

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034267.D
 Acq On : 27 Sep 2024 06:45
 Operator : RC/JU
 Sample : P4164-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20240920

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 07:13:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4544	0.400	ng	0.00
7) Naphthalene-d8	10.148	136	12051	0.400	ng	# 0.00
13) Acenaphthene-d10	14.040	164	6032	0.400	ng	0.00
19) Phenanthrene-d10	16.796	188	10716	0.400	ng	# 0.00
29) Chrysene-d12	21.017	240	7265	0.400	ng	0.00
35) Perylene-d12	23.130	264	7133	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1793	0.139	ng	0.00
5) Phenol-d6	6.600	99	1108	0.074	ng	0.00
8) Nitrobenzene-d5	8.536	82	2935	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	11.754	152	6247	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	324	0.119	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	8671	0.353	ng	0.00
27) Fluoranthene-d10	18.843	212	10382	0.384	ng	0.00
31) Terphenyl-d14	19.466	244	6492	0.447	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	16.846	178	758m	0.025	ng	
28) Fluoranthene	18.876	202	780	0.022	ng	# 92

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

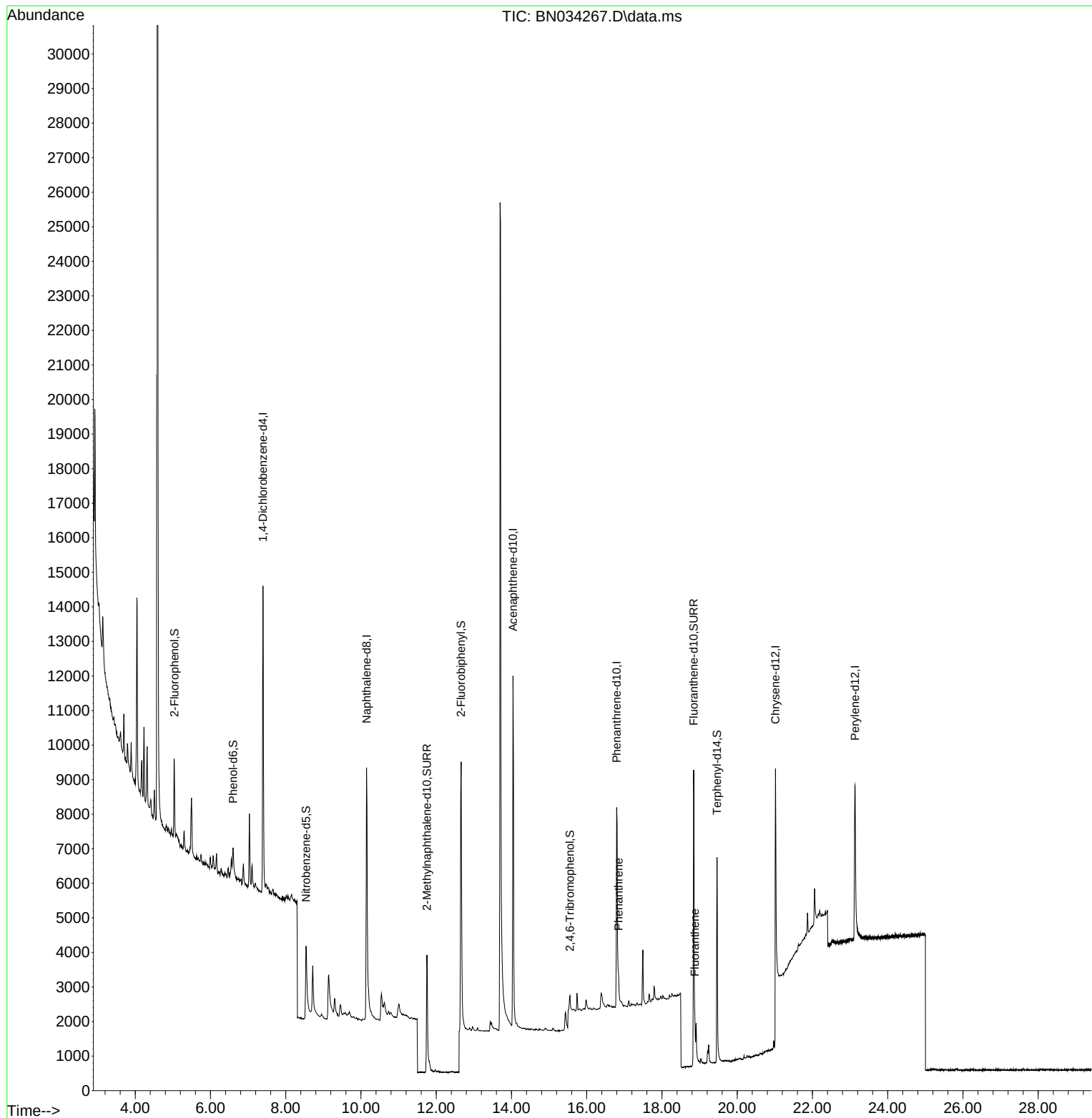
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034267.D
Acq On : 27 Sep 2024 06:45
Operator : RC/JU
Sample : P4164-23
Misc :
ALS Vial : 21 Sample Multiplier: 1

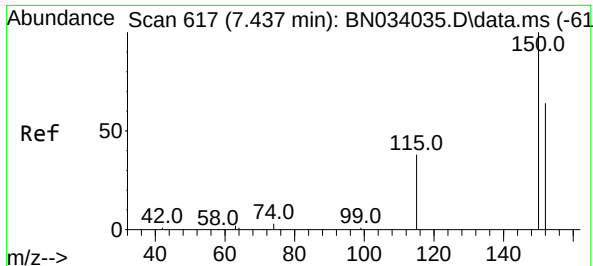
Instrument :
BNA_N
ClientSampleId :
EB02-20240920

Quant Time: Sep 27 07:13:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

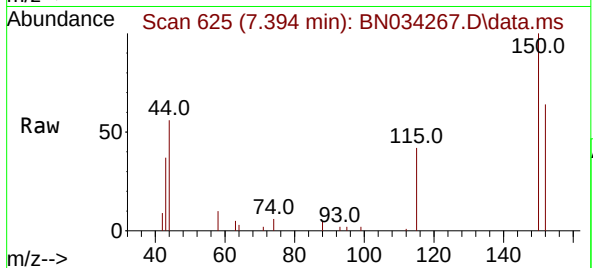
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 617
Delta R.T. 0.000 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

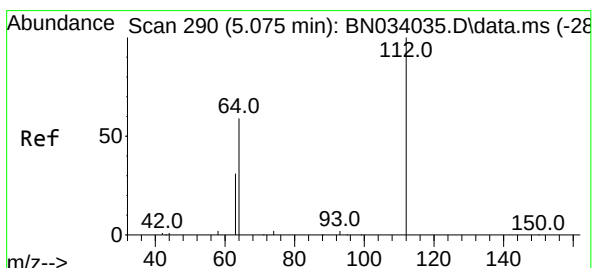
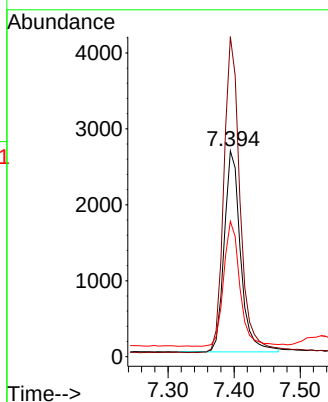
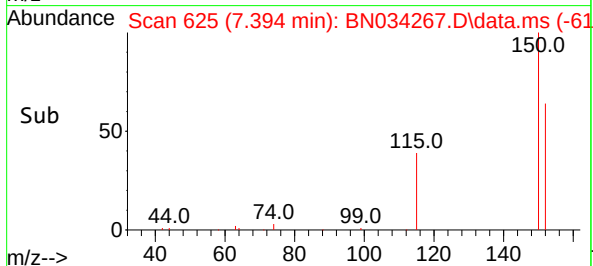
Instrument :
BNA_N
ClientSampleId :
EB02-20240920



Tgt Ion:152 Resp: 4544
Ion Ratio Lower Upper
152 100
150 155.5 124.6 187.0
115 65.8 50.0 75.0

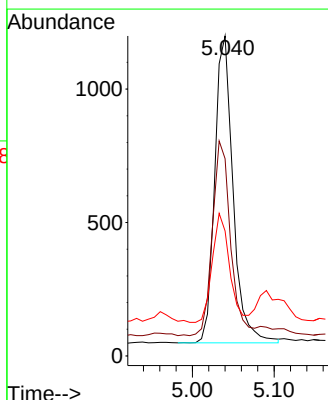
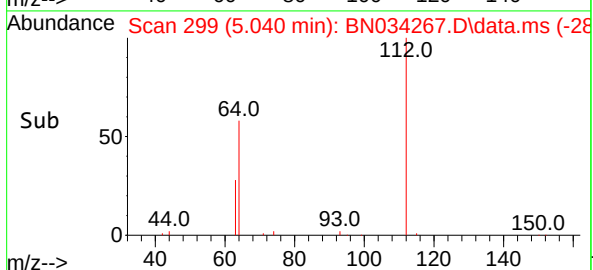
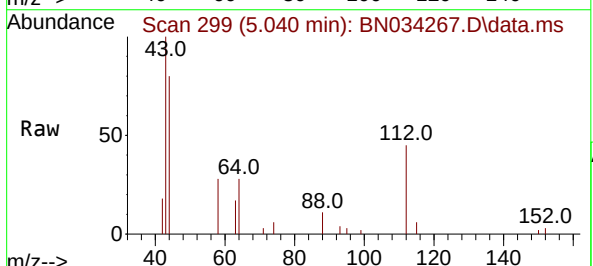
Manual Integrations
APPROVED

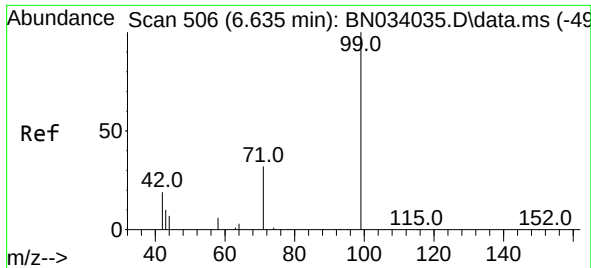
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.040 min Scan# 299
Delta R.T. 0.007 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

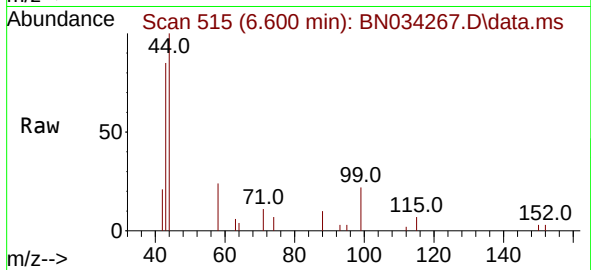
Tgt Ion:112 Resp: 1793
Ion Ratio Lower Upper
112 100
64 62.6 48.6 72.8
63 32.9 25.6 38.4





#5
Phenol-d6
Concen: 0.074 ng
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

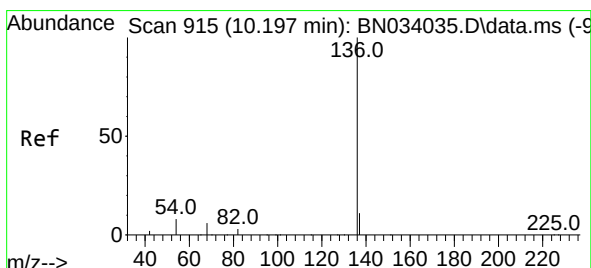
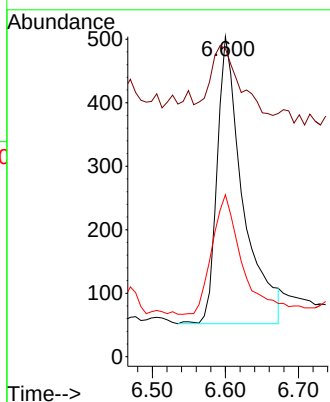
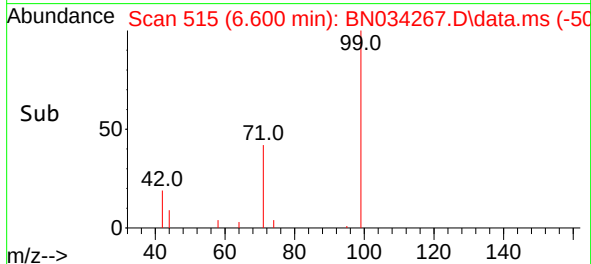
Instrument :
BNA_N
ClientSampleId :
EB02-20240920



Tgt Ion: 99 Resp: 1108
Ion Ratio Lower Upper
99 100
42 26.1 17.8 26.8
71 47.2 26.2 39.2

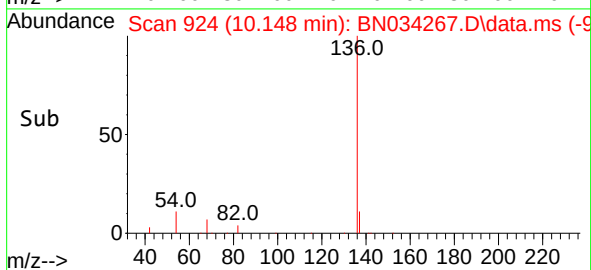
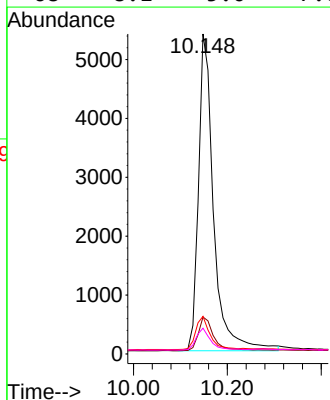
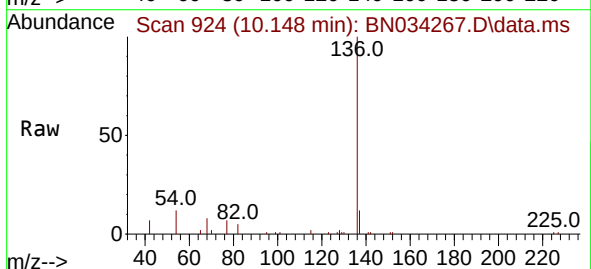
Manual Integrations
APPROVED

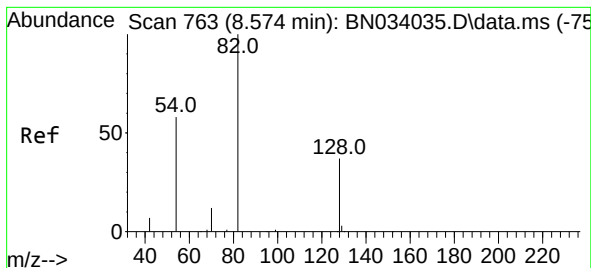
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.148 min Scan# 924
Delta R.T. 0.000 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

Tgt Ion:136 Resp: 12051
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 11.7 6.8 10.2#
68 8.1 5.0 7.6#





#8

Nitrobenzene-d5

Concen: 0.318 ng

RT: 8.536 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN034267.D

Acq: 27 Sep 2024 06:45

Instrument :

BNA_N

ClientSampleId :

EB02-20240920

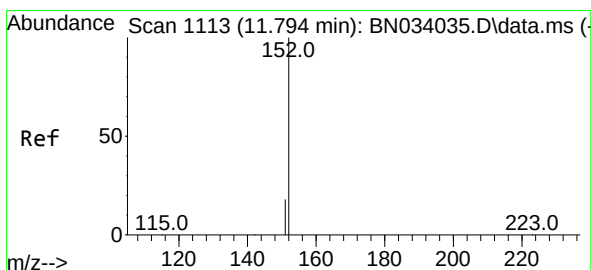
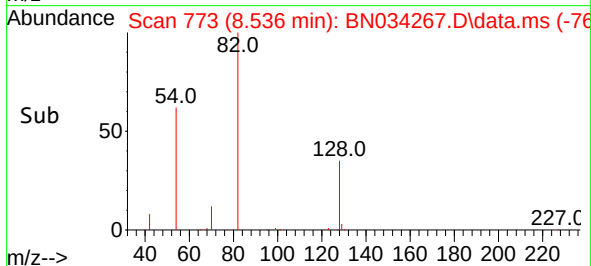
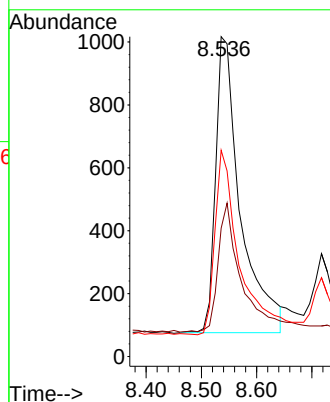
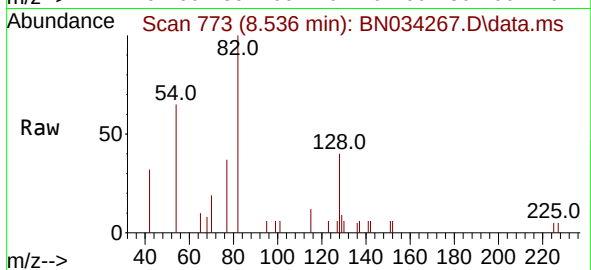
Tgt Ion:	82	Resp:	293
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.4	47.2
54	64.5	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

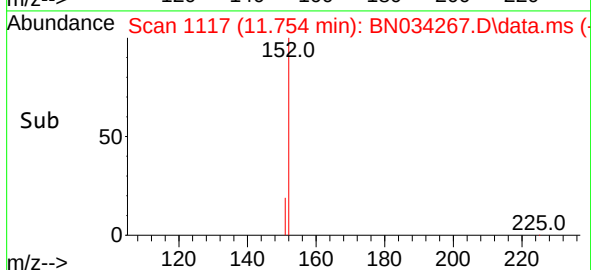
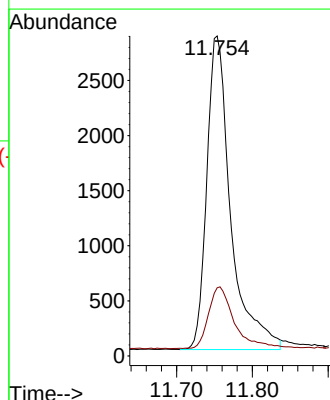
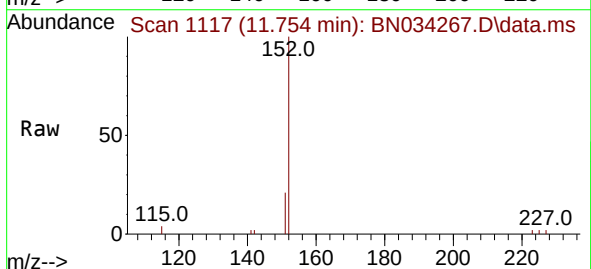
RT: 11.754 min Scan# 1117

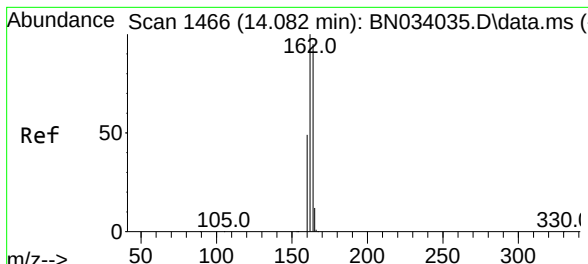
Delta R.T. 0.000 min

Lab File: BN034267.D

Acq: 27 Sep 2024 06:45

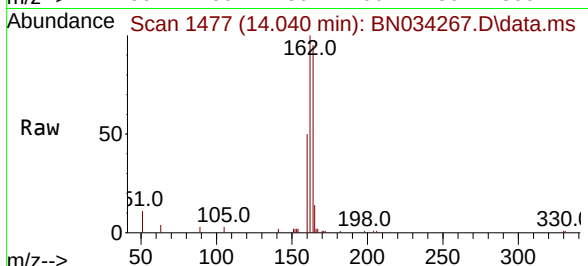
Tgt Ion:	152	Resp:	6247
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.8	25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.040 min Scan# 14
Delta R.T. -0.007 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

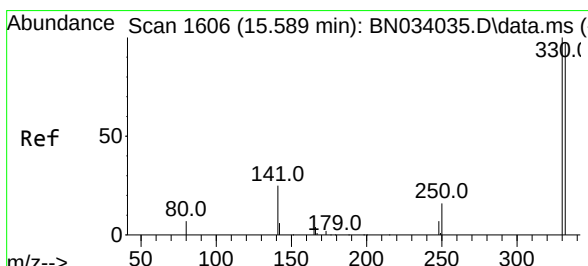
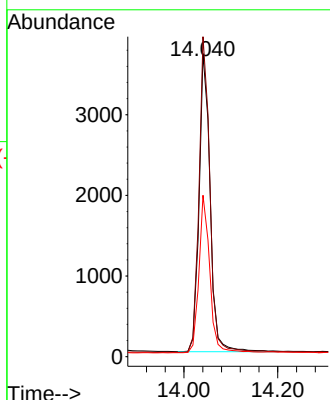
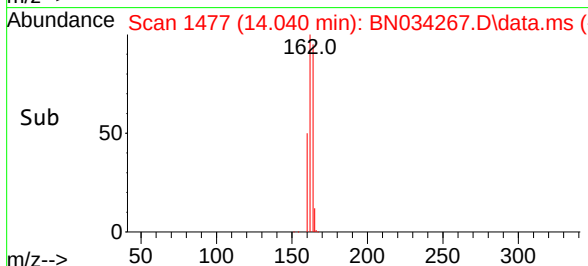
Instrument :
BNA_N
ClientSampleId :
EB02-20240920



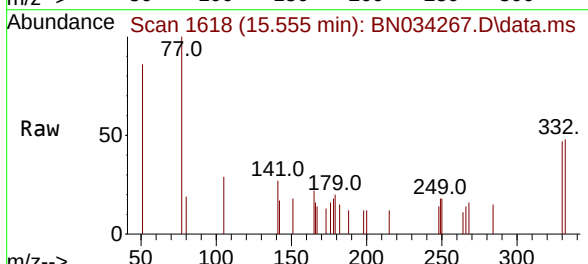
Tgt Ion:164 Resp: 603
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.2
160 53.3 41.7 62.5

Manual Integrations
APPROVED

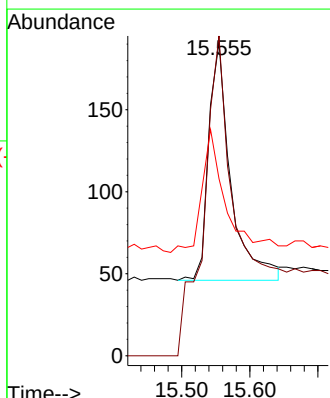
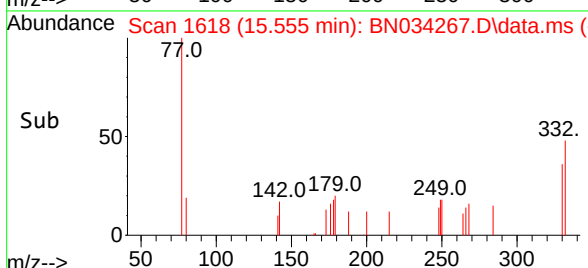
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

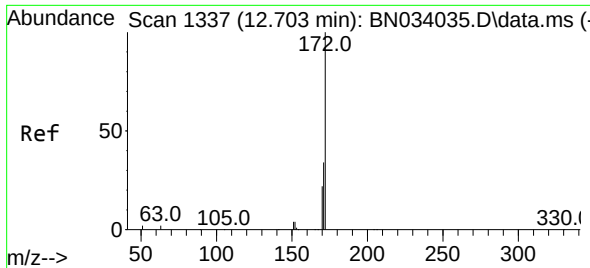


#14
2,4,6-Tribromophenol
Concen: 0.119 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45



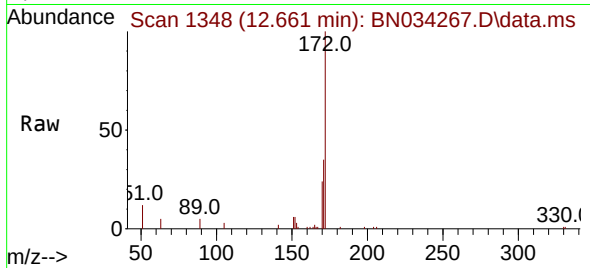
Tgt Ion:330 Resp: 324
Ion Ratio Lower Upper
330 100
332 219.8 77.4 116.0#
141 55.2 35.9 53.9#





#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.661 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

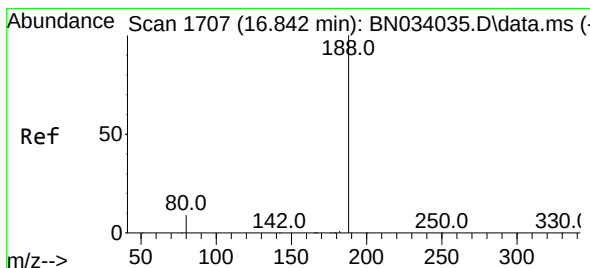
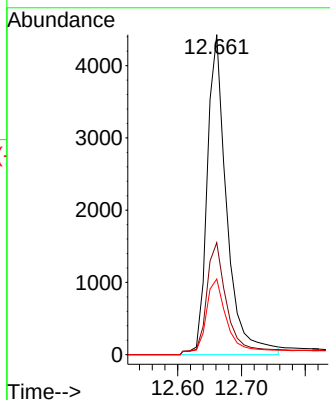
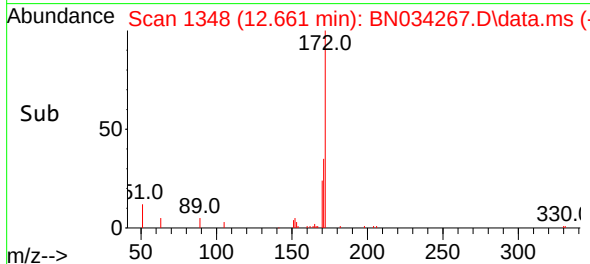
Instrument :
BNA_N
ClientSampleId :
EB02-20240920



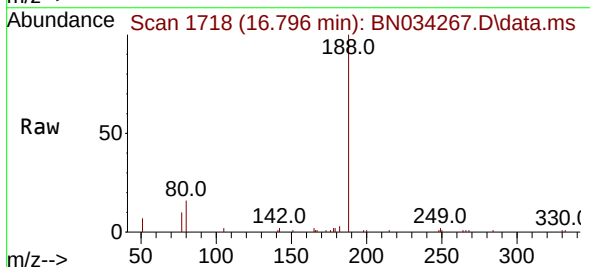
Tgt Ion:172 Resp: 867
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 23.7 18.1 27.1

Manual Integrations
APPROVED

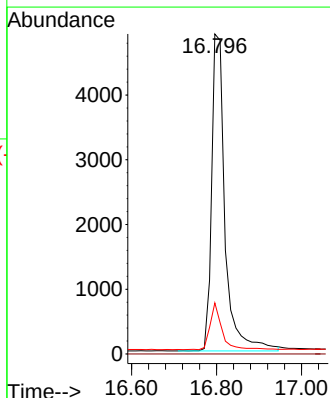
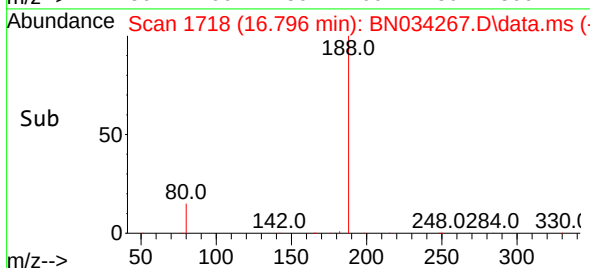
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

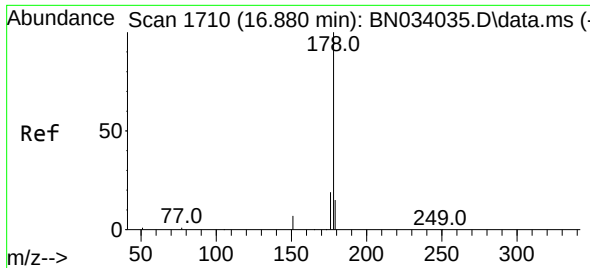


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45



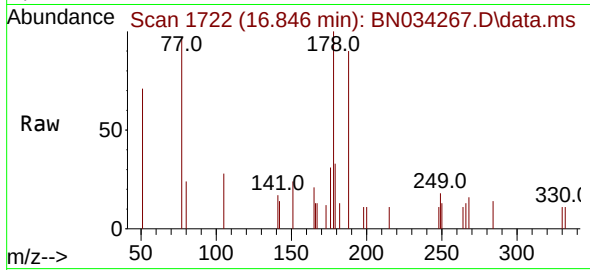
Tgt Ion:188 Resp: 10716
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 7.4 11.0#





#25
Phenanthrene
Concen: 0.025 ng m
RT: 16.846 min Scan# 1710
Delta R.T. 0.006 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

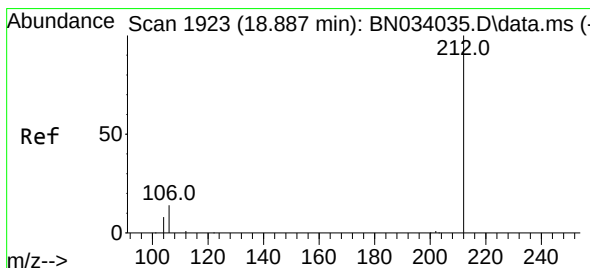
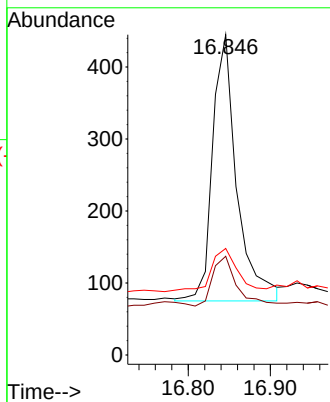
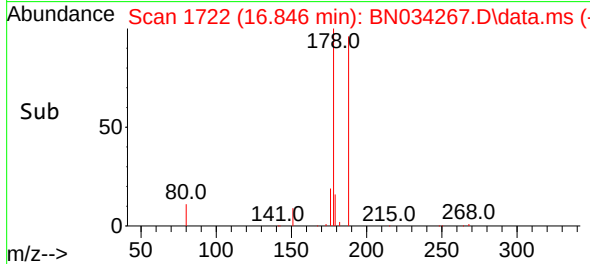
Instrument :
BNA_N
ClientSampleId :
EB02-20240920



Tgt Ion:178 Resp: 758
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 17.2 12.1 18.1

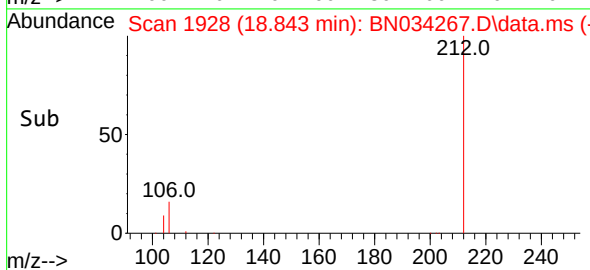
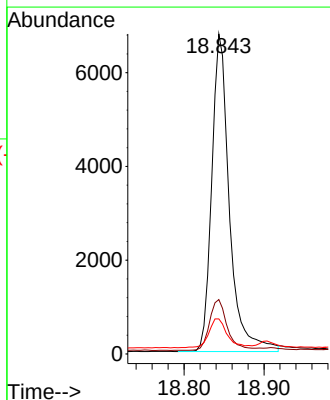
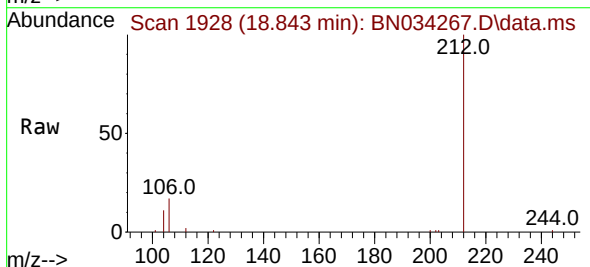
Manual Integrations
APPROVED

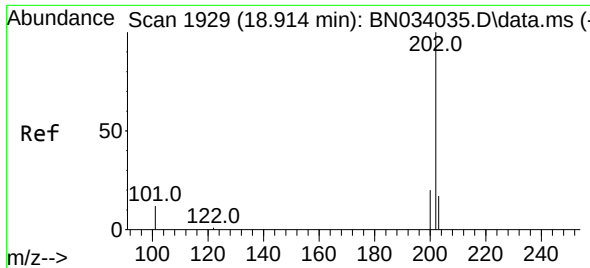
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 18.843 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

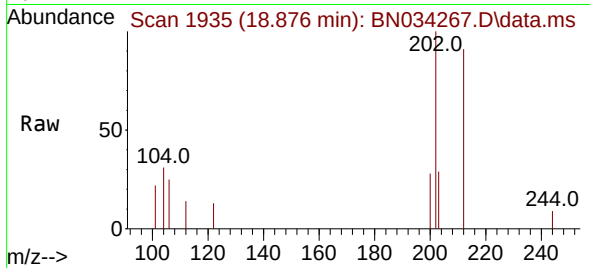
Tgt Ion:212 Resp: 10382
Ion Ratio Lower Upper
212 100
106 16.0 13.4 20.2
104 9.8 7.8 11.6





#28
Fluoranthene
Concen: 0.022 ng
RT: 18.876 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45

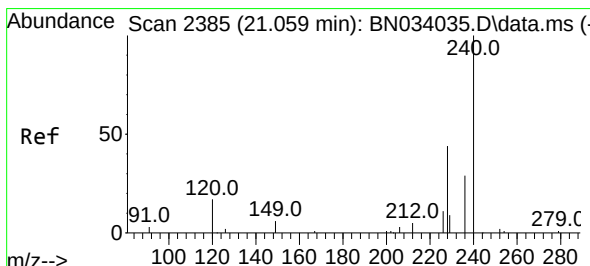
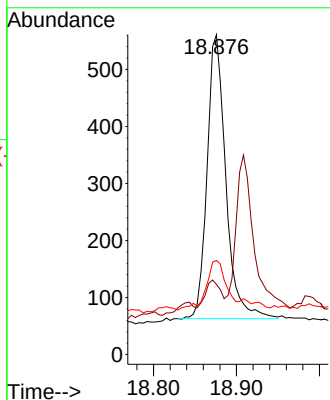
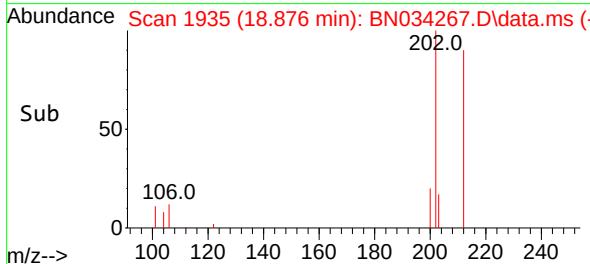
Instrument :
BNA_N
ClientSampleId :
EB02-20240920



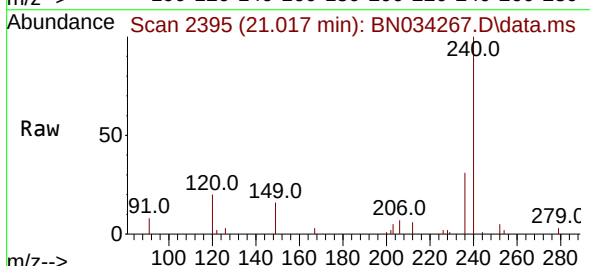
Tgt Ion:202 Resp: 780
Ion Ratio Lower Upper
202 100
101 7.9 10.1 15.1
203 19.1 13.6 20.4

Manual Integrations
APPROVED

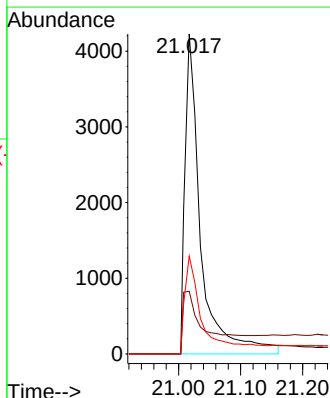
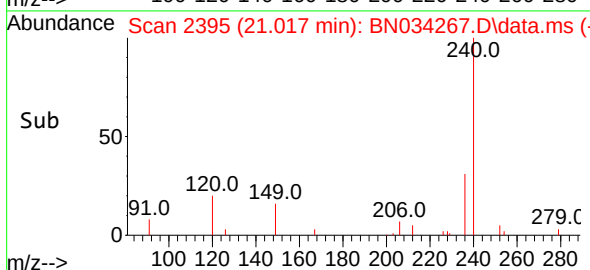
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

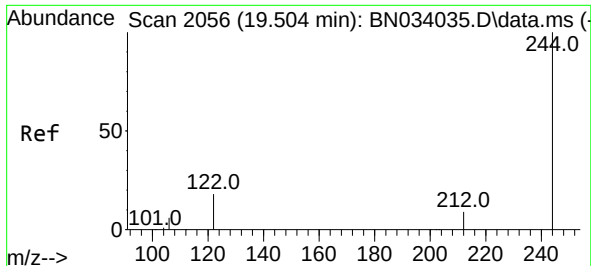


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.003 min
Lab File: BN034267.D
Acq: 27 Sep 2024 06:45



Tgt Ion:240 Resp: 7265
Ion Ratio Lower Upper
240 100
120 19.6 13.5 20.3
236 30.6 23.4 35.0





#31
 Terphenyl-d14
 Concen: 0.447 ng
 RT: 19.466 min Scan# 2056
 Delta R.T. -0.002 min
 Lab File: BN034267.D
 Acq: 27 Sep 2024 06:45

Instrument :

BNA_N

ClientSampleId :

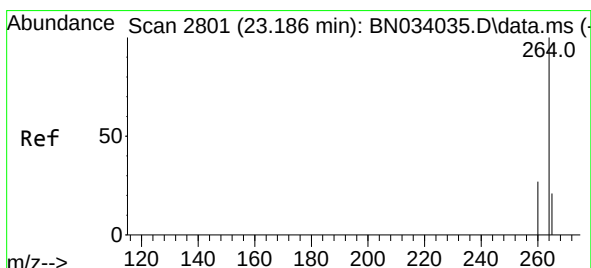
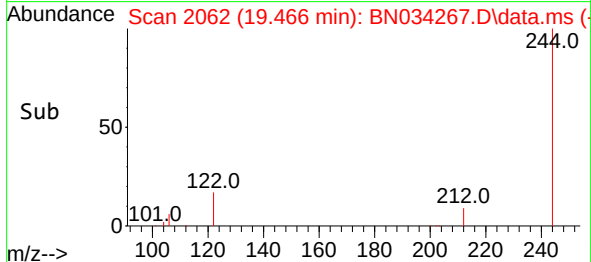
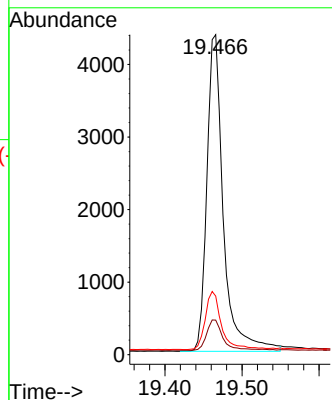
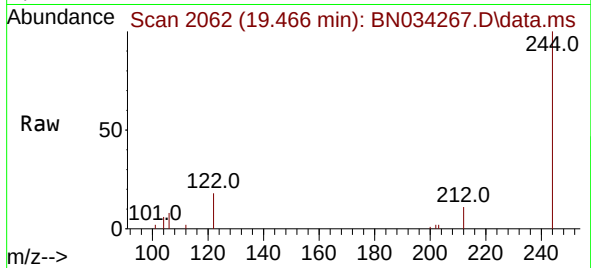
EB02-20240920

Tgt Ion:244 Resp: 6492
 Ion Ratio Lower Upper
 244 100
 212 10.8 7.8 11.6
 122 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.130 min Scan# 2798
 Delta R.T. 0.002 min
 Lab File: BN034267.D
 Acq: 27 Sep 2024 06:45

Tgt Ion:264 Resp: 7133
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 103.6 52.1 78.1#

