

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127829.D
 Acq On : 18 Apr 2022 17:04
 Operator : CG\JU
 Sample : N2442-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124035

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022

Quant Time: Apr 19 05:15:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	161242	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	587461	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	319470	20.000	ng	-0.01
64) Phenanthrene-d10	11.481	188	529637	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	344741	20.000	ng	-0.02
86) Perylene-d12	15.651	264	313352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	938752	94.602	ng	0.00
7) Phenol-d6	6.575	99	1217456	93.783	ng	-0.01
23) Nitrobenzene-d5	7.516	82	864343	65.593	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	340866	100.265	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1487656	65.876	ng	-0.01
79) Terphenyl-d14	13.075	244	1304996	62.483	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.698	202	105830	3.456	ng	98
78) Pyrene	12.927	202	88207	3.030	ng	99
88) Benzo(b)fluoranthene	15.198	252	58279m	2.891	ng	
90) Benzo(a)pyrene	15.580	252	35693	2.178	ng	# 95

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

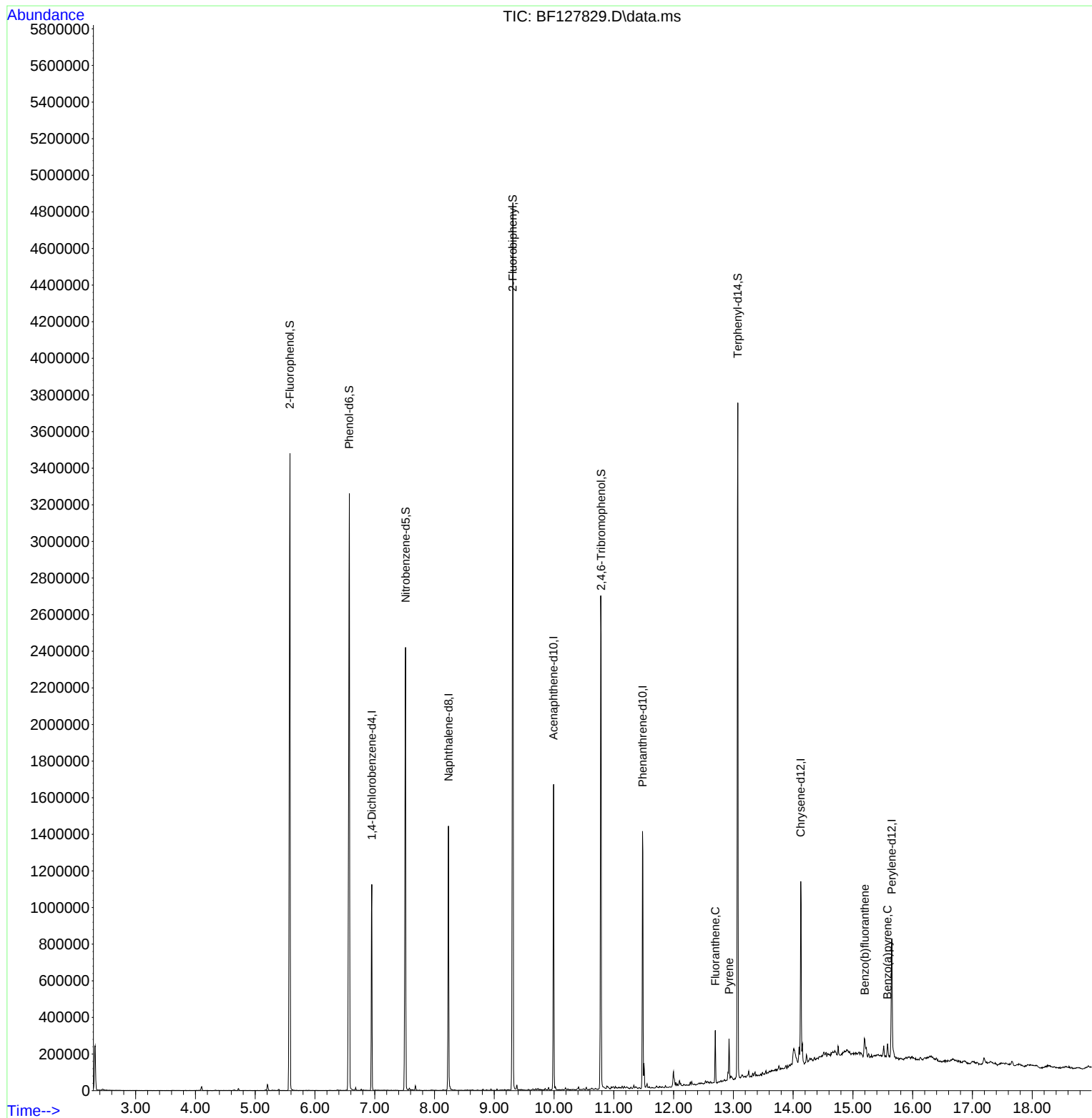
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127829.D
Acq On : 18 Apr 2022 17:04
Operator : CG\JU
Sample : N2442-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

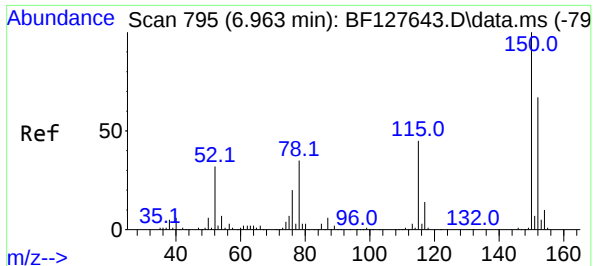
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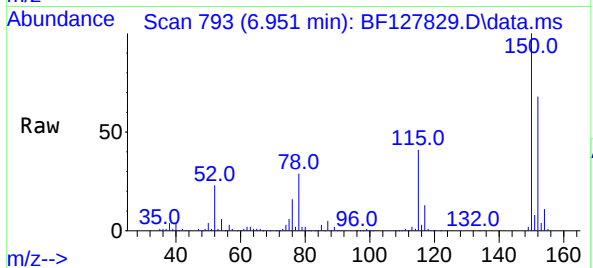
Quant Time: Apr 19 05:15:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 16:40:15 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

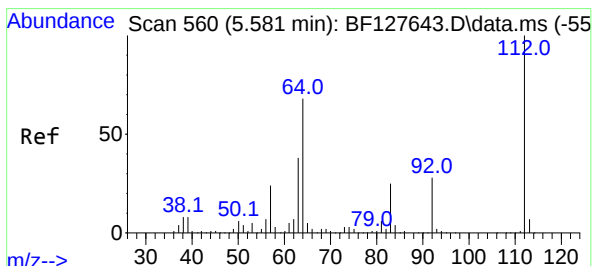
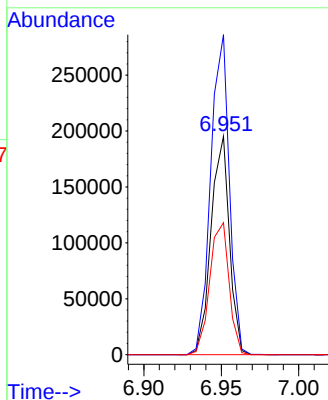
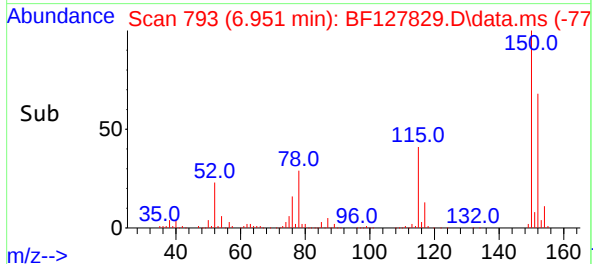
Instrument :
BNA_F
ClientSampleId :
124035



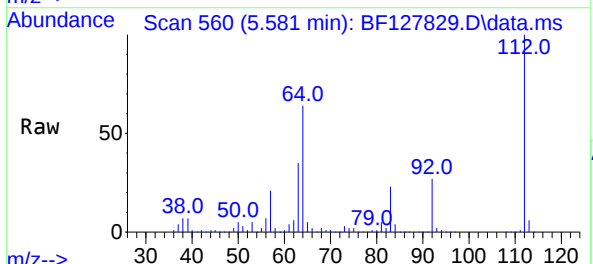
Tgt Ion:152 Resp: 16124
Ion Ratio Lower Upper
152 100
150 146.5 117.2 175.8
115 60.4 49.8 74.6

Manual Integrations
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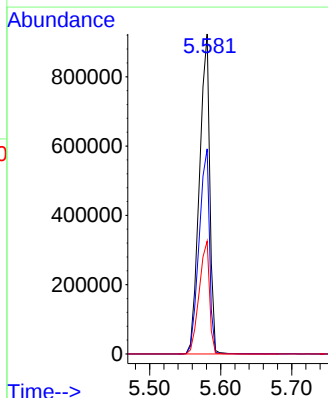
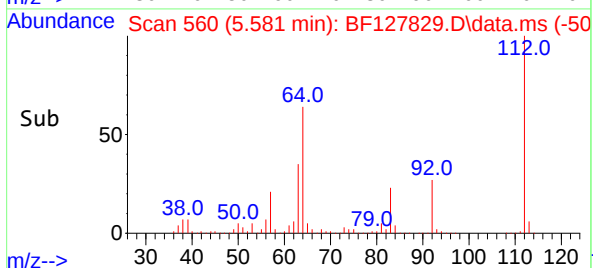
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#5
2-Fluorophenol
Concen: 94.602 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04



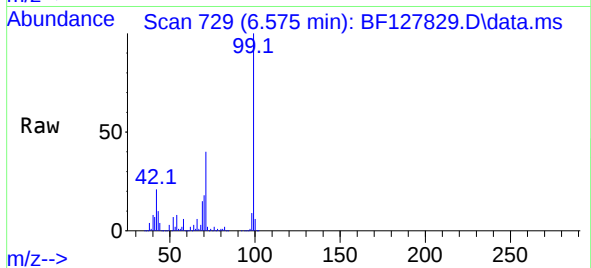
Tgt Ion:112 Resp: 938752
Ion Ratio Lower Upper
112 100
64 64.1 58.4 87.6
63 35.3 30.1 45.1





#7
Phenol-d6
Concen: 93.783 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

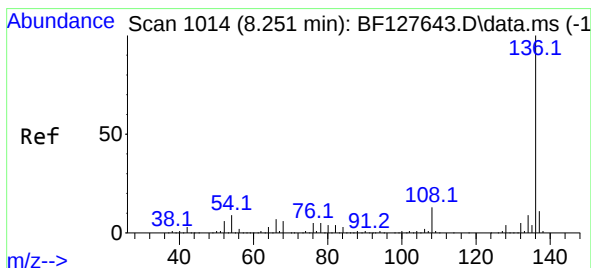
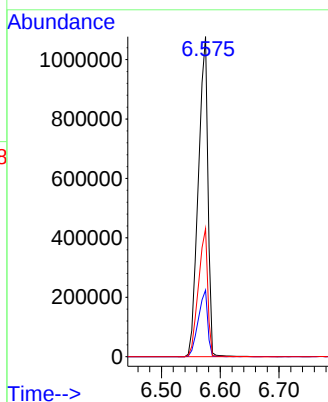
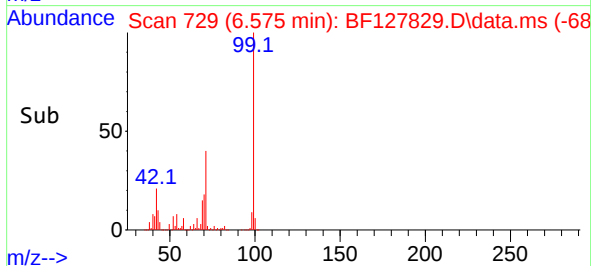
Instrument :
BNA_F
ClientSampleId :
124035



Tgt Ion: 99 Resp: 1217450
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 40.0 29.6 44.4

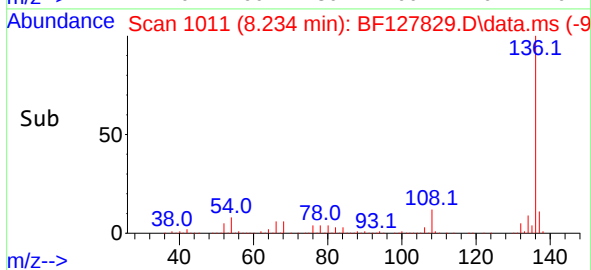
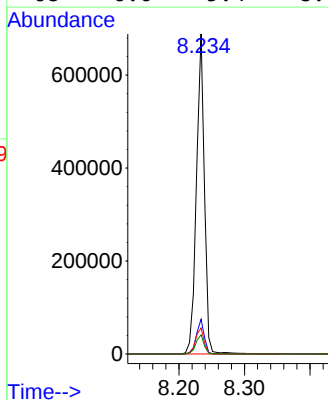
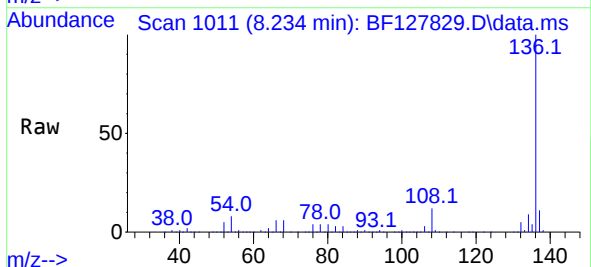
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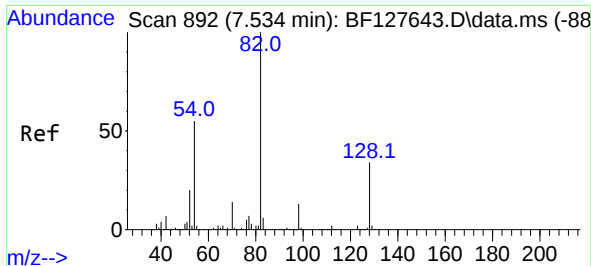
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

Tgt Ion:136 Resp: 587461
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 9.2 13.8#
68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 65.593 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127829.D

Acq: 18 Apr 2022 17:04

Instrument :

BNA_F

ClientSampleId :

124035

Tgt Ion: 82 Resp: 86434

Ion Ratio Lower Upper

82 100

128 38.4 30.6 45.8

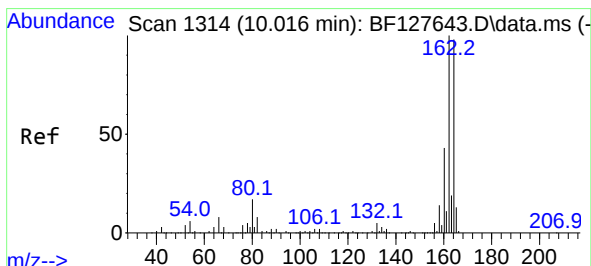
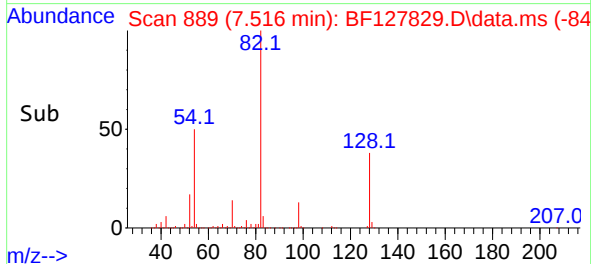
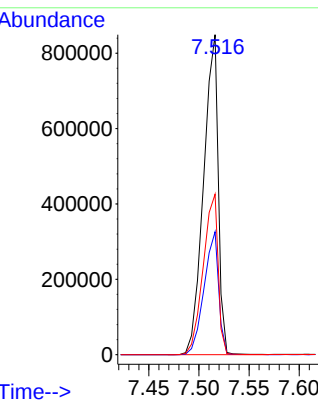
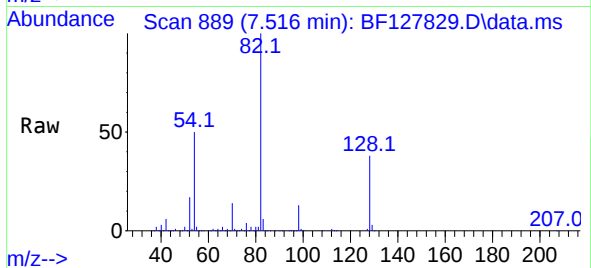
54 50.2 48.2 72.2

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF127829.D

Acq: 18 Apr 2022 17:04

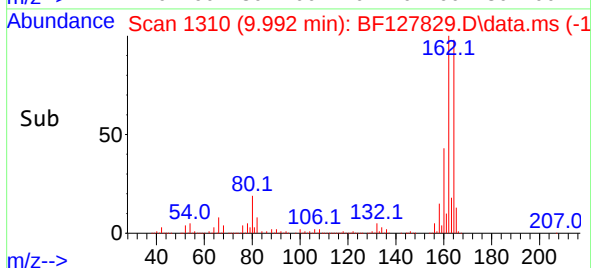
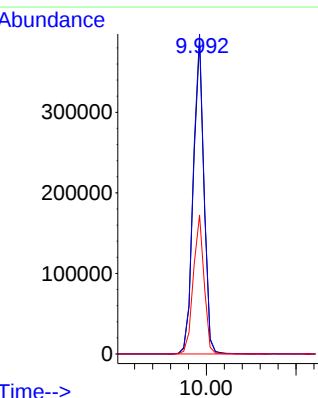
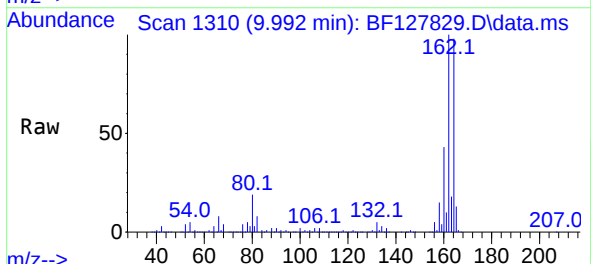
Tgt Ion:164 Resp: 319470

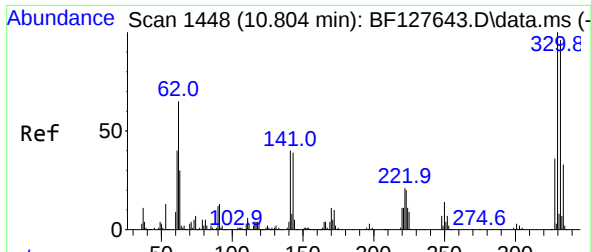
Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 44.3 34.6 52.0





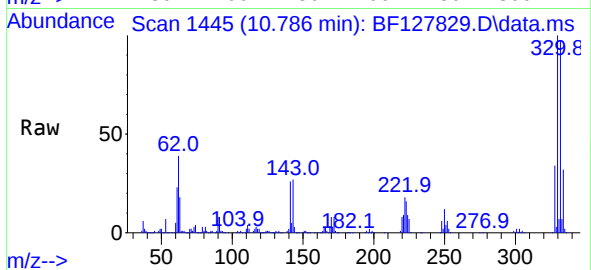
#42
2,4,6-Tribromophenol
Concen: 100.265 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

Instrument :

BNA_F

ClientSampleId :

124035

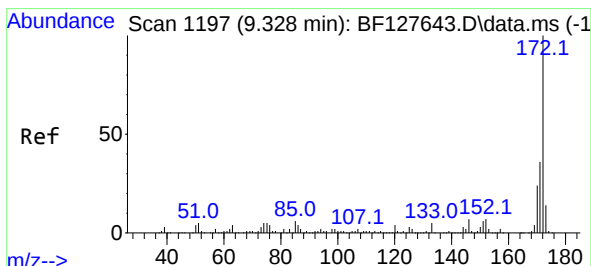
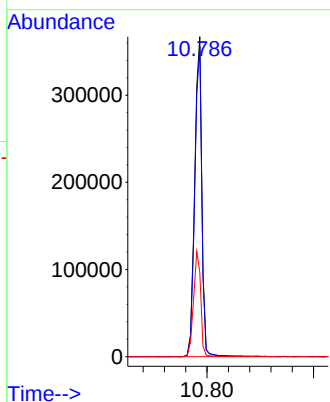
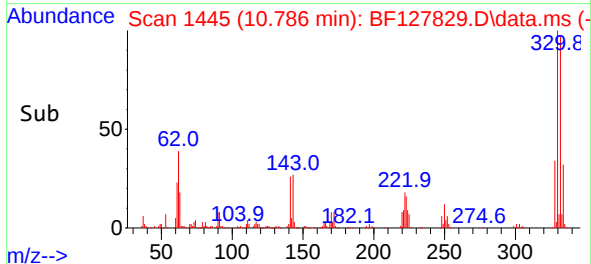


Tgt Ion:330 Resp: 340860
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 33.2 26.2 39.4

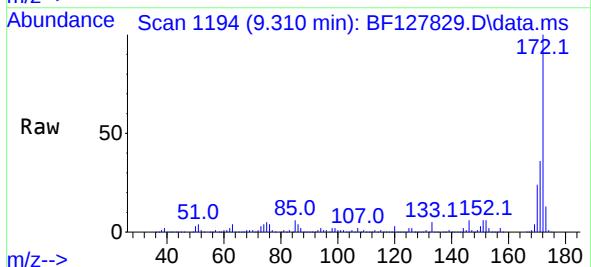
Manual Integrations

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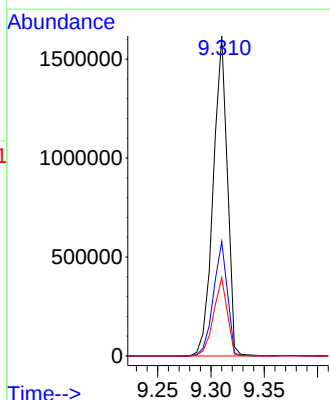
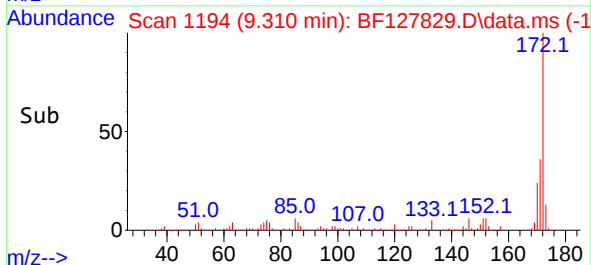
Reviewed By :Christian Giraldo 04/19/2022
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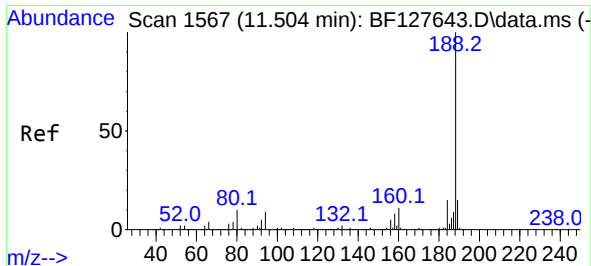


#45
2-Fluorobiphenyl
Concen: 65.876 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04



Tgt Ion:172 Resp: 1487656
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.4 18.6 27.8





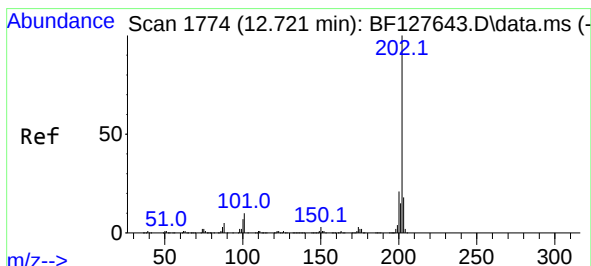
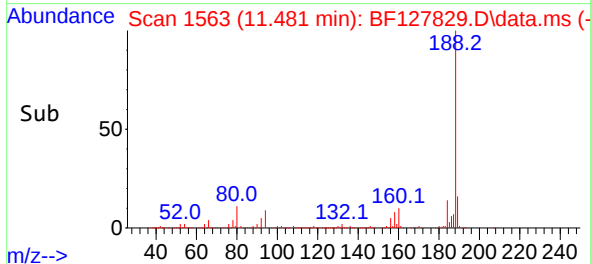
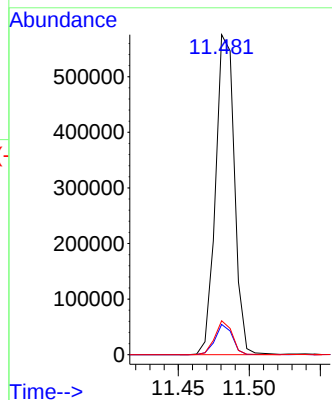
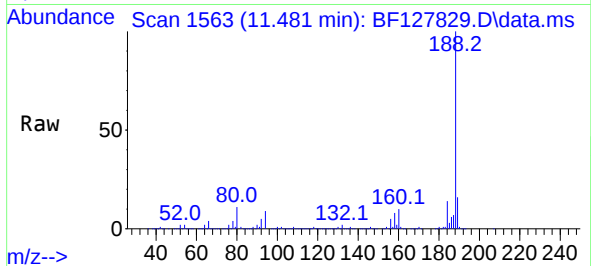
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

Instrument :
BNA_F
ClientSampleId :
124035

Tgt Ion:188 Resp: 52963
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.6 8.0 12.0

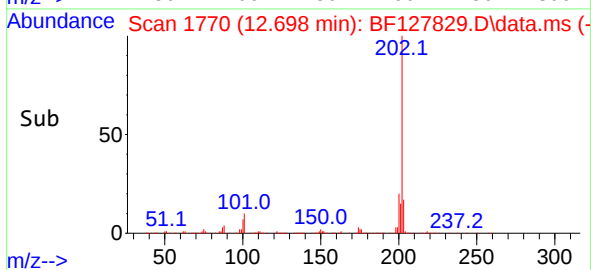
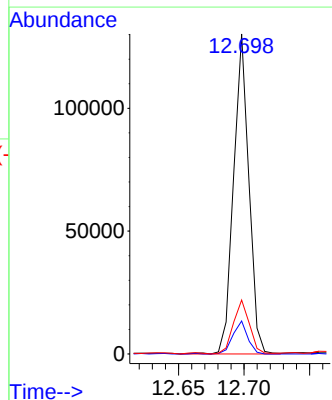
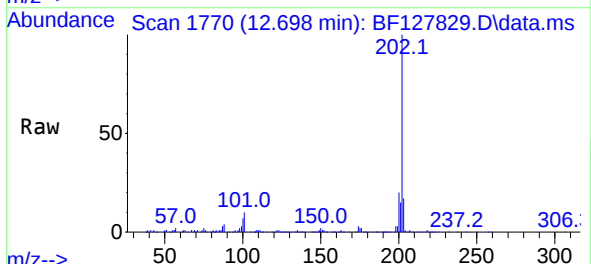
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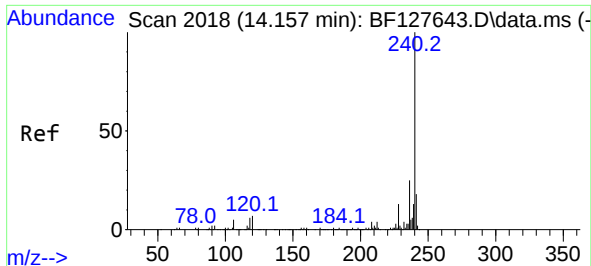
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#75
Fluoranthene
Concen: 3.456 ng
RT: 12.698 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

Tgt Ion:202 Resp: 105830
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.0
203 16.8 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

Instrument :

BNA_F

ClientSampleId :

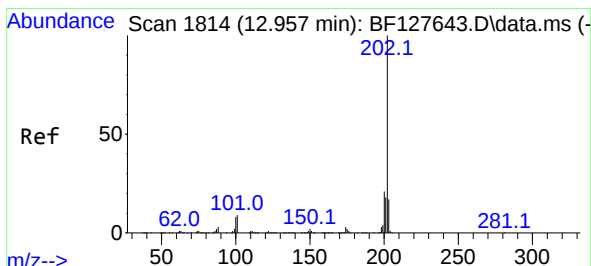
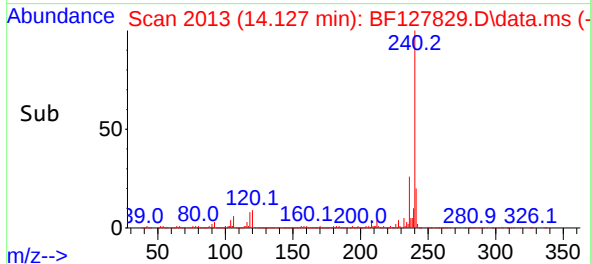
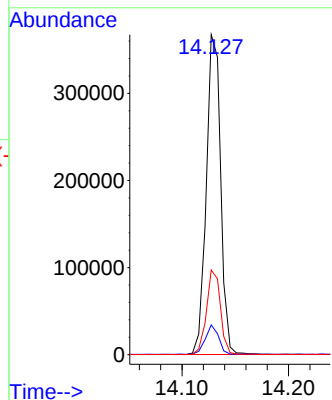
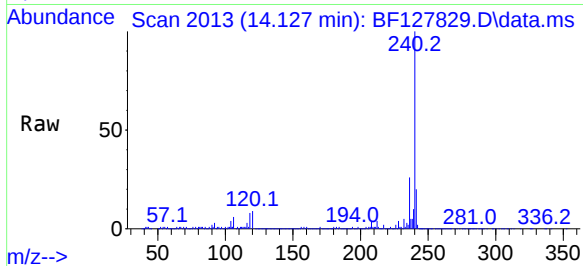
124035

Tgt Ion:240 Resp: 34474
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 26.5 20.7 31.1

Manual Integrations

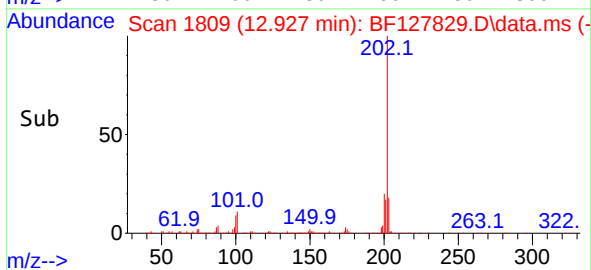
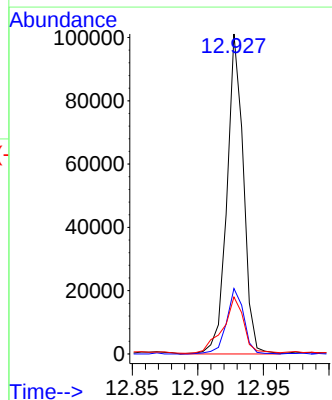
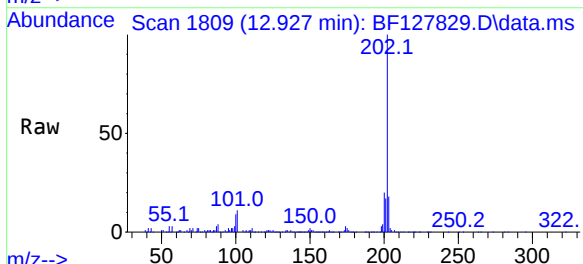
APPROVED

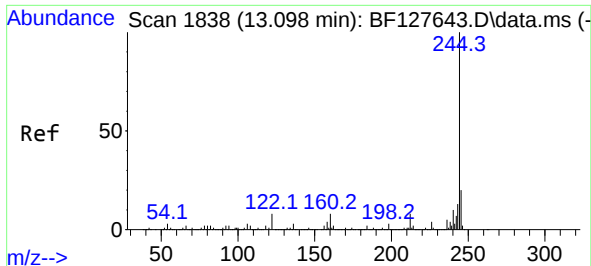
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#78
Pyrene
Concen: 3.030 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

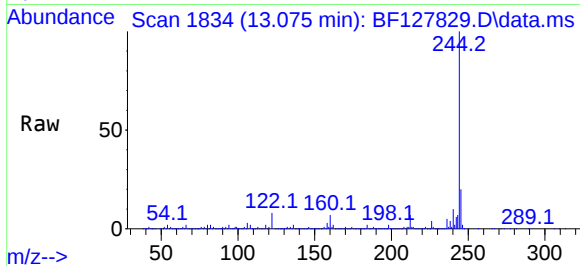
Tgt Ion:202 Resp: 88207
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 17.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 62.483 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127829.D
 Acq: 18 Apr 2022 17:04

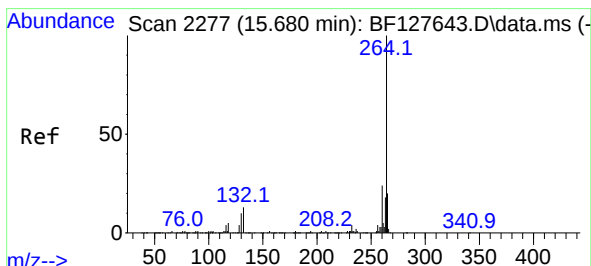
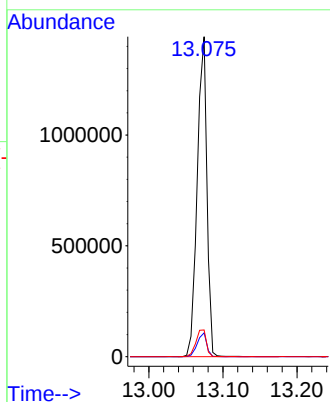
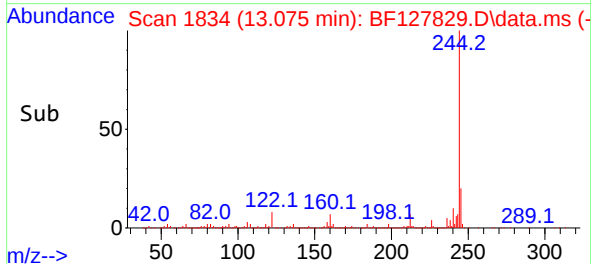
Instrument :
 BNA_F
 ClientSampleId :
 124035



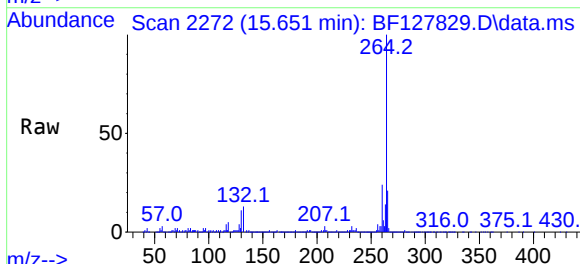
Tgt Ion:244 Resp: 1304990
 Ion Ratio Lower Upper
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 212 7.5 5.7 8.5
 122 8.4 6.2 9.2

Manual Integrations
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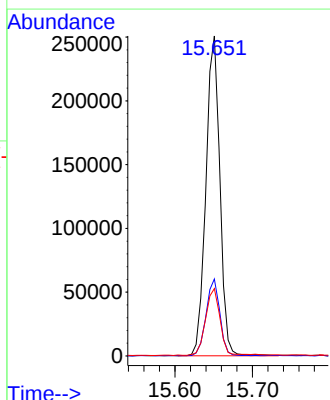
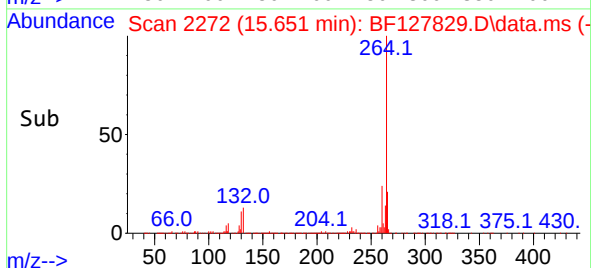
Reviewed By :Christian Giraldo 04/19/2022
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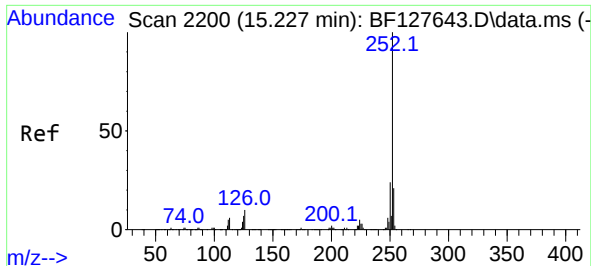


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF127829.D
 Acq: 18 Apr 2022 17:04



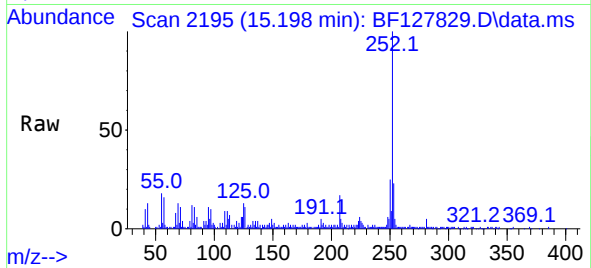
Tgt Ion:264 Resp: 313352
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.1 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.891 ng m
RT: 15.198 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04

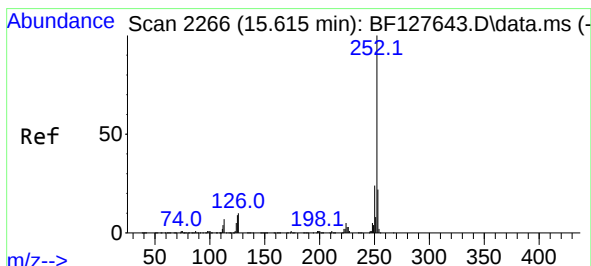
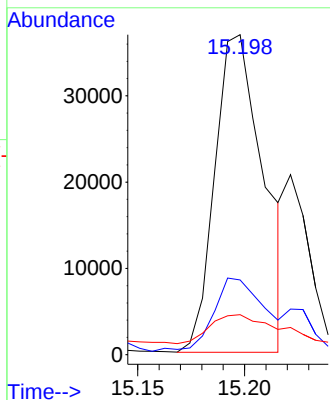
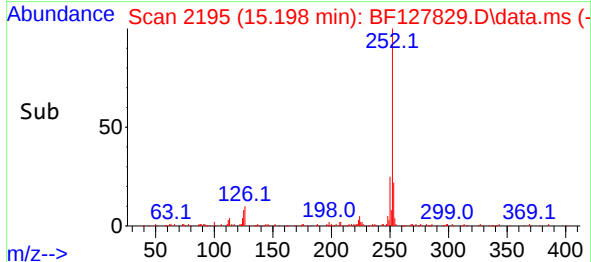
Instrument :
BNA_F
ClientSampleId :
124035



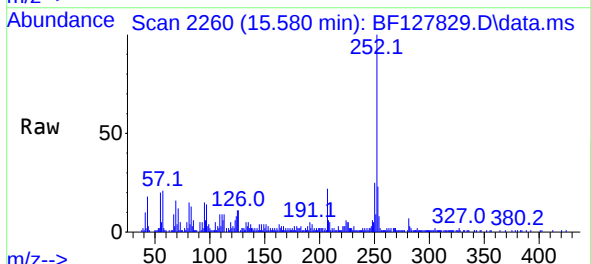
Tgt Ion:252 Resp: 58279
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 12.5 7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#90
Benzo(a)pyrene
Concen: 2.178 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BF127829.D
Acq: 18 Apr 2022 17:04



Tgt Ion:252 Resp: 35693
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 11.1 6.7 10.1

