

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134716.D
 Acq On : 10 Aug 2023 18:59
 Operator : CG\JU
 Sample : 03954-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17

Manual Integrations
 APPROVED

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

Quant Time: Aug 11 03:56:46 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	187900	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	716779	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	339209	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	539790	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	368927	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	329311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	782044	63.267	ng	0.00
7) Phenol-d6	6.434	99	985355	62.360	ng	0.00
23) Nitrobenzene-d5	7.357	82	570951	49.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	226977	65.640	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1047562	51.348	ng	0.00
79) Terphenyl-d14	12.916	244	951973	45.489	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	154006	5.371	ng	98
75) Fluoranthene	12.533	202	128976	4.259	ng	96
78) Pyrene	12.763	202	112018	3.509	ng	99
88) Benzo(b)fluoranthene	15.010	252	45410m	2.261	ng	

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

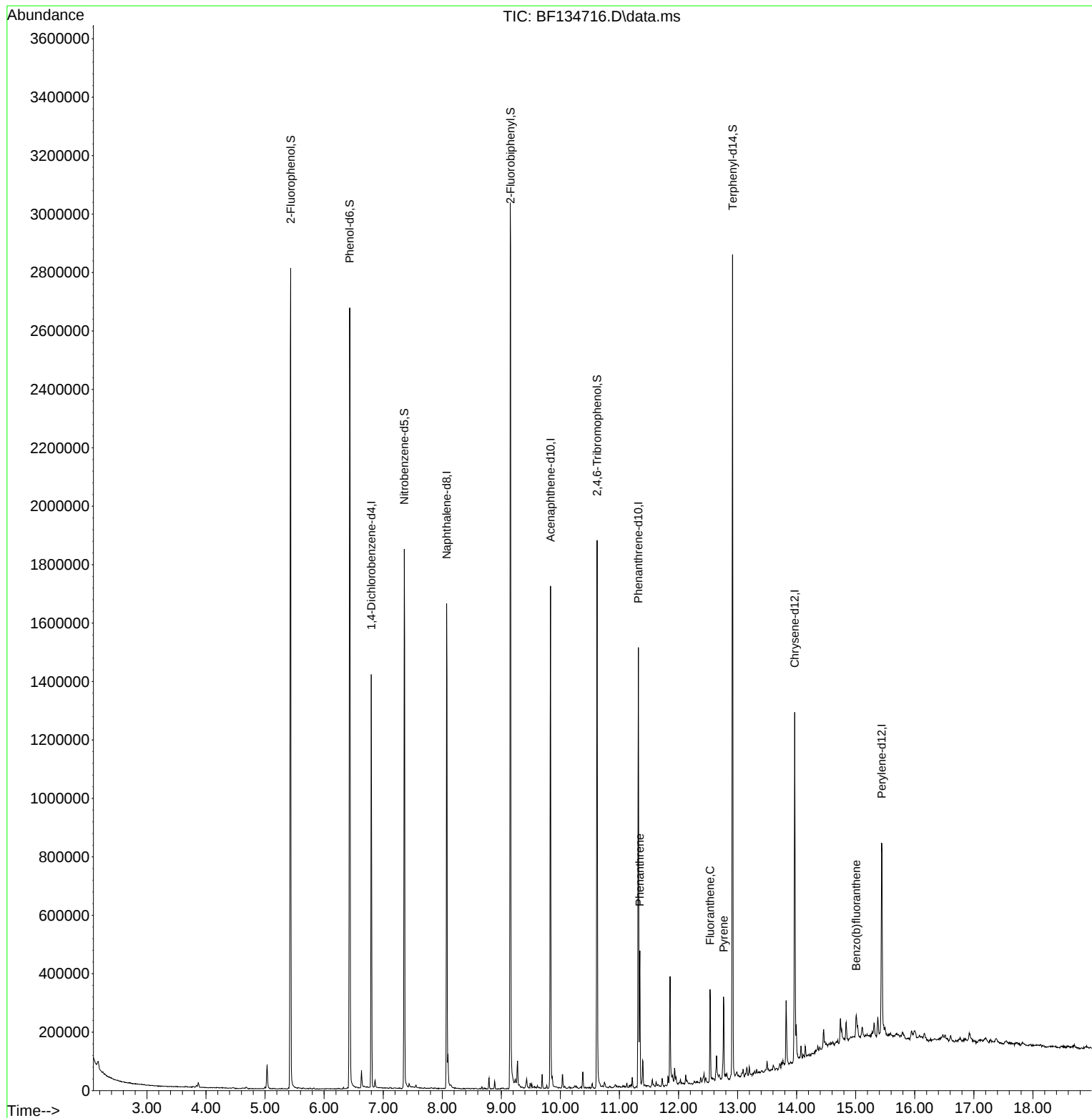
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134716.D
Acq On : 10 Aug 2023 18:59
Operator : CG\JU
Sample : 03954-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

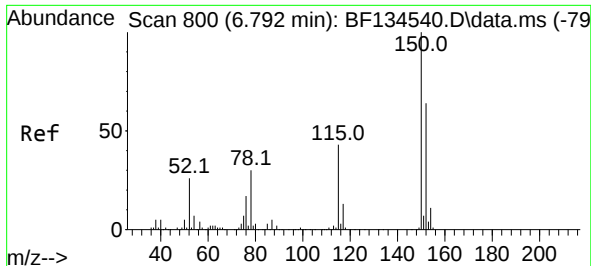
Instrument :
BNA_F
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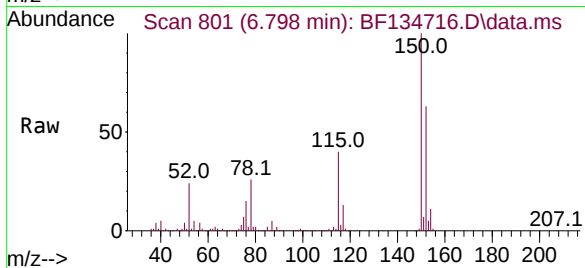
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134716.D
 Acq: 10 Aug 2023 18:59

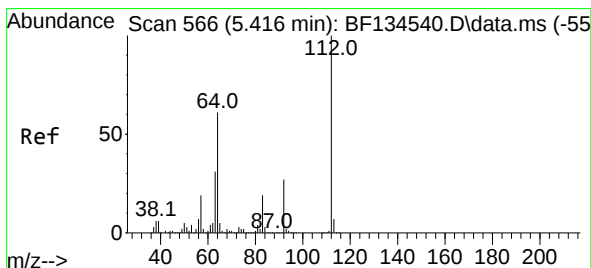
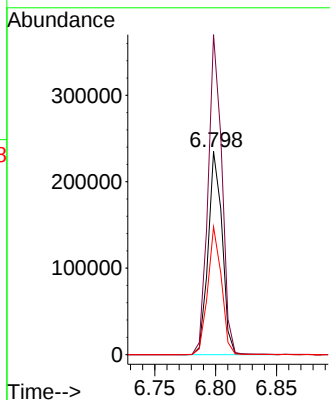
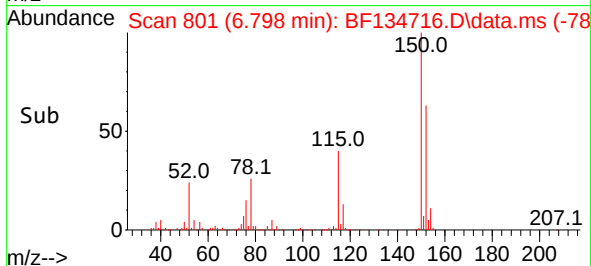
Instrument :
 BNA_F
 ClientSampleId :
 WC-17



Tgt Ion:152 Resp: 187900
 Ion Ratio Lower Upper
 152 100
 150 157.5 128.3 192.5
 115 62.9 52.4 78.6

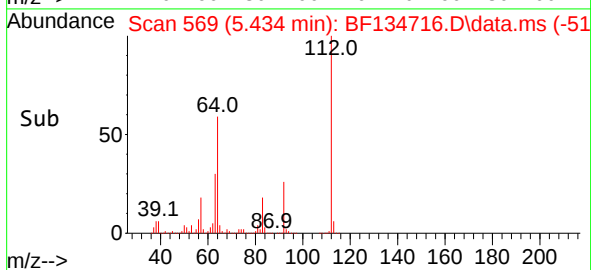
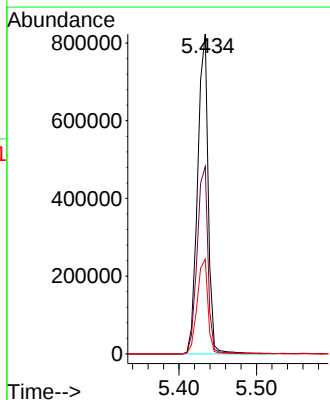
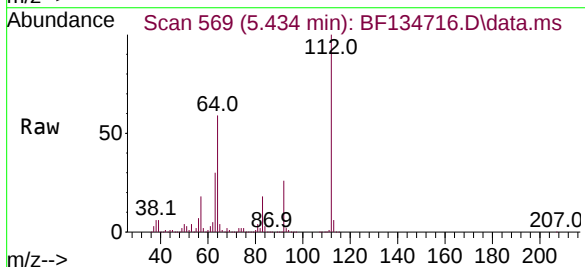
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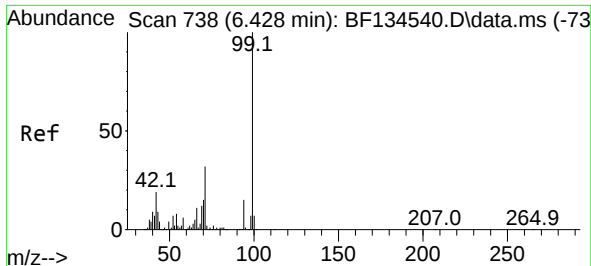
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/11/2023



#5
 2-Fluorophenol
 Concen: 63.267 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134716.D
 Acq: 10 Aug 2023 18:59

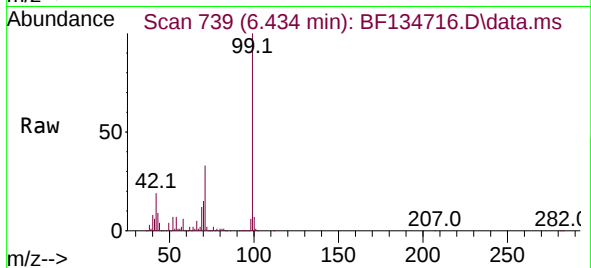
Tgt Ion:112 Resp: 782044
 Ion Ratio Lower Upper
 112 100
 64 58.5 44.9 67.3
 63 29.6 25.4 38.0





#7
Phenol-d6
Concen: 62.360 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

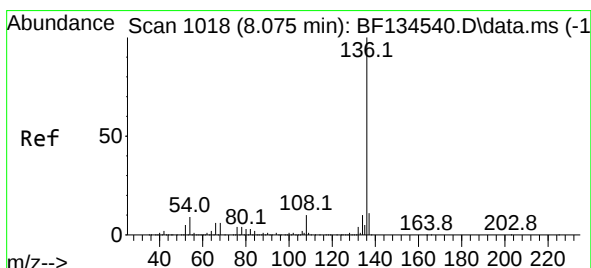
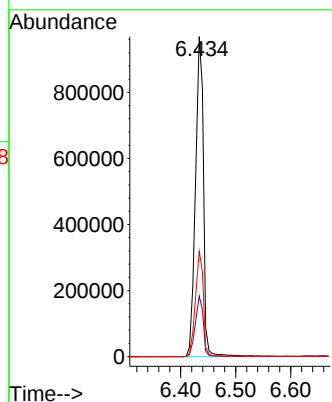
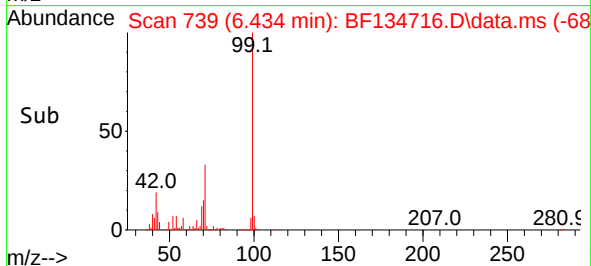
Instrument :
BNA_F
ClientSampleId :
WC-17



Tgt Ion: 99 Resp: 98535
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 32.9 36.4 54.6

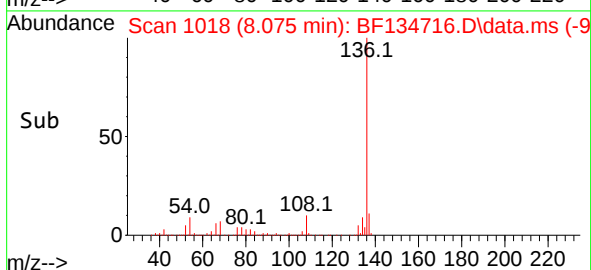
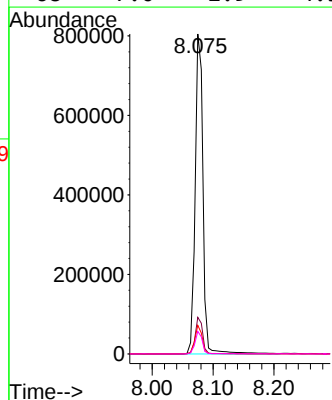
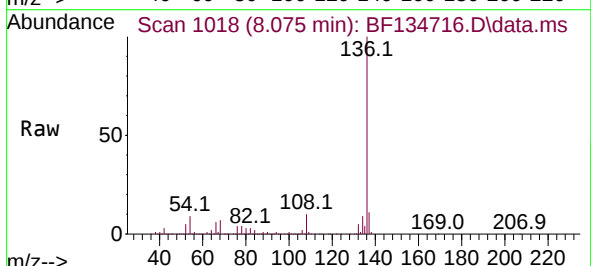
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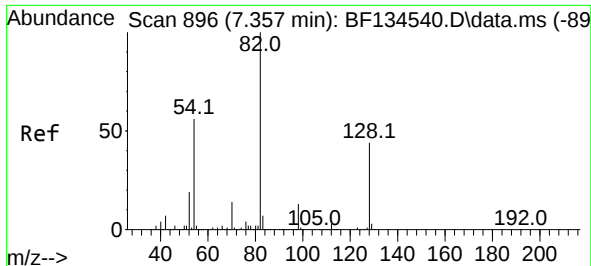
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Tgt Ion:136 Resp: 716779
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.9 5.2 7.8#
68 7.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 49.779 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134716.D

Acq: 10 Aug 2023 18:59

Instrument :

BNA_F

ClientSampleId :

WC-17

Tgt Ion: 82 Resp: 57095

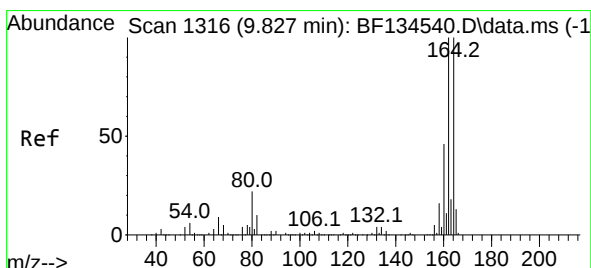
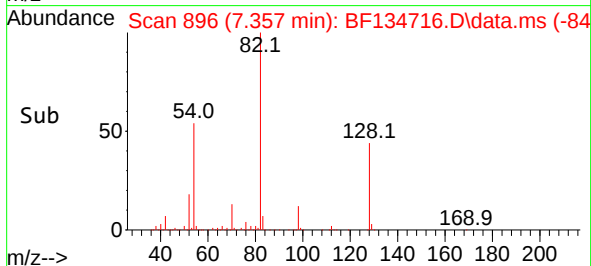
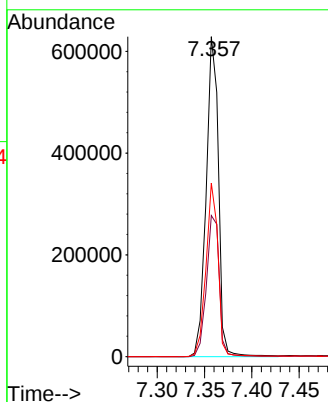
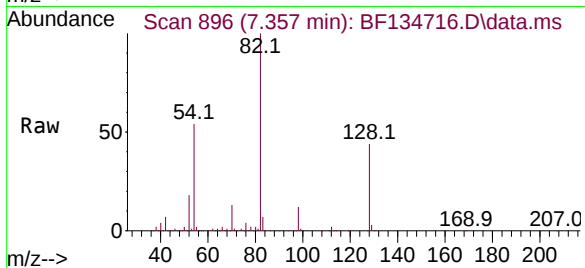
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.3	51.5
54	54.2	43.8	65.6

Manual Integrations

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Supervised By :mohammad ahmed 08/11/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

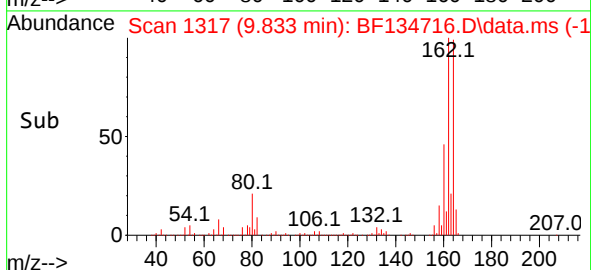
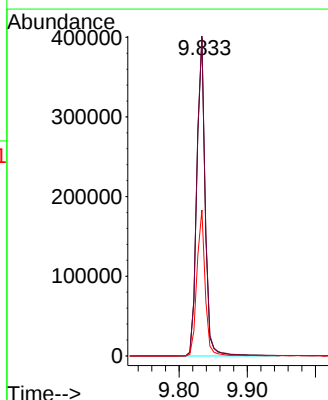
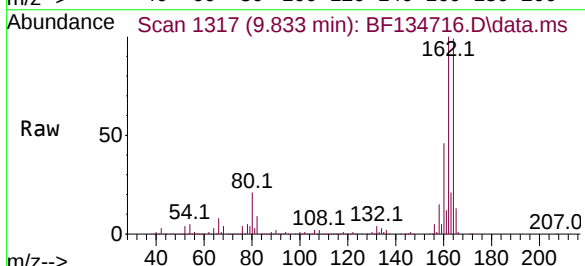
Delta R.T. 0.000 min

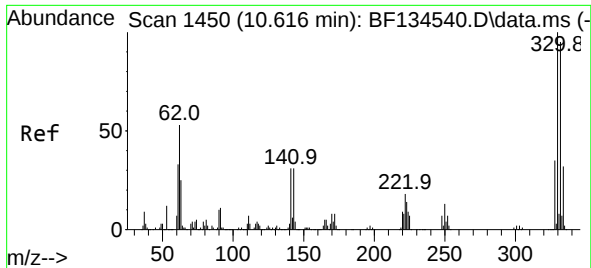
Lab File: BF134716.D

Acq: 10 Aug 2023 18:59

Tgt Ion:164 Resp: 339209

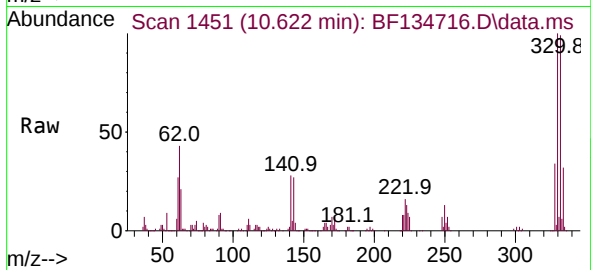
Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	45.9	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 65.640 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

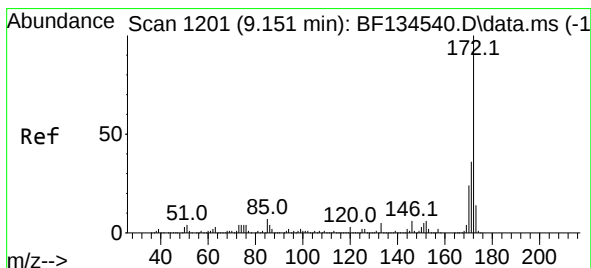
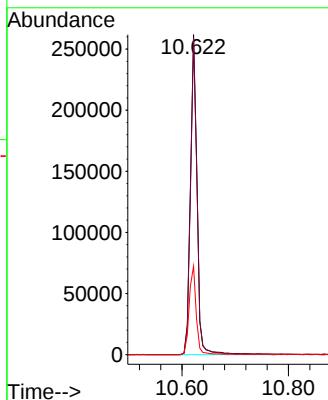
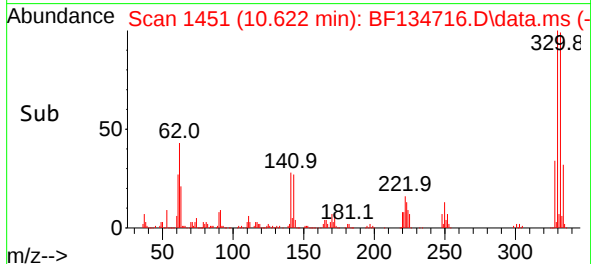
Instrument :
BNA_F
ClientSampleId :
WC-17



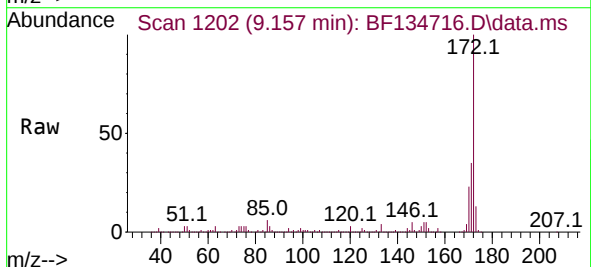
Tgt Ion: 330 Resp: 226972
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 29.2 25.4 38.2

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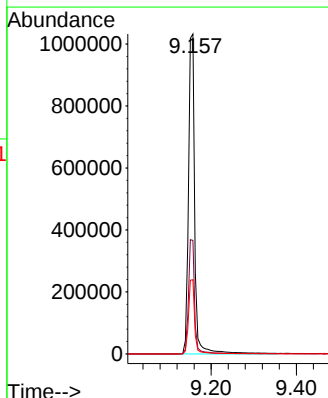
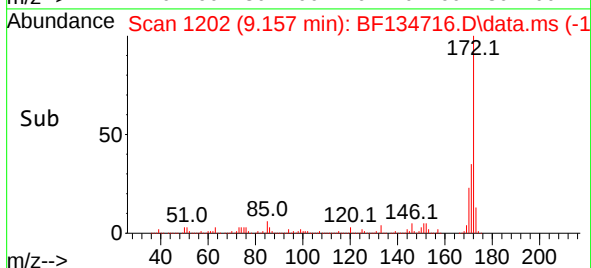
Reviewed By : Yogesh Patel 08/11/2023
Supervised By : mohammad ahmed 08/11/2023

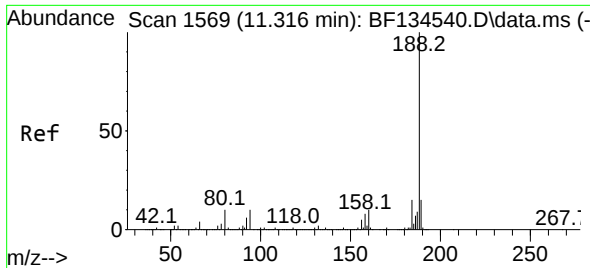


#45
2-Fluorobiphenyl
Concen: 51.348 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59



Tgt Ion: 172 Resp: 1047562
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.2 18.7 28.1





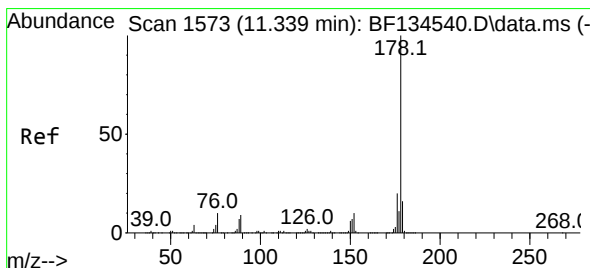
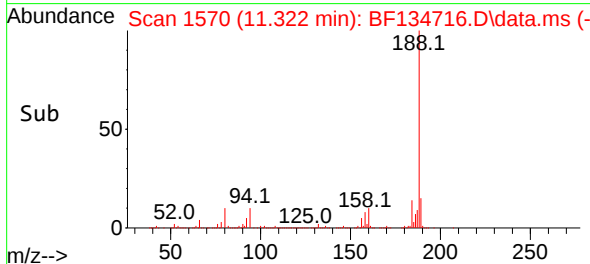
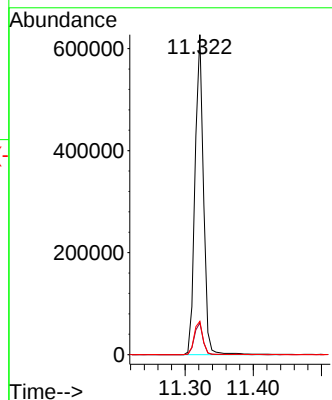
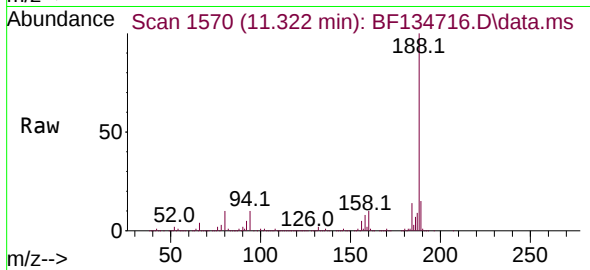
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Instrument :
BNA_F
ClientSampleId :
WC-17

Tgt Ion:188 Resp: 539790
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7
80 10.4 6.6 9.8

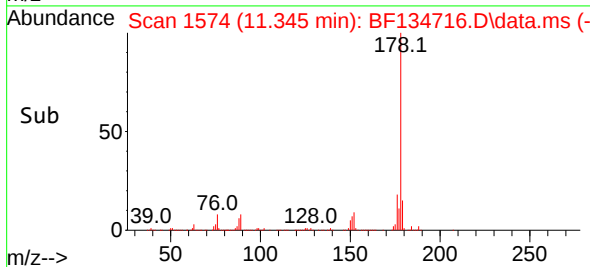
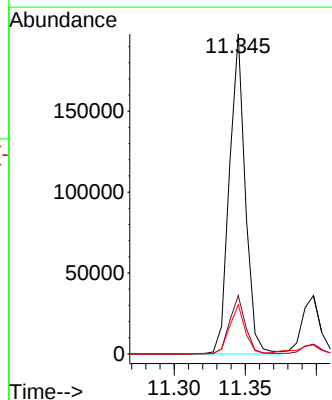
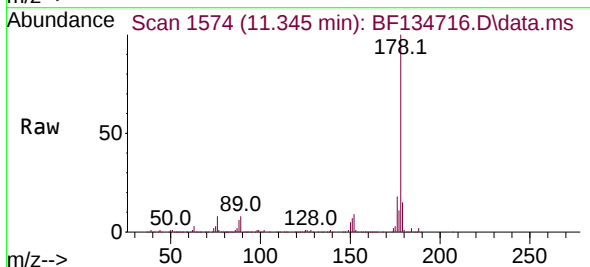
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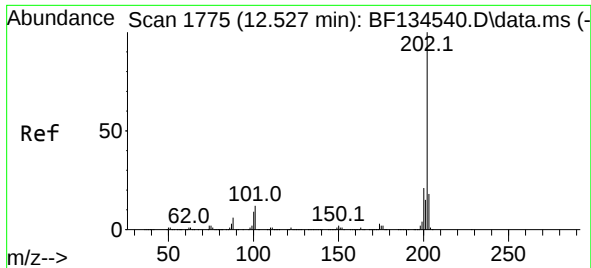
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#71
Phenanthrene
Concen: 5.371 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

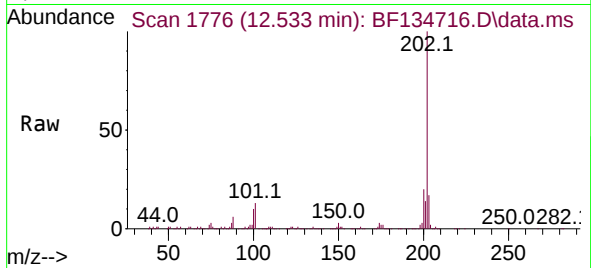
Tgt Ion:178 Resp: 154006
Ion Ratio Lower Upper
178 100
176 18.2 15.8 23.6
179 15.4 12.7 19.1





#75
Fluoranthene
Concen: 4.259 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

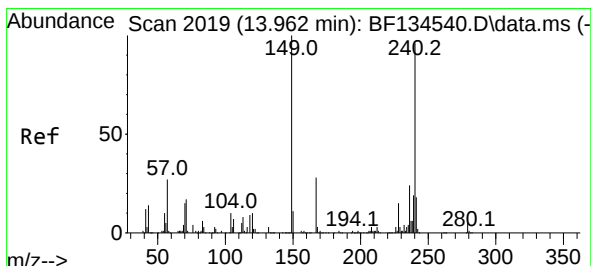
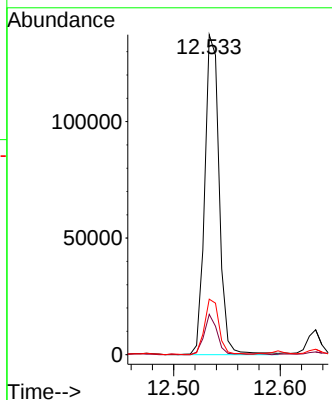
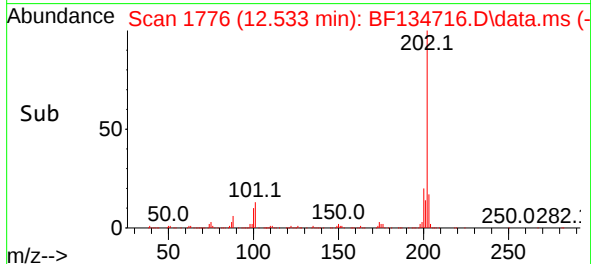
Instrument :
BNA_F
ClientSampleId :
WC-17



Tgt Ion:202 Resp: 128976
Ion Ratio Lower Upper
202 100
101 12.6 0.0 28.5
203 17.3 0.0 37.5

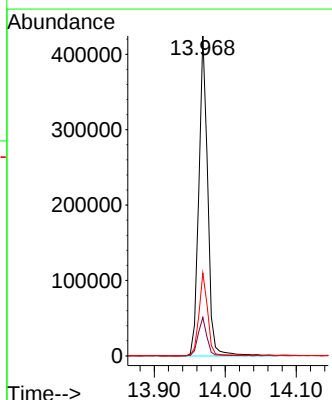
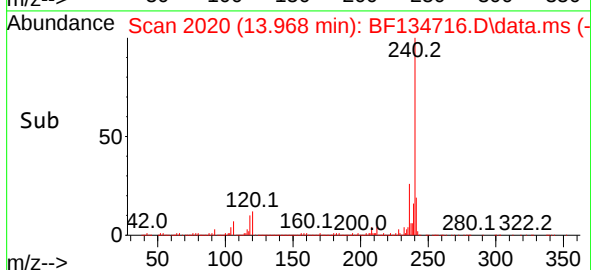
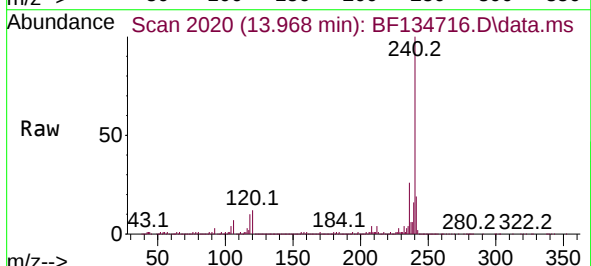
Manual Integrations
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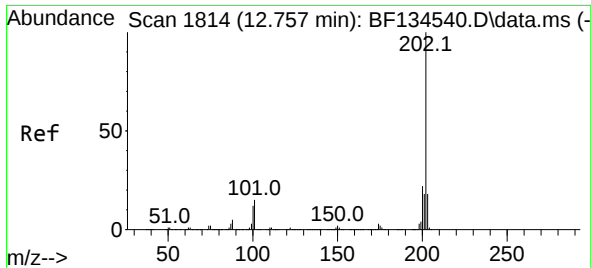
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Tgt Ion:240 Resp: 368927
Ion Ratio Lower Upper
240 100
120 12.0 6.6 10.0#
236 25.9 20.2 30.2





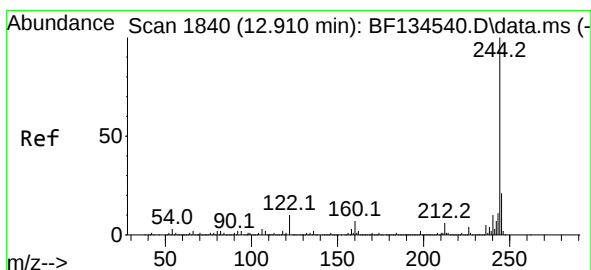
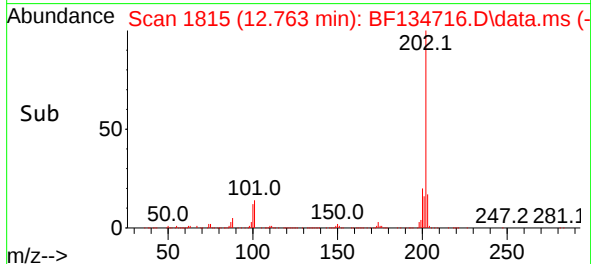
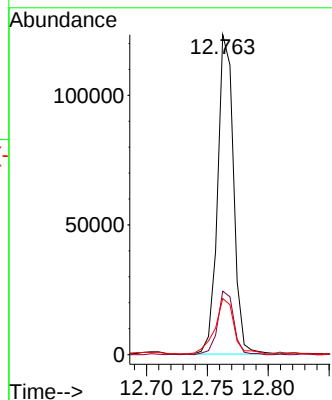
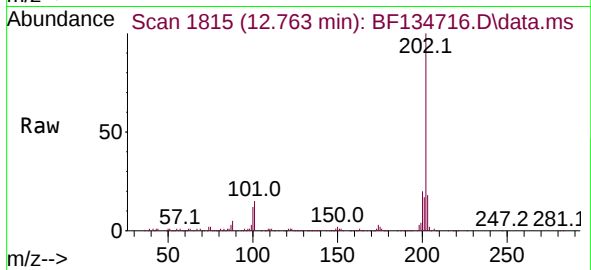
#78
Pyrene
Concen: 3.509 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Instrument :
BNA_F
ClientSampleId :
WC-17

Tgt Ion:202 Resp: 112018
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.5 13.5 20.3

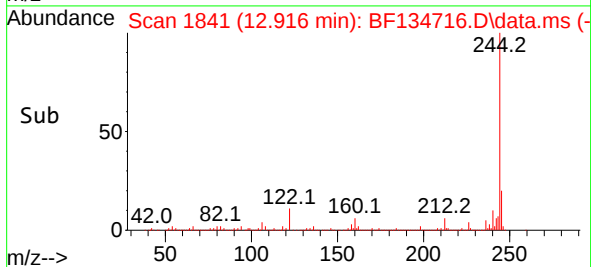
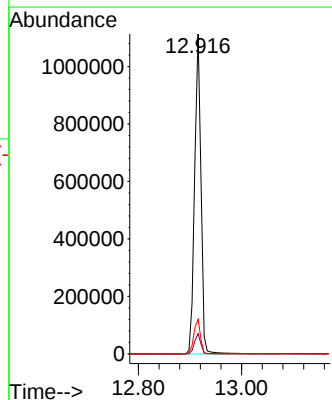
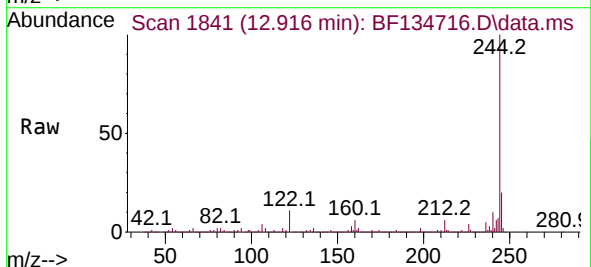
Manual Integrations
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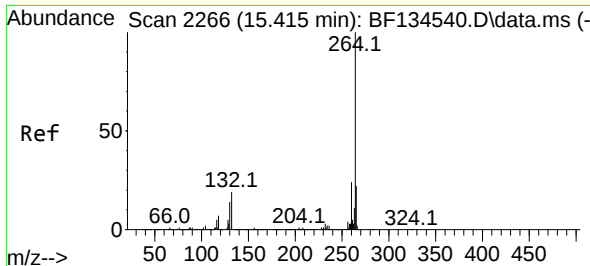
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023



#79
Terphenyl-d14
Concen: 45.489 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Tgt Ion:244 Resp: 951973
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.8 8.0 12.0





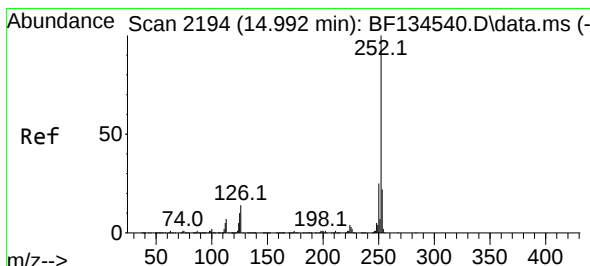
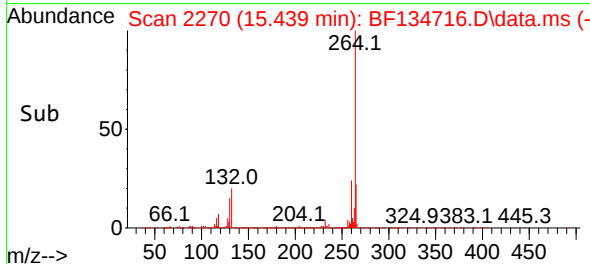
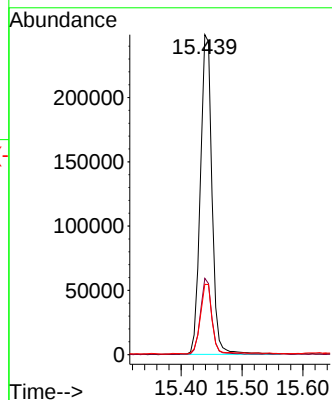
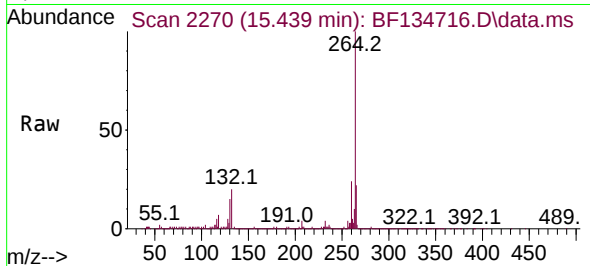
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Instrument :
BNA_F
ClientSampleId :
WC-17

Tgt Ion:264 Resp: 32931
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.0 15.8 23.8

Manual Integrations
APPROVED

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



#88
Benzo(b)fluoranthene
Concen: 2.261 ng m
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134716.D
Acq: 10 Aug 2023 18:59

Tgt Ion:252 Resp: 45410
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 13.4 6.0 9.0#

