

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132906.D
 Acq On : 18 Apr 2023 17:58
 Operator : CG\JU
 Sample : 02371-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 18:47:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239342	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	952258	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	489778	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	891067	20.000	ng	0.00
76) Chrysene-d12	13.916	240	668272	20.000	ng	-0.01
86) Perylene-d12	15.345	264	615880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1148077	75.006	ng	0.00
7) Phenol-d6	6.387	99	1479577	75.753	ng	-0.01
23) Nitrobenzene-d5	7.322	82	889113	48.668	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	378091	76.965	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1608814	50.462	ng	-0.01
79) Terphenyl-d14	12.869	244	1958243	49.993	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.304	178	117332	2.448	ng	98
75) Fluoranthene	12.486	202	198073	4.156	ng	99
78) Pyrene	12.716	202	187185	3.426	ng	98
88) Benzo(b)fluoranthene	14.933	252	88190m	2.299	ng	

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

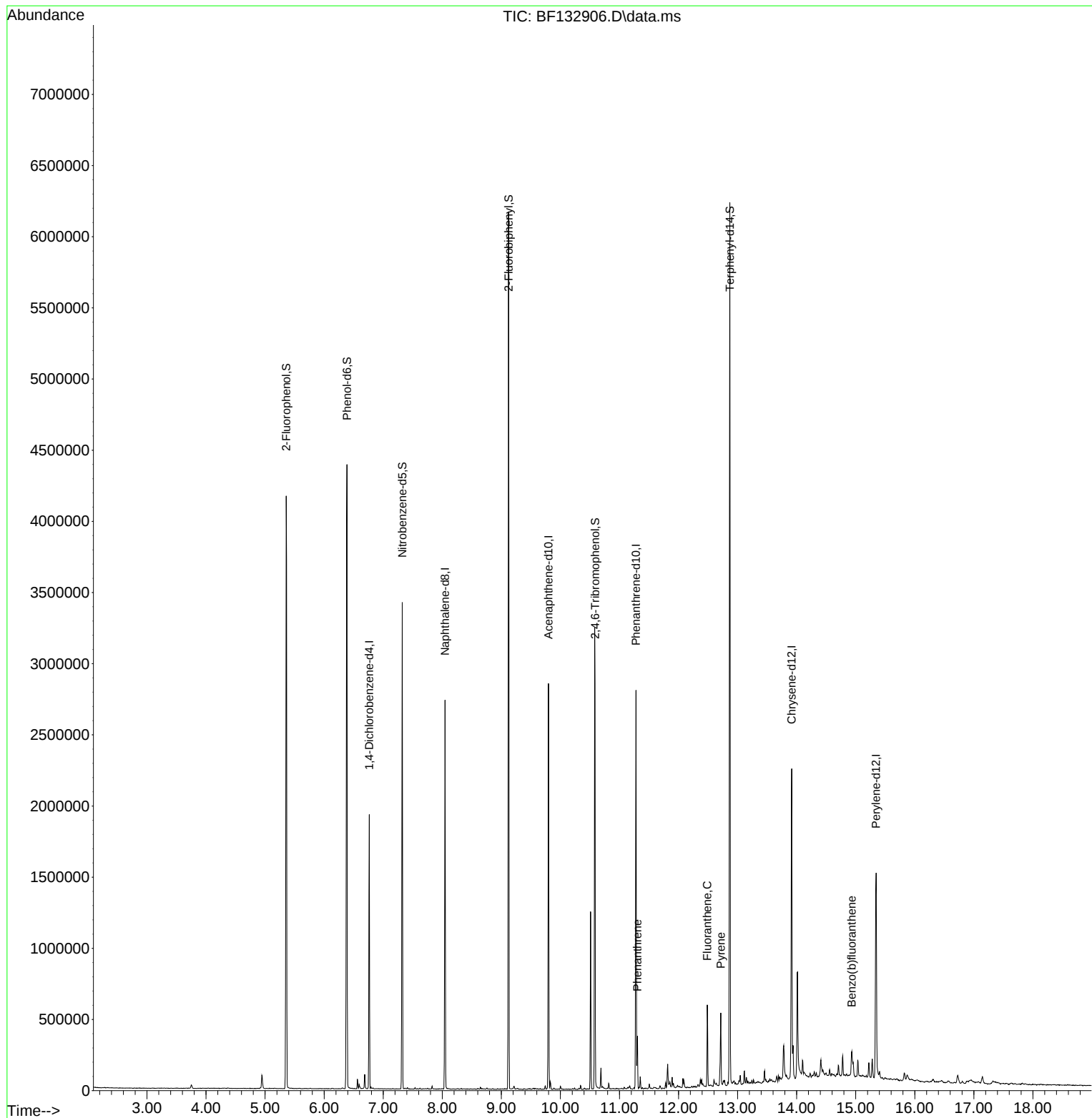
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132906.D
Acq On : 18 Apr 2023 17:58
Operator : CG\JU
Sample : 02371-08
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ALS Vial : 13 Sample Multiplier: 1

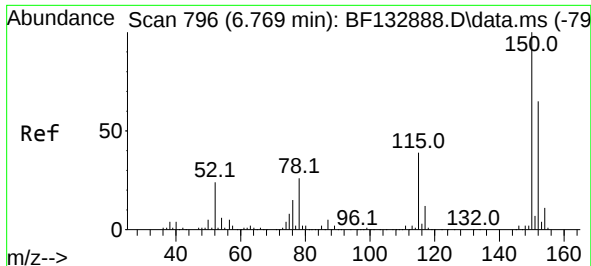
Instrument :
BNA_F
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Quant Time: Apr 18 18:47:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
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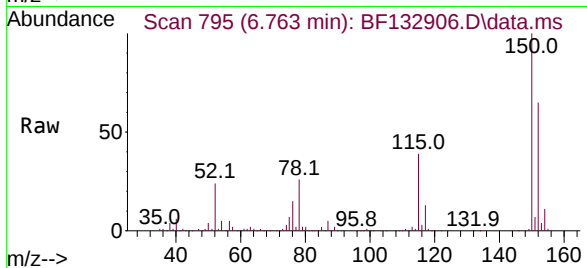
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

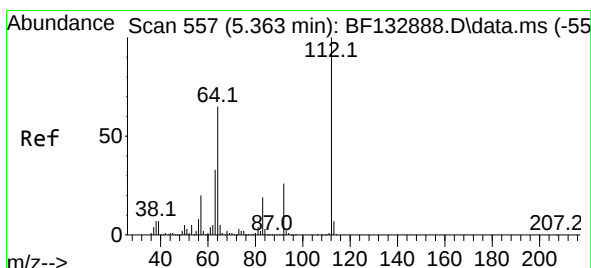
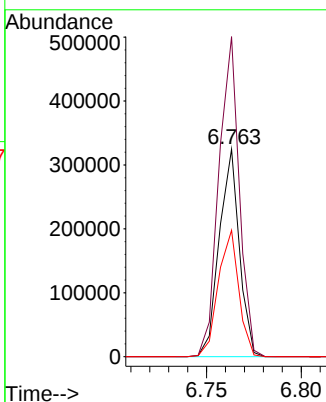
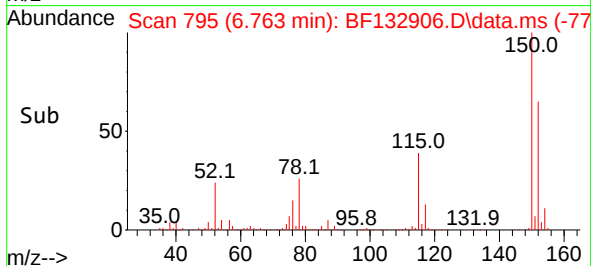
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP



Tgt Ion:152 Resp: 23934
Ion Ratio Lower Upper
152 100
150 154.1 122.8 184.2
115 60.9 47.3 70.9

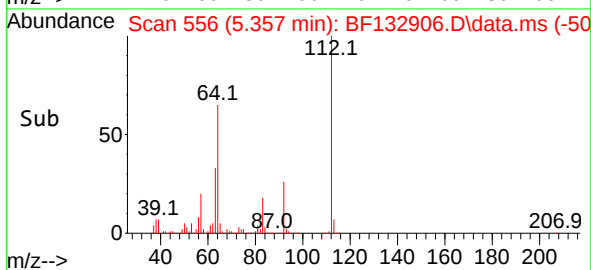
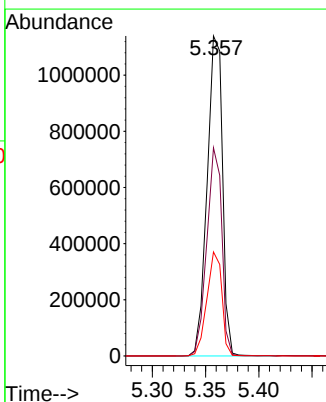
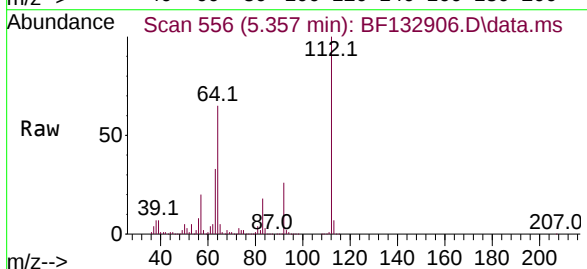
Manual Integrations
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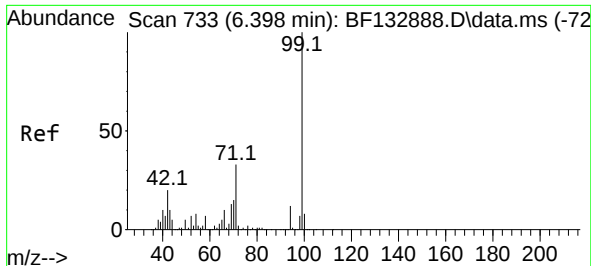
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#5
2-Fluorophenol
Concen: 75.006 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

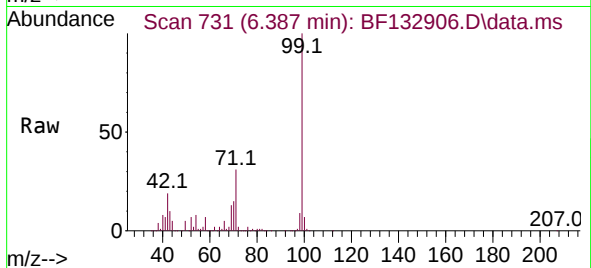
Tgt Ion:112 Resp: 1148077
Ion Ratio Lower Upper
112 100
64 65.1 51.8 77.8
63 32.5 26.3 39.5





#7
Phenol-d6
Concen: 75.753 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

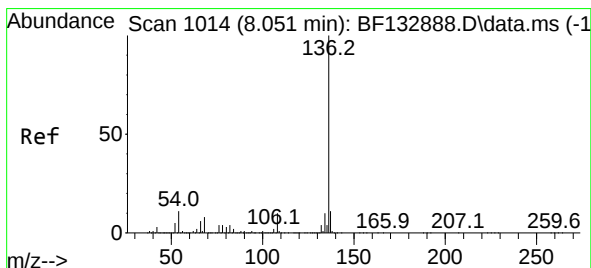
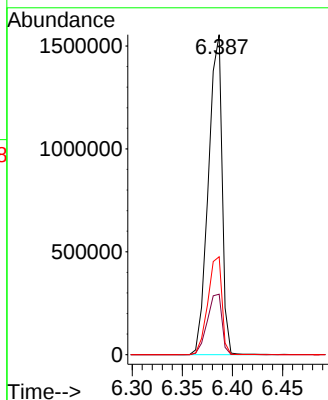
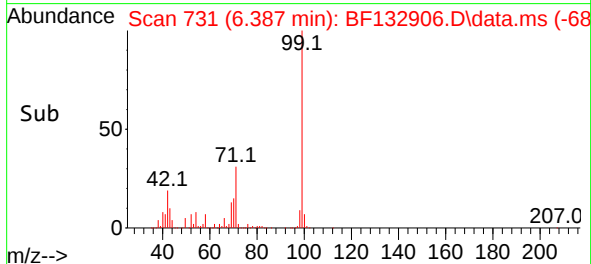
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP



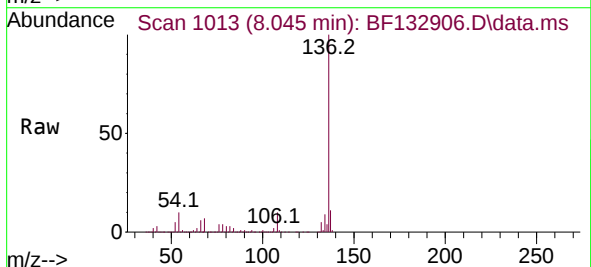
Tgt Ion: 99 Resp: 147957
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 30.6 26.1 39.1

Manual Integrations
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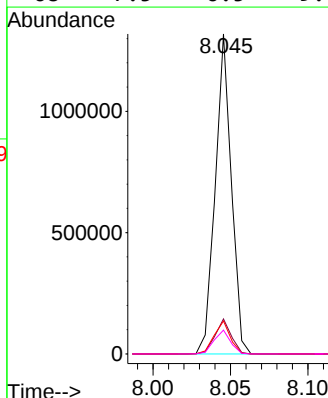
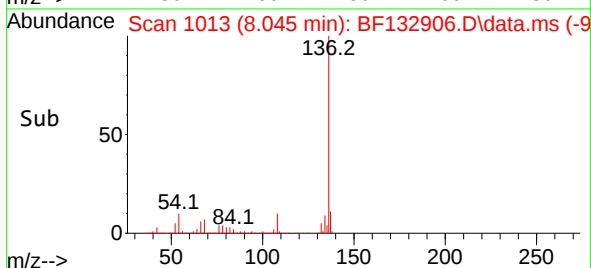
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

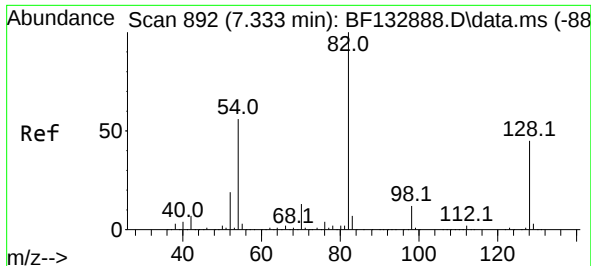


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58



Tgt Ion:136 Resp: 952258
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.3 8.9 13.3
68 7.5 6.5 9.7





#23

Nitrobenzene-d5

Concen: 48.668 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

Tgt Ion: 82 Resp: 88911

Ion Ratio Lower Upper

82 100

128 44.3 35.7 53.5

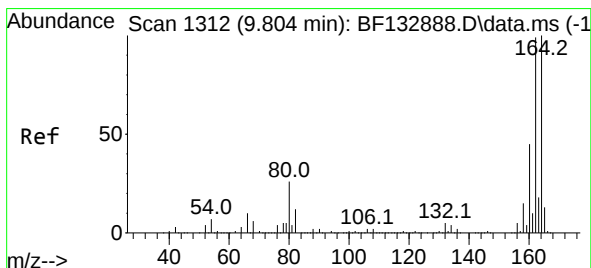
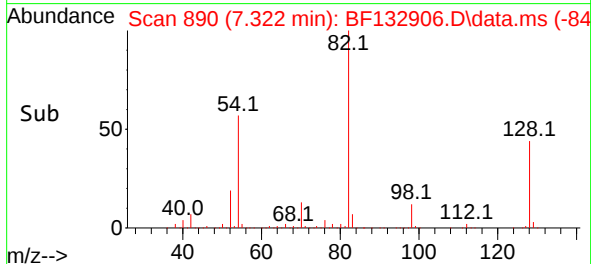
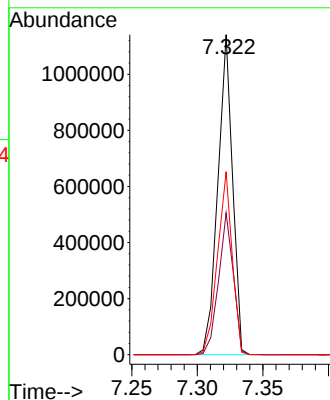
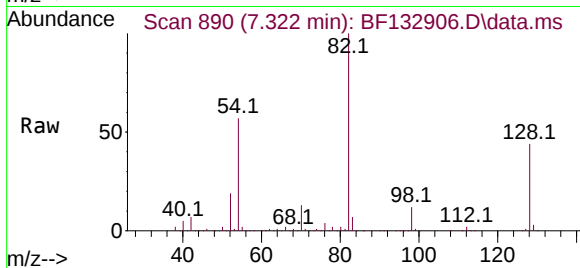
54 57.2 44.7 67.1

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

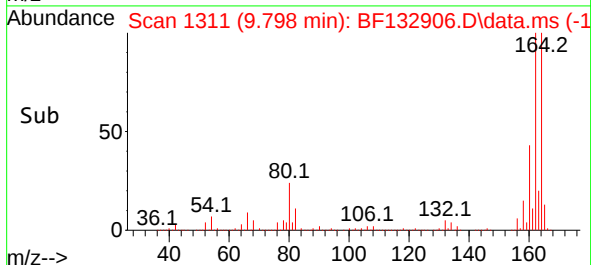
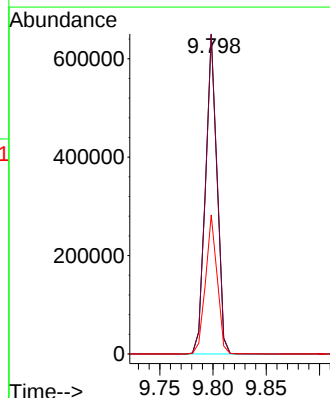
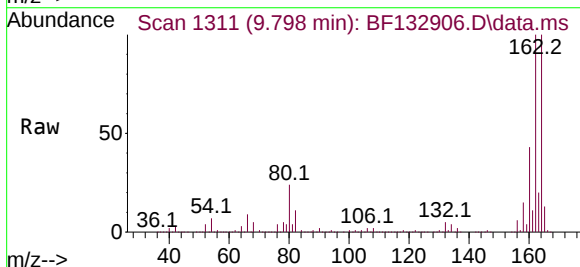
Tgt Ion:164 Resp: 489778

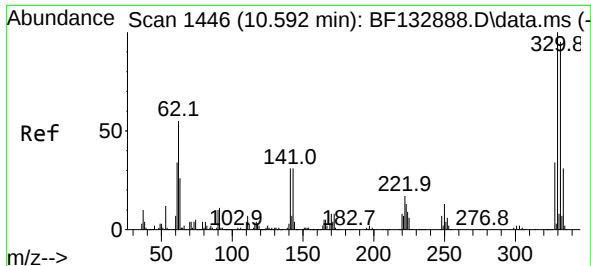
Ion Ratio Lower Upper

164 100

162 100.2 79.1 118.7

160 43.5 35.6 53.4





#42
2,4,6-Tribromophenol
Concen: 76.965 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

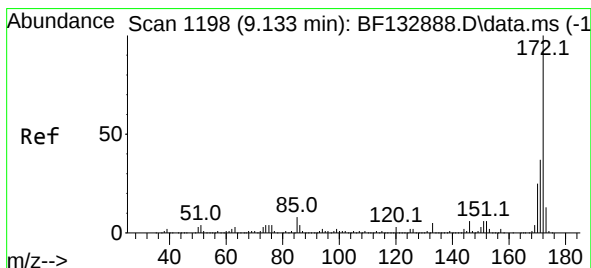
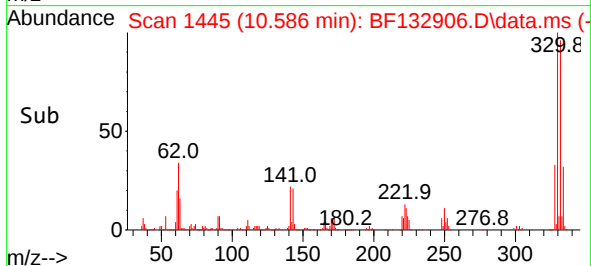
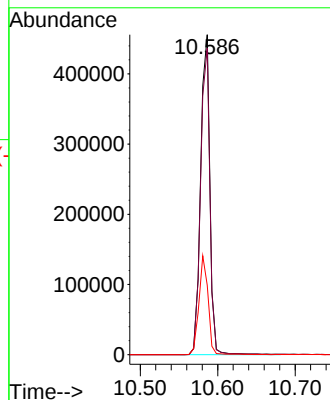
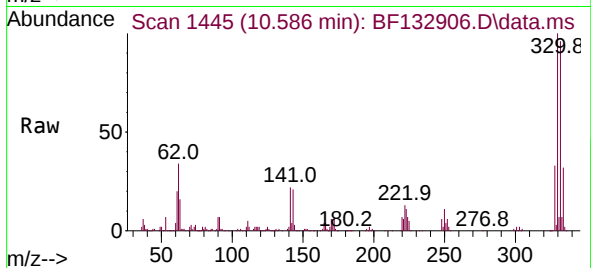
SB-21-COMP

Tgt Ion:330 Resp: 37809
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 30.7 23.9 35.9

Manual Integrations

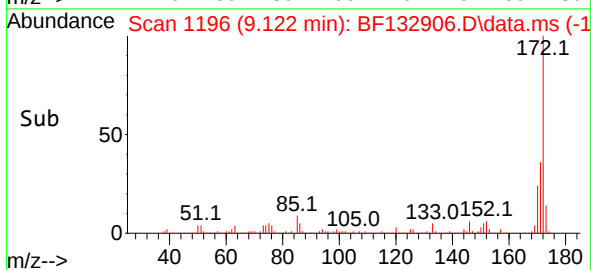
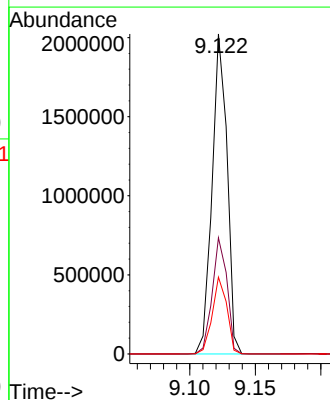
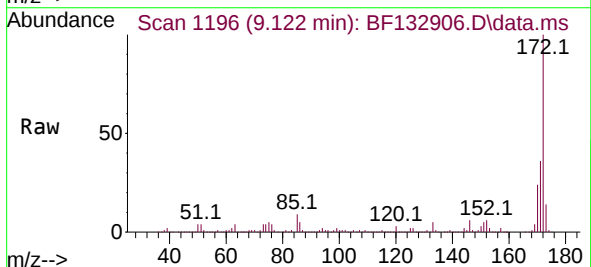
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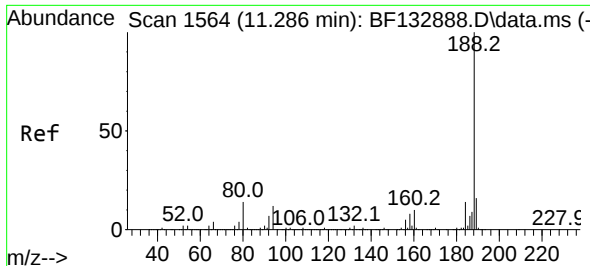
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#45
2-Fluorobiphenyl
Concen: 50.462 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.011 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:172 Resp: 1608814
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.0 20.1 30.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. -0.005 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

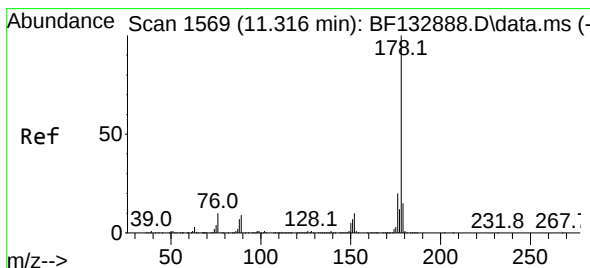
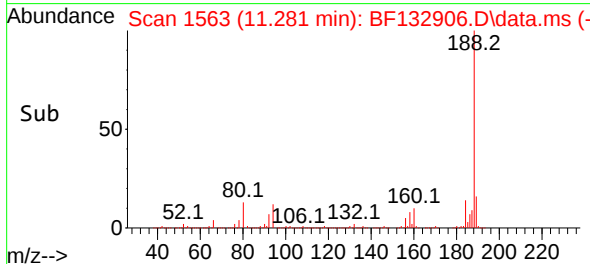
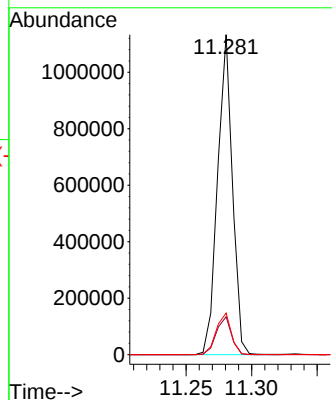
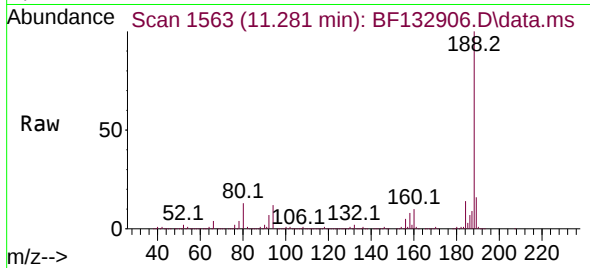
ClientSampleId :

SB-21-COMP

Tgt Ion:188 Resp: 89106
Ion Ratio Lower Upper
188 100
94 11.9 9.9 14.9
80 13.0 10.8 16.2

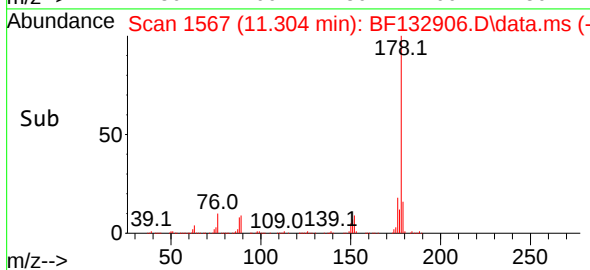
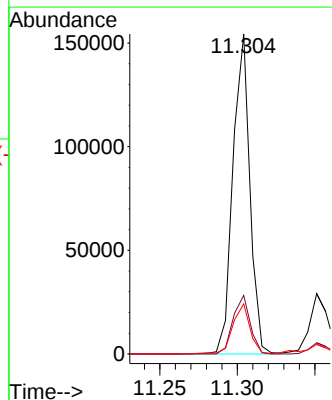
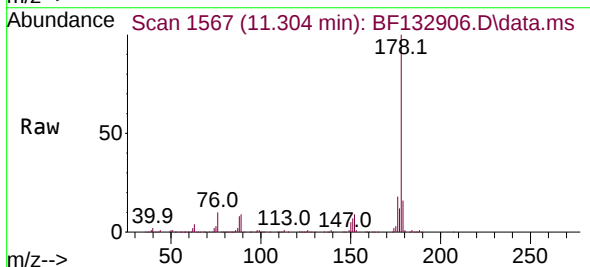
Manual Integrations
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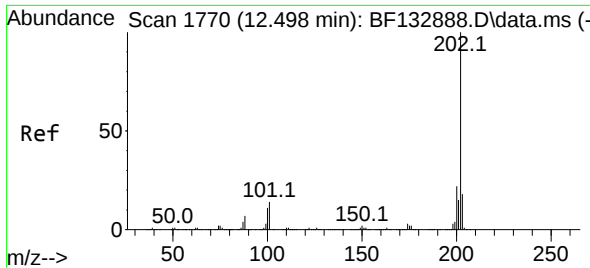
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#71
Phenanthrene
Concen: 2.448 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.011 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

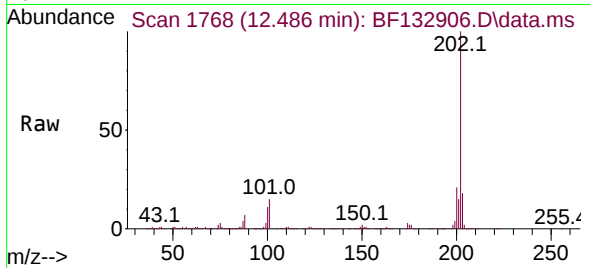
Tgt Ion:178 Resp: 117332
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.7 12.3 18.5





#75
Fluoranthene
Concen: 4.156 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

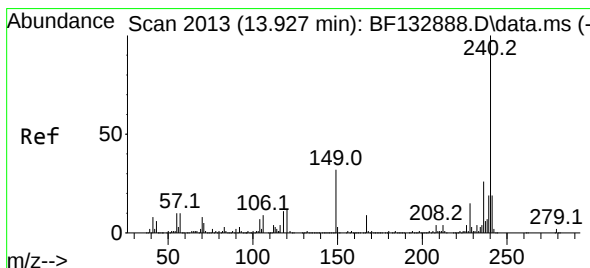
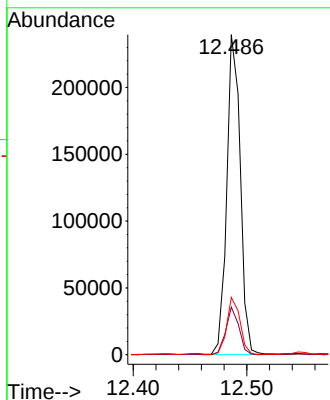
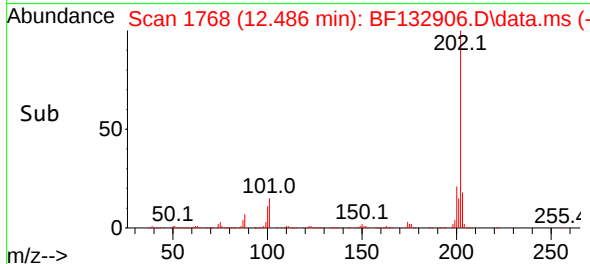
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP



Tgt Ion:202 Resp: 19807
Ion Ratio Lower Upper
202 100
101 14.9 0.0 34.5
203 17.9 0.0 38.2

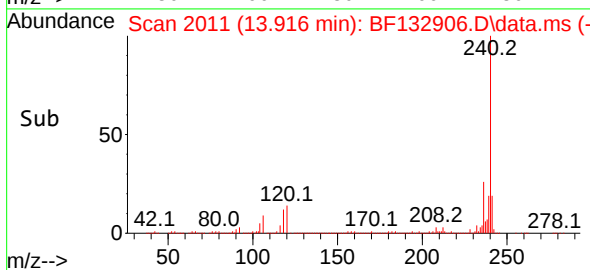
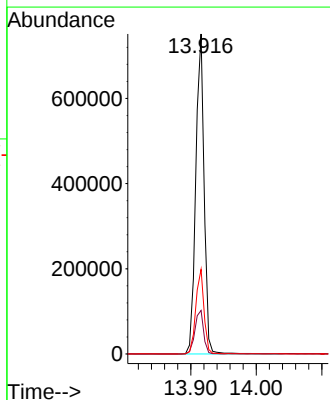
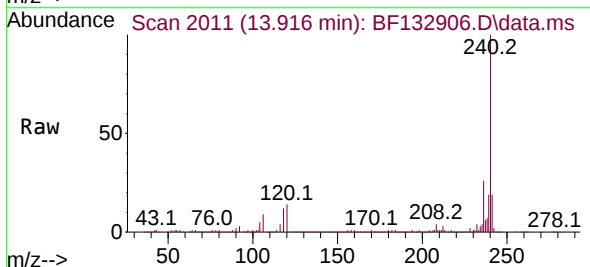
Manual Integrations
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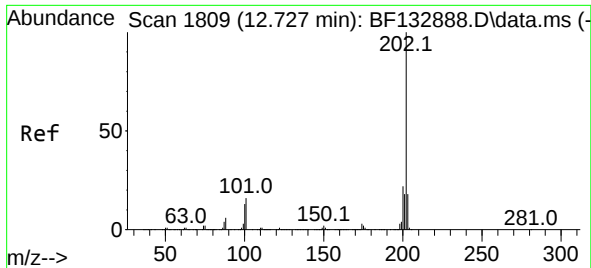
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

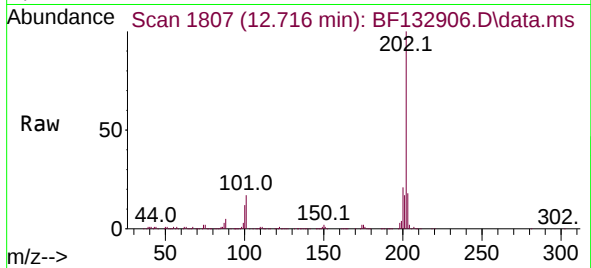
Tgt Ion:240 Resp: 668272
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 26.5 20.8 31.2





#78
Pyrene
Concen: 3.426 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

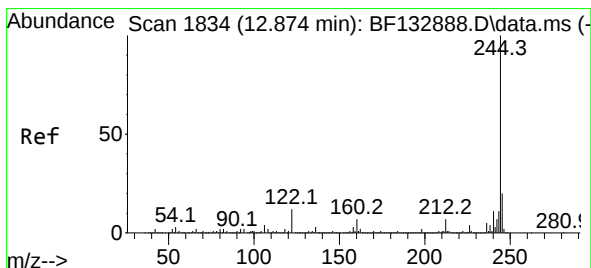
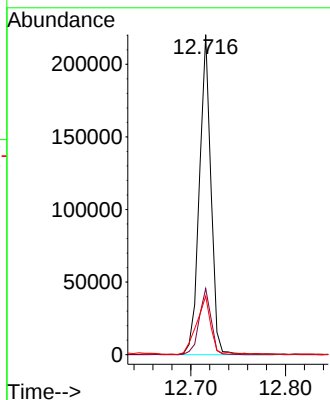
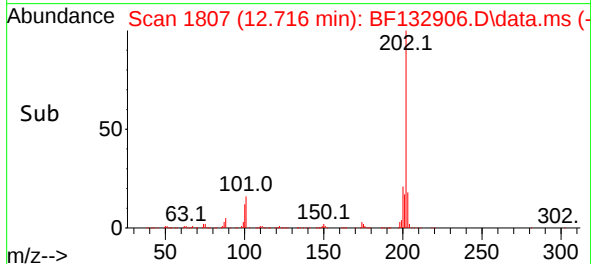
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP



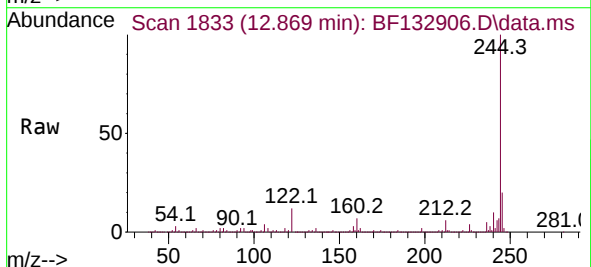
Tgt Ion:202 Resp: 187185
Ion Ratio Lower Upper
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203 18.3 14.6 22.0

Manual Integrations
APPROVED

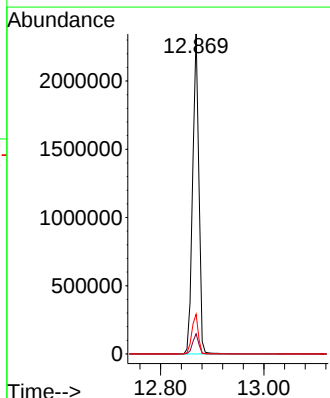
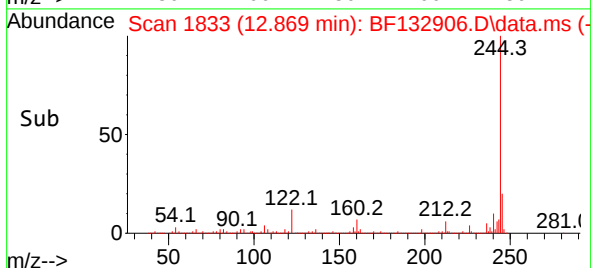
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

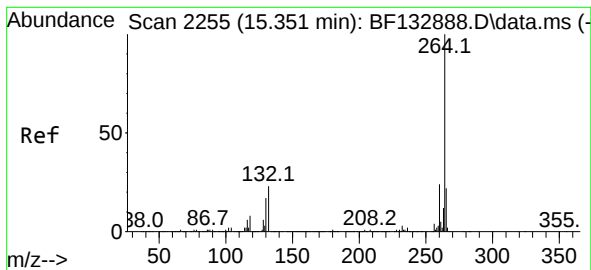


#79
Terphenyl-d14
Concen: 49.993 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58



Tgt Ion:244 Resp: 1958243
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 12.4 9.6 14.4





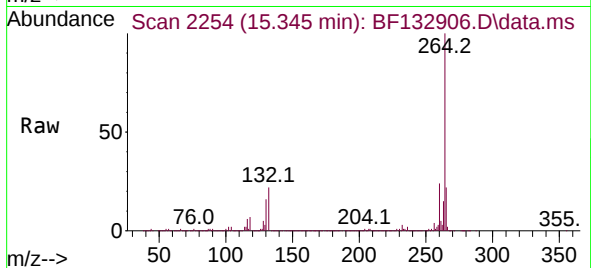
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

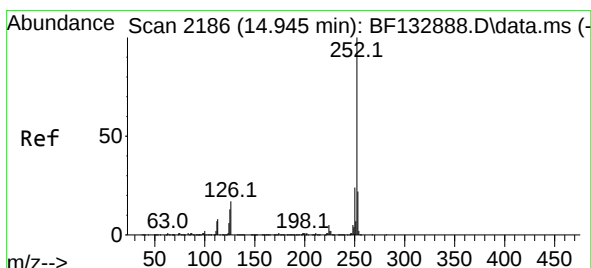
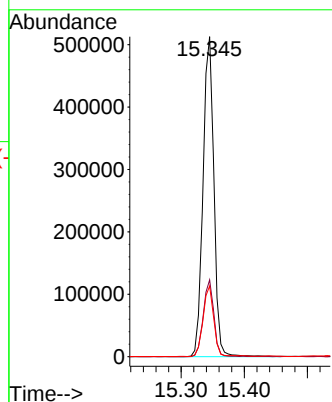
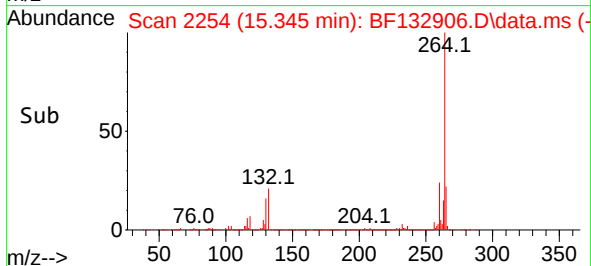


Tgt Ion:264 Resp: 615880
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#88
Benzo(b)fluoranthene
Concen: 2.299 ng m
RT: 14.933 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:252 Resp: 88190
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 13.5 10.0 15.0

