

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134718.D
 Acq On : 10 Aug 2023 20:03
 Operator : CG\JU
 Sample : 03956-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP23A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 03:57:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	200187	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	761725	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	355604	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	562192	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	398427	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	348545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	963067	73.130	ng	0.00
7) Phenol-d6	6.440	99	1191594	70.783	ng	0.00
23) Nitrobenzene-d5	7.363	82	729744	59.869	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	278239	76.755	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1316693	61.564	ng	0.00
79) Terphenyl-d14	12.916	244	1205983	53.359	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.539	202	64581	2.047	ng	96
78) Pyrene	12.763	202	81936	2.377	ng	96
88) Benzo(b)fluoranthene	15.010	252	57504m	2.705	ng	
90) Benzo(a)pyrene	15.374	252	42458	2.142	ng	# 94

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

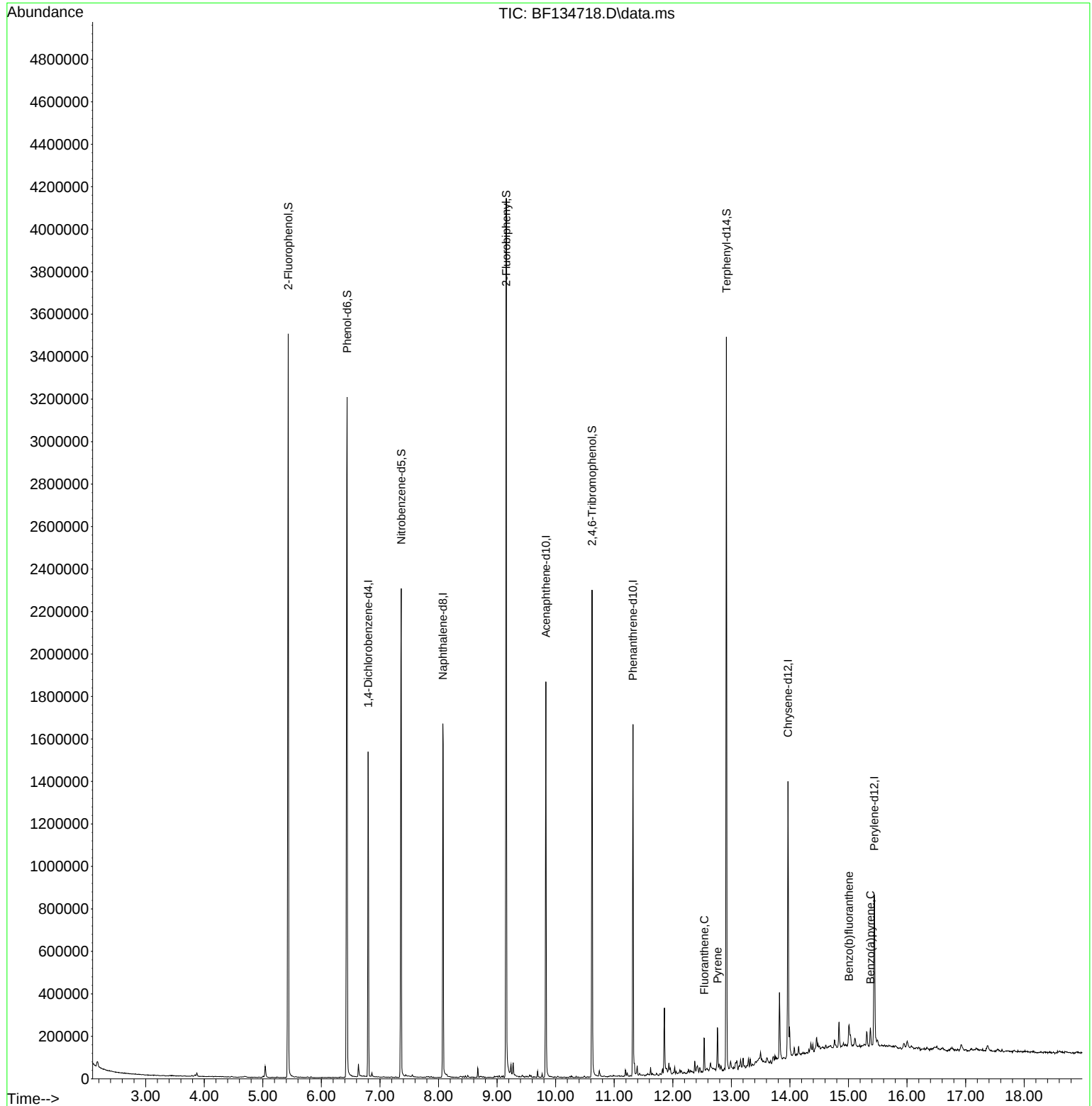
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134718.D
Acq On : 10 Aug 2023 20:03
Operator : CG\JU
Sample : 03956-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

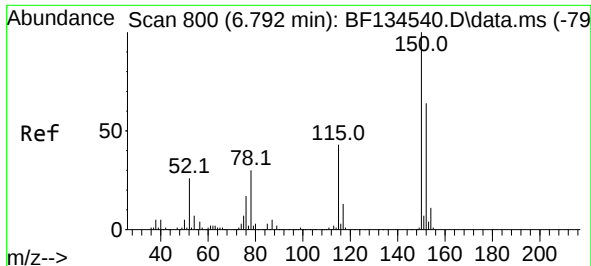
Instrument :
BNA_F
ClientSampleId :
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Supervised By :mohammad ahmed 08/11/2023

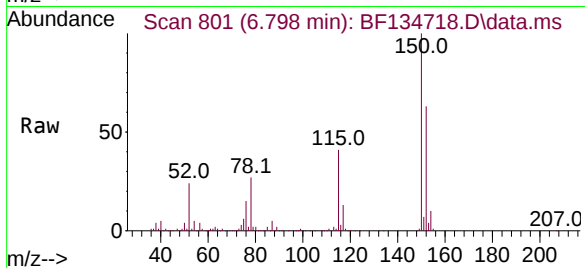
Quant Time: Aug 11 03:57:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

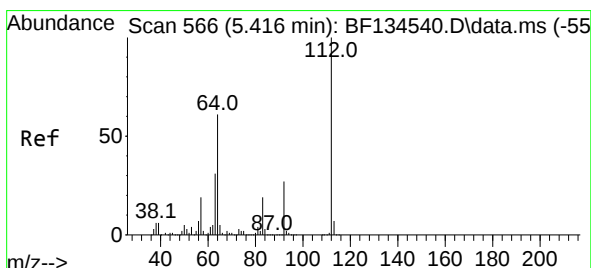
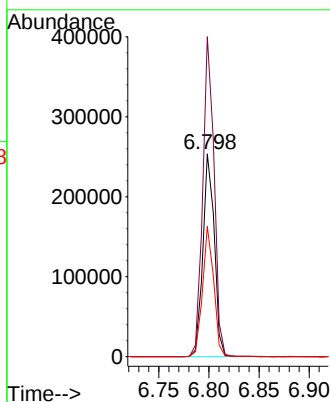
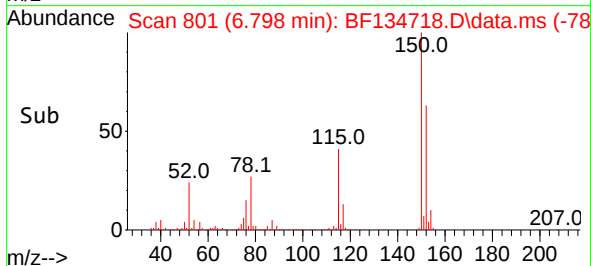
Instrument :
BNA_F
ClientSampleId :
B-PP23A



Tgt Ion:152 Resp: 200187
Ion Ratio Lower Upper
152 100
150 157.7 128.3 192.5
115 64.2 52.4 78.6

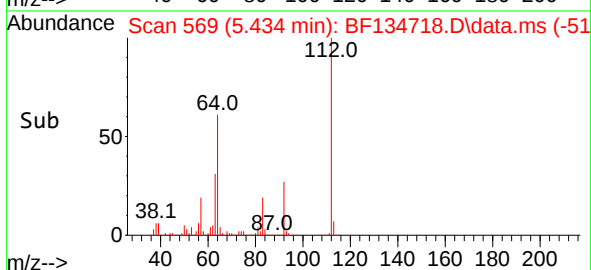
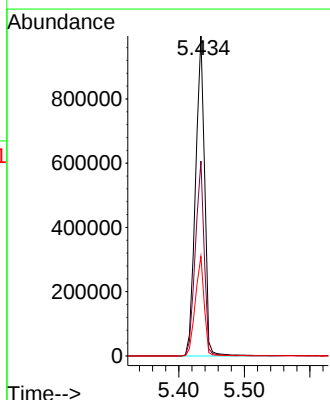
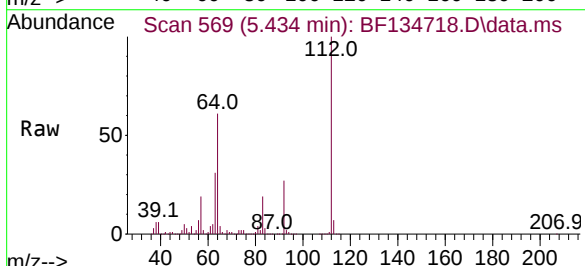
Manual Integrations
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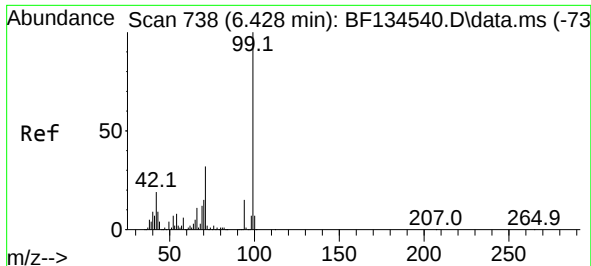
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#5
2-Fluorophenol
Concen: 73.130 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

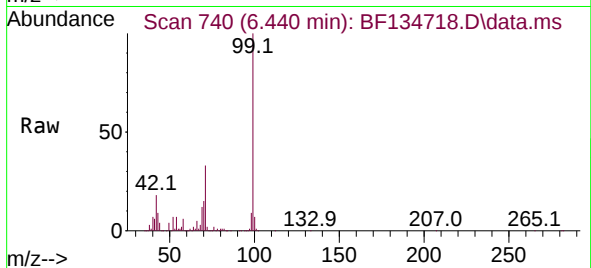
Tgt Ion:112 Resp: 963067
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 31.1 25.4 38.0





#7
Phenol-d6
Concen: 70.783 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

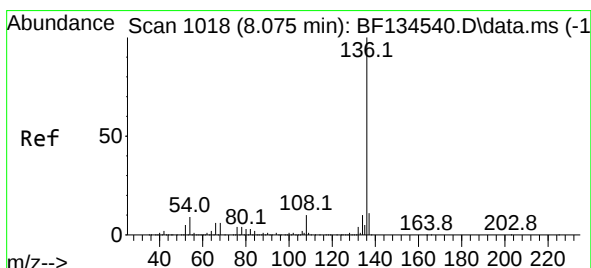
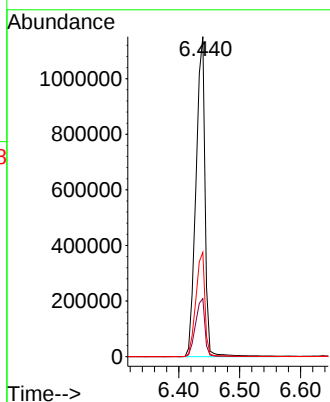
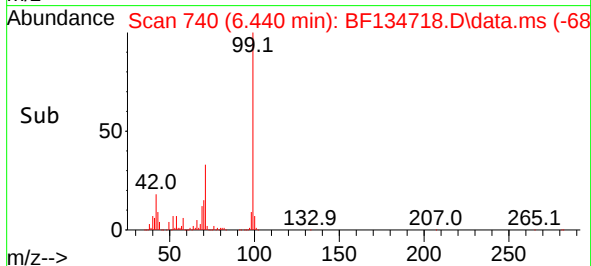
Instrument :
BNA_F
Client SampleId :
B-PP23A



Tgt Ion: 99 Resp: 1191594
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 32.6 36.4 54.6#

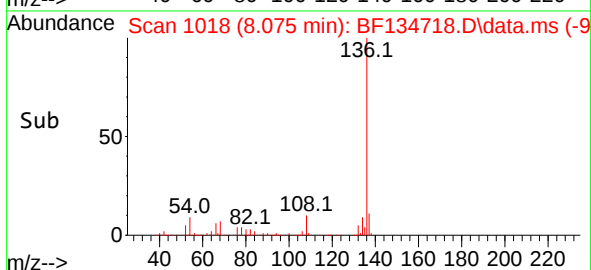
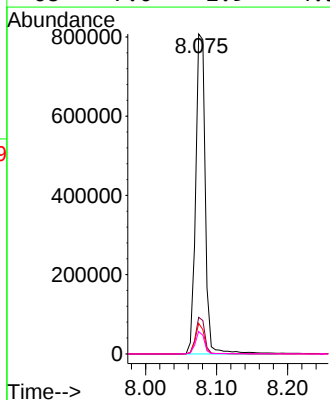
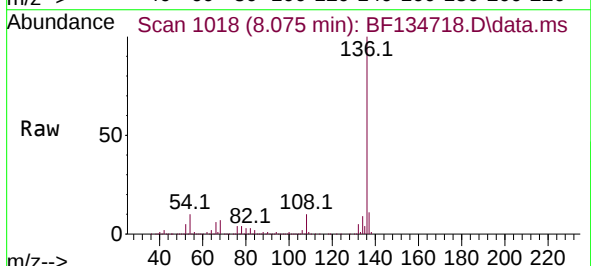
Manual Integrations
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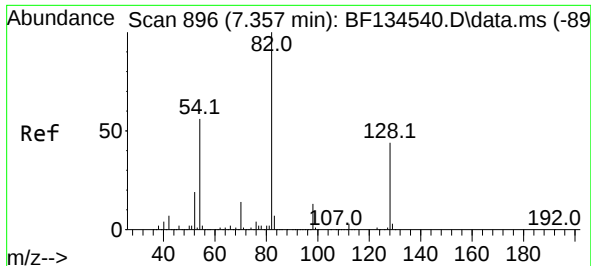
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

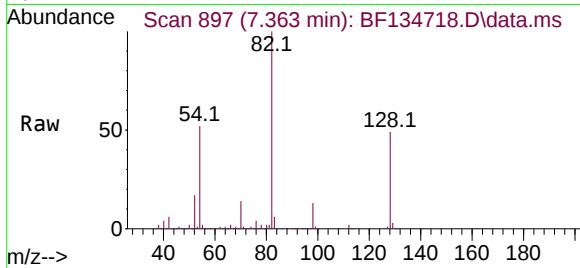
Tgt Ion:136 Resp: 761725
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.5 5.2 7.8#
68 7.0 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 59.869 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

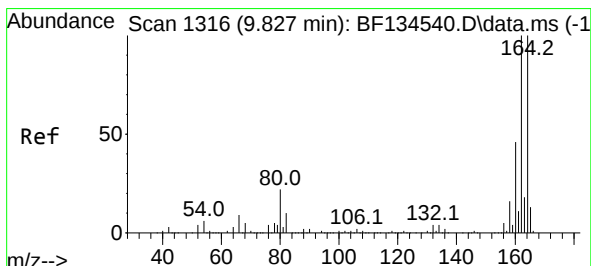
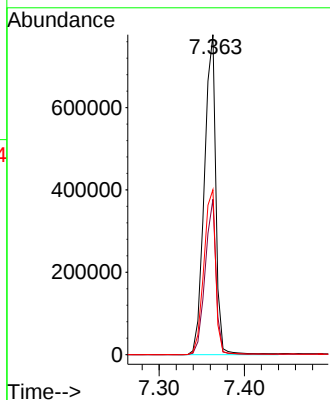
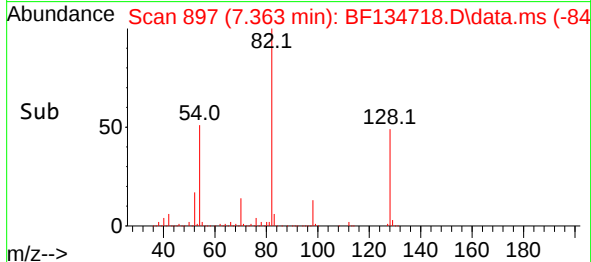
Instrument :
BNA_F
ClientSampleId :
B-PP23A



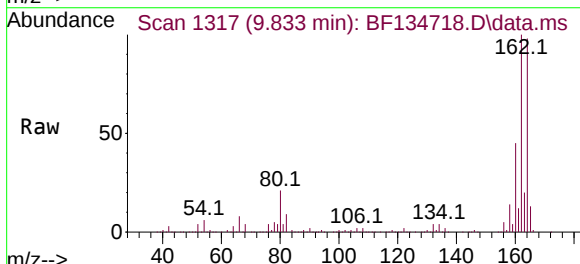
Tgt Ion: 82 Resp: 729744
Ion Ratio Lower Upper
82 100
128 48.5 34.3 51.5
54 51.5 43.8 65.6

Manual Integrations
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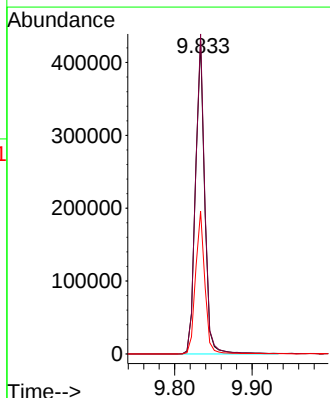
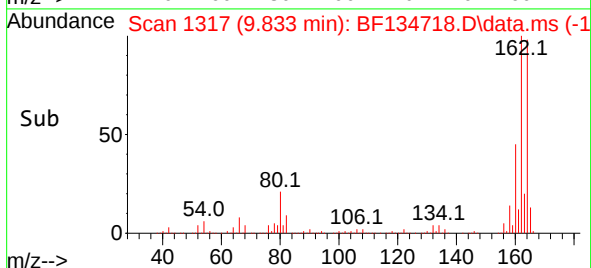
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

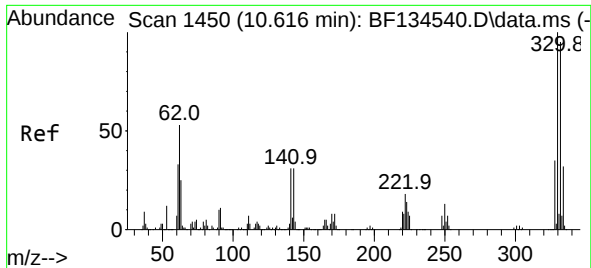


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03



Tgt Ion:164 Resp: 355604
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 45.6 37.2 55.8





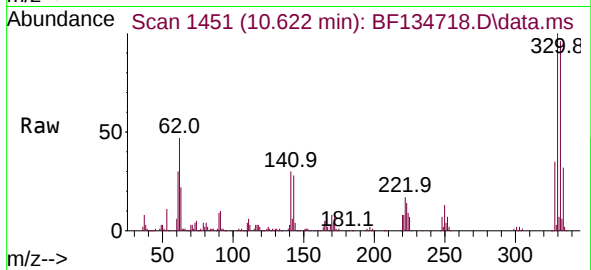
#42
2,4,6-Tribromophenol
Concen: 76.755 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-PP23A



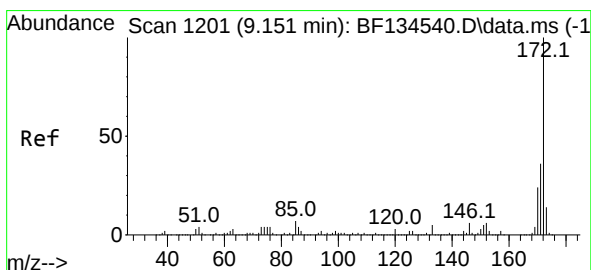
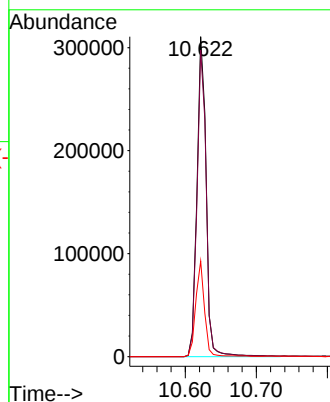
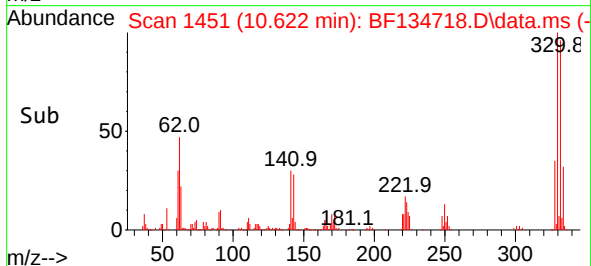
Tgt Ion: 330 Resp: 278239
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 28.8 25.4 38.2

Manual Integrations

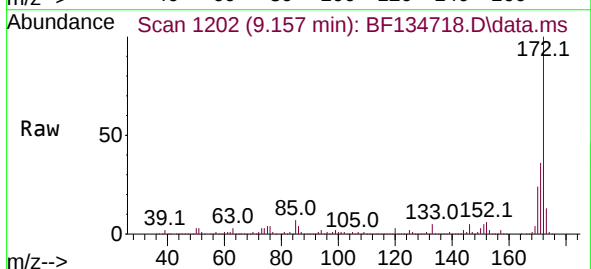
APPROVED

Reviewed By : Yogesh Patel 08/11/2023

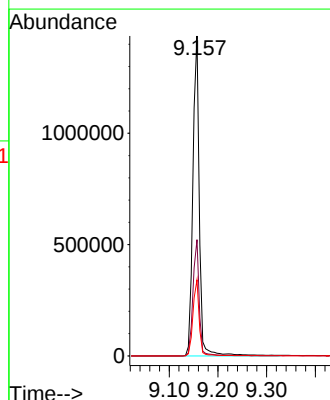
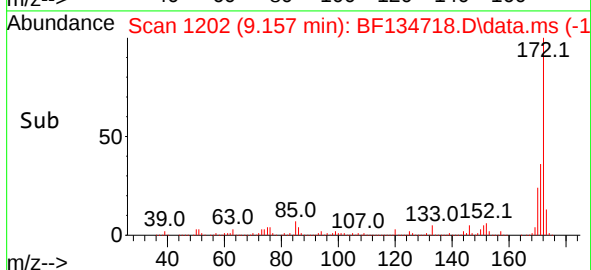
Supervised By : mohammad ahmed 08/11/2023

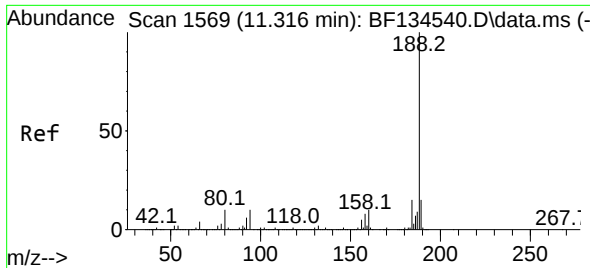


#45
2-Fluorobiphenyl
Concen: 61.564 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03



Tgt Ion: 172 Resp: 1316693
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.8 18.7 28.1





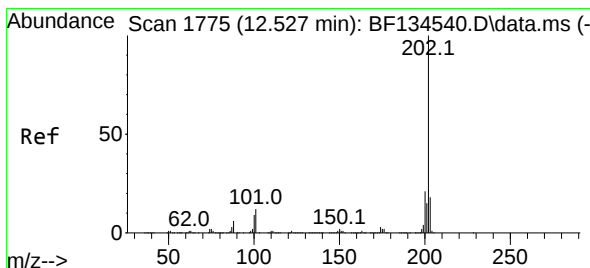
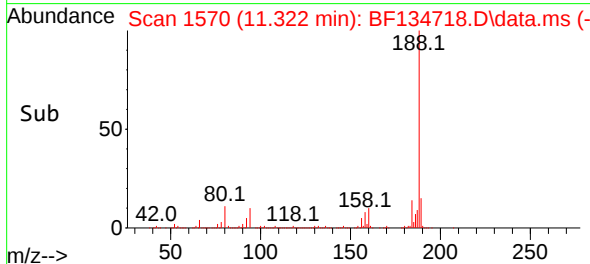
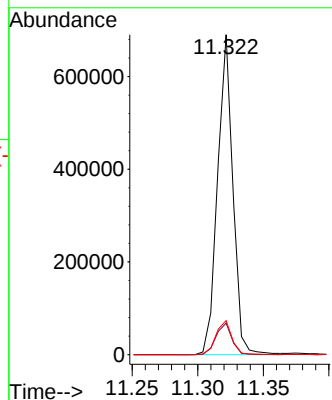
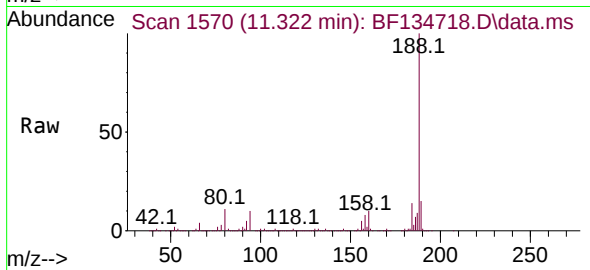
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

Instrument :
BNA_F
ClientSampleId :
B-PP23A

Tgt Ion:188 Resp: 562192
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7
80 10.6 6.6 9.8

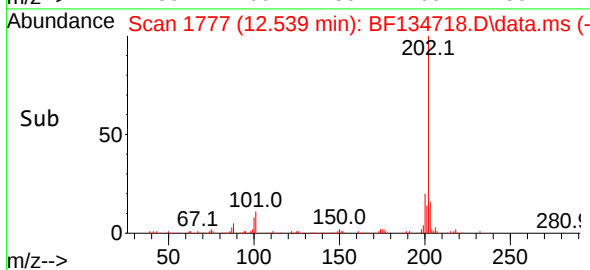
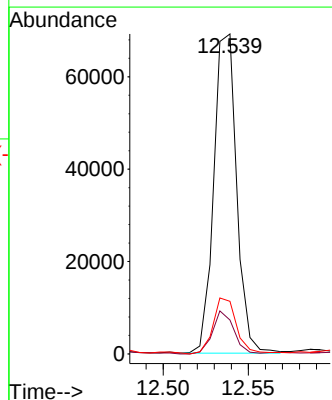
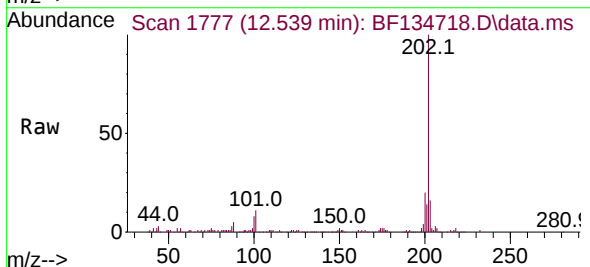
Manual Integrations
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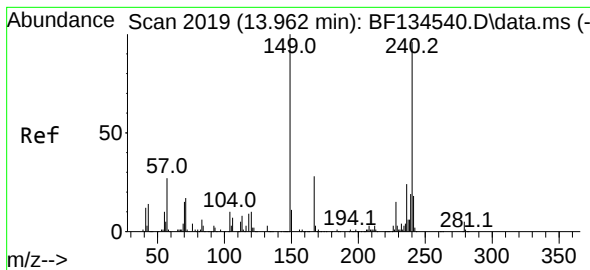
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#75
Fluoranthene
Concen: 2.047 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

Tgt Ion:202 Resp: 64581
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.5
203 16.4 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134718.D

Acq: 10 Aug 2023 20:03

Instrument :

BNA_F

ClientSampleId :

B-PP23A

Tgt Ion:240 Resp: 39842

Ion Ratio Lower Upper

240 100

120 12.2 6.6 10.0

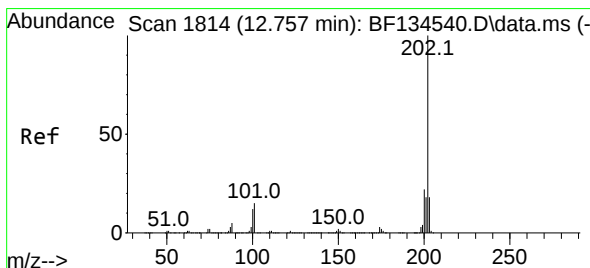
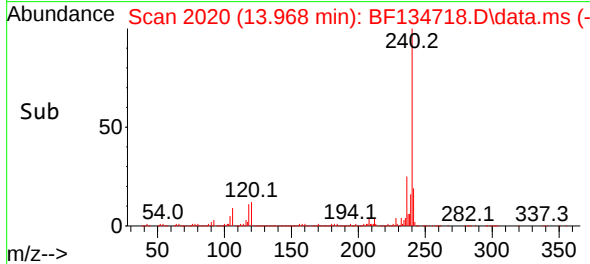
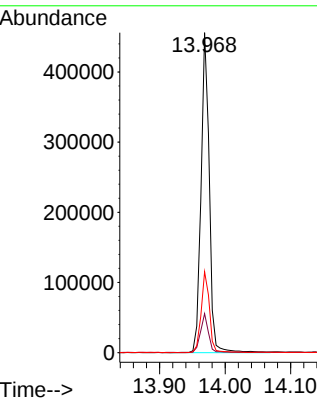
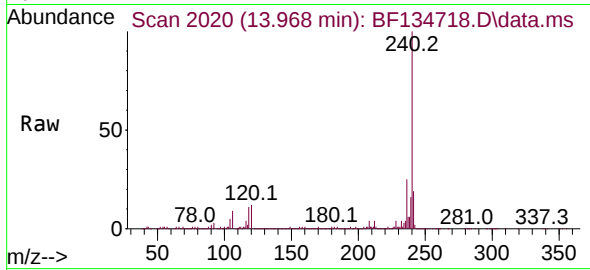
236 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/11/2023



#78

Pyrene

Concen: 2.377 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134718.D

Acq: 10 Aug 2023 20:03

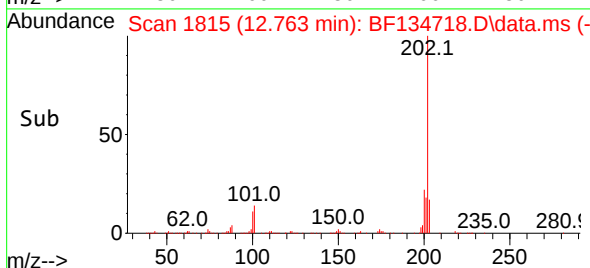
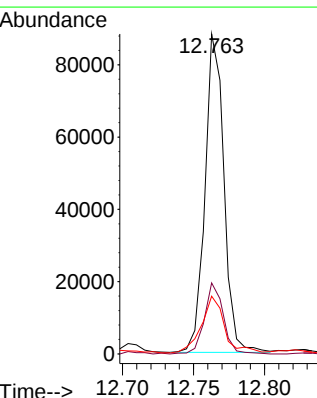
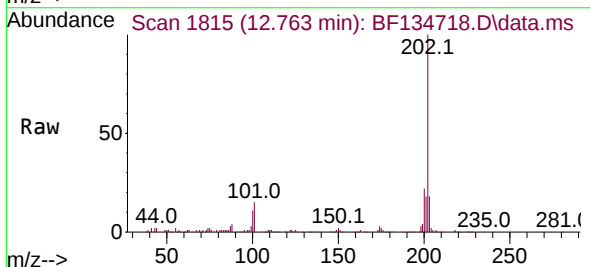
Tgt Ion:202 Resp: 81936

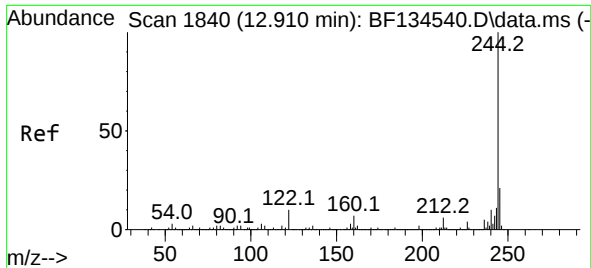
Ion Ratio Lower Upper

202 100

200 22.2 15.8 23.8

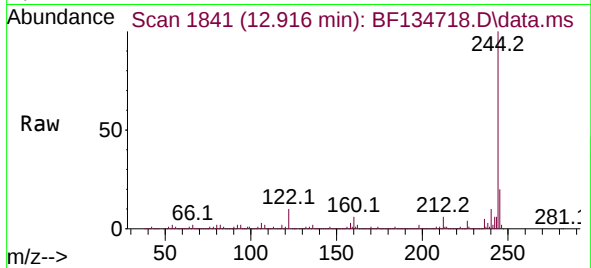
203 18.0 13.5 20.3





#79
Terphenyl-d14
Concen: 53.359 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

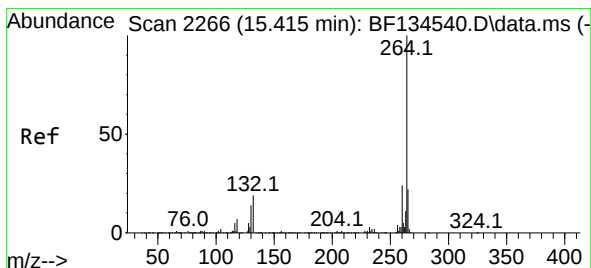
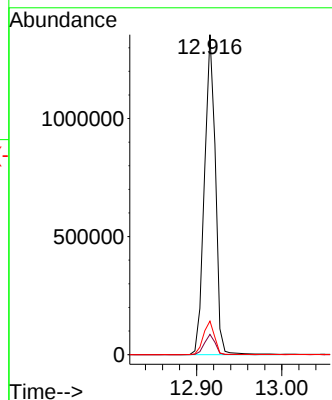
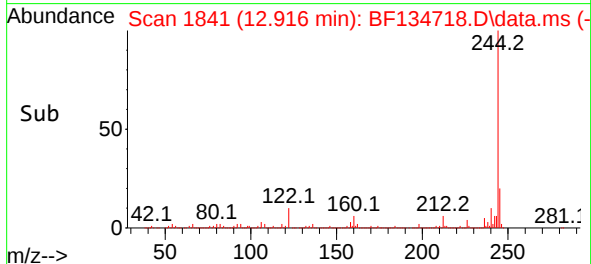
Instrument :
BNA_F
ClientSampleId :
B-PP23A



Tgt Ion:244 Resp: 1205983
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.5 8.0 12.0

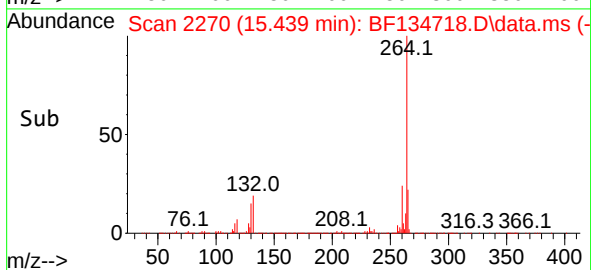
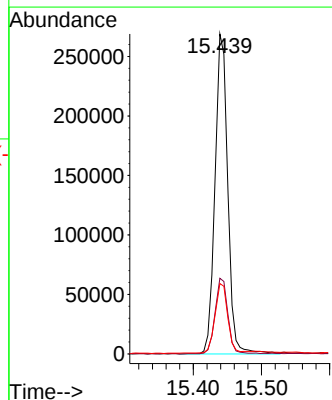
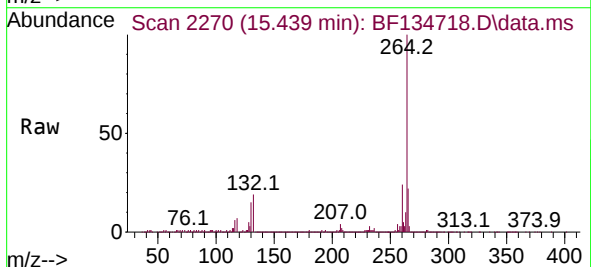
Manual Integrations
APPROVED

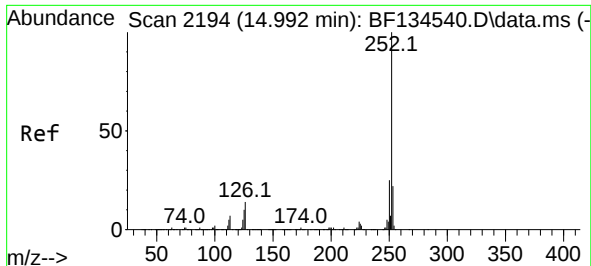
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

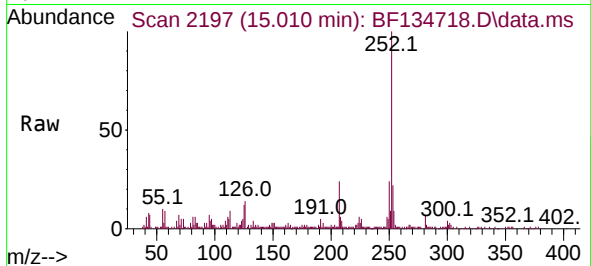
Tgt Ion:264 Resp: 348545
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.0 15.8 23.8





#88
Benzo(b)fluoranthene
Concen: 2.705 ng m
RT: 15.010 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

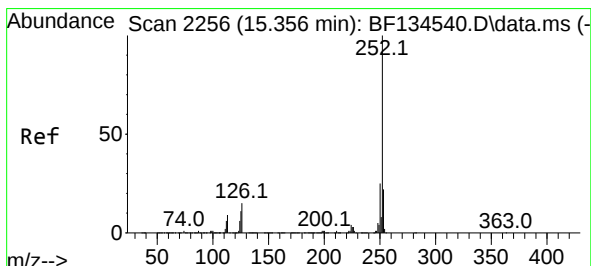
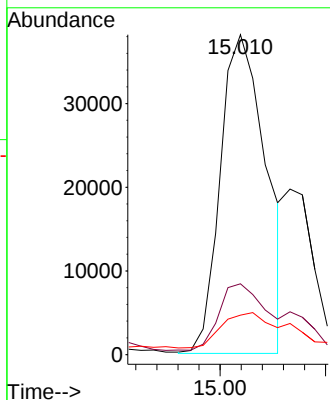
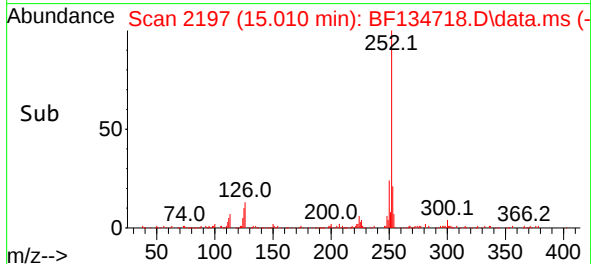
Instrument :
BNA_F
ClientSampleId :
B-PP23A



Tgt Ion:252 Resp: 57504
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 12.3 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#90
Benzo(a)pyrene
Concen: 2.142 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF134718.D
Acq: 10 Aug 2023 20:03

Tgt Ion:252 Resp: 42458
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 12.8 6.2 9.4

