

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135323.D
 Acq On : 18 Sep 2023 23:56
 Operator : CG\JU
 Sample : 04446-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091423

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 19 00:42:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	105470	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	365248	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	149469	20.000	ng	-0.01
64) Phenanthrene-d10	11.280	188	241049	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	208071	20.000	ng	0.00
86) Perylene-d12	15.404	264	178432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	94754	14.612	ng	0.00
7) Phenol-d6	6.392	99	109583	13.290	ng	-0.01
23) Nitrobenzene-d5	7.316	82	66811	9.938	ng	-0.02
42) 2,4,6-Tribromophenol	10.580	330	16817	11.322	ng	-0.02
45) 2-Fluorobiphenyl	9.110	172	117655	11.876	ng	-0.02
79) Terphenyl-d14	12.874	244	100613	7.496	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	11.304	178	29791	2.613	ng	98
75) Fluoranthene	12.504	202	40514	3.410	ng	98
78) Pyrene	12.733	202	45819	2.313	ng	100
88) Benzo(b)fluoranthene	14.980	252	19689m	2.038	ng	

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

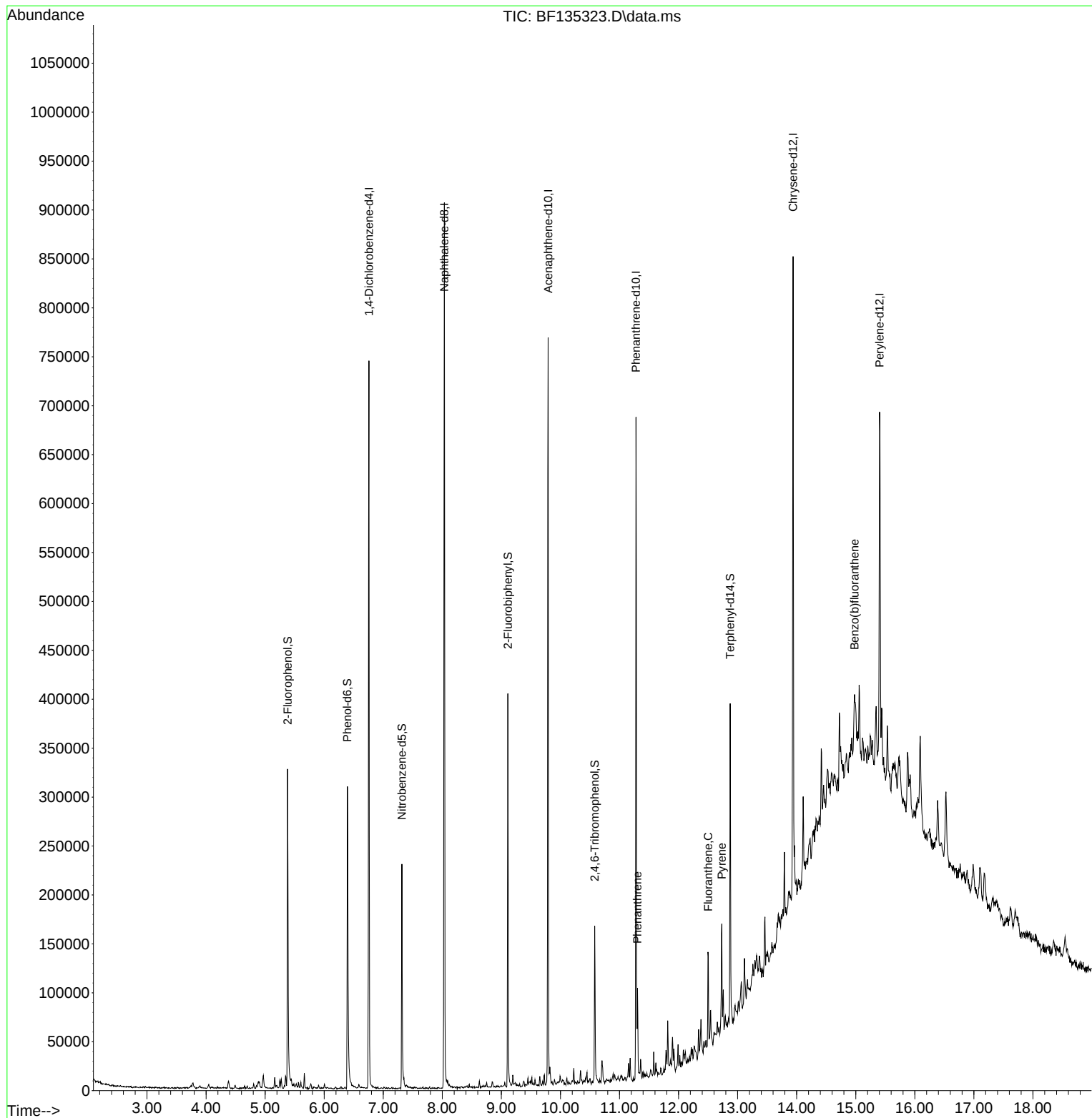
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135323.D
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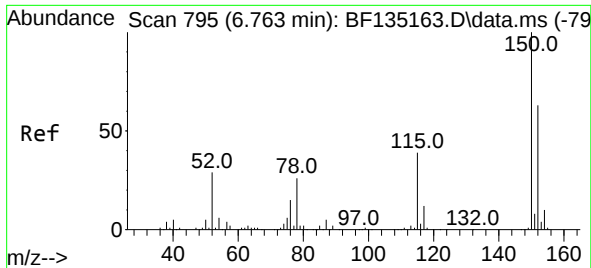
Instrument :
BNA_F
ClientSampleId :
EO-01-091423

Quant Time: Sep 19 00:42:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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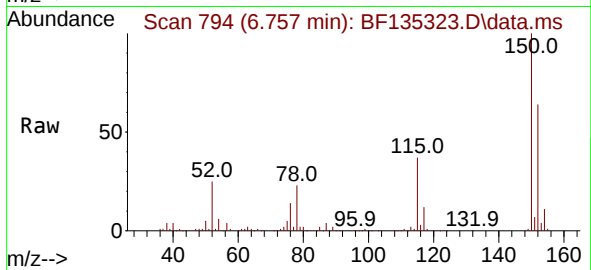
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

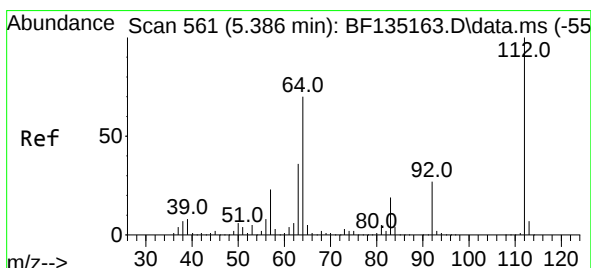
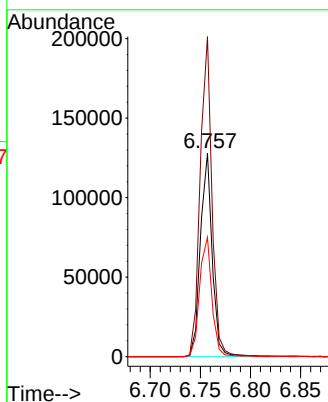
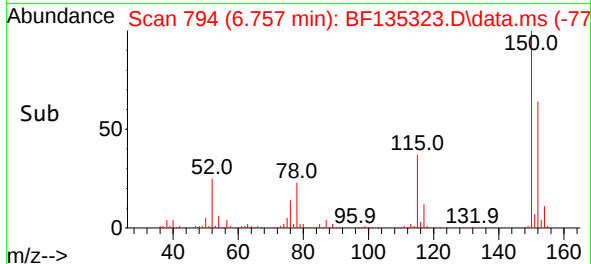
Instrument :
BNA_F
ClientSampleId :
EO-01-091423



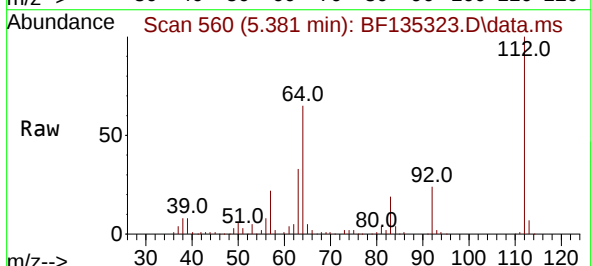
Tgt Ion:152 Resp: 105470
Ion Ratio Lower Upper
152 100
150 157.2 127.8 191.6
115 58.6 49.8 74.8

Manual Integrations
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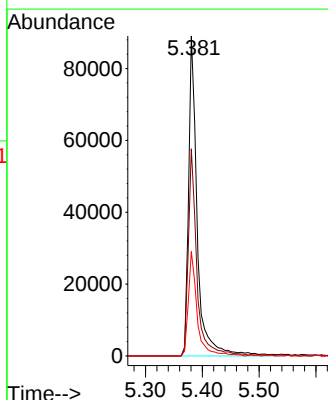
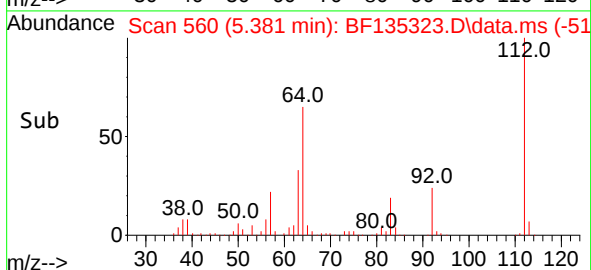
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

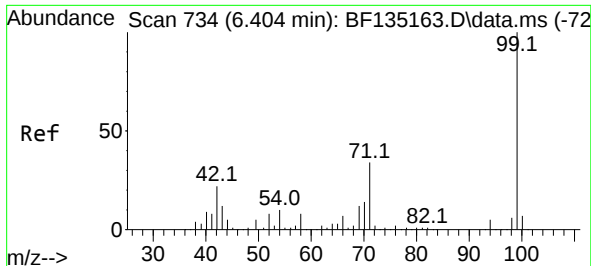


#5
2-Fluorophenol
Concen: 14.612 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56



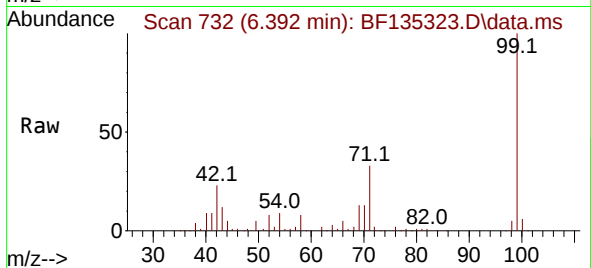
Tgt Ion:112 Resp: 94754
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 32.7 29.0 43.6





#7
Phenol-d6
Concen: 13.290 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

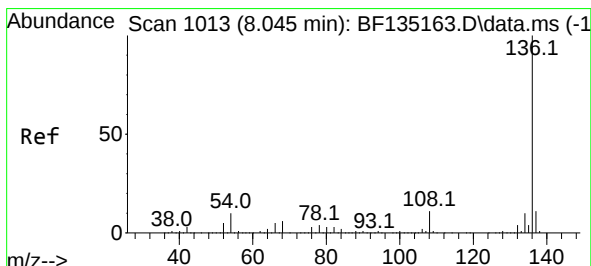
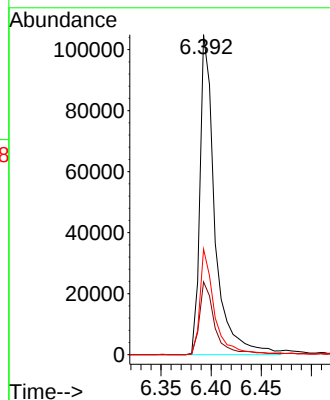
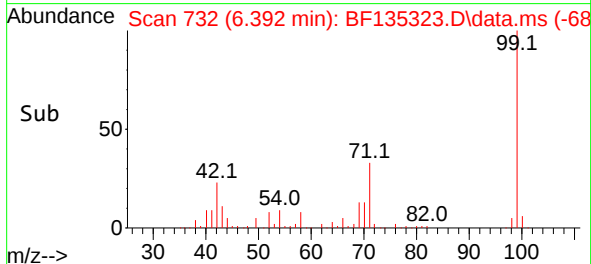
Instrument :
BNA_F
ClientSampleId :
EO-01-091423



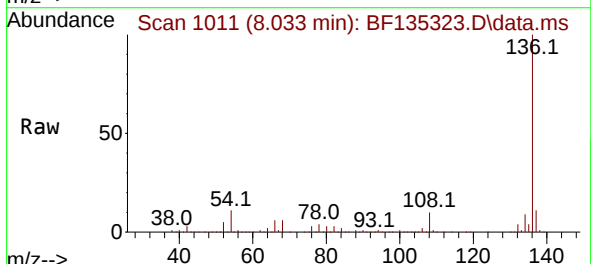
Tgt Ion: 99 Resp: 10958
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 33.0 27.0 40.6

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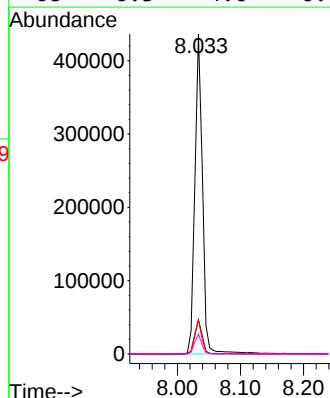
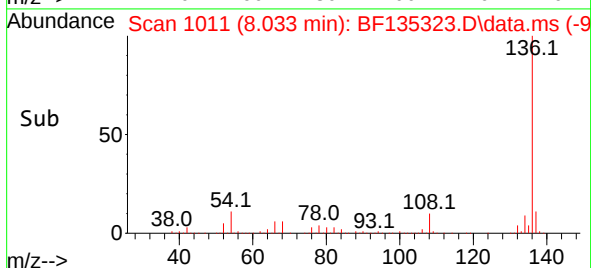
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

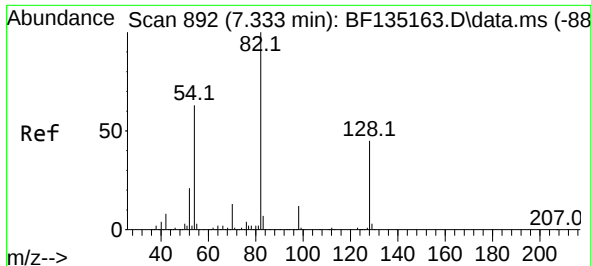


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56



Tgt Ion:136 Resp: 365248
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 9.938 ng

RT: 7.316 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

ClientSampleId :

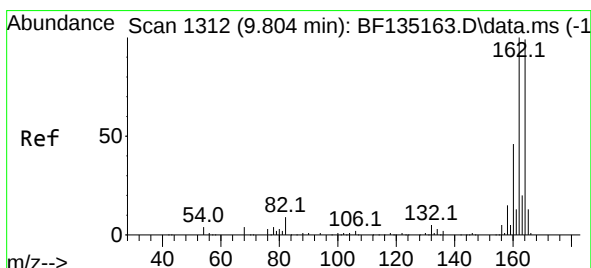
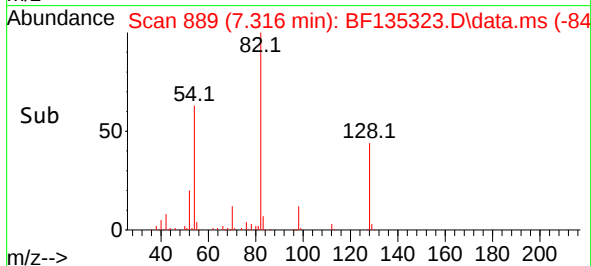
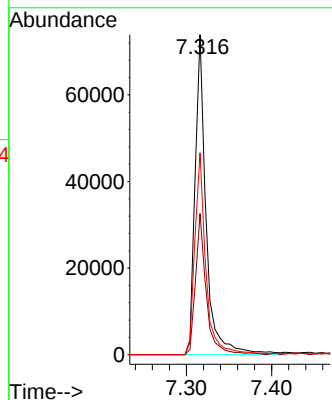
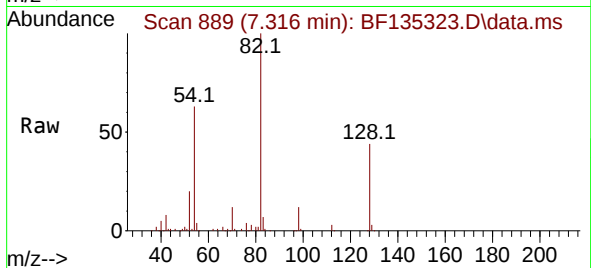
EO-01-091423

Tgt Ion: 82 Resp: 6681

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.6
54	63.1	50.6	76.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

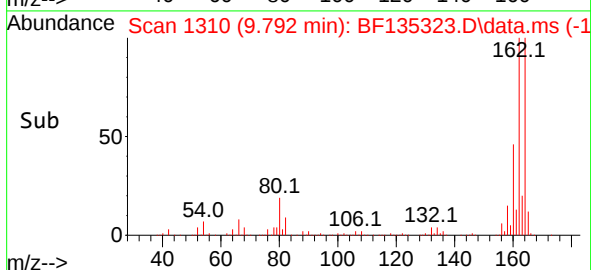
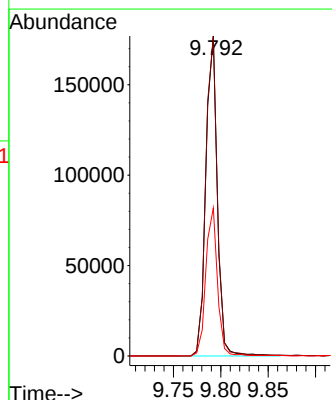
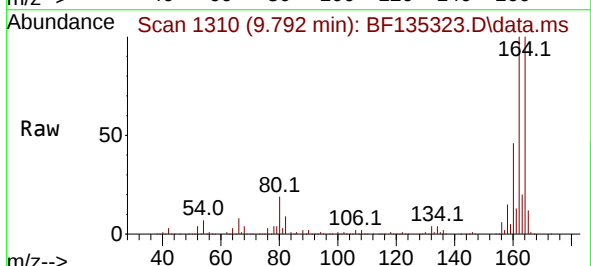
Delta R.T. -0.012 min

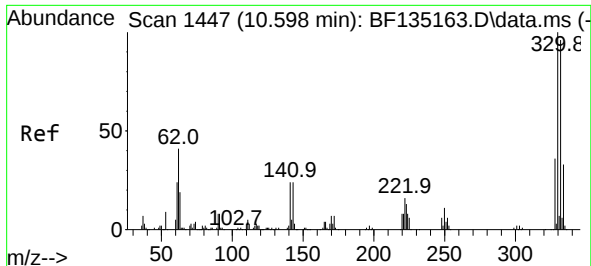
Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Tgt Ion:164 Resp: 149469

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.4
160	46.3	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 11.322 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

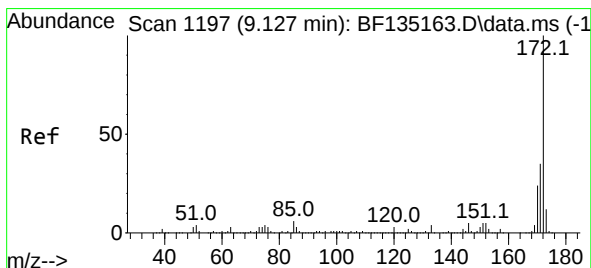
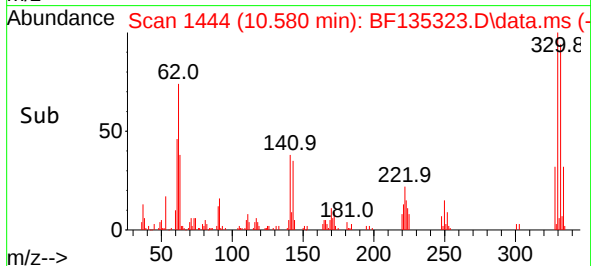
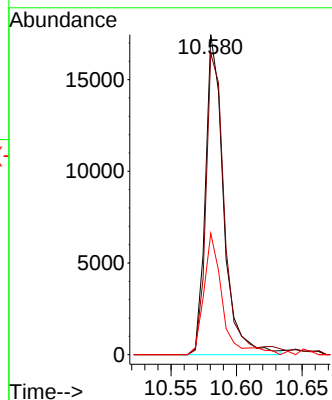
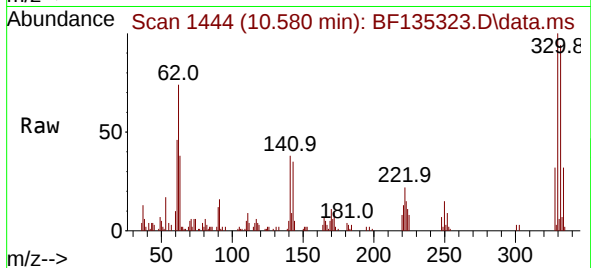
ClientSampleId :

EO-01-091423

Tgt Ion:330 Resp: 1681
Ion Ratio Lower Upper
330 100
332 99.7 77.3 115.9
141 38.5 25.8 38.8

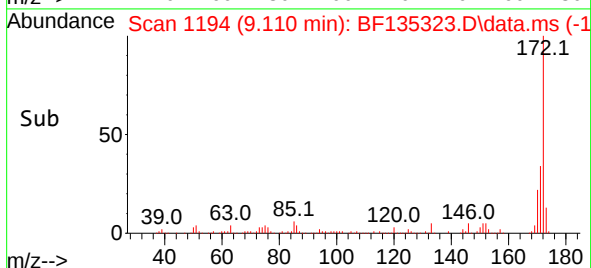
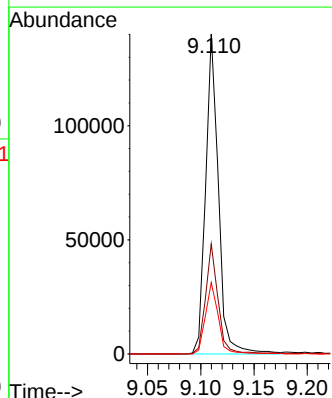
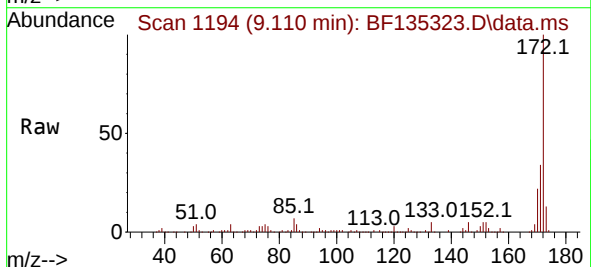
Manual Integrations
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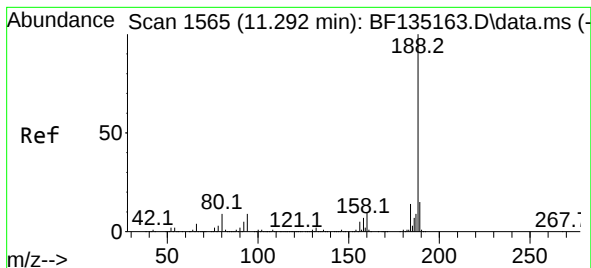
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#45
2-Fluorobiphenyl
Concen: 11.876 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.018 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:172 Resp: 117655
Ion Ratio Lower Upper
172 100
171 34.4 28.4 42.6
170 22.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.012 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

ClientSampleId :

EO-01-091423

Tgt Ion:188 Resp: 241049

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

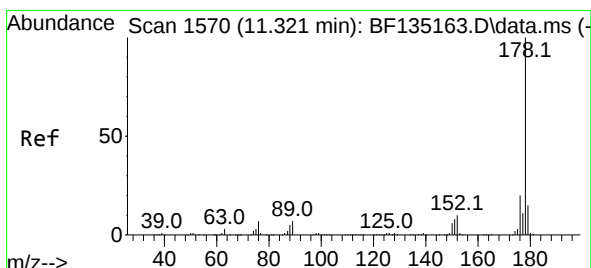
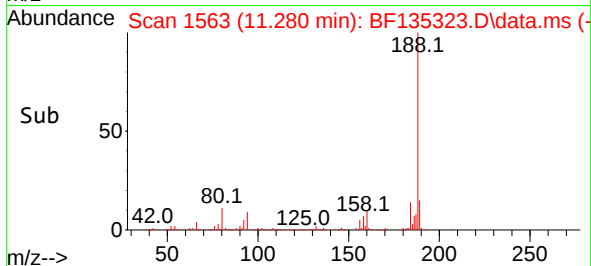
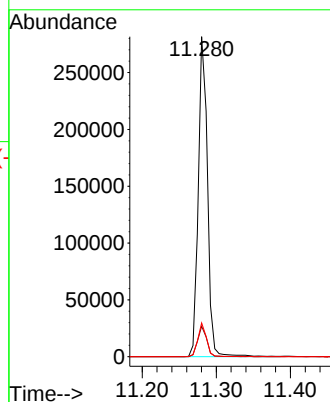
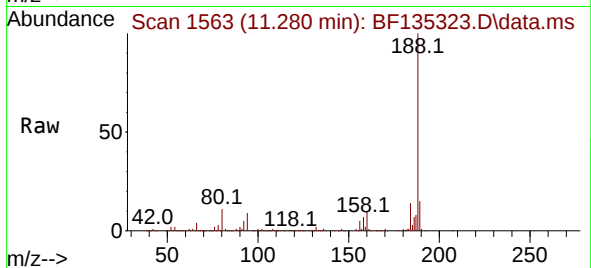
80 10.5 7.5 11.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#71

Phenanthrene

Concen: 2.613 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.018 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

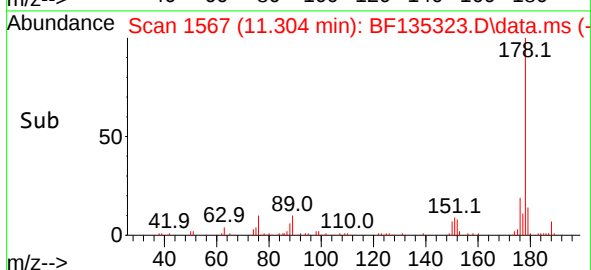
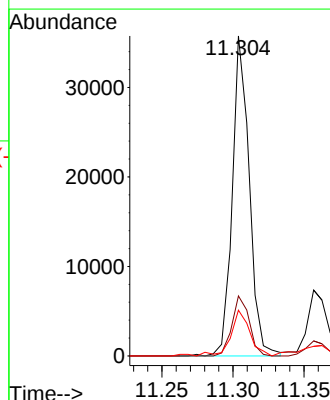
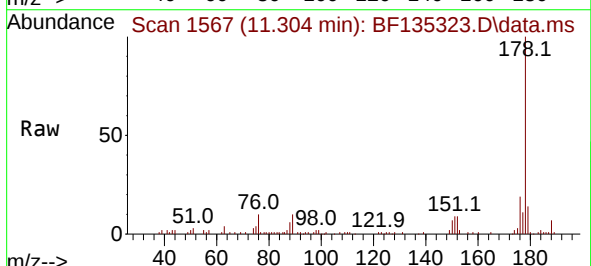
Tgt Ion:178 Resp: 29791

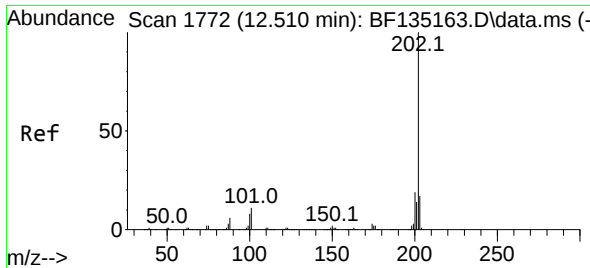
Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

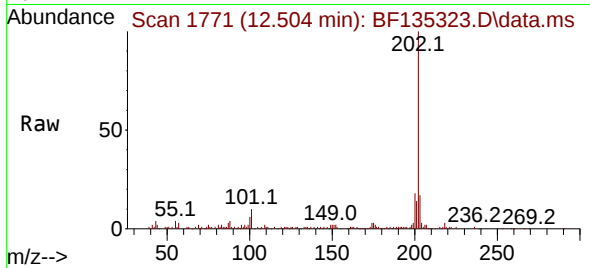
179 14.3 12.0 18.0





#75
Fluoranthene
Concen: 3.410 ng
RT: 12.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

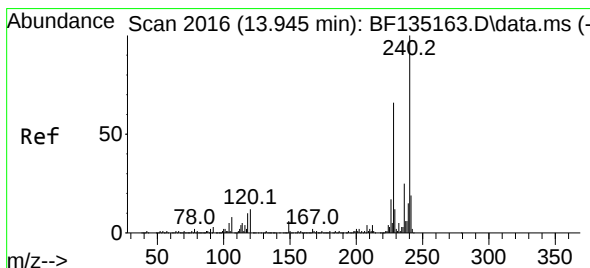
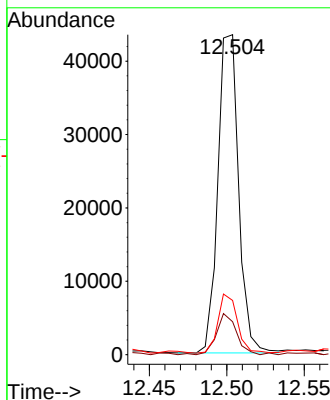
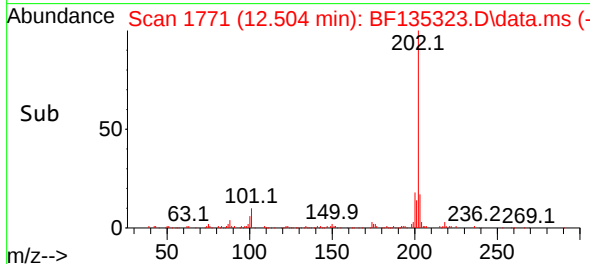
Instrument :
BNA_F
ClientSampleId :
EO-01-091423



Tgt Ion:202 Resp: 40514
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.3
203 16.9 0.0 37.4

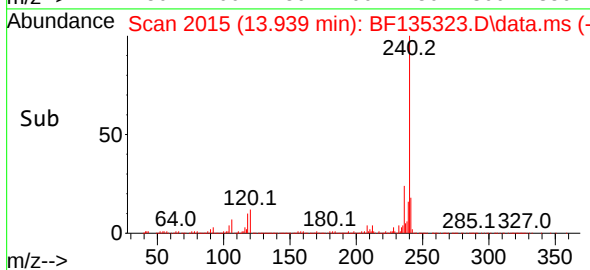
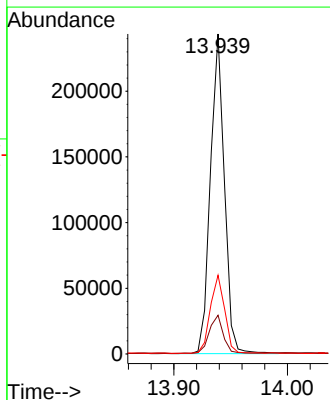
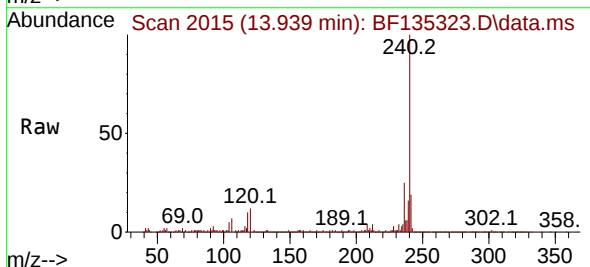
Manual Integrations
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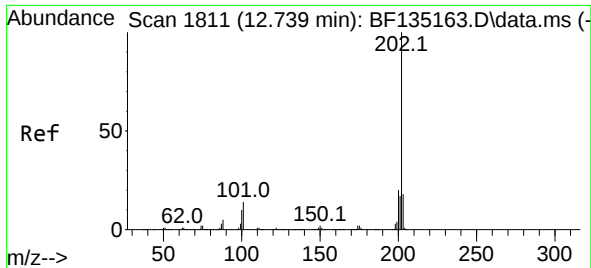
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

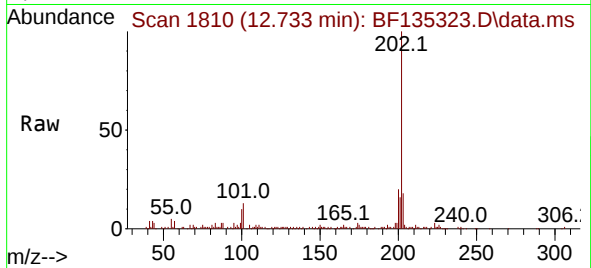
Tgt Ion:240 Resp: 208071
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 24.6 19.8 29.8





#78
Pyrene
Concen: 2.313 ng
RT: 12.733 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

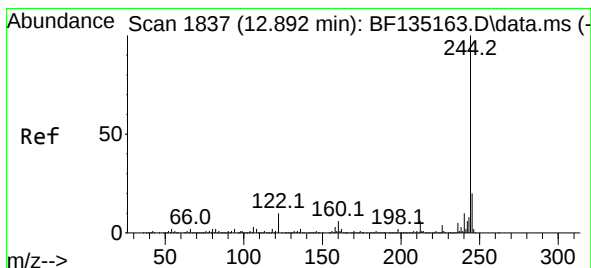
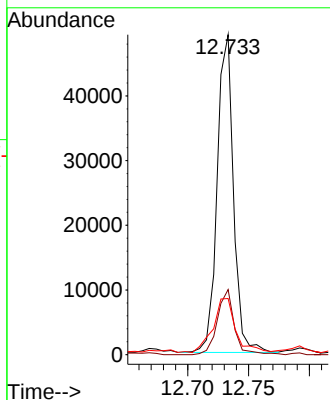
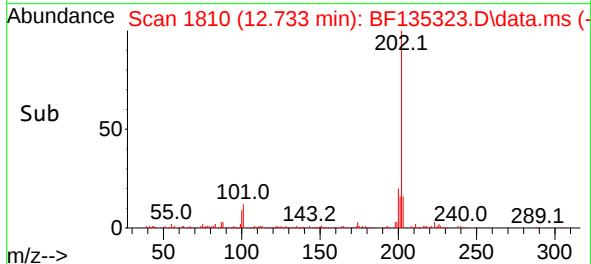
Instrument :
BNA_F
ClientSampleId :
EO-01-091423



Tgt Ion:202 Resp: 45819
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.6 14.2 21.4

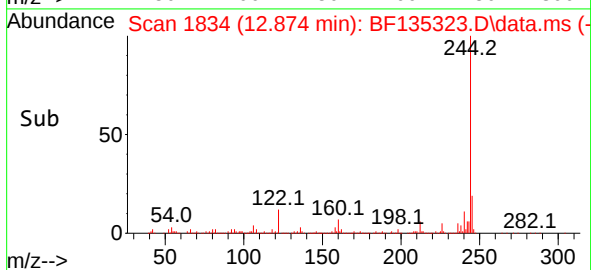
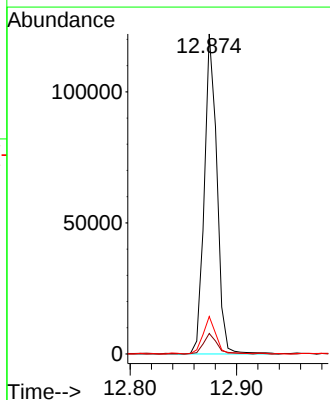
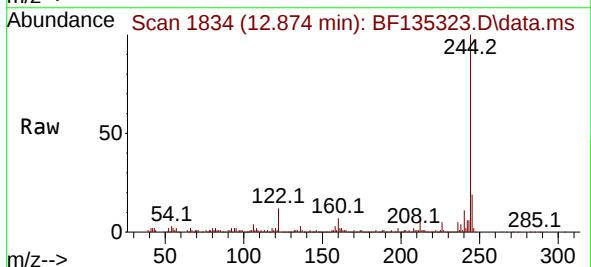
Manual Integrations
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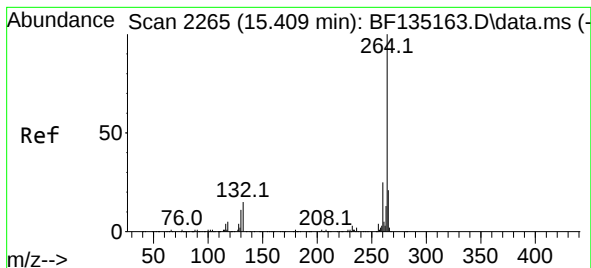
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#79
Terphenyl-d14
Concen: 7.496 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BF135323.D
Acq: 18 Sep 2023 23:56

Tgt Ion:244 Resp: 100613
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.7 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Instrument :

BNA_F

ClientSampleId :

EO-01-091423

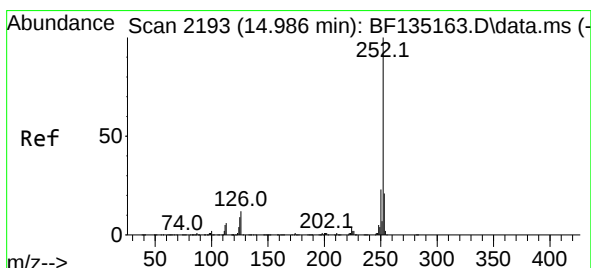
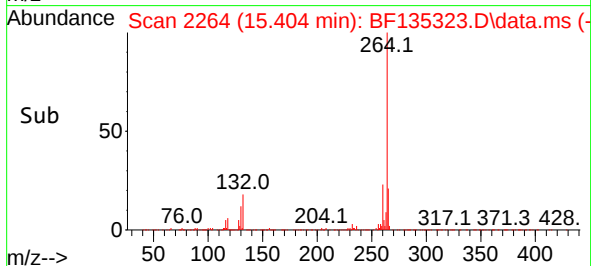
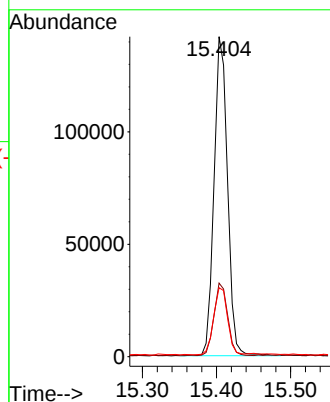
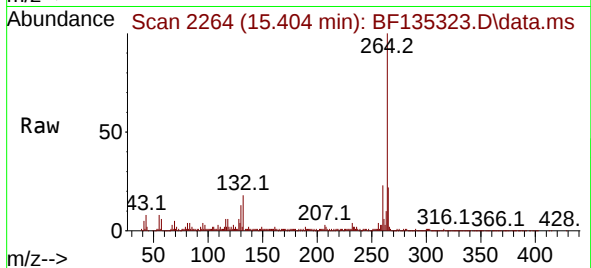
Tgt Ion:264	Resp: 17843
Ion Ratio	Lower Upper
264 100	
260 23.0	19.8 29.6
265 21.5	17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#88

Benzo(b)fluoranthene

Concen: 2.038 ng m

RT: 14.980 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF135323.D

Acq: 18 Sep 2023 23:56

Tgt Ion:252	Resp: 19689
Ion Ratio	Lower Upper
252 100	
253 27.7	17.2 25.8#
125 21.5	7.1 10.7#

