

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129148.D
 Acq On : 06 Jul 2022 17:56
 Operator : CG\JU
 Sample : N3562-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8B

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/07/2022
 Supervised By : Jagrut Upadhyay 07/07/2022

Quant Time: Jul 07 00:26:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	255185	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	890659	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	398683	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	592317	20.000	ng	0.00
76) Chrysene-d12	14.139	240	490687	20.000	ng	-0.01
86) Perylene-d12	15.668	264	561833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1395980	92.485	ng	-0.01
7) Phenol-d6	6.575	99	1656082	88.342	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1008929	67.567	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	348360	80.358	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1801201	72.276	ng	0.00
79) Terphenyl-d14	13.080	244	1560060	66.023	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	10.027	154	47323	2.160	ng	99
58) Fluorene	10.545	166	58993	2.391	ng	94
71) Phenanthrene	11.516	178	834465	29.486	ng	98
72) Anthracene	11.563	178	253143	9.072	ng	98
75) Fluoranthene	12.710	202	1537405	51.944	ng	98
78) Pyrene	12.939	202	1516405	44.584	ng	98
81) Benzo(a)anthracene	14.133	228	739299	24.676	ng	99
83) Chrysene	14.168	228	702302	25.250	ng	98
87) Indeno(1,2,3-cd)pyrene	17.221	276	408869	11.866	ng	95
88) Benzo(b)fluoranthene	15.215	252	966068m	28.592	ng	
89) Benzo(k)fluoranthene	15.239	252	267780m	8.171	ng	
90) Benzo(a)pyrene	15.604	252	724788	26.313	ng	99
91) Dibenzo(a,h)anthracene	17.227	278	107549	3.829	ng	# 93
92) Benzo(g,h,i)perylene	17.692	276	352285	12.500	ng	98

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

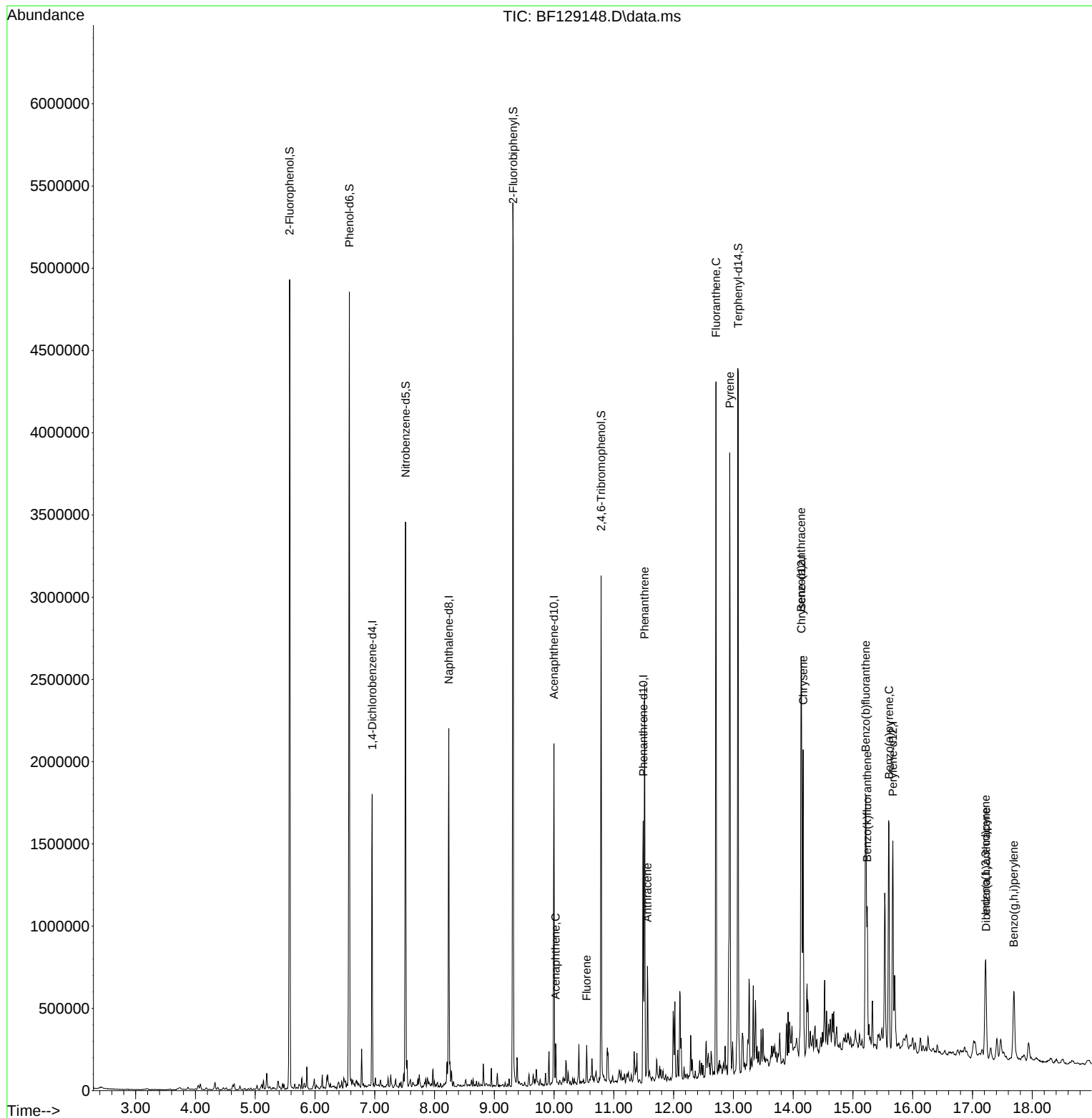
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129148.D
Acq On : 06 Jul 2022 17:56
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Quant Time: Jul 07 00:26:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

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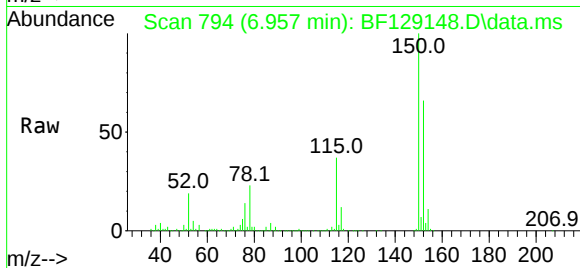
Reviewed By : Christian Giraldo 07/07/2022
Supervised By : Jagrut Upadhyay 07/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

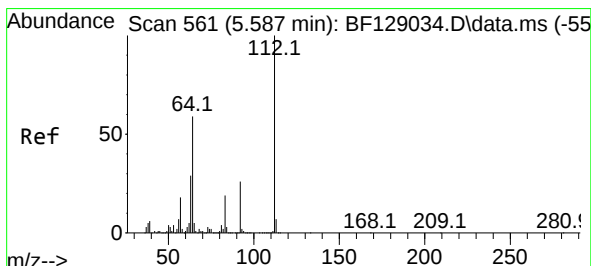
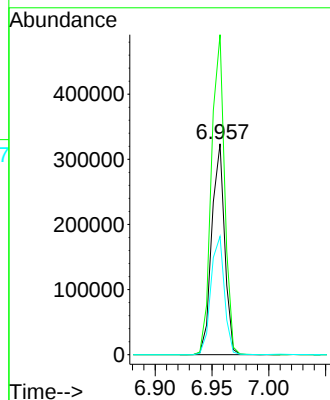
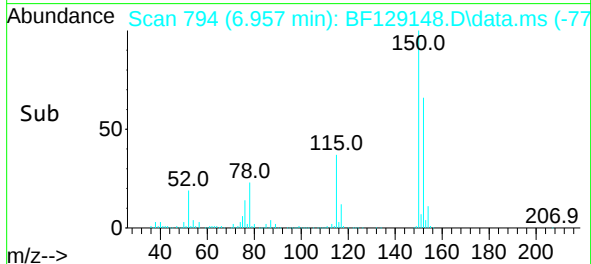
Instrument :
BNA_F
ClientSampleId :
SB-8B



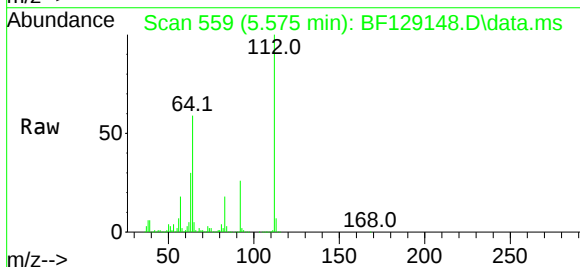
Tgt Ion:152 Resp: 255185
Ion Ratio Lower Upper
152 100
150 151.8 123.7 185.5
115 56.0 49.9 74.9

Manual Integrations
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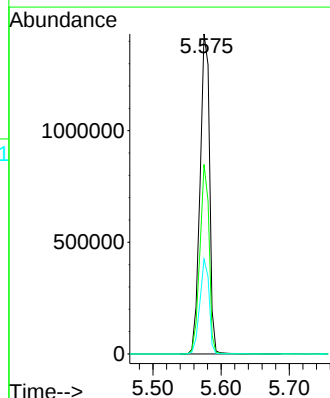
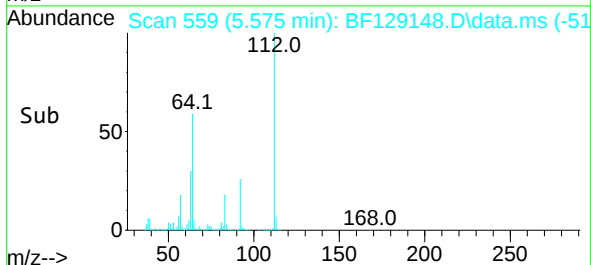
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

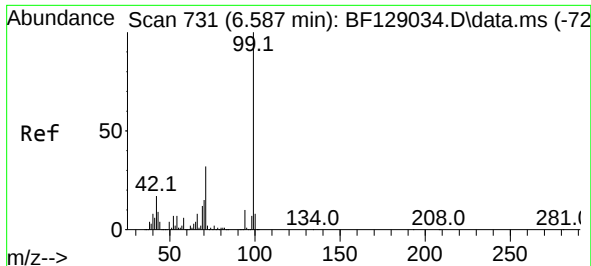


#5
2-Fluorophenol
Concen: 92.485 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



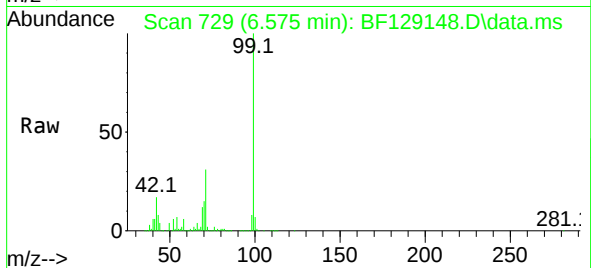
Tgt Ion:112 Resp: 1395980
Ion Ratio Lower Upper
112 100
64 59.2 53.3 79.9
63 29.7 28.0 42.0





#7
Phenol-d6
Concen: 88.342 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

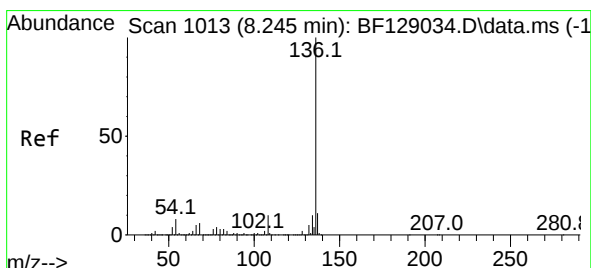
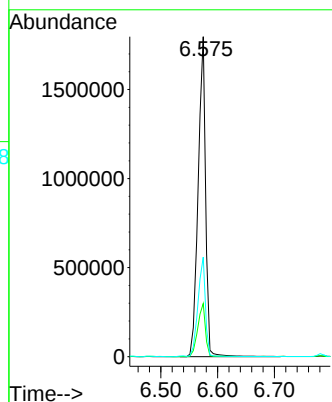
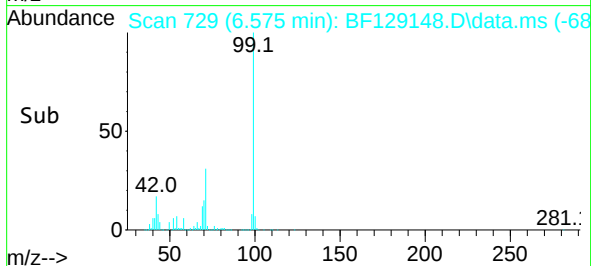
Instrument :
BNA_F
ClientSampleId :
SB-8B



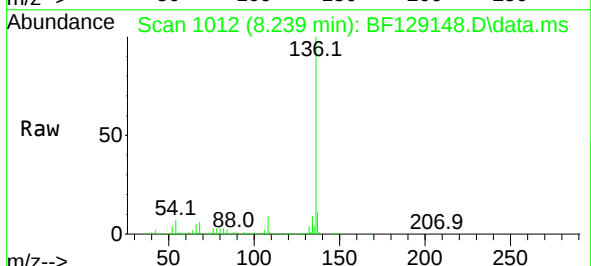
Tgt Ion: 99 Resp: 165608
Ion Ratio Lower Upper
99 100
42 16.6 17.3 25.9
71 31.1 28.9 43.3

Manual Integrations
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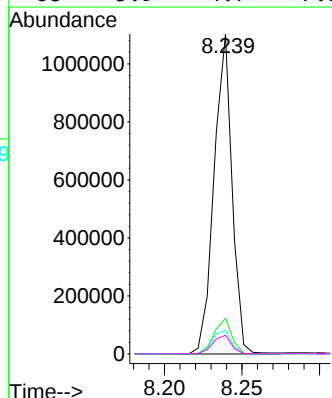
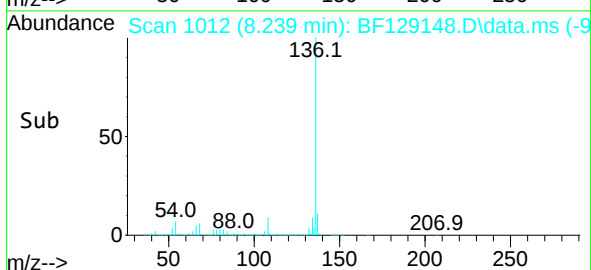
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



Tgt Ion:136 Resp: 890659
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 7.5 11.3
68 5.9 4.7 7.1





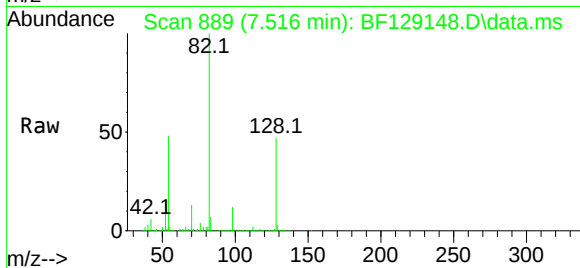
#23
Nitrobenzene-d5
Concen: 67.567 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-8B

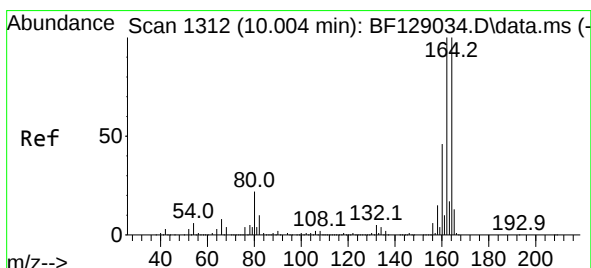
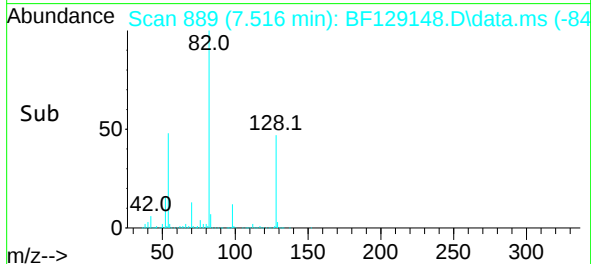
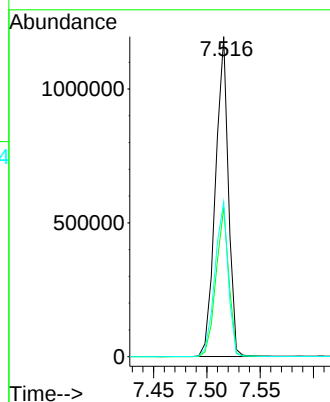


Tgt Ion: 82 Resp: 1008929
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 48.3 46.9 70.3

Manual Integrations

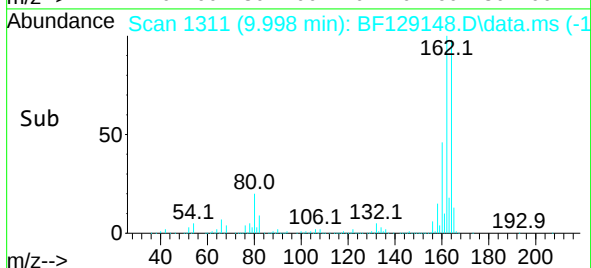
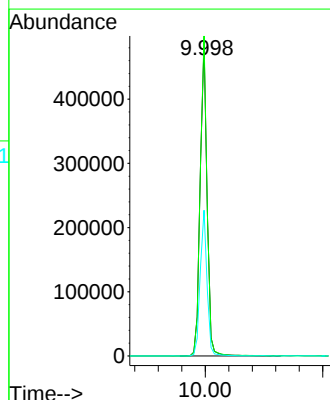
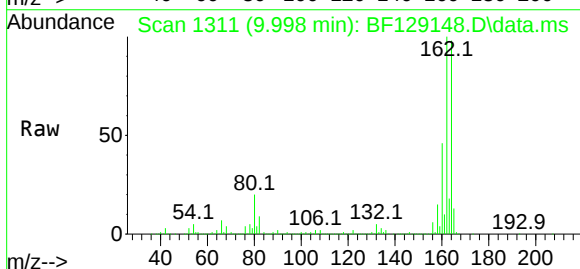
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

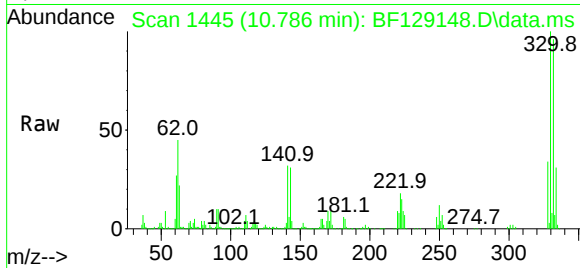
Tgt Ion:164 Resp: 398683
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 46.6 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 80.358 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

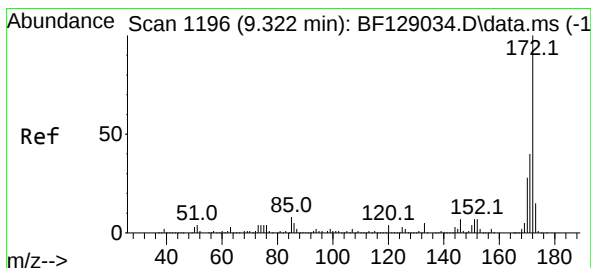
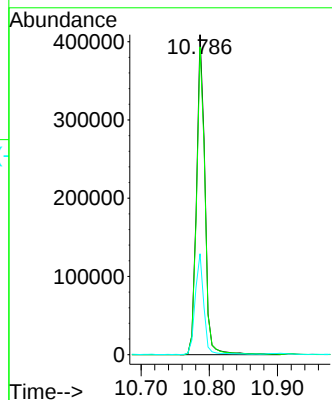
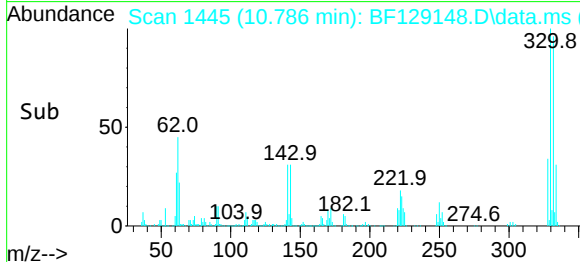
Instrument :
BNA_F
ClientSampleId :
SB-8B



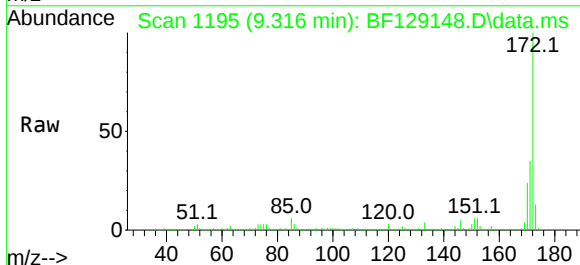
Tgt Ion:330 Resp: 348360
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 32.3 28.0 42.0

Manual Integrations
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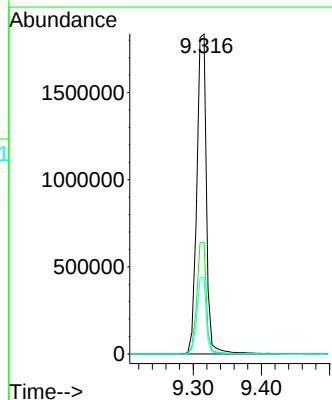
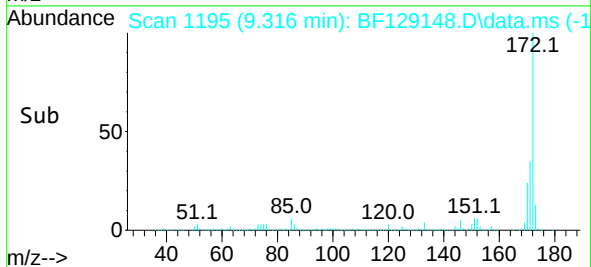
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

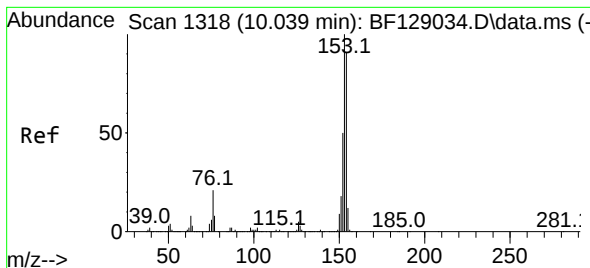


#45
2-Fluorobiphenyl
Concen: 72.276 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



Tgt Ion:172 Resp: 1801201
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.9 19.8 29.8





#52

Acenaphthene

Concen: 2.160 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129148.D

Acq: 06 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-8B

Tgt Ion:154 Resp: 4732

Ion Ratio Lower Upper

154 100

153 111.1 89.6 134.4

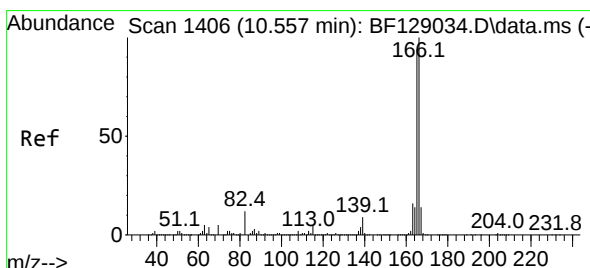
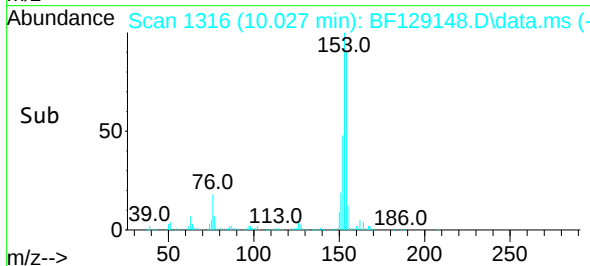
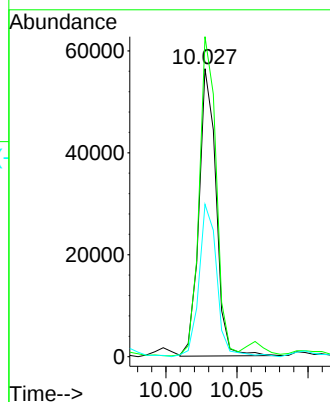
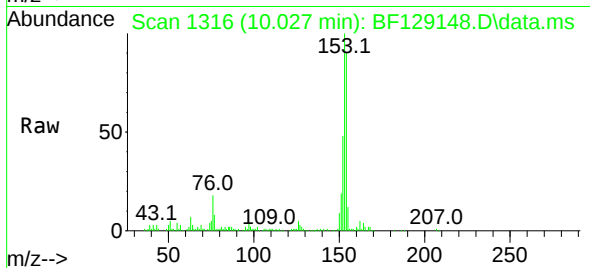
152 52.9 42.4 63.6

Manual Integrations

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#58

Fluorene

Concen: 2.391 ng

RT: 10.545 min Scan# 1404

Delta R.T. -0.012 min

Lab File: BF129148.D

Acq: 06 Jul 2022 17:56

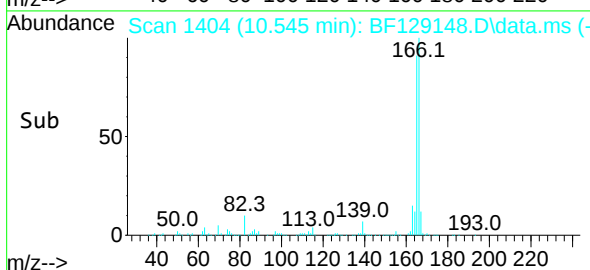
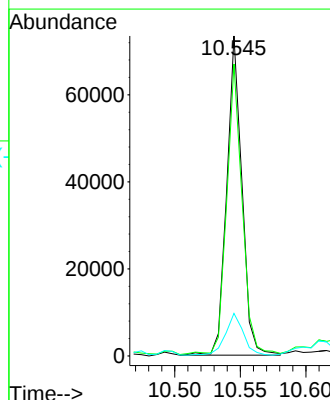
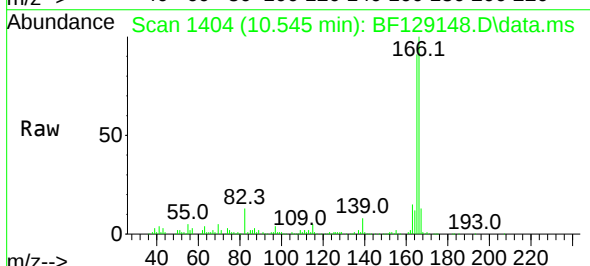
Tgt Ion:166 Resp: 58993

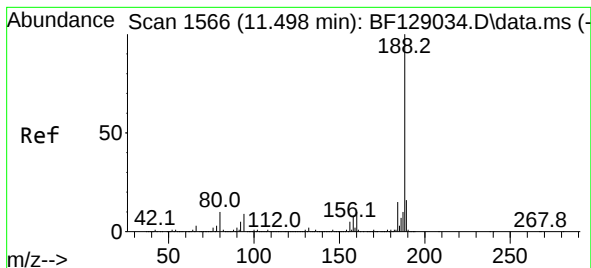
Ion Ratio Lower Upper

166 100

165 91.3 78.1 117.1

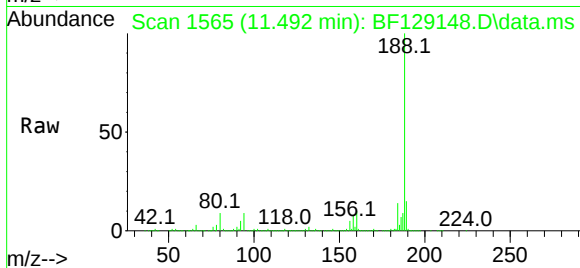
167 13.3 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

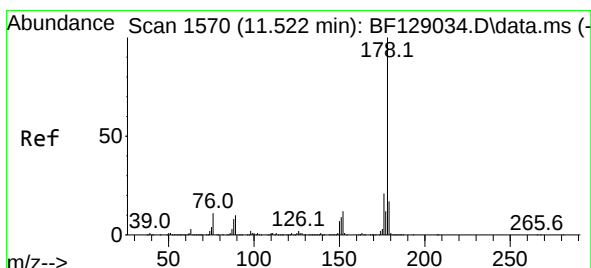
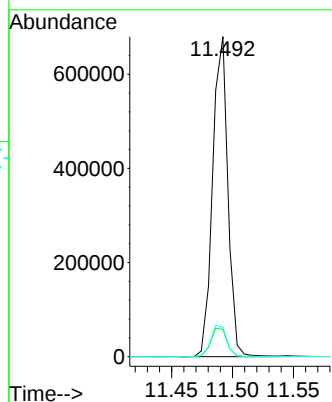
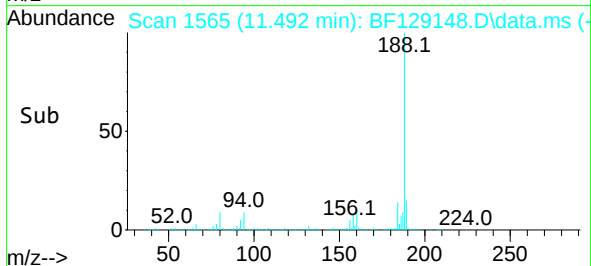
Instrument :
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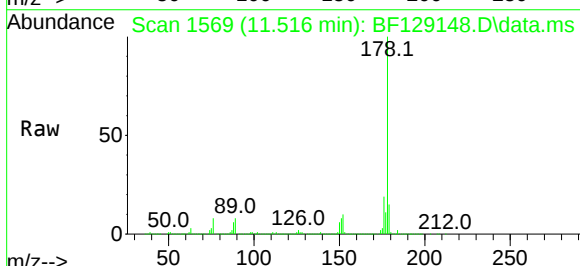
Tgt Ion:188 Resp: 592317
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.0 7.6 11.4

Manual Integrations
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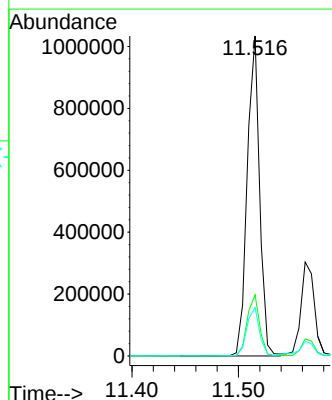
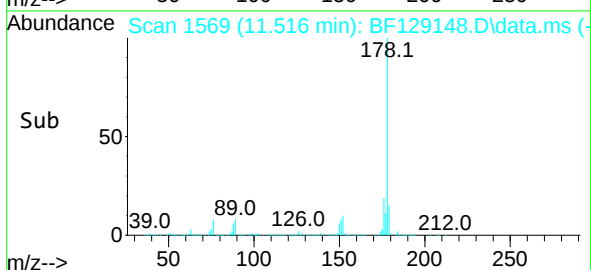
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

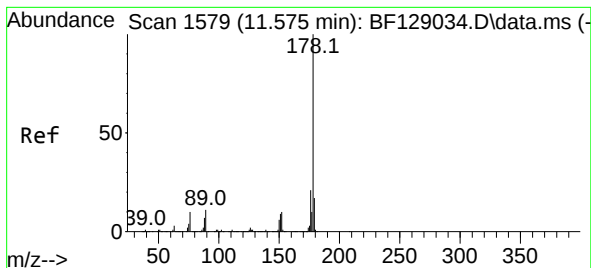


#71
Phenanthrene
Concen: 29.486 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



Tgt Ion:178 Resp: 834465
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.1 12.6 19.0





#72

Anthracene

Concen: 9.072 ng

RT: 11.563 min Scan# 1157

Delta R.T. -0.012 min

Lab File: BF129148.D

Acq: 06 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-8B

Tgt Ion:178 Resp: 25314

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

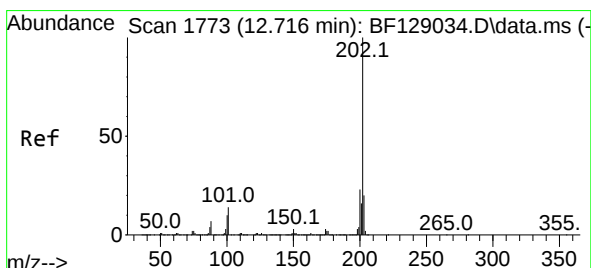
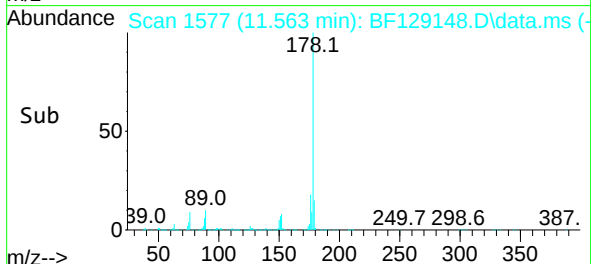
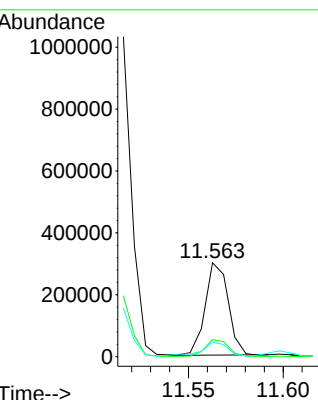
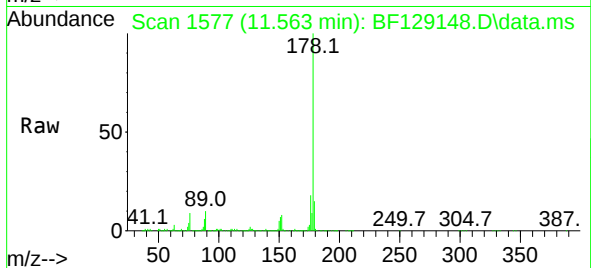
179 15.3 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#75

Fluoranthene

Concen: 51.944 ng

RT: 12.710 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BF129148.D

Acq: 06 Jul 2022 17:56

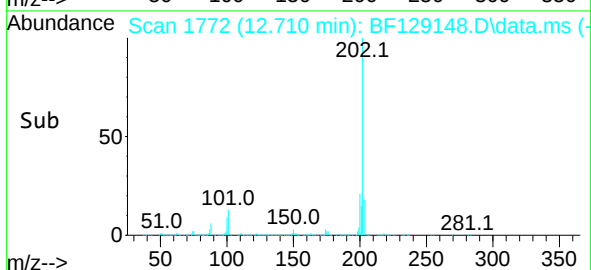
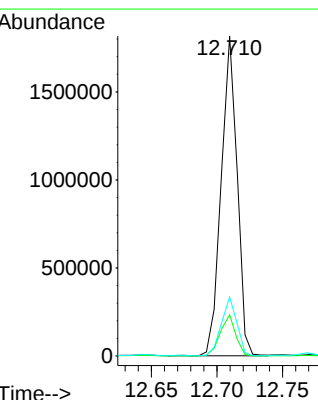
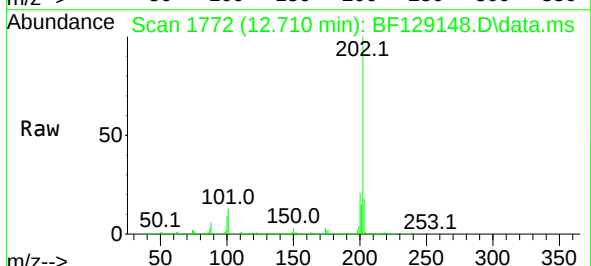
Tgt Ion:202 Resp: 1537405

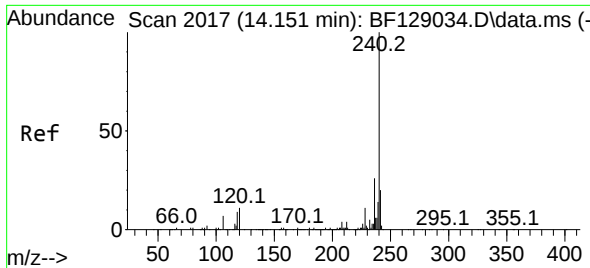
Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.4

203 18.4 0.0 38.0





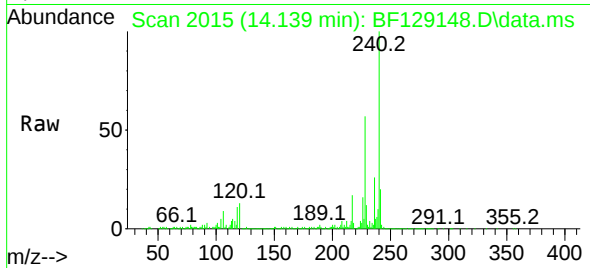
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

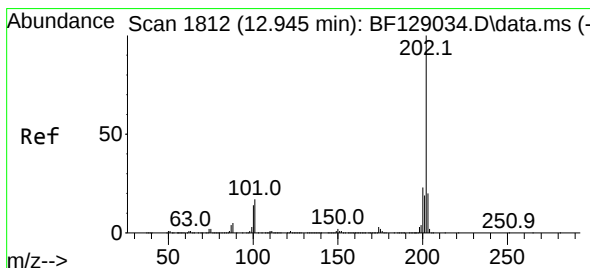
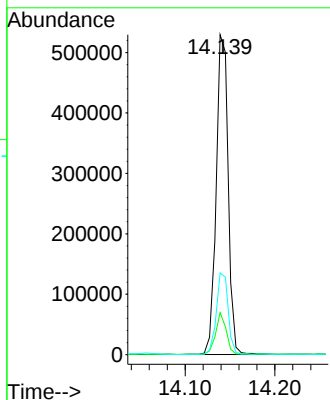
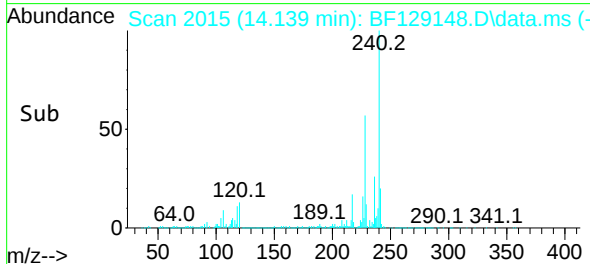
SB-8B



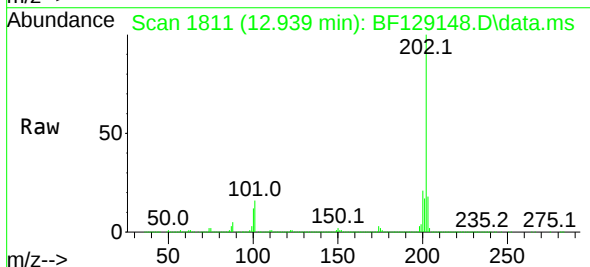
Tgt Ion:240 Resp: 49068
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.6 20.8 31.2

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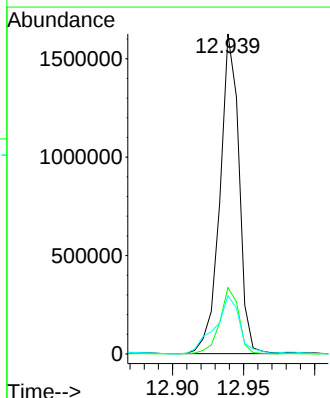
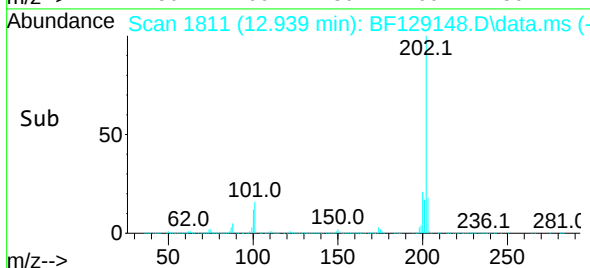
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

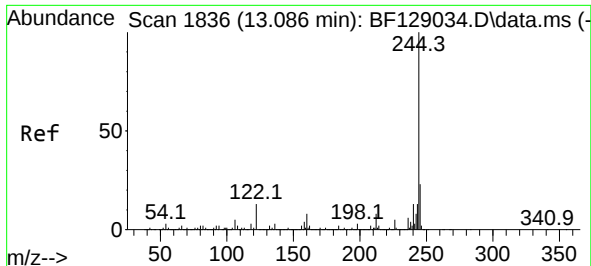


#78
Pyrene
Concen: 44.584 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



Tgt Ion:202 Resp: 1516405
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 18.2 14.6 21.8





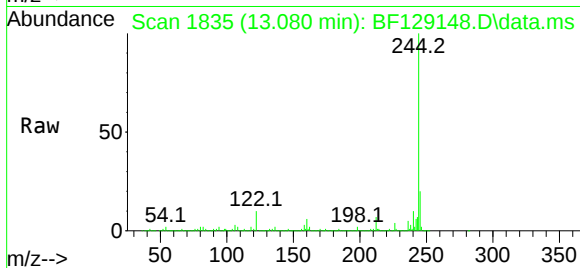
#79
 Terphenyl-d14
 Concen: 66.023 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129148.D
 Acq: 06 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-8B

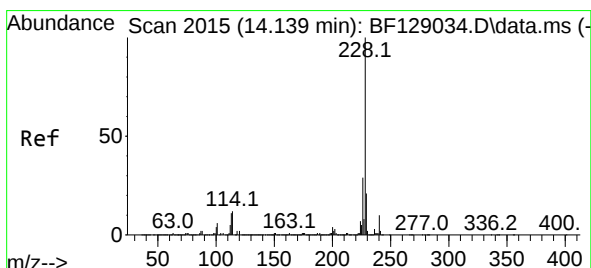
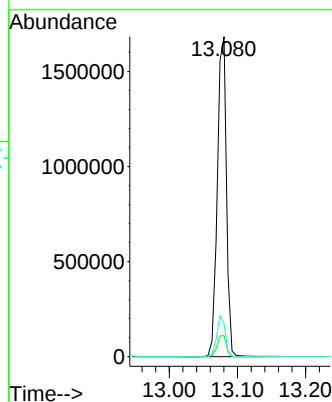
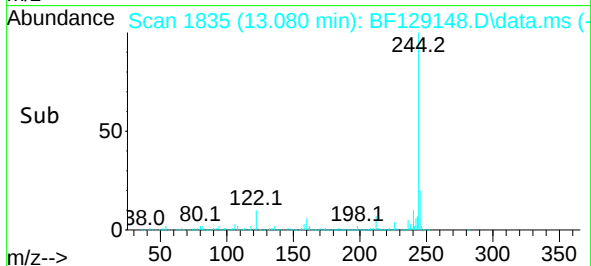


Tgt Ion:244 Resp: 1560060
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 10.2 8.8 13.2

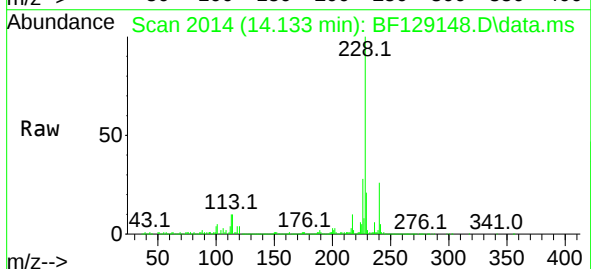
Manual Integrations

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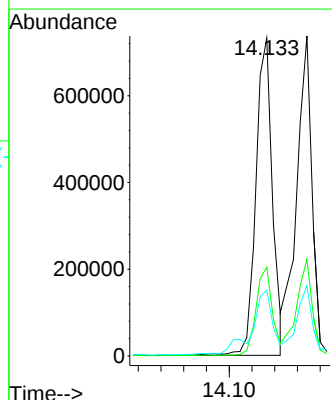
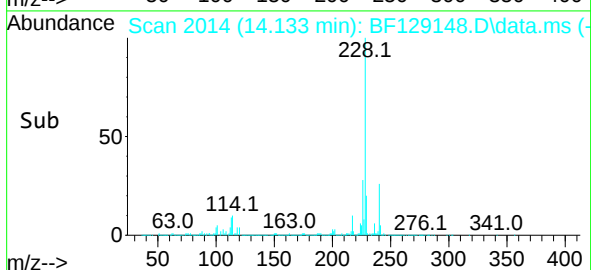
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

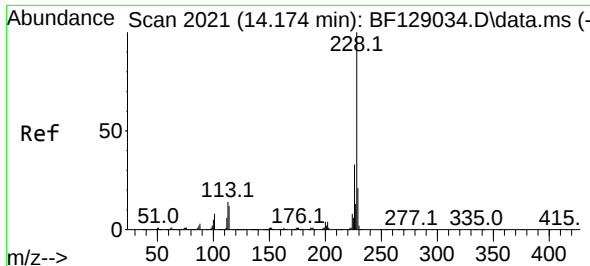


#81
 Benzo(a)anthracene
 Concen: 24.676 ng
 RT: 14.133 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF129148.D
 Acq: 06 Jul 2022 17:56



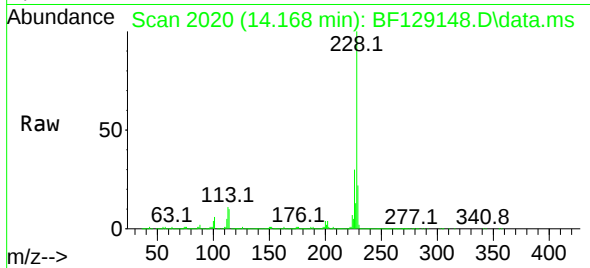
Tgt Ion:228 Resp: 739299
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.1 33.1
 229 20.7 15.8 23.8





#83
Chrysene
Concen: 25.250 ng
RT: 14.168 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

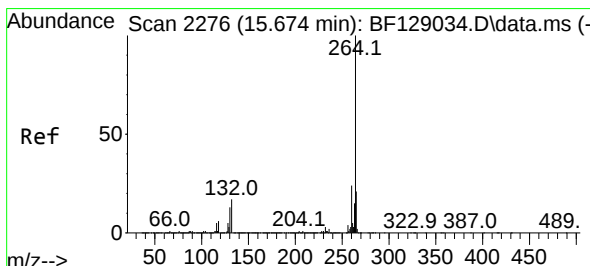
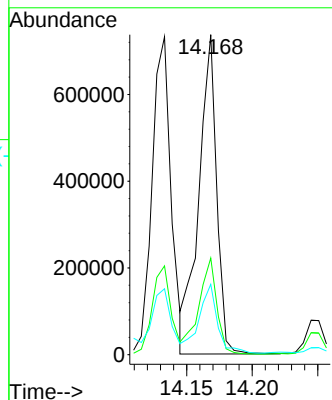
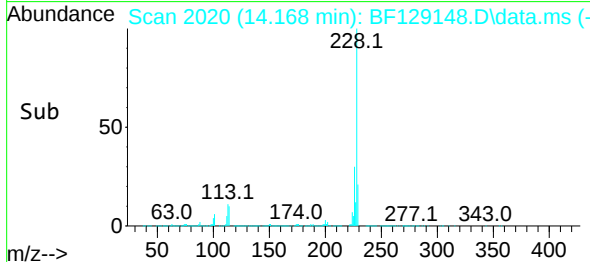
Instrument :
BNA_F
ClientSampleId :
SB-8B



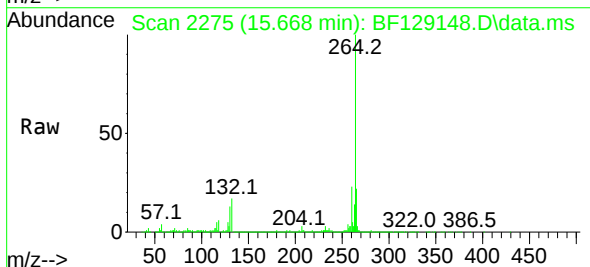
Tgt Ion:228 Resp: 702302
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.0 15.9 23.9

Manual Integrations
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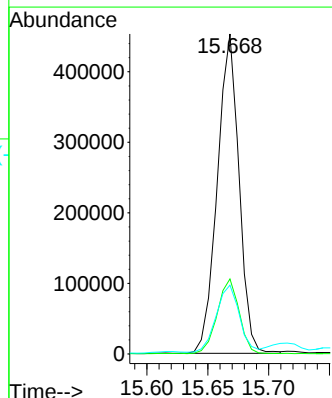
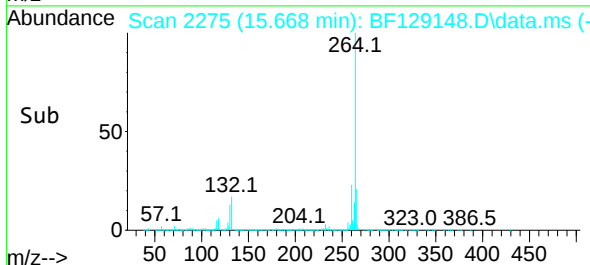
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

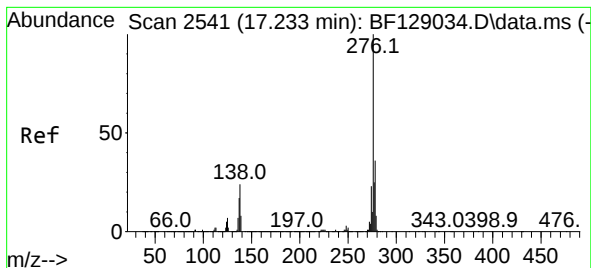


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



Tgt Ion:264 Resp: 561833
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.866 ng

RT: 17.221 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF129148.D

Acq: 06 Jul 2022 17:56

Instrument :

BNA_F

ClientSampleId :

SB-8B

Tgt Ion:276 Resp: 408869

Ion Ratio Lower Upper

276 100

138 22.5 21.1 31.7

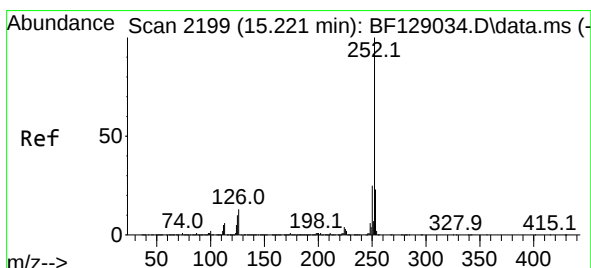
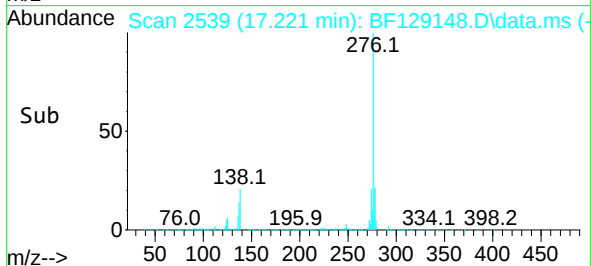
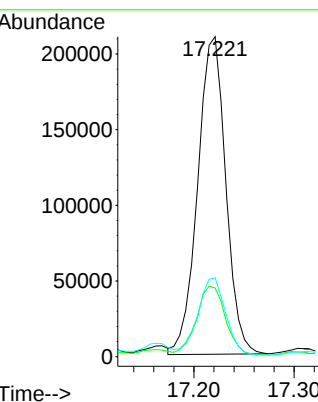
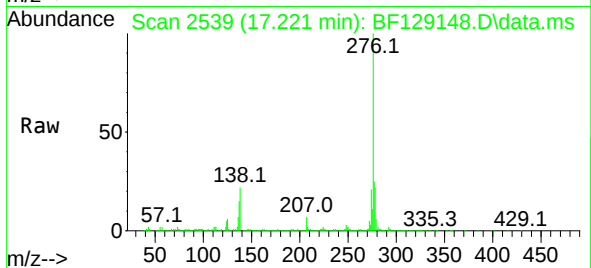
277 24.3 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#88

Benzo(b)fluoranthene

Concen: 28.592 ng m

RT: 15.215 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF129148.D

Acq: 06 Jul 2022 17:56

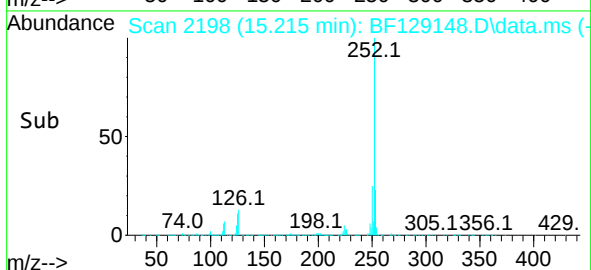
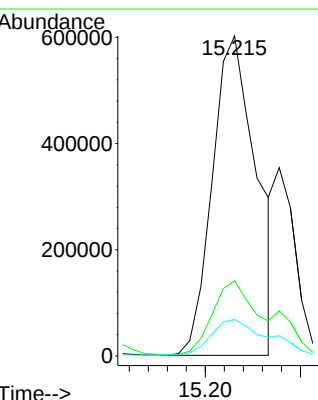
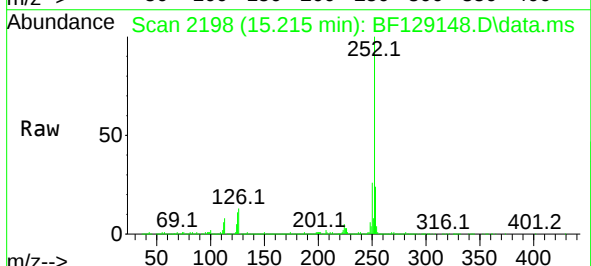
Tgt Ion:252 Resp: 966068

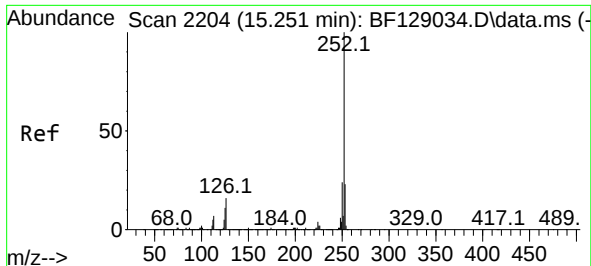
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

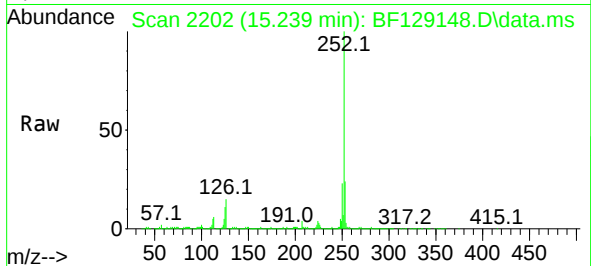
125 11.4 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 8.171 ng m
RT: 15.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

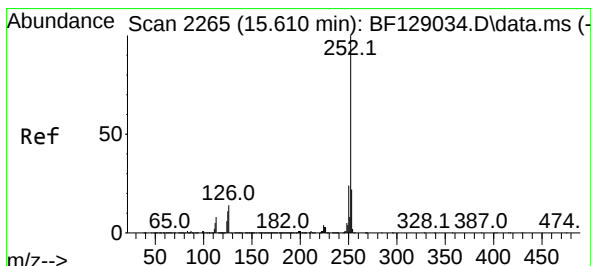
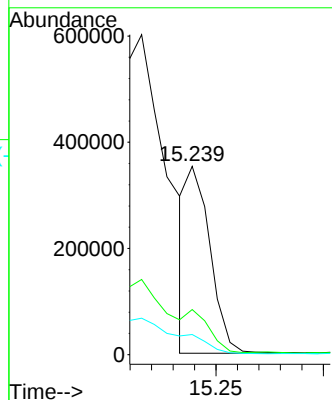
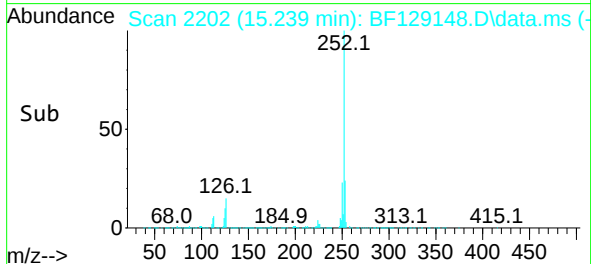
Instrument :
BNA_F
ClientSampleId :
SB-8B



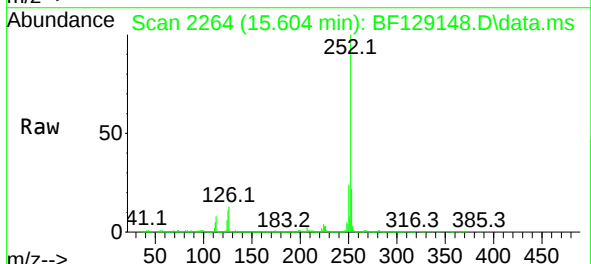
Tgt Ion:252 Resp: 267780
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.7 8.3 12.5

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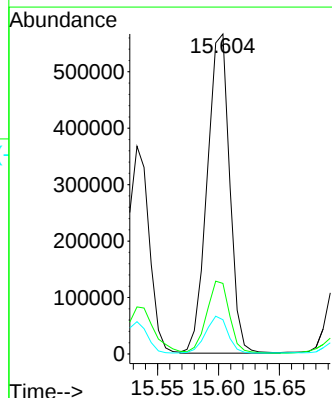
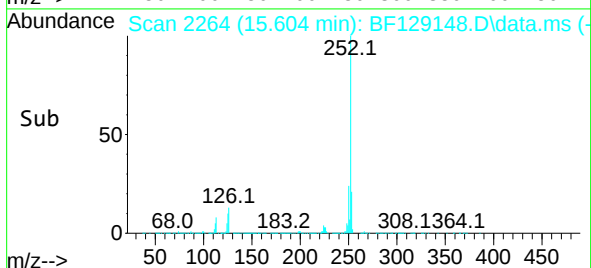
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

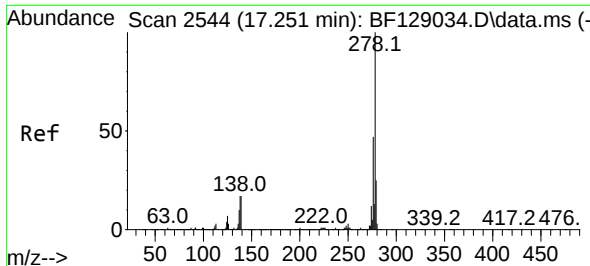


#90
Benzo(a)pyrene
Concen: 26.313 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56



Tgt Ion:252 Resp: 724788
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.7 8.8 13.2





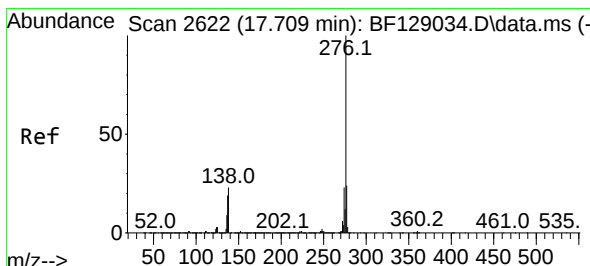
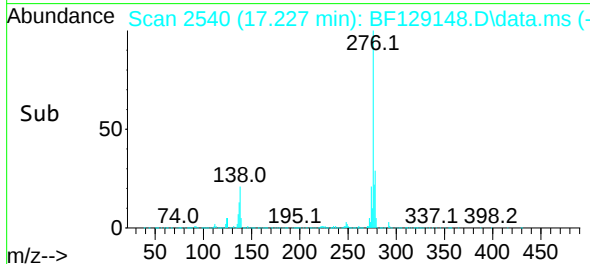
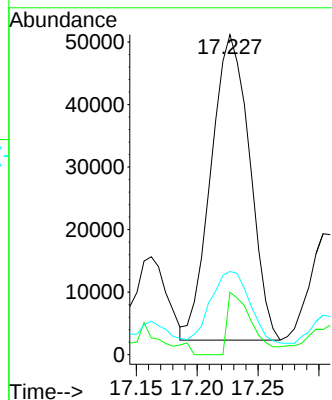
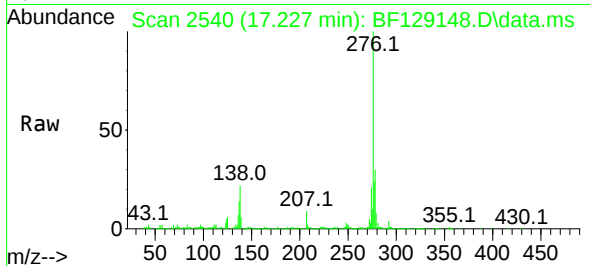
#91
Dibenzo(a,h)anthracene
Concen: 3.829 ng
RT: 17.227 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

Instrument :
BNA_F
ClientSampleId :
SB-8B

Tgt Ion:278 Resp: 107549
Ion Ratio Lower Upper
278 100
139 19.5 12.8 19.2
279 26.0 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#92
Benzo(g,h,i)perylene
Concen: 12.500 ng
RT: 17.692 min Scan# 2619
Delta R.T. -0.018 min
Lab File: BF129148.D
Acq: 06 Jul 2022 17:56

Tgt Ion:276 Resp: 352285
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 23.5 18.0 27.0

