

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126463.D
 Acq On : 3 Jan 2022 18:58
 Operator : JU/CG
 Sample : M5257-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D3-12292021

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/04/2022
 Supervised By : Jagrut Upadhyay 01/04/2022

Quant Time: Jan 04 05:21:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	91568	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	388058	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	183935	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	327389	20.000	ng	0.00
76) Chrysene-d12	13.957	240	200004	20.000	ng	0.00
86) Perylene-d12	15.404	264	153847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	298276	46.779	ng	0.00
7) Phenol-d6	6.428	99	333155	40.340	ng	0.00
23) Nitrobenzene-d5	7.357	82	218983	28.975	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	66143	46.535	ng	0.03
45) 2-Fluorobiphenyl	9.157	172	306293	29.303	ng	0.00
79) Terphenyl-d14	12.904	244	337140	32.751	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	224306	13.401	ng	98
72) Anthracene	11.392	178	57698	3.445	ng	99
75) Fluoranthene	12.533	202	511072	33.455	ng	97
78) Pyrene	12.763	202	446061	26.391	ng	99
81) Benzo(a)anthracene	13.951	228	216875	18.855	ng	98
83) Chrysene	13.986	228	204533	17.336	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	56018m	7.217	ng	
87) Indeno(1,2,3-cd)pyrene	16.821	276	94271	9.156	ng	97
88) Benzo(b)fluoranthene	14.986	252	249111m	27.181	ng	
89) Benzo(k)fluoranthene	15.009	252	78758m	8.871	ng	
90) Benzo(a)pyrene	15.339	252	164817	21.448	ng	# 94
91) Dibenzo(a,h)anthracene	16.833	278	24822	2.988	ng	# 81
92) Benzo(g,h,i)perylene	17.251	276	92074	10.408	ng	99

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

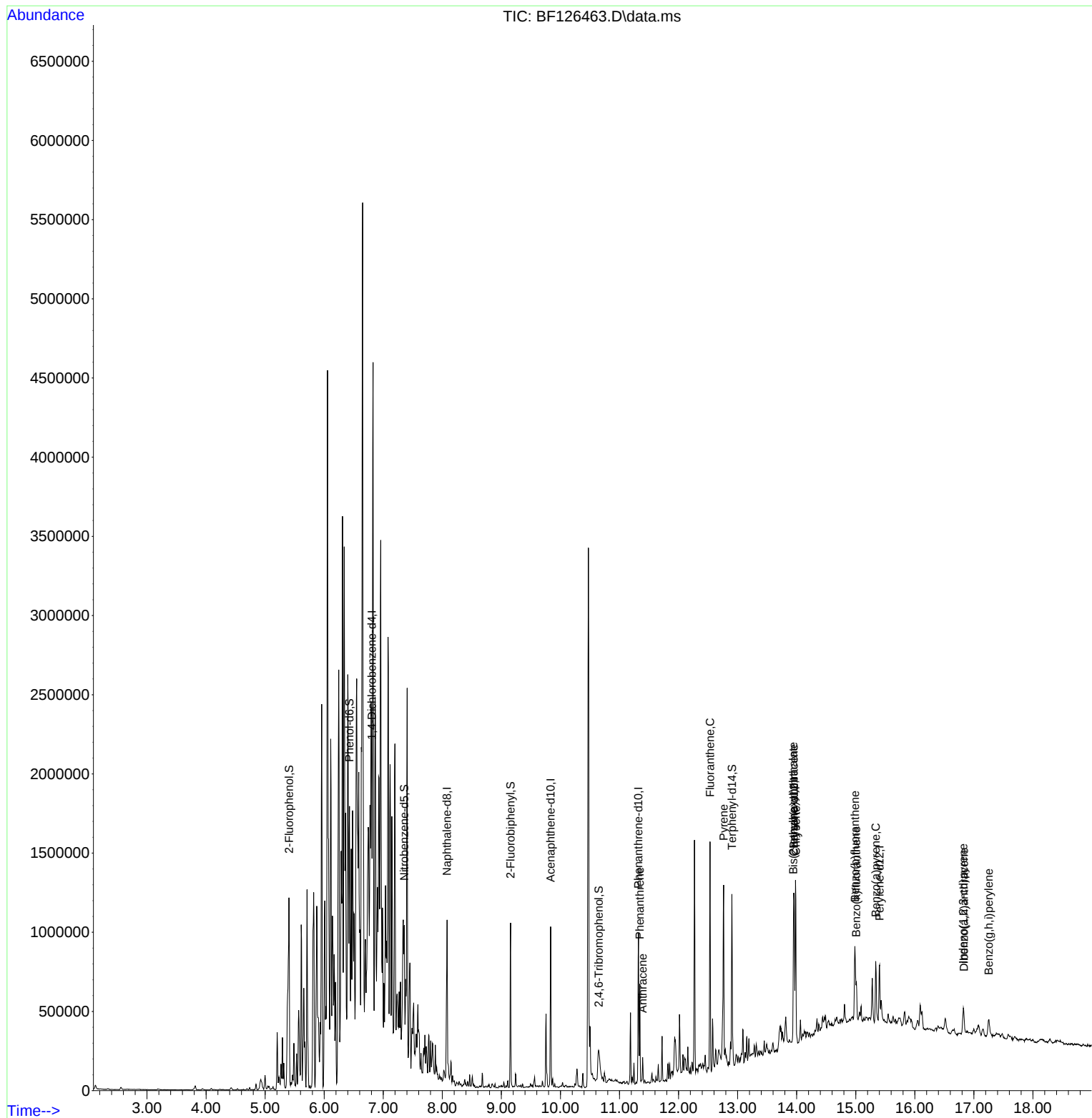
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126463.D
Acq On : 3 Jan 2022 18:58
Operator : JU/CG
Sample : M5257-01 2X
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ALS Vial : 19 Sample Multiplier: 1

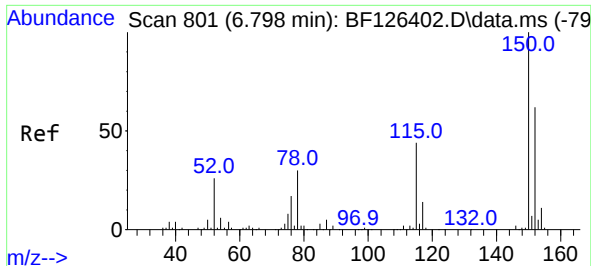
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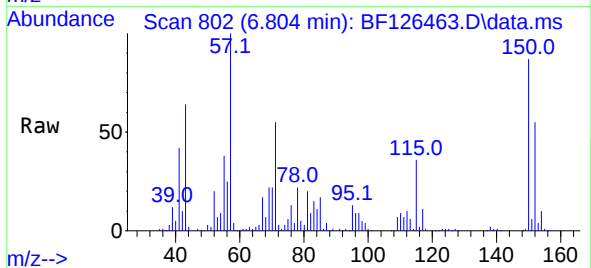
Quant Time: Jan 04 05:21:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

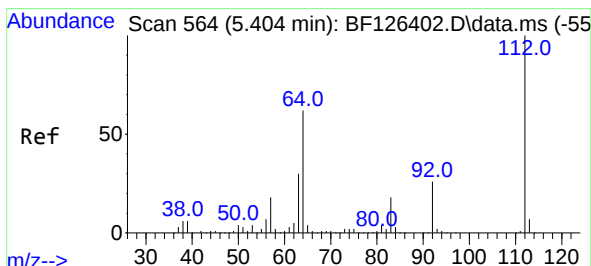
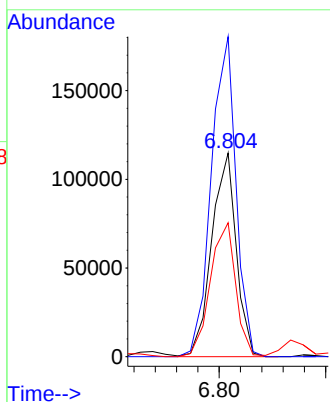
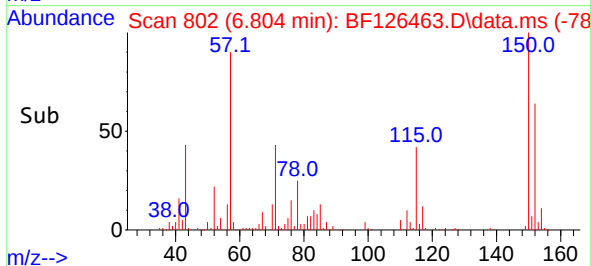
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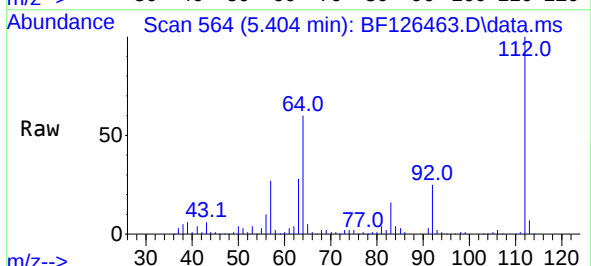
Tgt Ion:152 Resp: 91568
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 65.8 56.7 85.1

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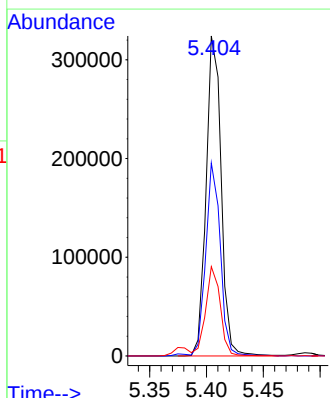
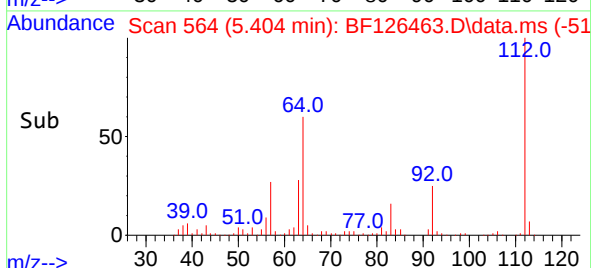
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022

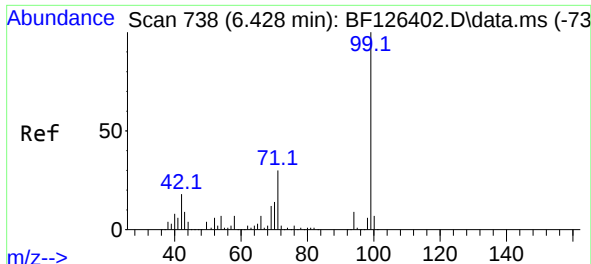


#5
2-Fluorophenol
Concen: 46.779 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58



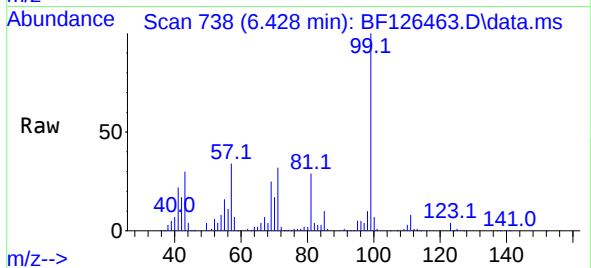
Tgt Ion:112 Resp: 298276
Ion Ratio Lower Upper
112 100
64 60.3 49.5 74.3
63 27.9 23.9 35.9





#7
Phenol-d6
Concen: 40.340 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

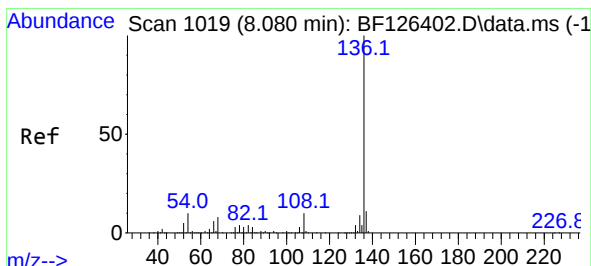
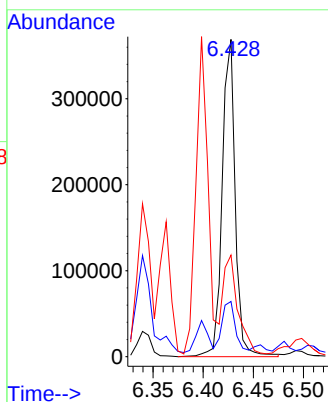
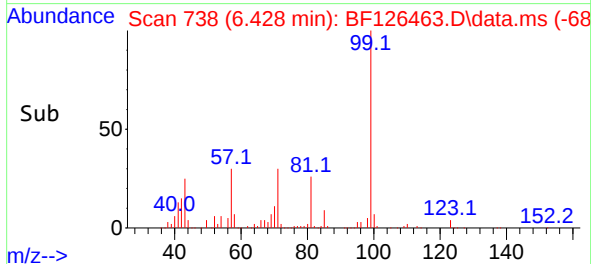
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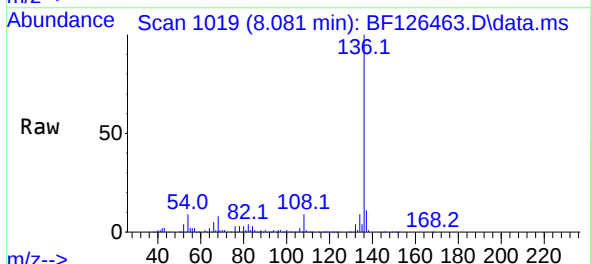
Tgt Ion: 99 Resp: 33315
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 32.0 24.3 36.5

Manual Integrations
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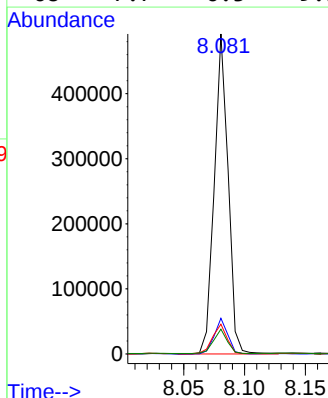
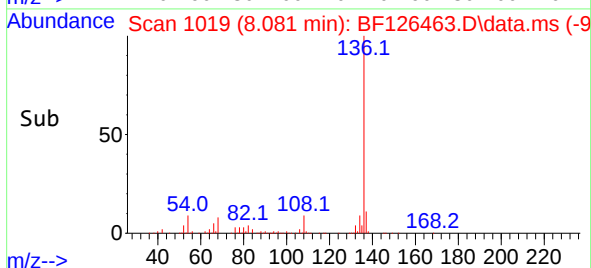
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022

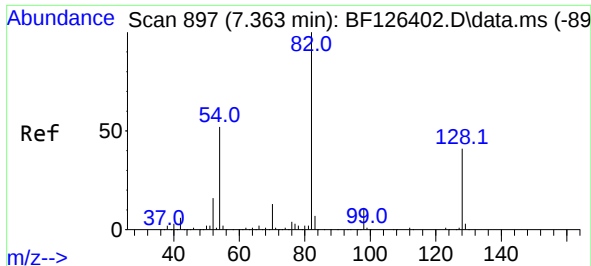


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58



Tgt Ion:136 Resp: 388058
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.8 11.6
68 7.7 6.3 9.5





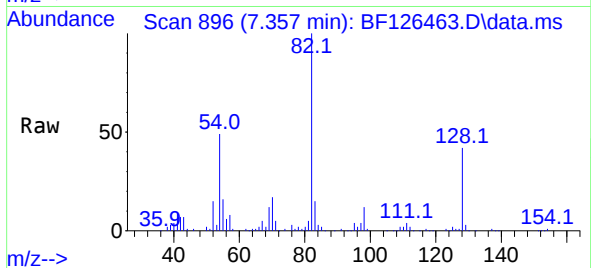
#23
Nitrobenzene-d5
Concen: 28.975 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

D3-12292021

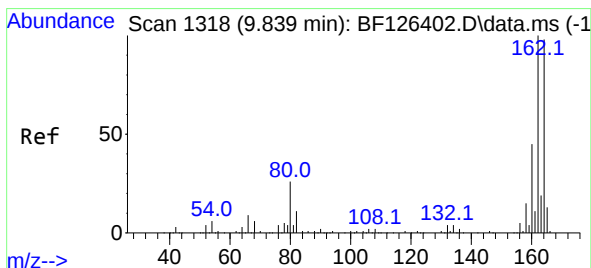
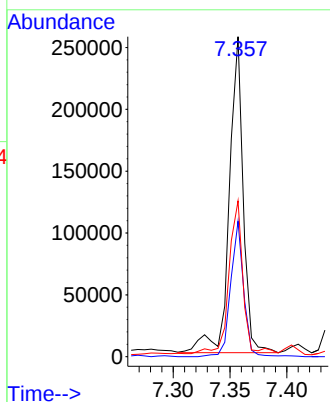
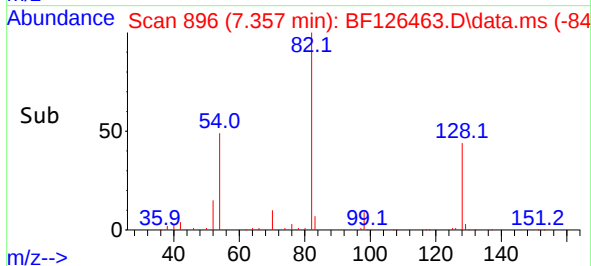


Tgt Ion: 82 Resp: 21898
Ion Ratio Lower Upper
82 100
128 42.4 32.7 49.1
54 48.7 41.7 62.5

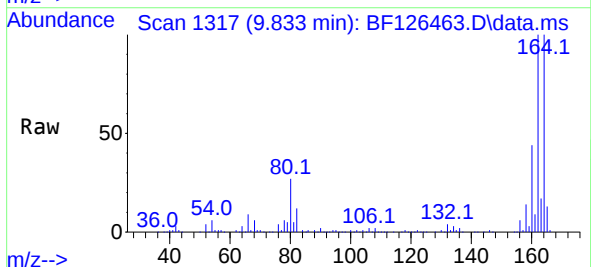
Manual Integrations

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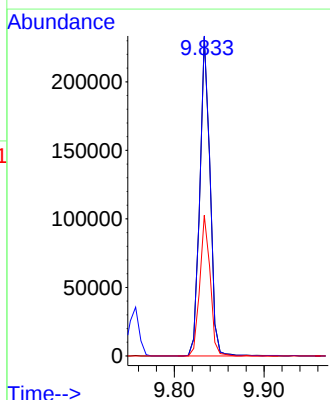
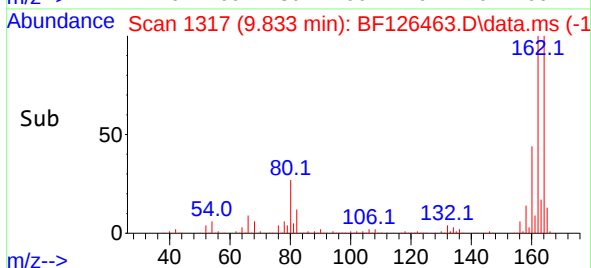
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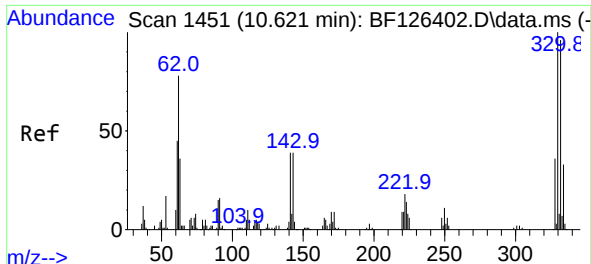


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58



Tgt Ion:164 Resp: 183935
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.2 36.6 54.8





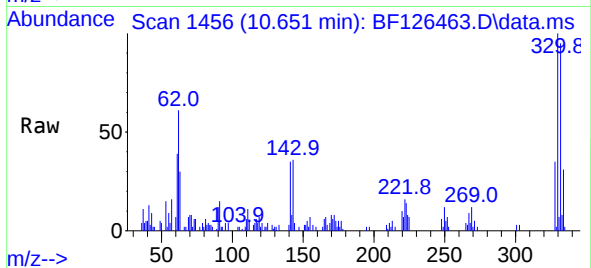
#42
2,4,6-Tribromophenol
Concen: 46.535 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.029 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Instrument :

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ClientSampleId :

D3-12292021

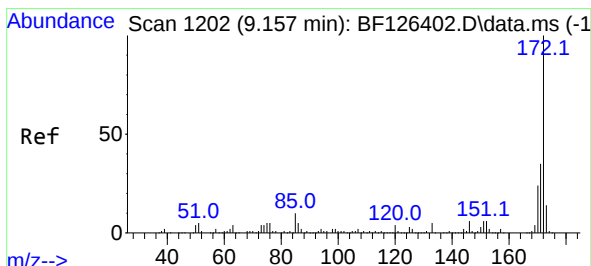
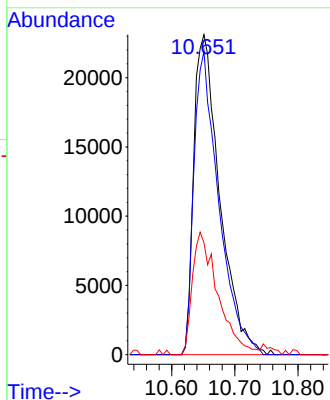
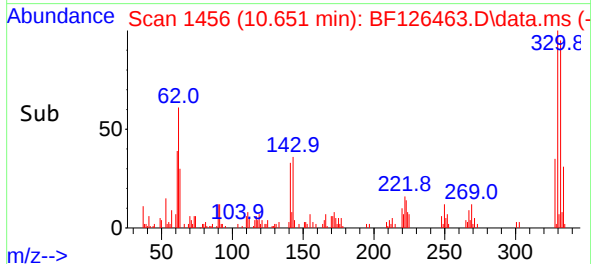


Tgt Ion:330 Resp: 6614
Ion Ratio Lower Upper
330 100
332 90.2 76.0 114.0
141 37.7 30.1 45.1

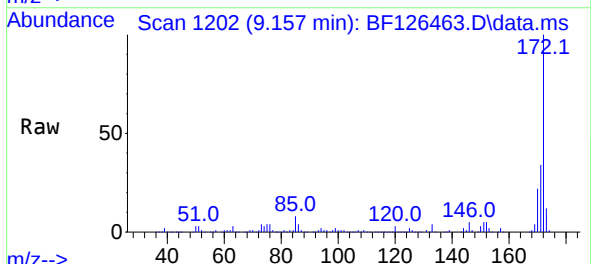
Manual Integrations

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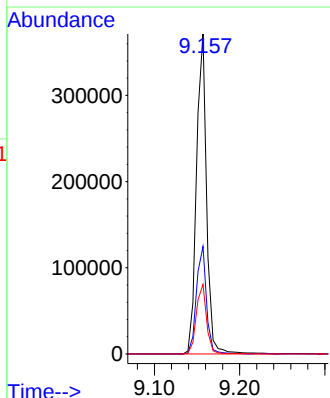
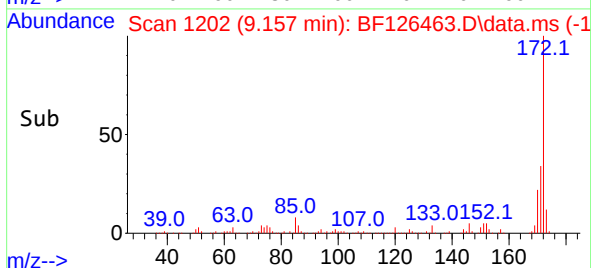
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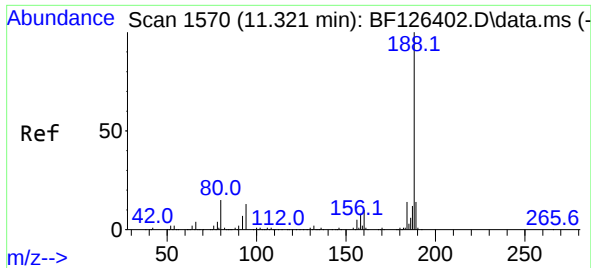


#45
2-Fluorobiphenyl
Concen: 29.303 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58



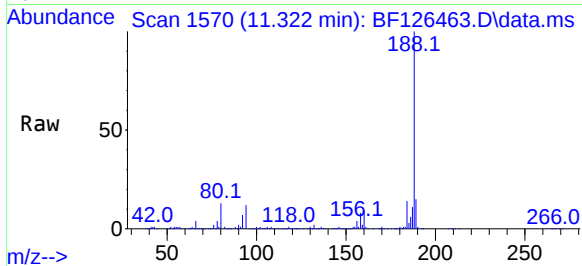
Tgt Ion:172 Resp: 306293
Ion Ratio Lower Upper
172 100
171 33.6 28.3 42.5
170 21.7 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

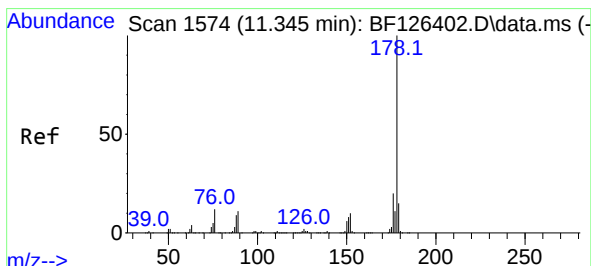
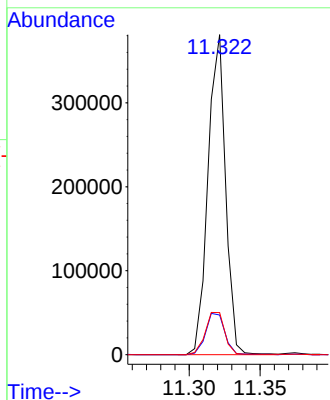
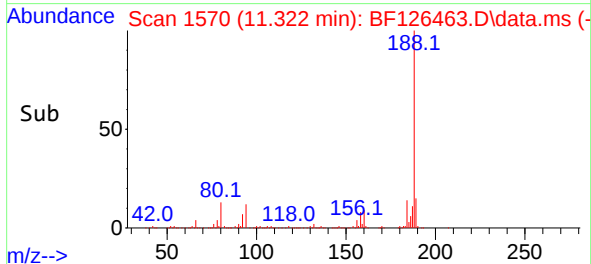
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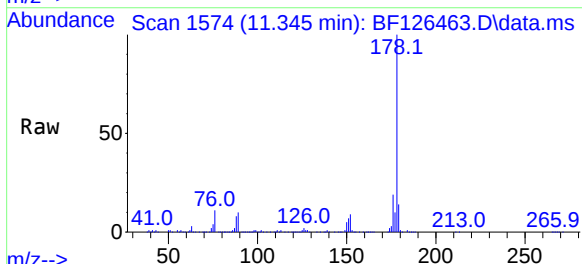
Tgt Ion:188 Resp: 327389
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.1 11.8 17.6

Manual Integrations
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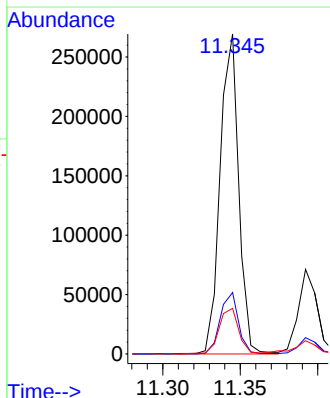
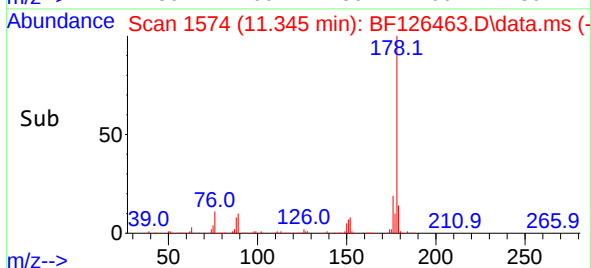
Reviewed By :Christian Giraldo 01/04/2022
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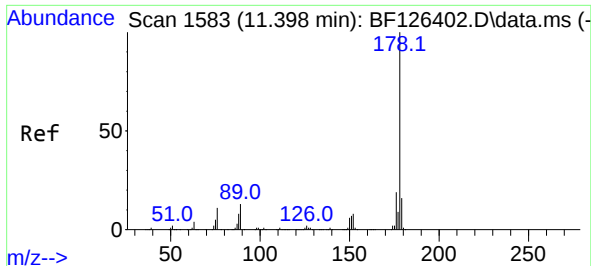


#71
Phenanthrene
Concen: 13.401 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58



Tgt Ion:178 Resp: 224306
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.3 12.3 18.5





#72
 Anthracene
 Concen: 3.445 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126463.D
 Acq: 3 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

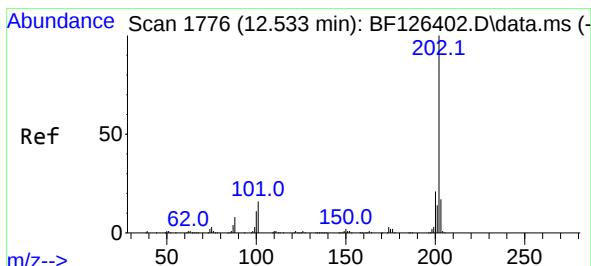
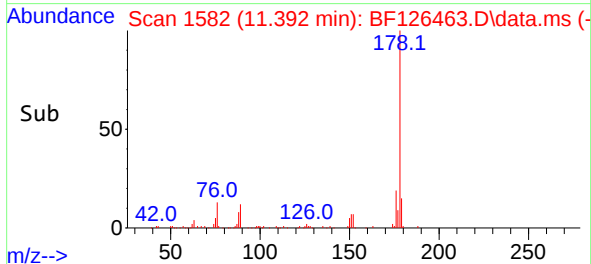
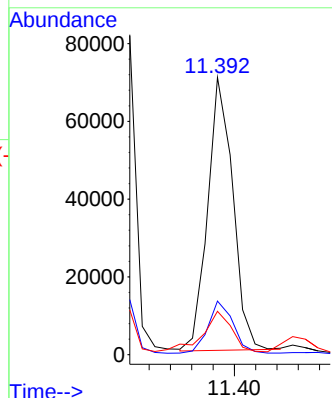
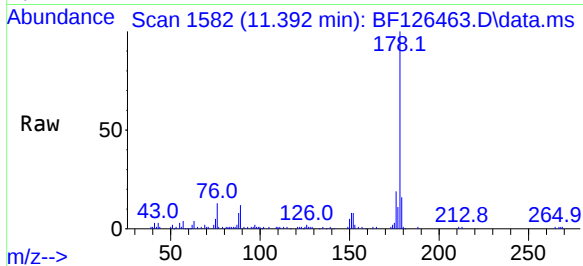
D3-12292021

Tgt Ion:178 Resp: 57698
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.0 22.6
 179 15.6 12.5 18.7

Manual Integrations

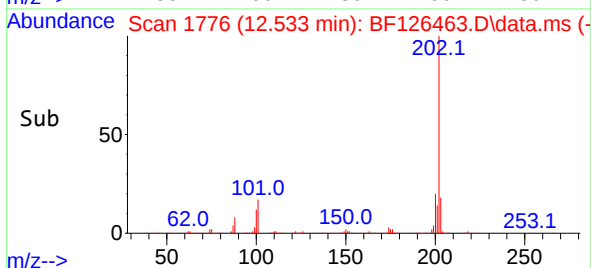
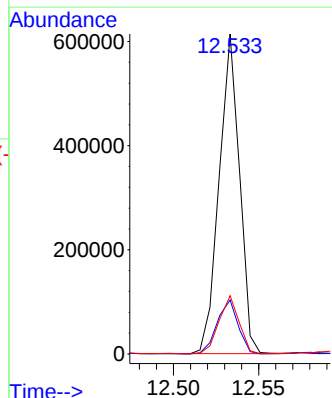
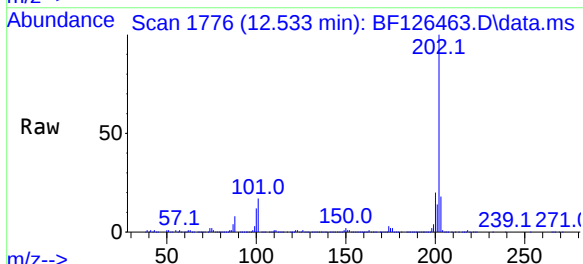
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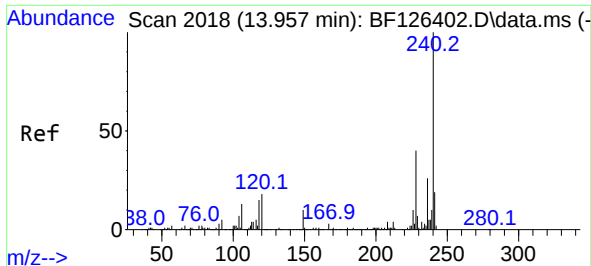
Reviewed By :Christian Giraldo 01/04/2022
 Supervised By :Jagrut Upadhyay 01/04/2022



#75
 Fluoranthene
 Concen: 33.455 ng
 RT: 12.533 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: BF126463.D
 Acq: 3 Jan 2022 18:58

Tgt Ion:202 Resp: 511072
 Ion Ratio Lower Upper
 202 100
 101 16.9 0.0 35.7
 203 18.2 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

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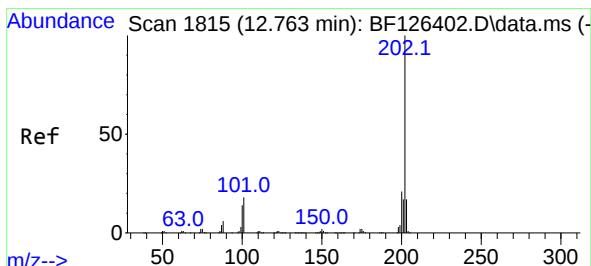
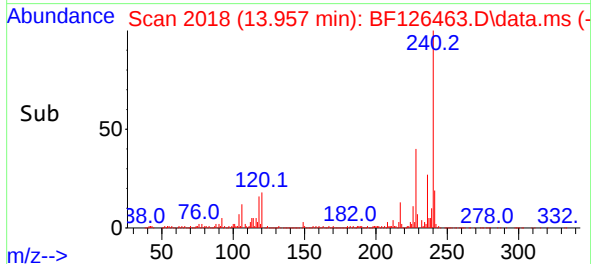
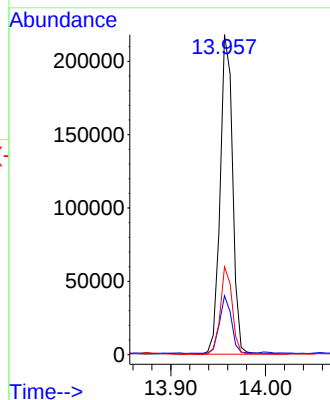
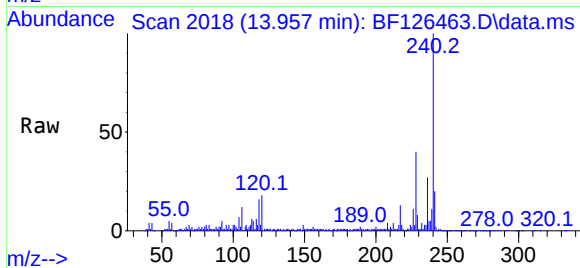
D3-12292021

Tgt Ion:240 Resp: 200004
Ion Ratio Lower Upper
240 100
120 18.4 14.4 21.6
236 27.5 20.5 30.7

Manual Integrations

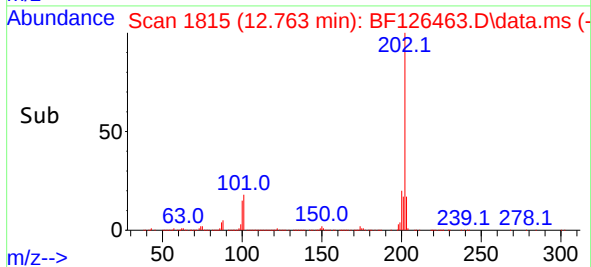
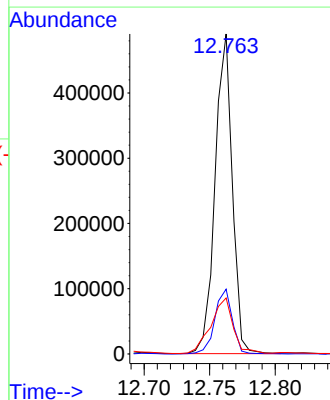
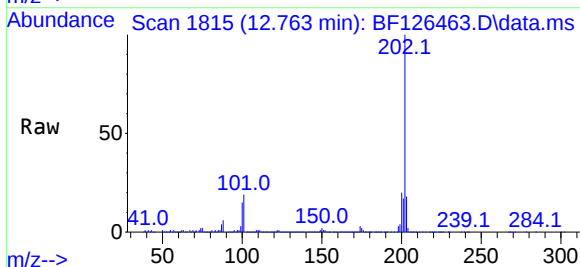
APPROVED

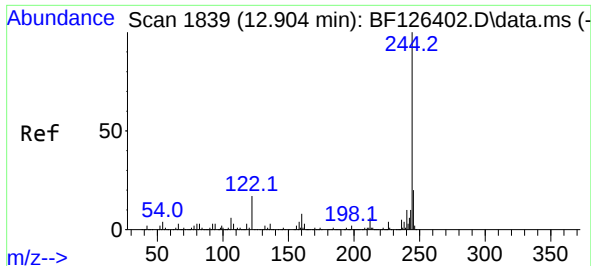
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022



#78
Pyrene
Concen: 26.391 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Tgt Ion:202 Resp: 446061
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.5 13.8 20.8





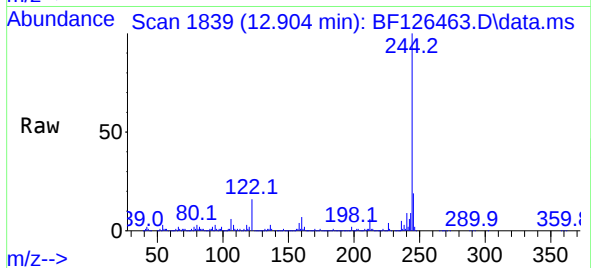
#79
 Terphenyl-d14
 Concen: 32.751 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF126463.D
 Acq: 3 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

D3-12292021

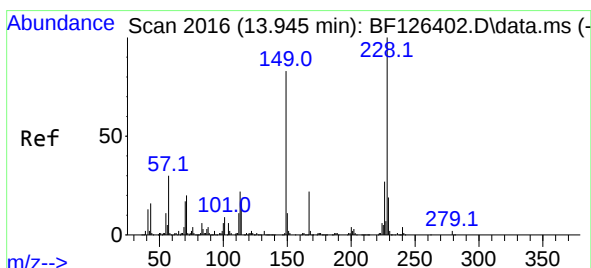
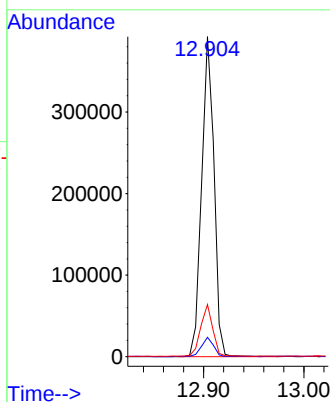
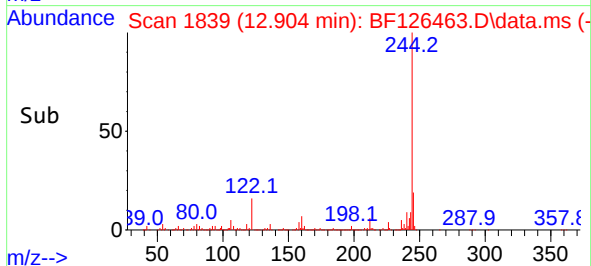


Tgt Ion:244 Resp: 337140
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 16.3 13.3 19.9

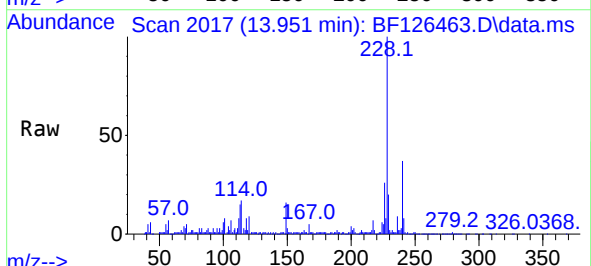
Manual Integrations

APPROVED

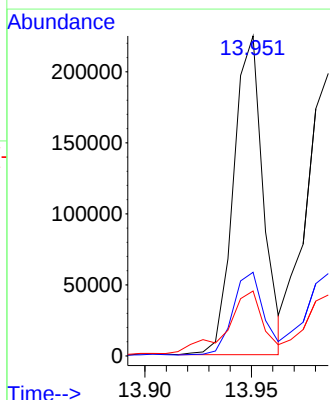
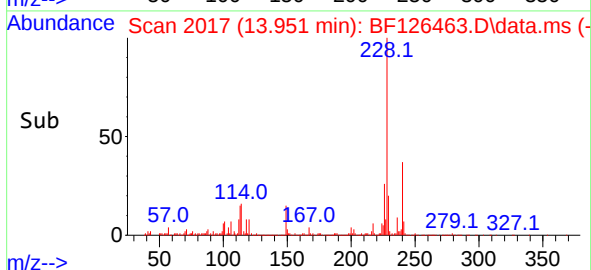
Reviewed By :Christian Giraldo 01/04/2022
 Supervised By :Jagrut Upadhyay 01/04/2022

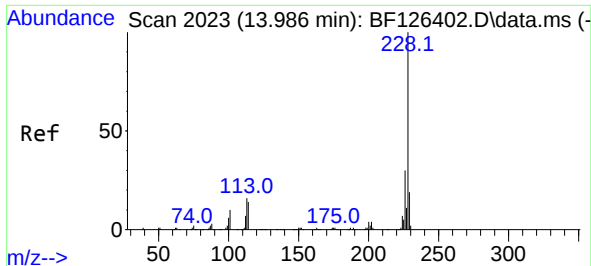


#81
 Benzo(a)anthracene
 Concen: 18.855 ng
 RT: 13.951 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: BF126463.D
 Acq: 3 Jan 2022 18:58



Tgt Ion:228 Resp: 216875
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.4 32.0
 229 20.3 15.4 23.2





#83
Chrysene
Concen: 17.336 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

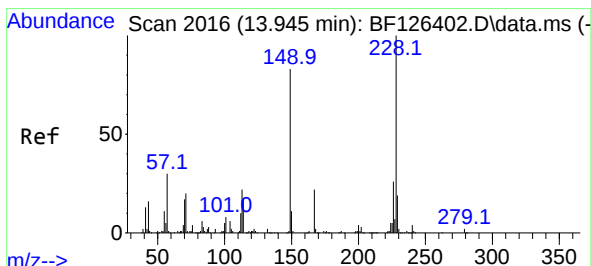
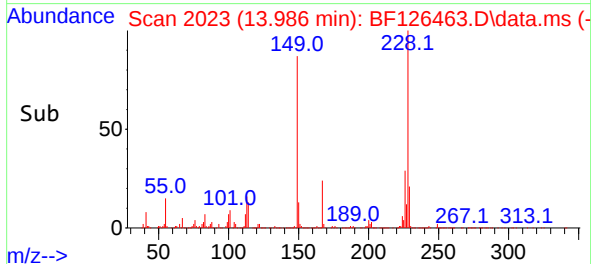
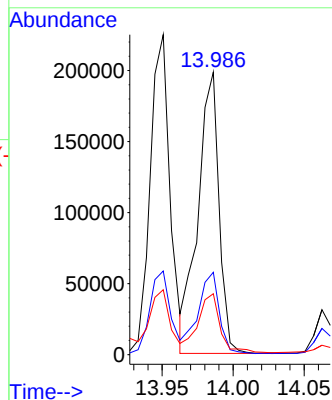
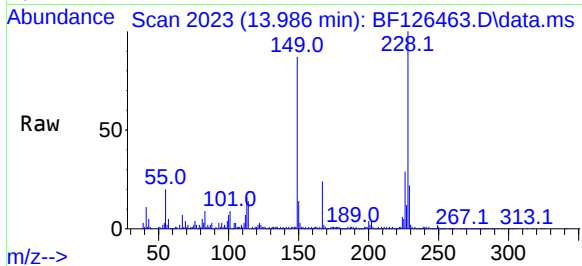
D3-12292021

Tgt Ion:228 Resp: 20453
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 21.6 15.5 23.3

Manual Integrations

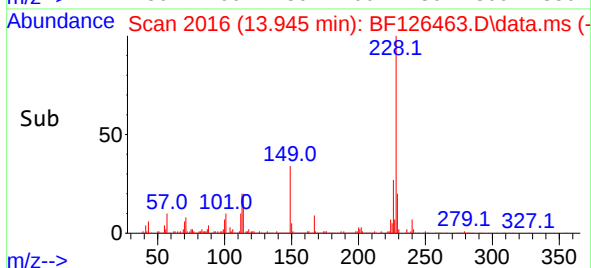
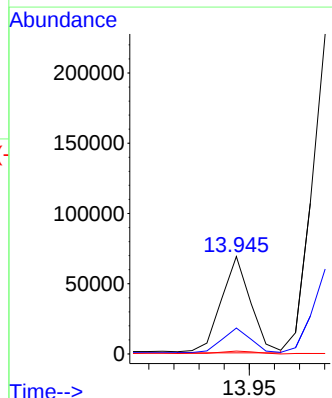
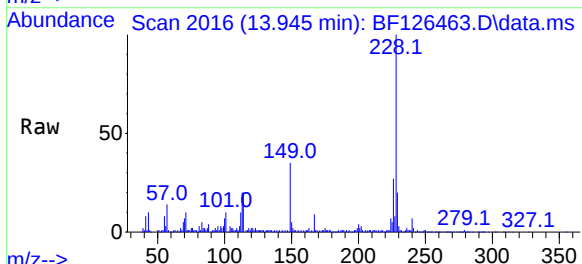
APPROVED

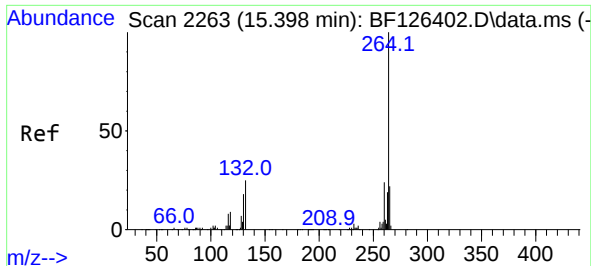
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.217 ng m
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Tgt Ion:149 Resp: 56018
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.2
279 3.0 2.4 3.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

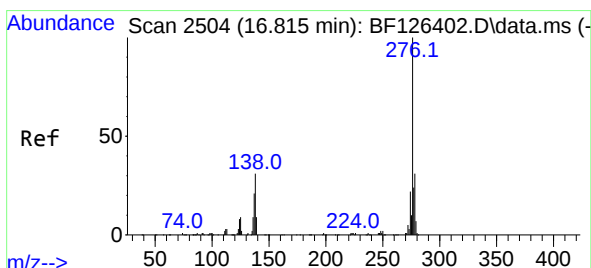
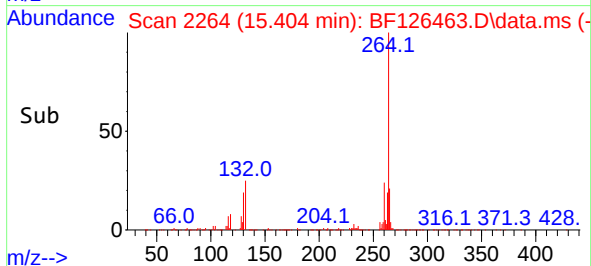
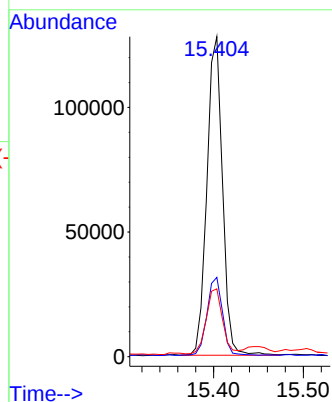
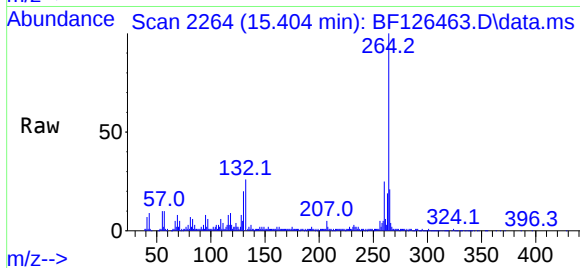
D3-12292021

Tgt Ion:264 Resp: 15384
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.2 17.4 26.2

Manual Integrations

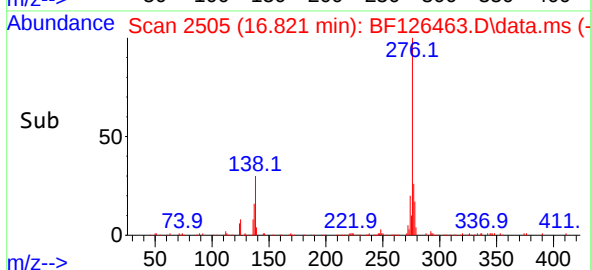
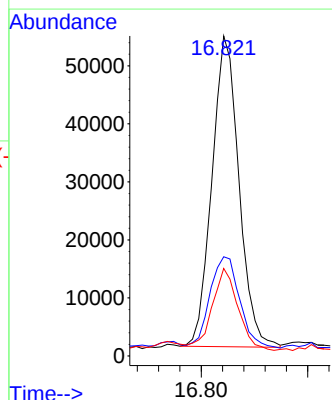
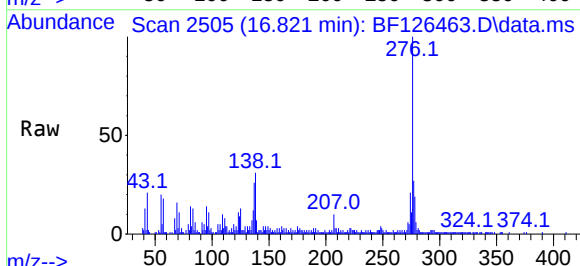
APPROVED

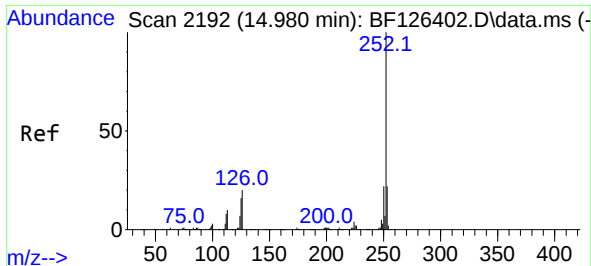
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.156 ng
RT: 16.821 min Scan# 2505
Delta R.T. 0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

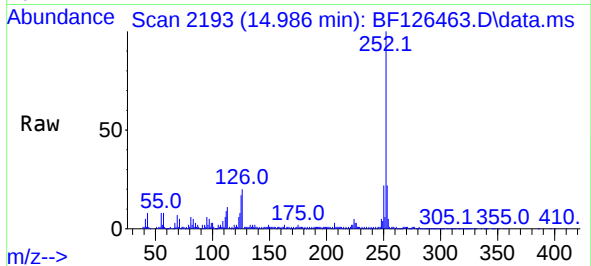
Tgt Ion:276 Resp: 94271
Ion Ratio Lower Upper
276 100
138 33.8 29.2 43.8
277 25.5 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 27.181 ng m
RT: 14.986 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

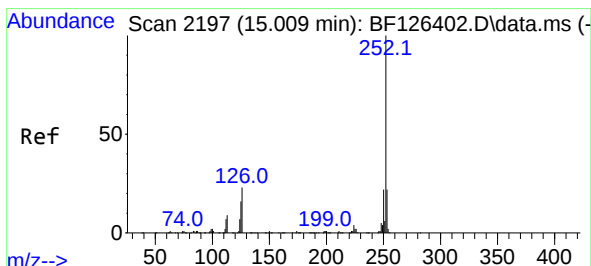
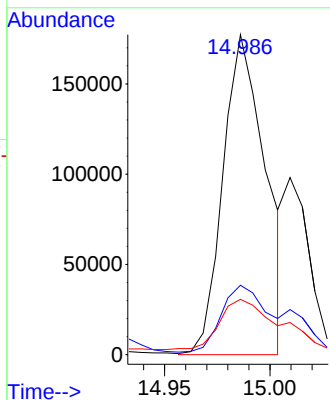
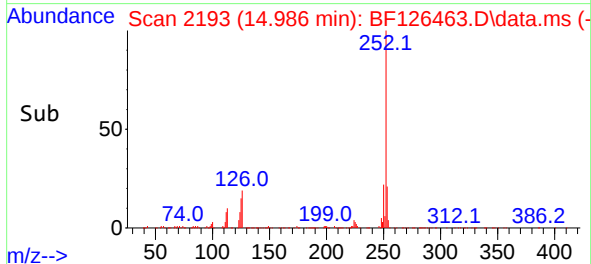
Instrument :
BNA_F
ClientSampleId :
D3-12292021



Tgt Ion:252 Resp: 24911
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 17.3 12.4 18.6

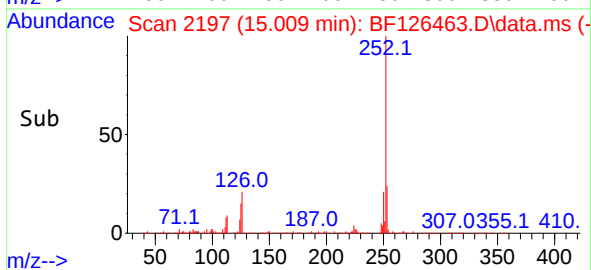
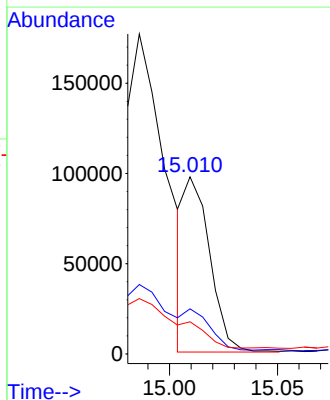
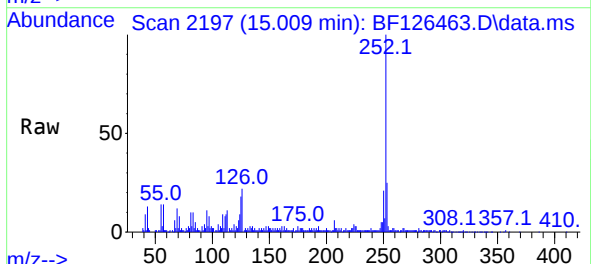
Manual Integrations
APPROVED

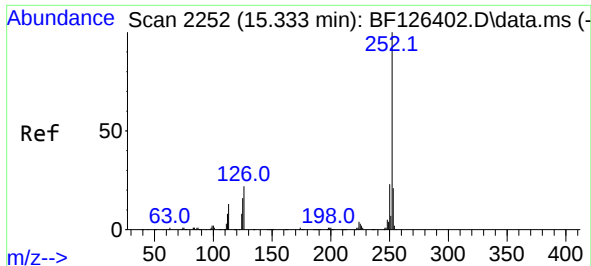
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022



#89
Benzo(k)fluoranthene
Concen: 8.871 ng m
RT: 15.009 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Tgt Ion:252 Resp: 78758
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 18.1 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 21.448 ng
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

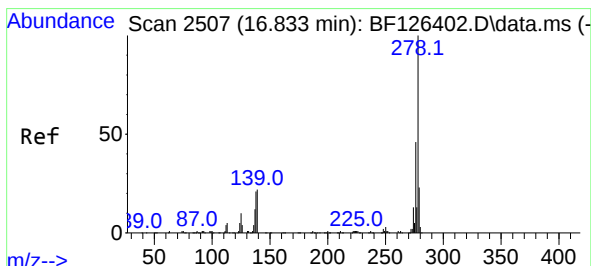
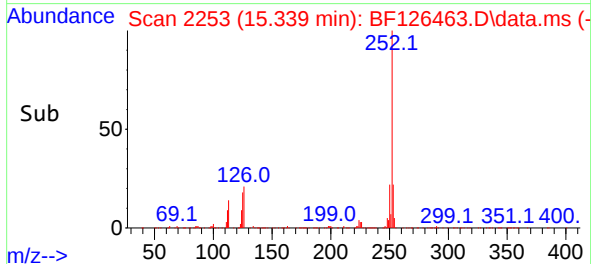
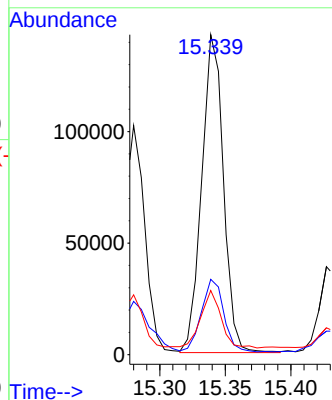
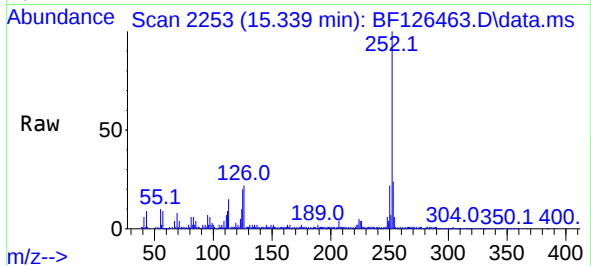
D3-12292021

Tgt Ion:252 Resp: 16481
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 20.1 13.0 19.6

Manual Integrations

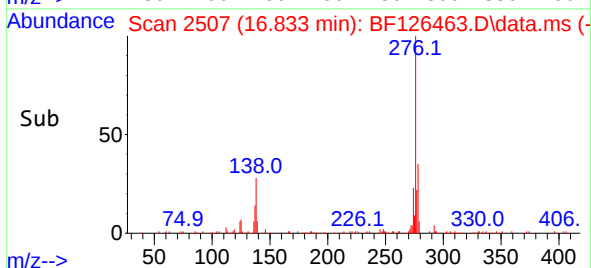
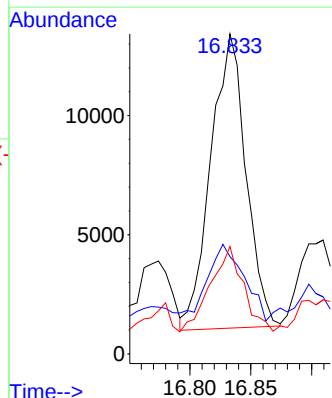
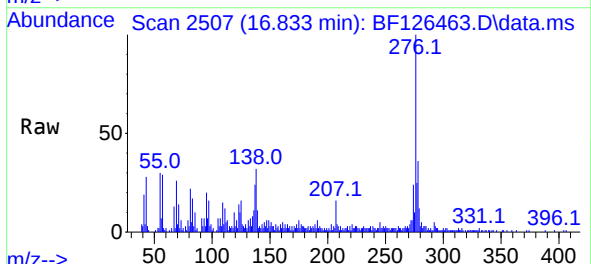
APPROVED

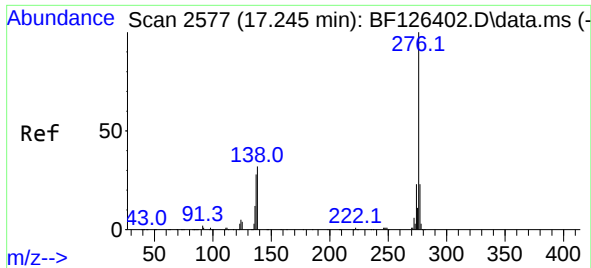
Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022



#91
Dibenzo(a,h)anthracene
Concen: 2.988 ng
RT: 16.833 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BF126463.D
Acq: 3 Jan 2022 18:58

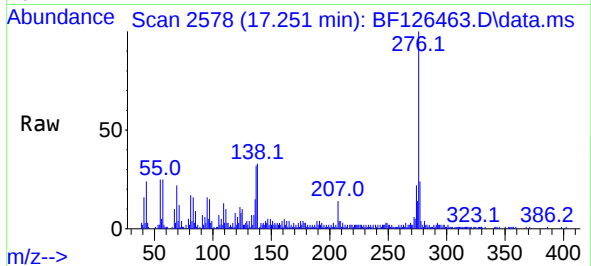
Tgt Ion:278 Resp: 24822
Ion Ratio Lower Upper
278 100
139 30.4 18.0 27.0#
279 33.6 18.6 27.8#





#92
 Benzo(g,h,i)perylene
 Concen: 10.408 ng
 RT: 17.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126463.D
 Acq: 3 Jan 2022 18:58

Instrument :
 BNA_F
 ClientSampleId :
 D3-12292021



Tgt Ion:276 Resp: 92074
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.5 27.7
 138 33.2 25.9 38.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/04/2022
 Supervised By :Jagrut Upadhyay 01/04/2022

