

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134508.D
 Acq On : 27 Jul 2023 16:33
 Operator : CG\JU
 Sample : 03732-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 17:11:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	88080	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	278164	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	142432	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	212136	20.000	ng	0.00
76) Chrysene-d12	14.015	240	164371	20.000	ng	0.00
86) Perylene-d12	15.515	264	132622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	375963	70.523	ng	0.00
7) Phenol-d6	6.469	99	466204	71.376	ng	0.00
23) Nitrobenzene-d5	7.386	82	318523	57.935	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	102900	50.847	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	596615	54.990	ng	0.00
79) Terphenyl-d14	12.951	244	554923	58.934	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.575	163	27513	2.606	ng	98
75) Fluoranthene	12.574	202	48147	3.727	ng	98
78) Pyrene	12.804	202	42659	3.264	ng	96
88) Benzo(b)fluoranthene	15.074	252	23790m	2.867	ng	

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

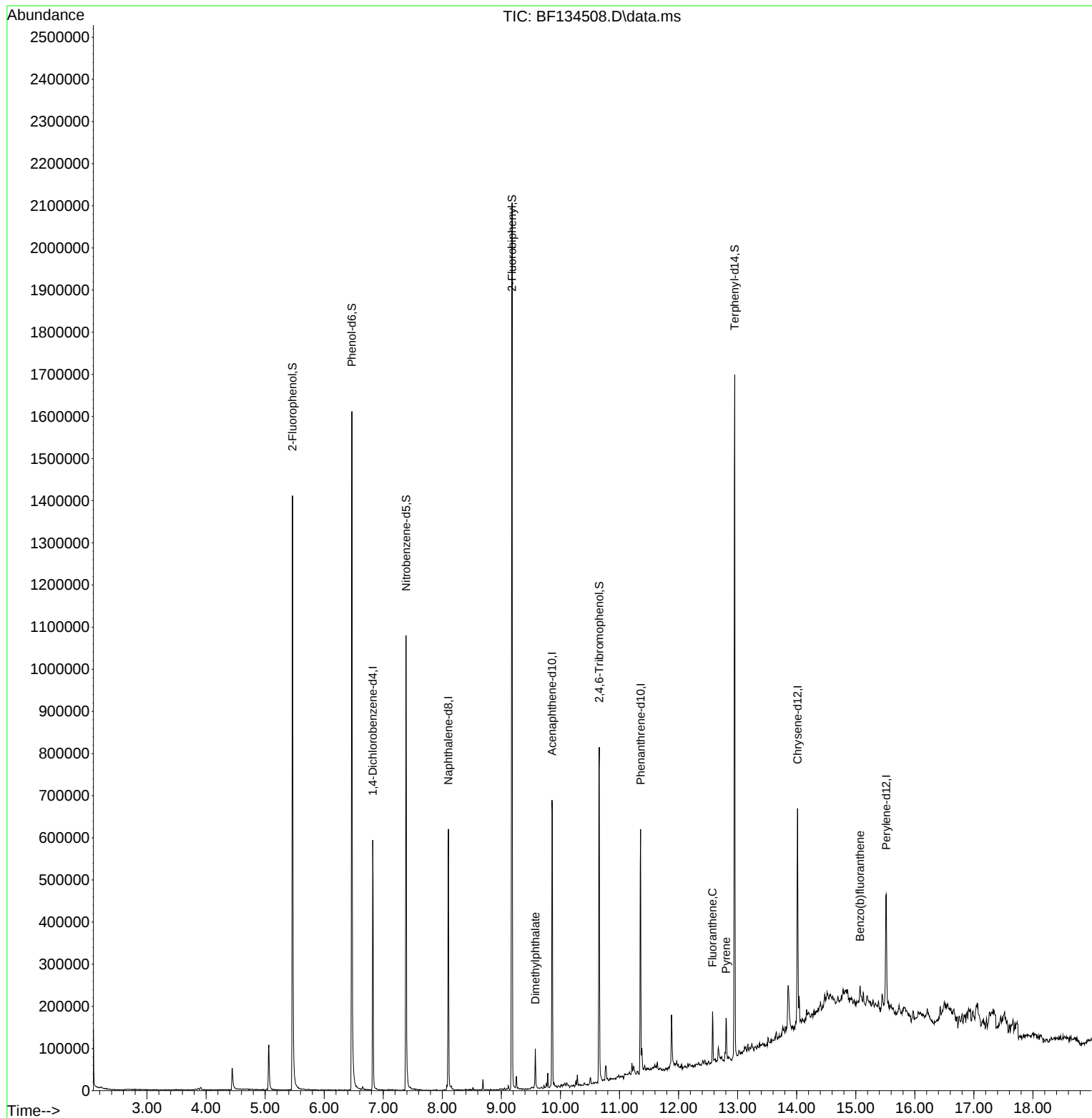
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
Data File : BF134508.D
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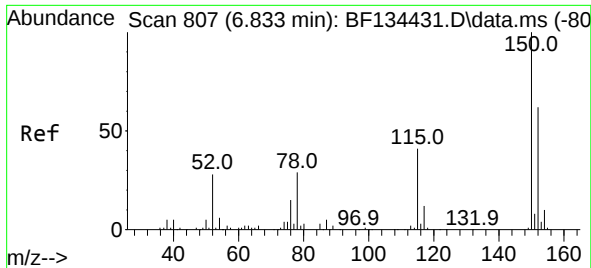
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QLast Update : Thu Jul 27 12:16:03 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

Instrument :

BNA_F

ClientSampleId :

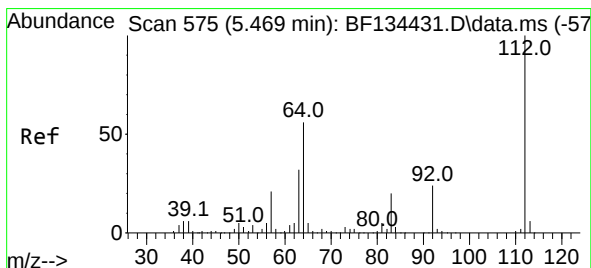
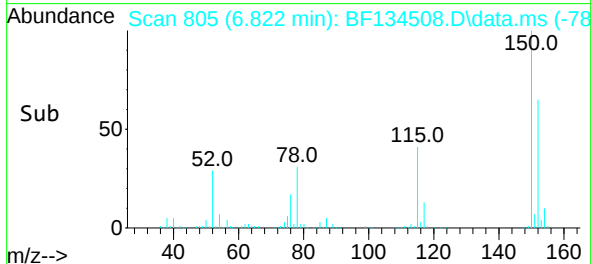
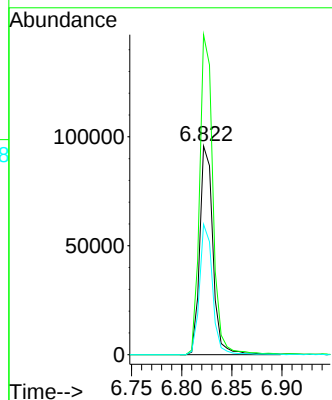
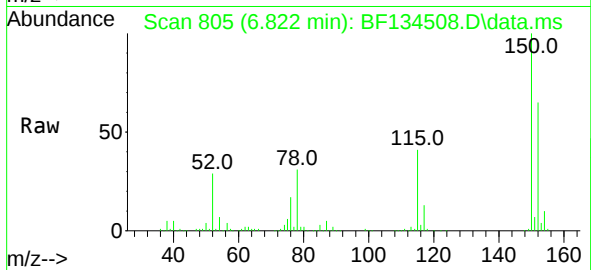
CONC-WC-1

Tgt Ion:152 Resp: 88080
Ion Ratio Lower Upper
152 100
150 153.4 128.3 192.5
115 62.5 52.4 78.6

Manual Integrations

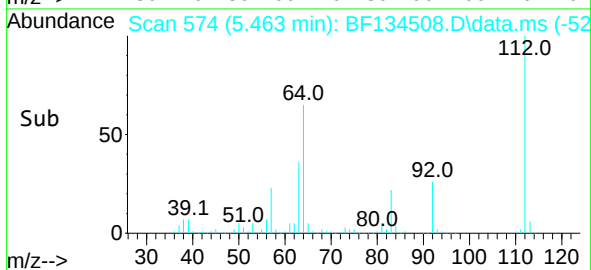
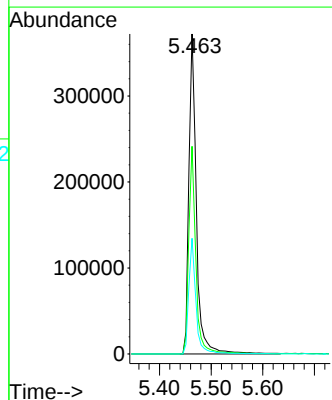
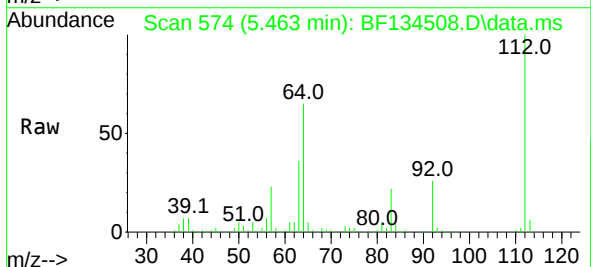
APPROVED

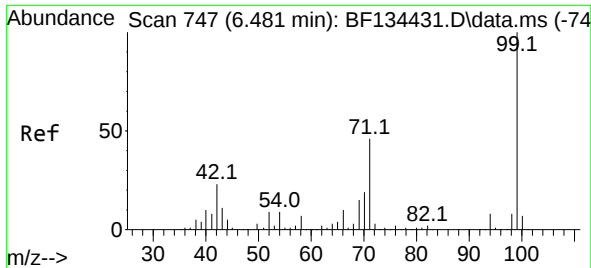
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#5
2-Fluorophenol
Concen: 70.523 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

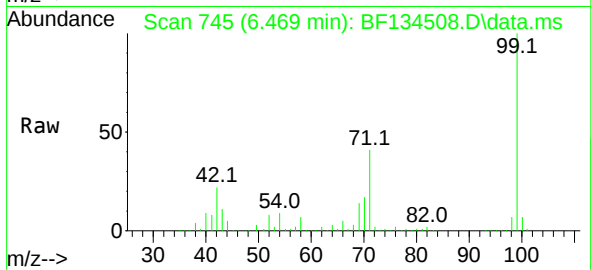
Tgt Ion:112 Resp: 375963
Ion Ratio Lower Upper
112 100
64 64.9 44.9 67.3
63 36.1 25.4 38.0





#7
Phenol-d6
Concen: 71.376 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

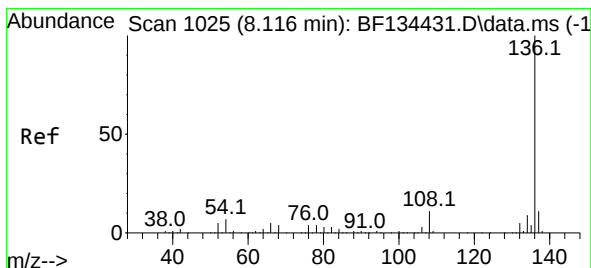
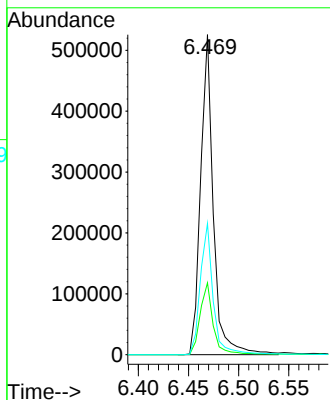
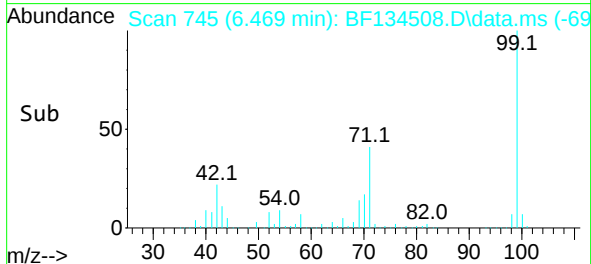
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1



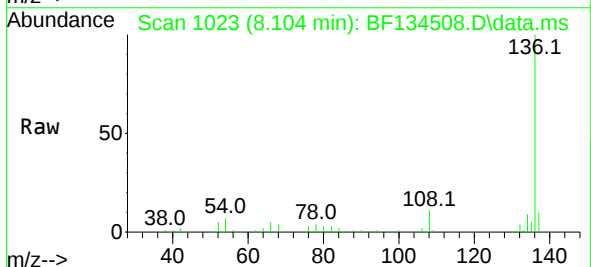
Tgt Ion: 99 Resp: 466204
Ion Ratio Lower Upper
99 100
42 22.5 18.7 28.1
71 41.0 36.4 54.6

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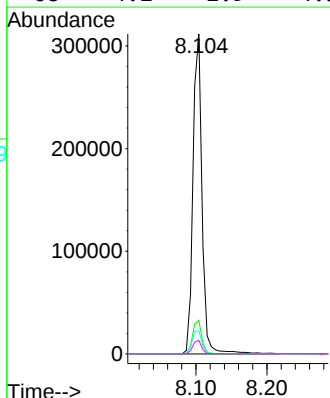
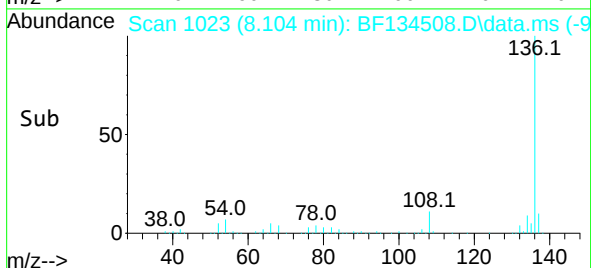
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

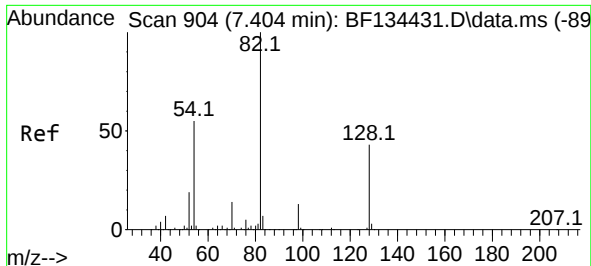


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33



Tgt Ion:136 Resp: 278164
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.2 5.2 7.8
68 4.2 2.9 4.3





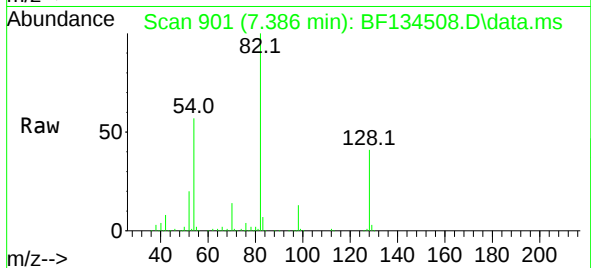
#23
Nitrobenzene-d5
Concen: 57.935 ng
RT: 7.386 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

Instrument :

BNA_F

ClientSampleId :

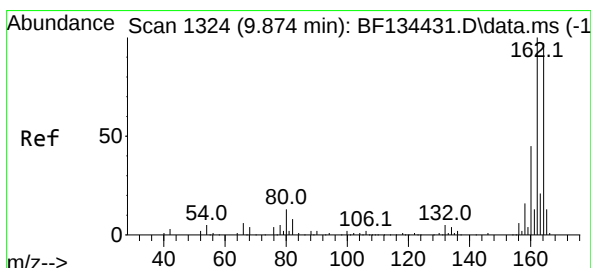
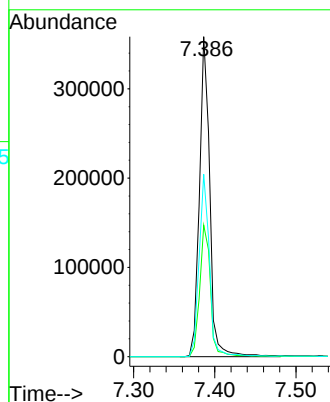
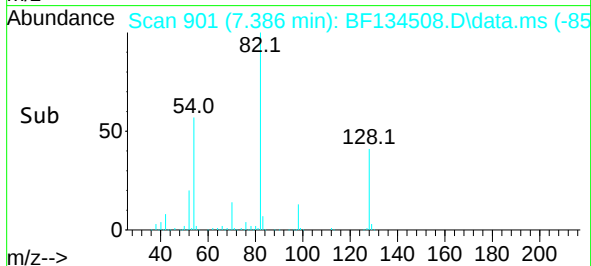
CONC-WC-1



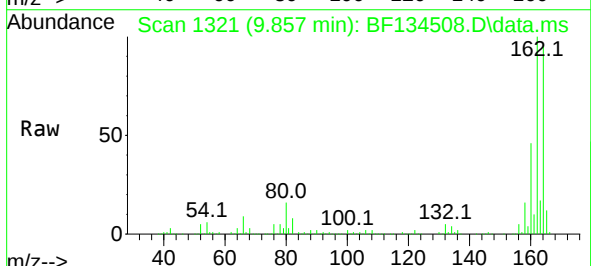
Tgt Ion: 82 Resp: 31852
Ion Ratio Lower Upper
82 100
128 41.1 34.3 51.5
54 57.0 43.8 65.6

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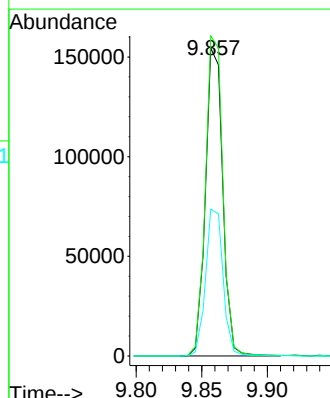
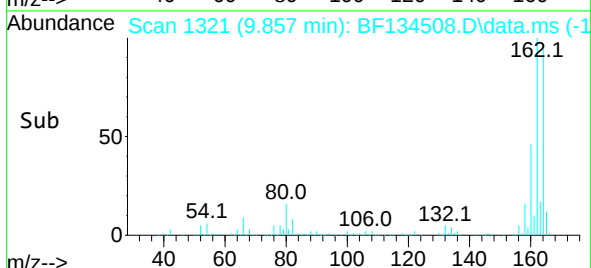
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

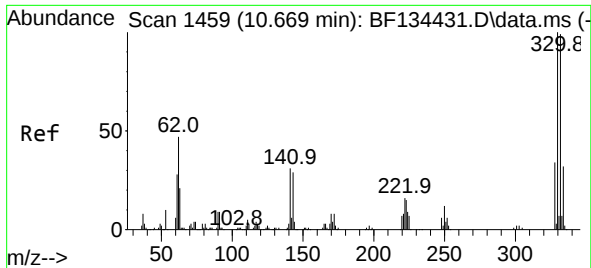


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33



Tgt Ion:164 Resp: 142432
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 47.6 37.2 55.8





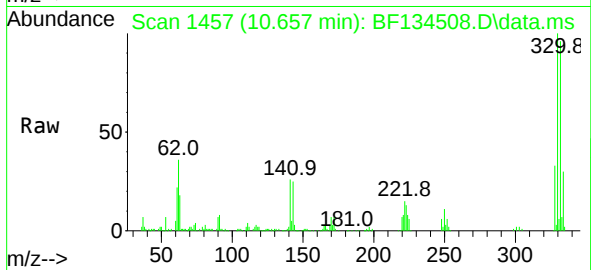
#42
2,4,6-Tribromophenol
Concen: 50.847 ng
RT: 10.657 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



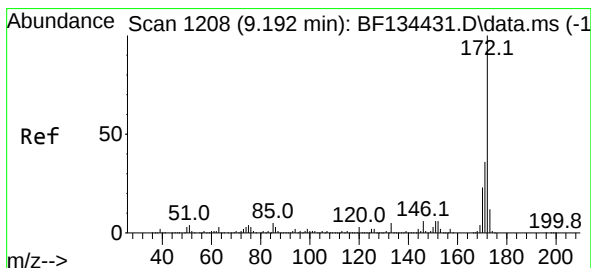
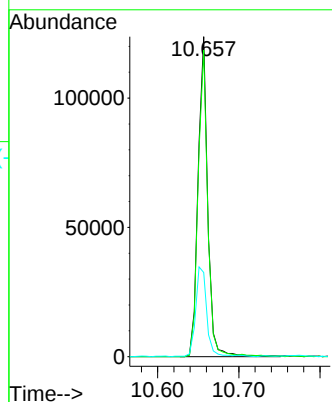
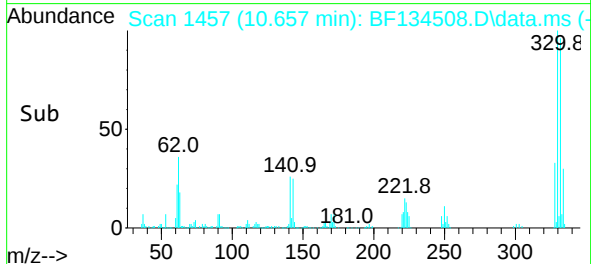
Tgt Ion:330 Resp: 102900
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 32.5 25.4 38.2

Manual Integrations

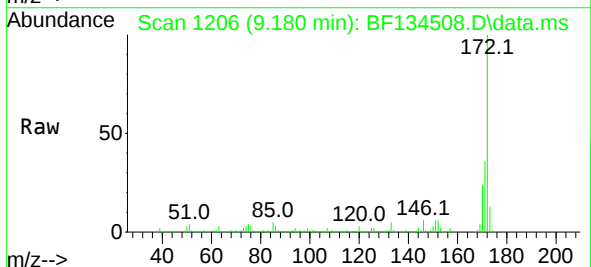
APPROVED

Reviewed By :Yogesh Patel 07/28/2023

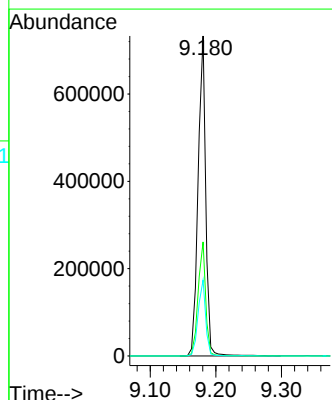
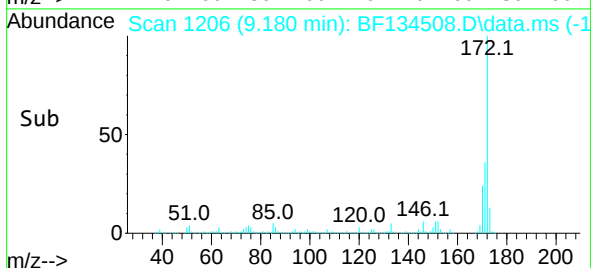
Supervised By :mohammad ahmed 07/28/2023

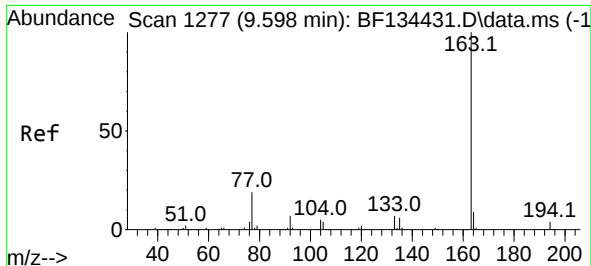


#45
2-Fluorobiphenyl
Concen: 54.990 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33



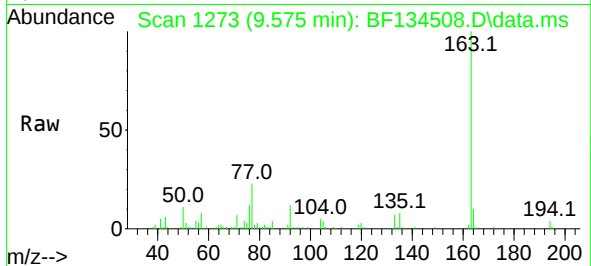
Tgt Ion:172 Resp: 596615
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 18.7 28.1





#50
Dimethylphthalate
Concen: 2.606 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

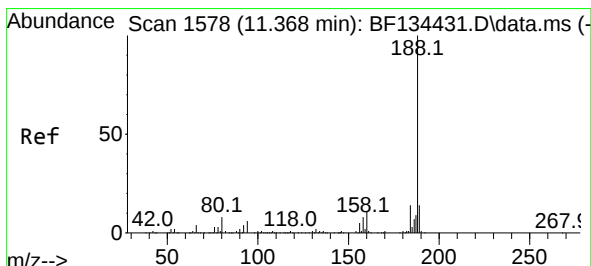
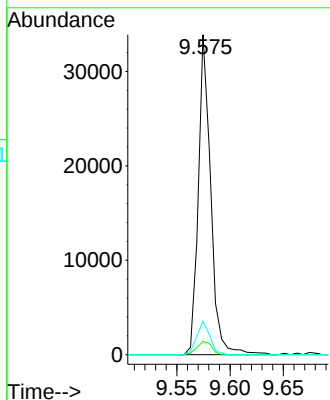
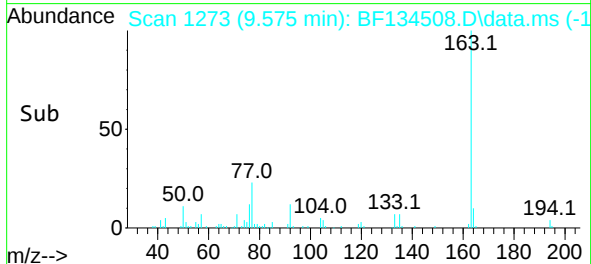
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1



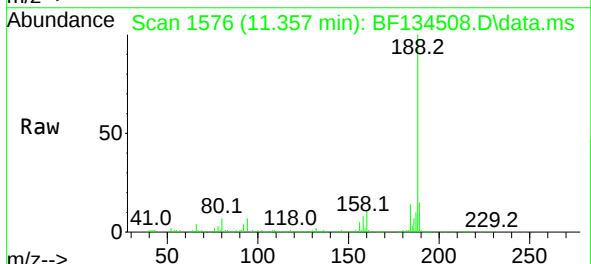
Tgt Ion:163 Resp: 2751
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 7.5 11.3

Manual Integrations
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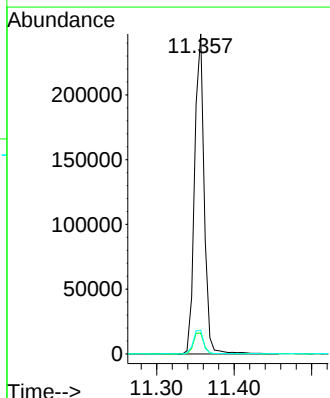
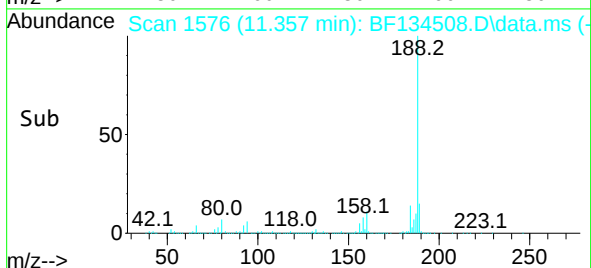
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

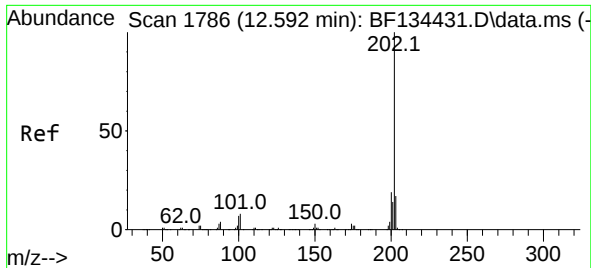


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33



Tgt Ion:188 Resp: 212136
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 7.5 6.6 9.8





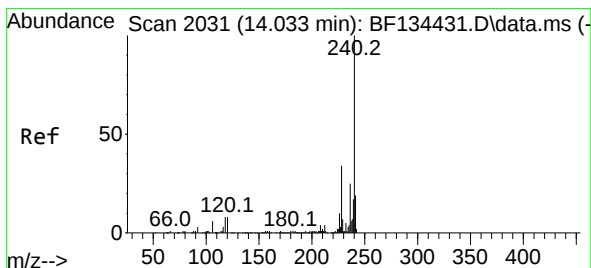
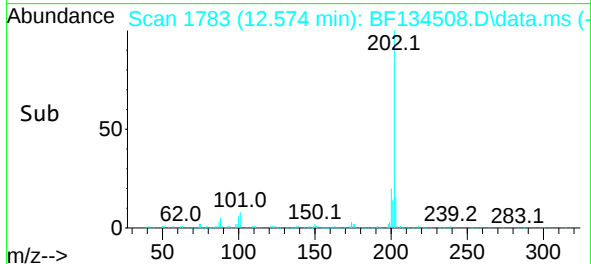
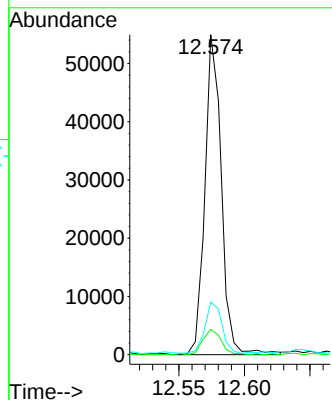
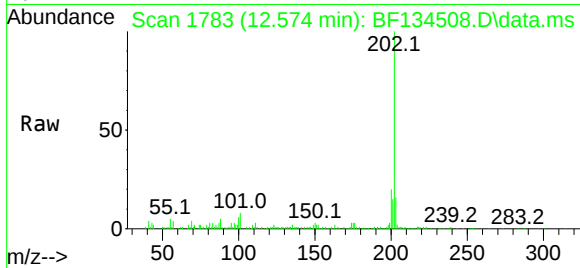
#75
Fluoranthene
Concen: 3.727 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion:202 Resp: 4814
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.5
203 16.5 0.0 37.5

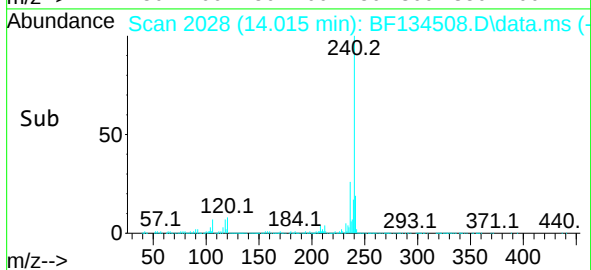
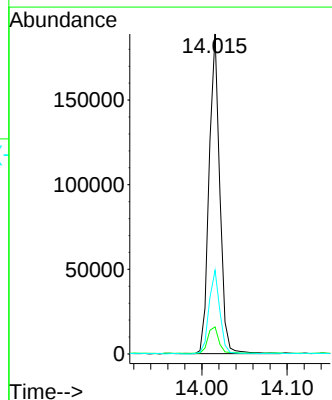
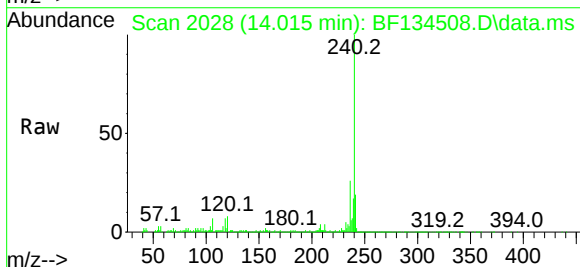
Manual Integrations
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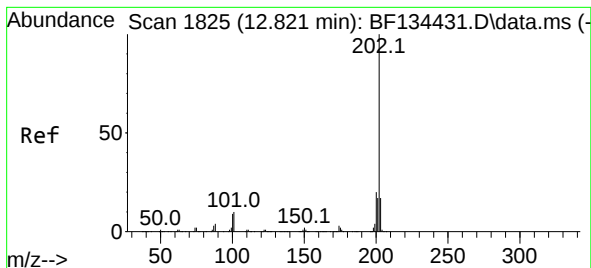
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF134508.D
Acq: 27 Jul 2023 16:33

Tgt Ion:240 Resp: 164371
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.1 20.2 30.2





#78

Pyrene

Concen: 3.264 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BF134508.D

Acq: 27 Jul 2023 16:33

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

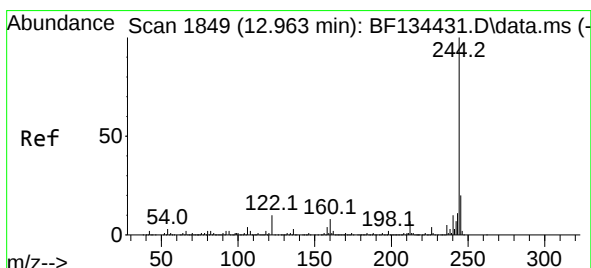
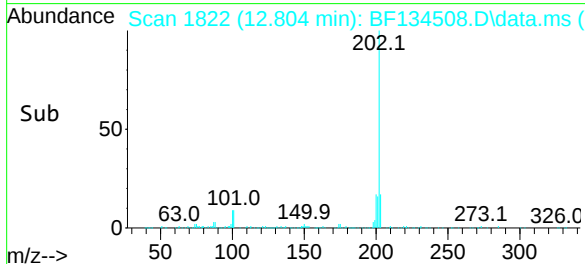
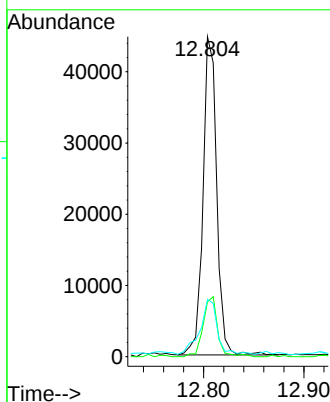
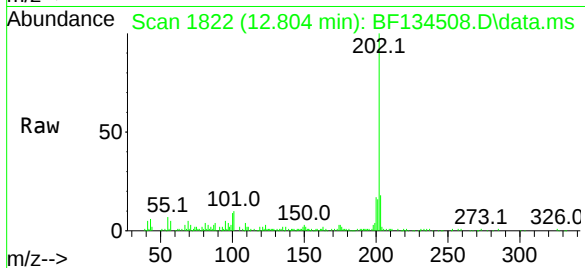
Tgt Ion:202 Resp: 42658
 Ion Ratio Lower Upper
 202 100
 200 17.2 15.8 23.8
 203 17.9 13.5 20.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#79

Terphenyl-d14

Concen: 58.934 ng

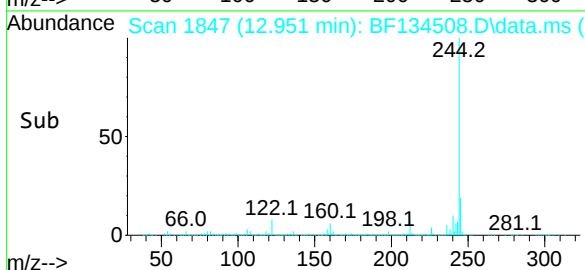
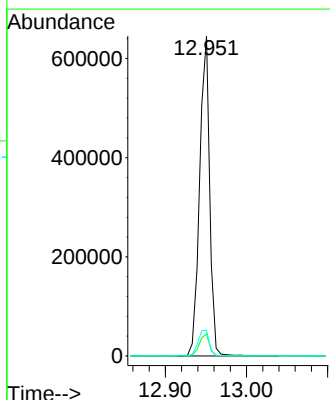
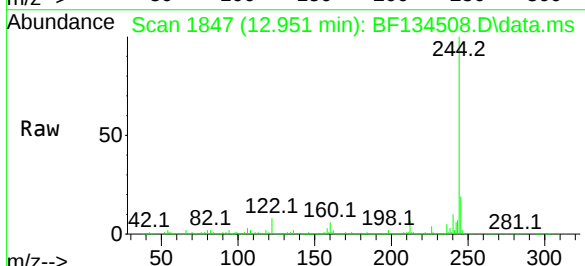
RT: 12.951 min Scan# 1847

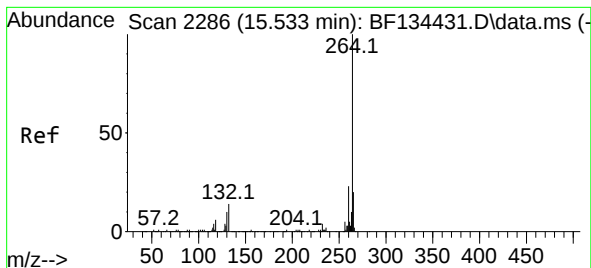
Delta R.T. -0.000 min

Lab File: BF134508.D

Acq: 27 Jul 2023 16:33

Tgt Ion:244 Resp: 554923
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 8.1 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134508.D

Acq: 27 Jul 2023 16:33

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

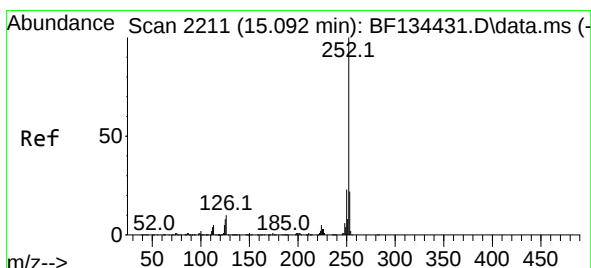
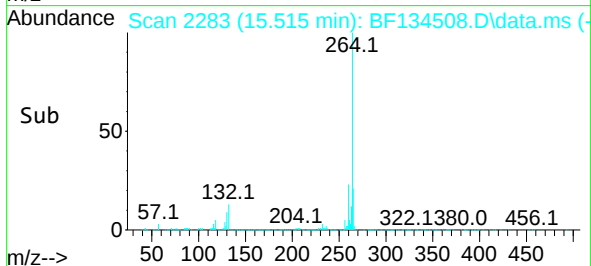
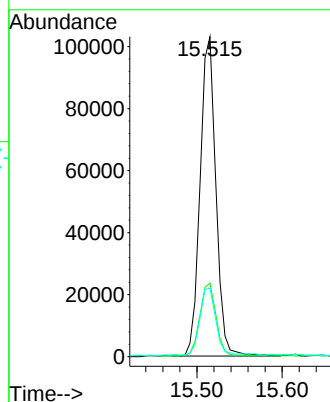
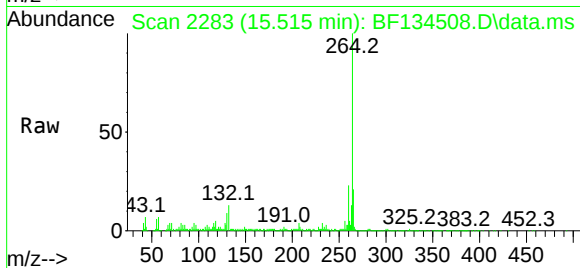
Tgt Ion:264 Resp: 13262
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#88

Benzo(b)fluoranthene

Concen: 2.867 ng m

RT: 15.074 min Scan# 2208

Delta R.T. -0.000 min

Lab File: BF134508.D

Acq: 27 Jul 2023 16:33

Tgt Ion:252 Resp: 23790
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 18.2 6.0 9.0#

