

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040823.D
 Acq On : 11 Jul 2023 22:24
 Operator : MA/JU
 Sample : 03414-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 05:49:27 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 : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	12452	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	5702	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	10344	0.400	ng/ul	-0.01
17) Chrysene-d12	21.469	240	6444	0.400	ng/ul	-0.01
23) Perylene-d12	23.854	264	5061	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4610	0.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	882	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	1434	0.069	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	8472	0.247	ng/ul	97
7) 2-Methylnaphthalene	12.352	142	702	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	436	0.022	ng/ul	98
10) Acenaphthylene	14.245	152	3662	0.144	ng/ul#	88
11) Acenaphthene	14.588	153	1320	0.061	ng/ul	97
12) Fluorene	15.578	166	1755	0.076	ng/ul#	97
15) Phenanthrene	17.320	178	33167	1.032	ng/ul	99
16) Anthracene	17.409	178	8836	0.327	ng/ul#	93
19) Fluoranthene	19.338	202	71075	2.597	ng/ul	96
20) Pyrene	19.701	202	62624	2.134	ng/ul	98
21) Benzo(a)anthracene	21.451	228	33499	1.537	ng/ul	96
22) Chrysene	21.504	228	30804	1.239	ng/ul	96
24) Benzo(b)fluoranthene	23.132	252	47256	2.413	ng/ul	94
25) Benzo(k)fluoranthene	23.161	252	22134m	1.147	ng/ul	
26) Benzo(a)pyrene	23.749	252	29197	1.655	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.324	276	27444	1.117	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.331	278	7769	0.404	ng/ul#	87
29) Benzo(g,h,i)perylene	27.085	276	4774	0.222	ng/ul#	85

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

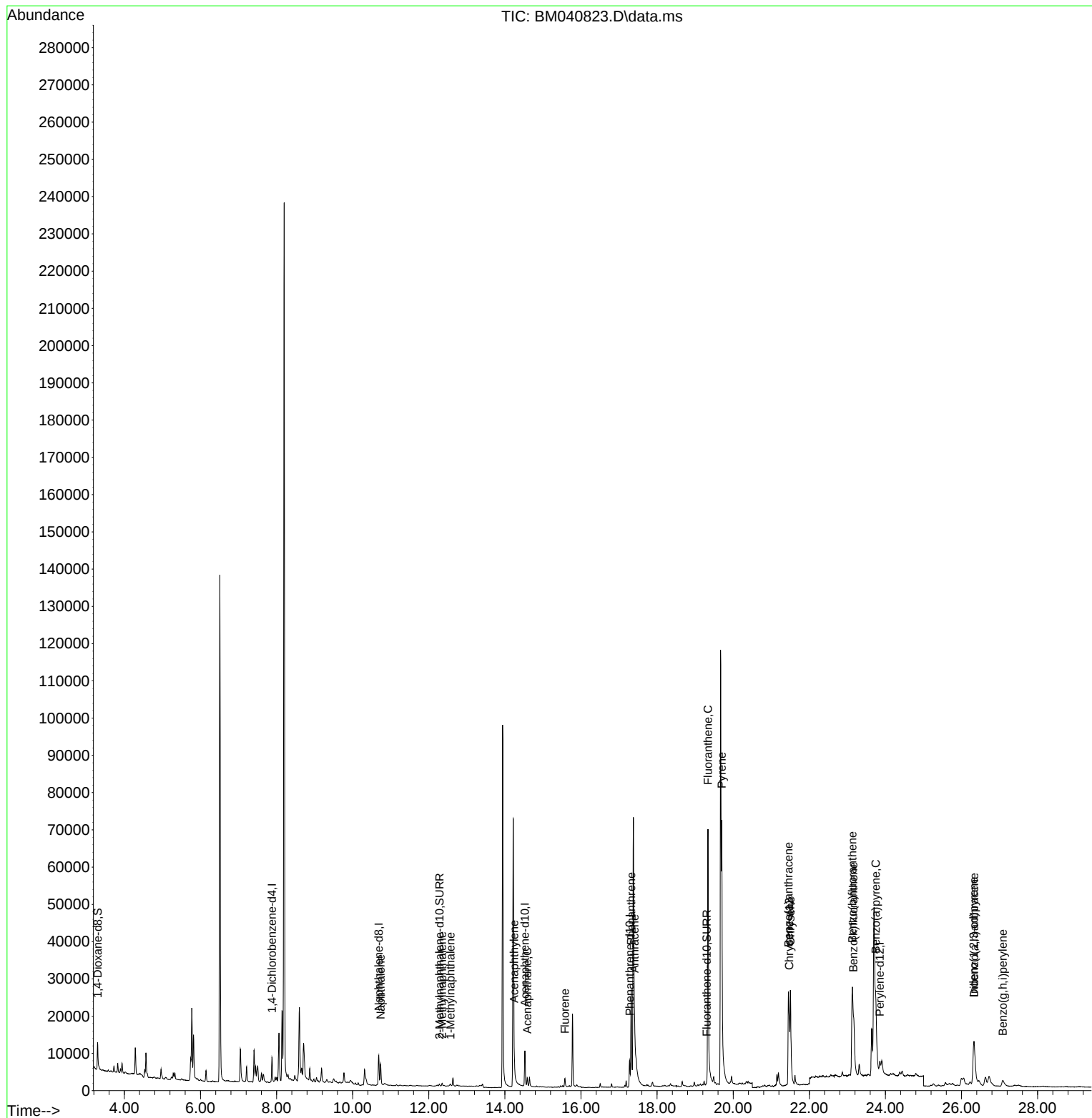
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040823.D
Acq On : 11 Jul 2023 22:24
Operator : MA/JU
Sample : 03414-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

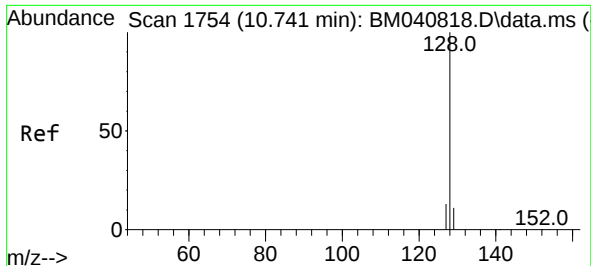
Instrument :
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ClientSampleId :
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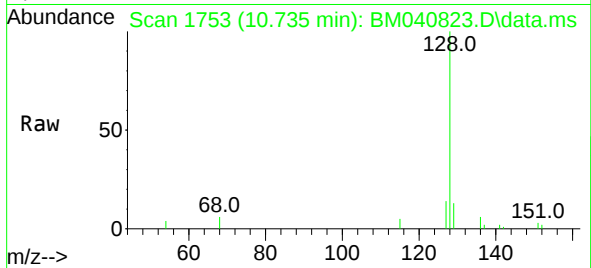
Quant Time: Jul 12 05:49:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.735 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

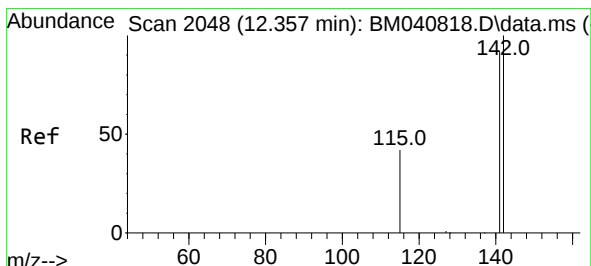
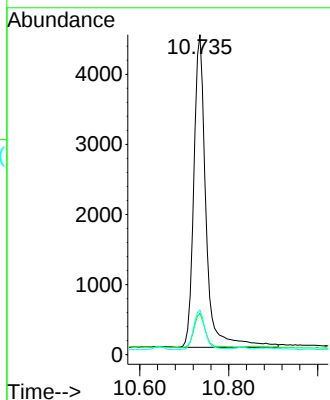
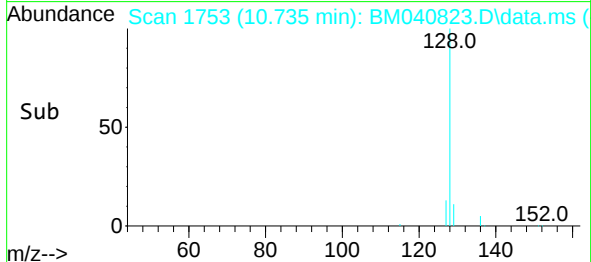
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:128 Resp: 847
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.9 10.6 15.8

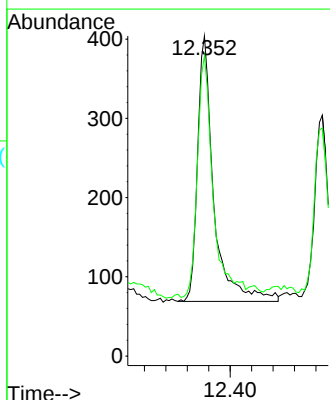
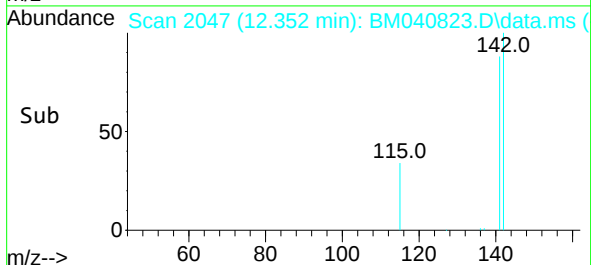
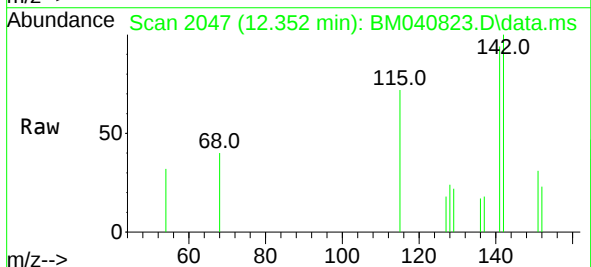
Manual Integrations
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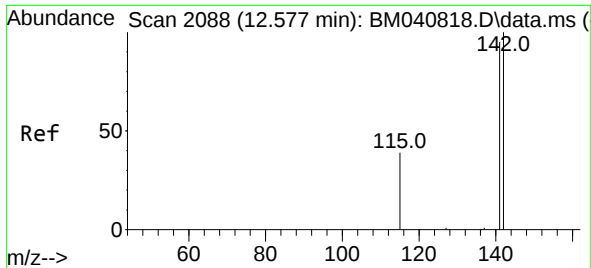
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

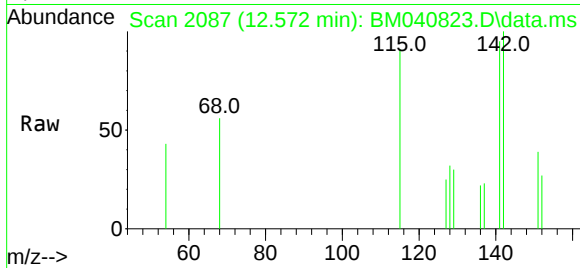
Tgt Ion:142 Resp: 702
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

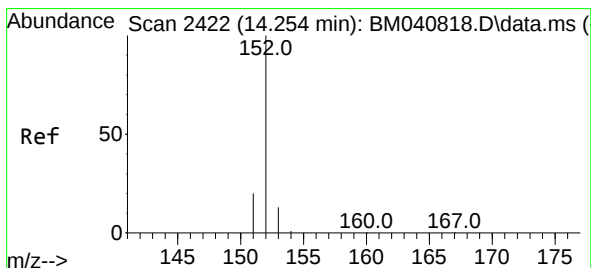
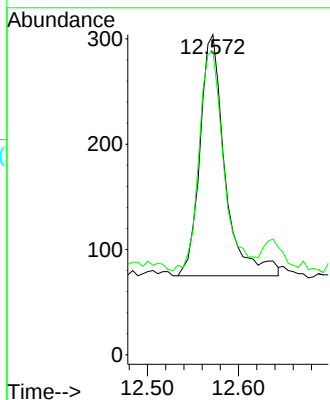
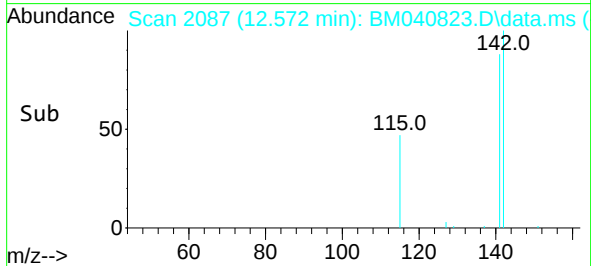
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:142 Resp: 436
Ion Ratio Lower Upper
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141 90.4 73.7 110.5

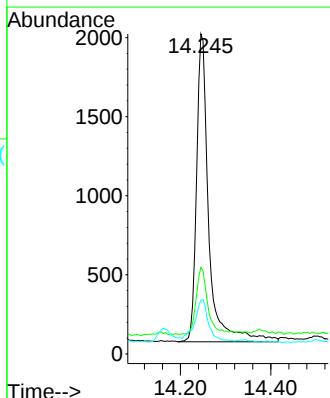
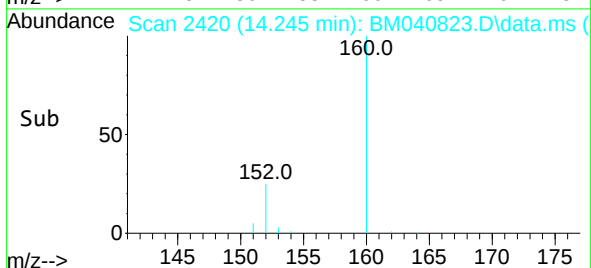
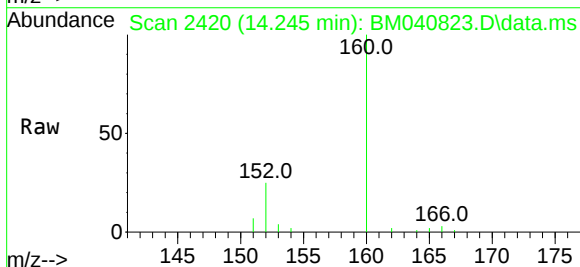
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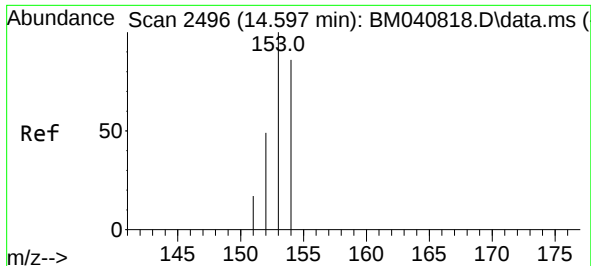
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

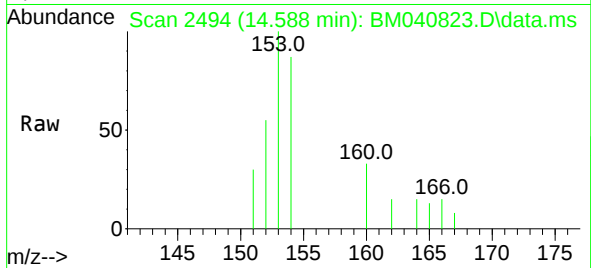
Tgt Ion:152 Resp: 3662
Ion Ratio Lower Upper
152 100
151 27.0 16.2 24.2#
153 16.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.588 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

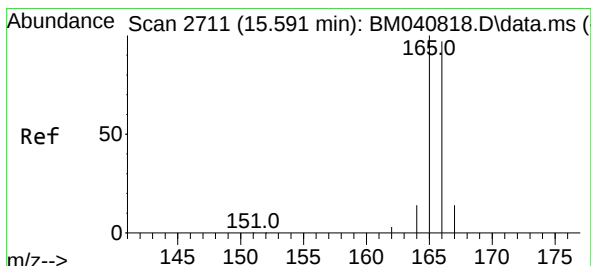
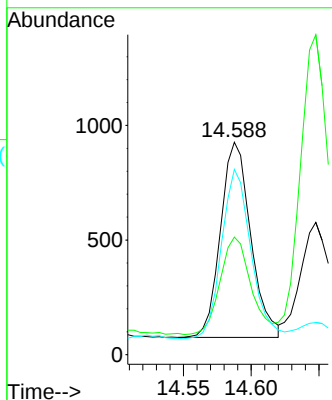
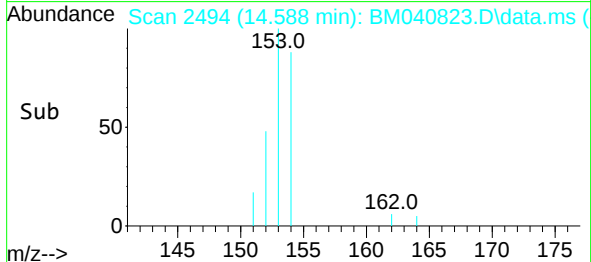
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:153 Resp: 1320
Ion Ratio Lower Upper
153 100
152 55.3 41.0 61.4
154 87.2 70.8 106.2

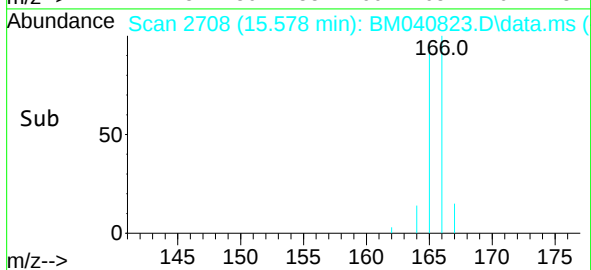
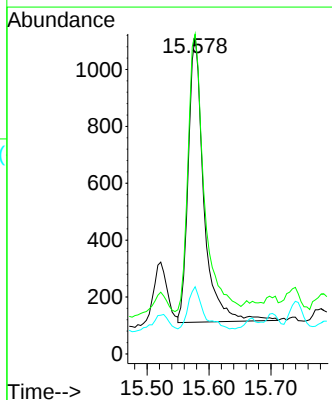
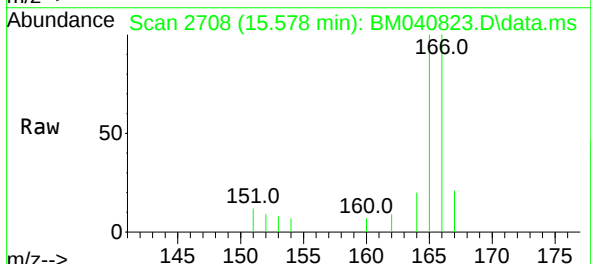
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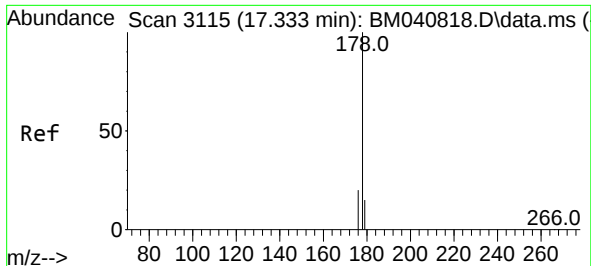
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.578 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

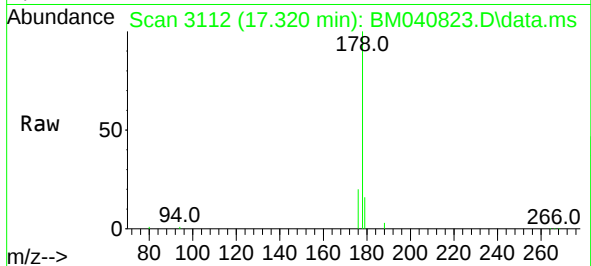
Tgt Ion:166 Resp: 1755
Ion Ratio Lower Upper
166 100
165 100.4 79.6 119.4
167 21.1 11.4 17.0#





#15
Phenanthrene
Concen: 1.032 ng/u1
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

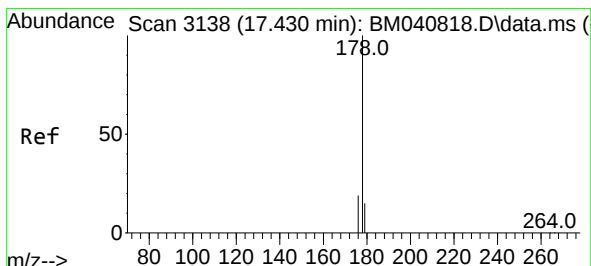
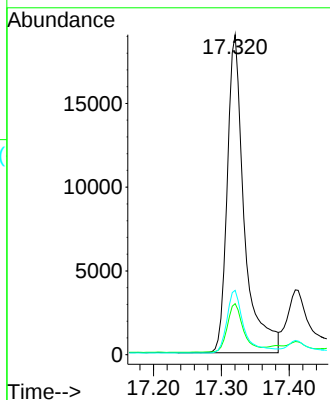
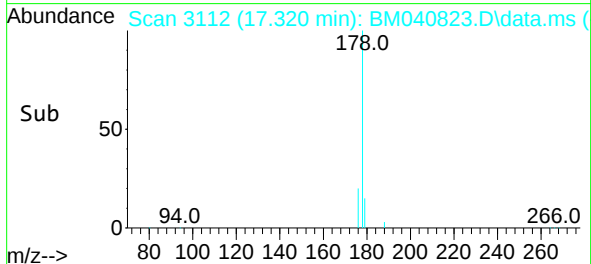
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:178 Resp: 3316
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.1 16.4 24.6

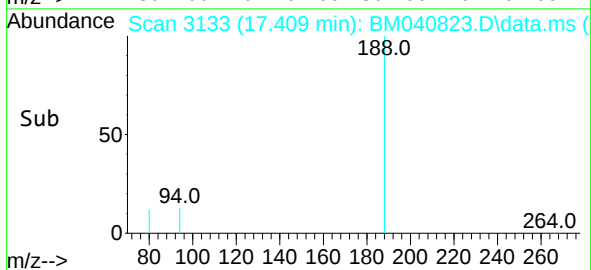
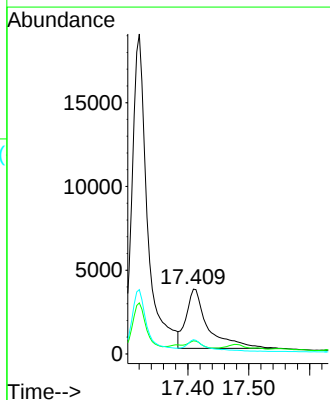
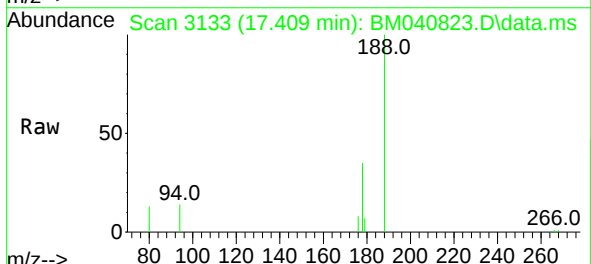
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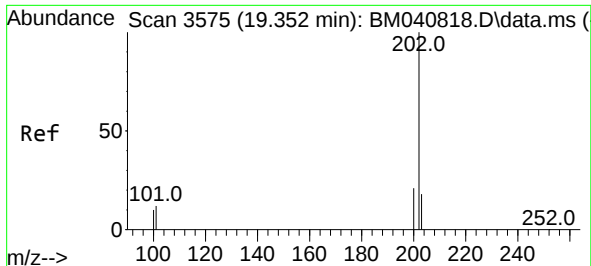
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 0.327 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.021 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

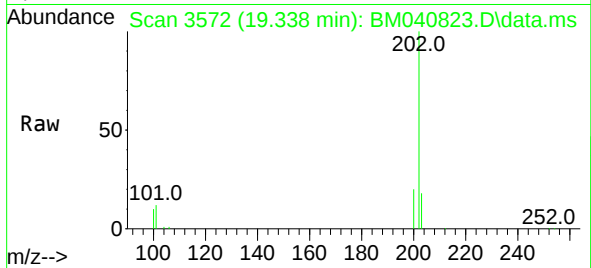
Tgt Ion:178 Resp: 8836
Ion Ratio Lower Upper
178 100
179 20.2 12.9 19.3#
176 21.9 15.8 23.6





#19
Fluoranthene
Concen: 2.597 ng/u1
RT: 19.338 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

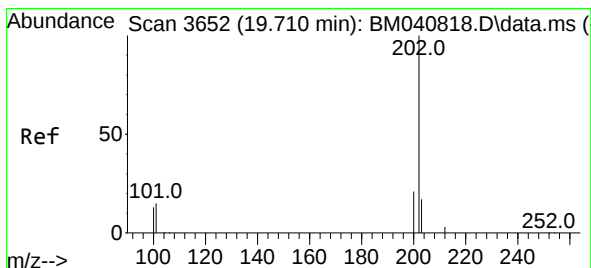
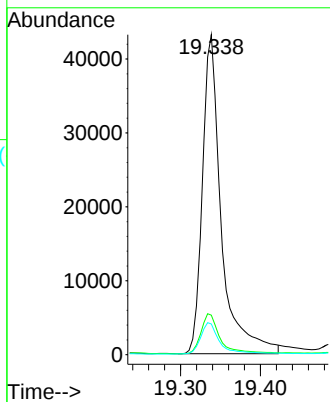
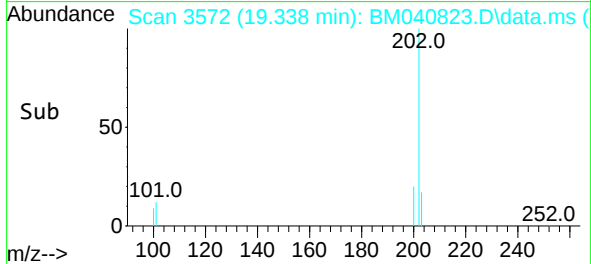
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:202 Resp: 71075
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.6 8.7 13.1

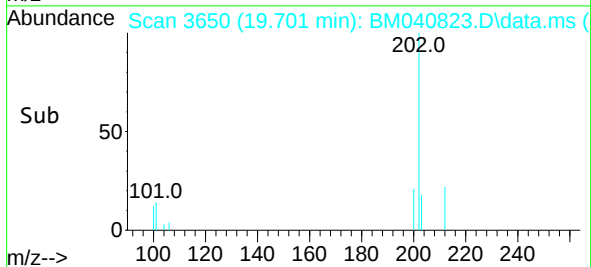
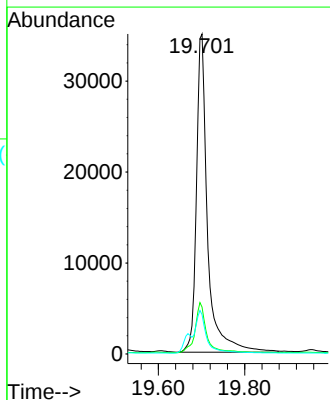
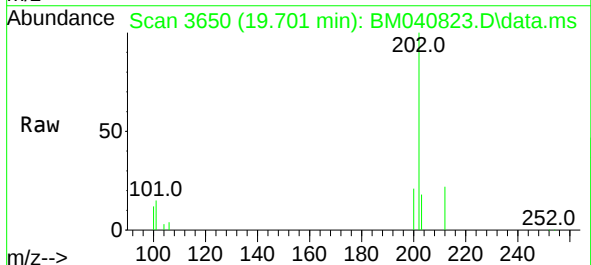
Manual Integrations
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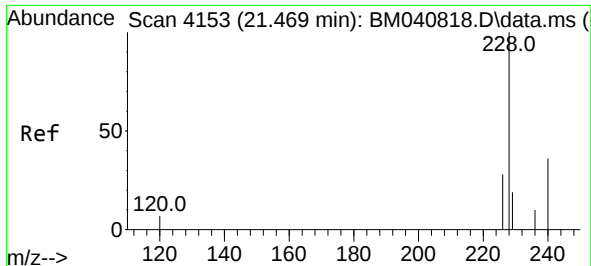
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#20
Pyrene
Concen: 2.134 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

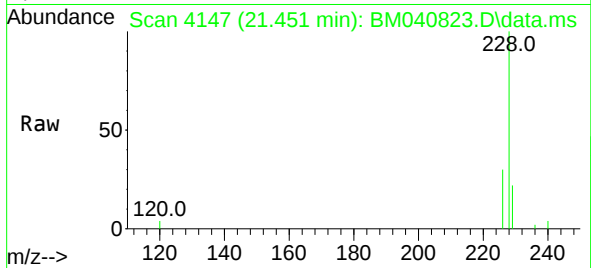
Tgt Ion:202 Resp: 62624
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.537 ng/u1
RT: 21.451 min Scan# 4153
Delta R.T. -0.017 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

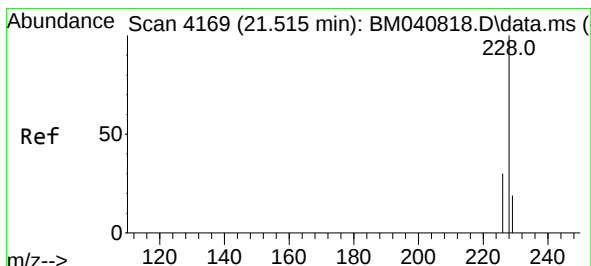
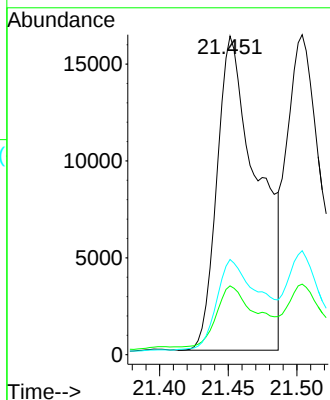
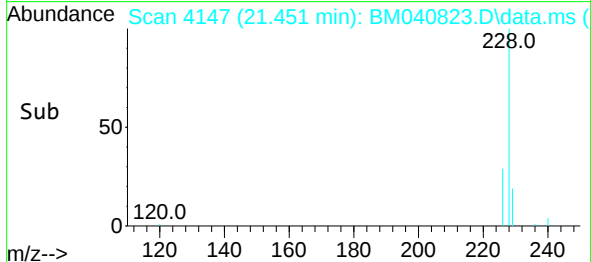
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:228 Resp: 33499
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 29.9 22.3 33.5

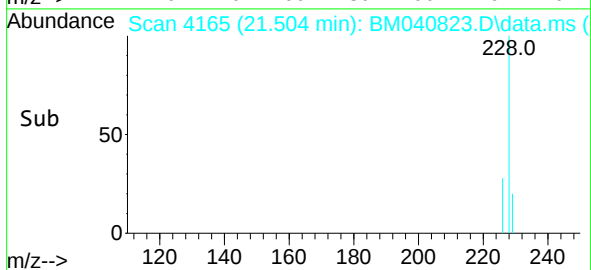
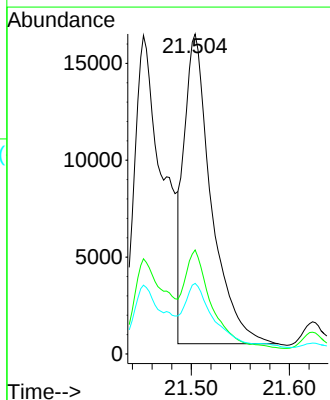
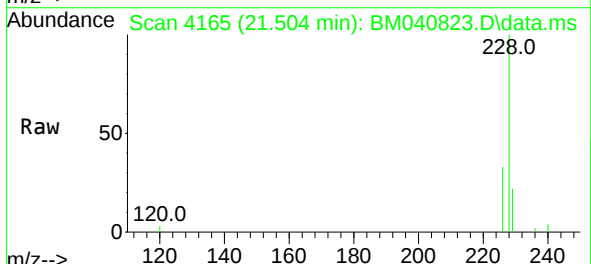
Manual Integrations
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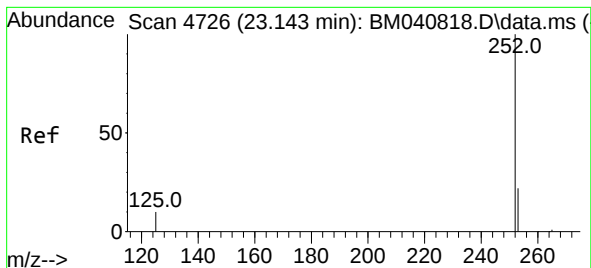
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 1.239 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

Tgt Ion:228 Resp: 30804
Ion Ratio Lower Upper
228 100
226 32.5 24.9 37.3
229 22.1 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 2.413 ng/ul

RT: 23.132 min Scan# 4725

Delta R.T. -0.012 min

Lab File: BM040823.D

Acq: 11 Jul 2023 22:24

Instrument :

BNA_M

ClientSampleId :

A46G3

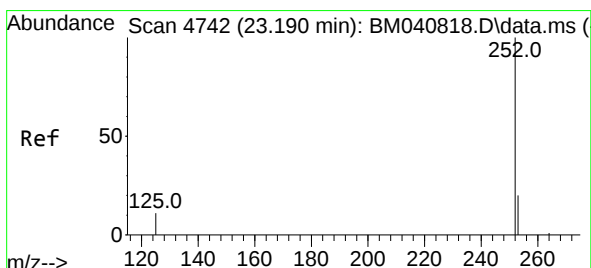
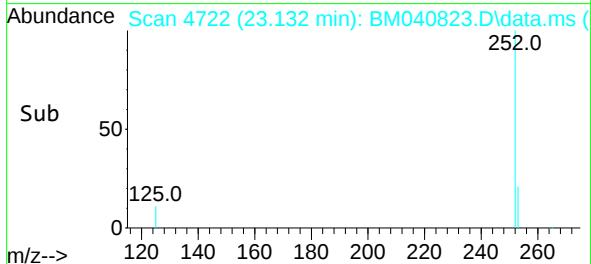
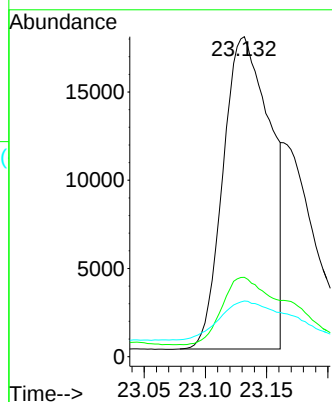
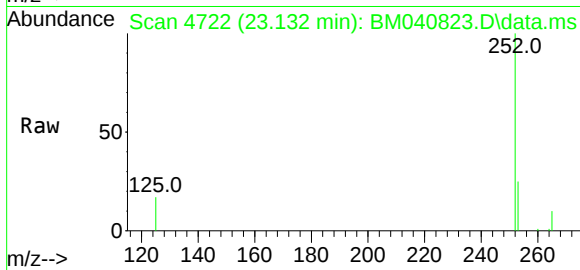
Tgt Ion:252	Resp:	4725
Ion Ratio	Lower	Upper
252	100	
253	24.8	0.0 52.8
125	17.4	0.0 43.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#25

Benzo(k)fluoranthene

Concen: 1.147 ng/ul m

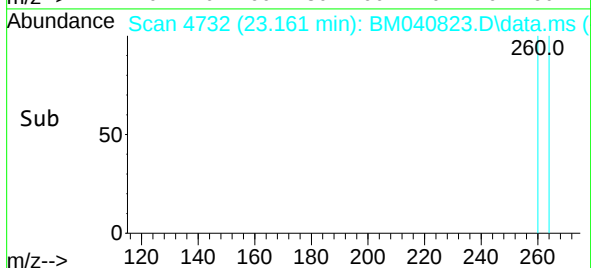
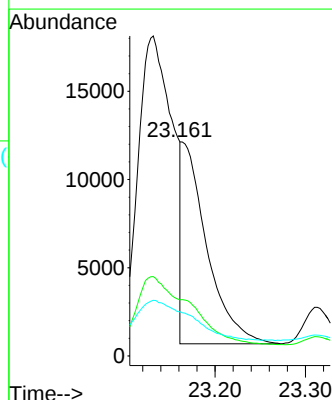
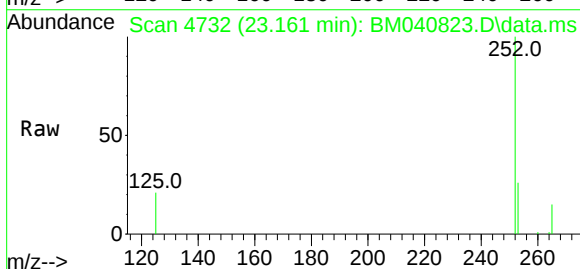
RT: 23.161 min Scan# 4732

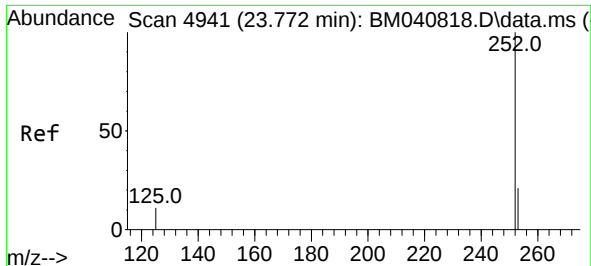
Delta R.T. -0.029 min

Lab File: BM040823.D

Acq: 11 Jul 2023 22:24

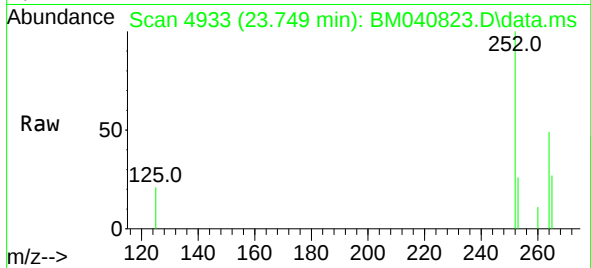
Tgt Ion:252	Resp:	22134
Ion Ratio	Lower	Upper
252	100	
253	26.2	21.2 31.8
125	20.6	16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.655 ng/ul
RT: 23.749 min Scan# 4941
Delta R.T. -0.023 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

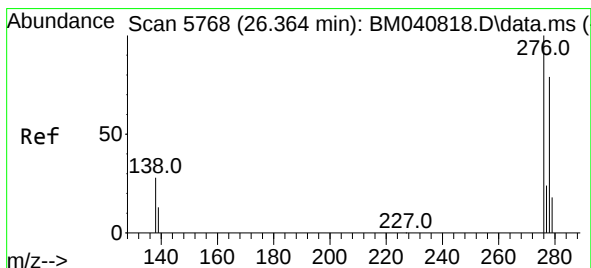
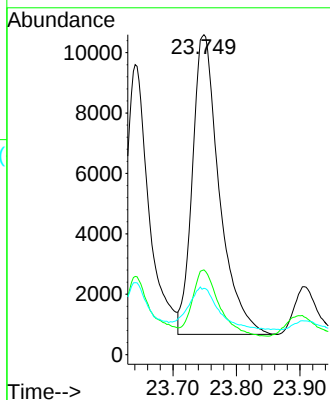
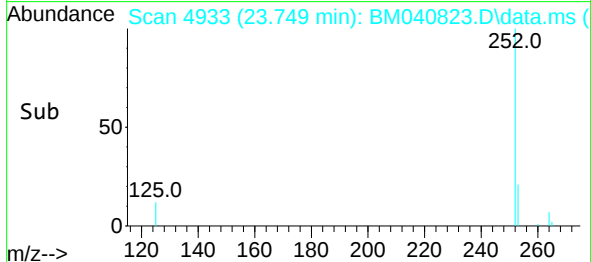
Instrument :
BNA_M
ClientSampleId :
A46G3



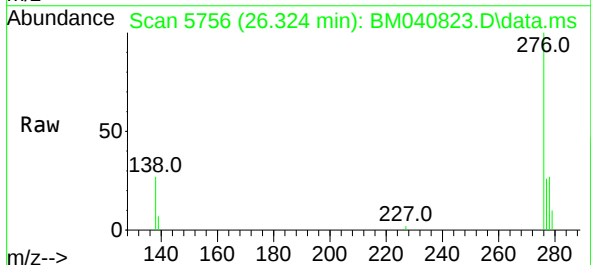
Tgt Ion:252 Resp: 2919
Ion Ratio Lower Upper
252 100
253 26.5 22.9 34.3
125 20.8 21.0 31.4

Manual Integrations
APPROVED

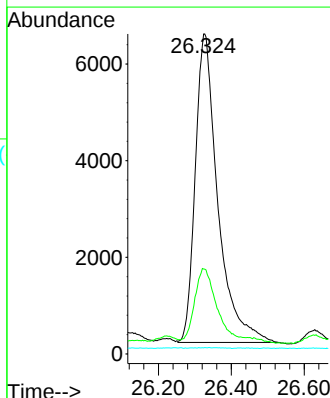
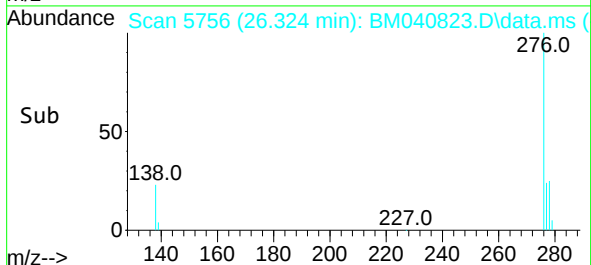
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

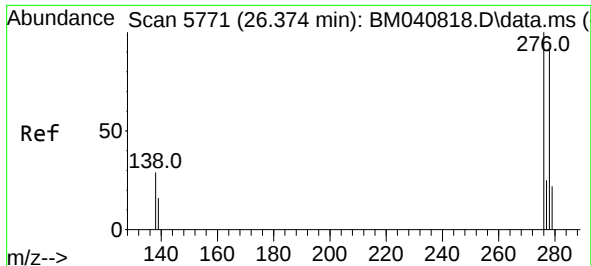


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.117 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.040 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24



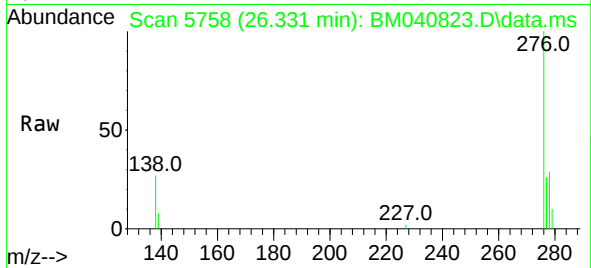
Tgt Ion:276 Resp: 27444
Ion Ratio Lower Upper
276 100
138 25.5 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.331 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

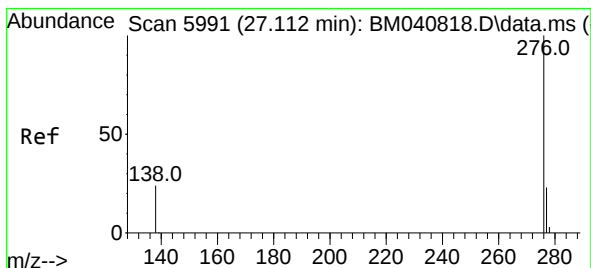
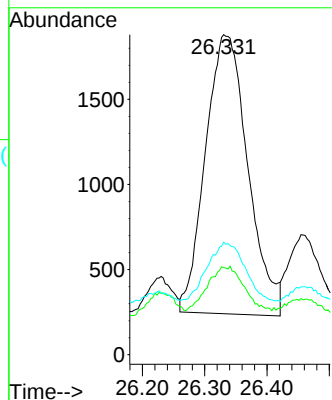
Instrument :
BNA_M
ClientSampleId :
A46G3



Tgt Ion:278 Resp: 7769
Ion Ratio Lower Upper
278 100
139 27.3 17.9 26.9#
279 35.2 22.0 33.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#29
Benzo(g,h,i)perylene
Concen: 0.222 ng/ul
RT: 27.085 min Scan# 5983
Delta R.T. -0.027 min
Lab File: BM040823.D
Acq: 11 Jul 2023 22:24

Tgt Ion:276 Resp: 4774
Ion Ratio Lower Upper
276 100
138 36.6 23.0 34.6#
277 33.6 20.3 30.5#

