

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134326.D
 Acq On : 17 Jul 2023 20:57
 Operator : CG\JU
 Sample : 03619-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3471

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 01:17:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	130892	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	467641	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	200428	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	324867	20.000	ng	0.00
76) Chrysene-d12	14.039	240	223502	20.000	ng	0.00
86) Perylene-d12	15.539	264	184044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	401436	51.303	ng	0.00
7) Phenol-d6	6.481	99	469982	48.839	ng	0.00
23) Nitrobenzene-d5	7.404	82	304412	35.090	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	127531	50.749	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	573169	41.577	ng	-0.01
79) Terphenyl-d14	12.974	244	537517	38.706	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.604	202	69296	3.919	ng	93
78) Pyrene	12.833	202	53651	2.579	ng	# 94
83) Chrysene	14.063	228	30402	2.025	ng	97
88) Benzo(b)fluoranthene	15.092	252	27883m	2.577	ng	

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

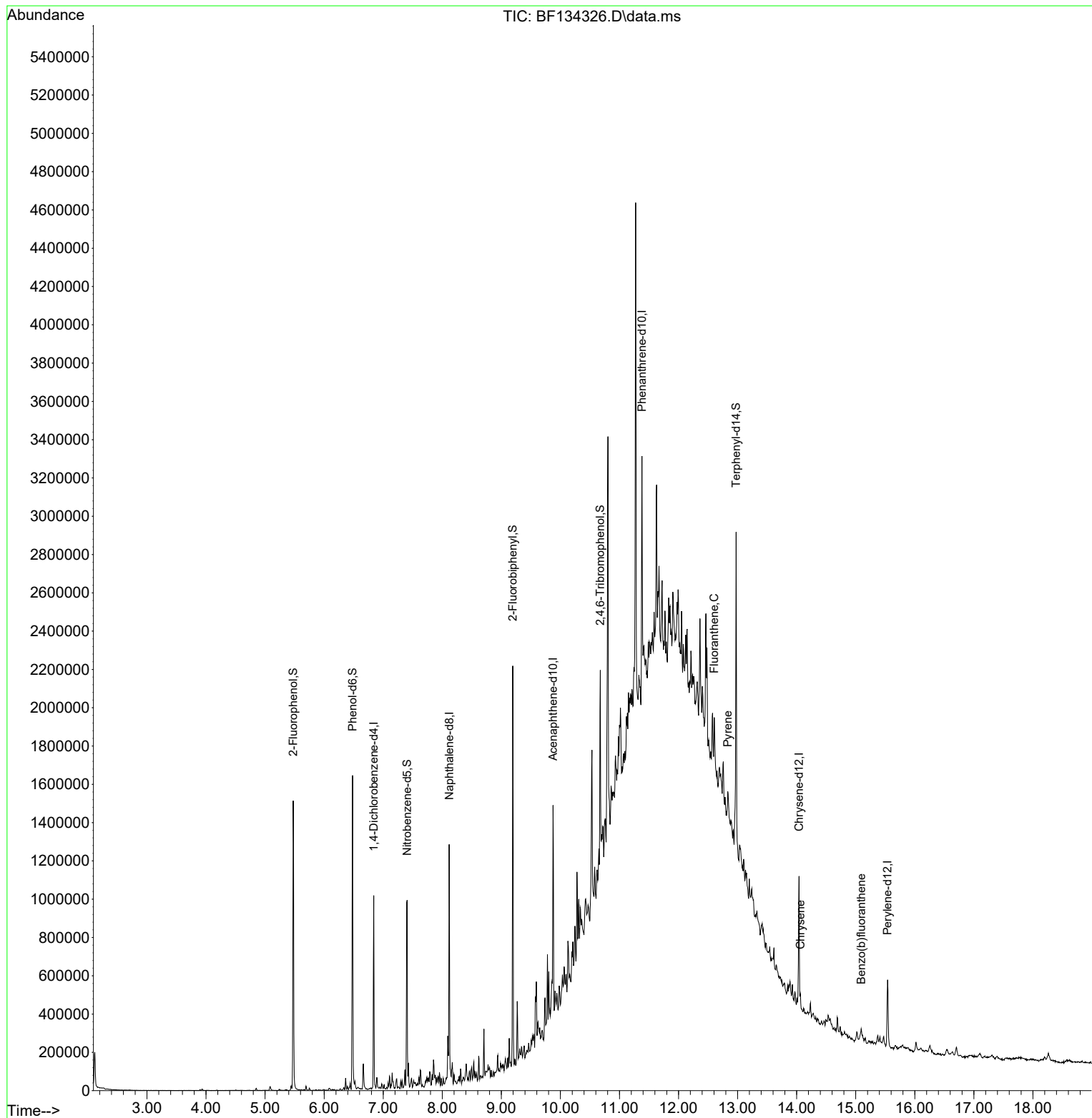
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134326.D
Acq On : 17 Jul 2023 20:57
Operator : CG\JU
Sample : 03619-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

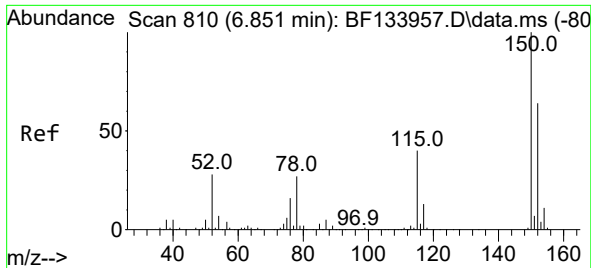
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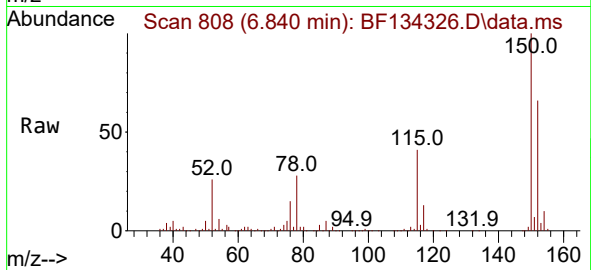
Quant Time: Jul 18 01:17:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

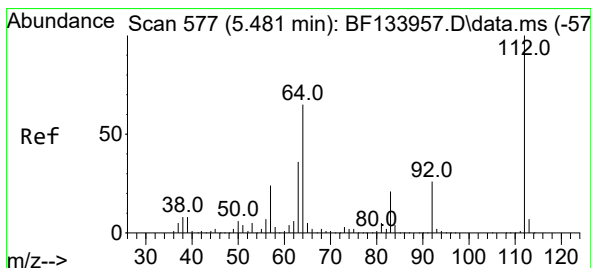
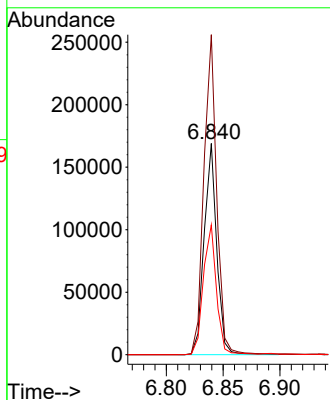
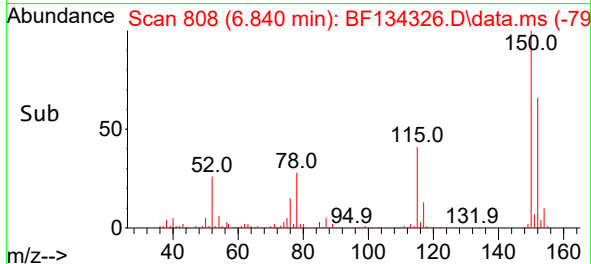
Instrument :
BNA_F
ClientSampleId :
RT3471



Tgt Ion:152 Resp: 130892
Ion Ratio Lower Upper
152 100
150 151.6 124.5 186.7
115 61.5 50.2 75.2

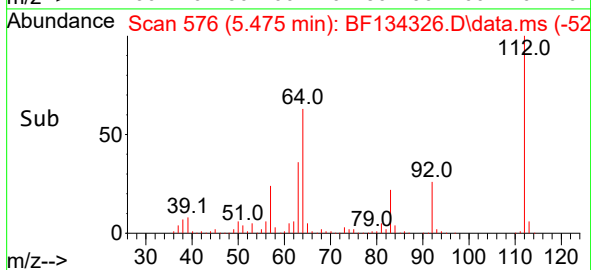
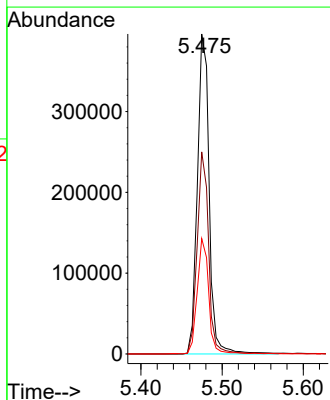
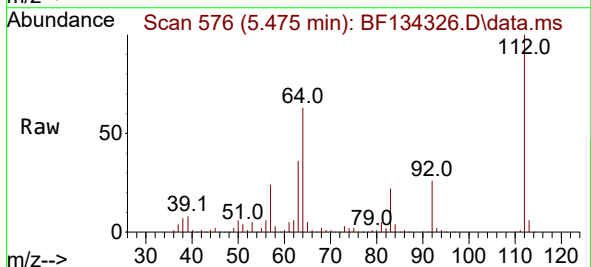
Manual Integrations
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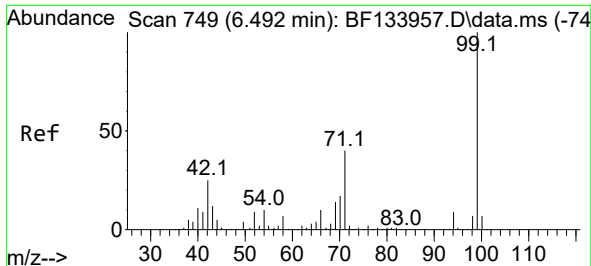
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#5
2-Fluorophenol
Concen: 51.303 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

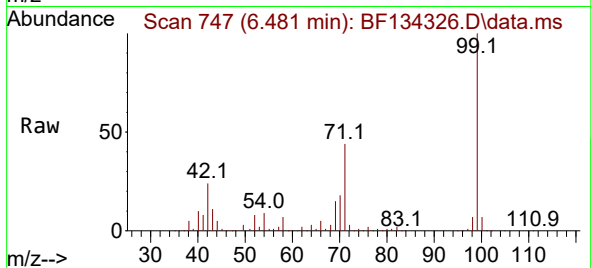
Tgt Ion:112 Resp: 401436
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 36.0 28.6 42.8





#7
Phenol-d6
Concen: 48.839 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

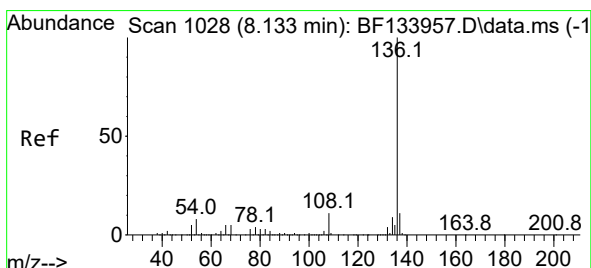
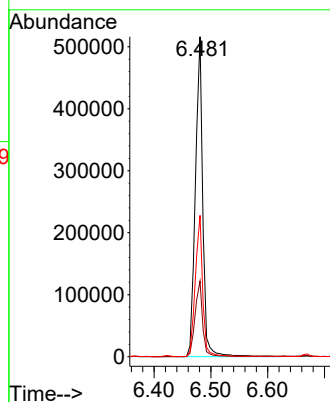
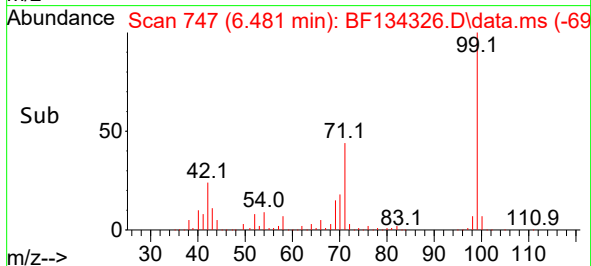
Instrument :
BNA_F
ClientSampleId :
RT3471



Tgt Ion: 99 Resp: 469982
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 44.2 31.9 47.9

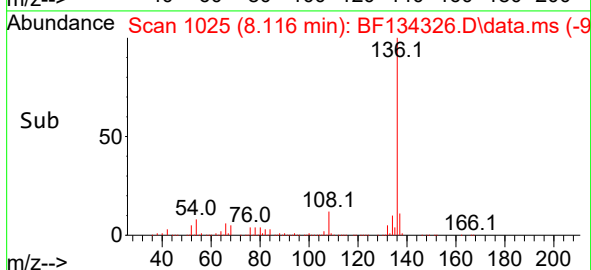
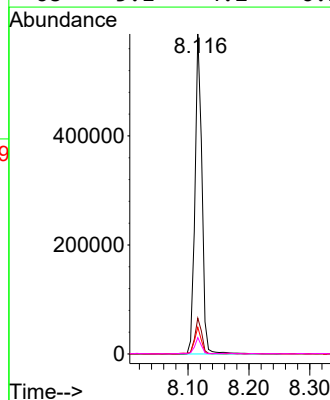
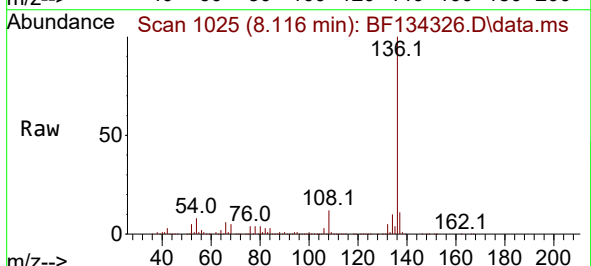
Manual Integrations
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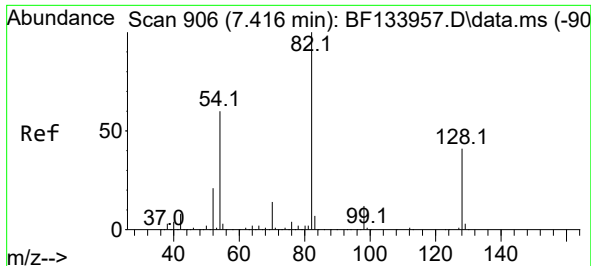
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:136 Resp: 467641
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.4 6.5 9.7
68 5.1 4.2 6.2





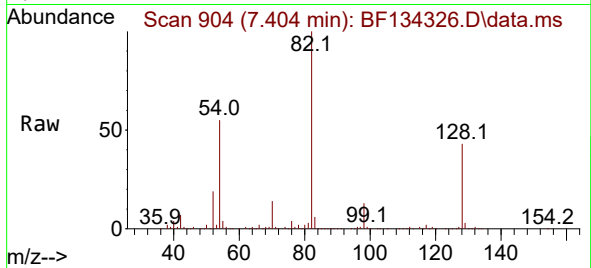
#23
Nitrobenzene-d5
Concen: 35.090 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Instrument :

BNA_F

ClientSampleId :

RT3471

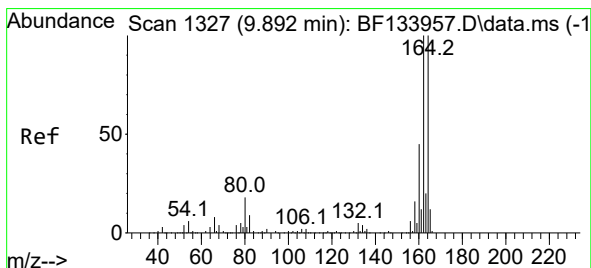
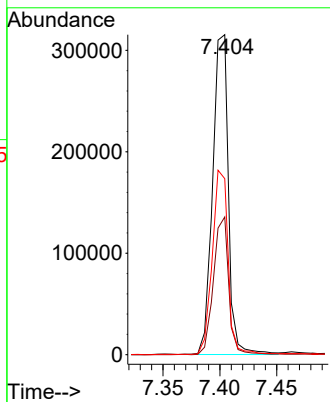
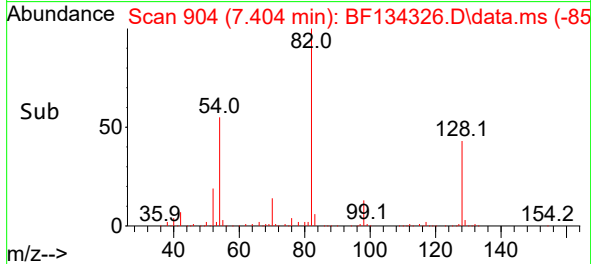


Tgt Ion: 82 Resp: 304412
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 55.0 48.2 72.2

Manual Integrations

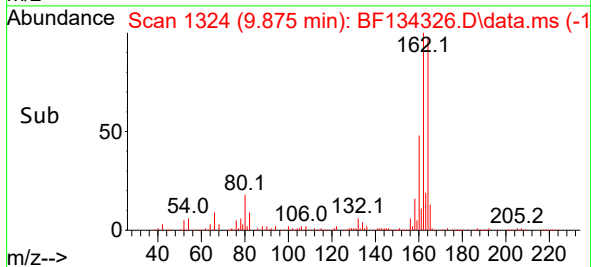
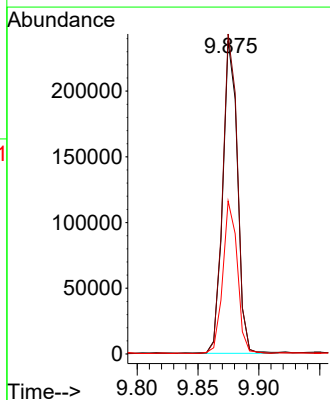
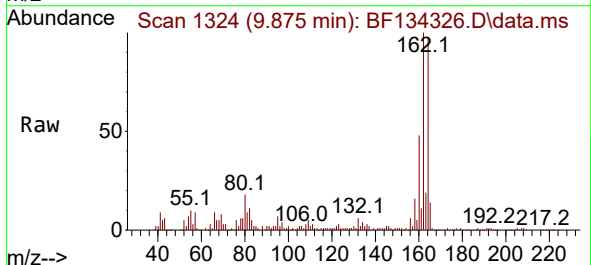
APPROVED

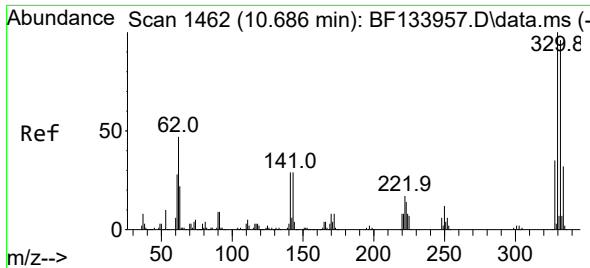
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

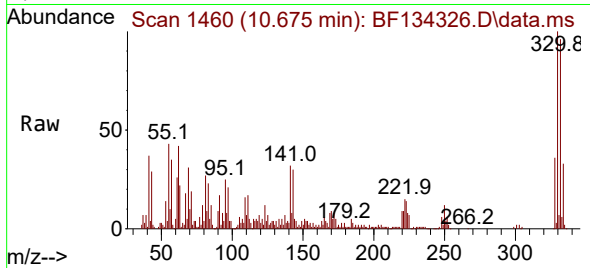
Tgt Ion:164 Resp: 200428
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 48.9 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 50.749 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

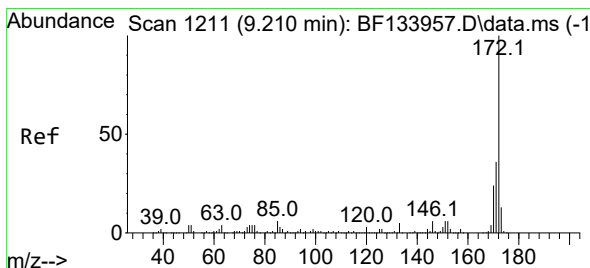
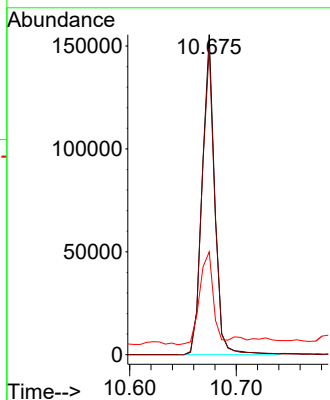
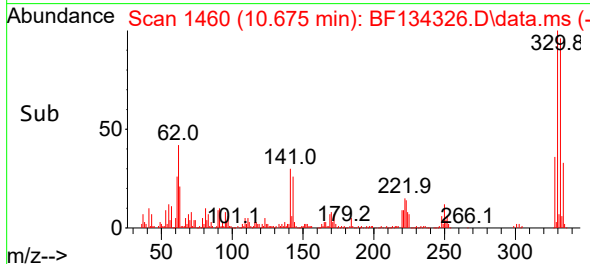
Instrument :
BNA_F
ClientSampleId :
RT3471



Tgt Ion: 330 Resp: 12753
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 32.1 26.3 39.5

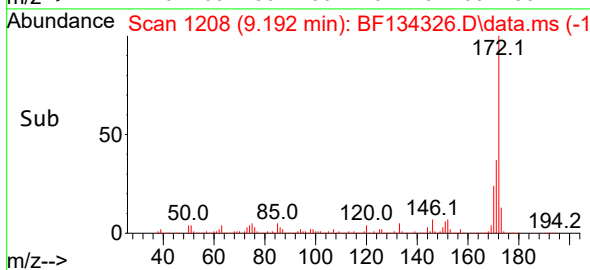
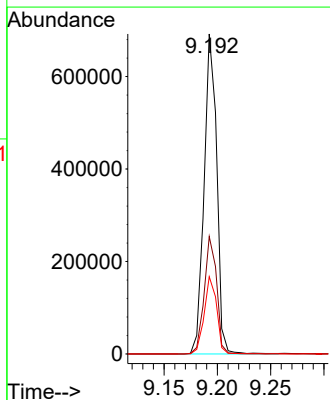
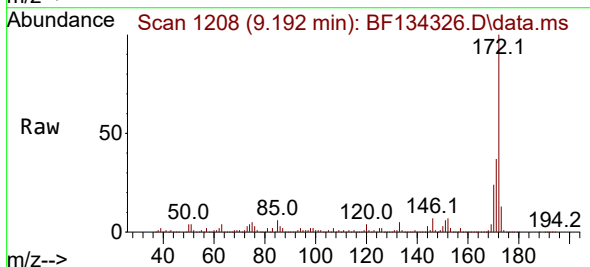
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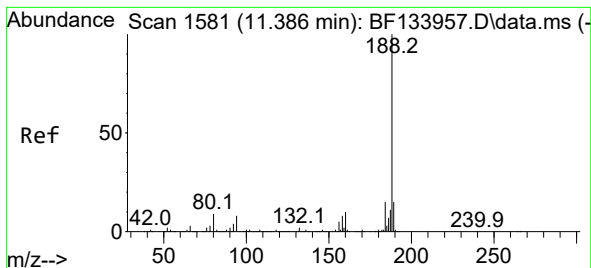
Reviewed By : Yogesh Patel 07/19/2023
Supervised By : mohammad ahmed 07/19/2023



#45
2-Fluorobiphenyl
Concen: 41.577 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion: 172 Resp: 573169
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

Instrument :

BNA_F

ClientSampleId :

RT3471

Tgt Ion:188 Resp: 32486

Ion Ratio Lower Upper

188 100

94 9.1 6.4 9.6

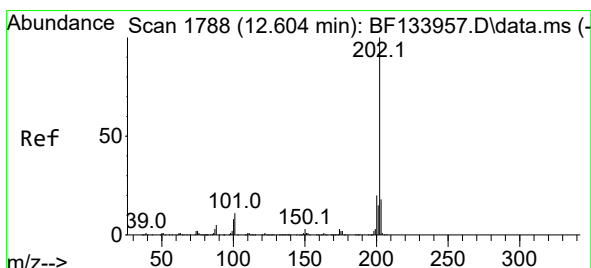
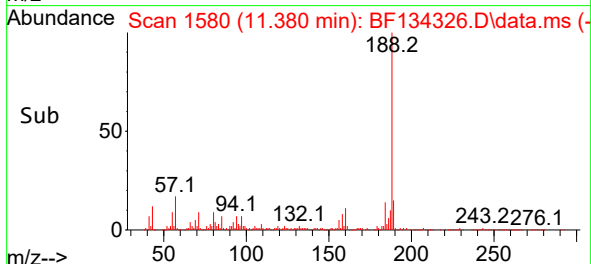
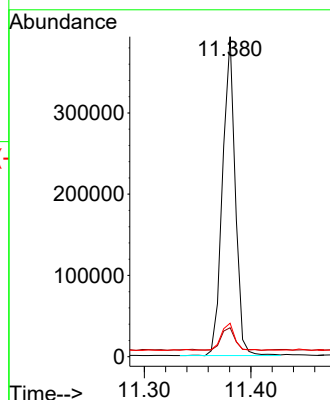
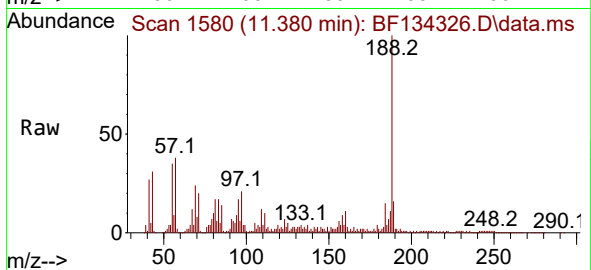
80 10.5 7.3 10.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#75

Fluoranthene

Concen: 3.919 ng

RT: 12.604 min Scan# 1788

Delta R.T. 0.006 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

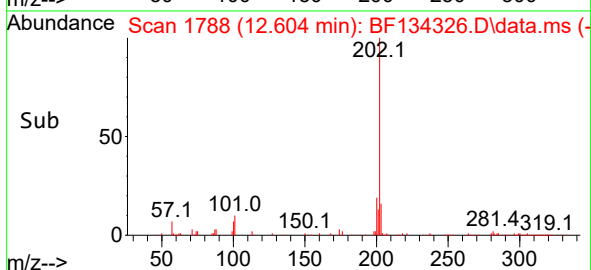
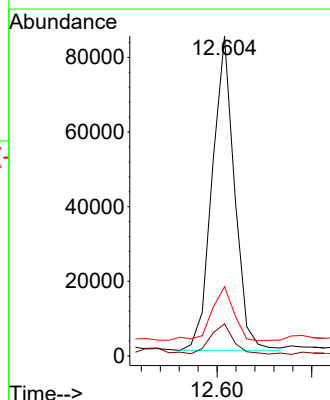
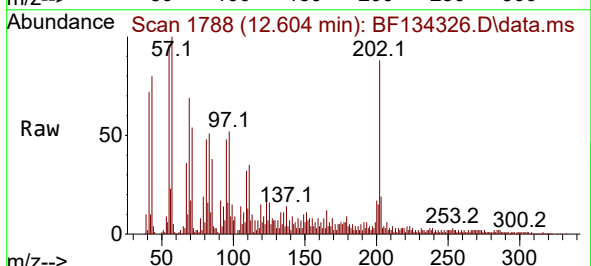
Tgt Ion:202 Resp: 69296

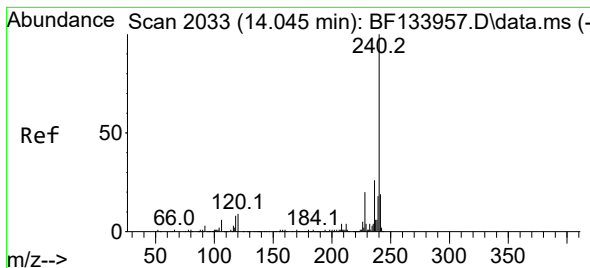
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.0

203 21.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

Instrument :

BNA_F

ClientSampleId :

RT3471

Tgt Ion:240 Resp: 22350

Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

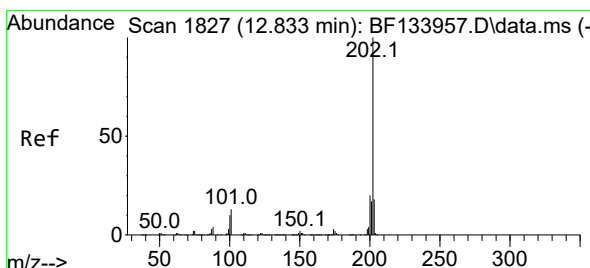
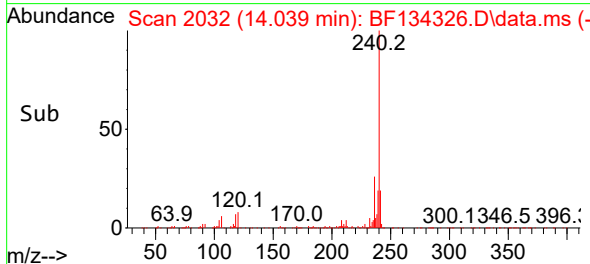
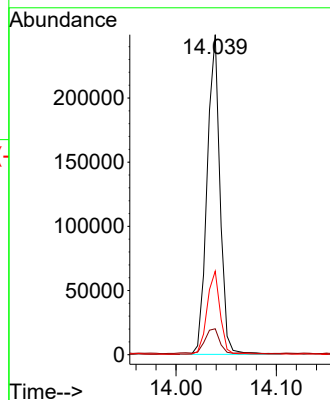
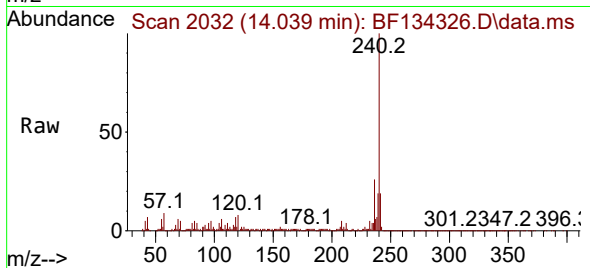
236 26.1 21.0 31.6

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2023



#78

Pyrene

Concen: 2.579 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134326.D

Acq: 17 Jul 2023 20:57

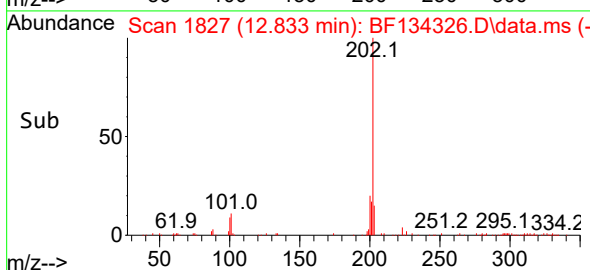
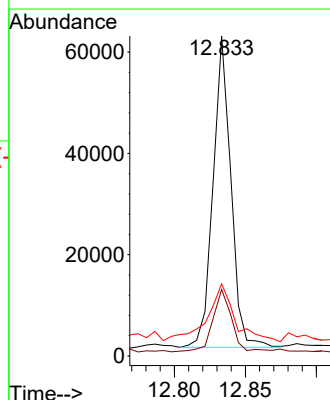
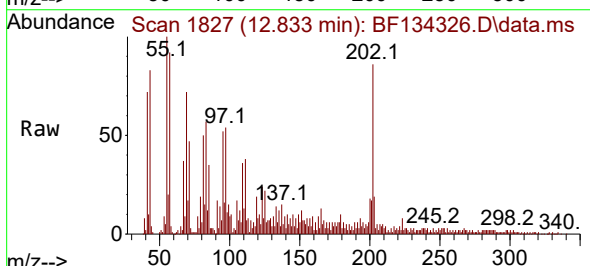
Tgt Ion:202 Resp: 53651

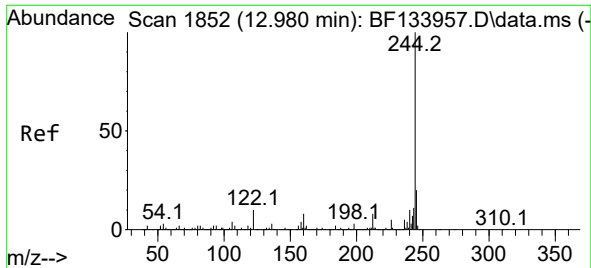
Ion Ratio Lower Upper

202 100

200 20.7 16.1 24.1

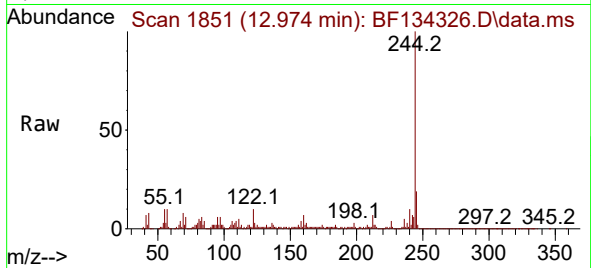
203 22.6 14.3 21.5#





#79
Terphenyl-d14
Concen: 38.706 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

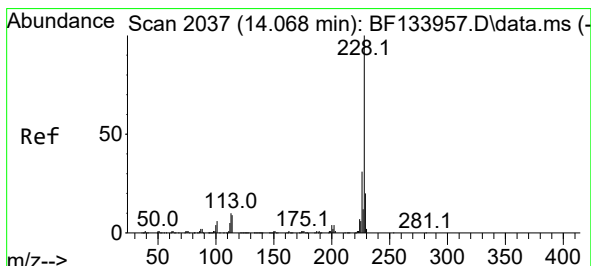
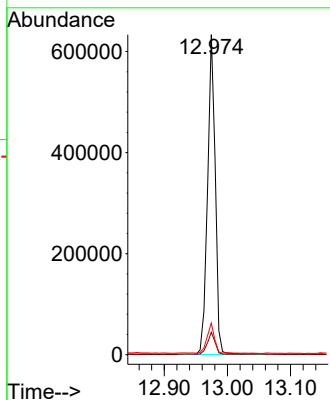
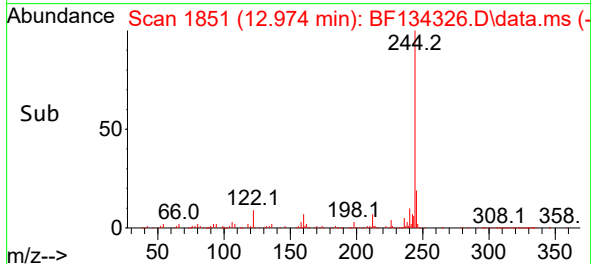
Instrument :
BNA_F
ClientSampleId :
RT3471



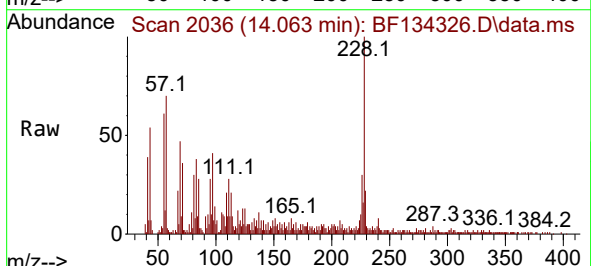
Tgt Ion:244 Resp: 53751
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.9 8.3 12.5

Manual Integrations
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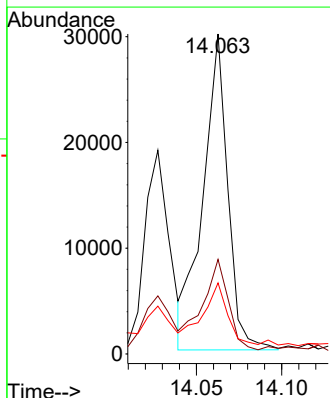
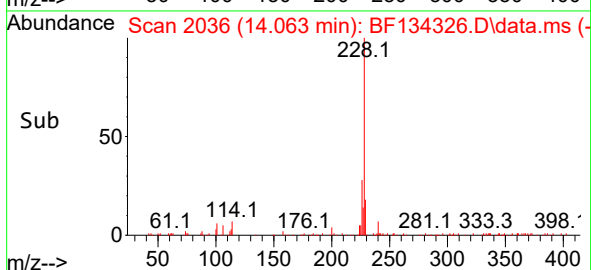
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

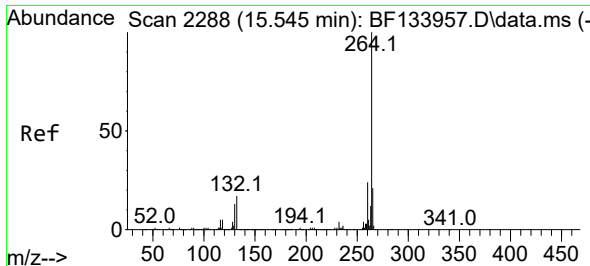


#83
Chrysene
Concen: 2.025 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57



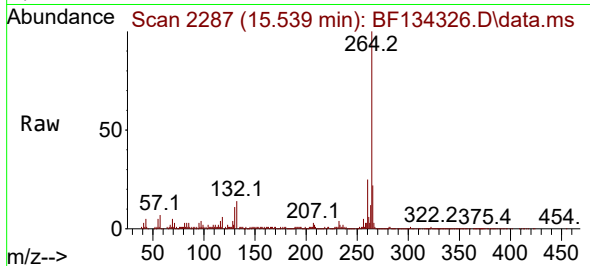
Tgt Ion:228 Resp: 30402
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 22.2 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

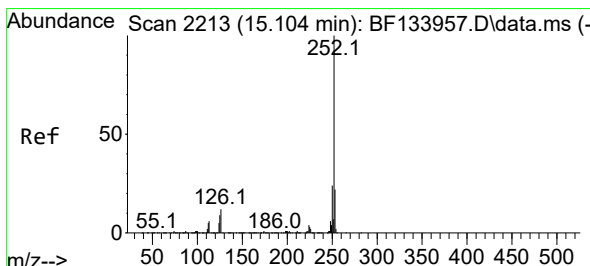
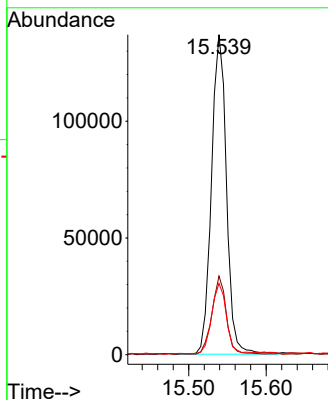
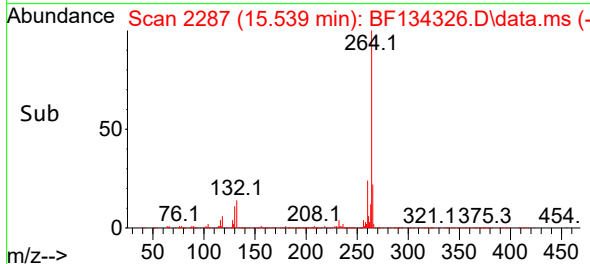
Instrument :
BNA_F
ClientSampleId :
RT3471



Tgt Ion:264 Resp: 184044
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 22.3 16.6 25.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#88
Benzo(b)fluoranthene
Concen: 2.577 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF134326.D
Acq: 17 Jul 2023 20:57

Tgt Ion:252 Resp: 27883
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 16.4 7.1 10.7#

