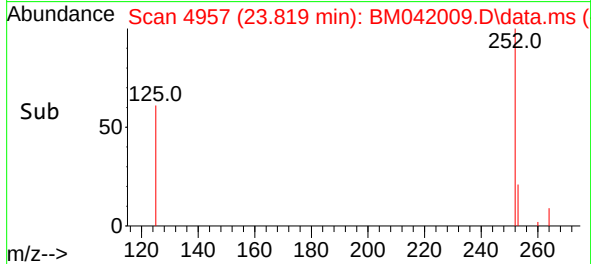
Instrument :
BNA_M
ClientSampleId :
C0AC1



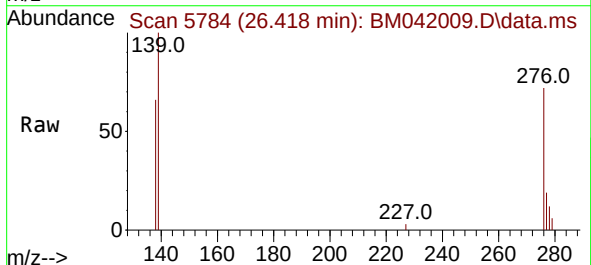
Tgt Ion:252 Resp: 15584
Ion Ratio Lower Upper
252 100
253 31.5 23.2 34.8
125 62.0 22.5 33.7

Manual Integrations
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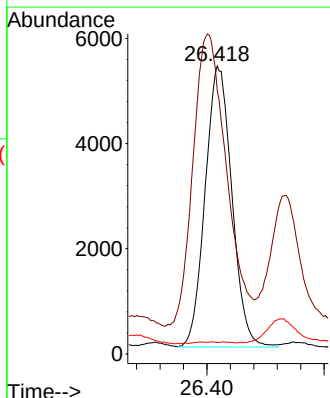
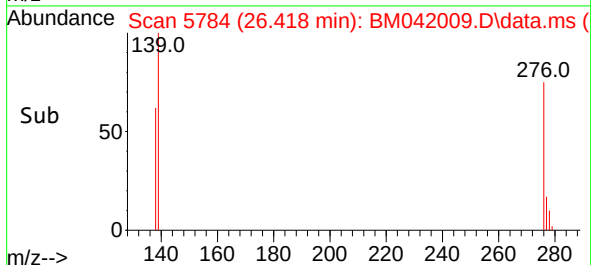
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

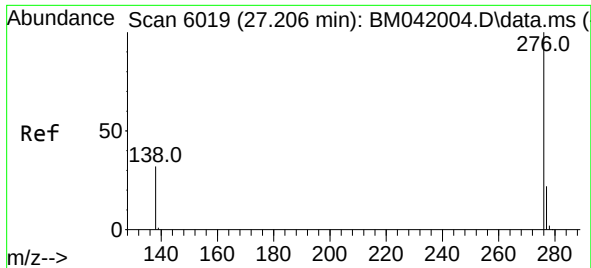


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.418 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM042009.D
Acq: 23 Sep 2023 05:13



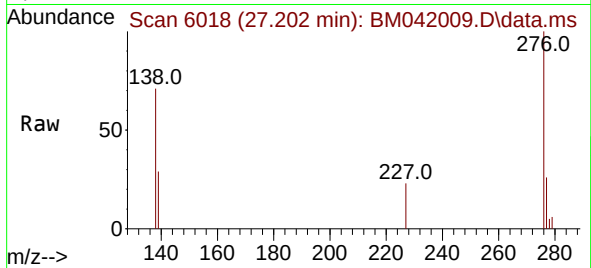
Tgt Ion:276 Resp: 16884
Ion Ratio Lower Upper
276 100
138 130.4 32.1 48.1#
227 0.4 0.2 0.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.436 ng/ul
 RT: 27.202 min Scan# 6019
 Delta R.T. -0.007 min
 Lab File: BM042009.D
 Acq: 23 Sep 2023 05:13

Instrument :
 BNA_M
 ClientSampleId :
 C0AC1



Tgt Ion:276 Resp: 16314
 Ion Ratio Lower Upper
 276 100
 138 70.8 29.0 43.4
 277 26.1 19.6 29.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

