

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011423\
 Data File : BN023657.D
 Acq On : 13 Jan 2023 15:32
 Operator : CG/JU
 Sample : 01126-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-390-411-011023

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023

Quant Time: Jan 16 02:35:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 00:22:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	3673	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	11401	0.400	ng	0.00
13) Acenaphthene-d10	14.591	164	6603	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	15182	0.400	ng	0.00
29) Chrysene-d12	21.531	240	12411	0.400	ng	# 0.00
35) Perylene-d12	23.961	264	9439	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	990	0.136	ng	0.00
5) Phenol-d6	7.110	99	734	0.078	ng	0.00
8) Nitrobenzene-d5	9.110	82	2460	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	12.352	152	4871	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	961	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	8480	0.318	ng	0.00
27) Fluoranthene-d10	19.376	212	13645	0.367	ng	0.00
31) Terphenyl-d14	19.974	244	15563	0.495	ng	0.00
Target Compounds						
25) Phenanthrene	17.390	178	1875m	0.042	ng	Qvalue
28) Fluoranthene	19.405	202	2306	0.046	ng	97
30) Pyrene	19.772	202	1449	0.030	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.441	149	1830	0.098	ng	# 92

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

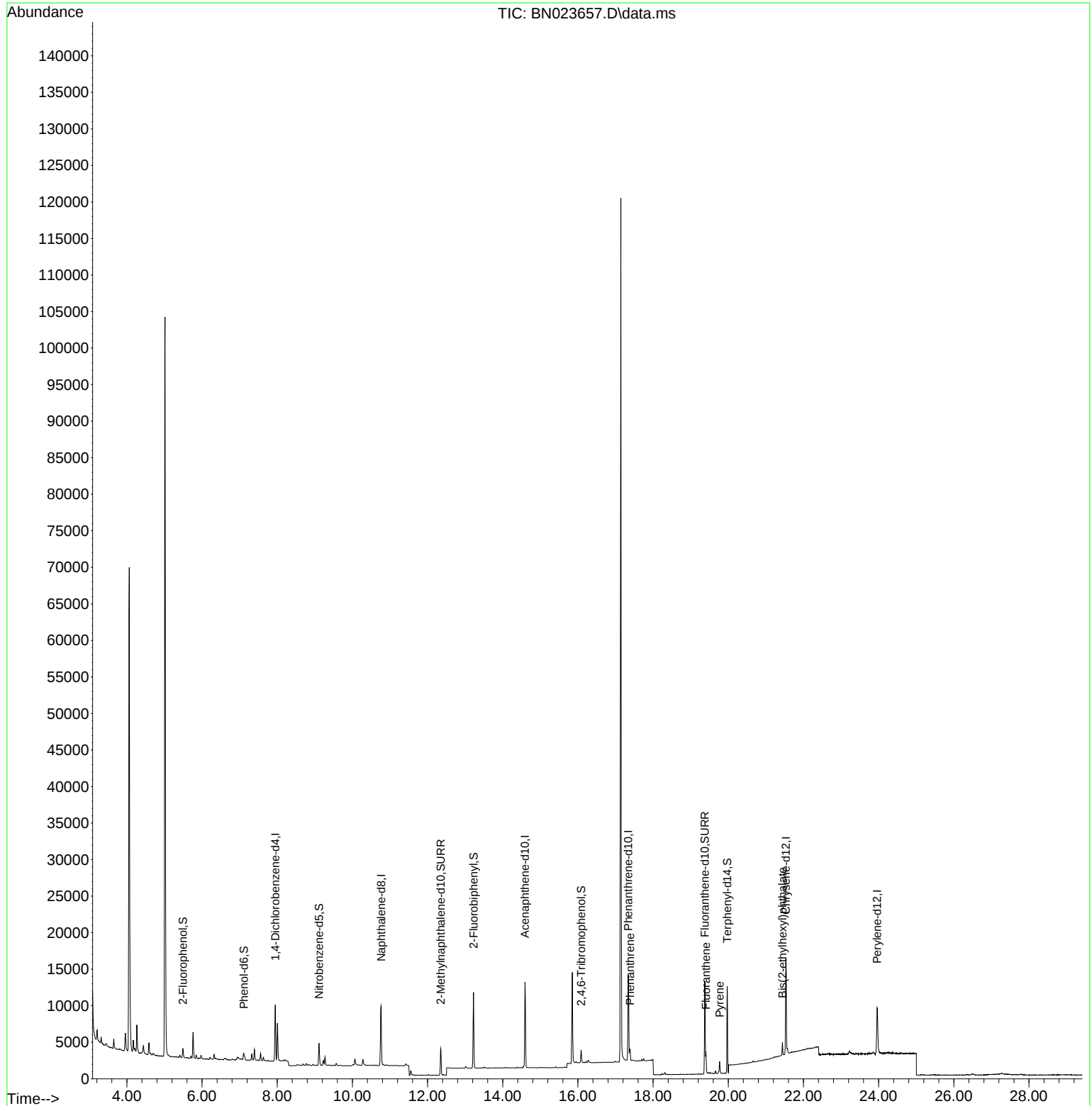
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011423\
Data File : BN023657.D
Acq On : 13 Jan 2023 15:32
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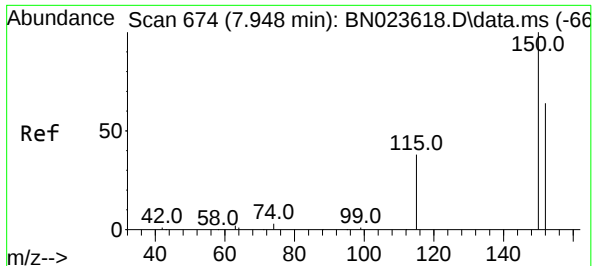
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-390-411-011023

Quant Time: Jan 16 02:35:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration

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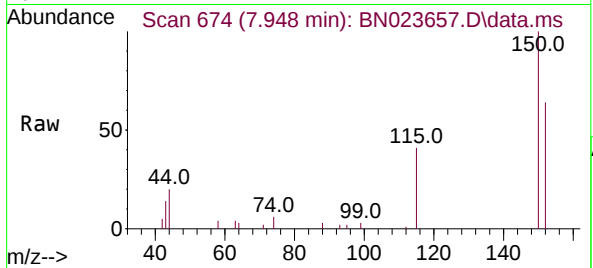
Reviewed By : Christian Giraldo 01/16/2023
Supervised By : Jagrut Upadhyay 01/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

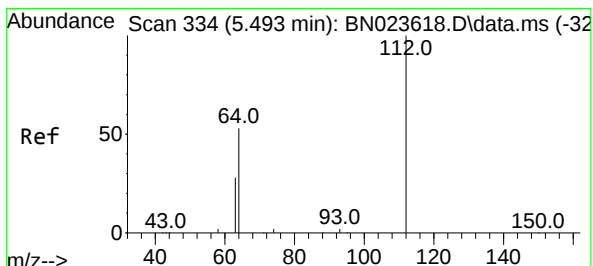
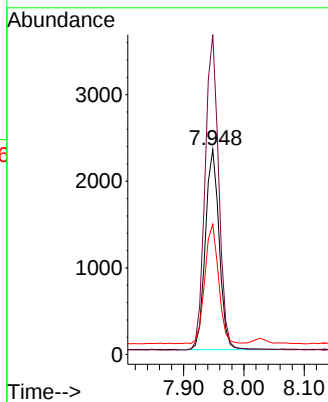
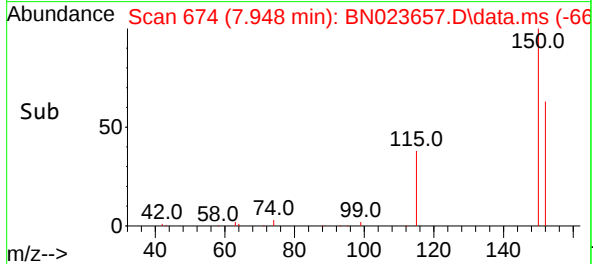
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-390-411-011023



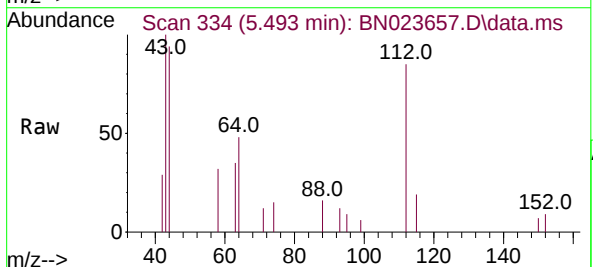
Tgt Ion:152 Resp: 3673
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.8
115 63.6 50.6 75.8

Manual Integrations
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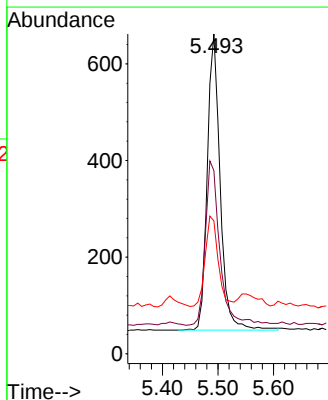
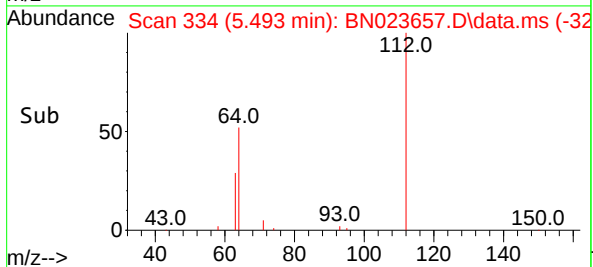
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

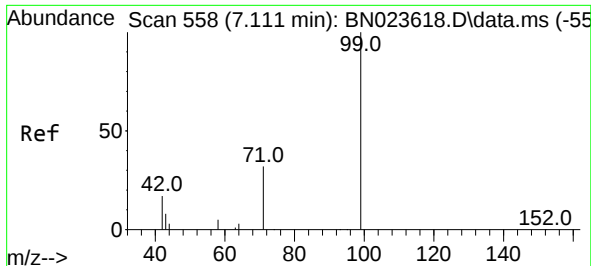


#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32



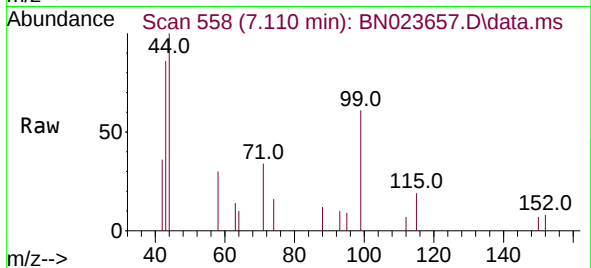
Tgt Ion:112 Resp: 990
Ion Ratio Lower Upper
112 100
64 62.7 44.9 67.3
63 30.8 24.9 37.3





#5
Phenol-d6
Concen: 0.078 ng
RT: 7.110 min Scan# 558
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

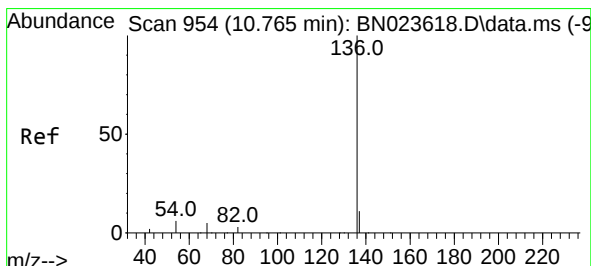
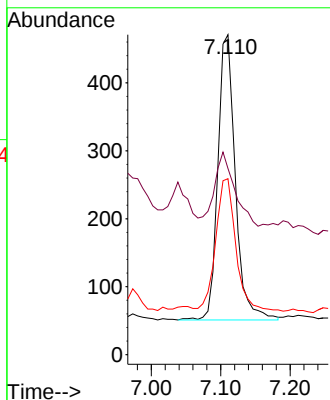
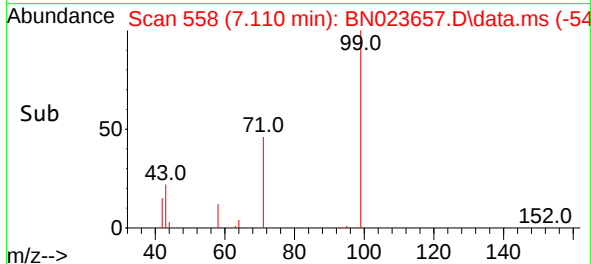
Instrument : BNA_N
ClientSampleId : GWOW-BR-04-390-411-011023



Tgt Ion: 99 Resp: 734
Ion Ratio Lower Upper
99 100
42 29.0 18.8 28.2
71 53.5 28.2 42.4

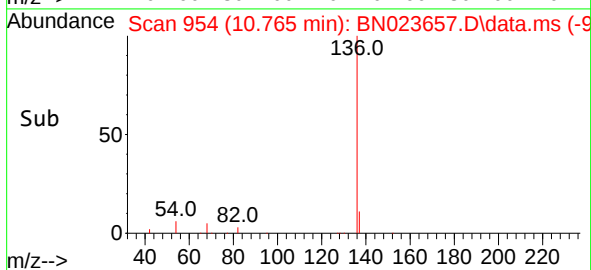
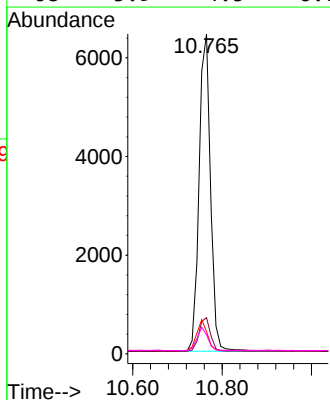
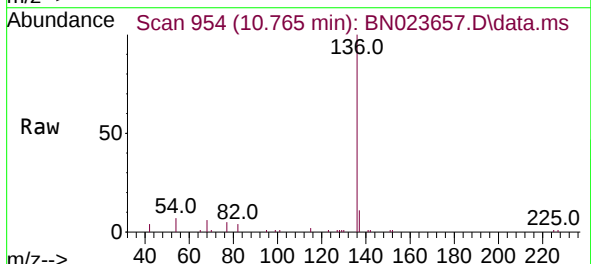
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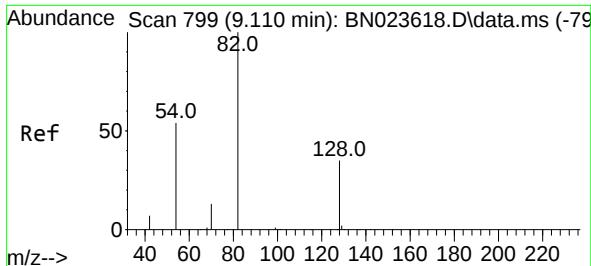
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

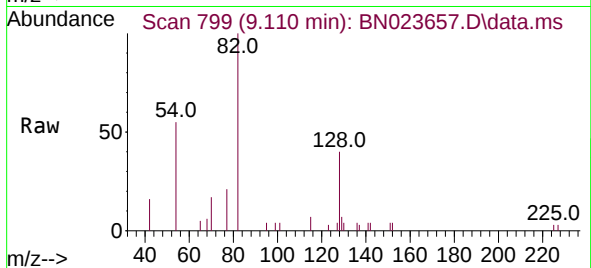
Tgt Ion:136 Resp: 11401
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 7.0 5.7 8.5
68 5.9 4.5 6.7





#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

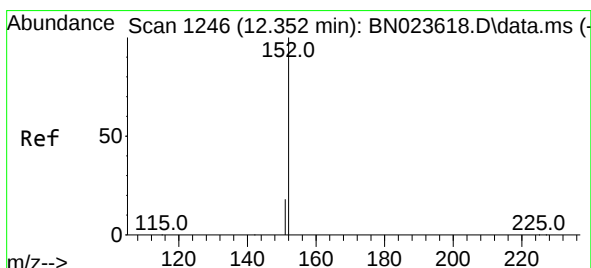
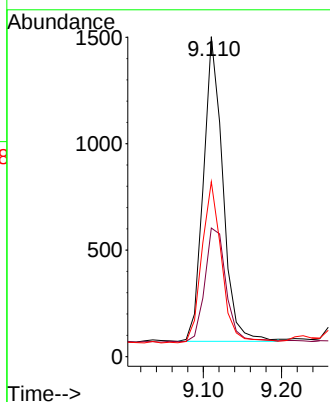
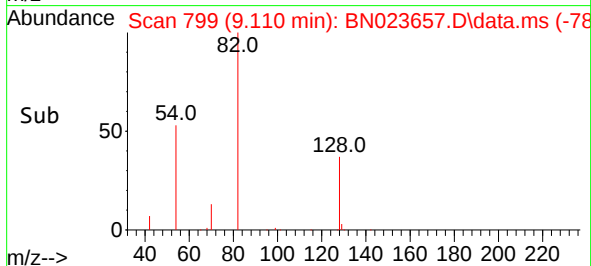
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-390-411-011023



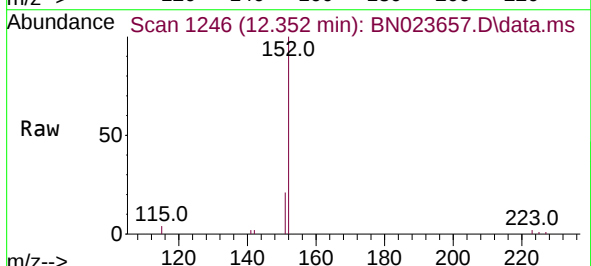
Tgt Ion: 82 Resp: 2460
Ion Ratio Lower Upper
82 100
128 40.2 29.8 44.8
54 54.6 43.9 65.9

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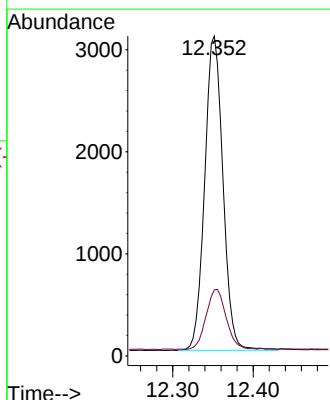
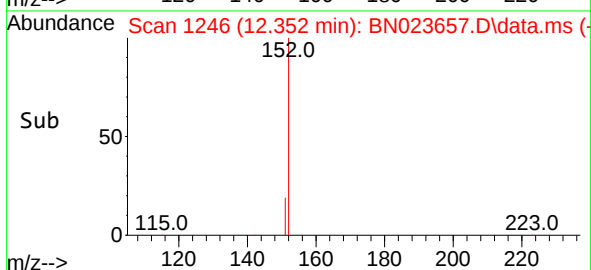
Reviewed By :Christian Giraldo 01/16/2023
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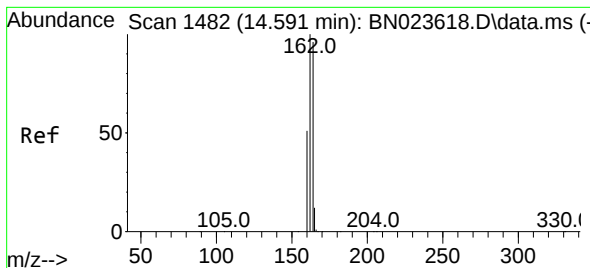


#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.352 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32



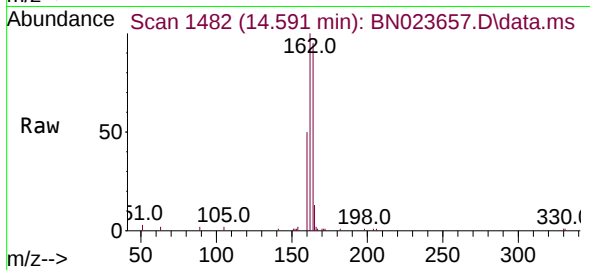
Tgt Ion:152 Resp: 4871
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

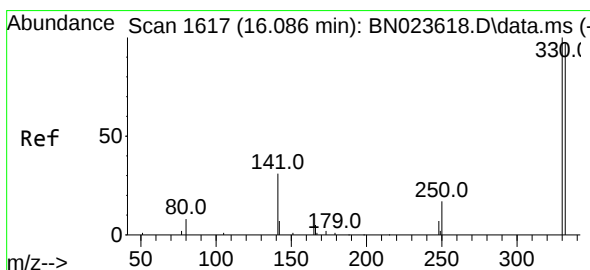
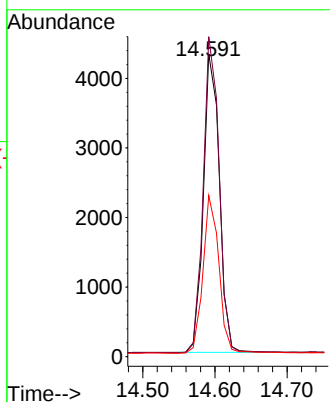
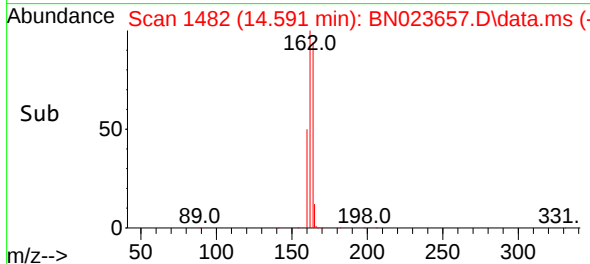
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-390-411-011023



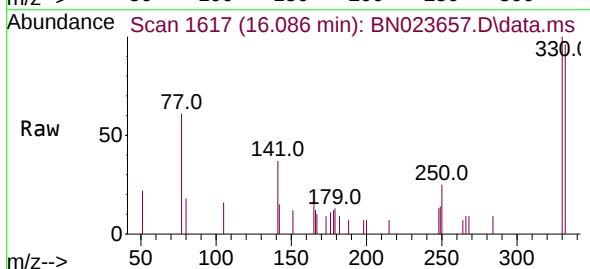
Tgt Ion:164 Resp: 6603
Ion Ratio Lower Upper
164 100
162 105.7 83.4 125.2
160 53.2 42.7 64.1

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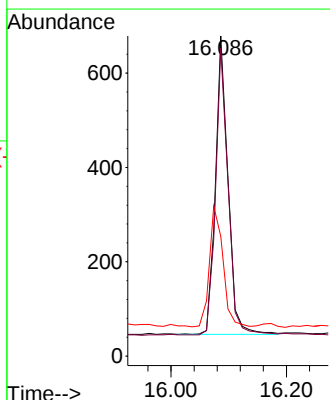
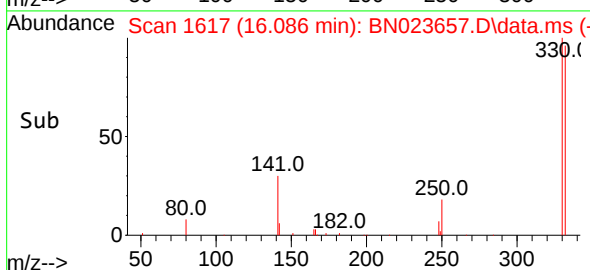
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

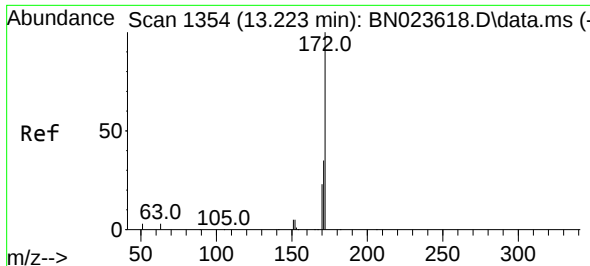


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32



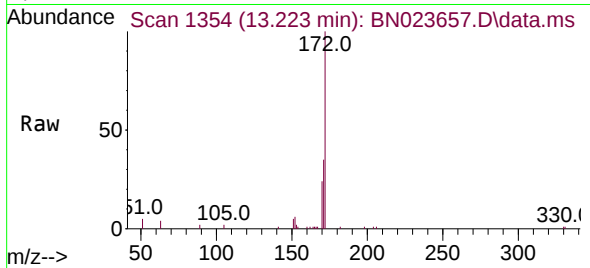
Tgt Ion:330 Resp: 961
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 43.3 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.223 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

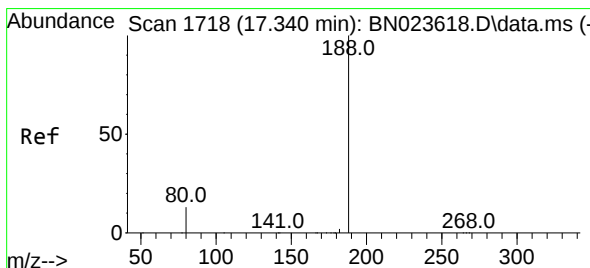
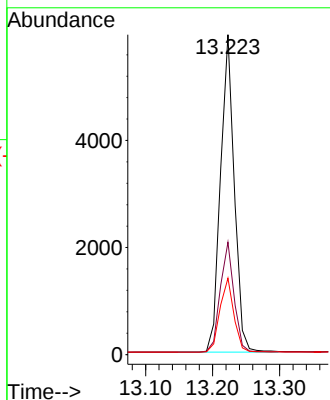
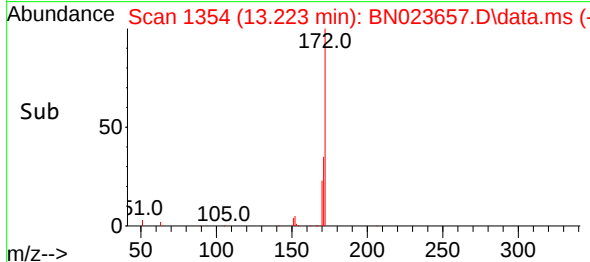
Instrument : BNA_N
ClientSampleId : GWOW-BR-04-390-411-011023



Tgt Ion:172 Resp: 8480
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.9 19.0 28.4

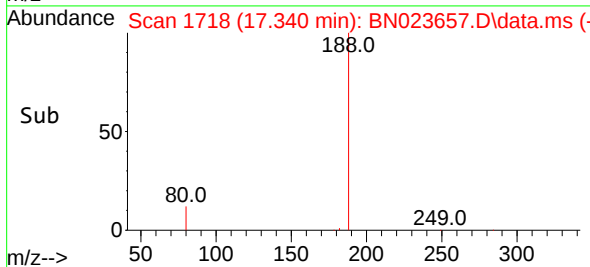
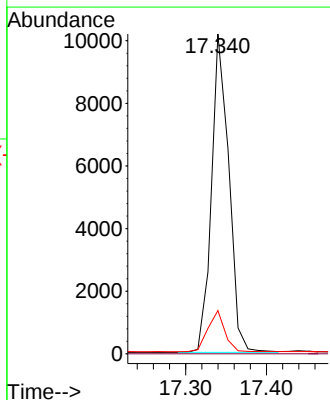
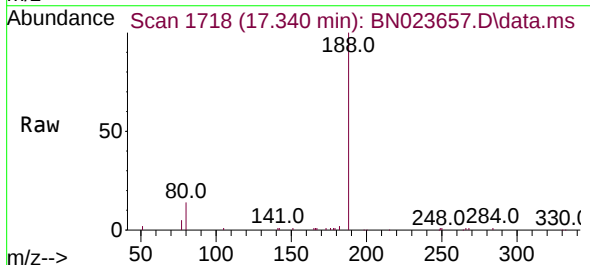
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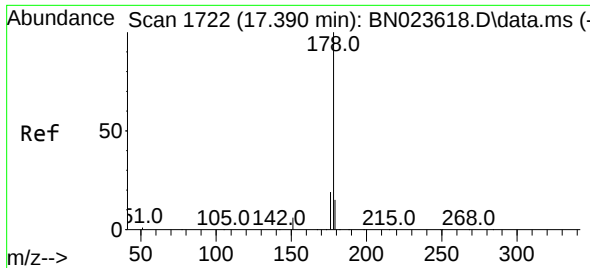
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

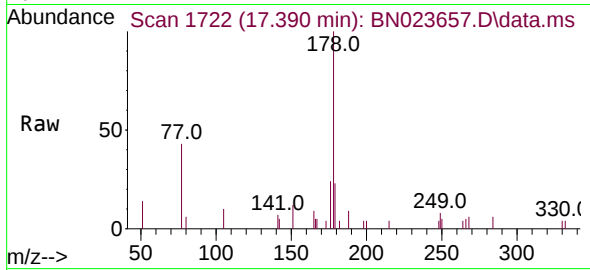
Tgt Ion:188 Resp: 15182
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.0 16.4





#25
Phenanthrene
Concen: 0.042 ng m
RT: 17.390 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

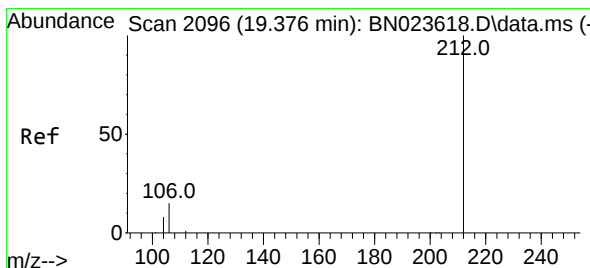
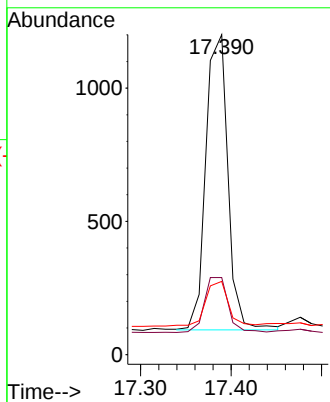
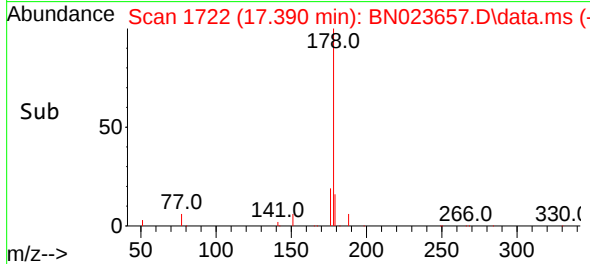
Instrument : BNA_N
ClientSampleId : GWOW-BR-04-390-411-011023



Tgt Ion:178 Resp: 1875
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.9 12.5 18.7

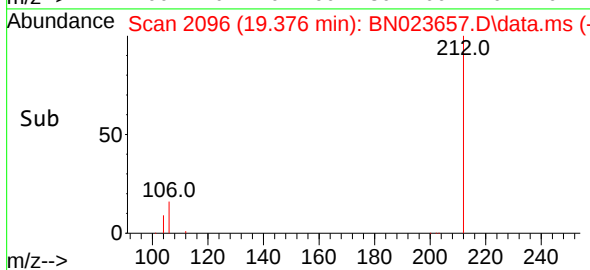
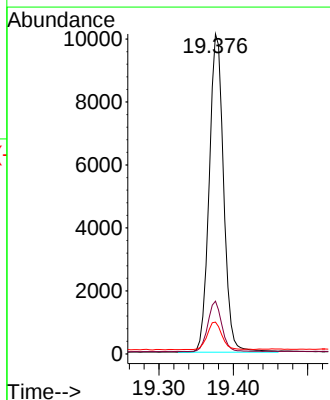
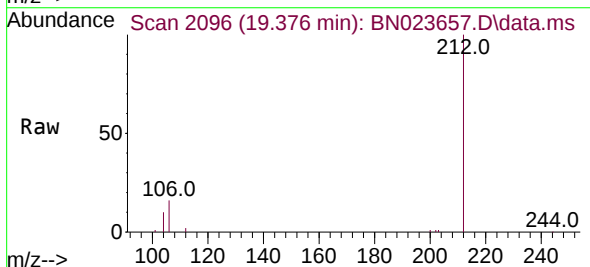
Manual Integrations
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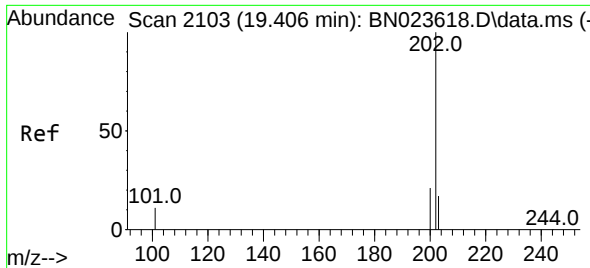
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

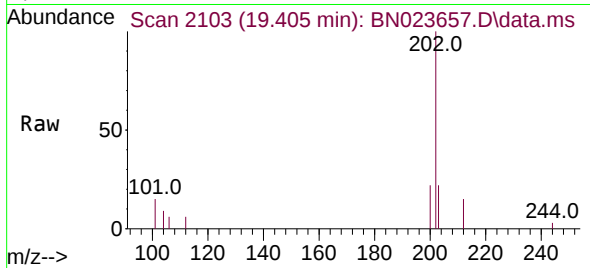
Tgt Ion:212 Resp: 13645
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.4
104 8.6 7.1 10.7





#28
Fluoranthene
Concen: 0.046 ng
RT: 19.405 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

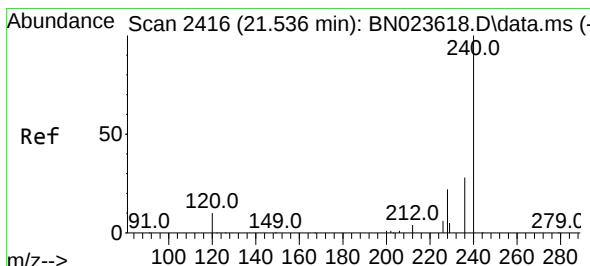
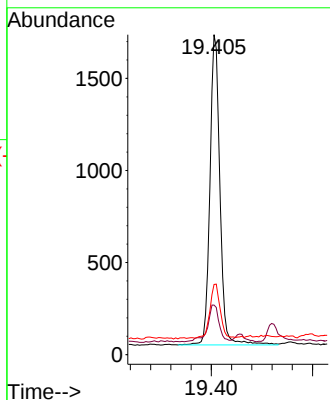
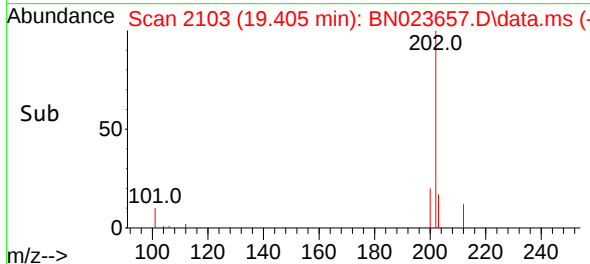
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-390-411-011023



Tgt Ion:202 Resp: 2306
Ion Ratio Lower Upper
202 100
101 13.6 9.7 14.5
203 17.9 13.8 20.6

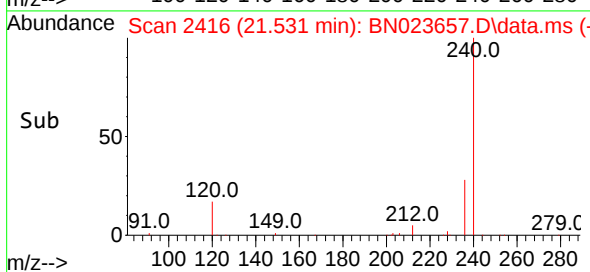
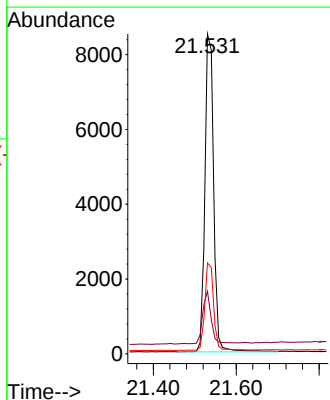
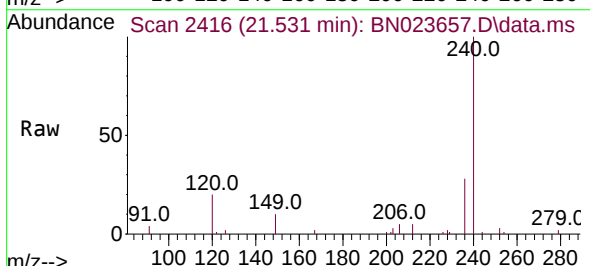
Manual Integrations
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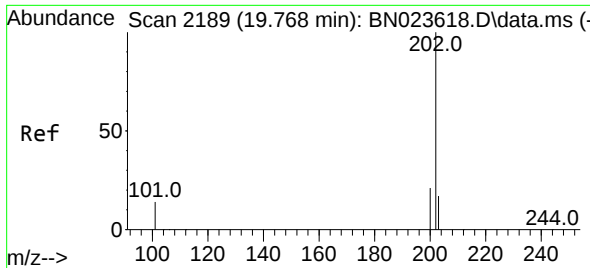
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.531 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

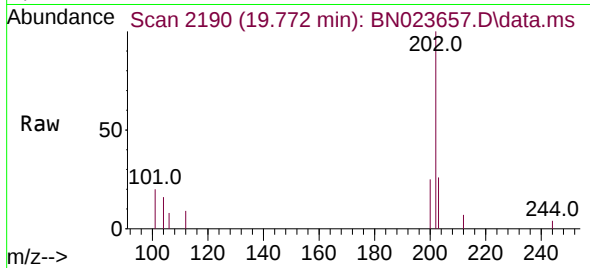
Tgt Ion:240 Resp: 12411
Ion Ratio Lower Upper
240 100
120 19.6 10.6 15.8#
236 28.4 23.0 34.6





#30
Pyrene
Concen: 0.030 ng
RT: 19.772 min Scan# 2189
Delta R.T. 0.004 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

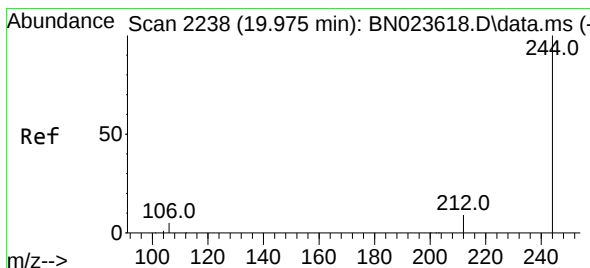
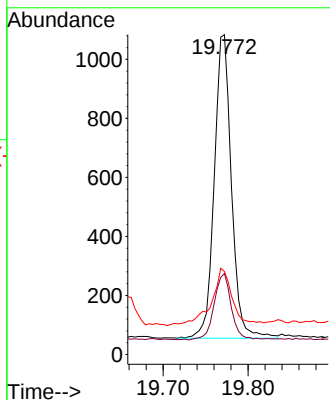
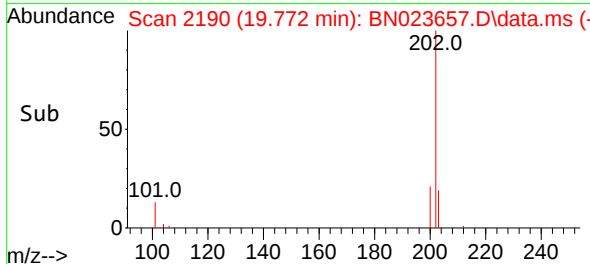
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-390-411-011023



Tgt Ion:202 Resp: 1449
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 23.4 14.2 21.2

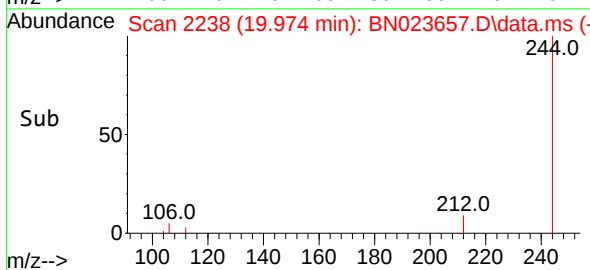
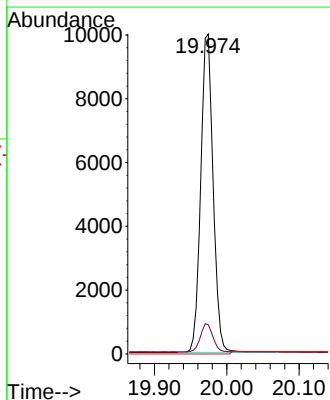
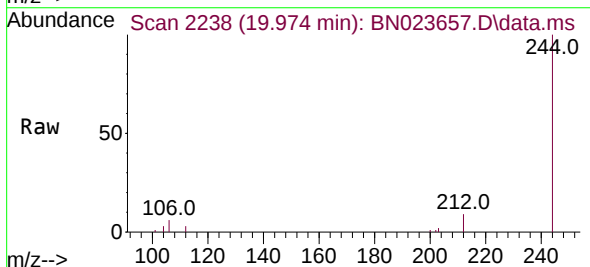
Manual Integrations
APPROVED

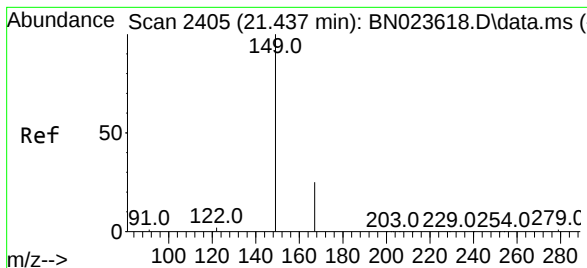
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.974 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BN023657.D
Acq: 13 Jan 2023 15:32

Tgt Ion:244 Resp: 15563
Ion Ratio Lower Upper
244 100
212 9.1 7.5 11.3
122 0.0 0.0 0.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 21.441 min Scan# 2406

Delta R.T. 0.004 min

Lab File: BN023657.D

Acq: 13 Jan 2023 15:32

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04-390-411-011023

Tgt Ion:149 Resp: 1830

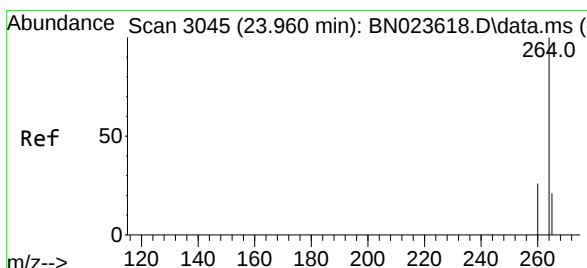
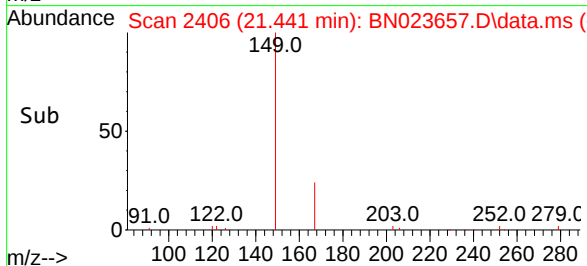
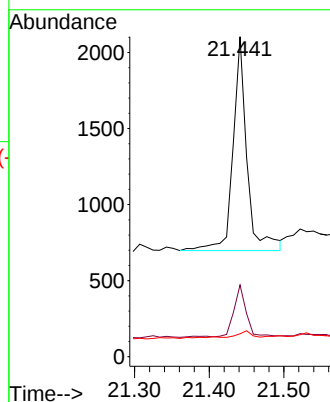
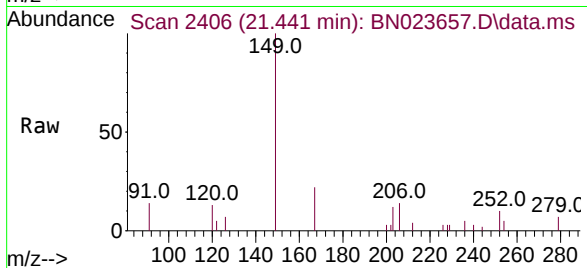
Ion	Ratio	Lower	Upper
149	100		
167	21.4	20.6	30.8
279	4.9	2.6	4.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.961 min Scan# 3045

Delta R.T. 0.001 min

Lab File: BN023657.D

Acq: 13 Jan 2023 15:32

Tgt Ion:264 Resp: 9439

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	68.9	56.6	85.0

