

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040825.D
 Acq On : 12 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03414-01DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4636DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 06:09:28 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	3792	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	13771	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	6267	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	10468	0.400	ng/ul	-0.01
17) Chrysene-d12	21.466	240	6866	0.400	ng/ul	-0.02
23) Perylene-d12	23.854	264	5268	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2141	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	394	0.020	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	516	0.023	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	9805	0.258	ng/ul	97
7) 2-Methylnaphthalene	12.352	142	2468	0.111	ng/ul	98
8) 1-Methylnaphthalene	12.572	142	1772	0.079	ng/ul	98
10) Acenaphthylene	14.245	152	1709	0.061	ng/ul#	73
11) Acenaphthene	14.588	153	6633	0.281	ng/ul	97
12) Fluorene	15.578	166	7420	0.294	ng/ul	99
15) Phenanthrene	17.320	178	99543	3.061	ng/ul	98
16) Anthracene	17.409	178	21716	0.795	ng/ul	98
19) Fluoranthene	19.338	202	107887	3.699	ng/ul	95
20) Pyrene	19.696	202	107580	3.441	ng/ul	99
21) Benzo(a)anthracene	21.451	228	40992	1.765	ng/ul	98
22) Chrysene	21.504	228	40263	1.520	ng/ul	98
24) Benzo(b)fluoranthene	23.132	252	37966	1.862	ng/ul	94
25) Benzo(k)fluoranthene	23.161	252	20959m	1.043	ng/ul	
26) Benzo(a)pyrene	23.752	252	25958	1.414	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.327	276	17752	0.694	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.334	278	4525	0.226	ng/ul#	85
29) Benzo(g,h,i)perylene	27.092	276	3035	0.135	ng/ul#	78

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

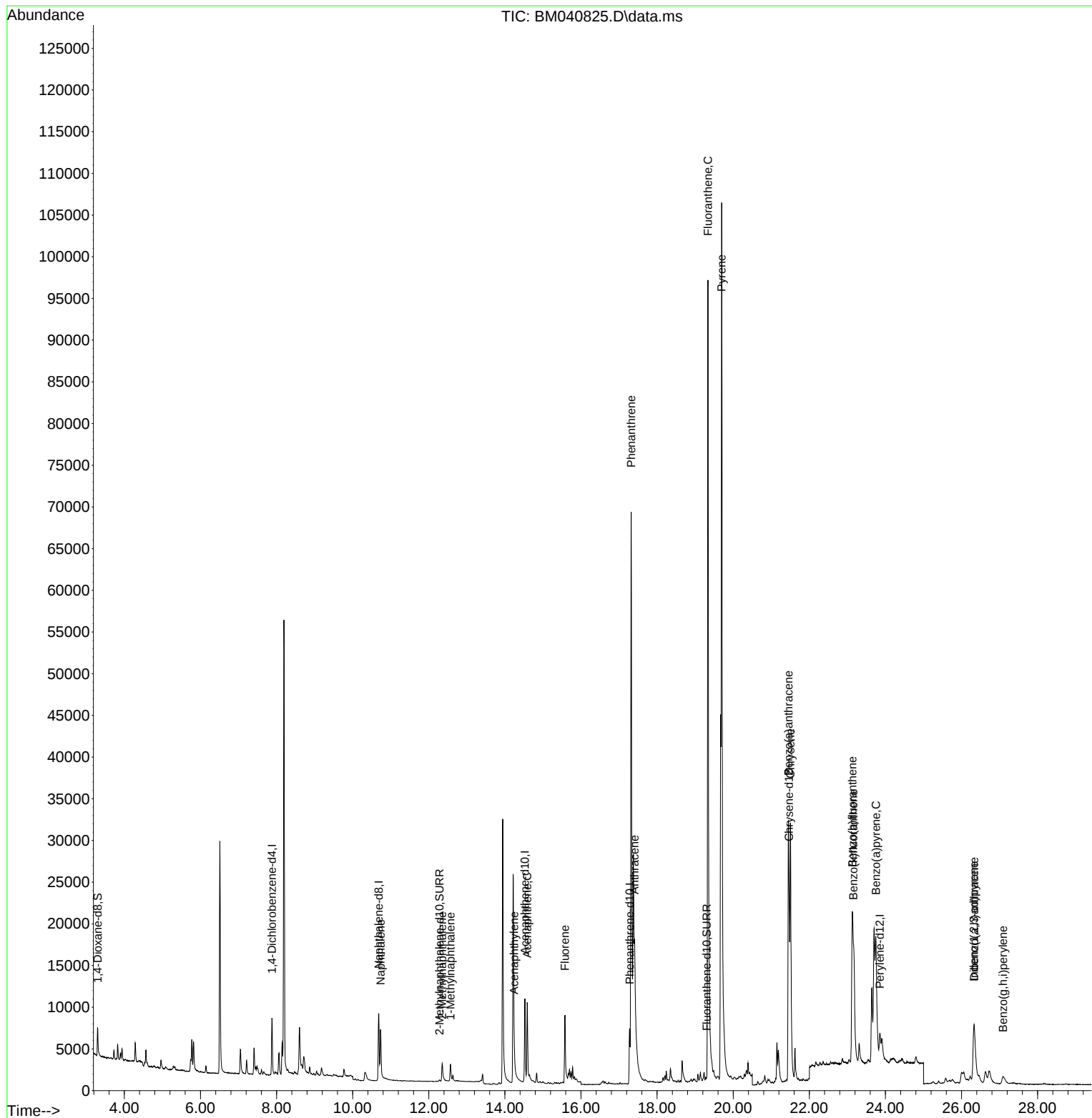
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040825.D
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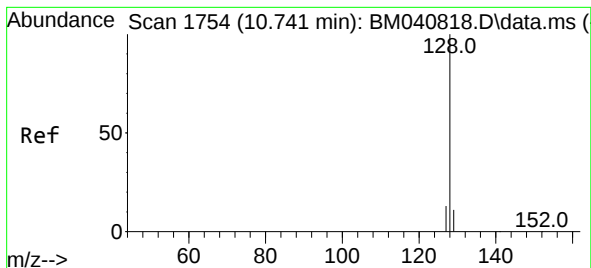
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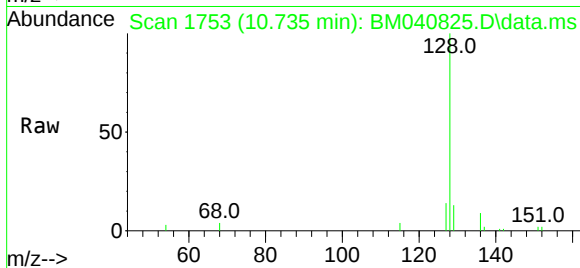
Quant Time: Jul 12 06:09:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.258 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

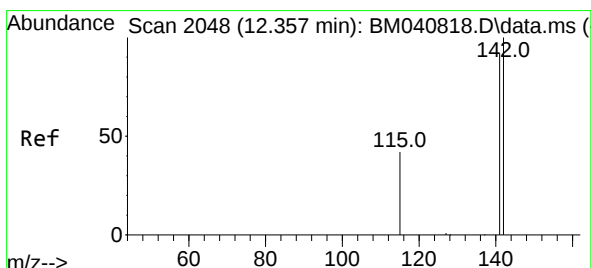
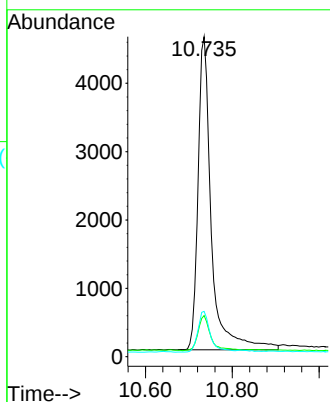
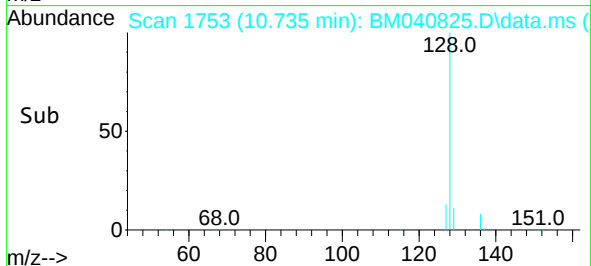
Instrument :
BNA_M
ClientSampleId :
A4636DL



Tgt Ion:128 Resp: 980
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 14.1 10.6 15.8

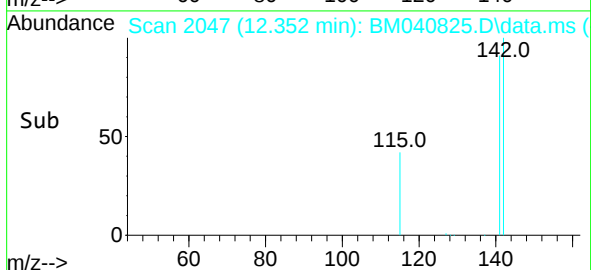
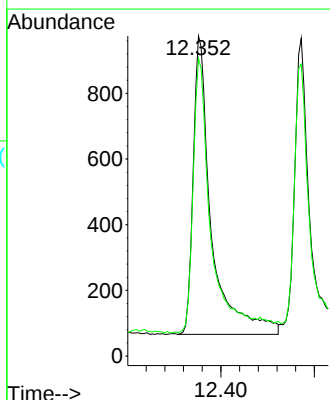
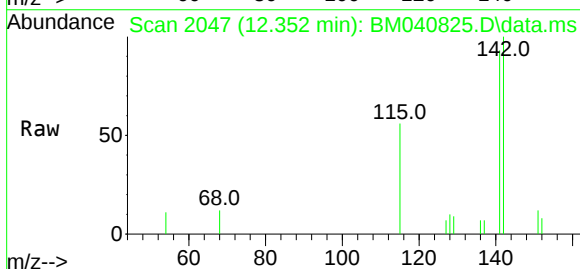
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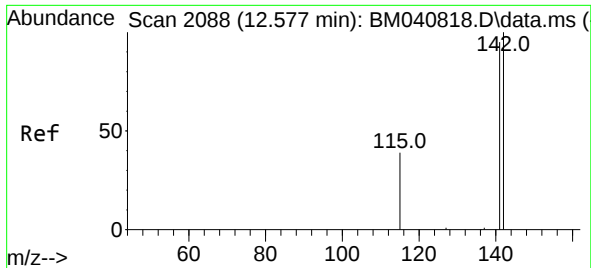
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

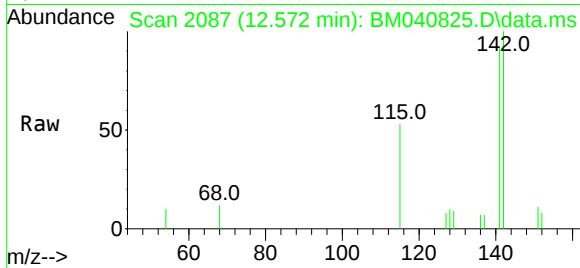
Tgt Ion:142 Resp: 2468
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.079 ng/u1
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

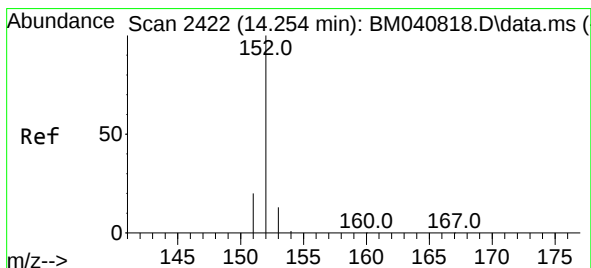
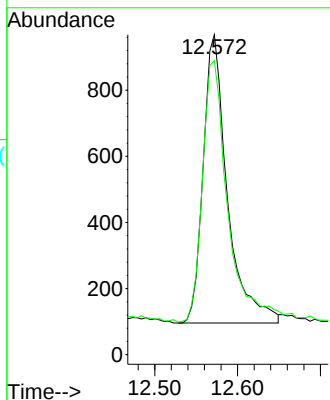
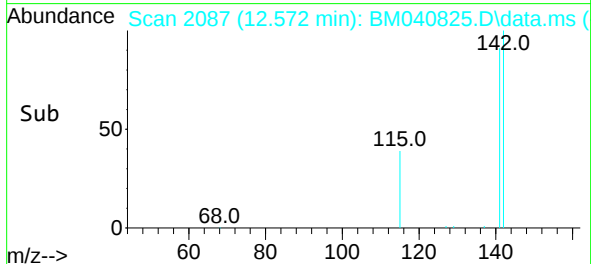
Instrument :
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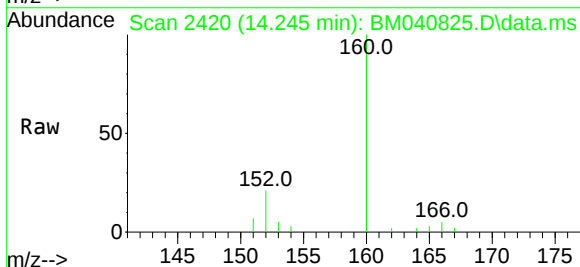
Tgt Ion:142 Resp: 1772
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5

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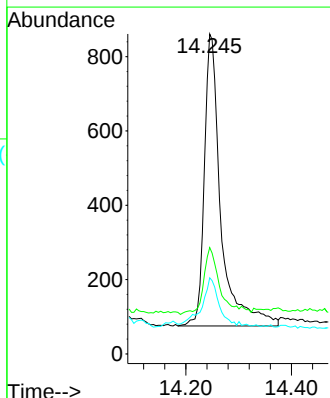
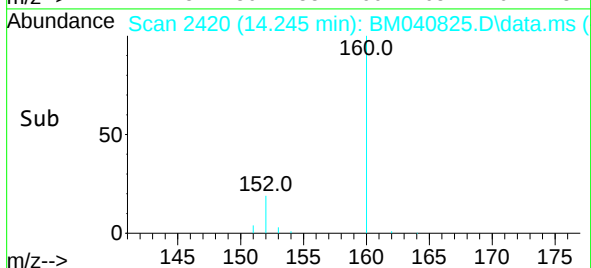
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

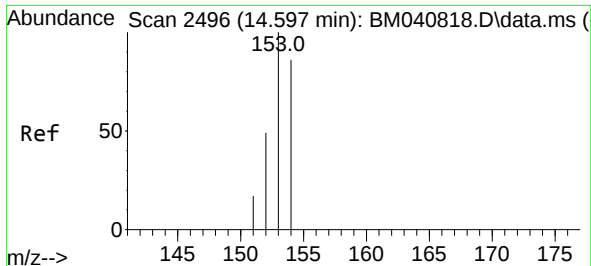


#10
Acenaphthylene
Concen: 0.061 ng/u1
RT: 14.245 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53



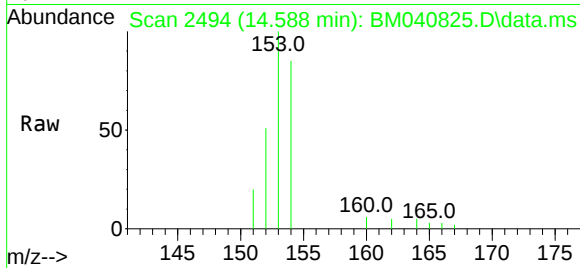
Tgt Ion:152 Resp: 1709
Ion Ratio Lower Upper
152 100
151 33.2 16.2 24.2#
153 23.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.588 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

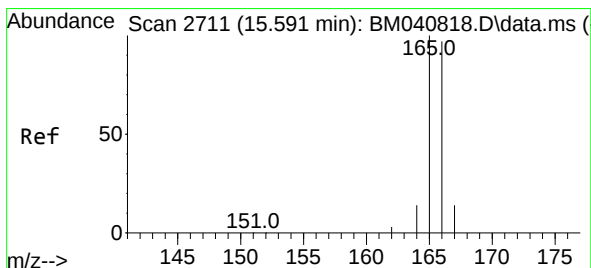
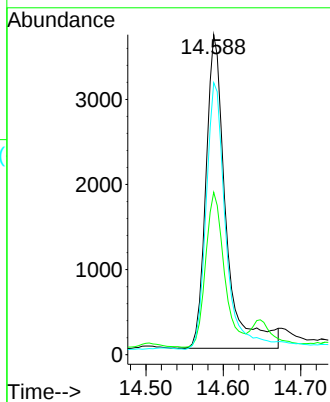
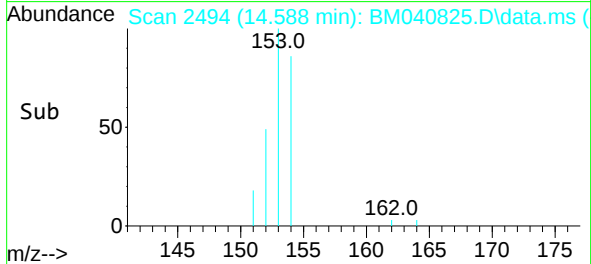
Instrument :
BNA_M
ClientSampleId :
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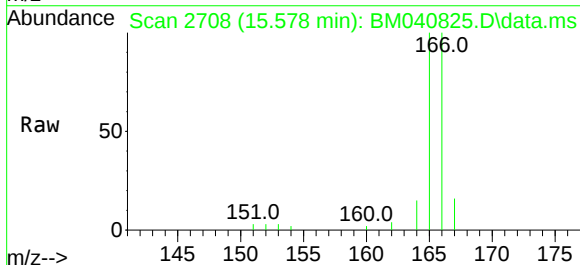
Tgt Ion:153 Resp: 663
Ion Ratio Lower Upper
153 100
152 50.8 41.0 61.4
154 85.0 70.8 106.2

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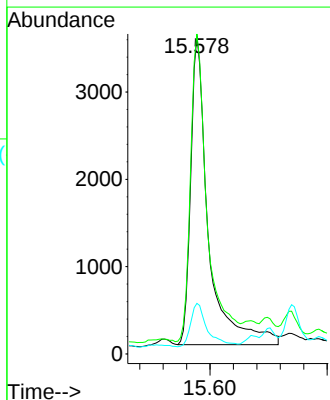
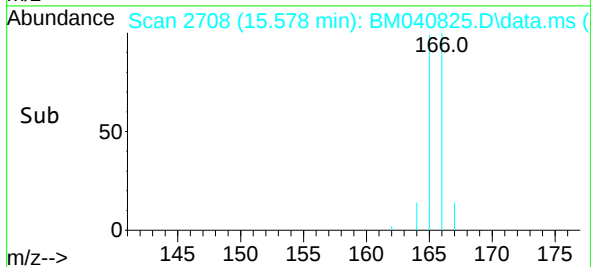
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

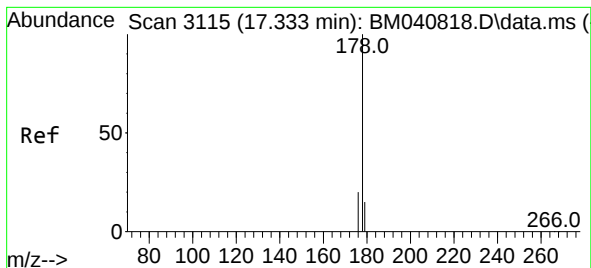


#12
Fluorene
Concen: 0.294 ng/ul
RT: 15.578 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53



Tgt Ion:166 Resp: 7420
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 15.9 11.4 17.0





#15

Phenanthrene

Concen: 3.061 ng/u1

RT: 17.320 min Scan# 3115

Delta R.T. -0.013 min

Lab File: BM040825.D

Acq: 12 Jul 2023 00:53

Instrument :

BNA_M

ClientSampleId :

A4636DL

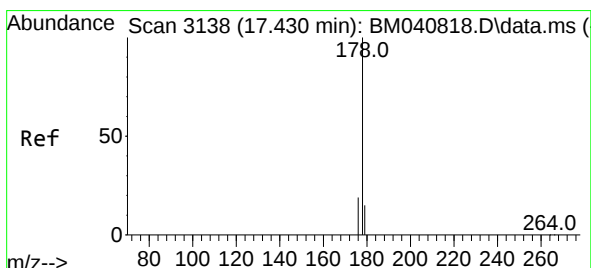
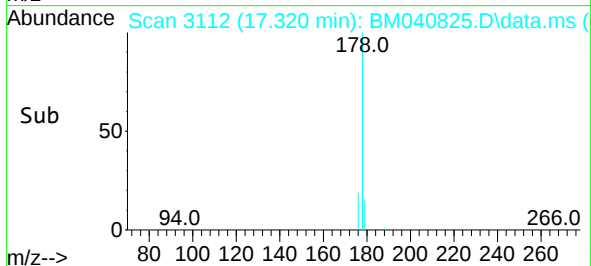
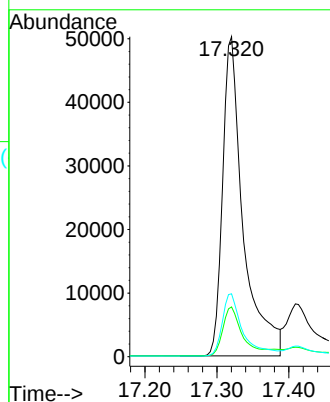
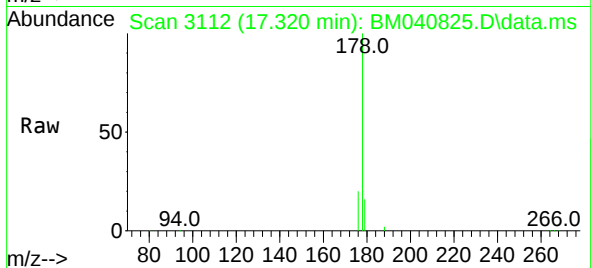
Tgt Ion:178	Resp:	9954
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.8 19.2
176	19.6	16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/12/2023



#16

Anthracene

Concen: 0.795 ng/u1

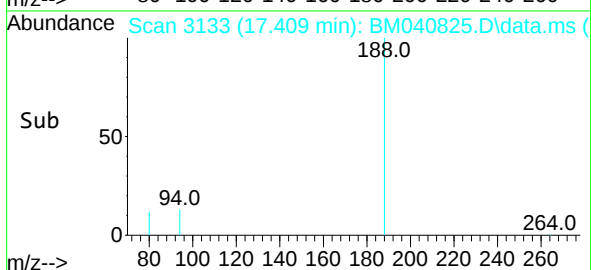
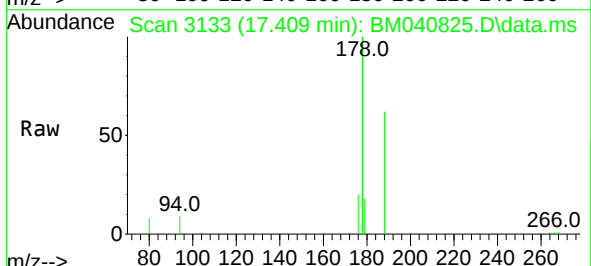
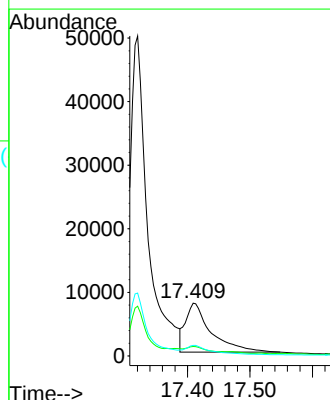
RT: 17.409 min Scan# 3133

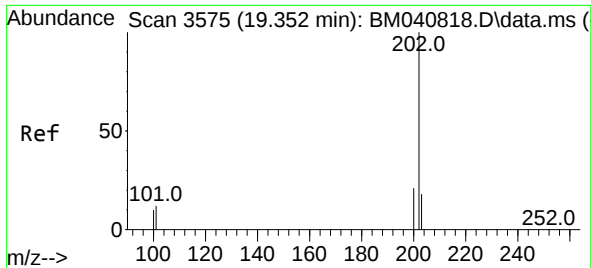
Delta R.T. -0.021 min

Lab File: BM040825.D

Acq: 12 Jul 2023 00:53

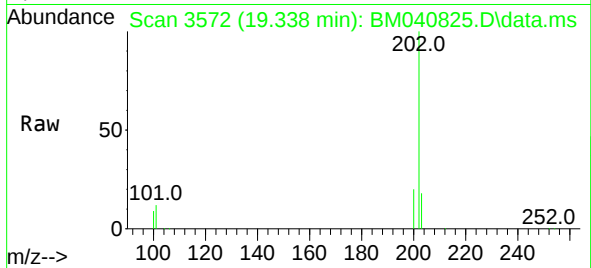
Tgt Ion:178	Resp:	21716
Ion Ratio	Lower	Upper
178	100	
179	17.9	12.9 19.3
176	20.2	15.8 23.6





#19
Fluoranthene
Concen: 3.699 ng/u1
RT: 19.338 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

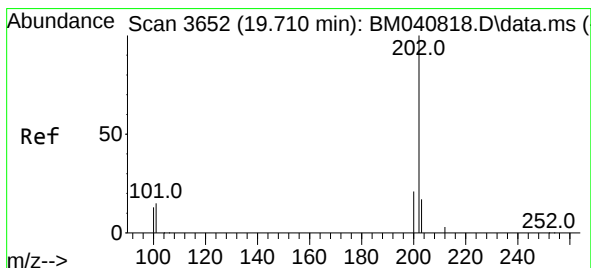
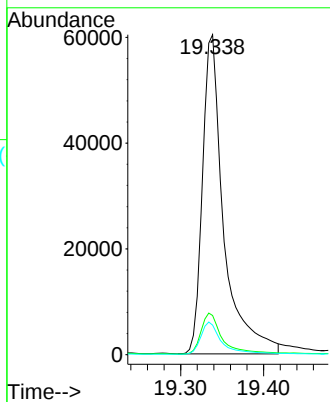
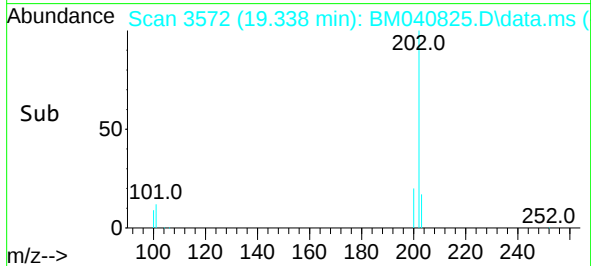
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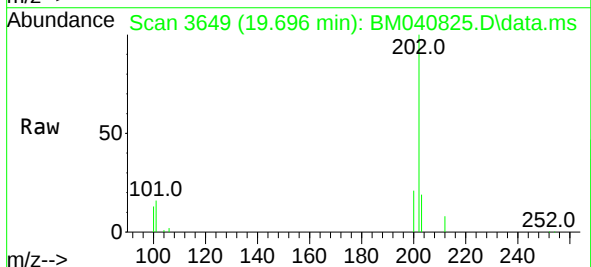
Tgt Ion:202 Resp: 10788
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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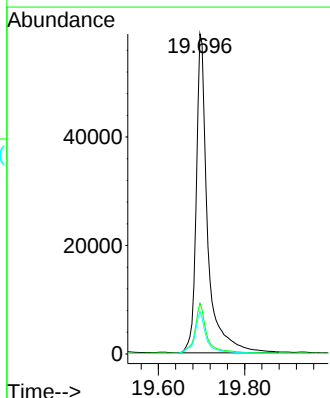
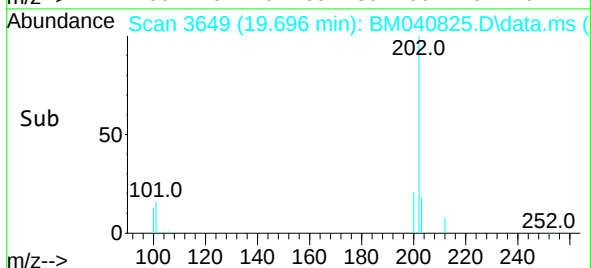
Reviewed By :Yogesh Patel 07/12/2023
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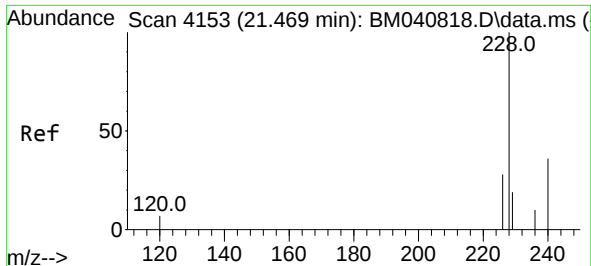


#20
Pyrene
Concen: 3.441 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.014 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53



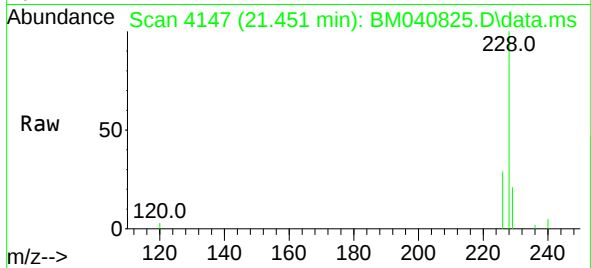
Tgt Ion:202 Resp: 107580
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.765 ng/ul
RT: 21.451 min Scan# 4153
Delta R.T. -0.017 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

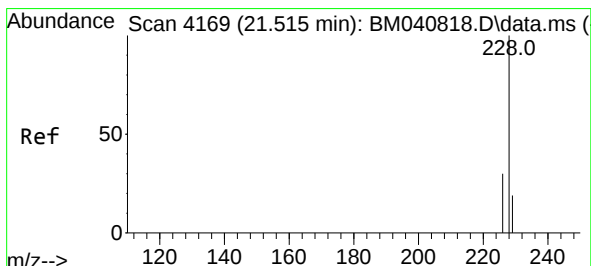
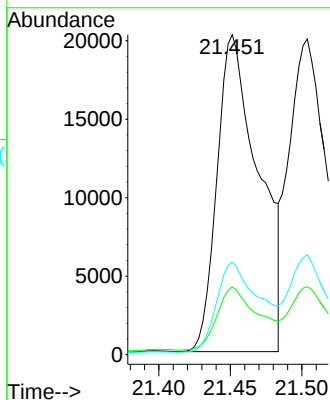
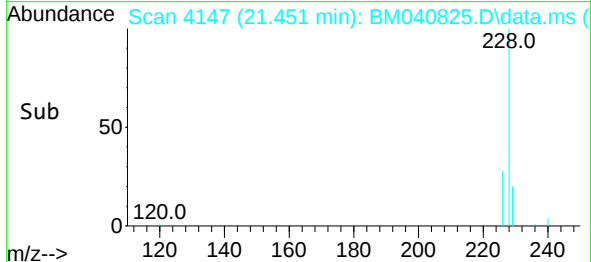
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Tgt Ion:228 Resp: 40992
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.9 22.3 33.5

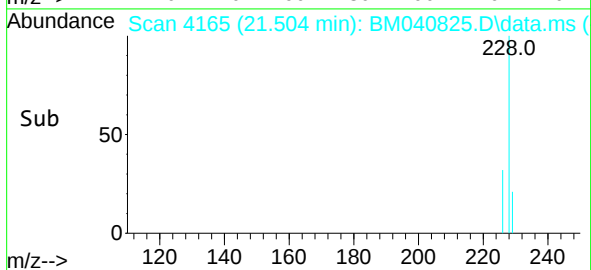
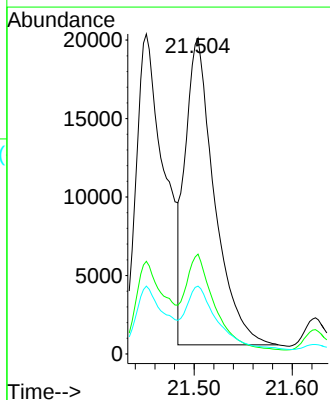
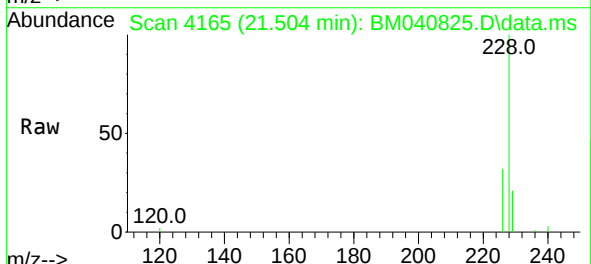
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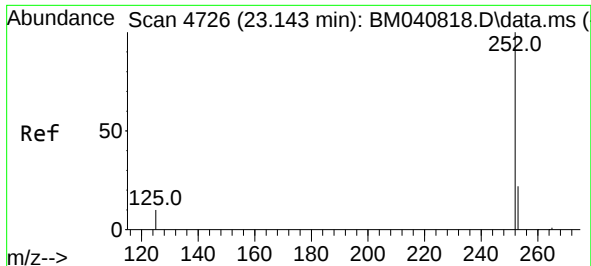
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 1.520 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

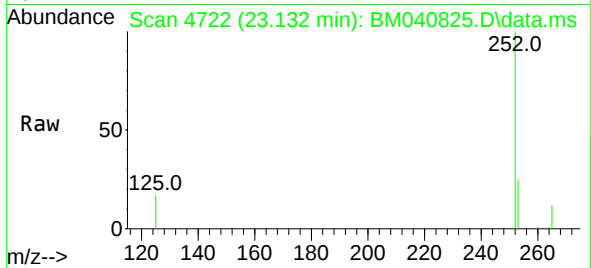
Tgt Ion:228 Resp: 40263
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.862 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.012 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

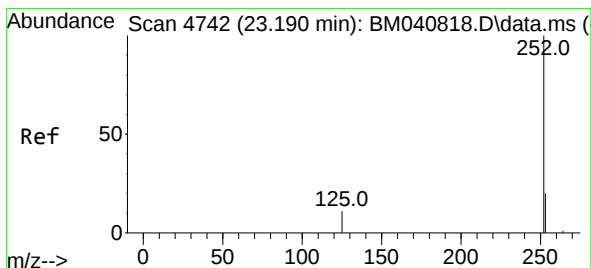
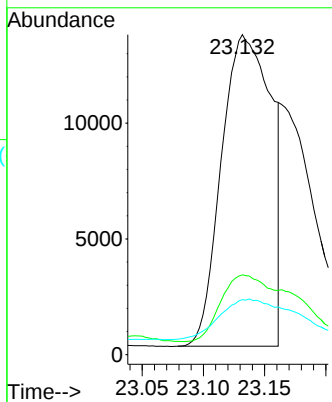
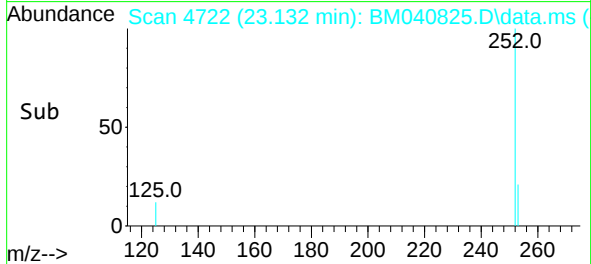
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 37960
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.8
125 17.2 0.0 43.0

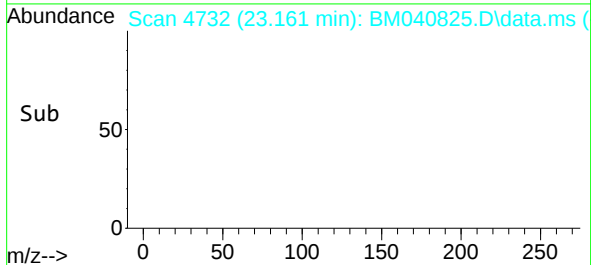
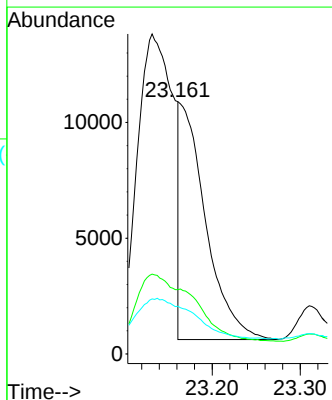
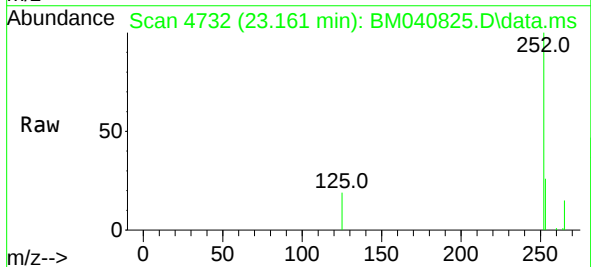
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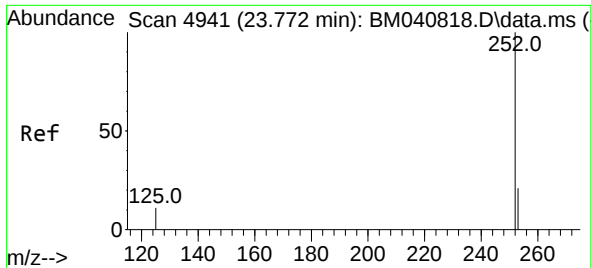
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 1.043 ng/ul m
RT: 23.161 min Scan# 4732
Delta R.T. -0.029 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

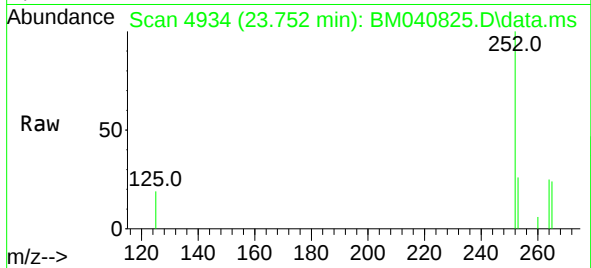
Tgt Ion:252 Resp: 20959
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 18.9 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.414 ng/ul
RT: 23.752 min Scan# 4941
Delta R.T. -0.020 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

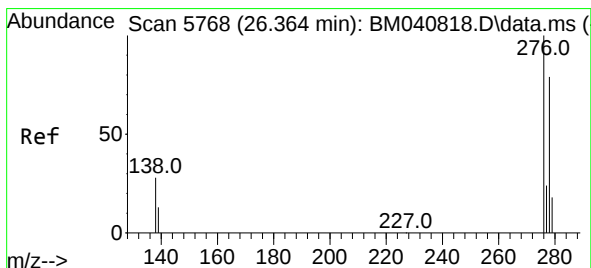
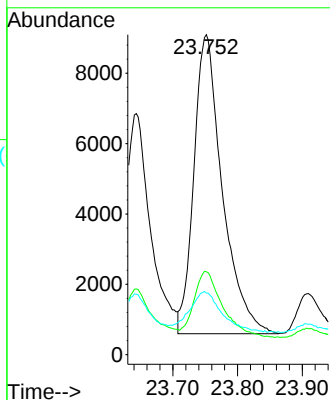
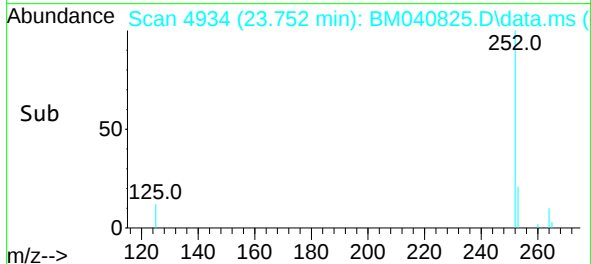
Instrument :
BNA_M
ClientSampleId :
A4636DL



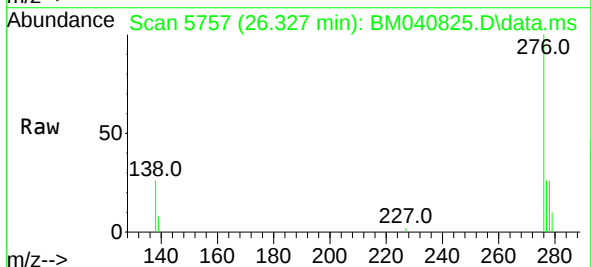
Tgt Ion:252 Resp: 25958
Ion Ratio Lower Upper
252 100
253 25.9 22.9 34.3
125 19.3 21.0 31.4

Manual Integrations
APPROVED

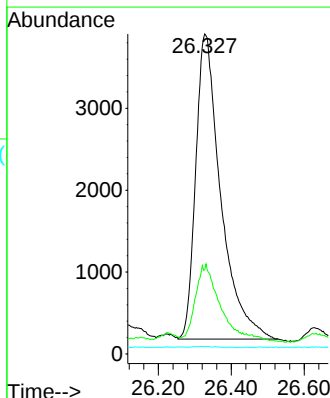
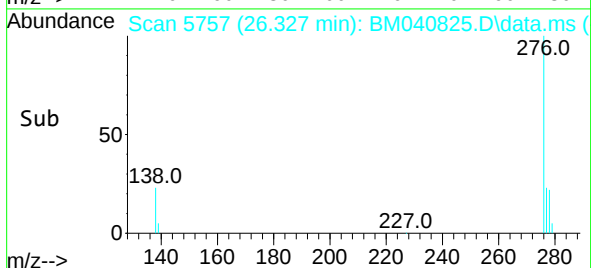
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

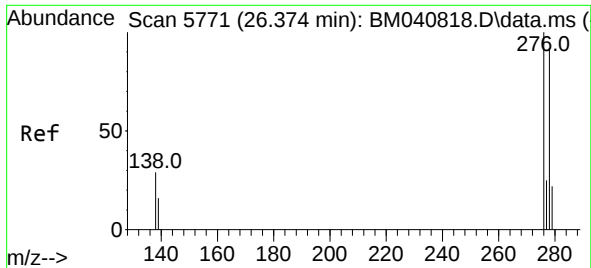


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.694 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.037 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53



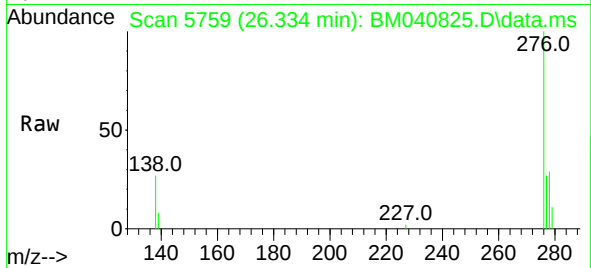
Tgt Ion:276 Resp: 17752
Ion Ratio Lower Upper
276 100
138 25.6 24.5 36.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 26.334 min Scan# 51
Delta R.T. -0.040 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

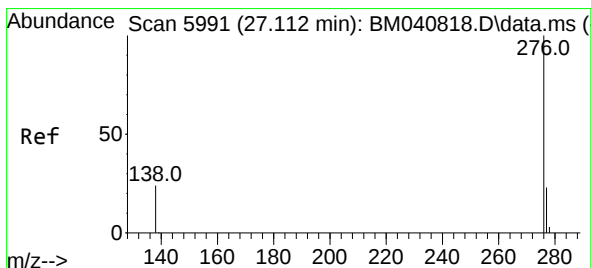
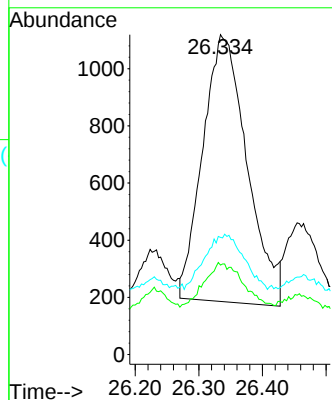
Instrument :
BNA_M
ClientSampleId :
A4636DL



Tgt Ion:278 Resp: 452
Ion Ratio Lower Upper
278 100
139 28.0 17.9 26.9
279 36.6 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: 0.135 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. -0.020 min
Lab File: BM040825.D
Acq: 12 Jul 2023 00:53

Tgt Ion:276 Resp: 3035
Ion Ratio Lower Upper
276 100
138 40.3 23.0 34.6#
277 36.7 20.3 30.5#

