

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143966.D
 Acq On : 15 Oct 2025 21:51
 Operator : RC/JU
 Sample : Q3337-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

Quant Time: Oct 16 11:11:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114727	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	418108	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	206014	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	288040	20.00	ng	0.00
76) Chrysene-d12	14.057	240	238310	20.00	ng	-0.01
86) Perylene-d12	15.545	264	245031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	211625	29.29	ng	0.00
7) Phenol-d6	6.498	99	248007	28.80	ng	-0.02
23) Nitrobenzene-d5	7.439	82	142698	20.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	39338	19.17	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	298139	22.96	ng	-0.01
79) Terphenyl-d14	12.998	244	195937	14.05	ng	-0.01
Target Compounds						
75) Fluoranthene	12.627	202	44474	3.08	ng	98
78) Pyrene	12.857	202	41826	2.11	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	28403	3.65	ng	# 93
88) Benzo(b)fluoranthene	15.110	252	34795m	2.47	ng	

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

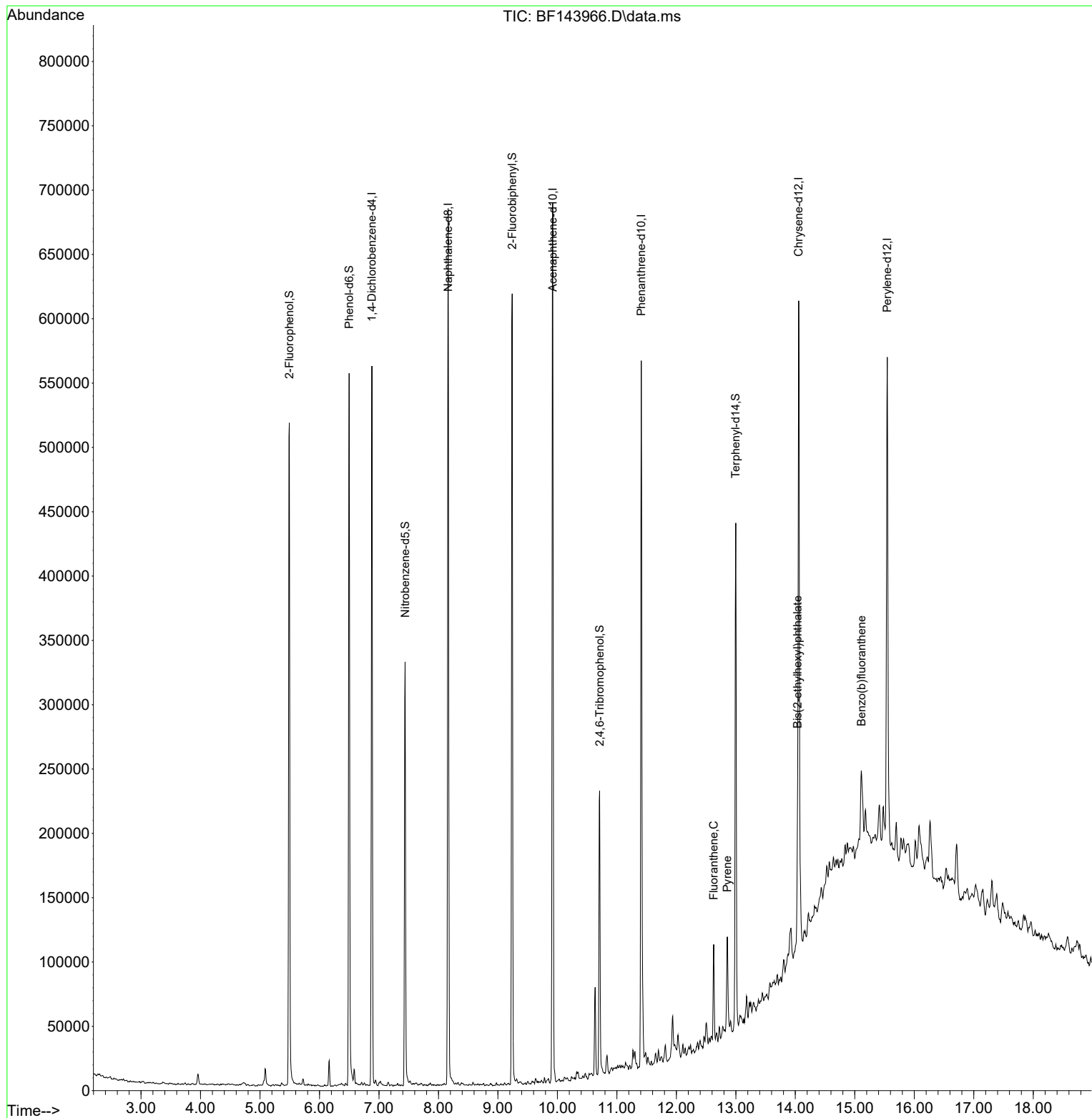
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143966.D
Acq On : 15 Oct 2025 21:51
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Sample : Q3337-03
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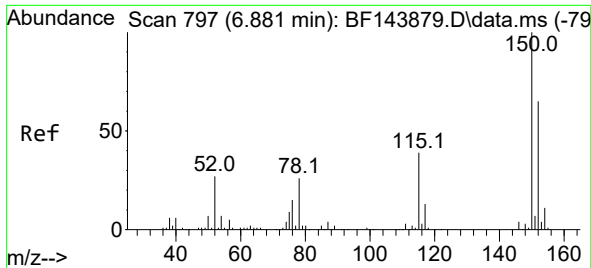
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-2

Quant Time: Oct 16 11:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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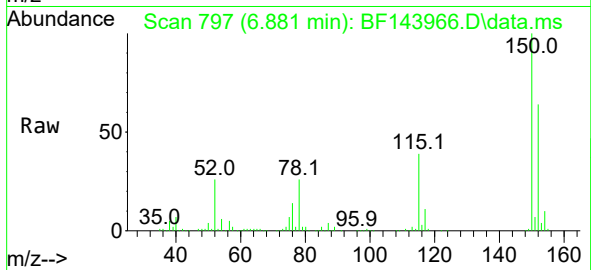
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

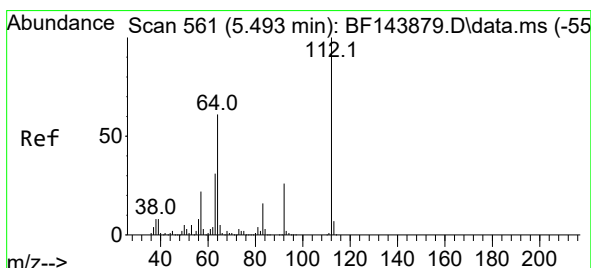
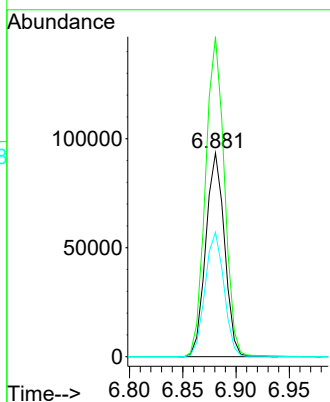
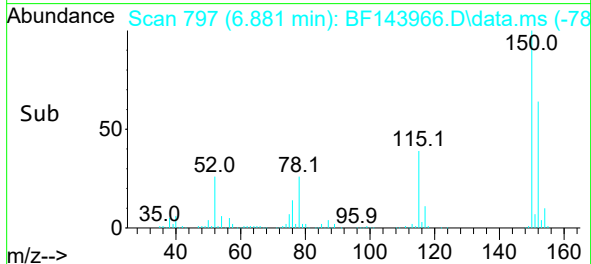
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-2



Tgt Ion:152 Resp: 11472
Ion Ratio Lower Upper
152 100
150 157.1 124.4 186.6
115 61.1 48.1 72.1

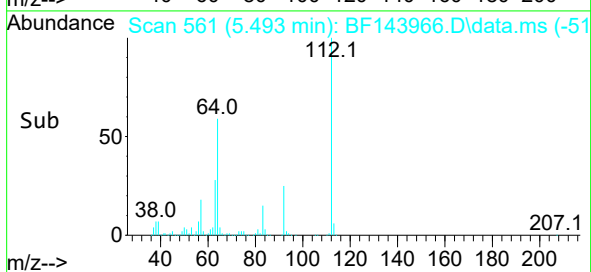
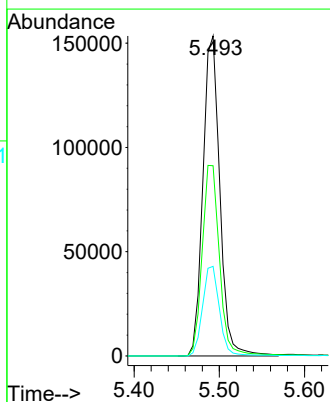
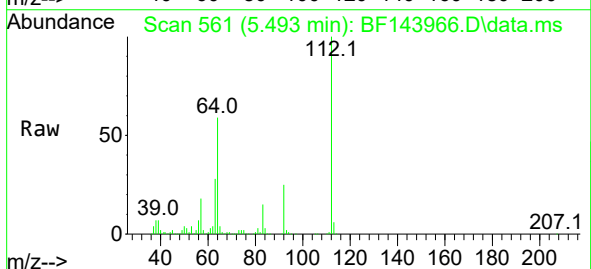
Manual Integrations
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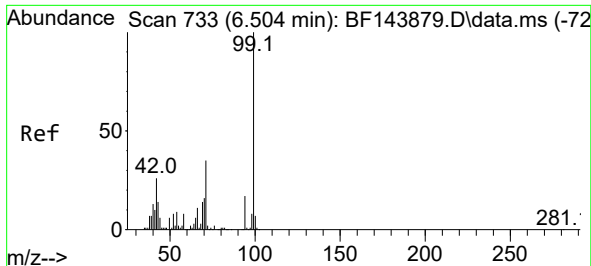
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#5
2-Fluorophenol
Concen: 29.29 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

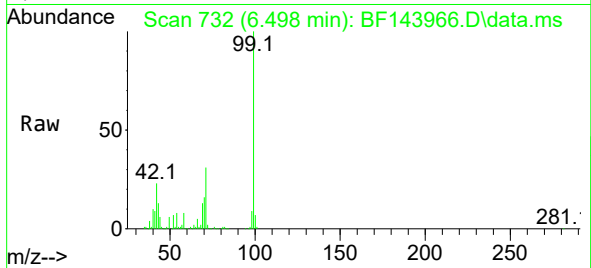
Tgt Ion:112 Resp: 211625
Ion Ratio Lower Upper
112 100
64 59.4 49.1 73.7
63 28.0 24.5 36.7





#7
Phenol-d6
Concen: 28.80 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

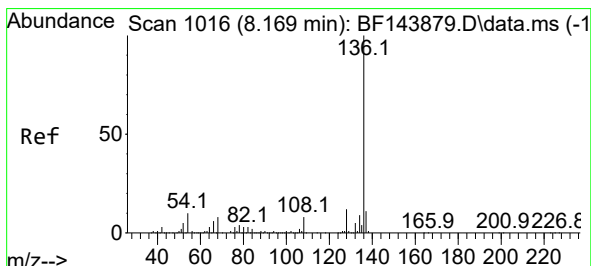
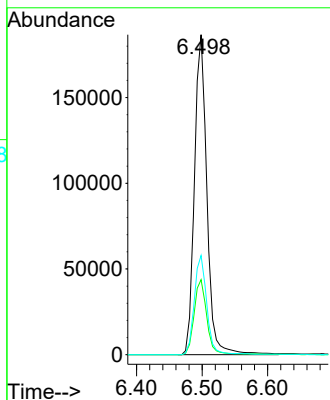
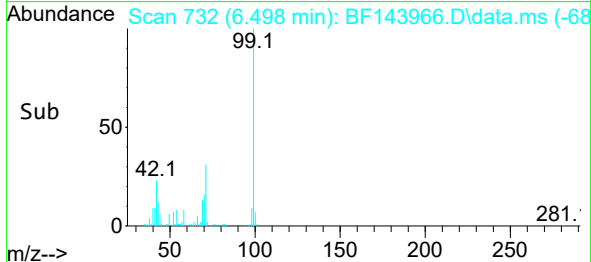
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-2



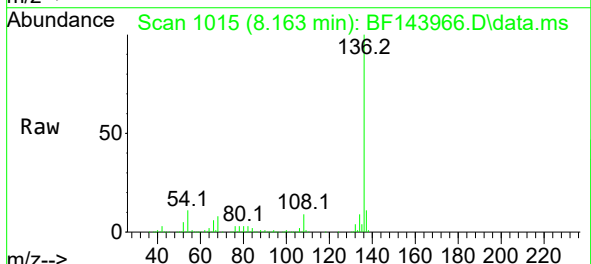
Tgt Ion: 99 Resp: 24800
Ion Ratio Lower Upper
99 100
42 23.5 21.0 31.4
71 31.0 27.8 41.8

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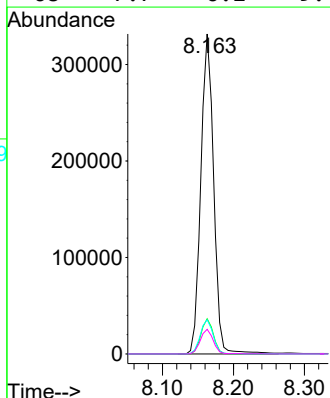
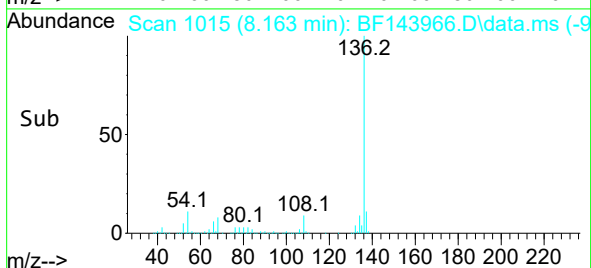
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

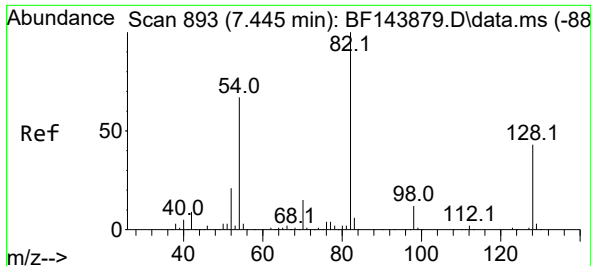


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51



Tgt Ion:136 Resp: 418108
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.7 8.2 12.4
68 7.7 6.2 9.4





#23

Nitrobenzene-d5

Concen: 20.74 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143966.D

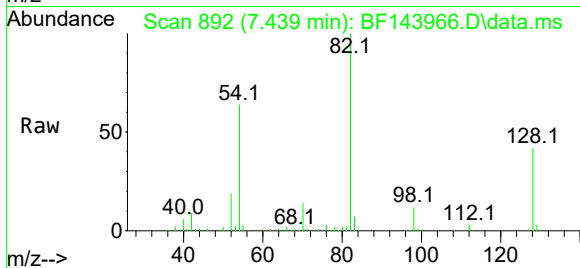
Acq: 15 Oct 2025 21:51

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-2



Tgt Ion: 82 Resp: 142698

Ion Ratio Lower Upper

82 100

128 41.9 34.0 51.0

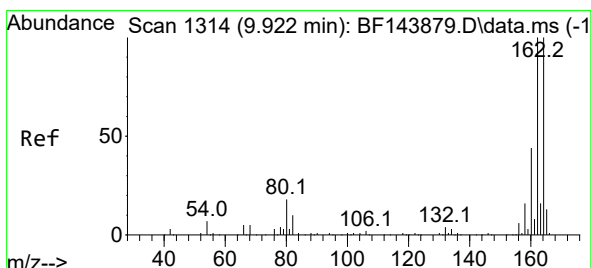
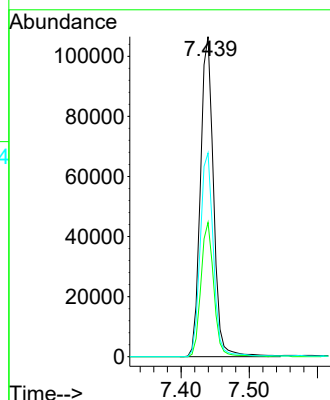
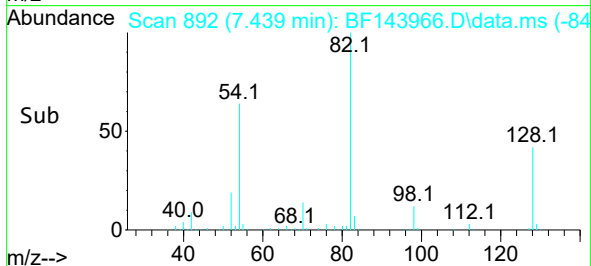
54 63.6 53.2 79.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/16/2025



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143966.D

Acq: 15 Oct 2025 21:51

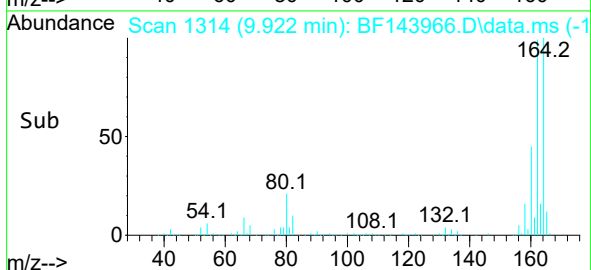
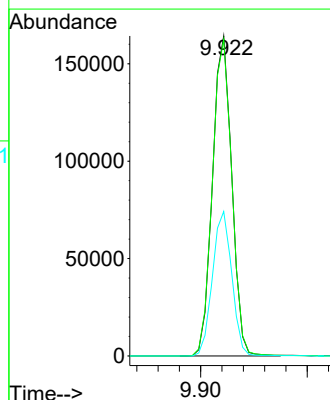
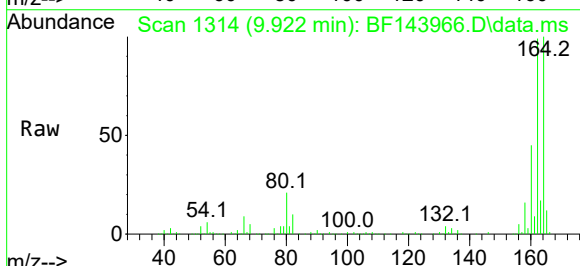
Tgt Ion:164 Resp: 206014

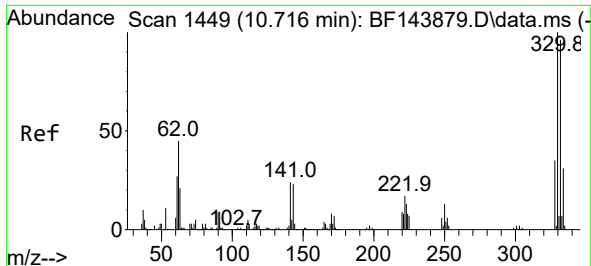
Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 45.2 35.4 53.0





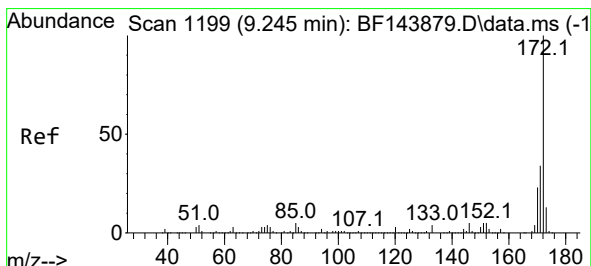
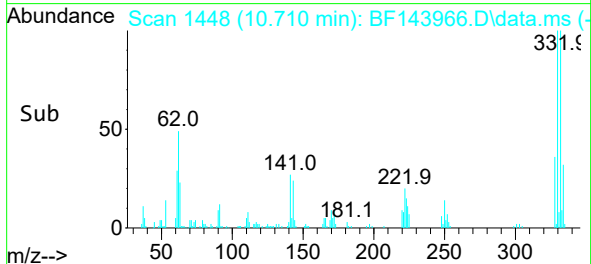
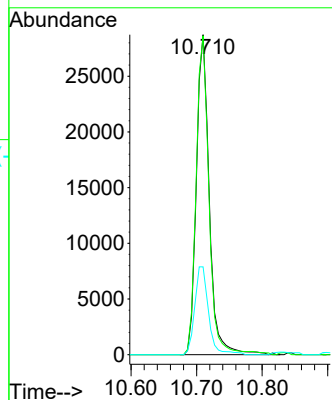
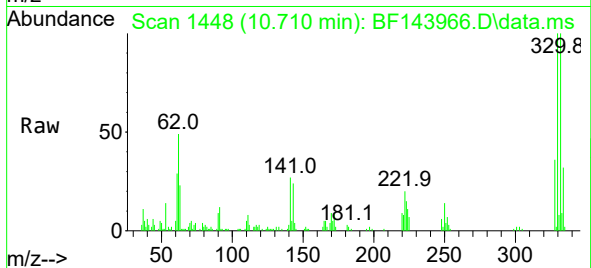
#42
2,4,6-Tribromophenol
Concen: 19.17 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-2

Tgt Ion: 330 Resp: 39338
Ion Ratio Lower Upper
330 100
332 99.4 76.9 115.3
141 29.3 20.2 30.4

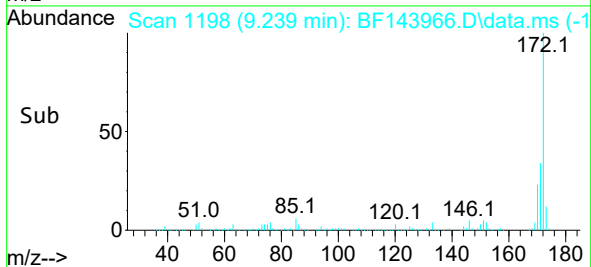
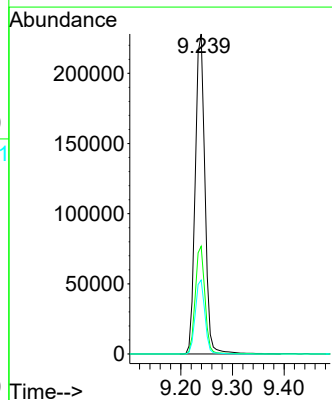
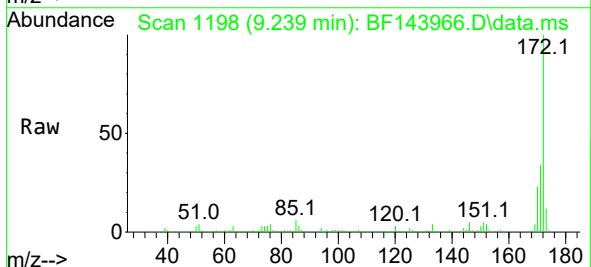
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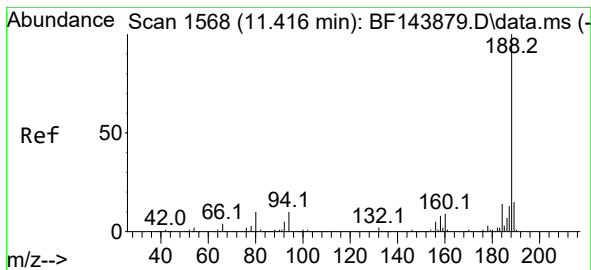
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#45
2-Fluorobiphenyl
Concen: 22.96 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

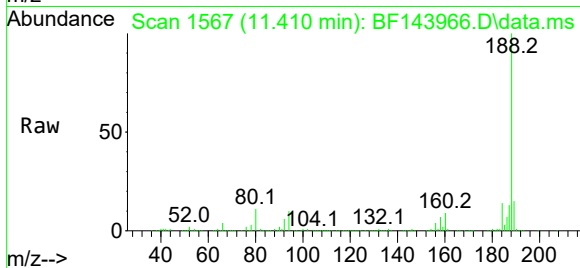
Tgt Ion: 172 Resp: 298139
Ion Ratio Lower Upper
172 100
171 33.6 27.4 41.0
170 23.1 18.6 28.0





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

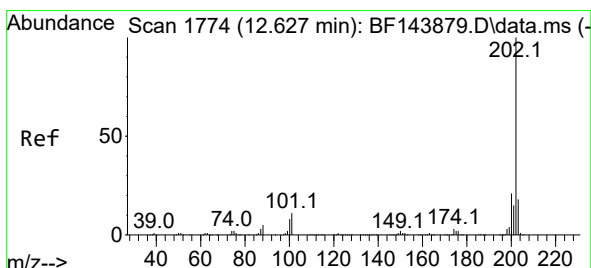
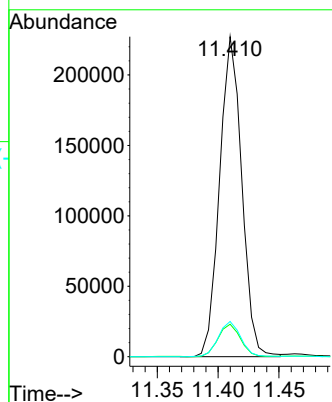
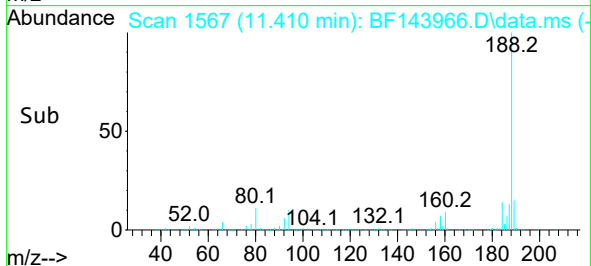
Instrument :
BNA_F
ClientSampleId :
LAYDOWN-YARD-2



Tgt Ion:188 Resp: 288040
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 11.0 7.9 11.9

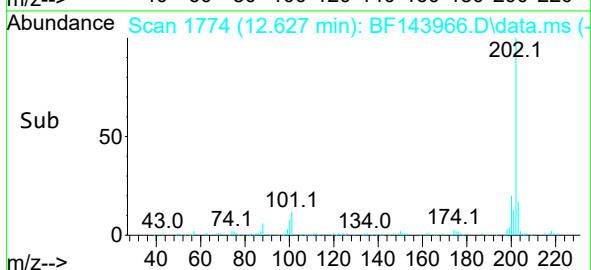
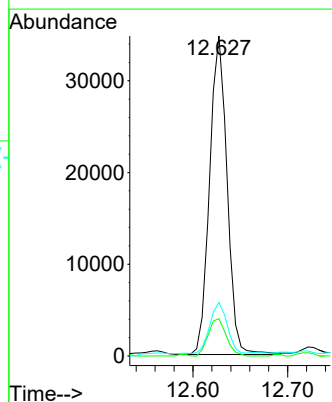
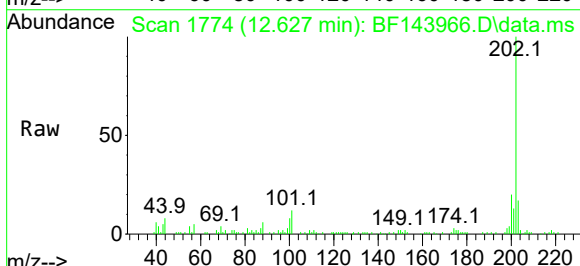
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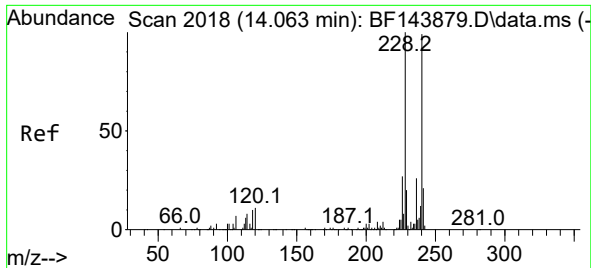
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#75
Fluoranthene
Concen: 3.08 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

Tgt Ion:202 Resp: 44474
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 16.7 0.0 37.8





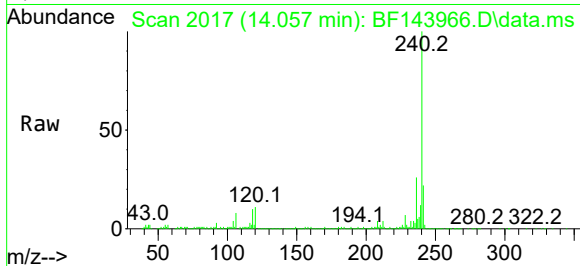
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-2



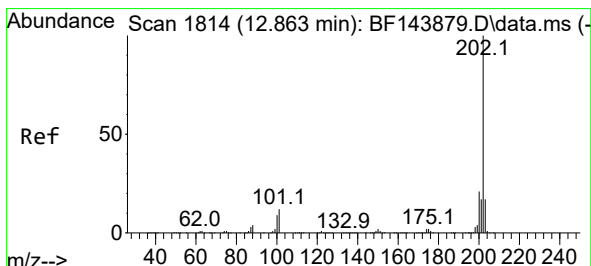
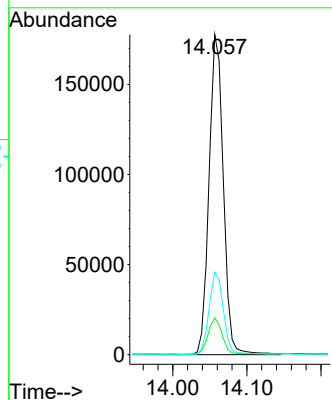
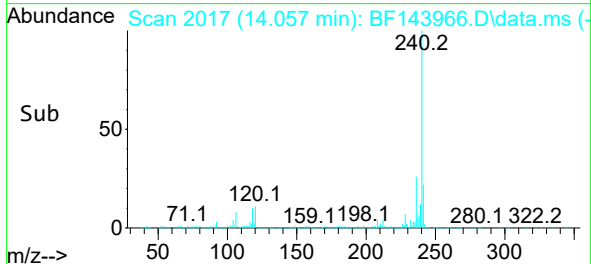
Tgt Ion:240 Resp: 238310
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.8 21.1 31.7

Manual Integrations

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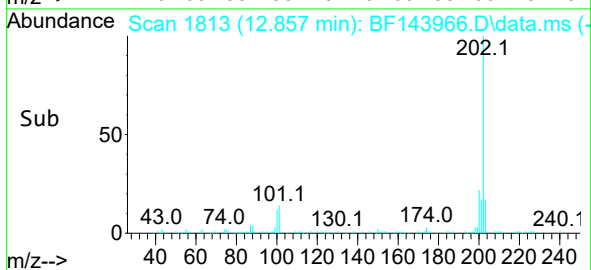
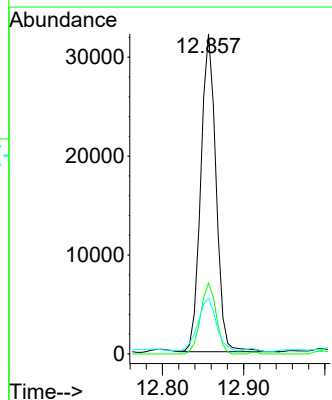
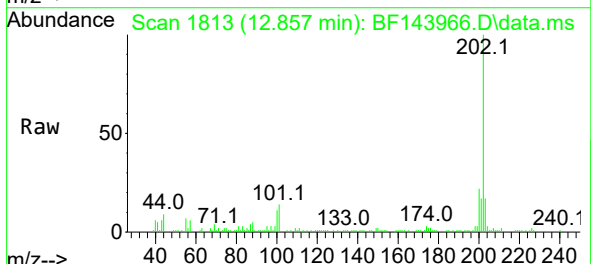
Reviewed By :Rahul Chavli 10/16/2025

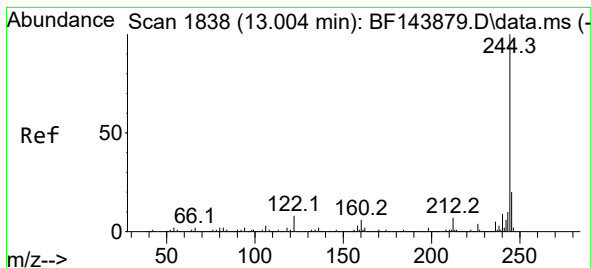
Supervised By :Jagrut Upadhyay 10/16/2025



#78
Pyrene
Concen: 2.11 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143966.D
Acq: 15 Oct 2025 21:51

Tgt Ion:202 Resp: 41826
Ion Ratio Lower Upper
202 100
200 22.1 17.0 25.6
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 14.05 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143966.D

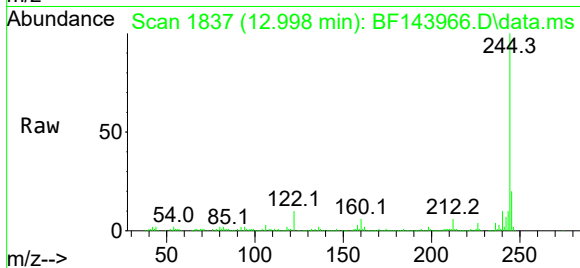
Acq: 15 Oct 2025 21:51

Instrument :

BNA_F

ClientSampleId :

LAYDOWN-YARD-2



Tgt Ion:244 Resp: 19593

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

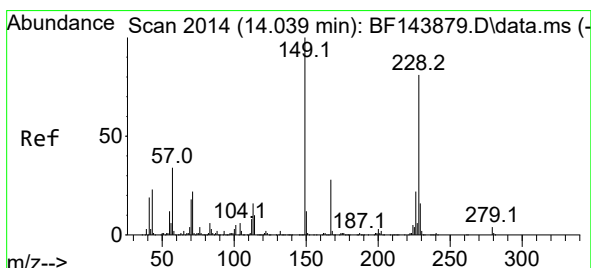
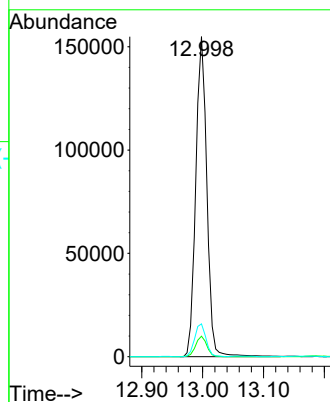
122 10.3 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.65 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143966.D

Acq: 15 Oct 2025 21:51

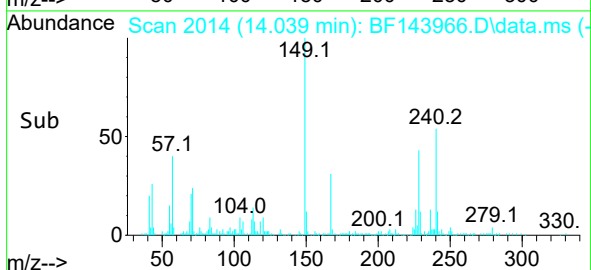
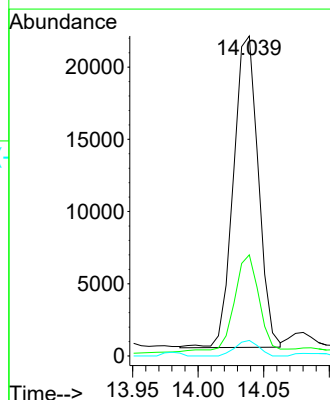
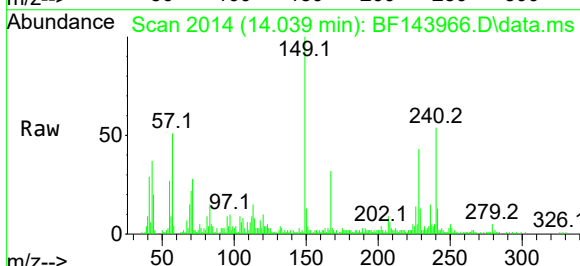
Tgt Ion:149 Resp: 28403

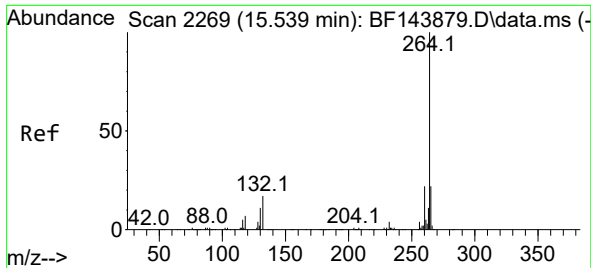
Ion Ratio Lower Upper

149 100

167 31.6 22.2 33.4

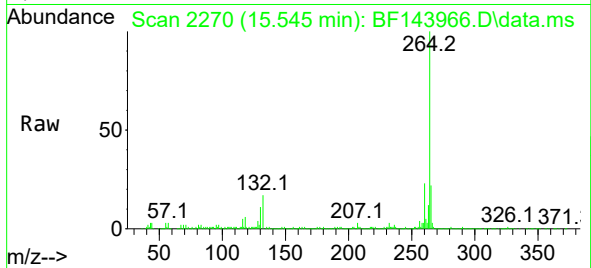
279 4.9 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF143966.D
 Acq: 15 Oct 2025 21:51

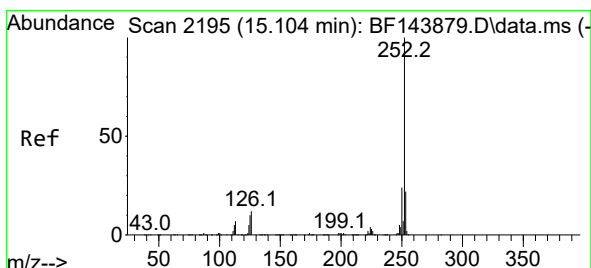
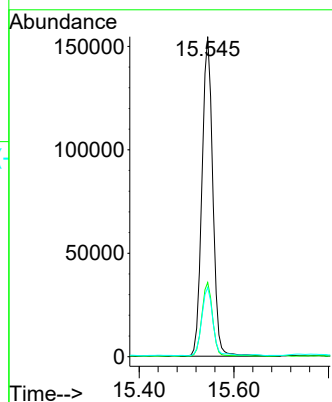
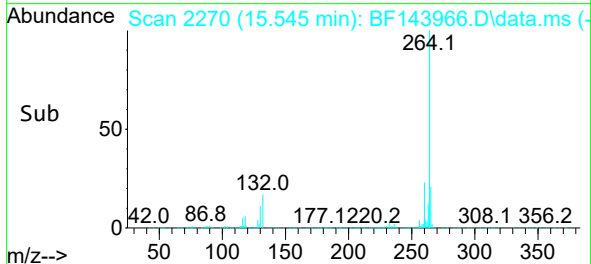
Instrument :
 BNA_F
 ClientSampleId :
 LAYDOWN-YARD-2



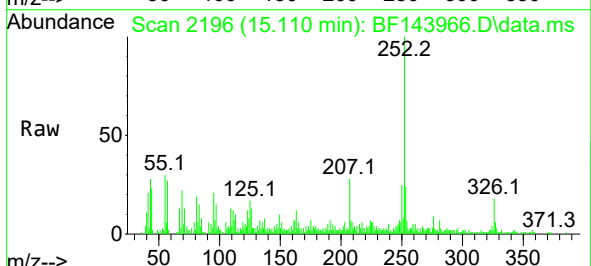
Tgt Ion:264 Resp: 24503
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.8 26.8
 265 21.6 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025



#88
 Benzo(b)fluoranthene
 Concen: 2.47 ng m
 RT: 15.110 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF143966.D
 Acq: 15 Oct 2025 21:51



Tgt Ion:252 Resp: 34795
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.4 26.2
 125 16.7 7.8 11.6#

