

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024464.D
 Acq On : 22 Mar 2023 02:11
 Operator : CG/JU
 Sample : 01903-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230312

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 04:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	10551	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	30674	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	15580	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	32135	0.400	ng	#-0.01
29) Chrysene-d12	21.583	240	21453	0.400	ng	# 0.00
35) Perylene-d12	24.071	264	16886	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3379	0.145	ng	0.00
5) Phenol-d6	7.188	99	2264	0.075	ng	0.00
8) Nitrobenzene-d5	9.190	82	7723m	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	12999	0.345	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2381	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.286	172	19567	0.332	ng	-0.01
27) Fluoranthene-d10	19.434	212	26814	0.394	ng	0.00
31) Terphenyl-d14	20.025	244	14710	0.407	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	90343	7.869	ng	99
34) Bis(2-ethylhexyl)phtha...	21.485	149	5053	0.150	ng	# 97

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

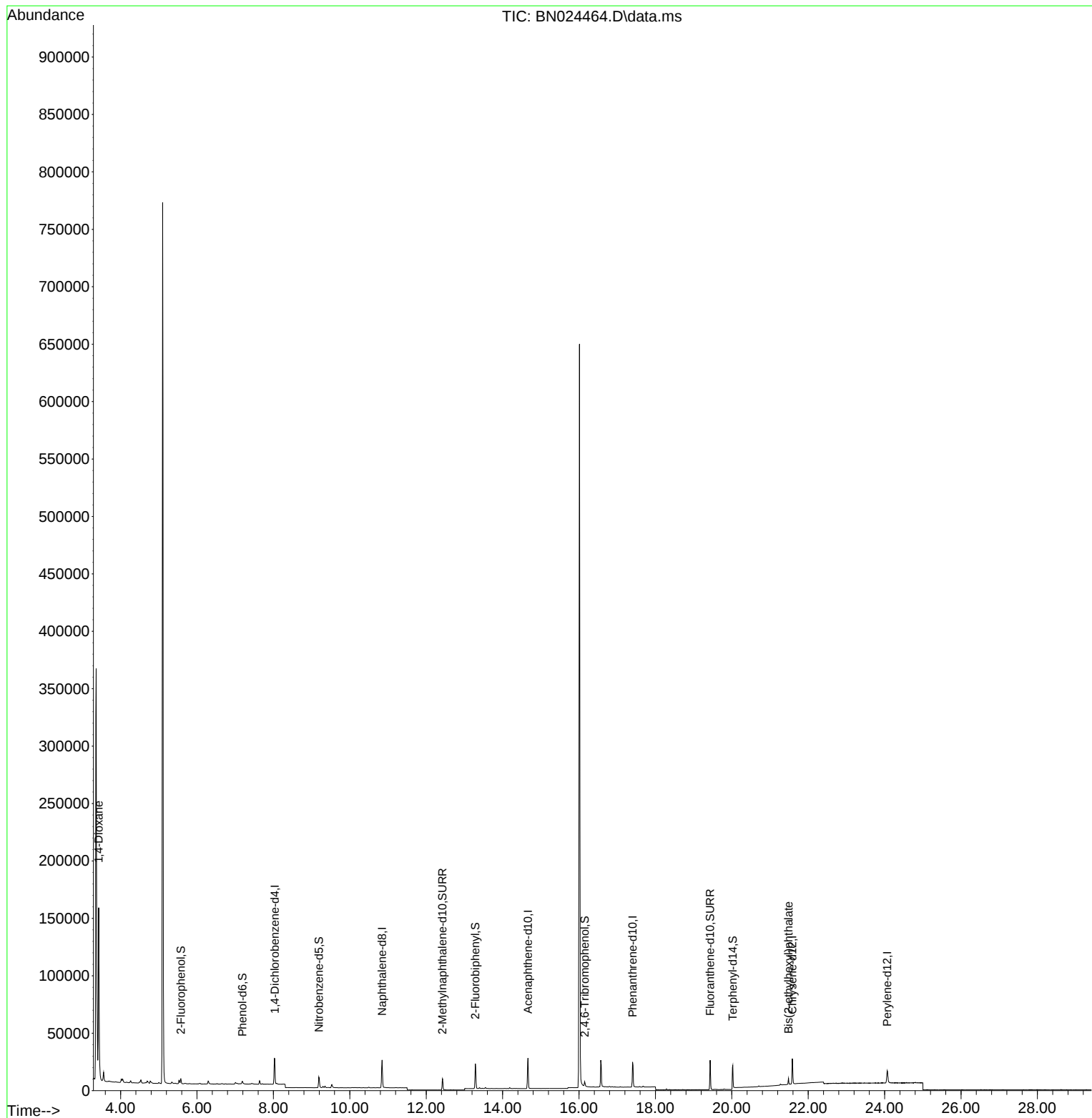
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
Data File : BN024464.D
Acq On : 22 Mar 2023 02:11
Operator : CG/JU
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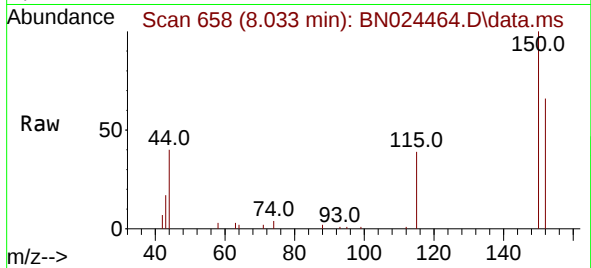
Quant Time: Mar 22 04:17:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 04:14:21 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.033 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024464.D
 Acq: 22 Mar 2023 02:11

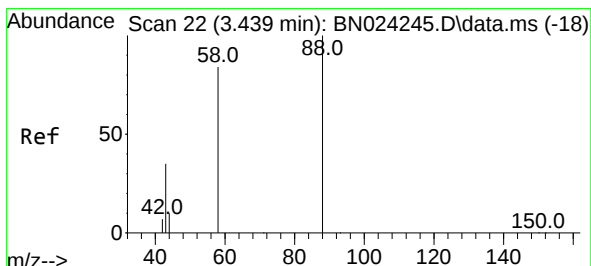
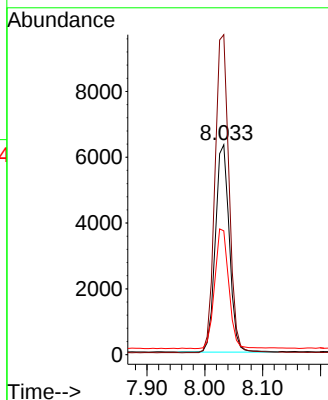
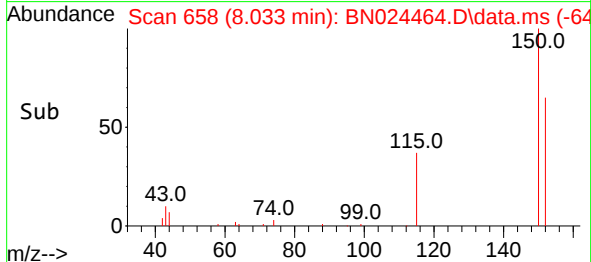
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230312



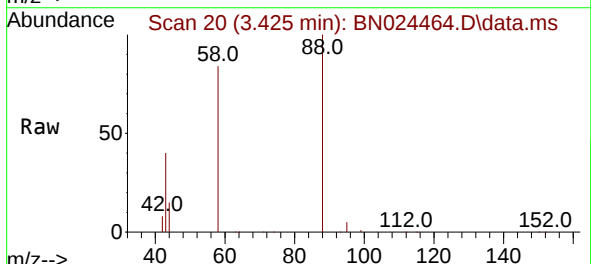
Tgt Ion: 152 Resp: 1055
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.7 187.1
 115 59.0 49.1 73.7

Manual Integrations
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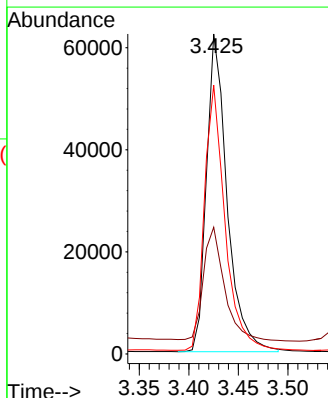
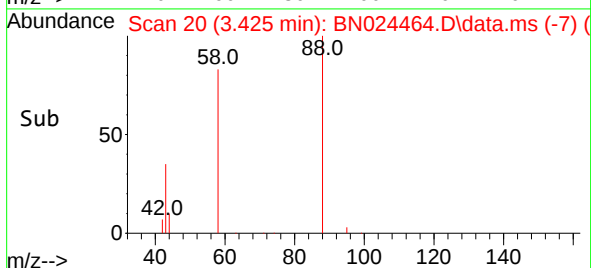
Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023

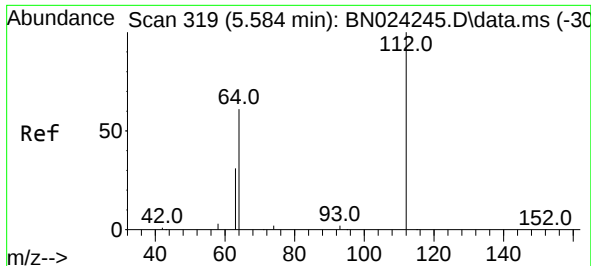


#2
 1,4-Dioxane
 Concen: 7.869 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024464.D
 Acq: 22 Mar 2023 02:11



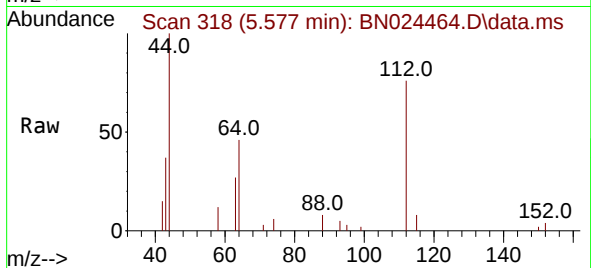
Tgt Ion: 88 Resp: 90343
 Ion Ratio Lower Upper
 88 100
 43 36.0 29.0 43.4
 58 82.8 67.3 100.9





#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

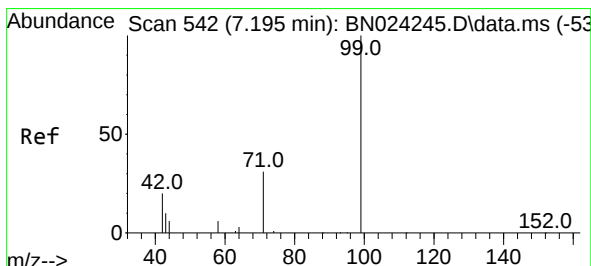
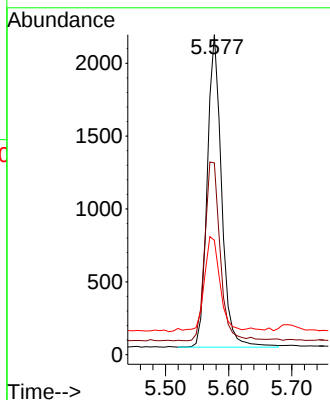
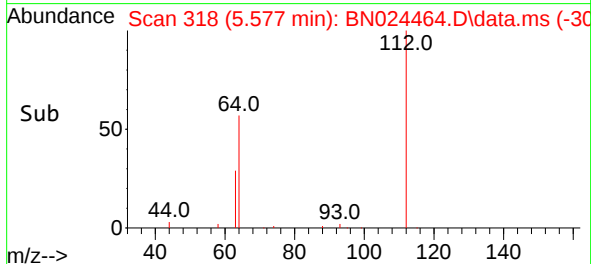
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312



Tgt Ion: 112 Resp: 3379
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.6
63 31.4 25.7 38.5

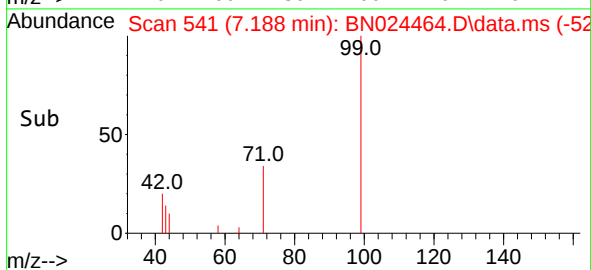
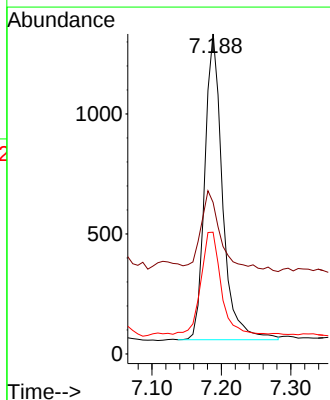
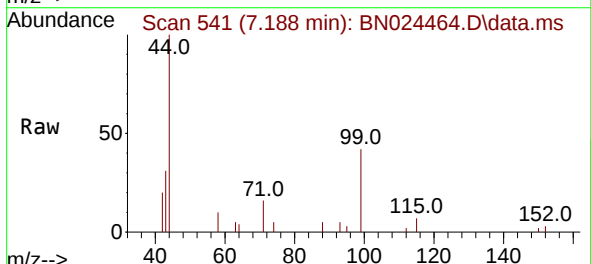
Manual Integrations
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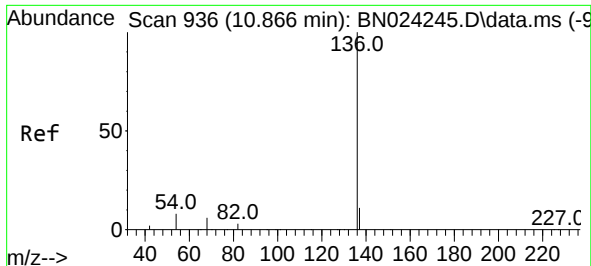
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

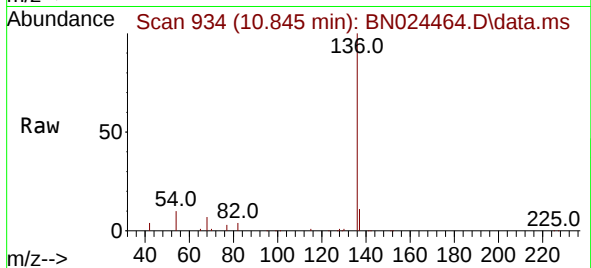
Tgt Ion: 99 Resp: 2264
Ion Ratio Lower Upper
99 100
42 30.7 20.1 30.1#
71 37.4 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

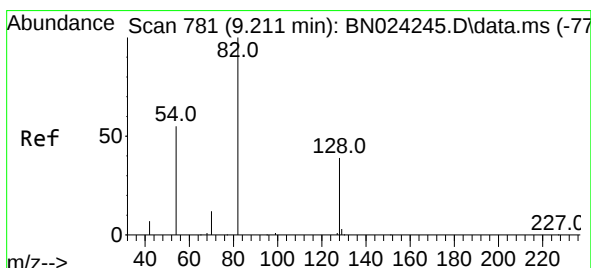
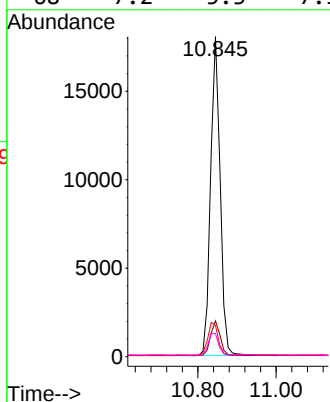
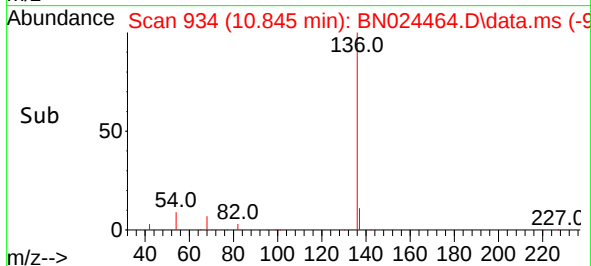
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312



Tgt Ion:136 Resp: 30674
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.8 7.1 10.7
68 7.2 5.3 7.9

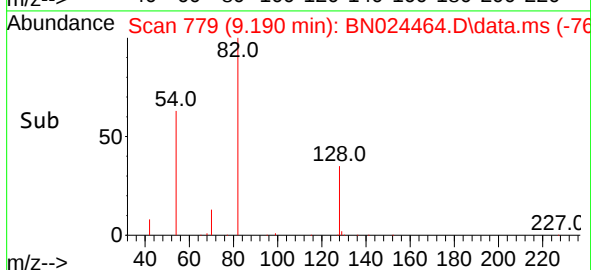
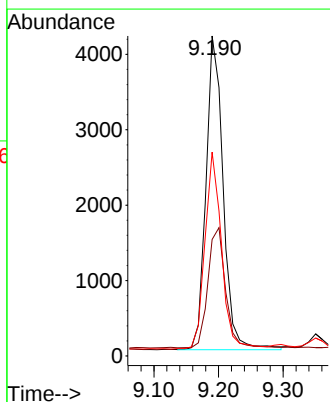
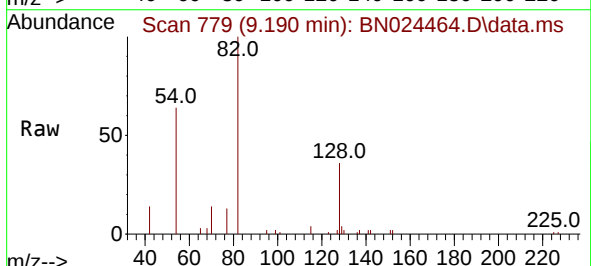
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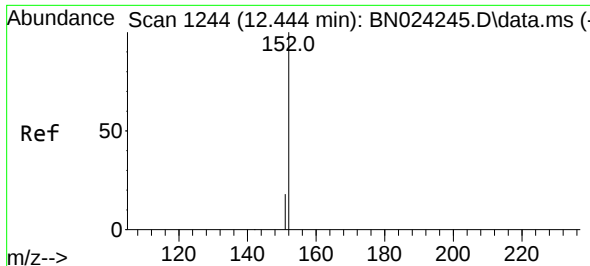
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#8
Nitrobenzene-d5
Concen: 0.377 ng m
RT: 9.190 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

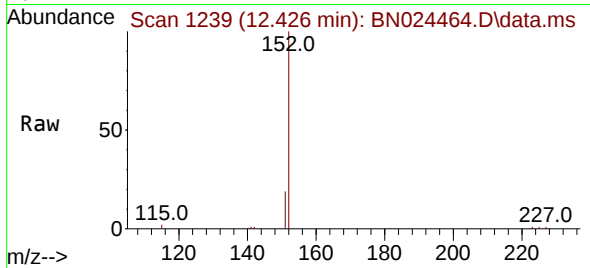
Tgt Ion: 82 Resp: 7723
Ion Ratio Lower Upper
82 100
128 36.4 32.4 48.6
54 63.7 45.2 67.8





#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.426 min Scan# 1239
Delta R.T. -0.004 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

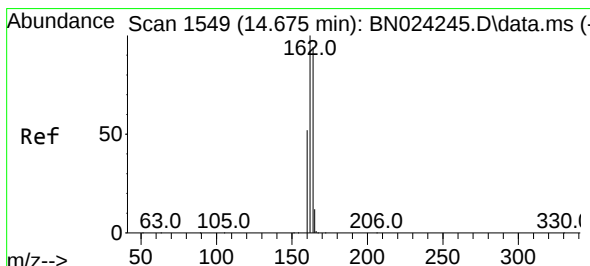
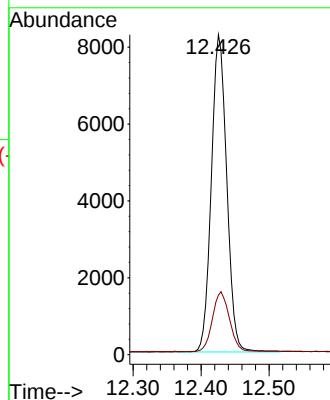
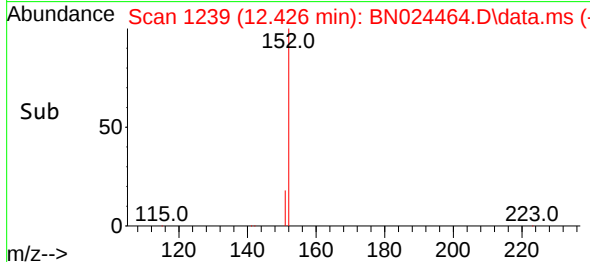
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312



Tgt Ion:152 Resp: 12998
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2

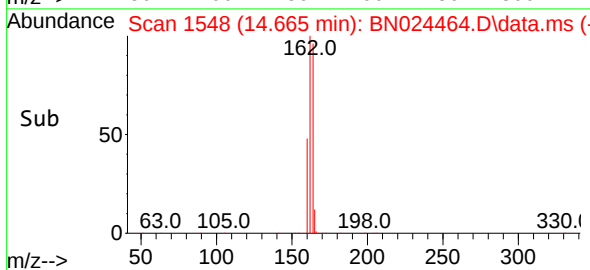
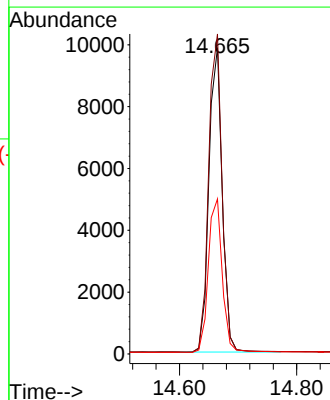
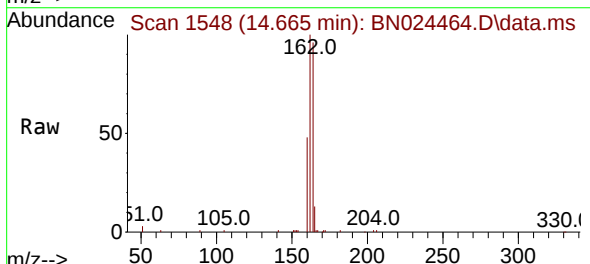
Manual Integrations
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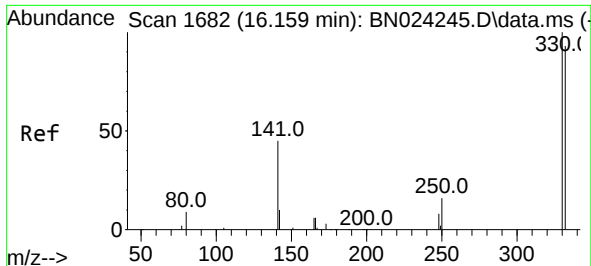
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

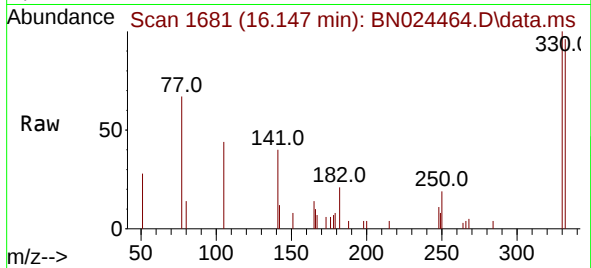
Tgt Ion:164 Resp: 15580
Ion Ratio Lower Upper
164 100
162 104.5 84.7 127.1
160 50.6 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

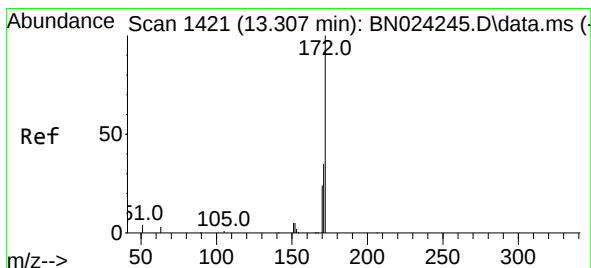
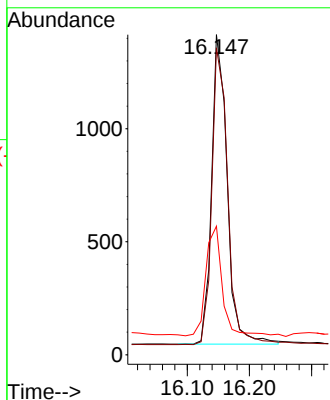
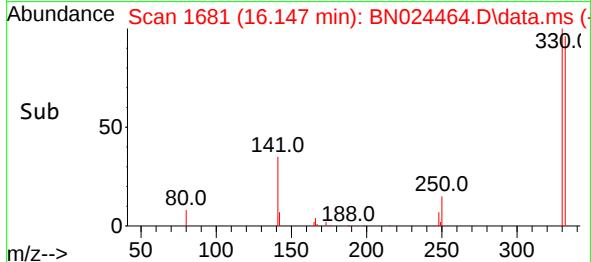
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230312



Tgt Ion: 330 Resp: 238
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 37.0 30.8 46.2

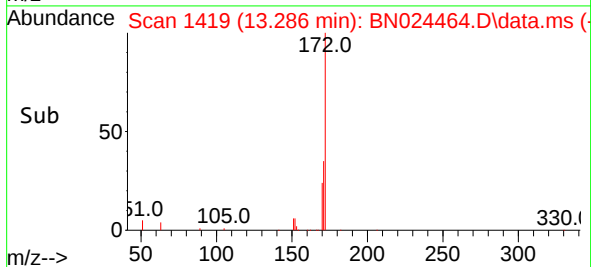
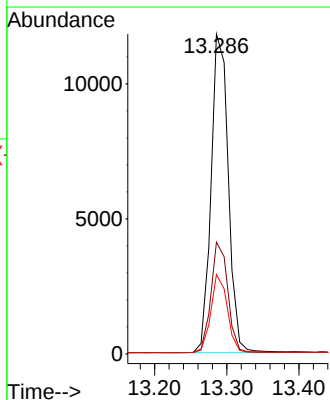
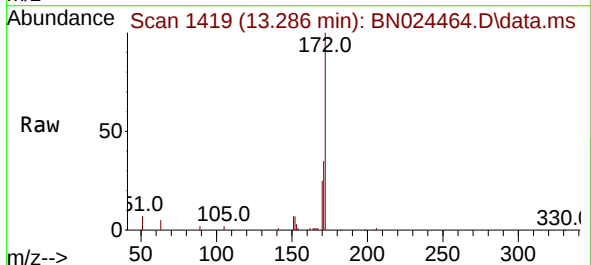
Manual Integrations
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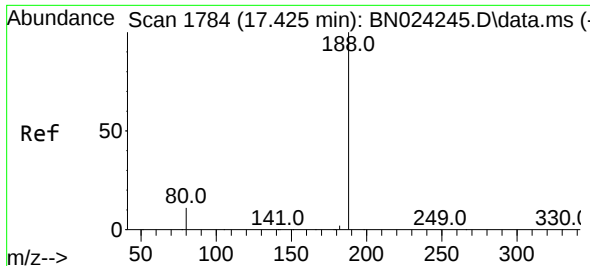
Reviewed By : Christian Giraldo 03/22/2023
Supervised By : Jagrut Upadhyay 03/22/2023



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.286 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BN024464.D
Acq: 22 Mar 2023 02:11

Tgt Ion: 172 Resp: 19567
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.8 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.401 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN024464.D

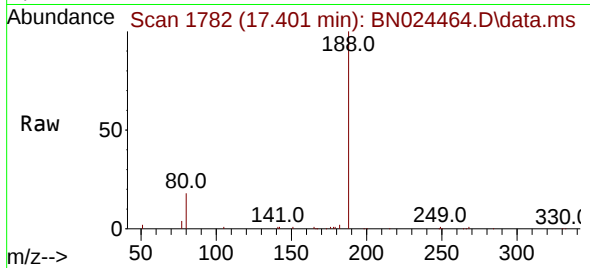
Acq: 22 Mar 2023 02:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312



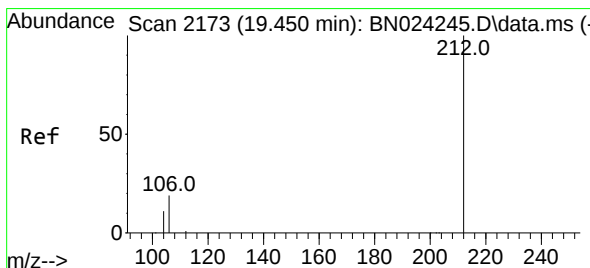
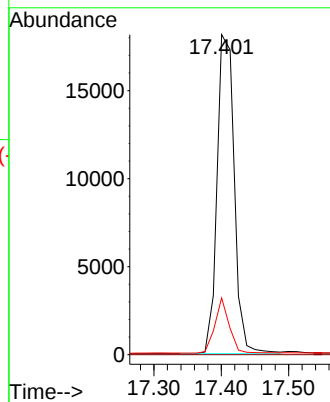
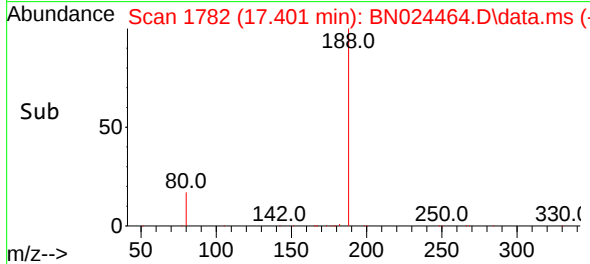
Tgt Ion:188	Resp:	3213
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	17.8	8.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/22/2023

Supervised By :Jagrut Upadhyay 03/22/2023



#27

Fluoranthene-d10

Concen: 0.394 ng

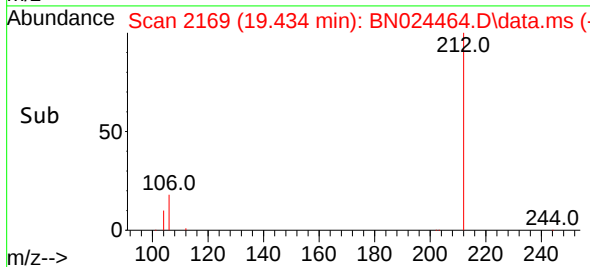
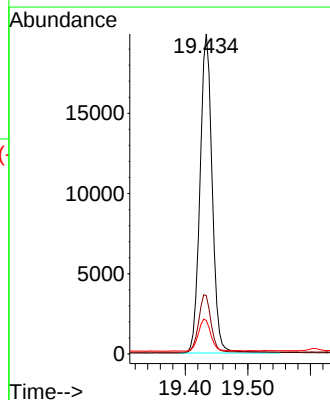
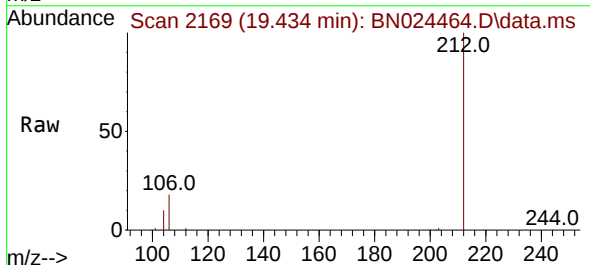
RT: 19.434 min Scan# 2169

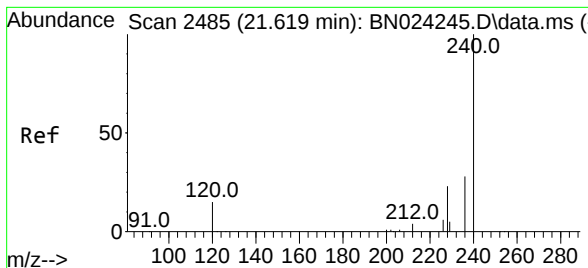
Delta R.T. -0.004 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Tgt Ion:212	Resp:	26814
Ion Ratio	Lower	Upper
212	100	
106	18.3	15.4
104	10.4	8.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.583 min Scan# 2485

Delta R.T. -0.009 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312

Tgt Ion:240 Resp: 2145

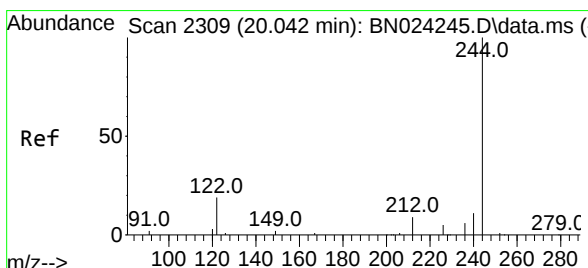
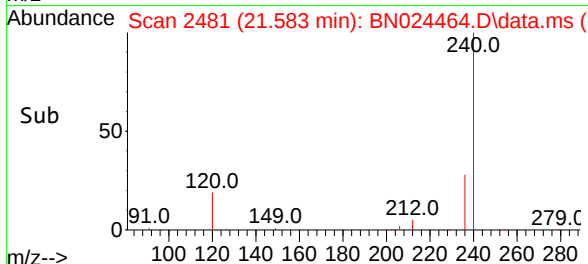
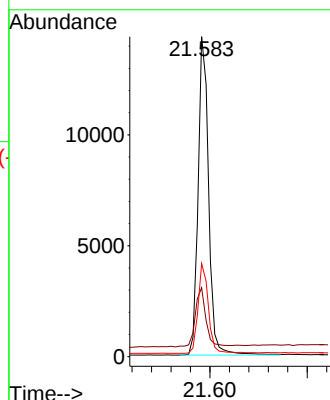
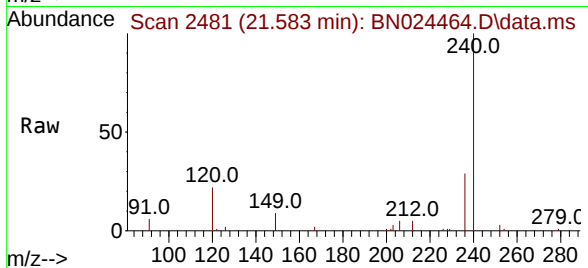
Ion	Ratio	Lower	Upper
240	100		
120	21.5	12.8	19.2
236	29.1	22.5	33.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/22/2023



#31

Terphenyl-d14

Concen: 0.407 ng

RT: 20.025 min Scan# 2307

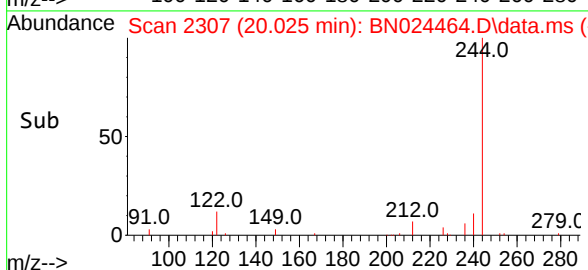
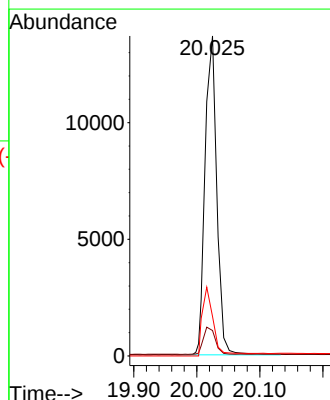
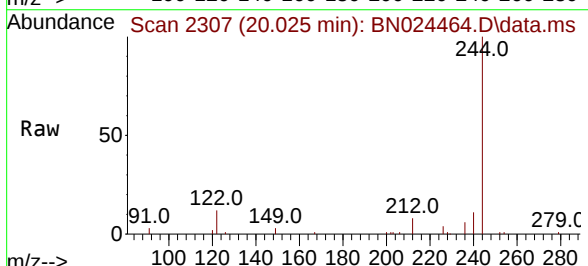
Delta R.T. 0.000 min

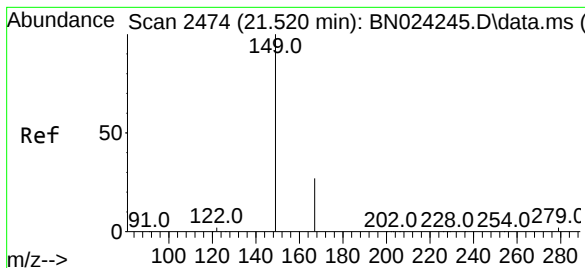
Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Tgt Ion:244 Resp: 14710

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	12.4	15.1	22.7





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.150 ng

RT: 21.485 min Scan# 2474

Delta R.T. -0.009 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230312

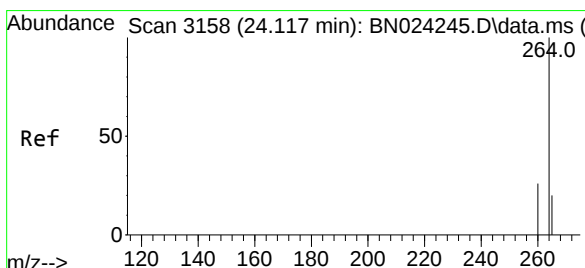
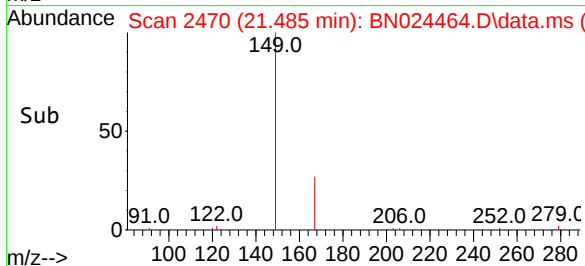
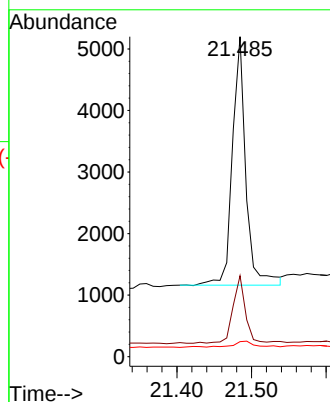
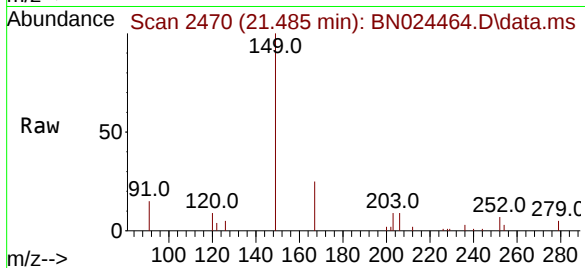
Tgt Ion:	149	Resp:	505
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.2	31.8
279	3.6	1.8	2.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2023

Supervised By :Jagrut Upadhyay 03/22/2023



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.071 min Scan# 3142

Delta R.T. -0.009 min

Lab File: BN024464.D

Acq: 22 Mar 2023 02:11

Tgt Ion:	264	Resp:	16886
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.4	32.2
265	76.1	35.7	53.5

