

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041032.D
 Acq On : 22 Jul 2023 00:25
 Operator : MA/JU
 Sample : 03444-17DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46X8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 02:36:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	5019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	18274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	10216	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.269	188	33148	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	12284	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	11264	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3110	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	1762	0.072	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	2856	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	6691	0.134	ng/ul	97
7) 2-Methylnaphthalene	12.341	142	2546	0.093	ng/ul	94
8) 1-Methylnaphthalene	12.555	142	2434	0.084	ng/ul	97
10) Acenaphthylene	14.236	152	2086	0.049	ng/ul#	80
11) Acenaphthene	14.578	153	8306	0.220	ng/ul	98
12) Fluorene	15.568	166	8797	0.225	ng/ul	98
15) Phenanthrene	17.312	178	131255	1.325	ng/ul	98
16) Anthracene	17.405	178	14845	0.192	ng/ul	98
19) Fluoranthene	19.334	202	139200	2.195	ng/ul#	93
20) Pyrene	19.696	202	111869	1.727	ng/ul#	93
21) Benzo(a)anthracene	21.448	228	49417	1.321	ng/ul	99
22) Chrysene	21.501	228	52706	1.232	ng/ul	99
24) Benzo(b)fluoranthene	23.129	252	52343	1.211	ng/ul	88
25) Benzo(k)fluoranthene	23.173	252	21452m	0.522	ng/ul	
26) Benzo(a)pyrene	23.746	252	15889	0.425	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.324	276	17307	0.349	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.334	278	5942	0.159	ng/ul	95
29) Benzo(g,h,i)perylene	27.088	276	1336	0.029	ng/ul#	52

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

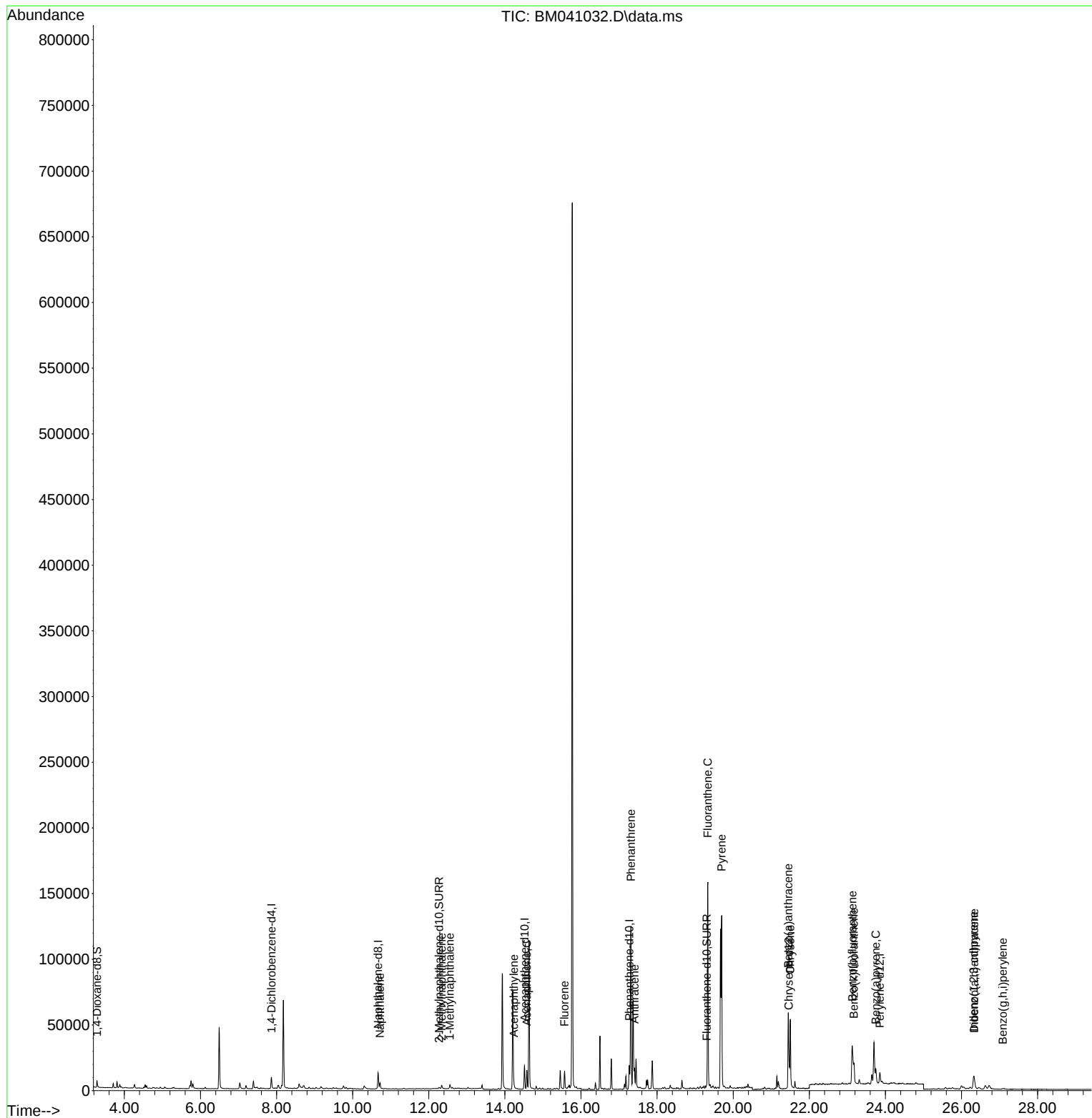
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041032.D
Acq On : 22 Jul 2023 00:25
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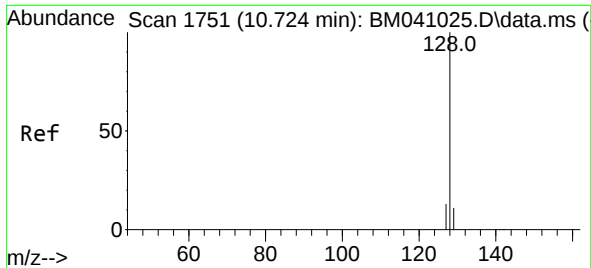
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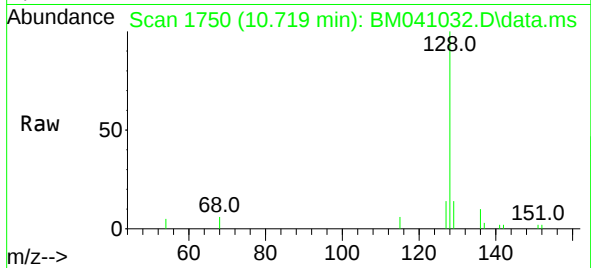
Quant Time: Jul 22 02:36:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

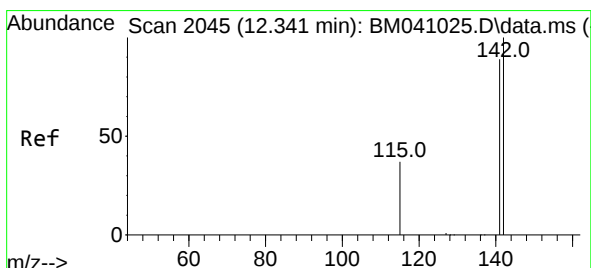
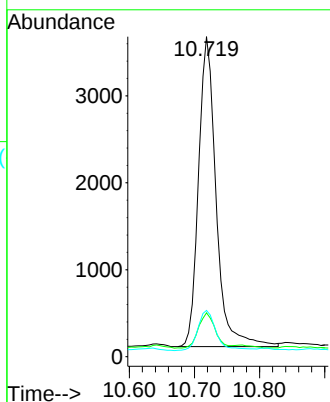
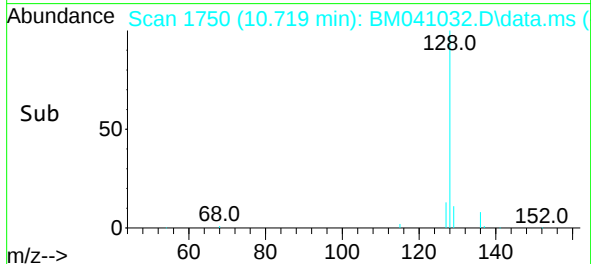
Instrument :
BNA_M
ClientSampleId :
A46X8DL



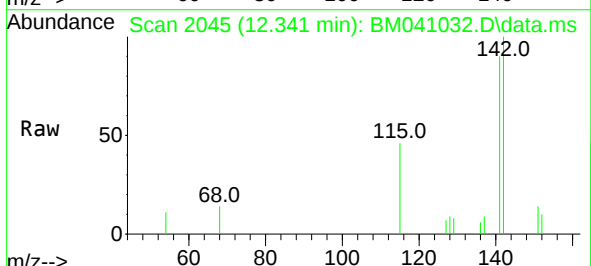
Tgt Ion:128 Resp: 669
Ion Ratio Lower Upper
128 100
129 13.7 9.8 14.8
127 14.5 11.0 16.4

Manual Integrations
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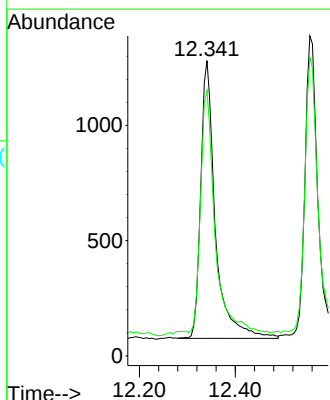
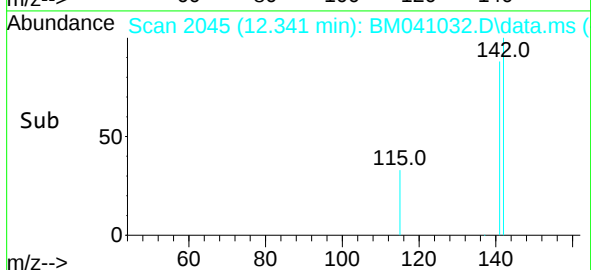
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

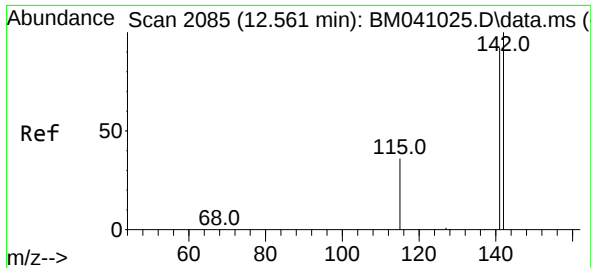


#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25



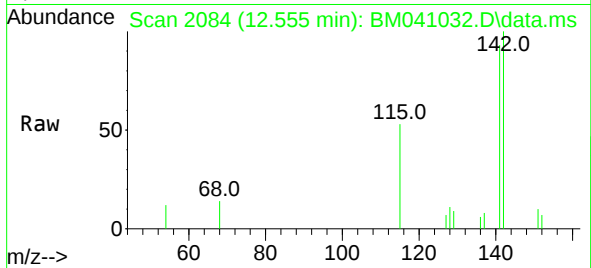
Tgt Ion:142 Resp: 2546
Ion Ratio Lower Upper
142 100
141 85.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

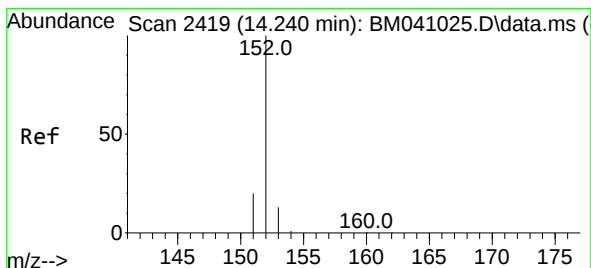
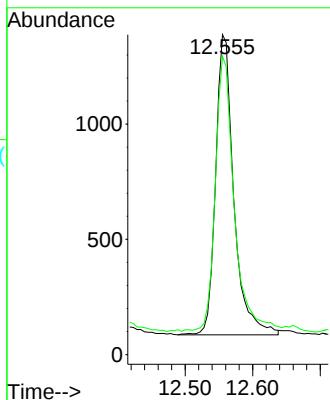
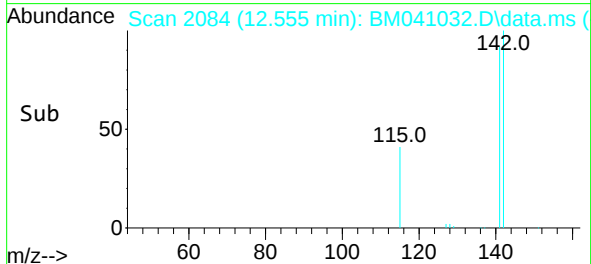
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Tgt Ion:142 Resp: 2434
Ion Ratio Lower Upper
142 100
141 95.0 73.4 110.2

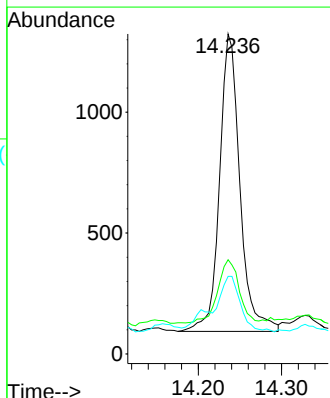
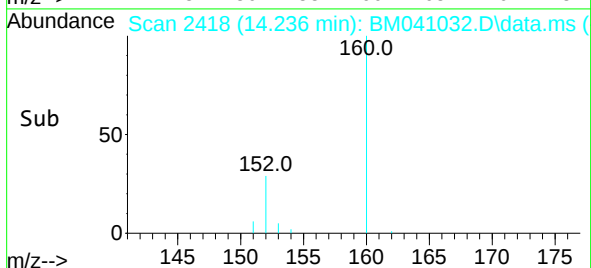
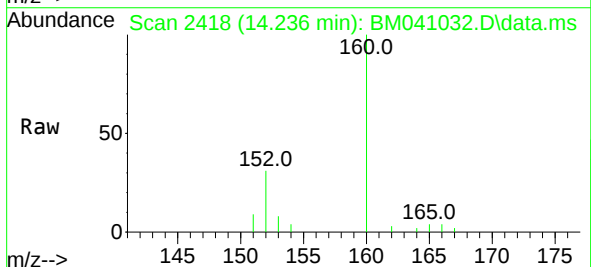
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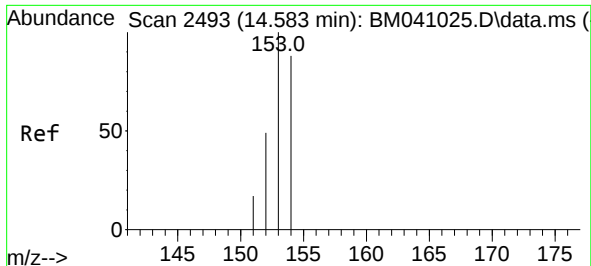
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

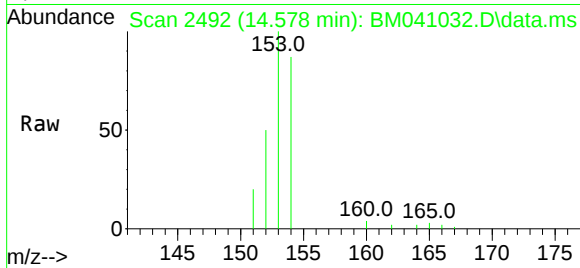
Tgt Ion:152 Resp: 2086
Ion Ratio Lower Upper
152 100
151 29.5 16.8 25.2#
153 24.2 11.6 17.4#





#11
Acenaphthene
Concen: 0.220 ng/ul
RT: 14.578 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

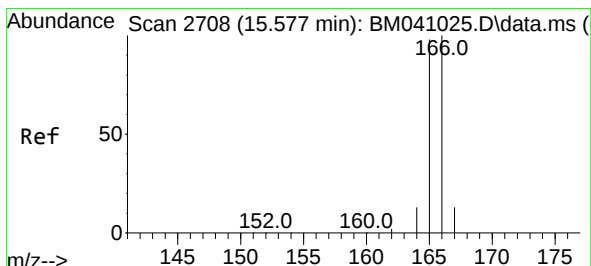
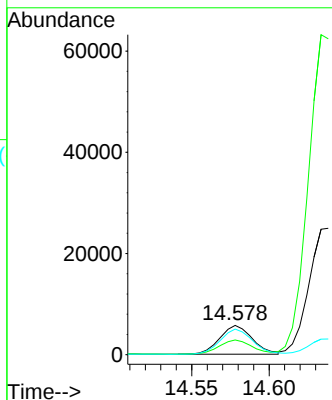
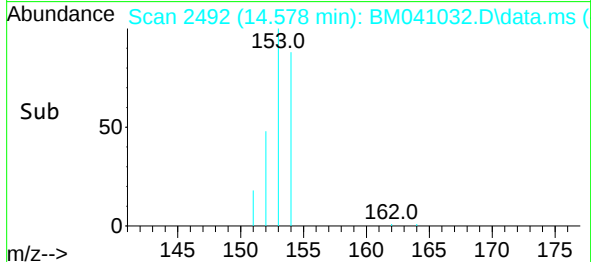
Instrument :
BNA_M
ClientSampleId :
A46X8DL



Tgt Ion:153 Resp: 8300
Ion Ratio Lower Upper
153 100
152 50.0 41.0 61.6
154 87.1 68.2 102.2

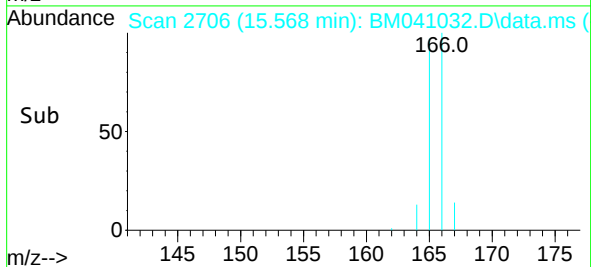
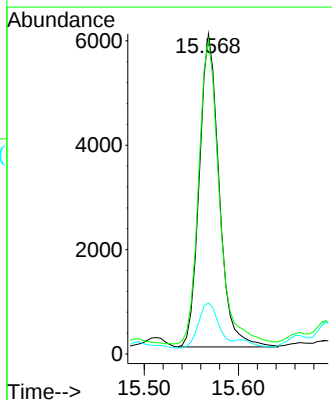
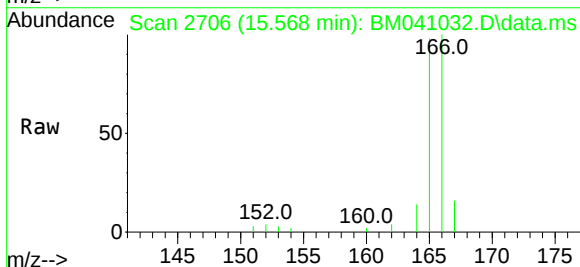
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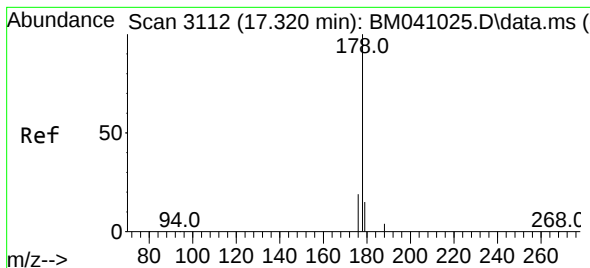
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.225 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

Tgt Ion:166 Resp: 8797
Ion Ratio Lower Upper
166 100
165 98.2 80.3 120.5
167 15.9 11.7 17.5





#15

Phenanthrene

Concen: 1.325 ng/u1

RT: 17.312 min Scan# 3112

Delta R.T. -0.004 min

Lab File: BM041032.D

Acq: 22 Jul 2023 00:25

Instrument :

BNA_M

ClientSampleId :

A46X8DL

Tgt Ion:178 Resp: 13125

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

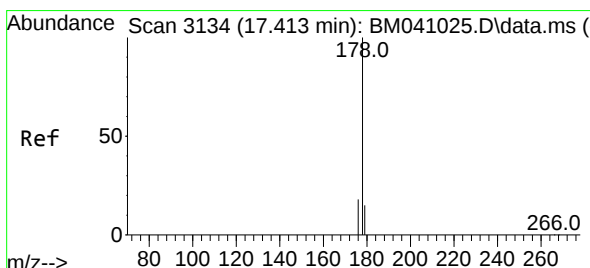
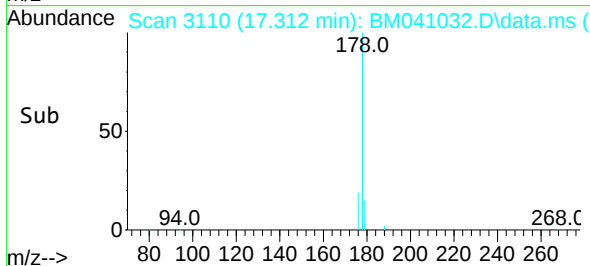
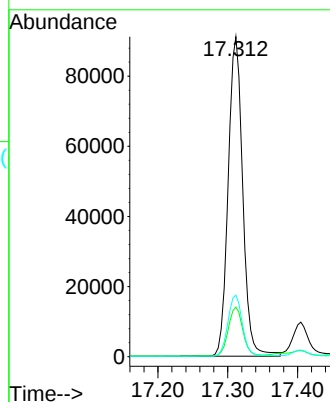
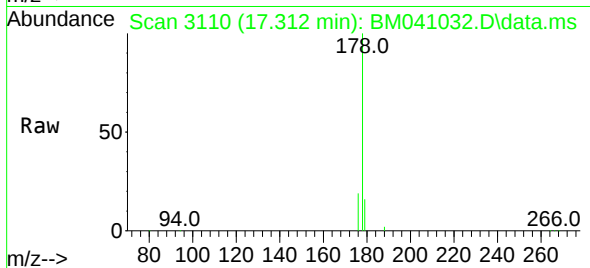
176 19.2 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#16

Anthracene

Concen: 0.192 ng/u1

RT: 17.405 min Scan# 3132

Delta R.T. -0.009 min

Lab File: BM041032.D

Acq: 22 Jul 2023 00:25

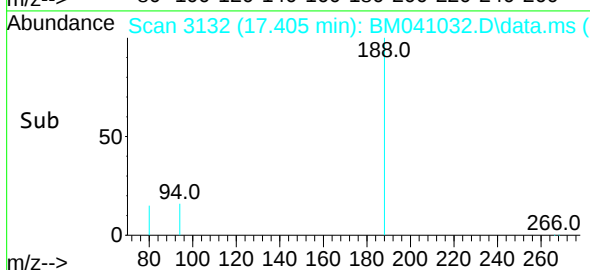
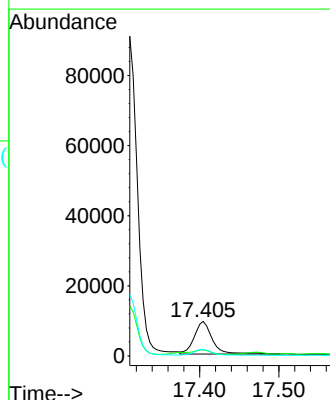
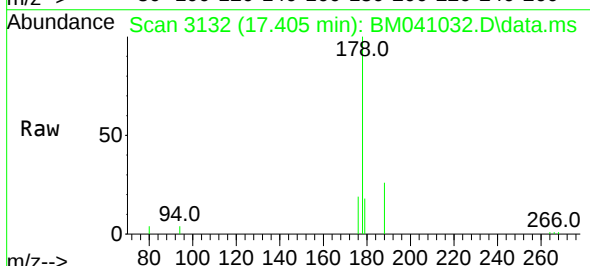
Tgt Ion:178 Resp: 14845

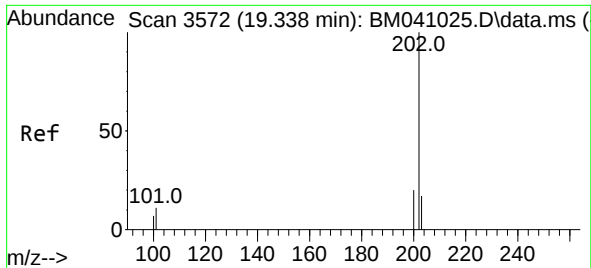
Ion Ratio Lower Upper

178 100

179 17.8 13.7 20.5

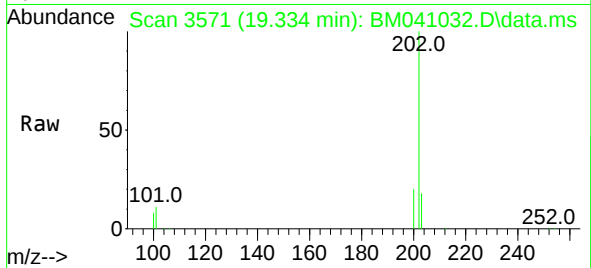
176 19.2 16.4 24.6





#19
Fluoranthene
Concen: 2.195 ng/u1
RT: 19.334 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

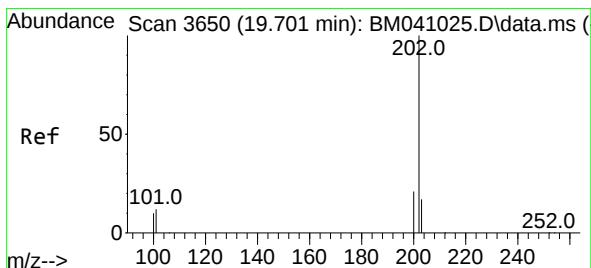
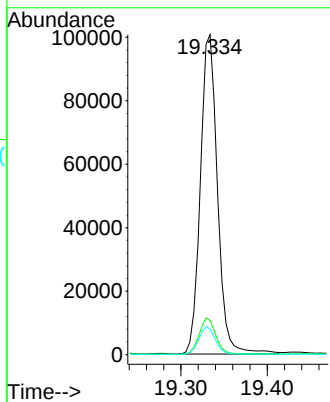
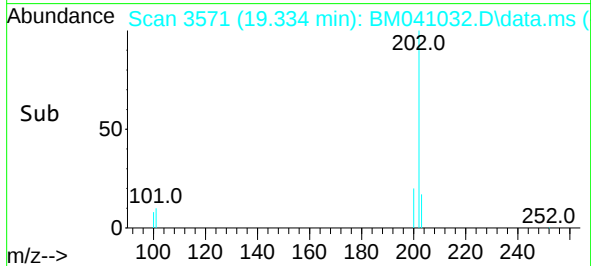
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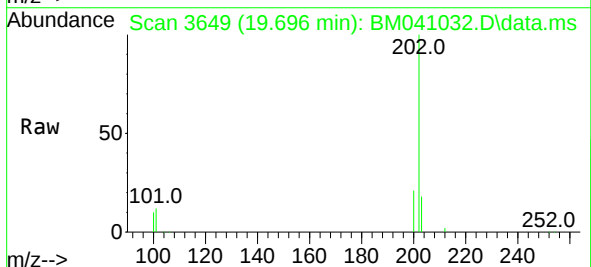
Tgt Ion:202 Resp: 139200
Ion Ratio Lower Upper
202 100
101 10.7 11.0 16.4#
100 8.0 8.3 12.5#

Manual Integrations
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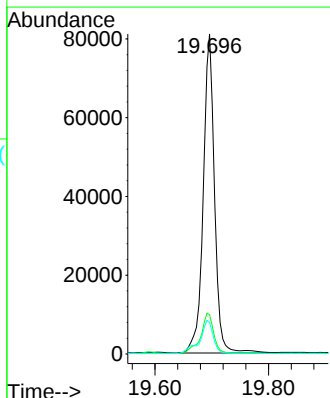
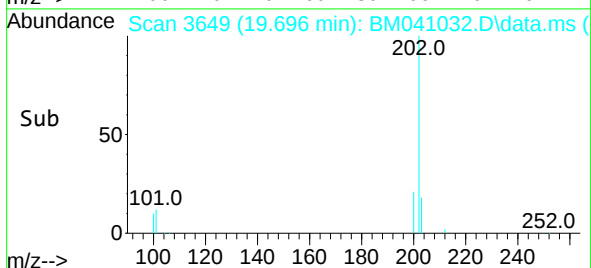
Reviewed By :Yogesh Patel 07/22/2023
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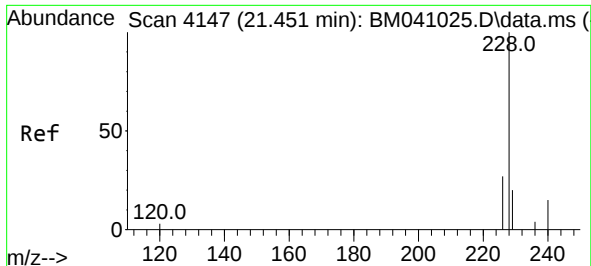


#20
Pyrene
Concen: 1.727 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25



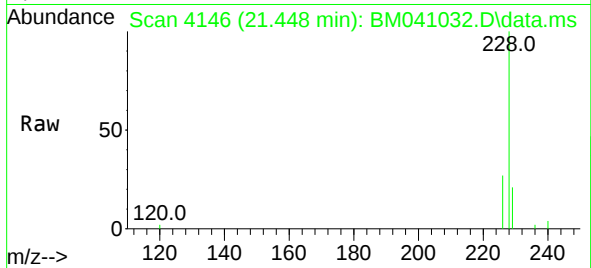
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Ion Ratio Lower Upper
202 100
101 12.3 12.5 18.7#
100 9.8 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 1.321 ng/ul
RT: 21.448 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

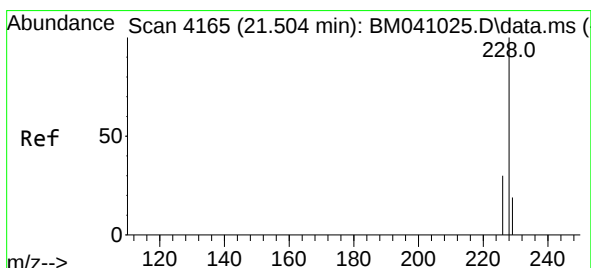
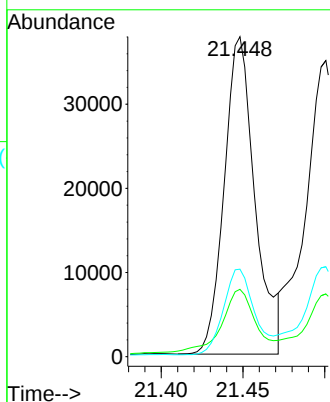
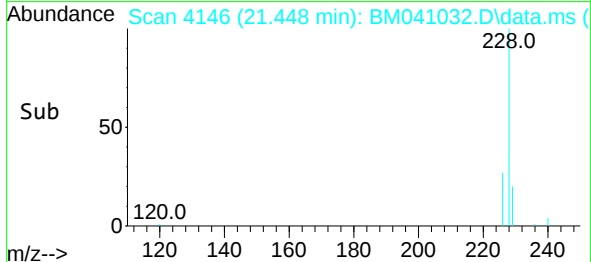
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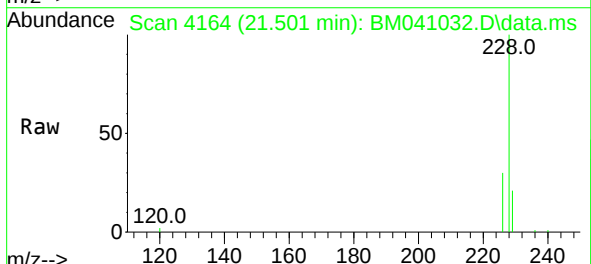
Tgt Ion:228 Resp: 4941
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.4
226 27.4 22.3 33.5

Manual Integrations
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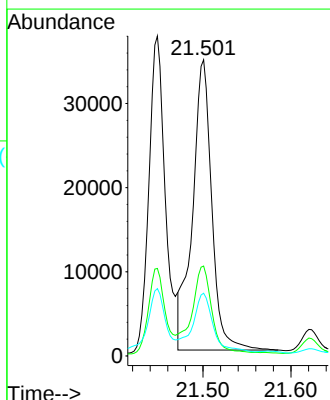
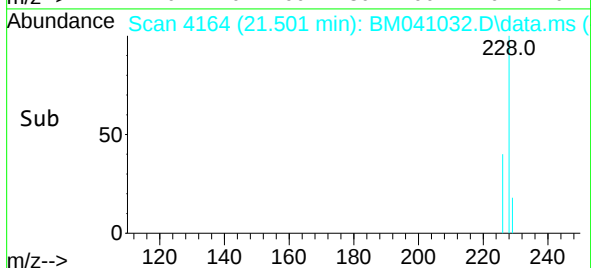
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

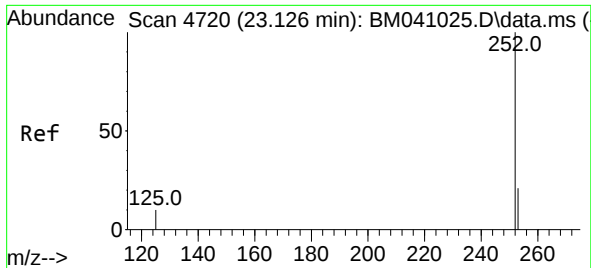


#22
Chrysene
Concen: 1.232 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.003 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25



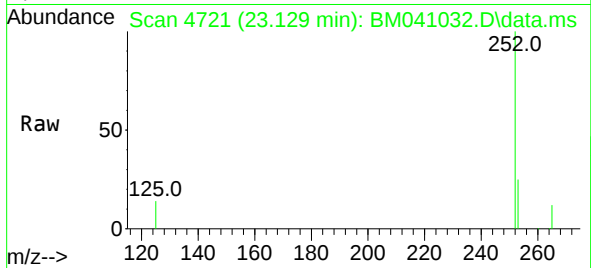
Tgt Ion:228 Resp: 52706
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.2 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 1.211 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

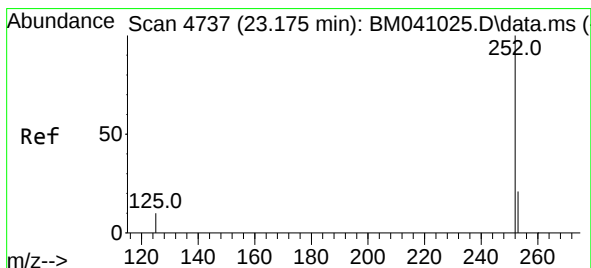
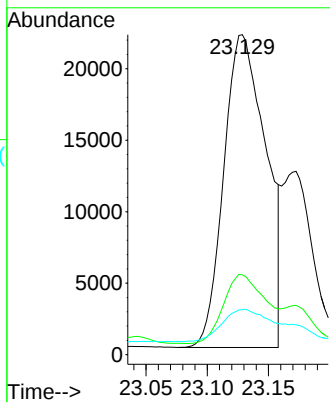
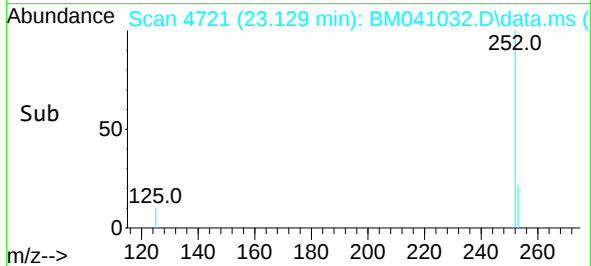
Instrument :
BNA_M
ClientSampleId :
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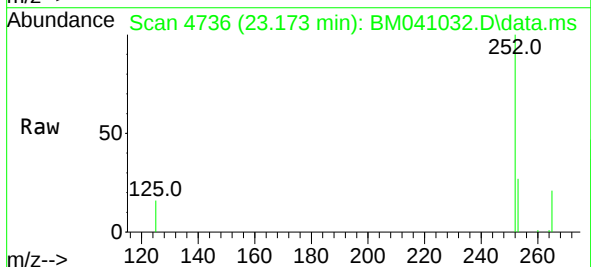
Tgt Ion:252 Resp: 5234
Ion Ratio Lower Upper
252 100
253 25.0 0.0 57.4
125 14.1 0.0 45.2

Manual Integrations
APPROVED

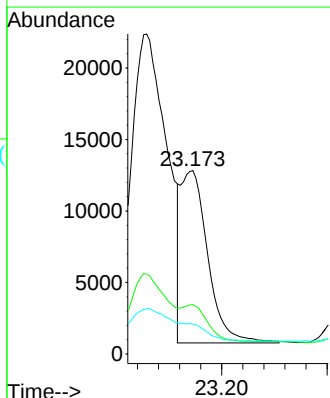
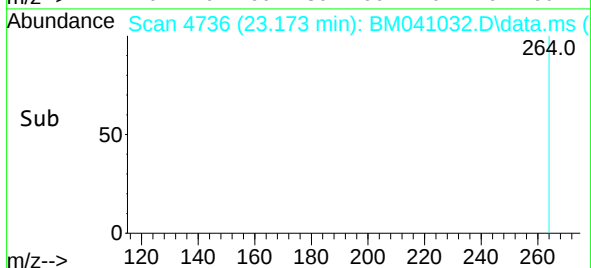
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

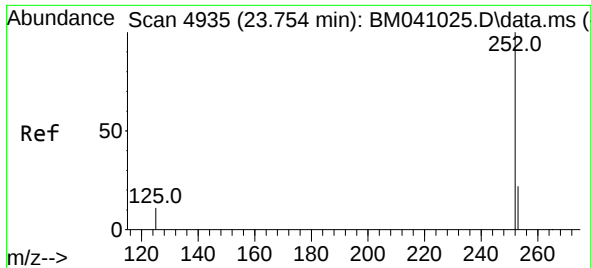


#25
Benzo(k)fluoranthene
Concen: 0.522 ng/ul m
RT: 23.173 min Scan# 4736
Delta R.T. -0.006 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25



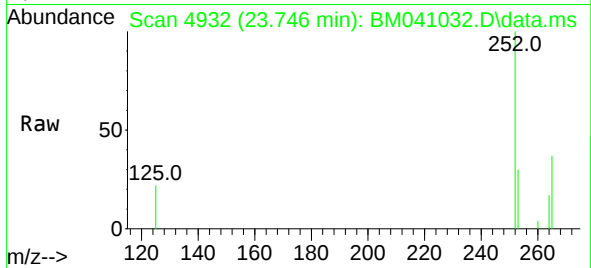
Tgt Ion:252 Resp: 21452
Ion Ratio Lower Upper
252 100
253 26.8 23.3 34.9
125 16.2 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.012 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

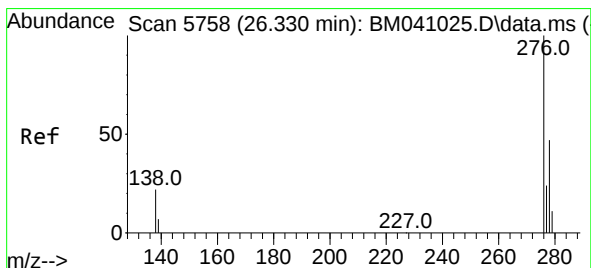
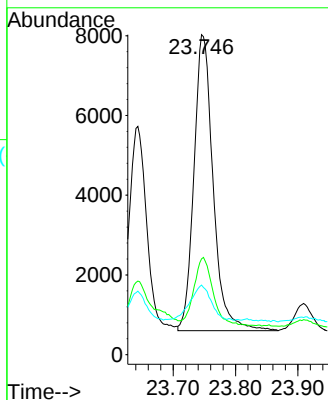
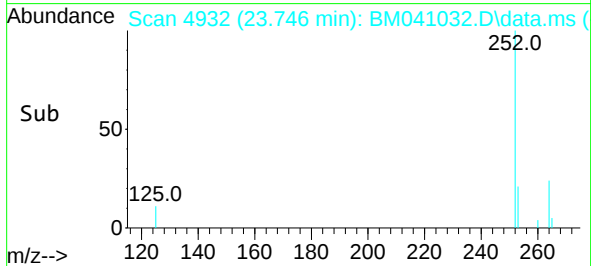
Instrument :
BNA_M
ClientSampleId :
A46X8DL



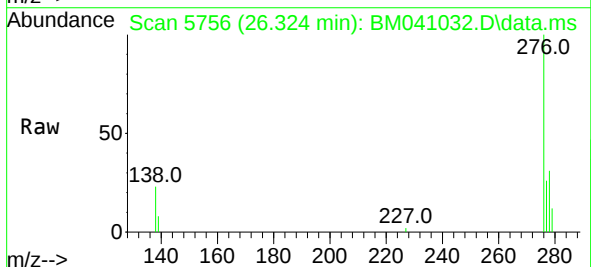
Tgt Ion:252 Resp: 15889
Ion Ratio Lower Upper
252 100
253 29.9 28.2 42.2
125 21.8 25.2 37.8

Manual Integrations
APPROVED

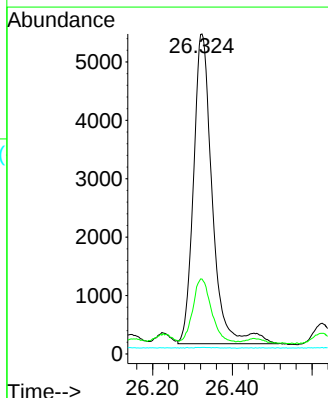
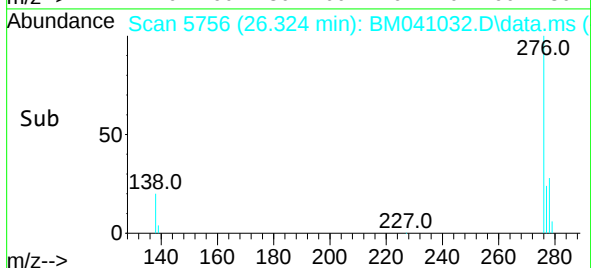
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

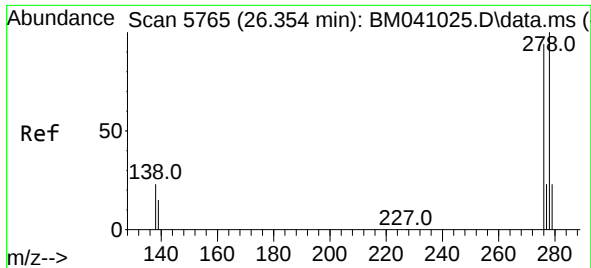


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.014 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25



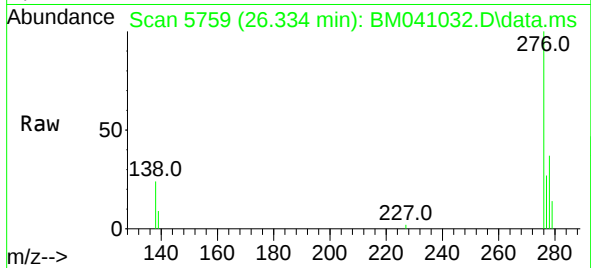
Tgt Ion:276 Resp: 17307
Ion Ratio Lower Upper
276 100
138 20.2 22.3 33.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.159 ng/ul
RT: 26.334 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25

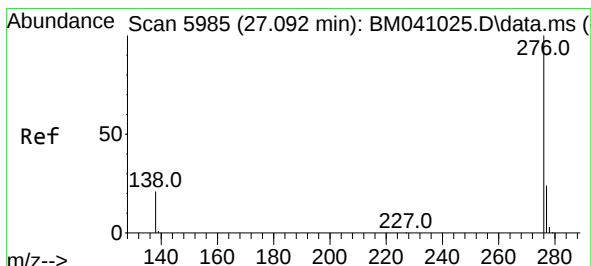
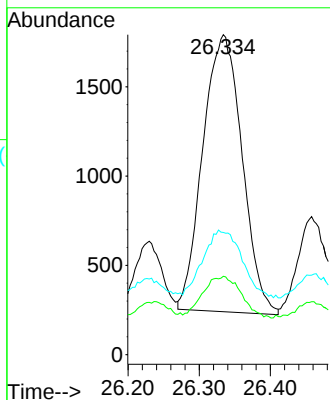
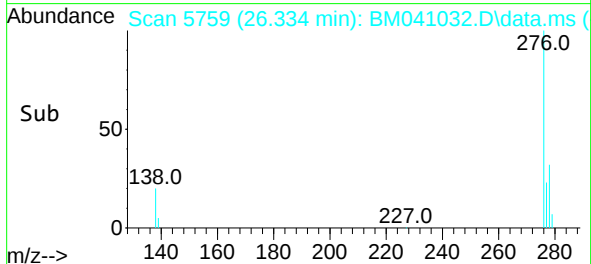
Instrument :
BNA_M
ClientSampleId :
A46X8DL



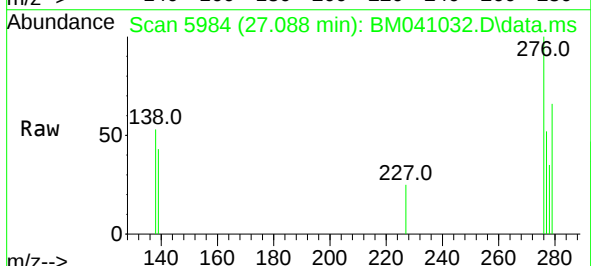
Tgt Ion:278 Resp: 594
Ion Ratio Lower Upper
278 100
139 24.5 19.2 28.8
279 38.2 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 27.088 min Scan# 5984
Delta R.T. -0.004 min
Lab File: BM041032.D
Acq: 22 Jul 2023 00:25



Tgt Ion:276 Resp: 1336
Ion Ratio Lower Upper
276 100
138 53.3 22.6 34.0#
277 51.9 21.2 31.8#

