

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035420.D
 Acq On : 07 Jun 2022 20:20
 Operator : CG/JU
 Sample : N3202-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 08 04:08:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	99648	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	368896	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	241063	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	509046	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	549811	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	607492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	282818	59.639	ng	0.00
7) Phenol-d6	7.028	99	203291	31.384	ng	0.00
23) Nitrobenzene-d5	9.004	82	477531	82.195	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	511259	132.184	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1475272	87.898	ng	0.00
79) Terphenyl-d14	19.856	244	2371058	85.917	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.839	122	11420m	2.501	ng	
31) Naphthalene	10.692	128	1322465	73.988	ng	99
37) 2-Methylnaphthalene	12.304	142	89856	6.662	ng	95
38) 1-Methylnaphthalene	12.521	142	187255	14.167	ng	99

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

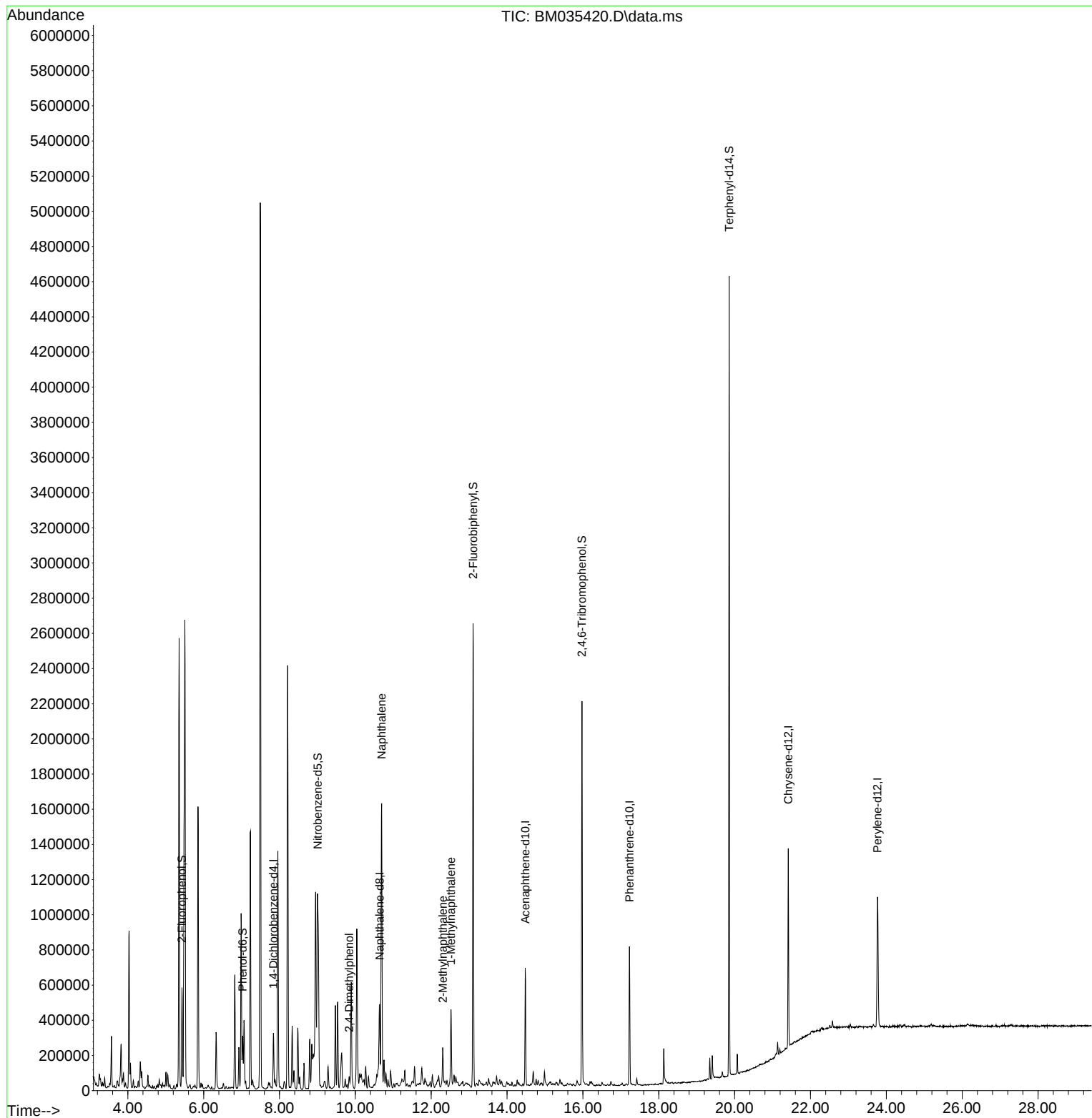
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035420.D
Acq On : 07 Jun 2022 20:20
Operator : CG/JU
Sample : N3202-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

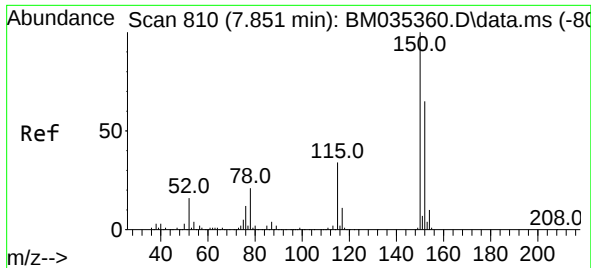
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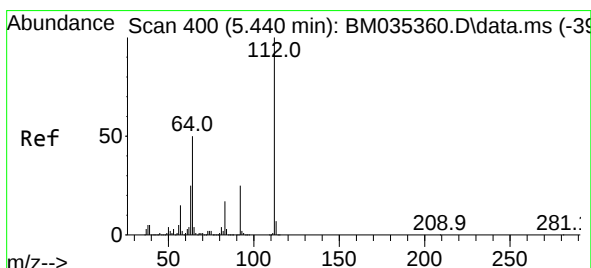
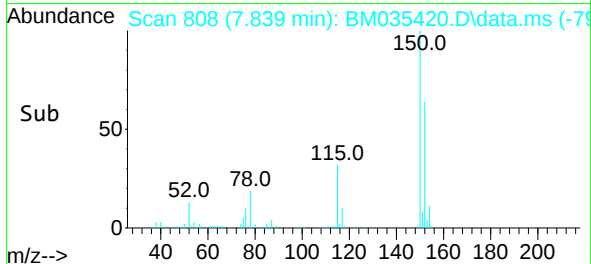
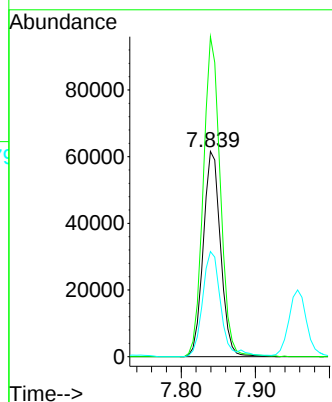
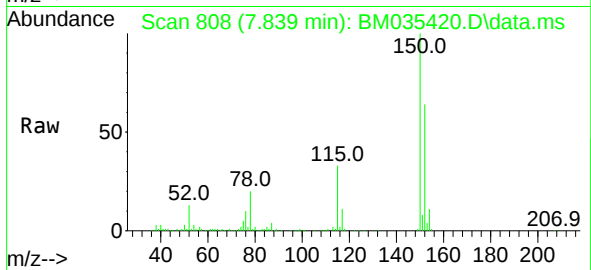
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Instrument :
BNA_M
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 9964
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 51.2 47.9 71.9

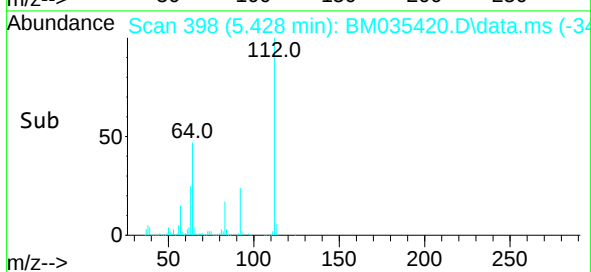
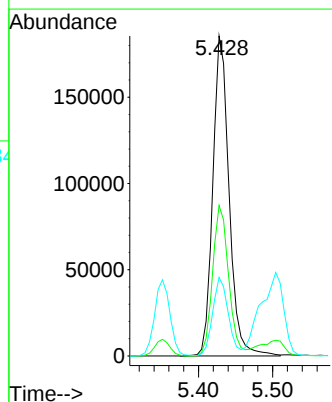
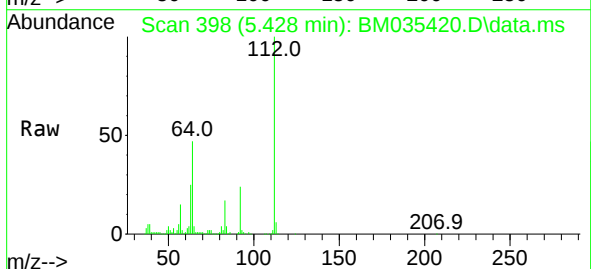
Manual Integrations
APPROVED

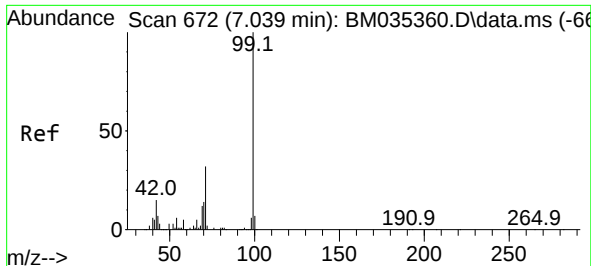
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#5
2-Fluorophenol
Concen: 59.639 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

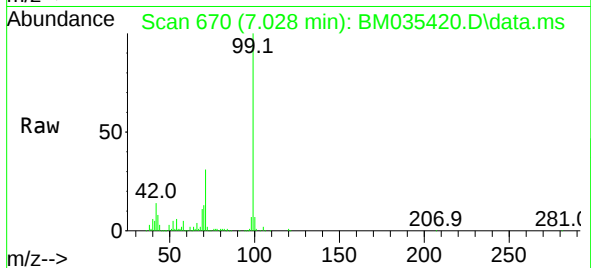
Tgt Ion:112 Resp: 282818
Ion Ratio Lower Upper
112 100
64 47.1 47.8 71.6#
63 24.6 26.6 40.0#





#7
Phenol-d6
Concen: 31.384 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

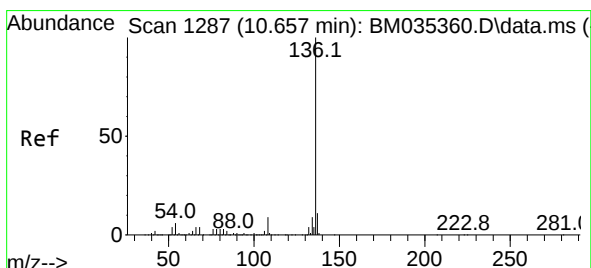
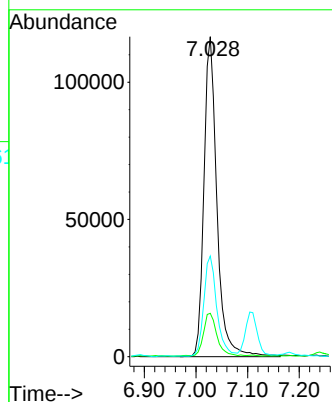
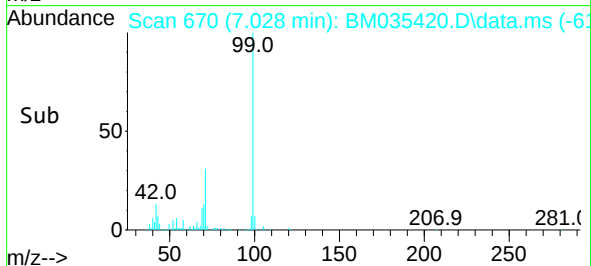
Instrument :
BNA_M
ClientSampleId :
MW-14



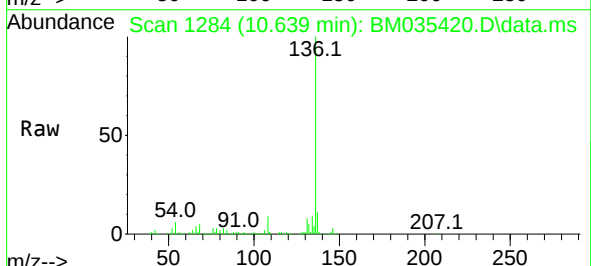
Tgt Ion: 99 Resp: 20329
Ion Ratio Lower Upper
99 100
42 13.6 18.8 28.2
71 31.5 30.2 45.2

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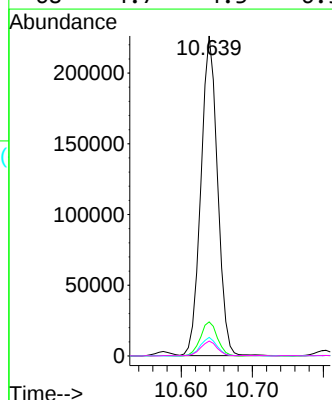
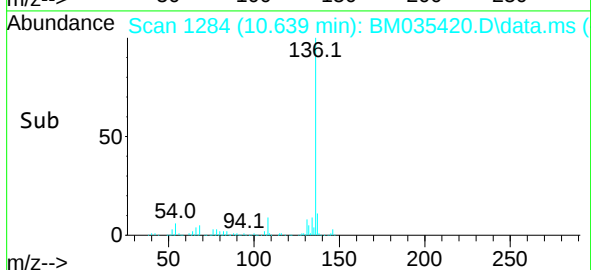
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

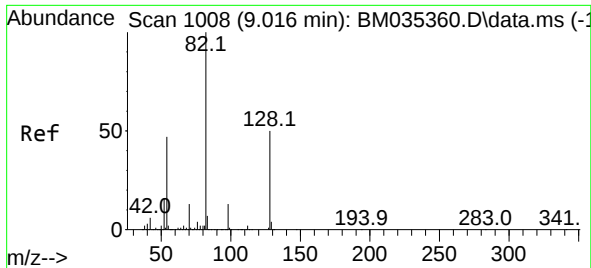


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20



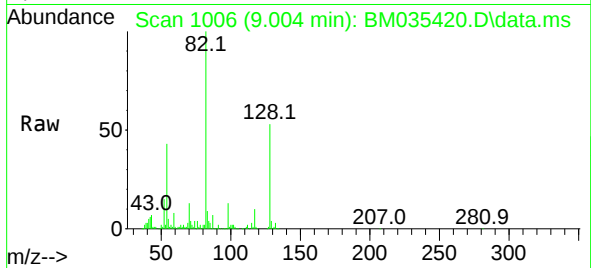
Tgt Ion:136 Resp: 368896
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 5.8 7.0 10.4
68 4.7 4.3 6.5





#23
Nitrobenzene-d5
Concen: 82.195 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

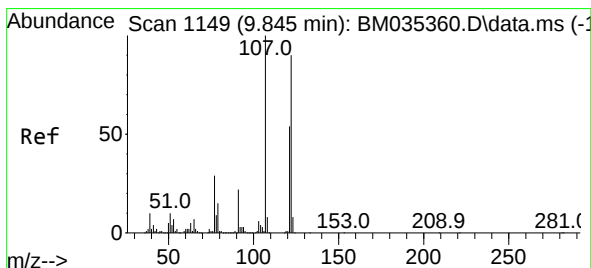
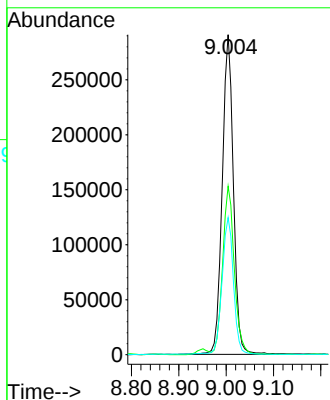
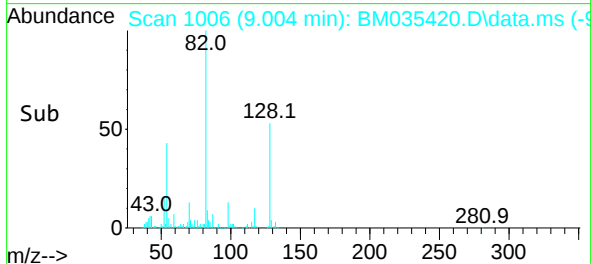
Instrument :
BNA_M
ClientSampleId :
MW-14



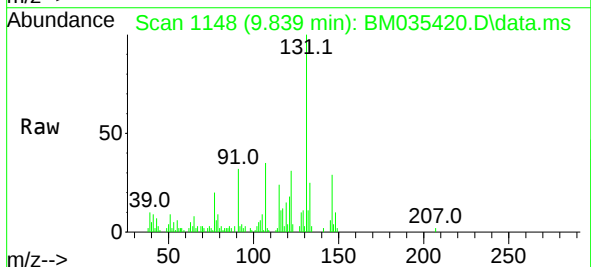
Tgt Ion: 82 Resp: 47753
Ion Ratio Lower Upper
82 100
128 52.6 33.7 50.5
54 42.8 43.2 64.8

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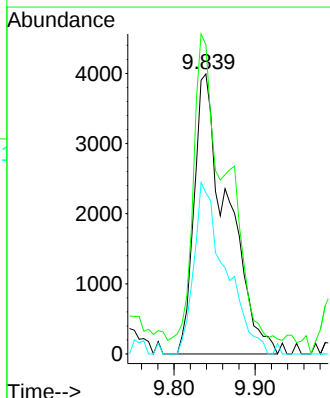
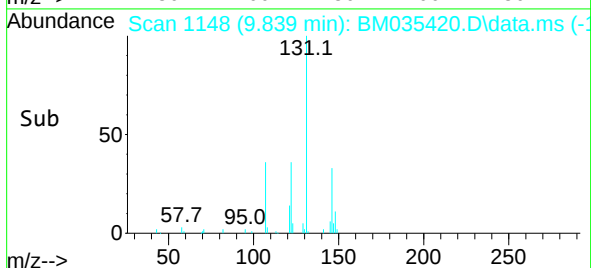
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

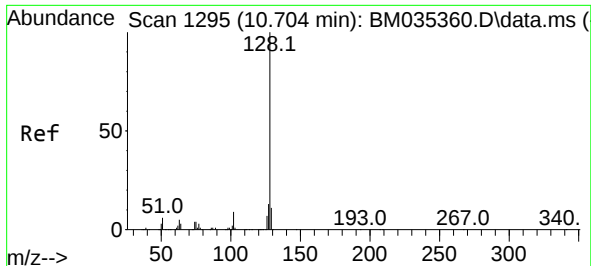


#27
2,4-Dimethylphenol
Concen: 2.501 ng m
RT: 9.839 min Scan# 1148
Delta R.T. 0.011 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20



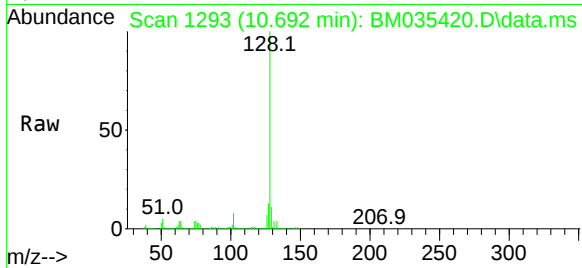
Tgt Ion:122 Resp: 11420
Ion Ratio Lower Upper
122 100
107 110.5 92.4 138.6
121 57.5 47.4 71.0





#31
Naphthalene
Concen: 73.988 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

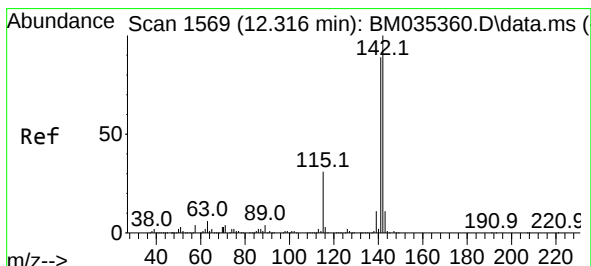
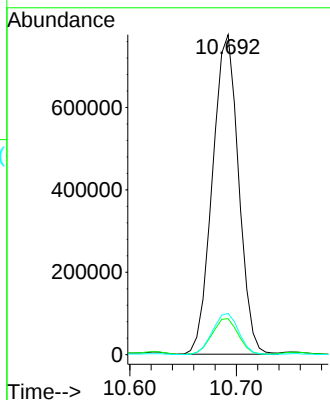
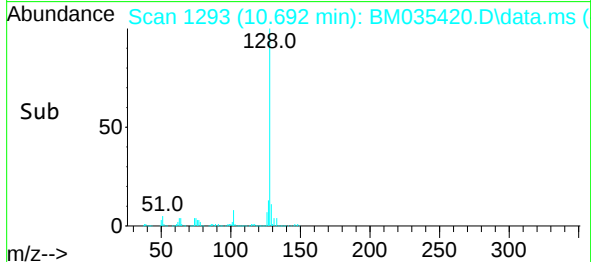
Instrument :
BNA_M
ClientSampleId :
MW-14



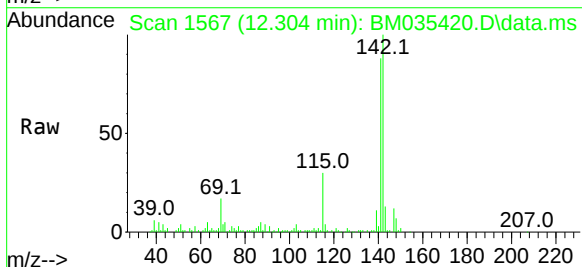
Tgt Ion:128 Resp: 132246
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.9 10.6 16.0

Manual Integrations
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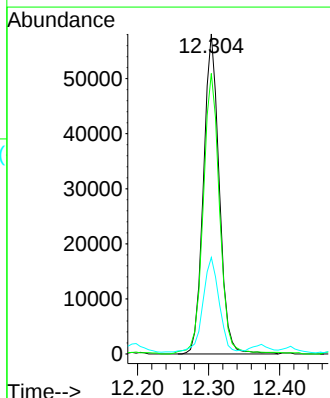
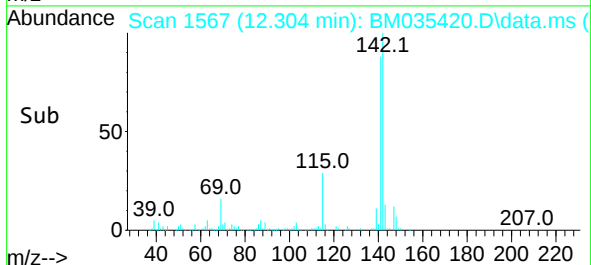
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

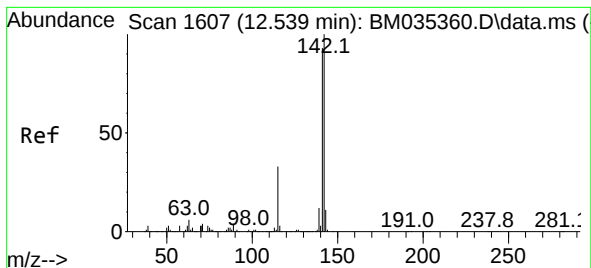


#37
2-Methylnaphthalene
Concen: 6.662 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20



Tgt Ion:142 Resp: 89856
Ion Ratio Lower Upper
142 100
141 87.6 72.4 108.6
115 30.2 29.6 44.4





#38

1-Methylnaphthalene

Concen: 14.167 ng

RT: 12.521 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035420.D

Acq: 07 Jun 2022 20:20

Instrument :

BNA_M

ClientSampleId :

MW-14

Tgt Ion:142 Resp: 18725

Ion Ratio Lower Upper

142 100

141 92.9 75.0 112.4

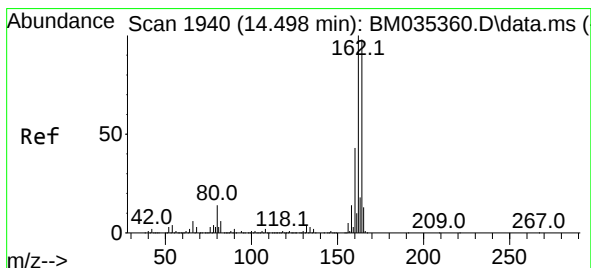
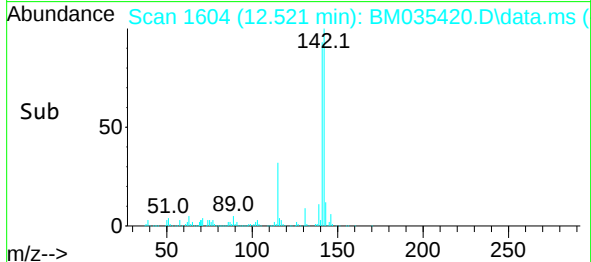
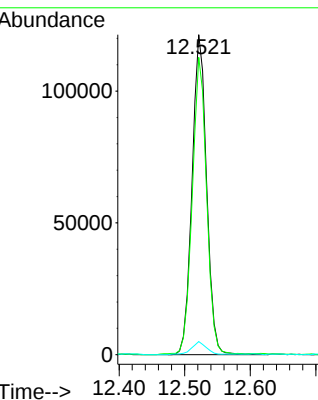
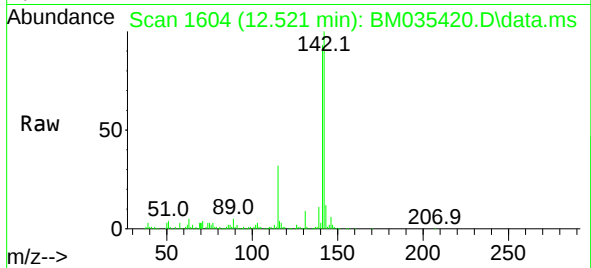
116 4.1 3.4 5.2

Manual Integrations

APPROVED

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM035420.D

Acq: 07 Jun 2022 20:20

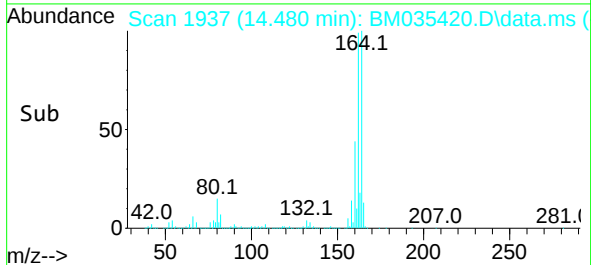
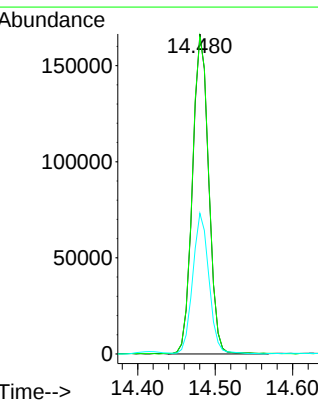
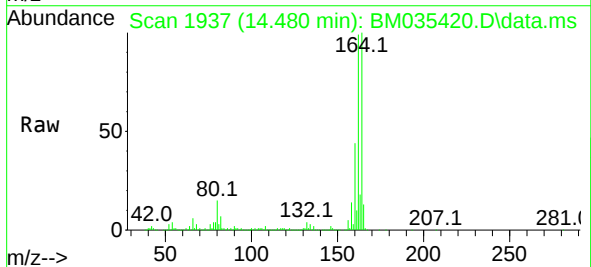
Tgt Ion:164 Resp: 241063

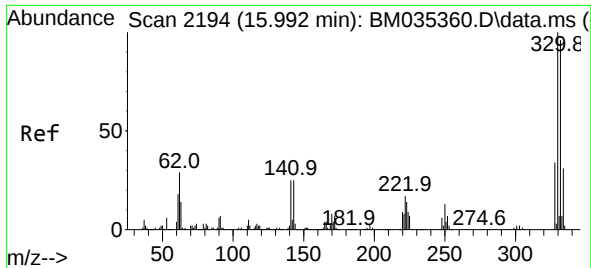
Ion Ratio Lower Upper

164 100

162 99.2 83.0 124.6

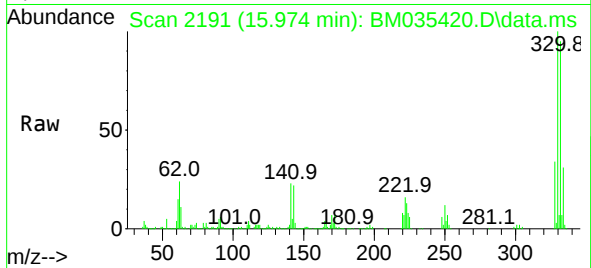
160 43.9 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 132.184 ng
RT: 15.974 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

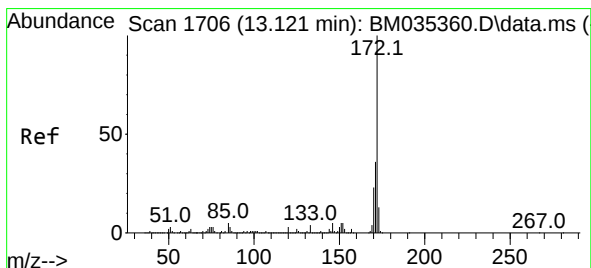
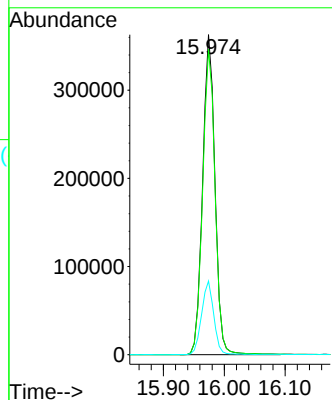
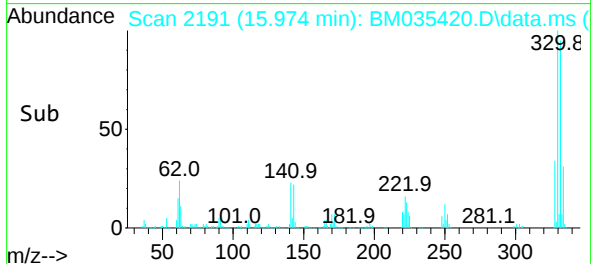
Instrument :
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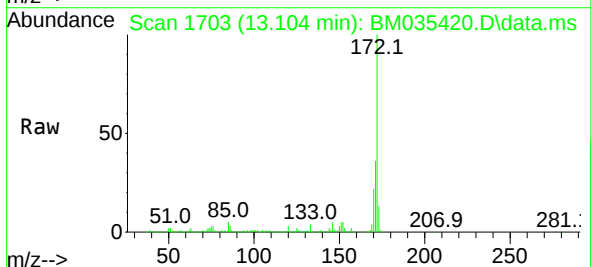
Tgt Ion:330 Resp: 511259
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 22.6 35.3 52.9

Manual Integrations
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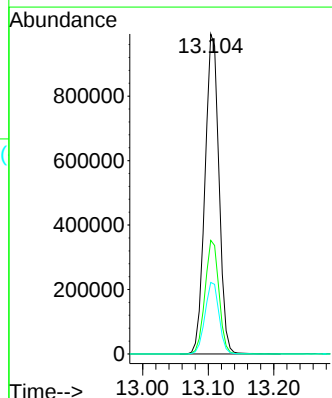
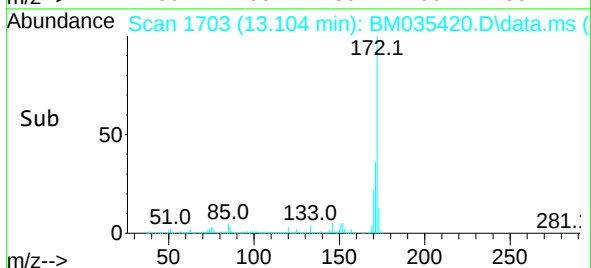
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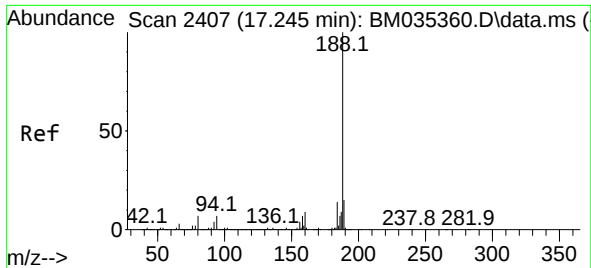


#45
2-Fluorobiphenyl
Concen: 87.898 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20



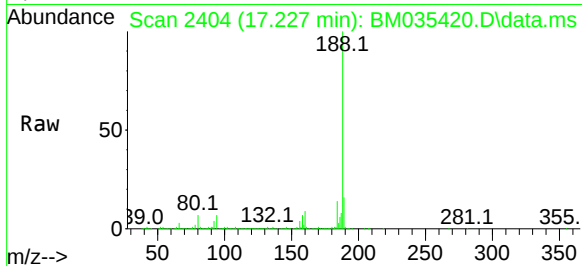
Tgt Ion:172 Resp: 1475272
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

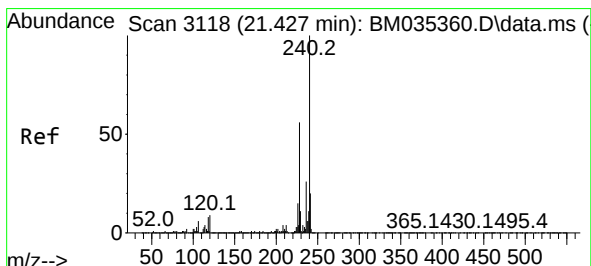
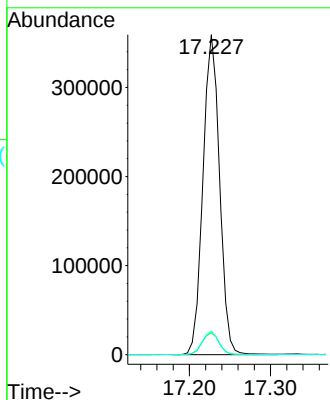
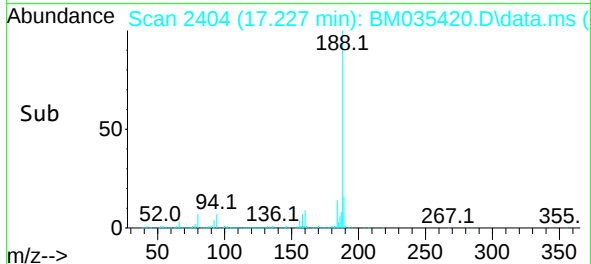
Instrument :
BNA_M
ClientSampleId :
MW-14



Tgt Ion:188 Resp: 509040
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4
80 7.3 7.6 11.4

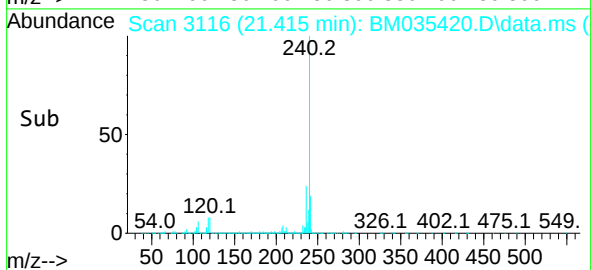
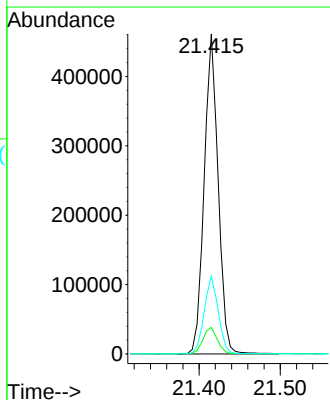
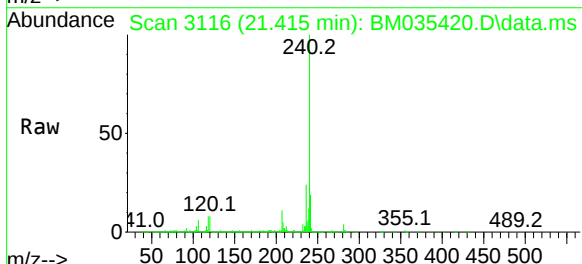
Manual Integrations
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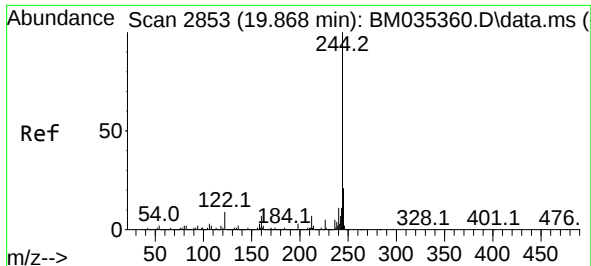
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

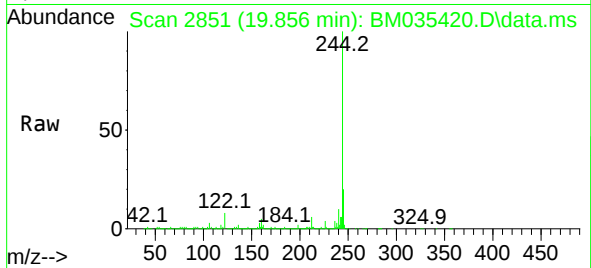
Tgt Ion:240 Resp: 549811
Ion Ratio Lower Upper
240 100
120 8.3 9.4 14.0
236 24.3 20.6 30.8





#79
Terphenyl-d14
Concen: 85.917 ng
RT: 19.856 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

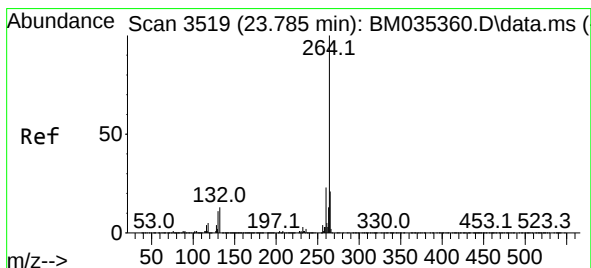
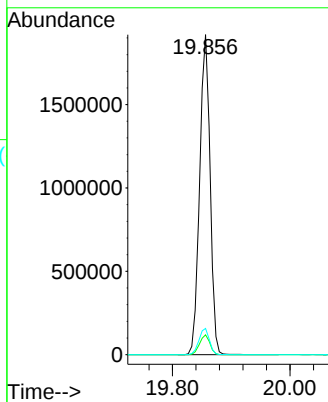
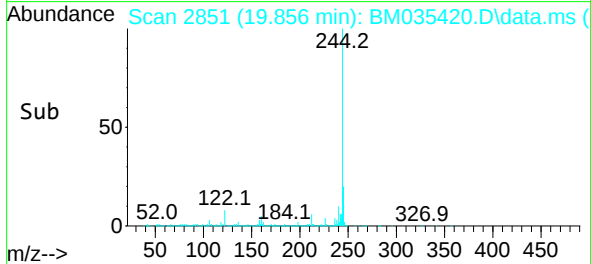
Instrument :
BNA_M
ClientSampleId :
MW-14



Tgt Ion:244 Resp: 2371058
Ion Ratio Lower Upper
244 100
212 6.2 6.2 9.4
122 8.2 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion:264 Resp: 607492
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 22.6 17.5 26.3

