

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041275.D
 Acq On : 03 Aug 2023 23:19
 Operator : MA/JU
 Sample : 03815-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-7-(0-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:26:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	156805	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	693642	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	462724	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1003059	20.000	ng	0.00
76) Chrysene-d12	21.427	240	672009	20.000	ng	0.00
86) Perylene-d12	23.797	264	679155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	840780	80.139	ng	0.00
7) Phenol-d6	6.981	99	1145214	84.210	ng	0.00
23) Nitrobenzene-d5	8.975	82	709524	47.569	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	581893	88.907	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1636107	44.666	ng	0.00
79) Terphenyl-d14	19.862	244	2533071	68.153	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.186	152	172994	3.827	ng	99
50) Dimethylphthalate	13.927	163	108256	3.110	ng	98
71) Phenanthrene	17.262	178	212706	3.817	ng	99
72) Anthracene	17.356	178	149927	2.720	ng	100
75) Fluoranthene	19.292	202	619992	9.902	ng	99
78) Pyrene	19.656	202	969137	20.622	ng	100
81) Benzo(a)anthracene	21.409	228	399662	8.773	ng	93
83) Chrysene	21.462	228	377454	8.566	ng	97
87) Indeno(1,2,3-cd)pyrene	26.250	276	179367	3.592	ng	# 93
88) Benzo(b)fluoranthene	23.080	252	361514m	8.960	ng	
89) Benzo(k)fluoranthene	23.121	252	113942m	2.761	ng	
90) Benzo(a)pyrene	23.691	252	329376	8.496	ng	98
92) Benzo(g,h,i)perylene	27.003	276	197631	4.850	ng	97

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

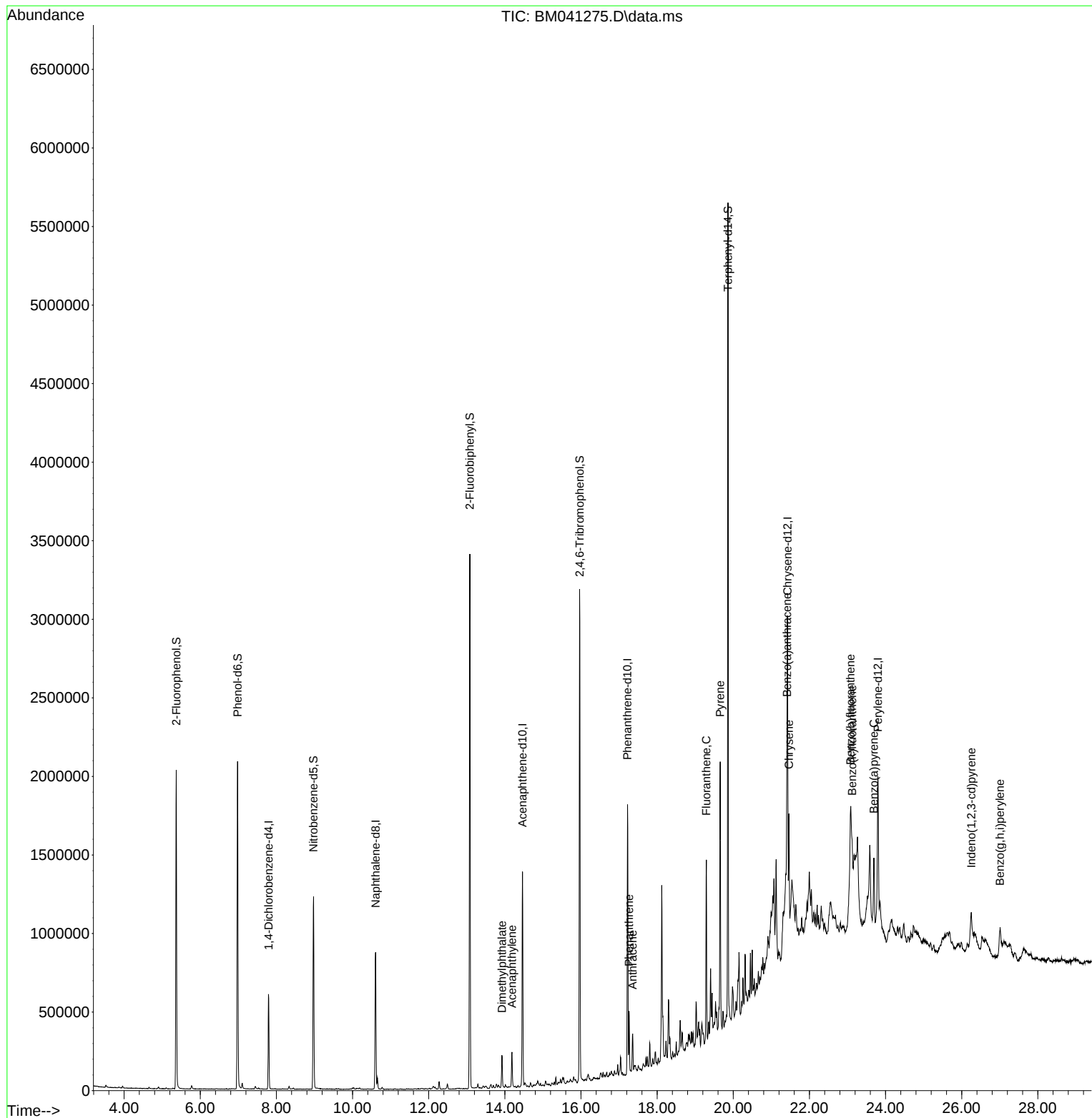
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041275.D
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ALS Vial : 20 Sample Multiplier: 1

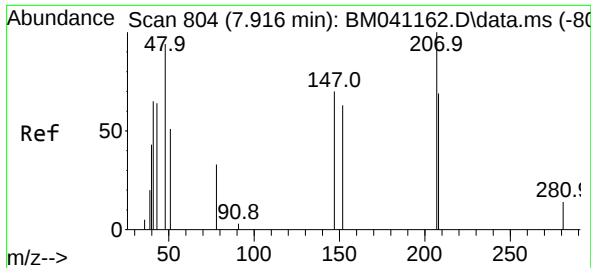
Instrument :
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Quant Time: Aug 04 01:26:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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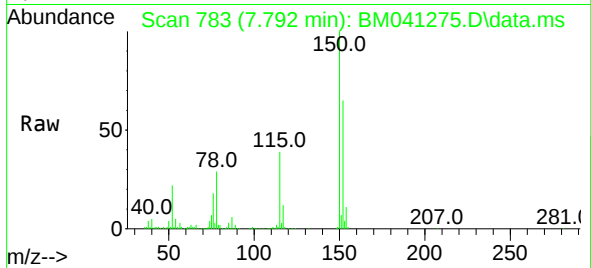
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

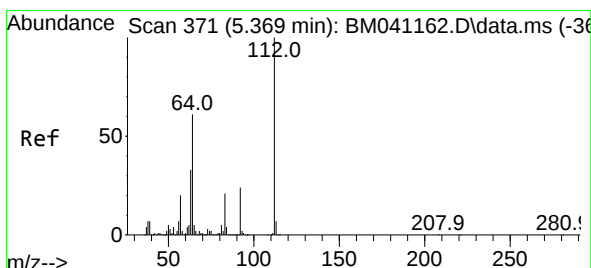
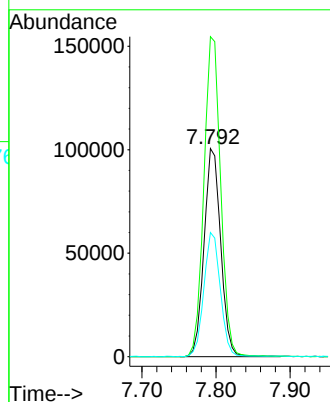
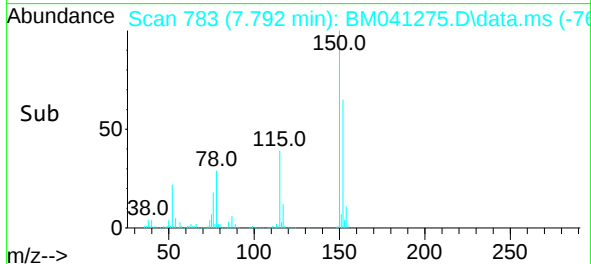
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)



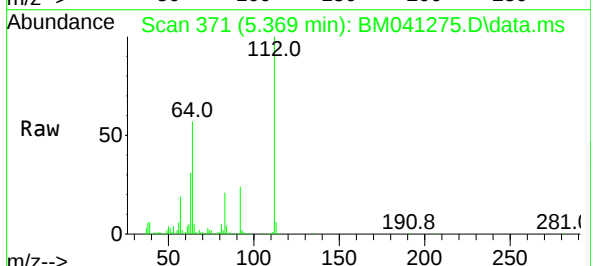
Tgt Ion:152 Resp: 15680
Ion Ratio Lower Upper
152 100
150 153.7 125.5 188.3
115 59.7 48.0 72.0

Manual Integrations
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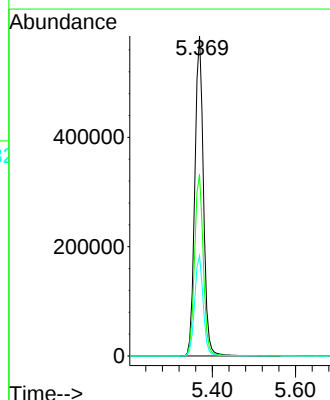
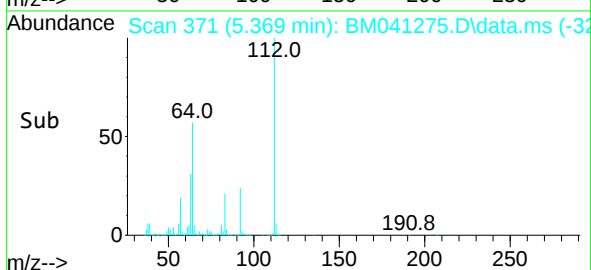
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

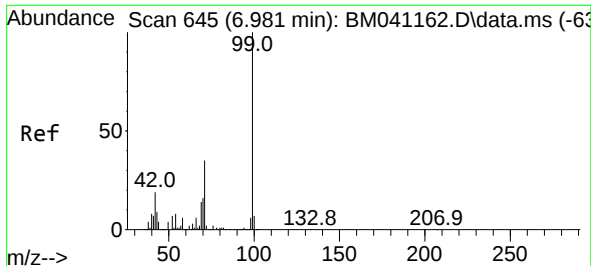


#5
2-Fluorophenol
Concen: 80.139 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19



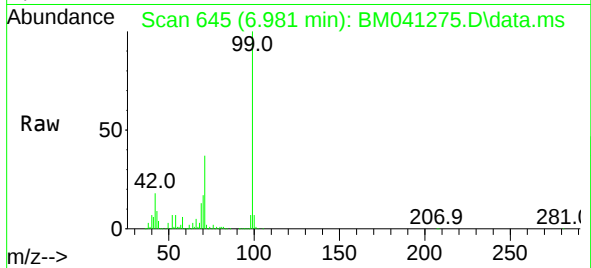
Tgt Ion:112 Resp: 840780
Ion Ratio Lower Upper
112 100
64 56.7 48.5 72.7
63 31.3 26.5 39.7





#7
Phenol-d6
Concen: 84.210 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

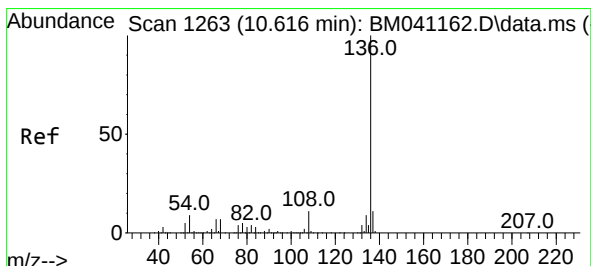
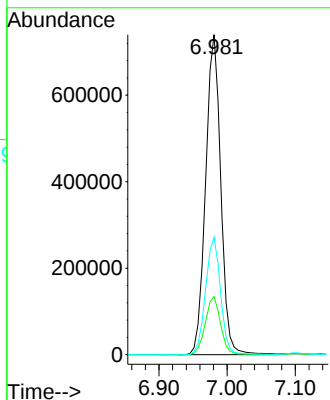
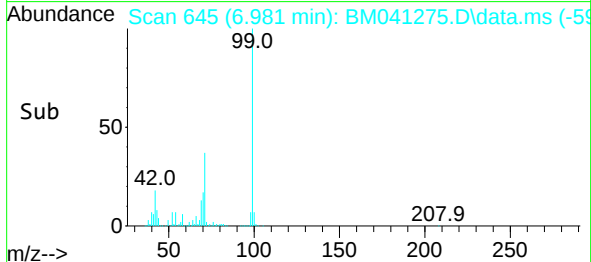
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BUILDING-B-7-(0-5)



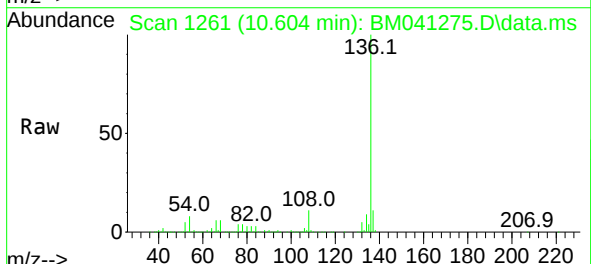
Tgt Ion: 99 Resp: 1145214
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.7 28.2 42.4

Manual Integrations
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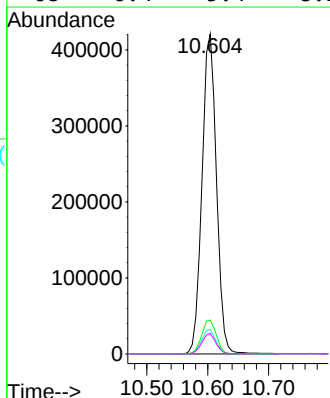
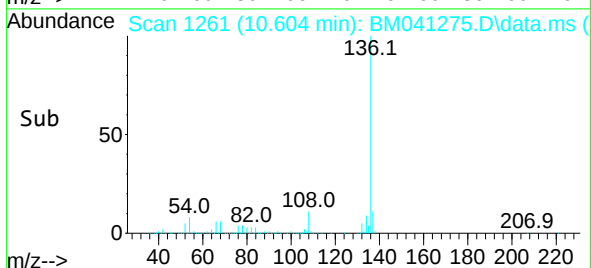
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

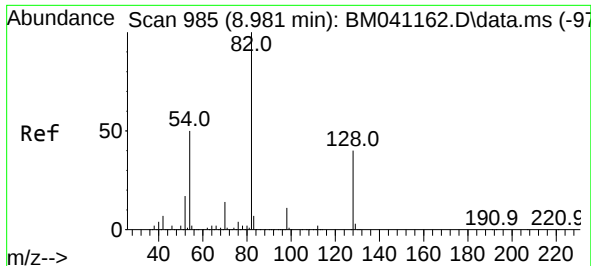


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19



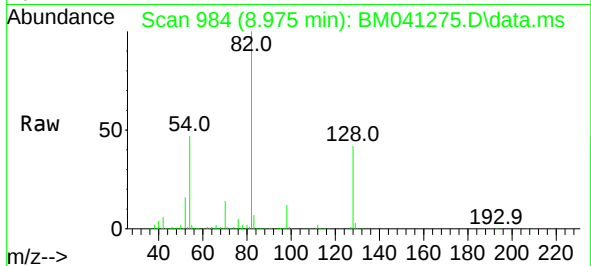
Tgt Ion:136 Resp: 693642
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.7 6.9 10.3
68 6.4 5.4 8.2





#23
Nitrobenzene-d5
Concen: 47.569 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

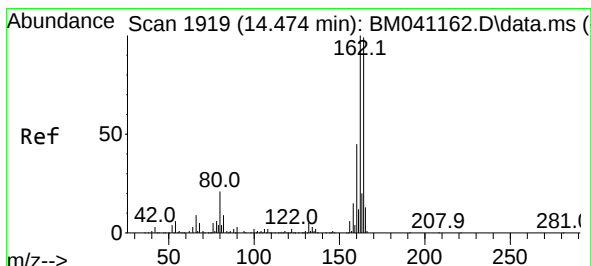
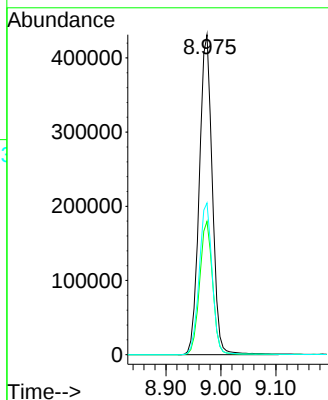
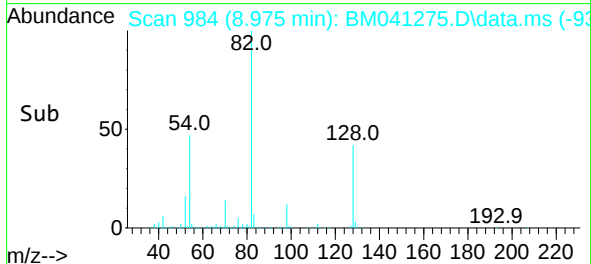
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ClientSampleId :
BUILDING-B-7-(0-5)



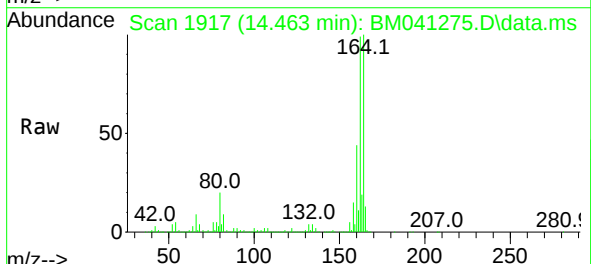
Tgt Ion: 82 Resp: 709524
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 47.4 40.1 60.1

Manual Integrations
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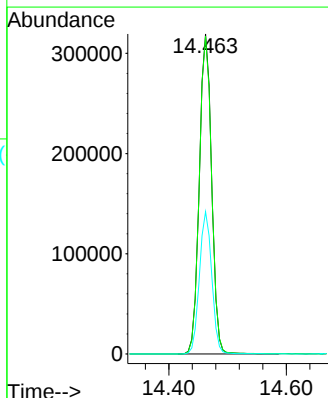
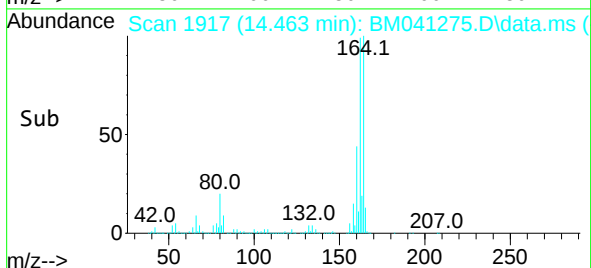
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

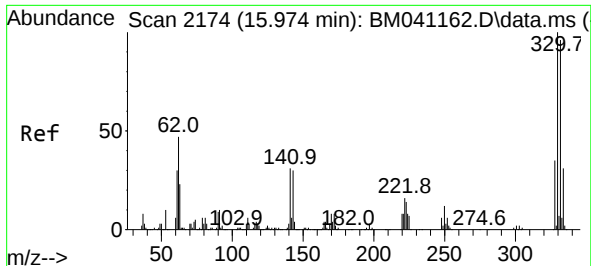


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19



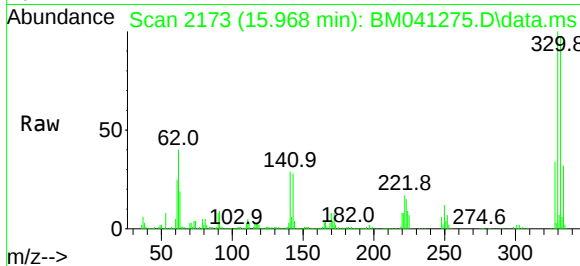
Tgt Ion:164 Resp: 462724
Ion Ratio Lower Upper
164 100
162 99.3 80.4 120.6
160 44.4 36.2 54.2





#42
2,4,6-Tribromophenol
Concen: 88.907 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

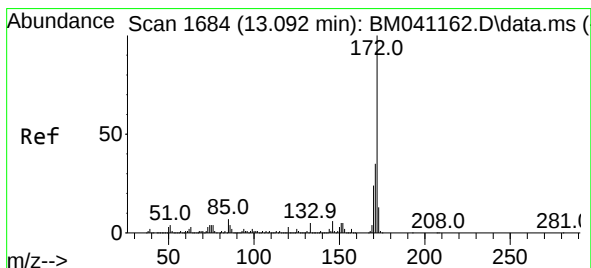
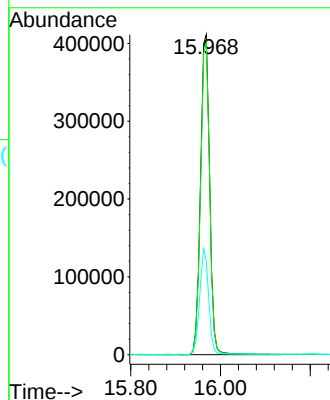
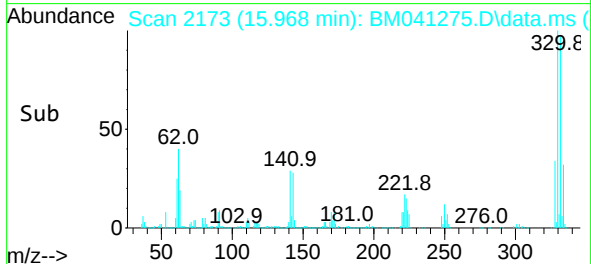
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)



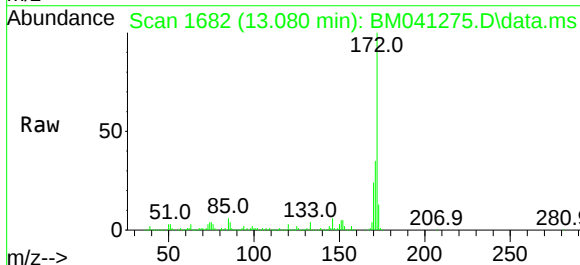
Tgt Ion:330 Resp: 58189
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 32.3 28.3 42.5

Manual Integrations
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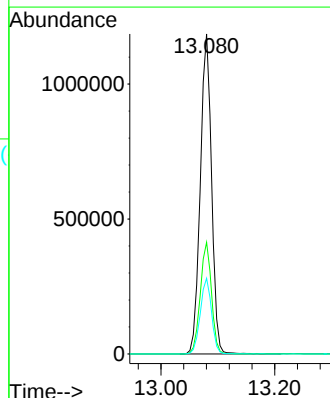
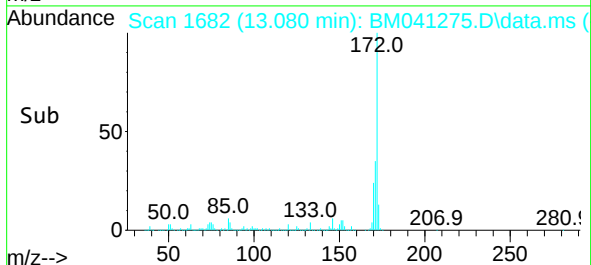
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

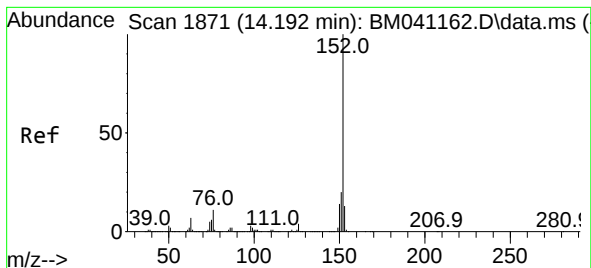


#45
2-Fluorobiphenyl
Concen: 44.666 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19



Tgt Ion:172 Resp: 1636107
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.6 18.9 28.3





#49

Acenaphthylene

Concen: 3.827 ng

RT: 14.186 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BM041275.D

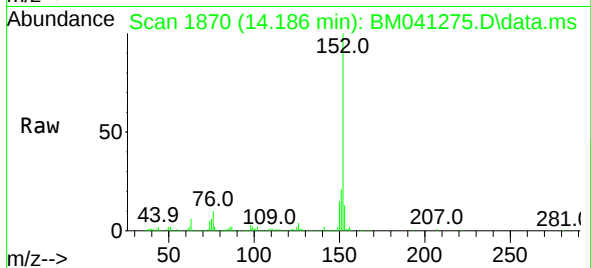
Acq: 03 Aug 2023 23:19

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-7-(0-5)



Tgt Ion:152 Resp: 172994

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

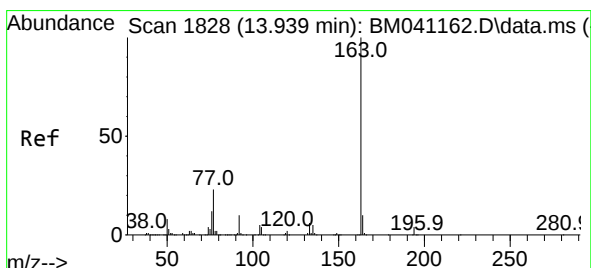
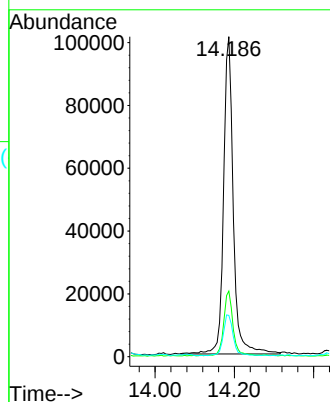
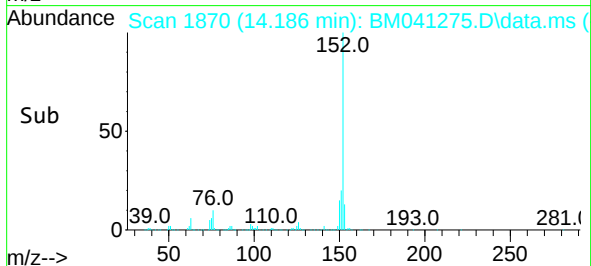
153 12.9 10.5 15.7

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/04/2023



#50

Dimethylphthalate

Concen: 3.110 ng

RT: 13.927 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

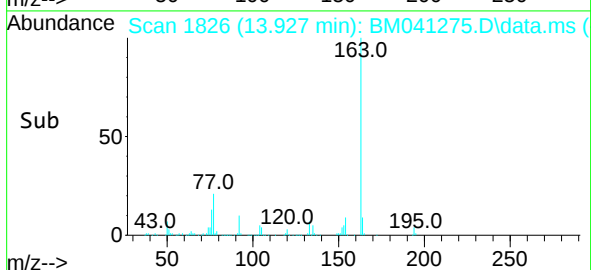
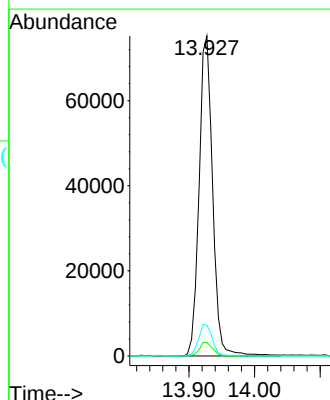
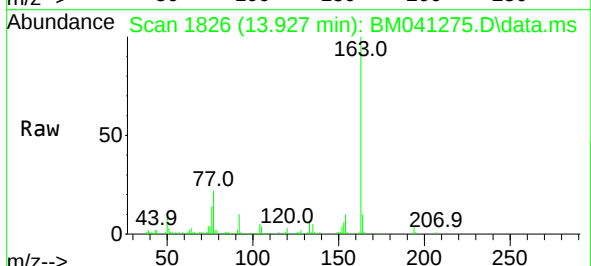
Tgt Ion:163 Resp: 108256

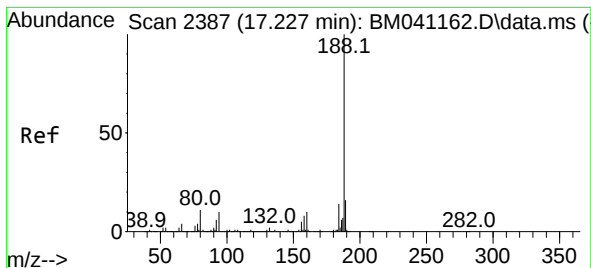
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.6 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-7-(0-5)

Tgt Ion:188 Resp: 100305

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

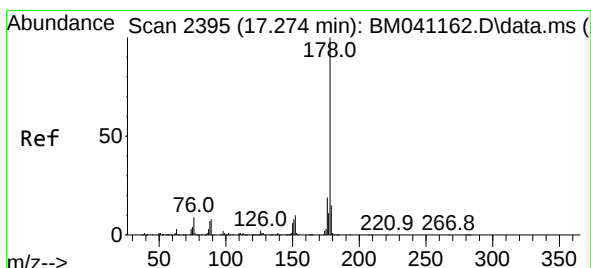
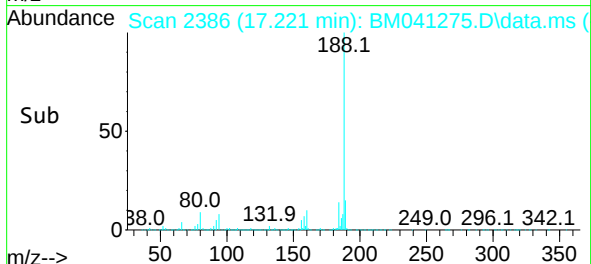
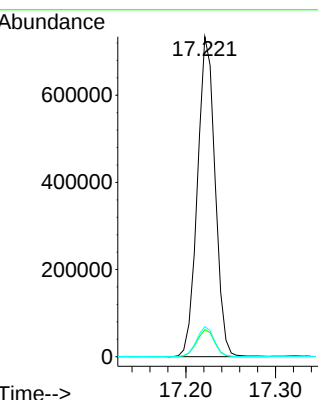
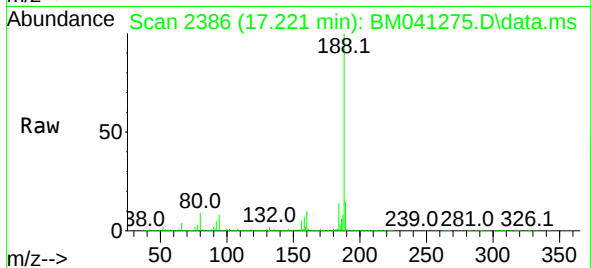
80 9.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#71

Phenanthrene

Concen: 3.817 ng

RT: 17.262 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

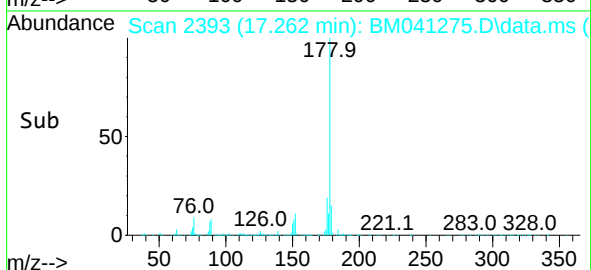
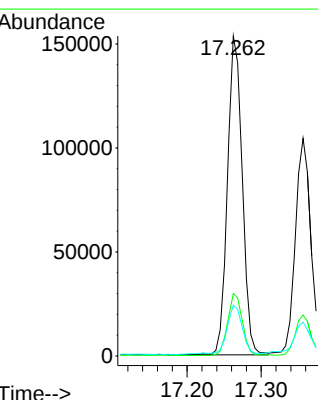
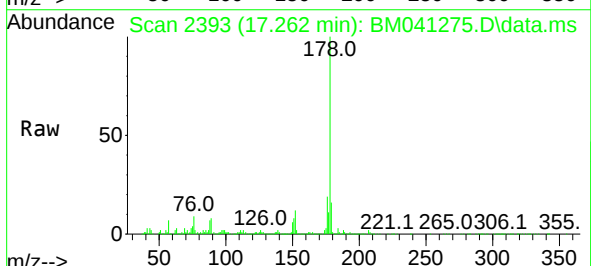
Tgt Ion:178 Resp: 212706

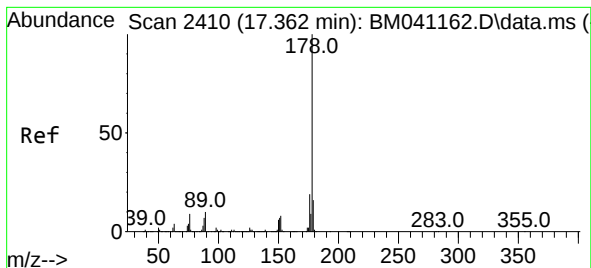
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.8 12.1 18.1





#72

Anthracene

Concen: 2.720 ng

RT: 17.356 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM041275.D

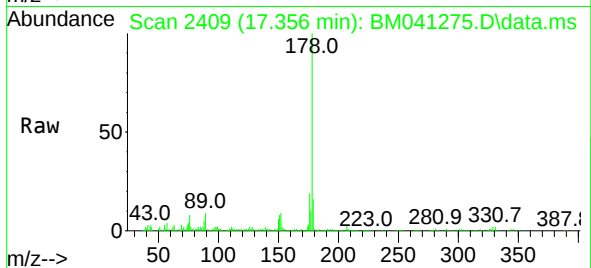
Acq: 03 Aug 2023 23:19

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BUILDING-B-7-(0-5)



Tgt Ion:178 Resp: 14992

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

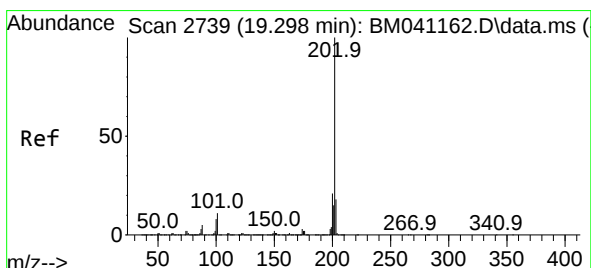
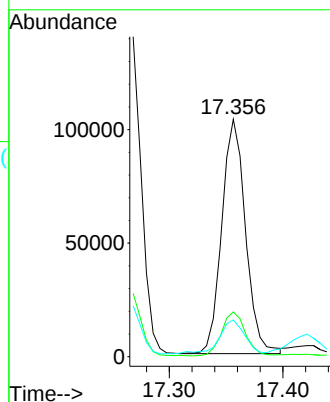
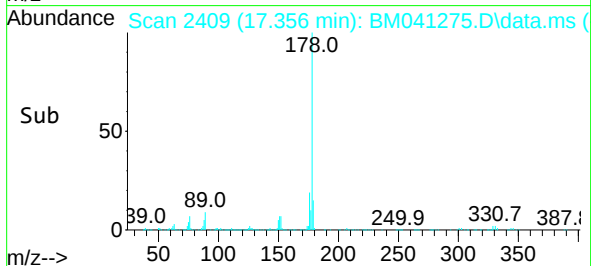
179 15.5 12.4 18.6

Manual Integrations

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Supervised By :mohammad ahmed 08/04/2023



#75

Fluoranthene

Concen: 9.902 ng

RT: 19.292 min Scan# 2738

Delta R.T. -0.000 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

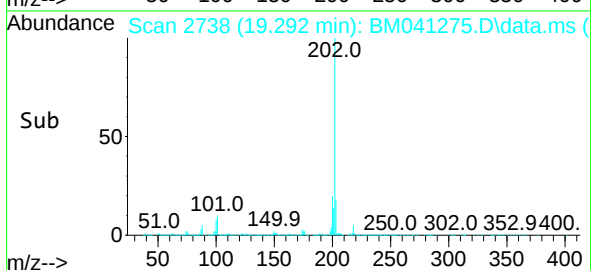
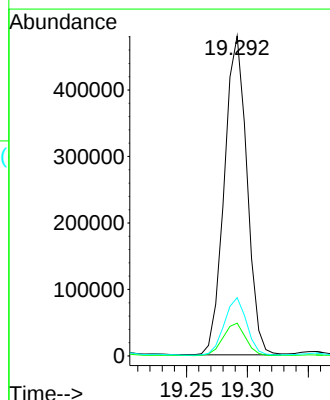
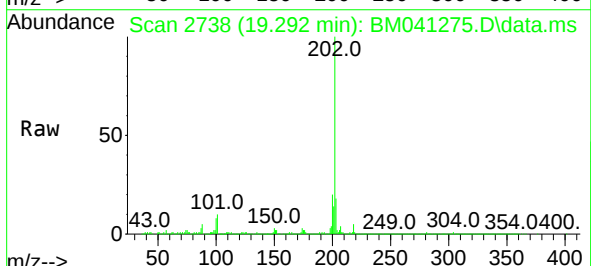
Tgt Ion:202 Resp: 61992

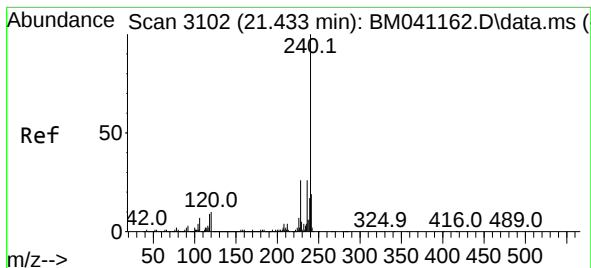
Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.8

203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-7-(0-5)

Tgt Ion:240 Resp: 672009

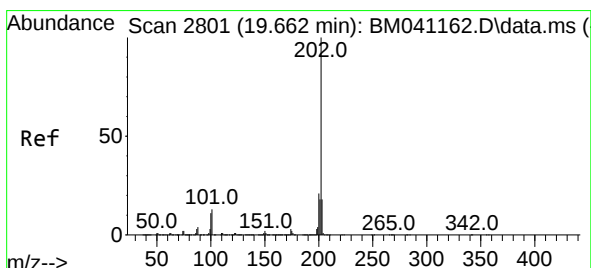
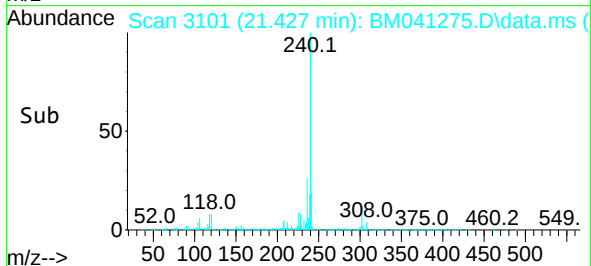
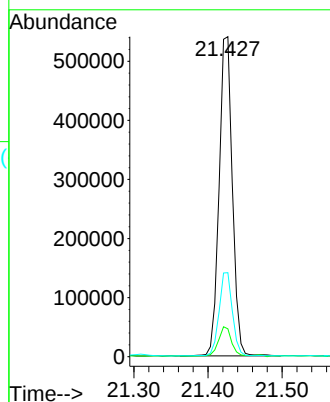
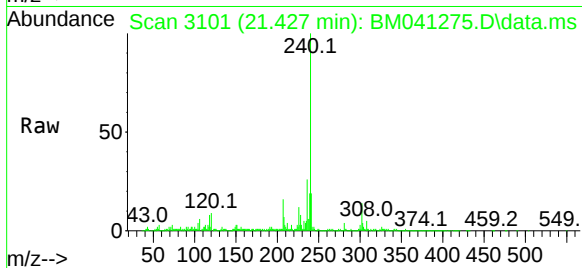
Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.3	12.5
236	26.3	20.6	30.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#78

Pyrene

Concen: 20.622 ng

RT: 19.656 min Scan# 2800

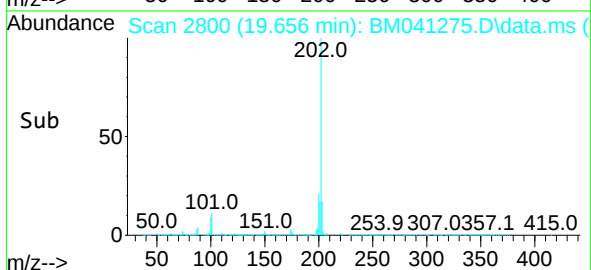
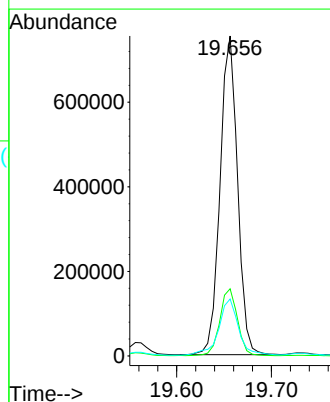
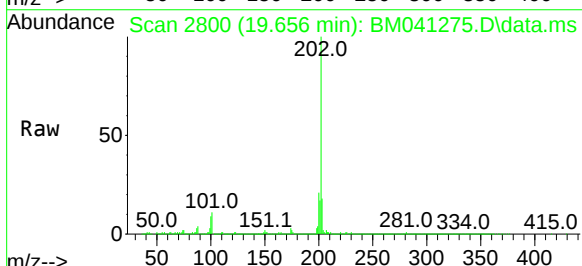
Delta R.T. -0.000 min

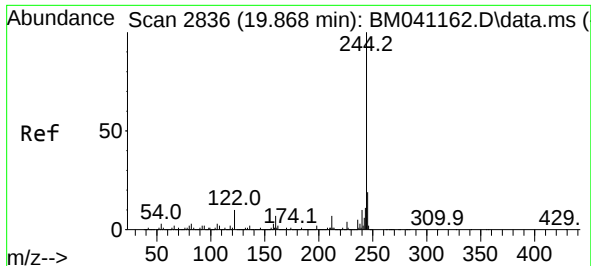
Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

Tgt Ion:202 Resp: 969137

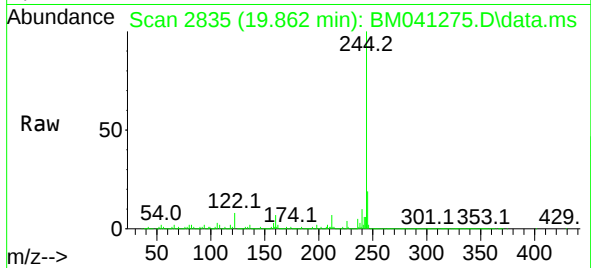
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	14.1	21.1





#79
Terphenyl-d14
Concen: 68.153 ng
RT: 19.862 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

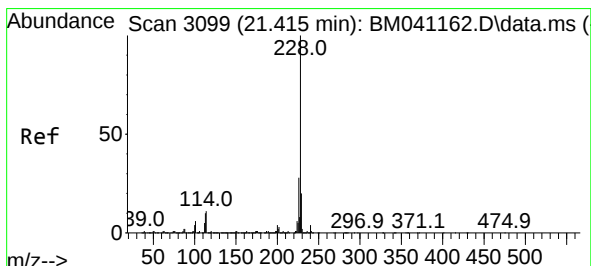
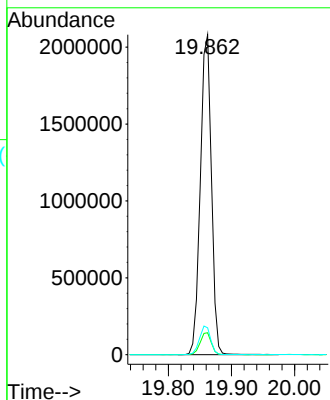
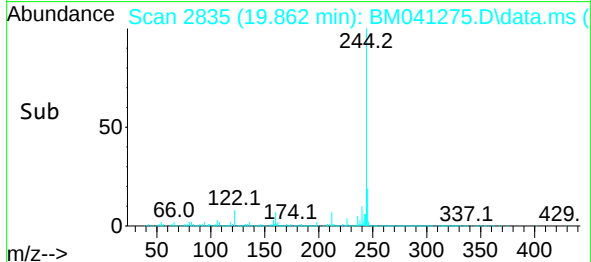
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)



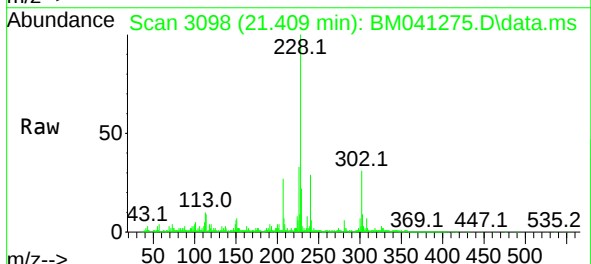
Tgt Ion:244 Resp: 253307
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 8.4 7.8 11.6

Manual Integrations
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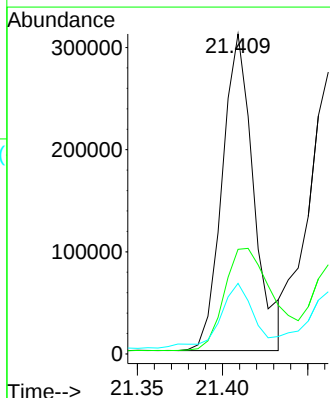
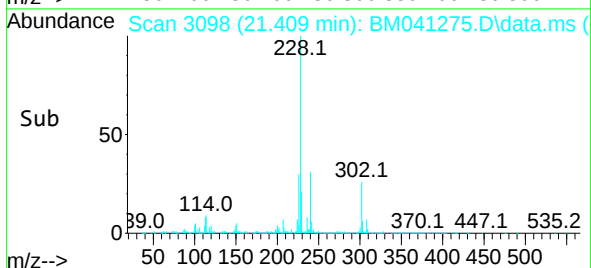
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

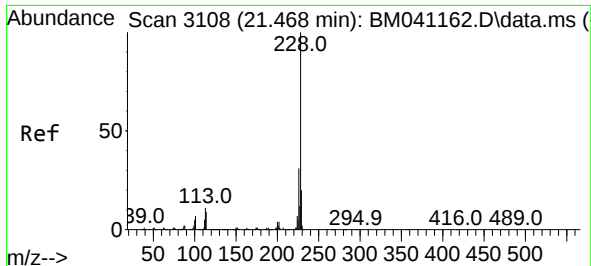


#81
Benzo(a)anthracene
Concen: 8.773 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19



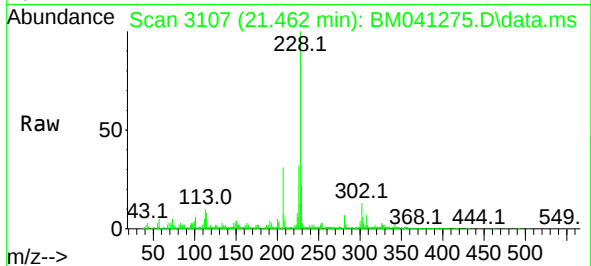
Tgt Ion:228 Resp: 399662
Ion Ratio Lower Upper
228 100
226 32.7 22.4 33.6
229 22.0 15.8 23.8





#83
Chrysene
Concen: 8.566 ng
RT: 21.462 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

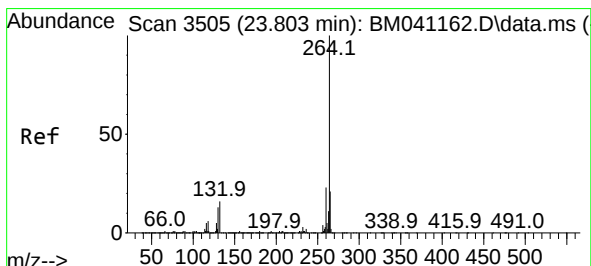
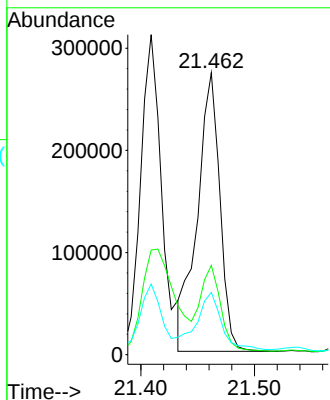
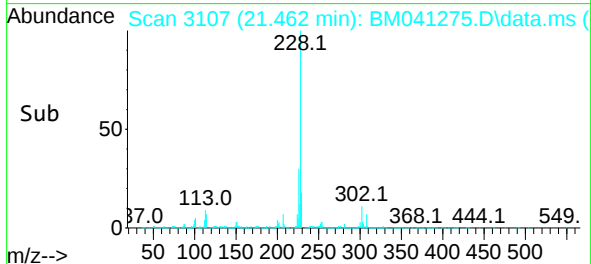
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)



Tgt Ion:228 Resp: 377454
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 22.1 15.8 23.8

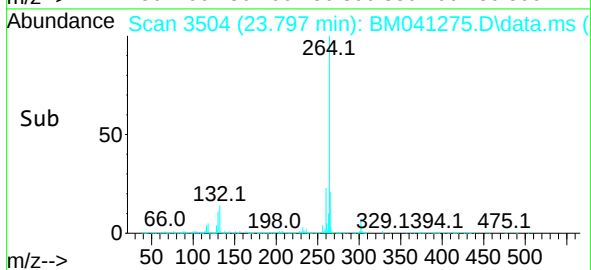
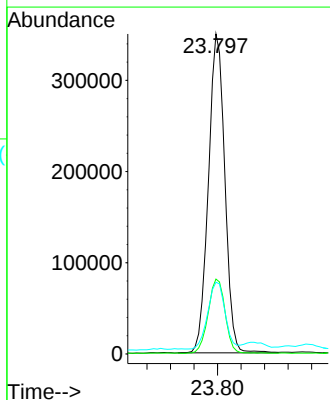
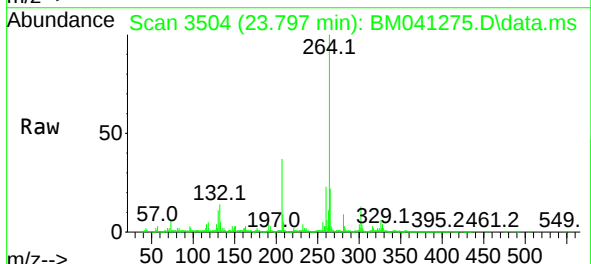
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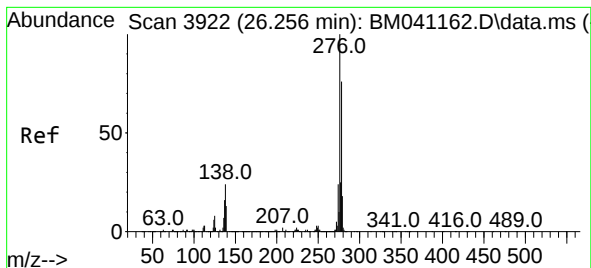
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

Tgt Ion:264 Resp: 679155
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.592 ng

RT: 26.250 min Scan# 3921

Delta R.T. -0.012 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-7-(0-5)

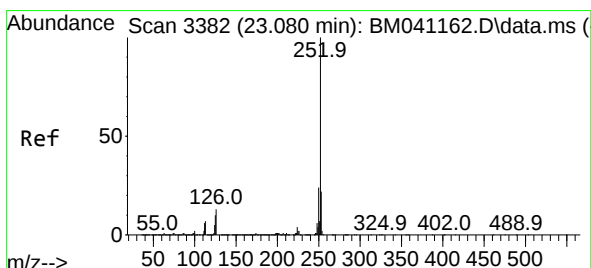
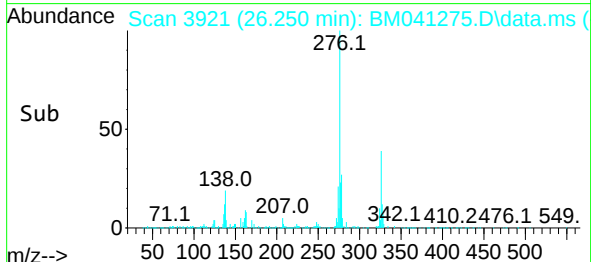
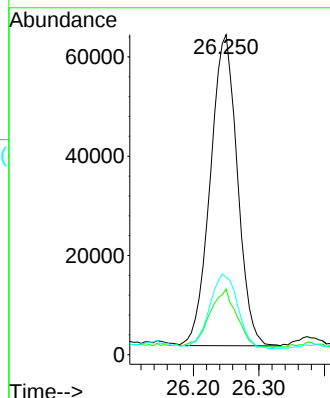
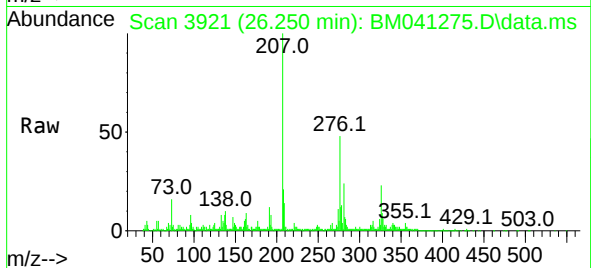
Tgt Ion:	276	Resp:	17936
Ion Ratio	Lower	Upper	
276	100		
138	18.4	20.0	30.0
277	25.2	20.1	30.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#88

Benzo(b)fluoranthene

Concen: 8.960 ng m

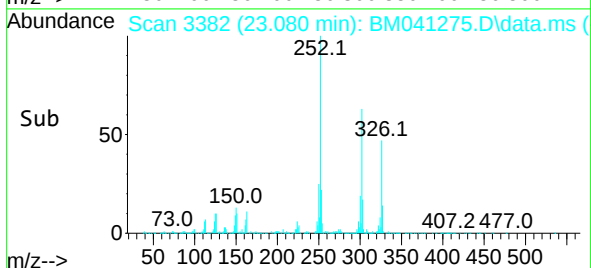
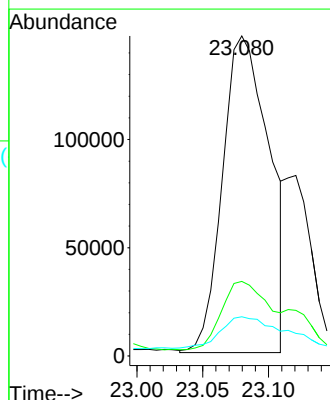
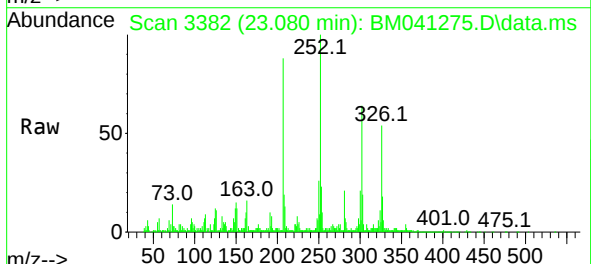
RT: 23.080 min Scan# 3382

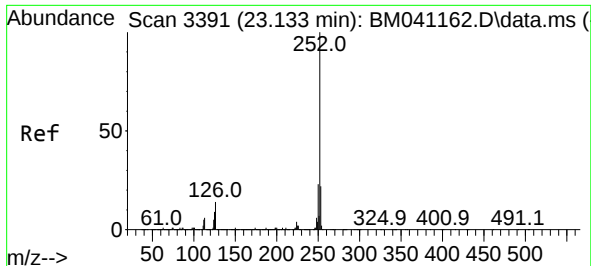
Delta R.T. -0.006 min

Lab File: BM041275.D

Acq: 03 Aug 2023 23:19

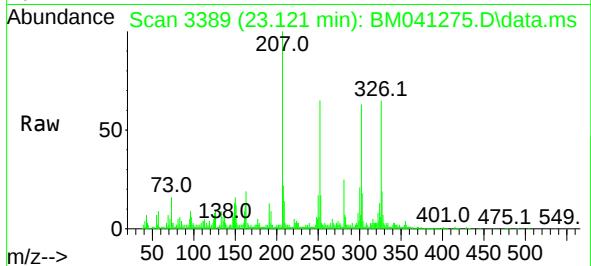
Tgt Ion:	252	Resp:	361514
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.7	26.5
125	12.2	8.2	12.4





#89
Benzo(k)fluoranthene
Concen: 2.761 ng m
RT: 23.121 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

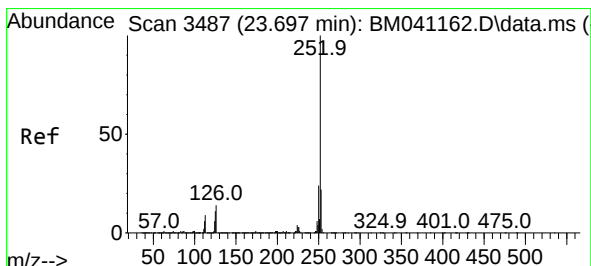
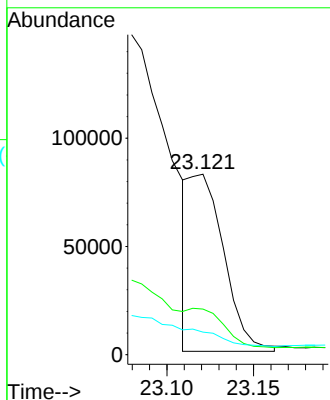
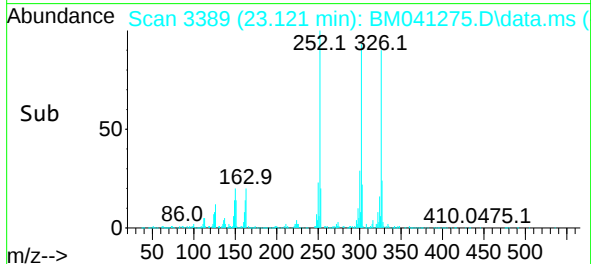
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)



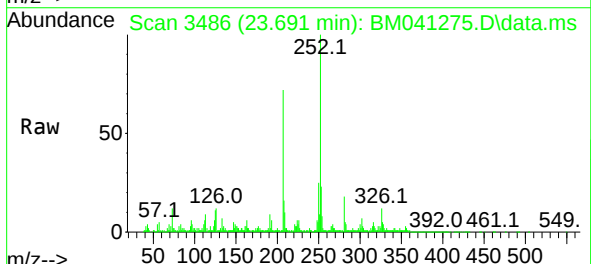
Tgt Ion:252 Resp: 11394
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 12.5 7.6 11.4

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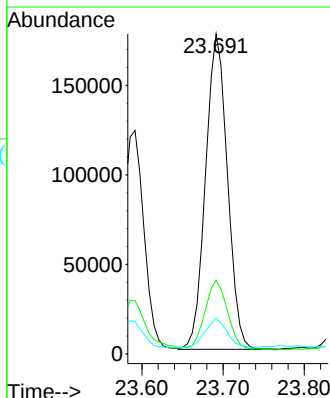
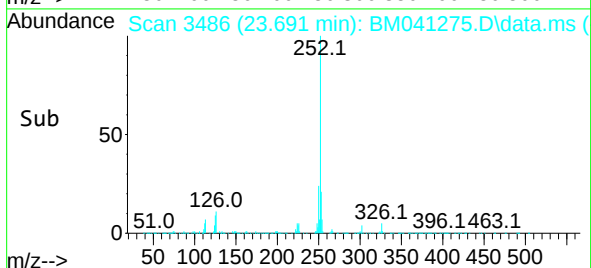
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

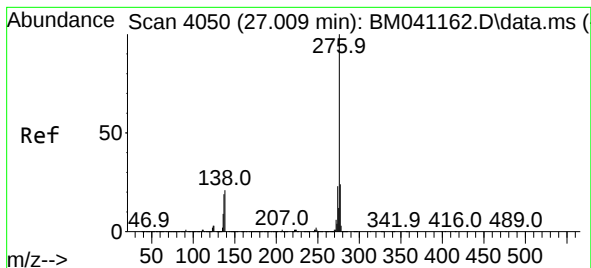


#90
Benzo(a)pyrene
Concen: 8.496 ng
RT: 23.691 min Scan# 3486
Delta R.T. -0.006 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19



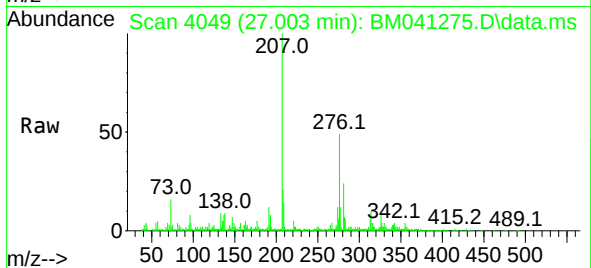
Tgt Ion:252 Resp: 329376
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 11.3 9.0 13.4





#92
Benzo(g,h,i)perylene
Concen: 4.850 ng
RT: 27.003 min Scan# 4049
Delta R.T. -0.012 min
Lab File: BM041275.D
Acq: 03 Aug 2023 23:19

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-7-(0-5)



Tgt Ion: 276 Resp: 19763
Ion Ratio Lower Upper
276 100
277 24.7 19.1 28.7
138 19.2 17.1 25.7

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/04/2023
Supervised By : mohammad ahmed 08/04/2023

