

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040822.D
 Acq On : 11 Jul 2023 21:46
 Operator : MA/JU
 Sample : 03414-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G2

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 05:47:25 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	7.883	152	3289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	12186	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.527	164	5774	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.278	188	12469	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.469	240	7134	0.400	ng/ul	#-0.01
23) Perylene-d12	23.857	264	5898	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	11074	2.143	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	2439	0.143	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	3557	0.156	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	6299	0.187	ng/ul	95
7) 2-Methylnaphthalene	12.352	142	977	0.049	ng/ul	94
8) 1-Methylnaphthalene	12.572	142	550	0.028	ng/ul	98
10) Acenaphthylene	14.245	152	2458	0.095	ng/ul#	81
11) Acenaphthene	14.588	153	495	0.023	ng/ul#	92
12) Fluorene	15.573	166	907	0.039	ng/ul#	92
15) Phenanthrene	17.316	178	11953	0.309	ng/ul	97
16) Anthracene	17.409	178	2066	0.063	ng/ul#	84
19) Fluoranthene	19.338	202	30227	0.997	ng/ul	97
20) Pyrene	19.701	202	31344	0.965	ng/ul	98
21) Benzo(a)anthracene	21.451	228	13264	0.550	ng/ul#	89
22) Chrysene	21.504	228	12129	0.441	ng/ul#	92
24) Benzo(b)fluoranthene	23.135	252	14308	0.627	ng/ul	86
25) Benzo(k)fluoranthene	23.164	252	7960m	0.354	ng/ul	
26) Benzo(a)pyrene	23.749	252	9150	0.445	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.327	276	6852	0.239	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.344	278	1779	0.079	ng/ul#	36
29) Benzo(g,h,i)perylene	27.095	276	982	0.039	ng/ul#	34

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

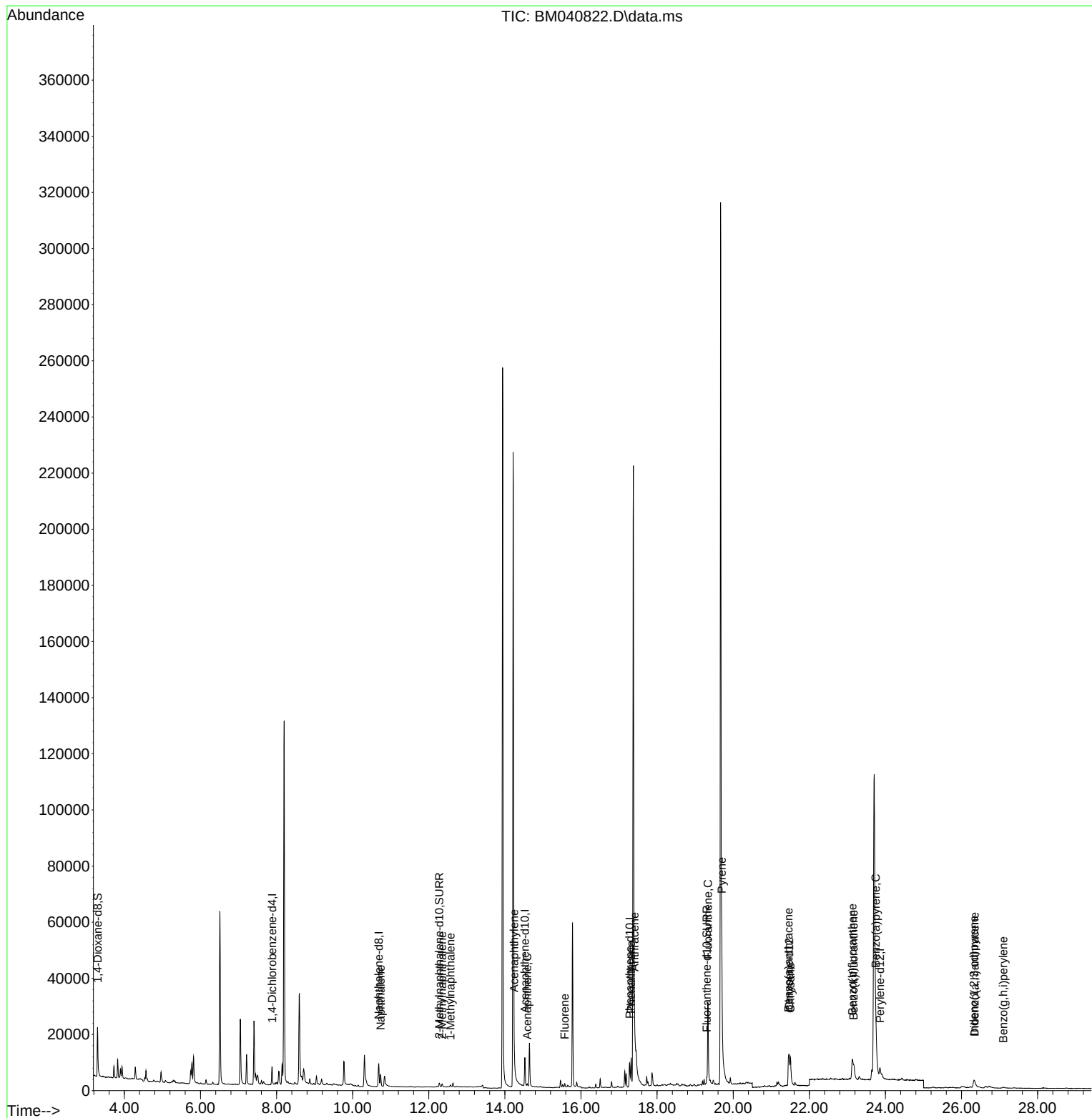
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040822.D
Acq On : 11 Jul 2023 21:46
Operator : MA/JU
Sample : 03414-08
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ALS Vial : 19 Sample Multiplier: 1

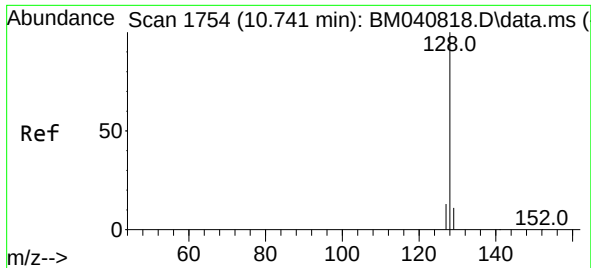
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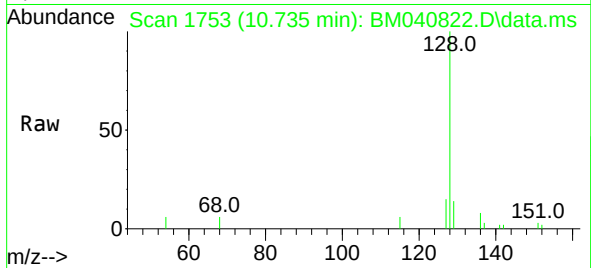
Quant Time: Jul 12 05:47:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.735 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

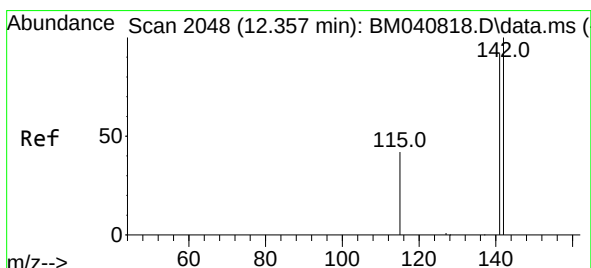
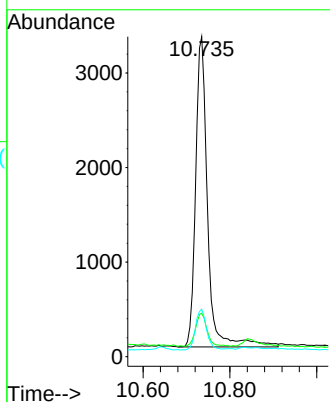
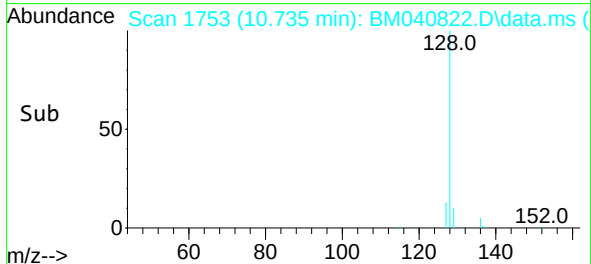
Instrument :
BNA_M
ClientSampleId :
A46G2



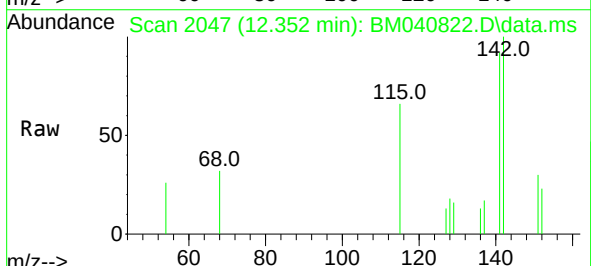
Tgt Ion:128 Resp: 6299
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 14.8 10.6 15.8

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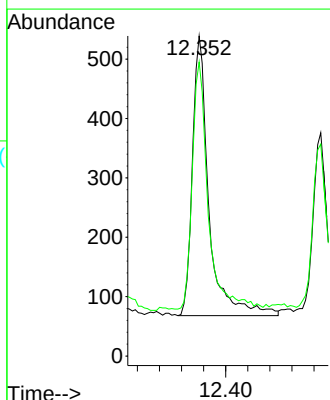
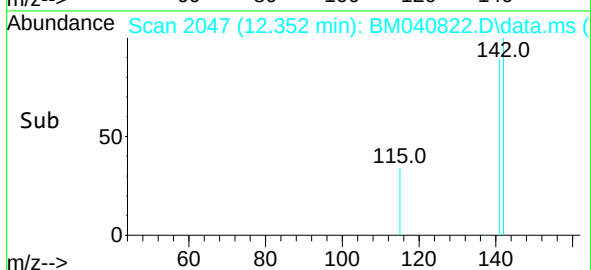
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

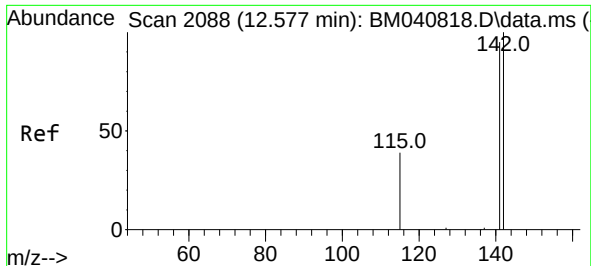


#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46



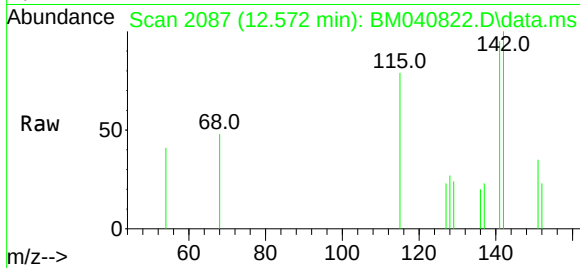
Tgt Ion:142 Resp: 977
Ion Ratio Lower Upper
142 100
141 84.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

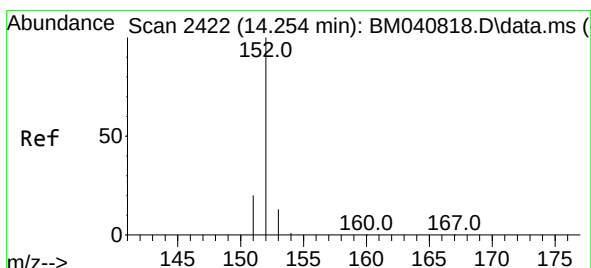
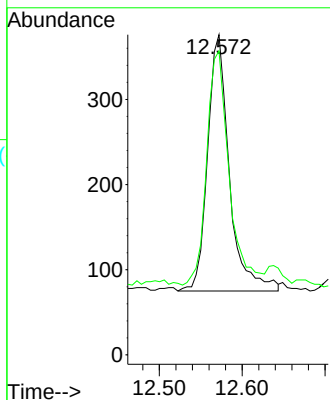
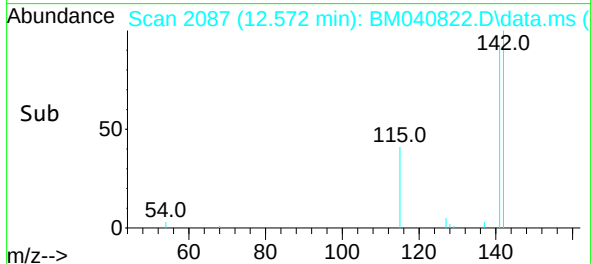
Instrument :
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Tgt Ion:142 Resp: 550
Ion Ratio Lower Upper
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141 93.6 73.7 110.5

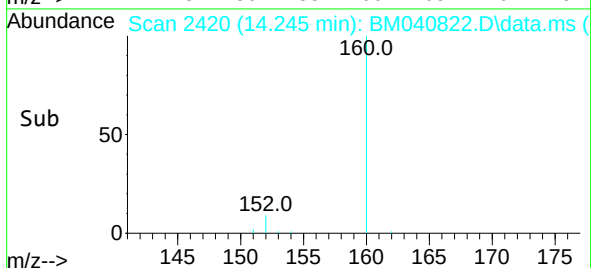
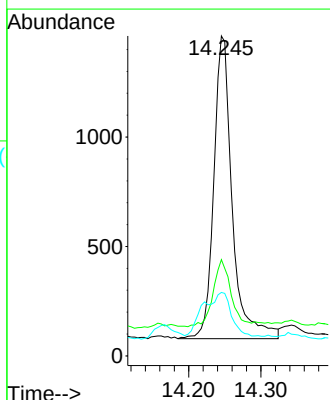
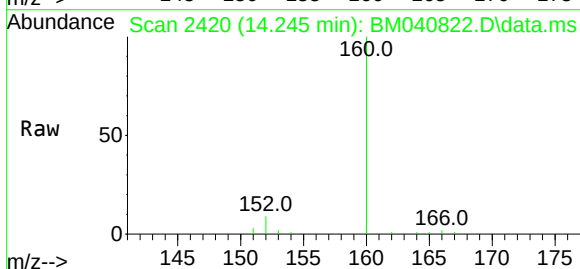
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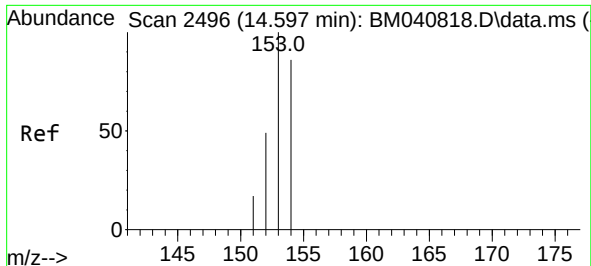
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

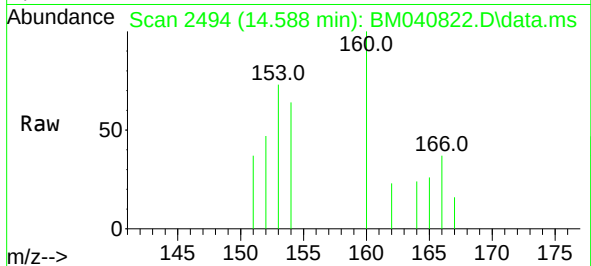
Tgt Ion:152 Resp: 2458
Ion Ratio Lower Upper
152 100
151 30.1 16.2 24.2#
153 19.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.588 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

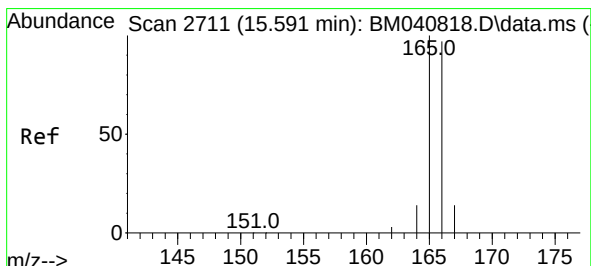
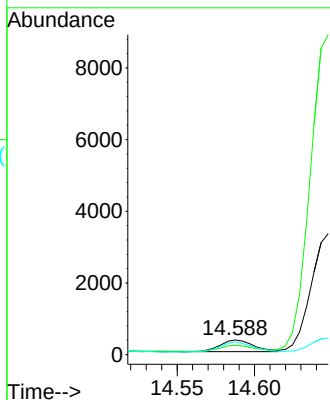
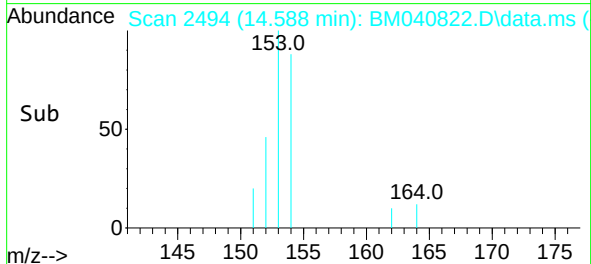
Instrument :
BNA_M
ClientSampleId :
A46G2



Tgt Ion:153 Resp: 495
Ion Ratio Lower Upper
153 100
152 64.1 41.0 61.4
154 87.3 70.8 106.2

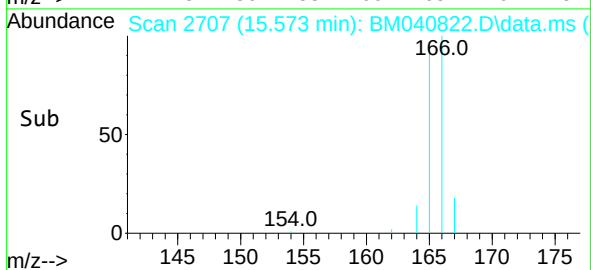
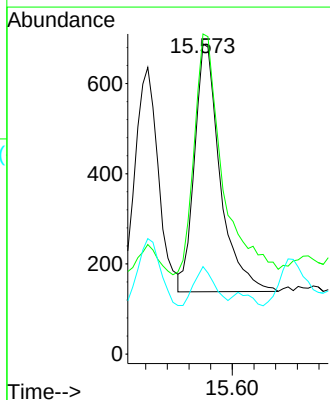
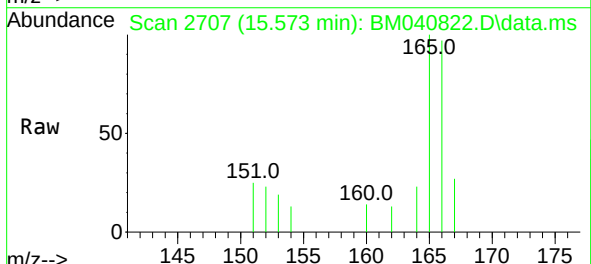
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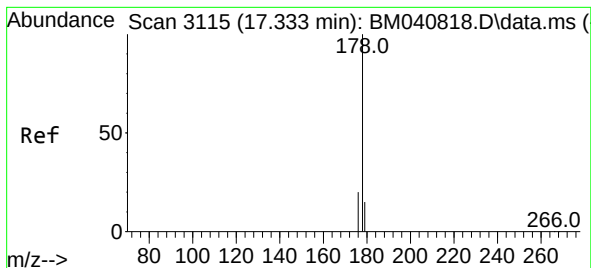
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. -0.018 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

Tgt Ion:166 Resp: 907
Ion Ratio Lower Upper
166 100
165 103.2 79.6 119.4
167 28.2 11.4 17.0#





#15

Phenanthrene

Concen: 0.309 ng/uI

RT: 17.316 min Scan# 3111

Delta R.T. -0.017 min

Lab File: BM040822.D

Acq: 11 Jul 2023 21:46

Instrument :

BNA_M

ClientSampleId :

A46G2

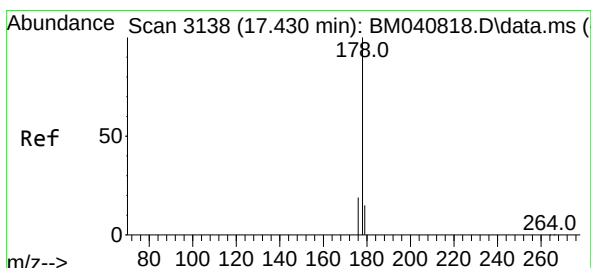
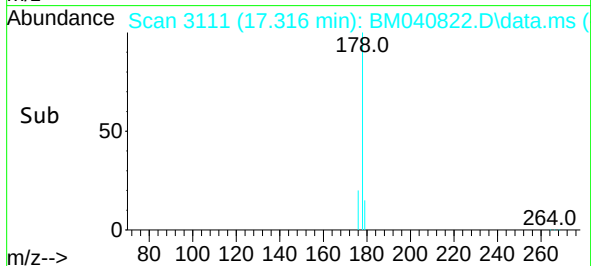
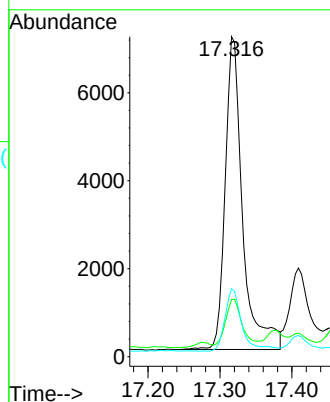
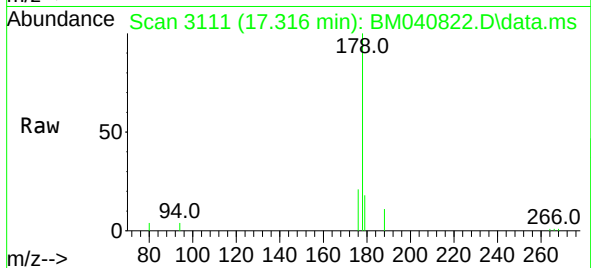
Tgt Ion:	178	Resp:	1195
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.8	19.2
176	21.2	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/12/2023



#16

Anthracene

Concen: 0.063 ng/uI

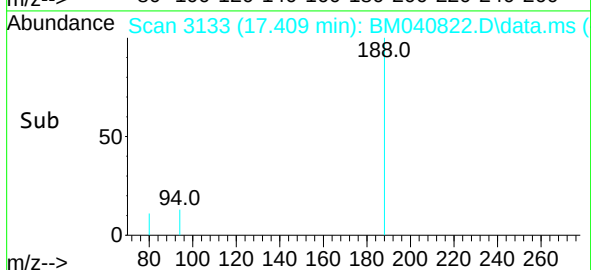
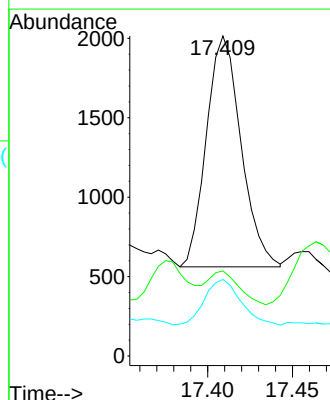
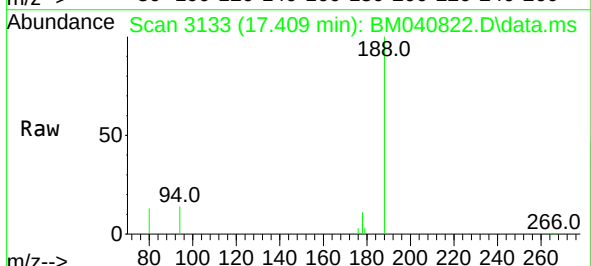
RT: 17.409 min Scan# 3133

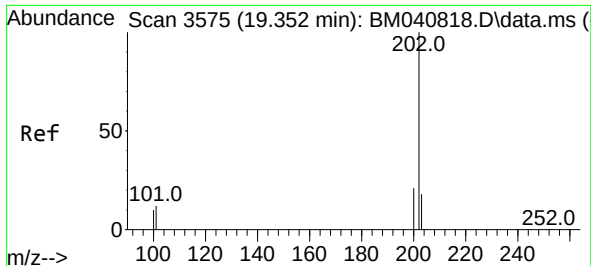
Delta R.T. -0.021 min

Lab File: BM040822.D

Acq: 11 Jul 2023 21:46

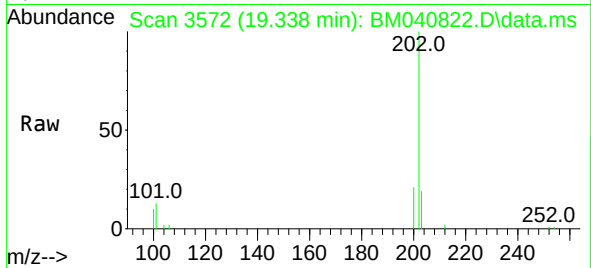
Tgt Ion:	178	Resp:	2066
Ion Ratio	Lower	Upper	
178	100		
179	26.6	12.9	19.3#
176	23.9	15.8	23.6#





#19
Fluoranthene
Concen: 0.997 ng/u1
RT: 19.338 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

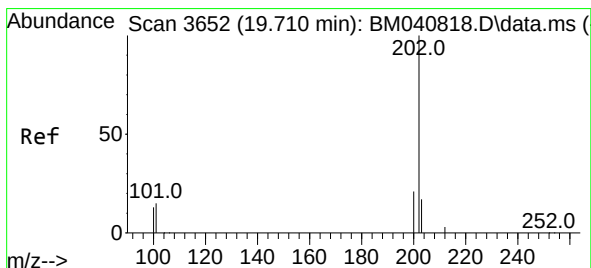
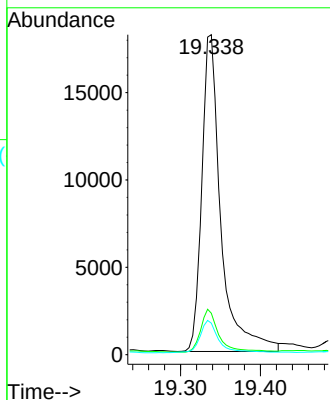
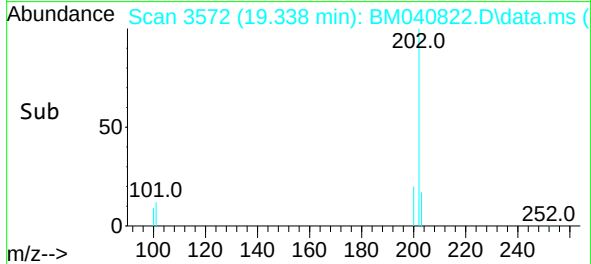
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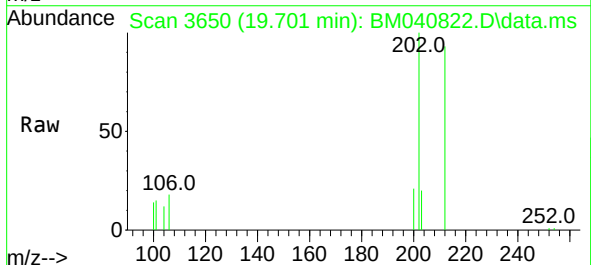
Tgt Ion:202 Resp: 3022
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 9.9 8.7 13.1

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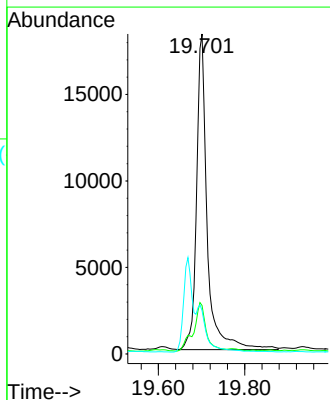
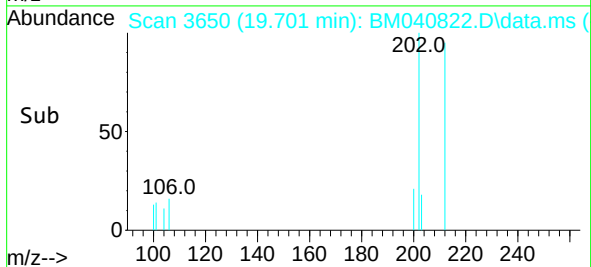
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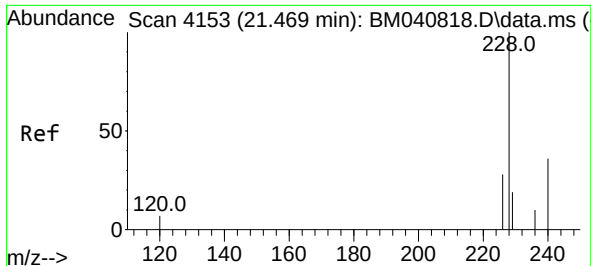


#20
Pyrene
Concen: 0.965 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46



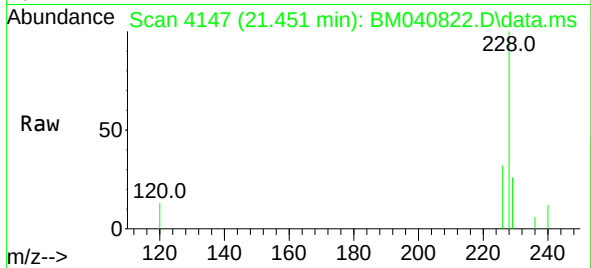
Tgt Ion:202 Resp: 31344
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 13.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.550 ng/ul
RT: 21.451 min Scan# 4153
Delta R.T. -0.017 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

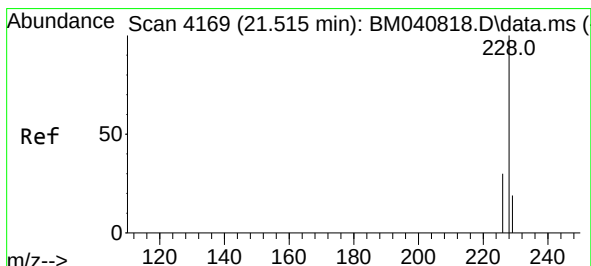
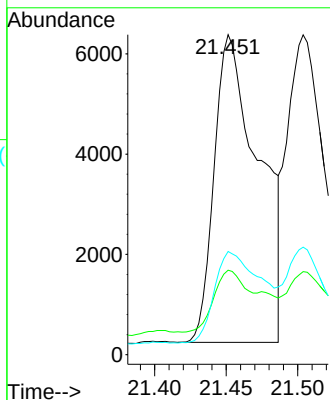
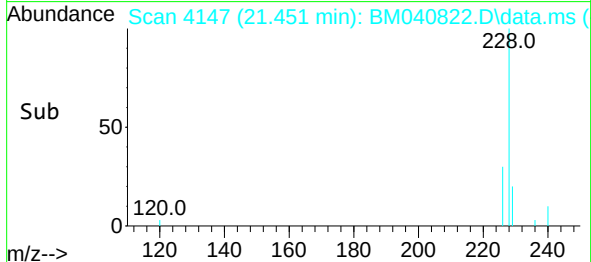
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Tgt Ion:228 Resp: 13264
Ion Ratio Lower Upper
228 100
229 26.4 16.0 24.0
226 32.3 22.3 33.5

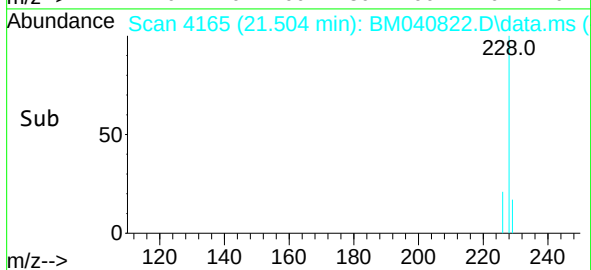
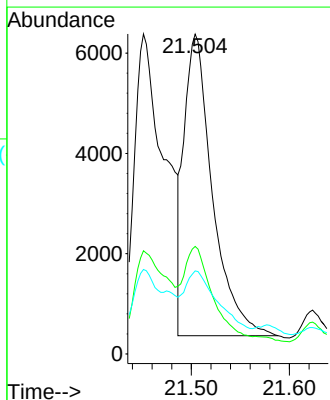
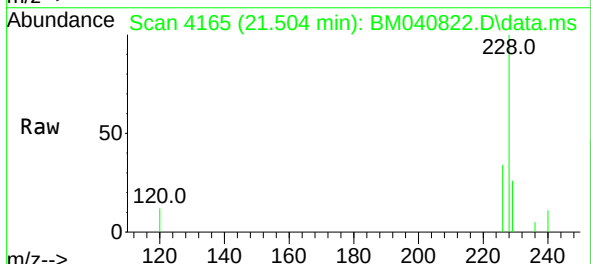
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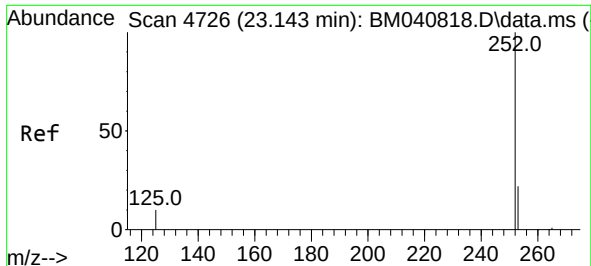
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 0.441 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

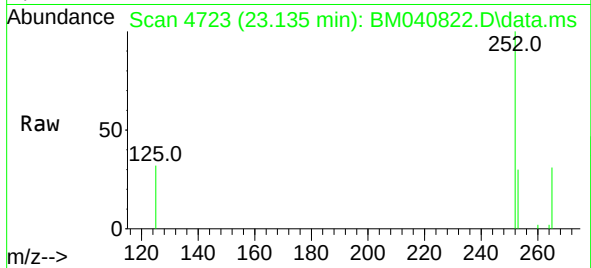
Tgt Ion:228 Resp: 12129
Ion Ratio Lower Upper
228 100
226 33.6 24.9 37.3
229 26.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.627 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.009 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

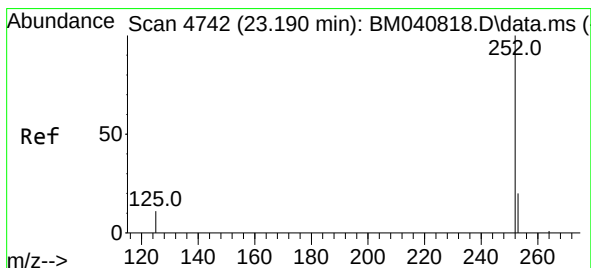
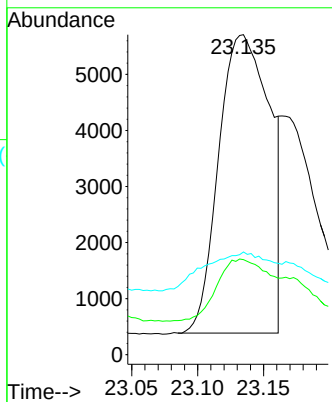
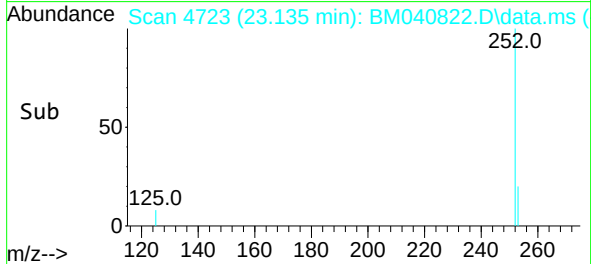
Instrument :
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ClientSampleId :
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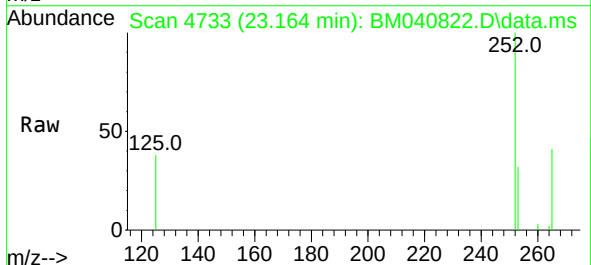
Tgt Ion:252 Resp: 14308
Ion Ratio Lower Upper
252 100
253 29.7 0.0 52.8
125 32.1 0.0 43.0

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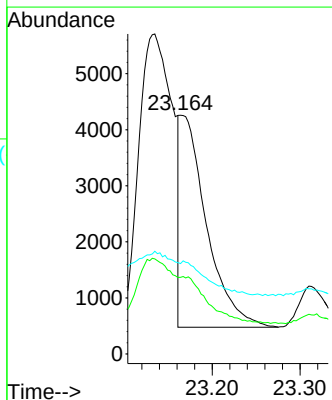
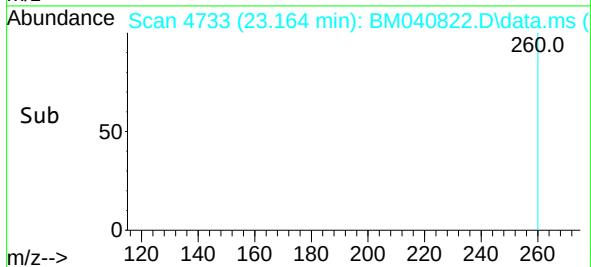
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

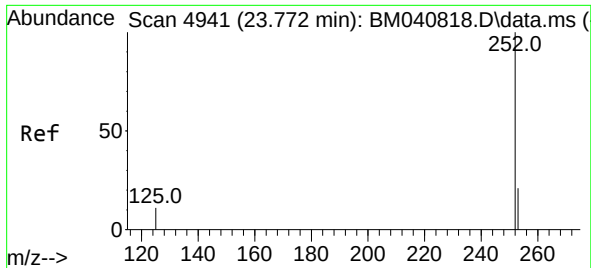


#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46



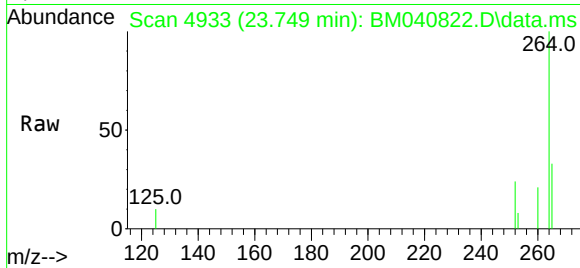
Tgt Ion:252 Resp: 7960
Ion Ratio Lower Upper
252 100
253 32.1 21.2 31.8#
125 37.9 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.749 min Scan# 4941
Delta R.T. -0.023 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

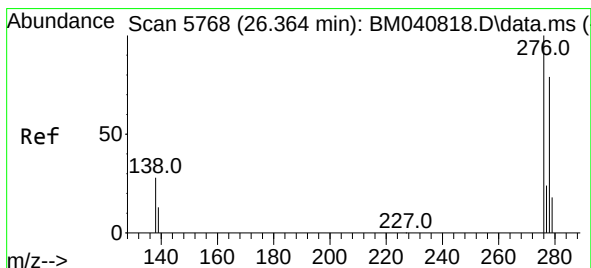
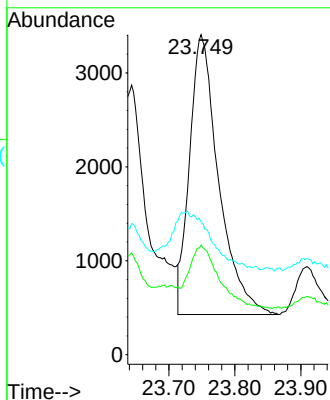
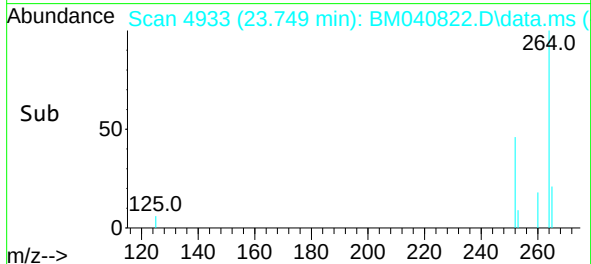
Instrument :
BNA_M
ClientSampleId :
A46G2



Tgt Ion:252 Resp: 9150
Ion Ratio Lower Upper
252 100
253 34.2 22.9 34.3
125 41.5 21.0 31.4

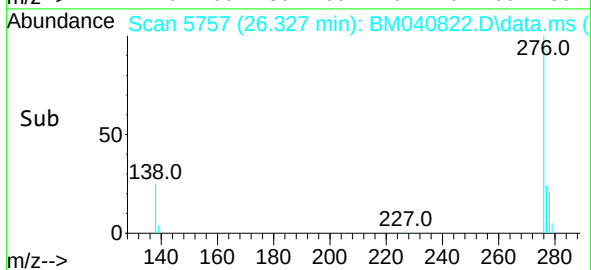
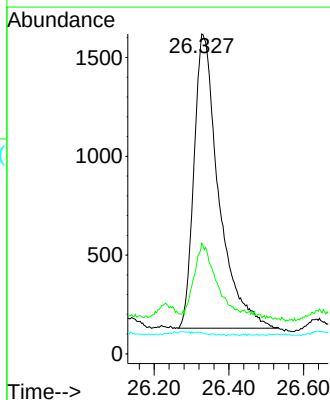
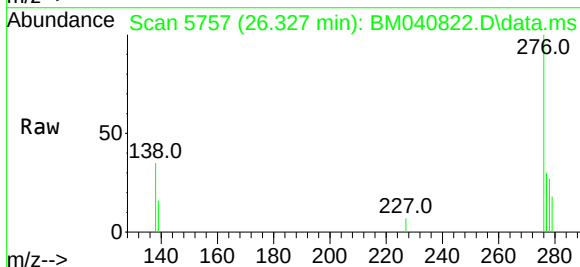
Manual Integrations
APPROVED

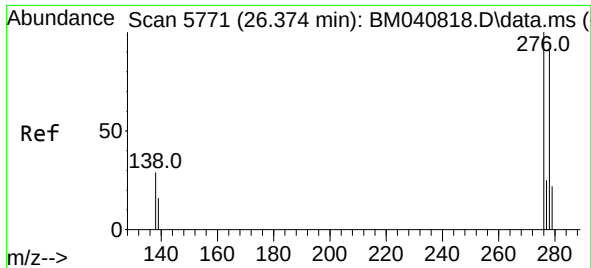
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.037 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

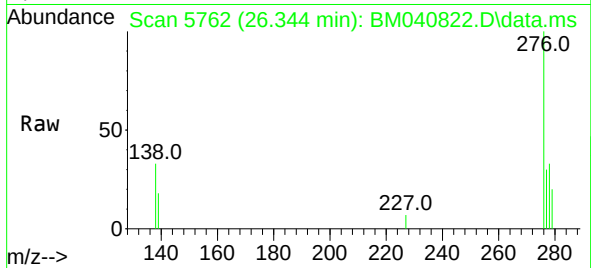
Tgt Ion:276 Resp: 6852
Ion Ratio Lower Upper
276 100
138 20.5 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46

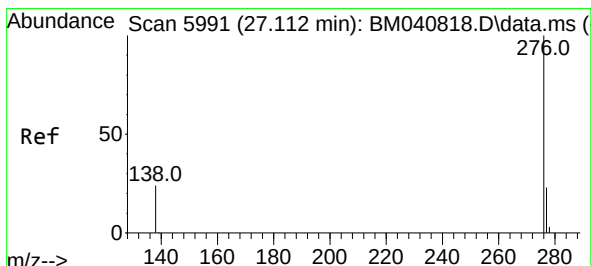
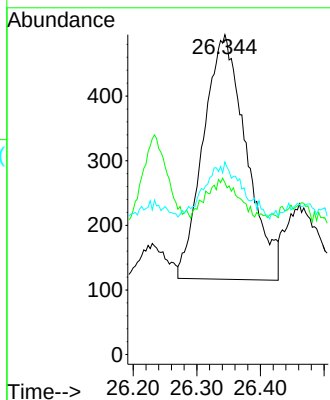
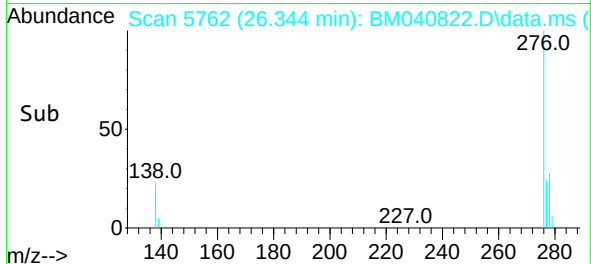
Instrument :
BNA_M
ClientSampleId :
A46G2



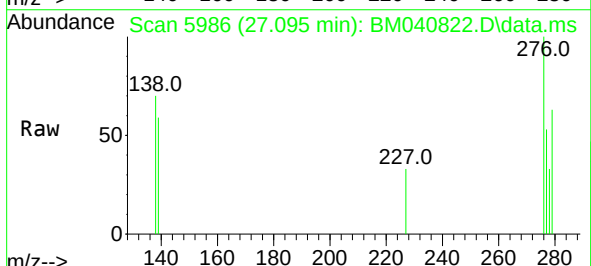
Tgt Ion:278 Resp: 1779
Ion Ratio Lower Upper
278 100
139 53.7 17.9 26.9#
279 60.2 22.0 33.0#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. -0.017 min
Lab File: BM040822.D
Acq: 11 Jul 2023 21:46



Tgt Ion:276 Resp: 982
Ion Ratio Lower Upper
276 100
138 69.8 23.0 34.6#
277 52.6 20.3 30.5#

