

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035740.D
 Acq On : 20 Dec 2024 14:05
 Operator : RC/JU
 Sample : P5261-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 17:12:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3324	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8846	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5875	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	12041	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	10498	0.400	ng	0.00
35) Perylene-d12	23.041	264	10600	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	1125	0.135	ng	0.00
5) Phenol-d6	6.484	99	944	0.094	ng	0.00
8) Nitrobenzene-d5	8.408	82	2227m	0.412	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5239	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	809	0.194	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	7690	0.346	ng	0.00
27) Fluoranthene-d10	18.761	212	13888	0.407	ng	0.00
31) Terphenyl-d14	19.388	244	10774	0.520	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	24293	7.645	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1150	0.079	ng	# 99

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

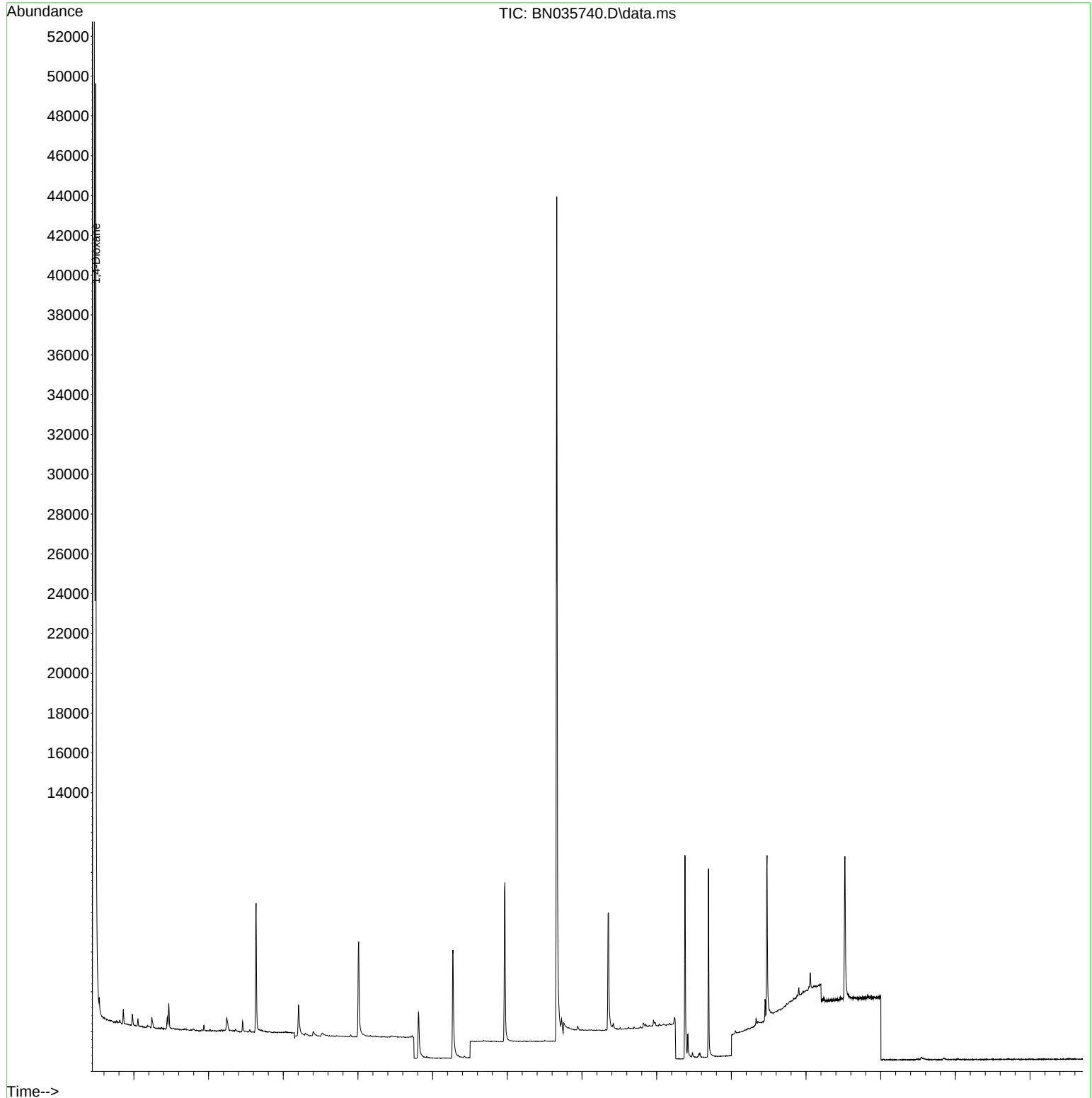
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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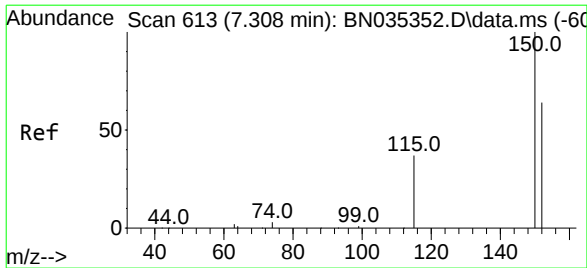
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210

Quant Time: Dec 20 17:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
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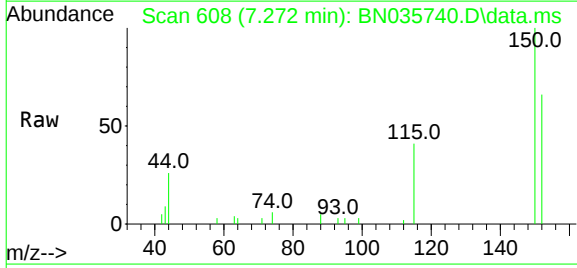
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

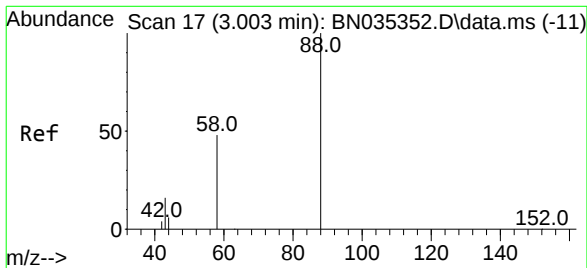
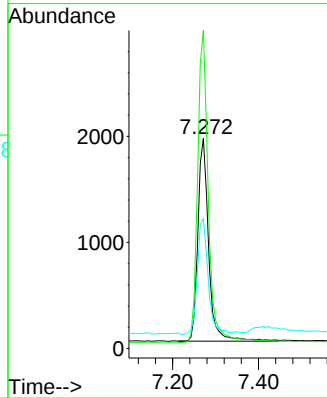
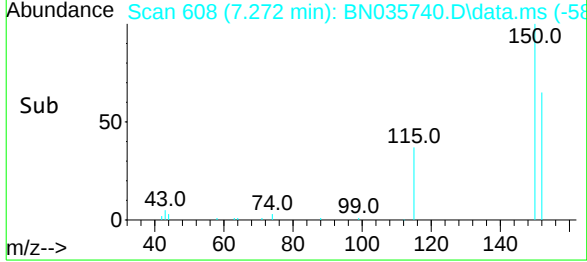
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



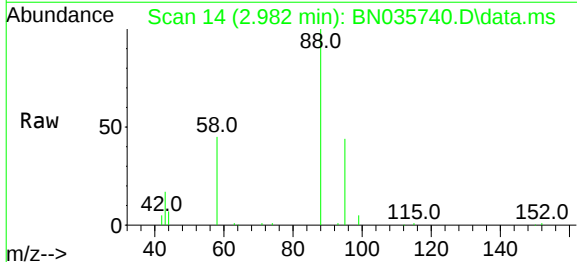
Tgt Ion: 152 Resp: 3324
Ion Ratio Lower Upper
152 100
150 151.4 124.0 186.0
115 61.8 49.6 74.4

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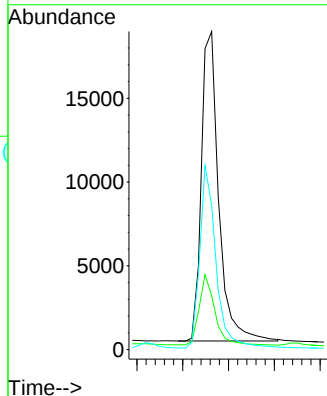
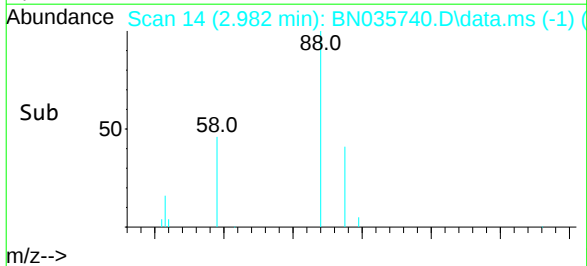
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

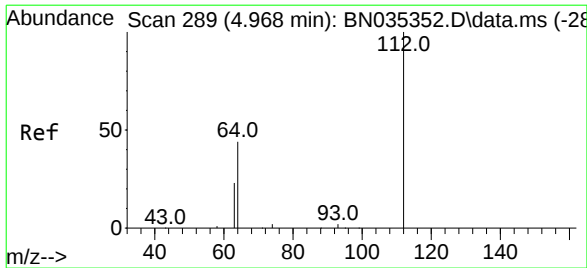


#2
1,4-Dioxane
Concen: 7.645 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05



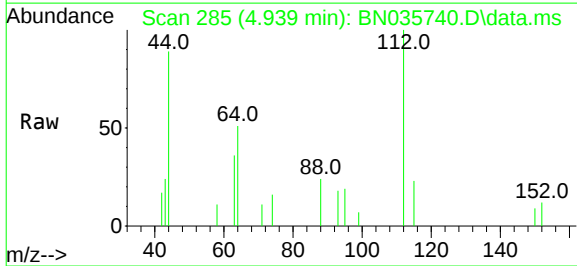
Tgt Ion: 88 Resp: 24293
Ion Ratio Lower Upper
88 100
43 20.6 17.2 25.8
58 54.8 44.5 66.7





#4
2-Fluorophenol
Concen: 0.135 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

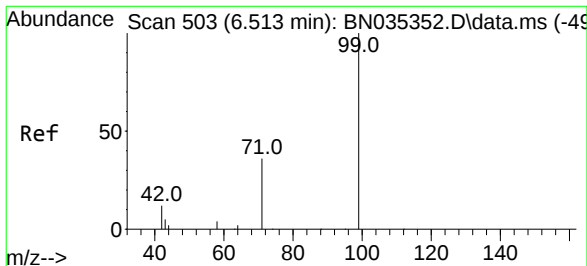
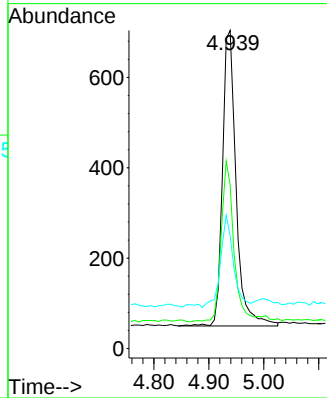
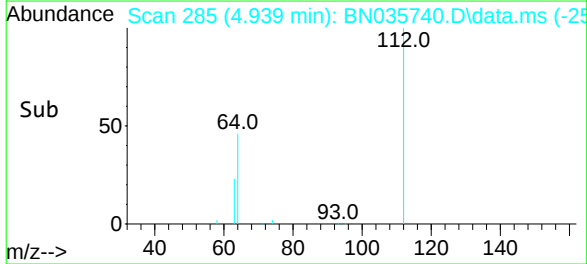
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



Tgt Ion: 112 Resp: 1125
Ion Ratio Lower Upper
112 100
64 52.4 39.8 59.8
63 29.5 21.0 31.6

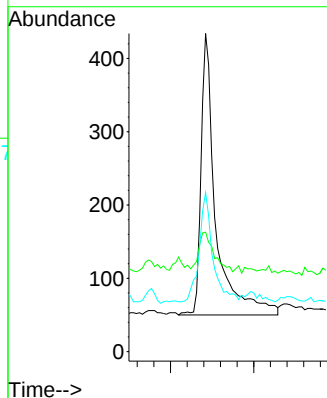
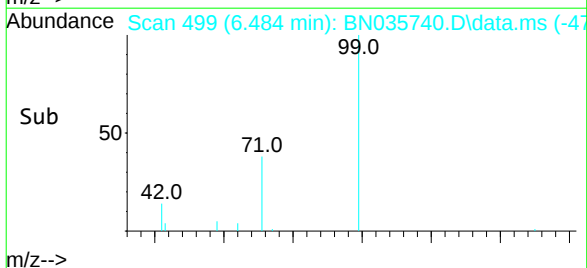
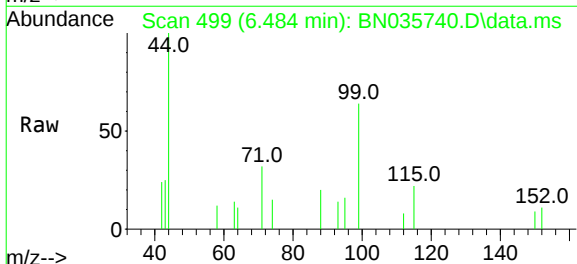
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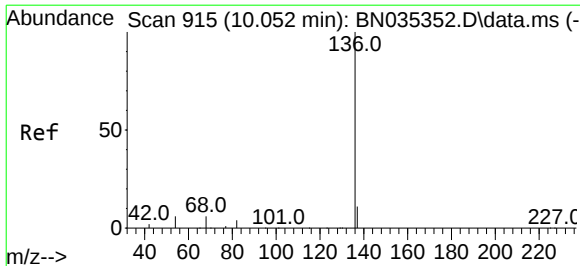
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

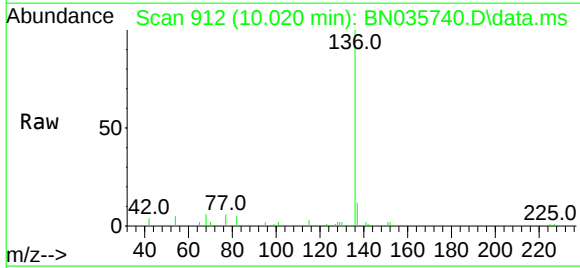
Tgt Ion: 99 Resp: 944
Ion Ratio Lower Upper
99 100
42 14.9 11.4 17.2
71 36.5 29.3 43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

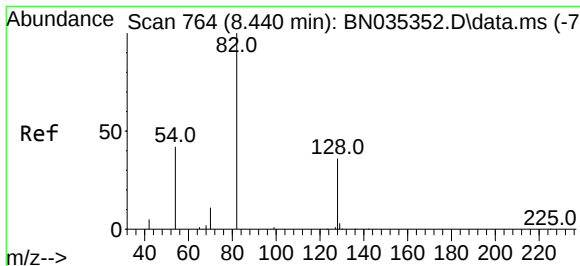
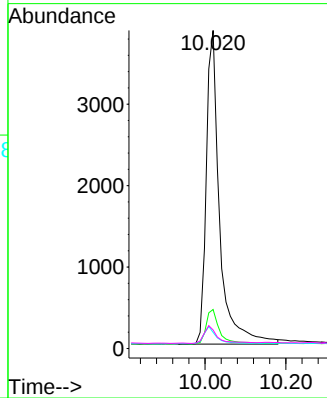
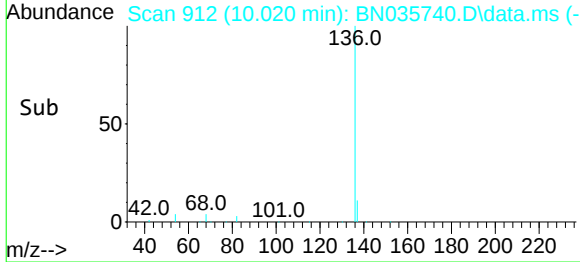
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



Tgt Ion:	136	Resp:	8846
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	5.1	6.1	9.1#
68	5.8	6.4	9.6#

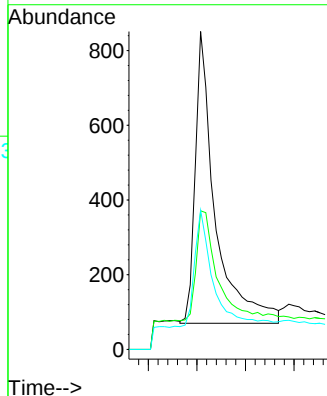
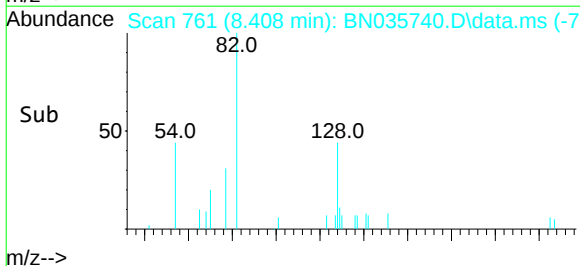
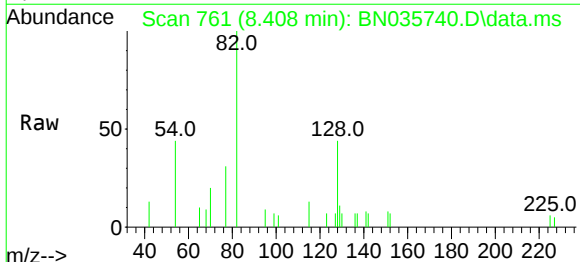
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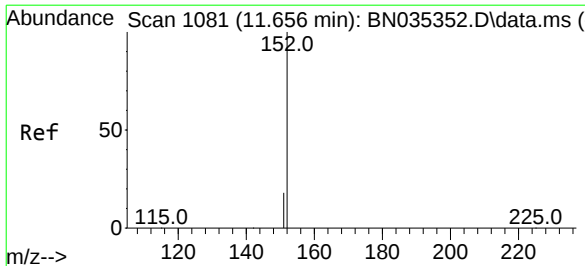
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.412 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

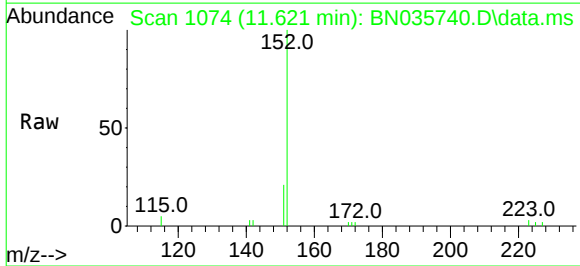
Tgt Ion:	82	Resp:	2227
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	43.8	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

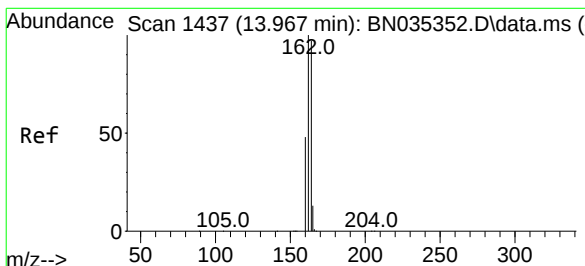
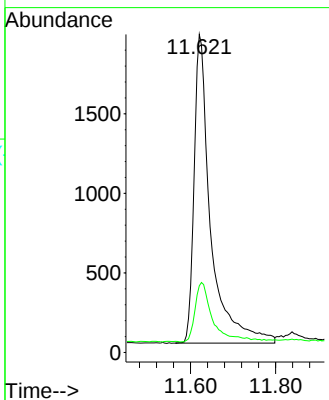
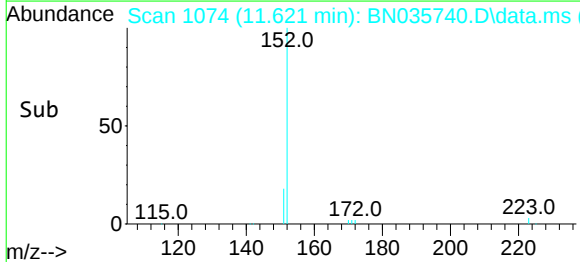
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



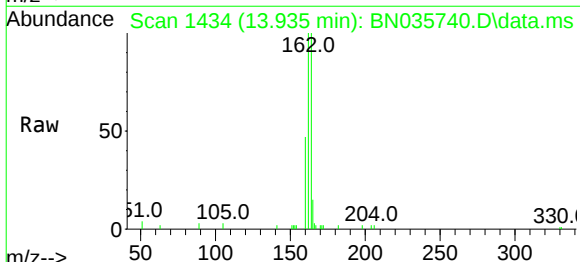
Tgt Ion:152 Resp: 5239
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0

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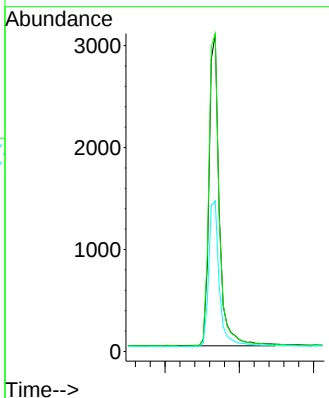
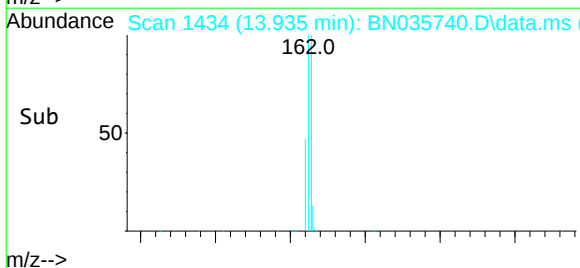
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

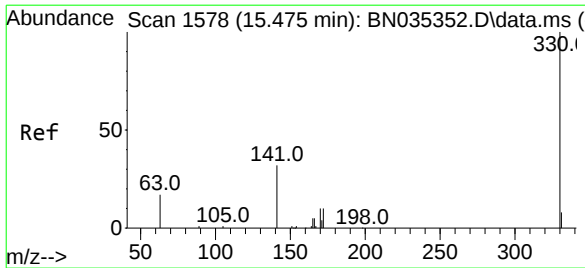


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05



Tgt Ion:164 Resp: 5875
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 47.5 40.1 60.1





#14

2,4,6-Tribromophenol

Concen: 0.194 ng

RT: 15.453 min Scan# 15

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210

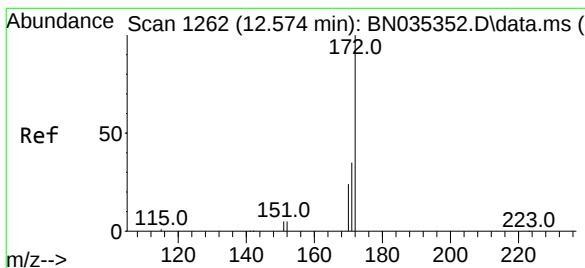
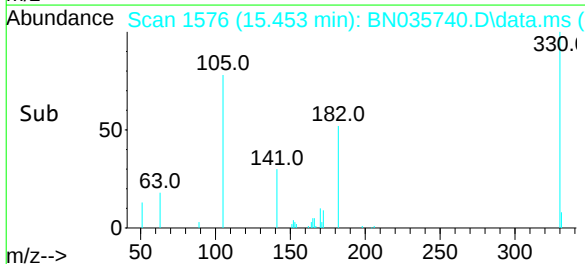
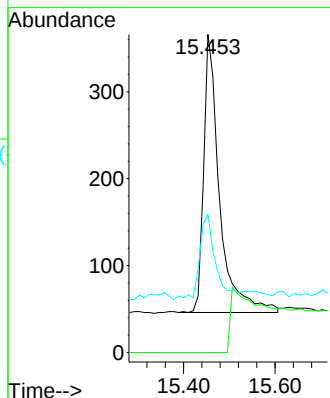
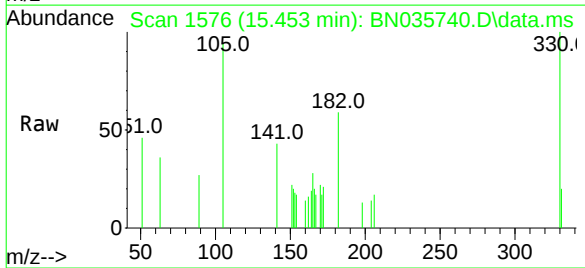
Tgt Ion:	330	Resp:	809
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	30.3	26.6	40.0

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#15

2-Fluorobiphenyl

Concen: 0.346 ng

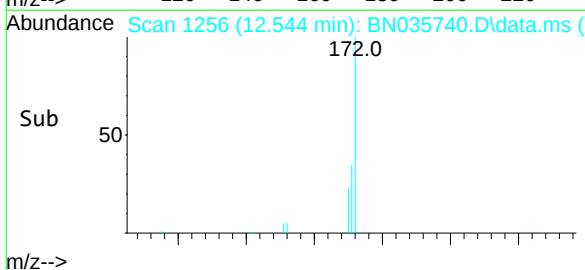
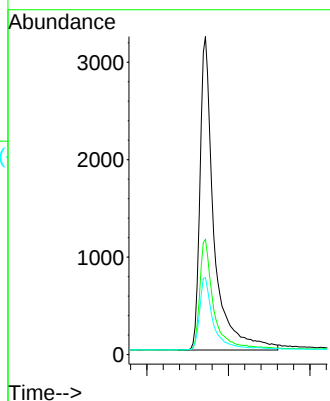
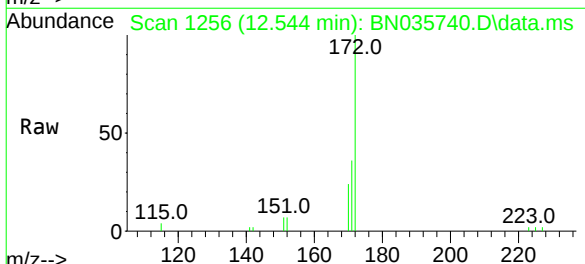
RT: 12.544 min Scan# 1256

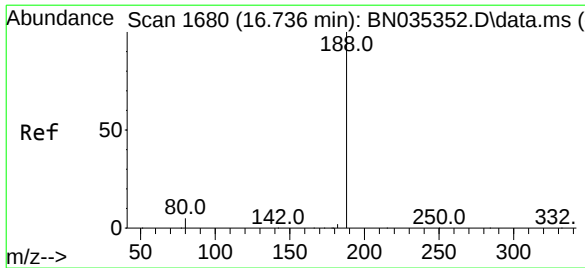
Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Tgt Ion:	172	Resp:	7690
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.4
170	24.2	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 16

Delta R.T. 0.012 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210

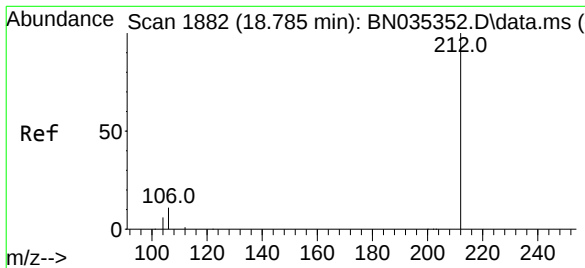
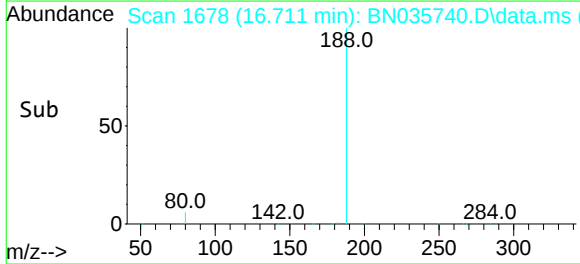
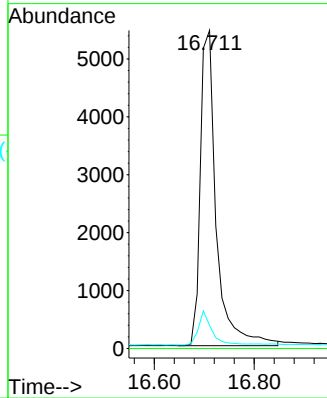
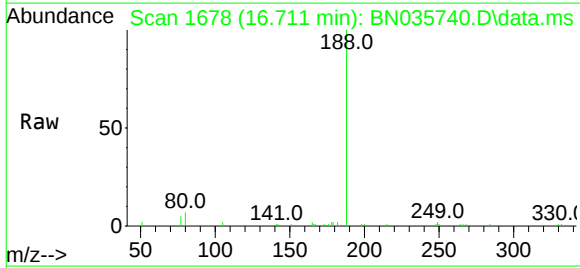
Tgt Ion:	188	Resp:	12041
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.3	4.6	6.8#

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.407 ng

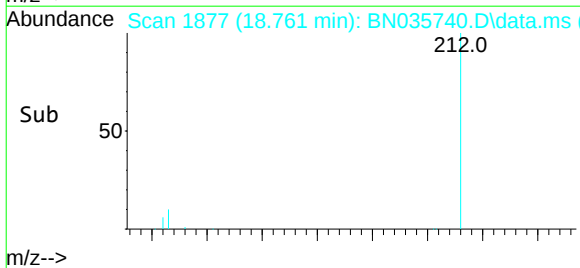
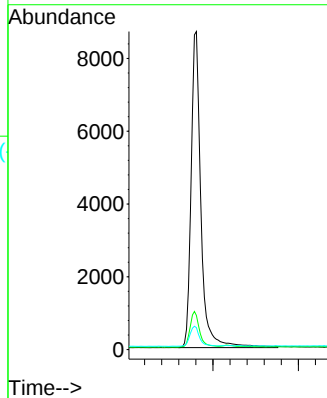
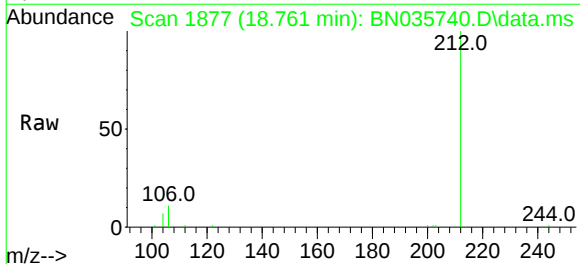
RT: 18.761 min Scan# 1877

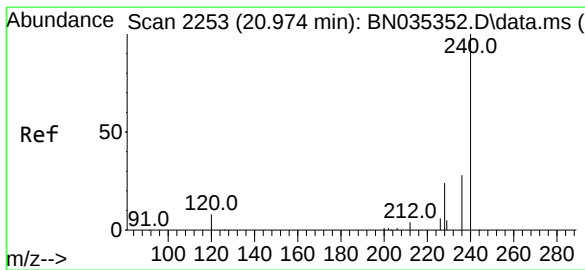
Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

Tgt Ion:	212	Resp:	13888
Ion Ratio	Lower	Upper	
212	100		
106	10.8	9.2	13.8
104	6.2	5.3	7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 22

Delta R.T. -0.000 min

Lab File: BN035740.D

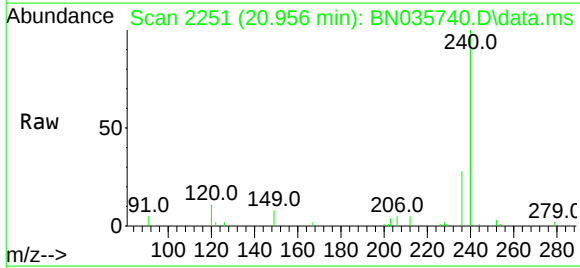
Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210



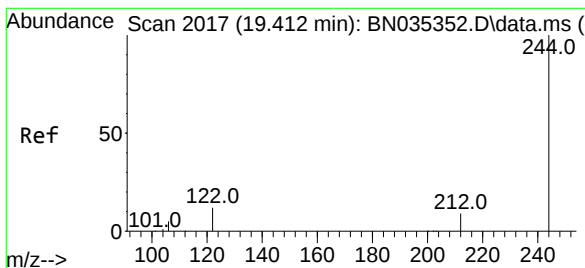
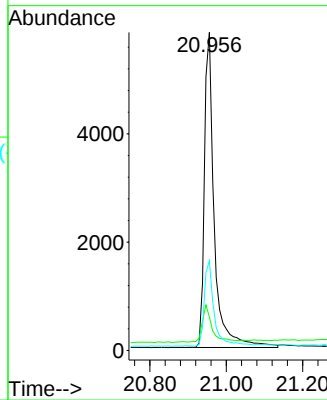
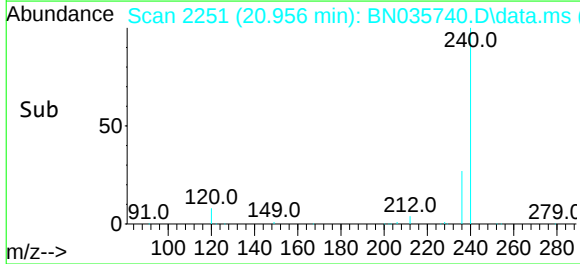
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.9	11.9
236	28.2	22.9	34.3

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

Concen: 0.520 ng

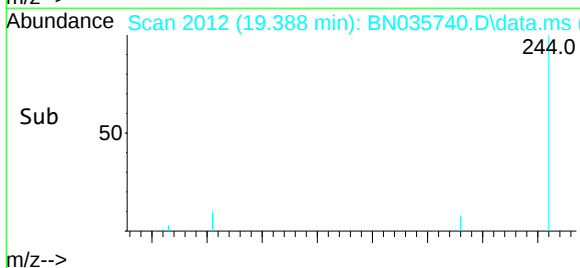
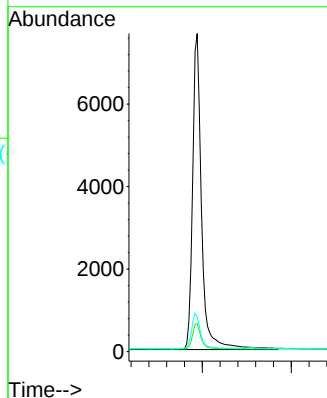
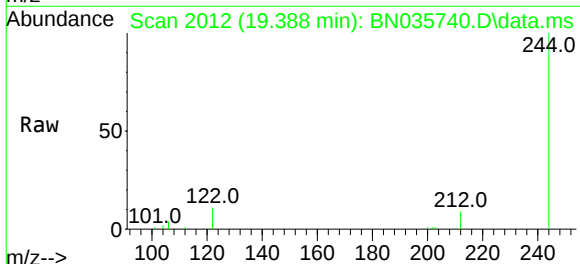
RT: 19.388 min Scan# 2012

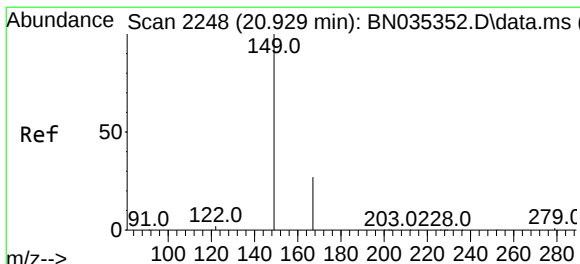
Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

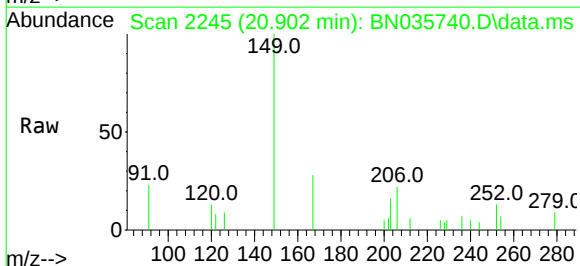
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.1	12.1
122	11.0	10.3	15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 20.902 min Scan# 2248
 Delta R.T. -0.009 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

Instrument : BNA_N
 ClientSampleId : RE120D3-20241210

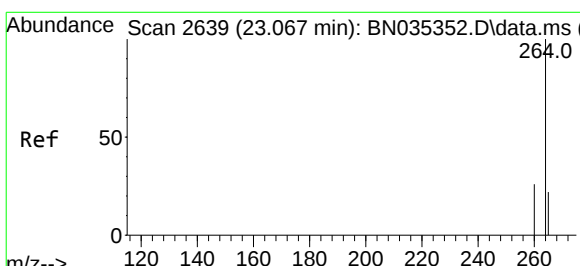
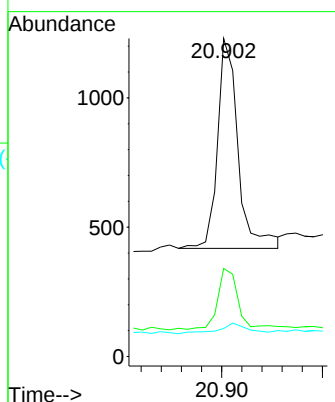
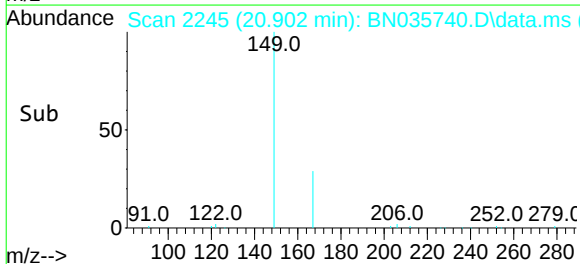


Tgt Ion: 149 Resp: 1150

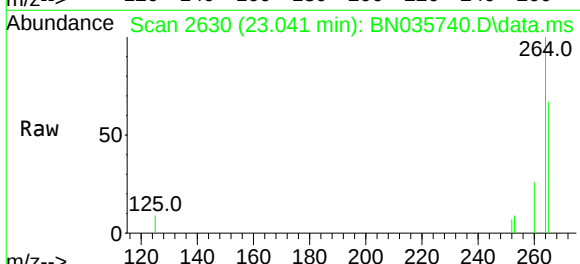
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	7.0	2.7	4.1

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 12/21/2024
 Supervised By : mohammad ahmed 12/24/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.041 min Scan# 2630
 Delta R.T. -0.000 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05



Tgt Ion: 264 Resp: 10600

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.4	32.2
265	66.8	40.2	60.4

