

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
 Data File : BN023584.D
 Acq On : 06 Jan 2023 23:01
 Operator : CG/JU
 Sample : 01031-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04-289-310-010423

Quant Time: Jan 07 02:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 07 02:04:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/09/2023
 Supervised By :Jagrut Upadhyay 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	3922	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	12303	0.400	ng	0.00
13) Acenaphthene-d10	14.602	164	7281	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	16987	0.400	ng	# 0.00
29) Chrysene-d12	21.531	240	15236	0.400	ng	# 0.00
35) Perylene-d12	23.958	264	13052	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	1546	0.178	ng	0.00
5) Phenol-d6	7.110	99	1130	0.106	ng	0.00
8) Nitrobenzene-d5	9.110	82	3448	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.352	152	7186	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	1600	0.448	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	12154	0.421	ng	0.00
27) Fluoranthene-d10	19.376	212	19967	0.481	ng	0.00
31) Terphenyl-d14	19.974	244	24116	0.679	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.389	178	1186m	0.025	ng	
28) Fluoranthene	19.410	202	1563	0.029	ng	# 82
30) Pyrene	19.772	202	1277	0.022	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.441	149	5632	0.180	ng	# 98

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

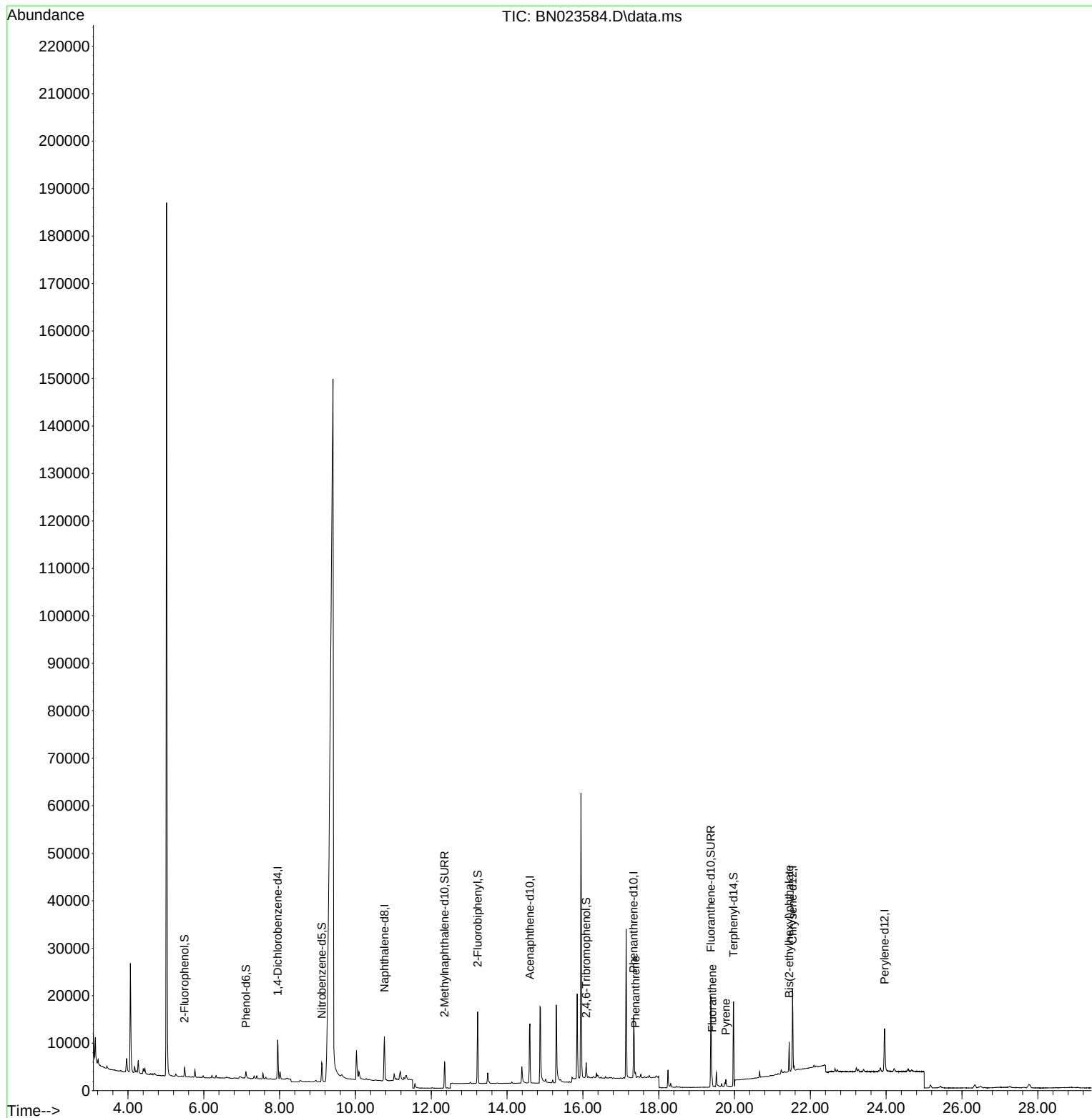
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023584.D
Acq On : 06 Jan 2023 23:01
Operator : CG/JU
Sample : 01031-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

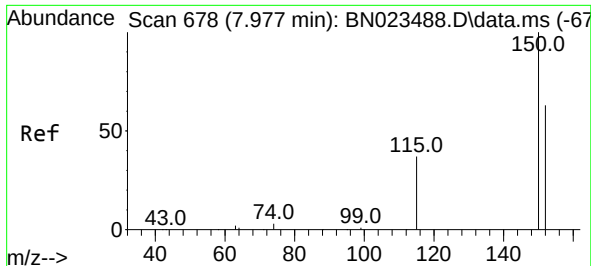
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423

Quant Time: Jan 07 02:07:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 07 02:04:12 2023
Response via : Initial Calibration

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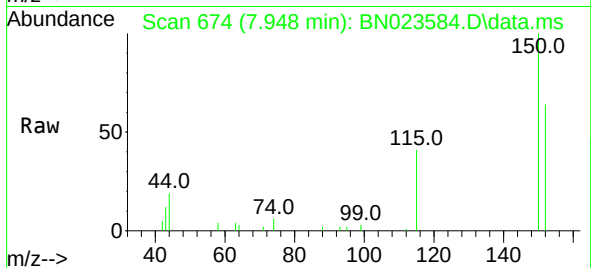
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

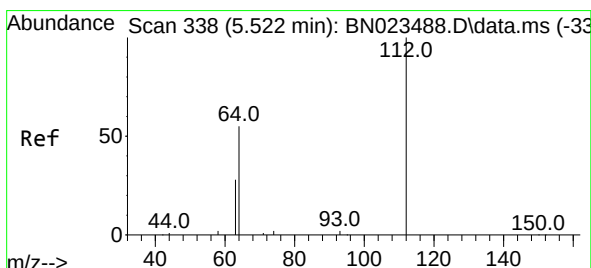
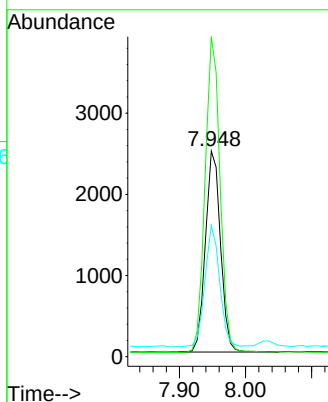
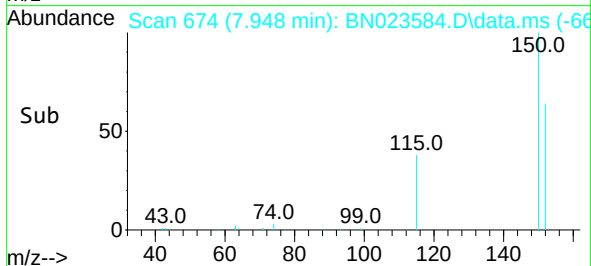
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion:152 Resp: 392
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.6
115 63.9 48.8 73.2

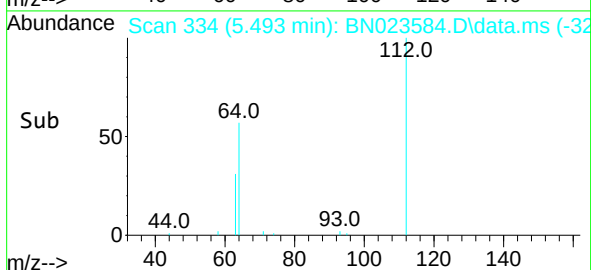
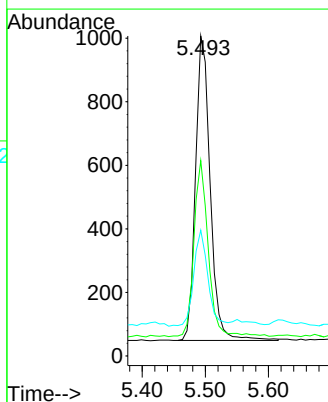
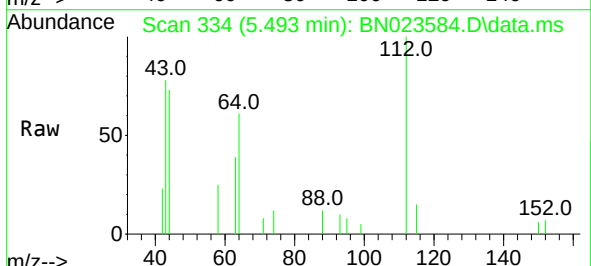
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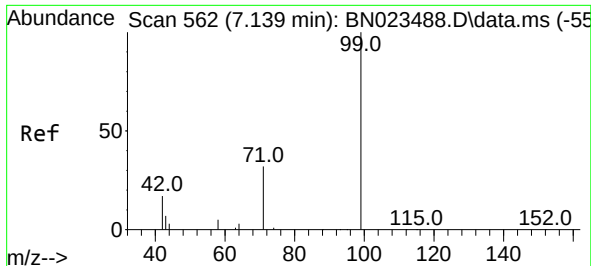
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023



#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

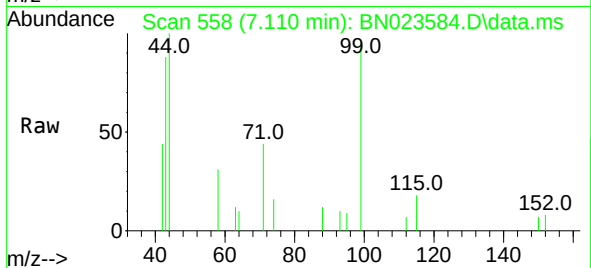
Tgt Ion:112 Resp: 1546
Ion Ratio Lower Upper
112 100
64 56.7 44.3 66.5
63 29.8 23.8 35.6





#5
Phenol-d6
Concen: 0.106 ng
RT: 7.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

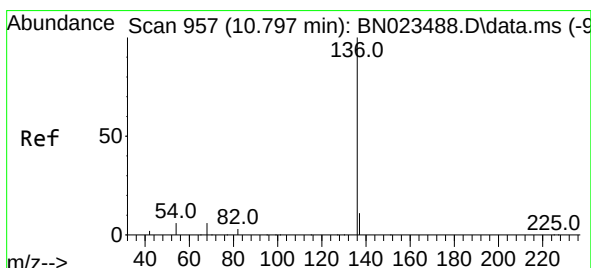
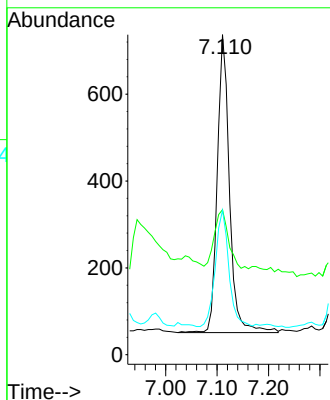
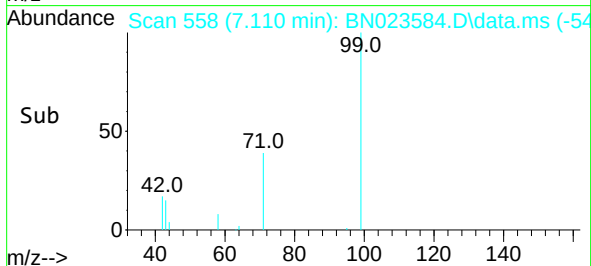
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion: 99 Resp: 1130
Ion Ratio Lower Upper
99 100
42 22.8 16.8 25.2
71 43.4 27.0 40.4

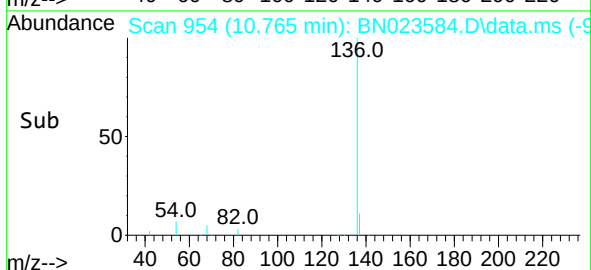
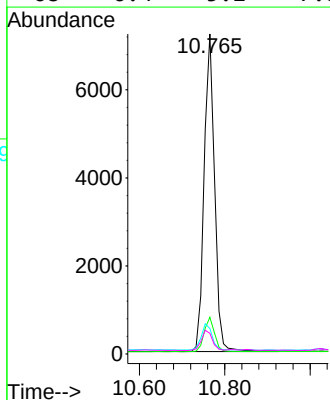
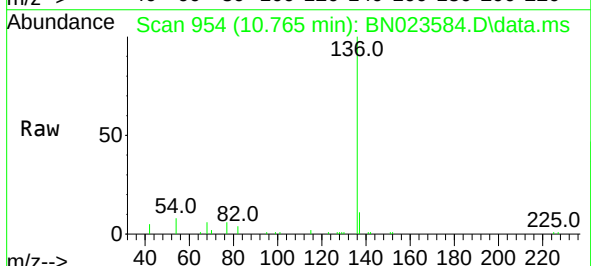
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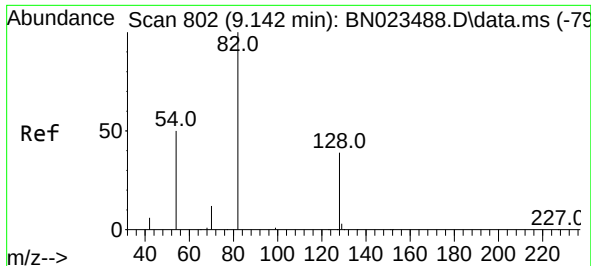
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

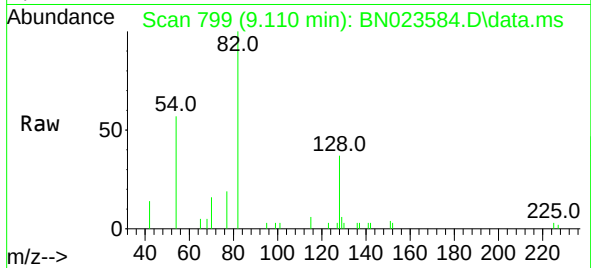
Tgt Ion:136 Resp: 12303
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.0 5.8 8.8
68 6.4 5.2 7.8





#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

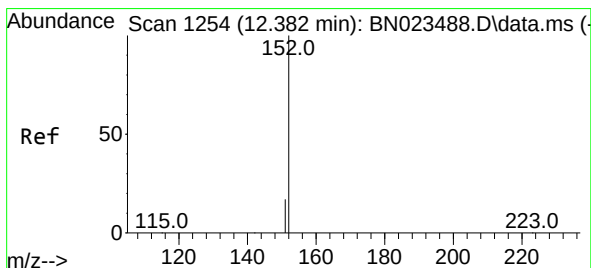
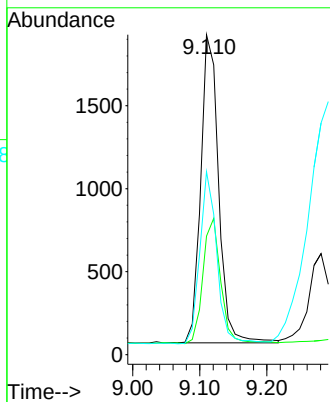
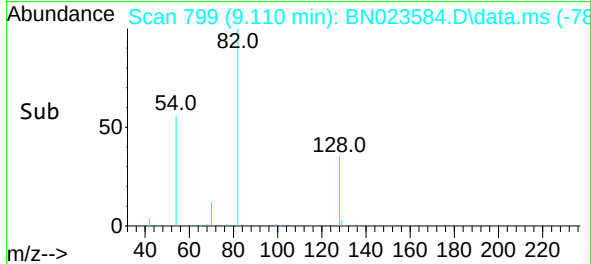
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion: 82 Resp: 3448
Ion Ratio Lower Upper
82 100
128 37.0 32.6 49.0
54 57.2 41.4 62.0

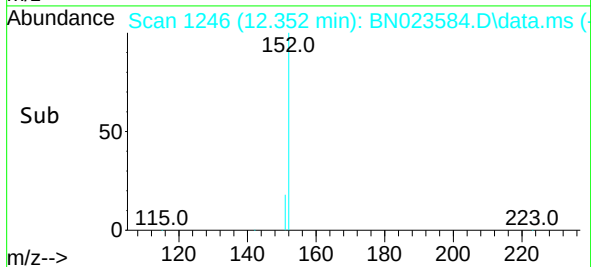
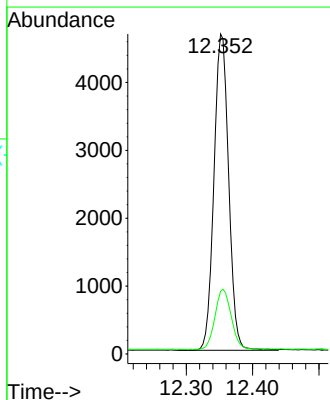
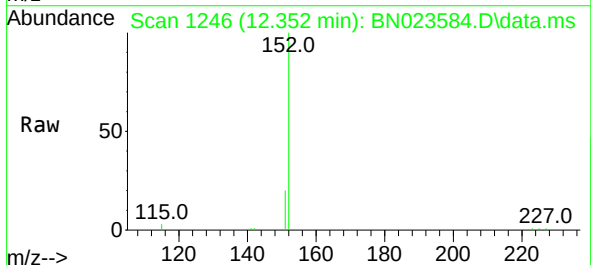
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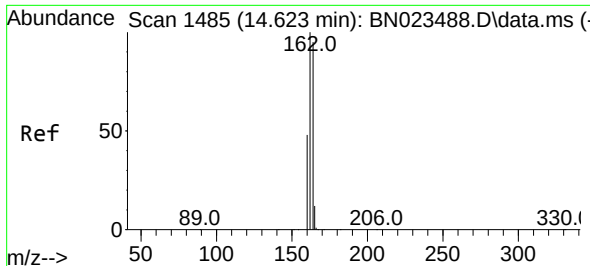
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023



#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.352 min Scan# 1246
Delta R.T. -0.004 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

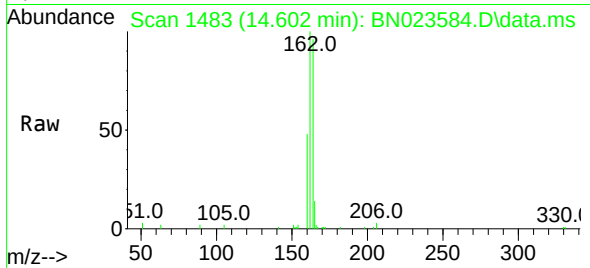
Tgt Ion:152 Resp: 7186
Ion Ratio Lower Upper
152 100
151 21.4 14.8 22.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.602 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

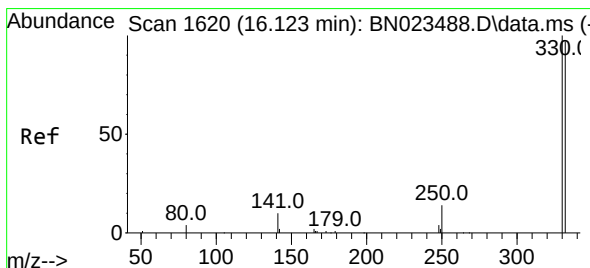
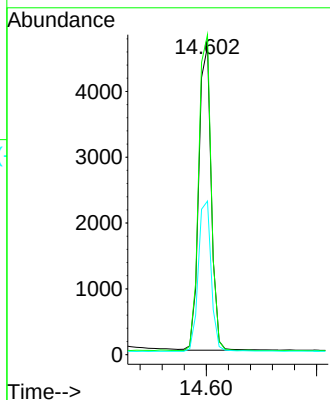
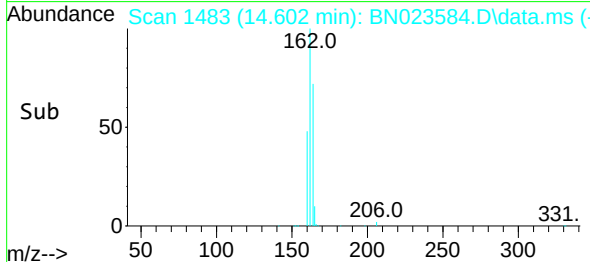
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ClientSampleId :
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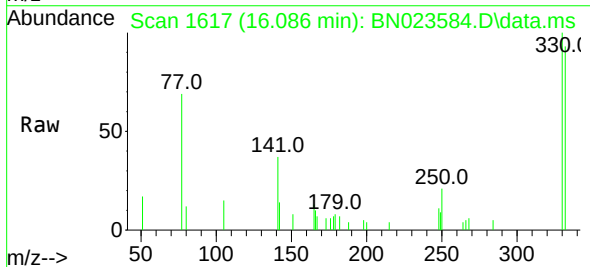
Tgt Ion:164 Resp: 728
Ion Ratio Lower Upper
164 100
162 103.8 83.9 125.9
160 49.8 40.9 61.3

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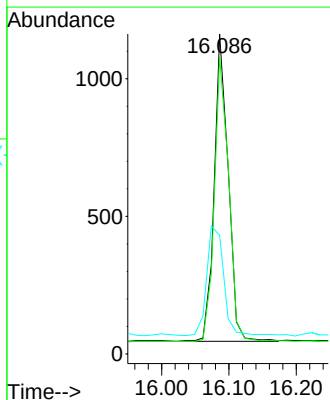
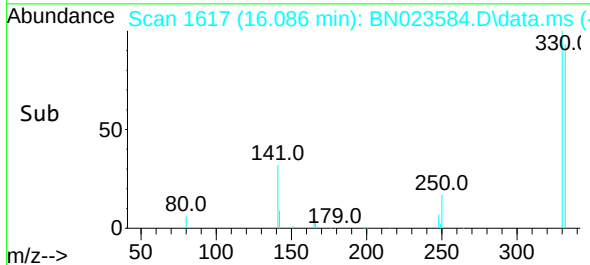
Reviewed By :Christian Giraldo 01/09/2023
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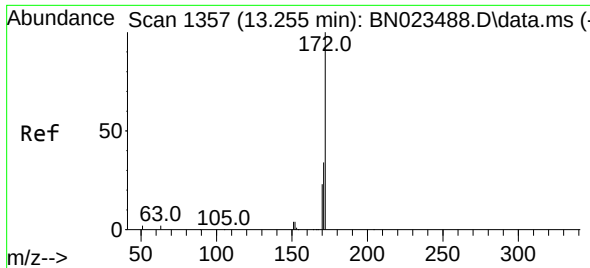


#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01



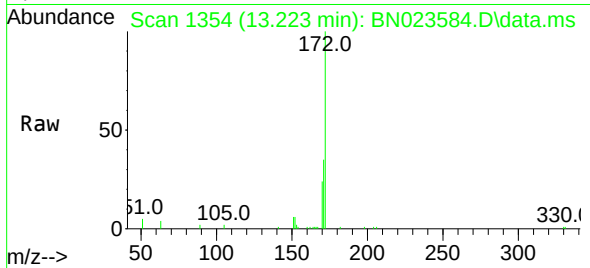
Tgt Ion:330 Resp: 1600
Ion Ratio Lower Upper
330 100
332 95.1 76.7 115.1
141 43.4 29.8 44.6





#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.223 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

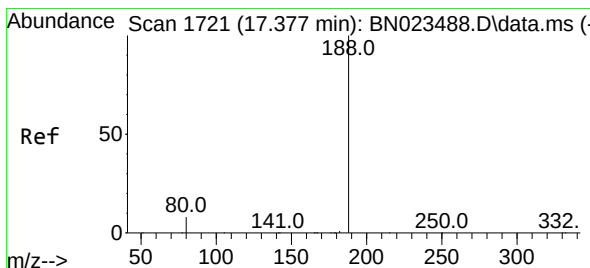
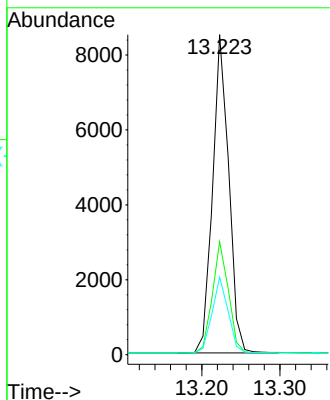
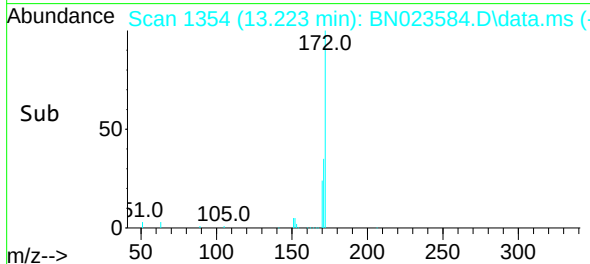
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion:172 Resp: 12154
Ion Ratio Lower Upper
172 100
171 35.3 27.6 41.4
170 24.2 18.7 28.1

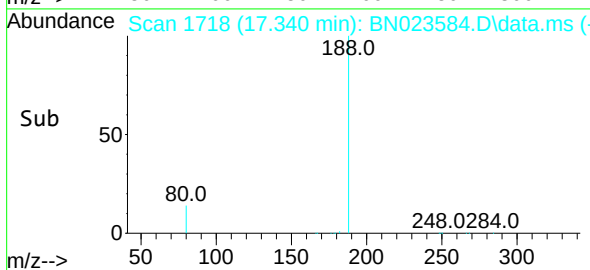
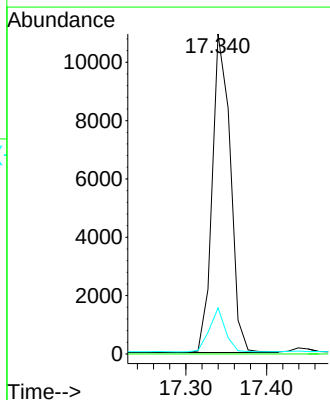
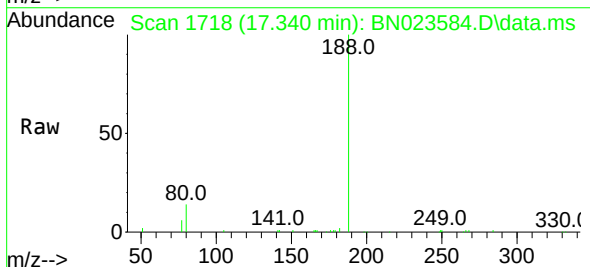
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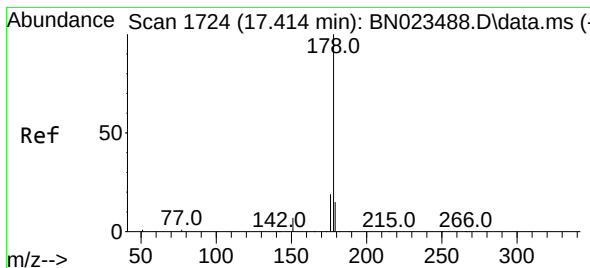
Reviewed By :Christian Giraldo 01/09/2023
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

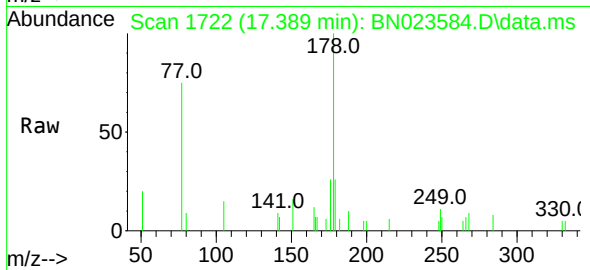
Tgt Ion:188 Resp: 16987
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 6.7 10.1#





#25
Phenanthrene
Concen: 0.025 ng m
RT: 17.389 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

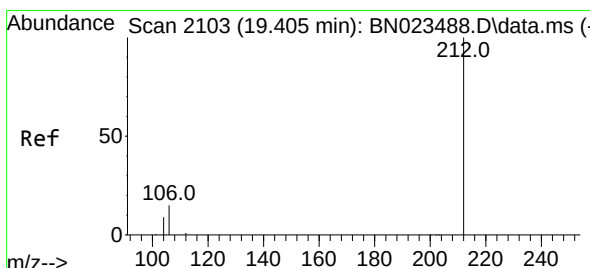
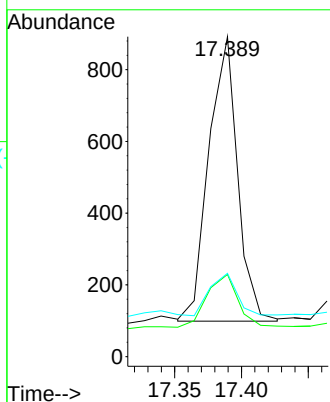
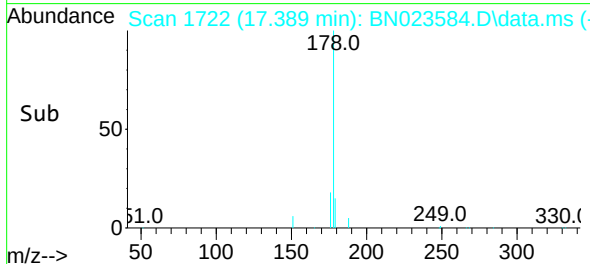
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion:178 Resp: 1180
Ion Ratio Lower Upper
178 100
176 22.8 15.7 23.5
179 22.8 12.2 18.4

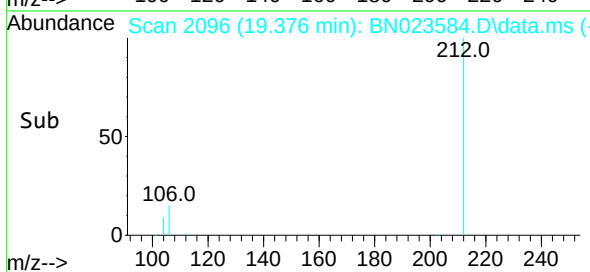
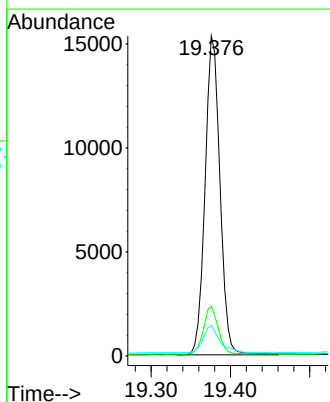
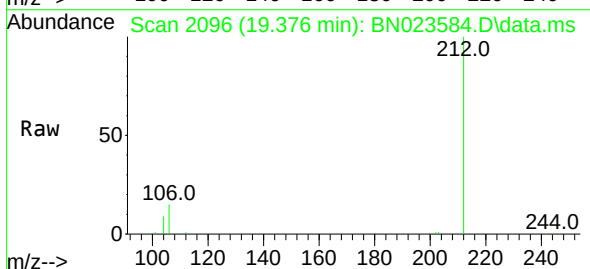
Manual Integrations
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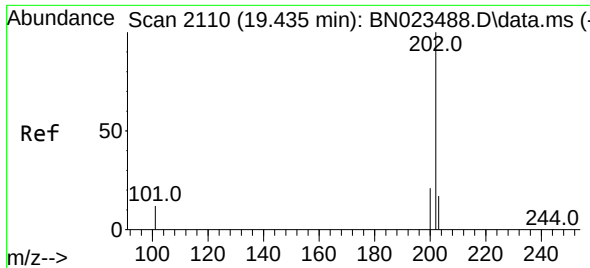
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023



#27
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.004 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

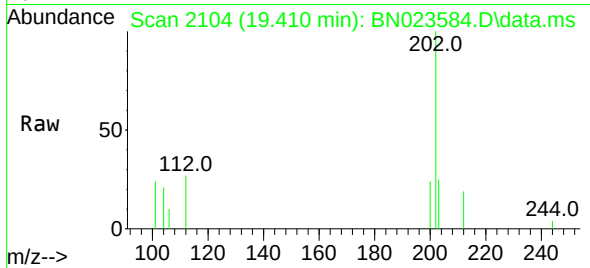
Tgt Ion:212 Resp: 19967
Ion Ratio Lower Upper
212 100
106 15.0 12.3 18.5
104 9.3 6.8 10.2





#28
Fluoranthene
Concen: 0.029 ng
RT: 19.410 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

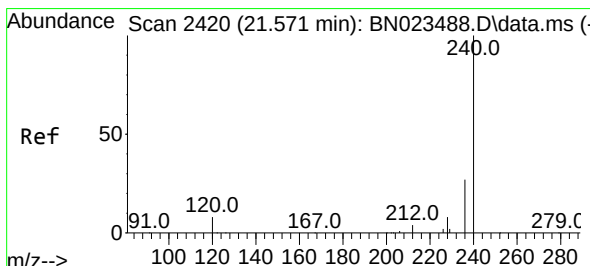
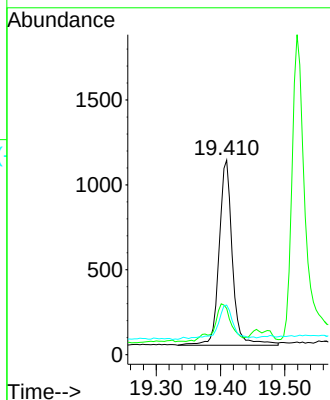
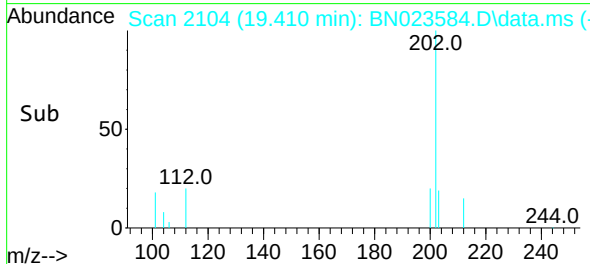
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion:202 Resp: 156
Ion Ratio Lower Upper
202 100
101 25.5 9.6 14.4
203 20.0 13.8 20.8

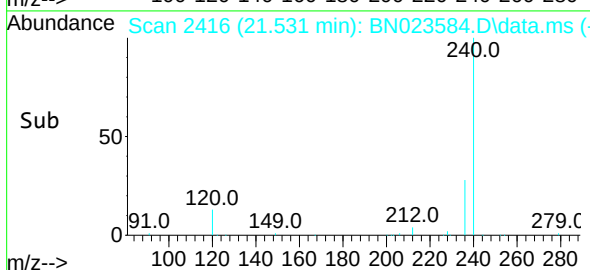
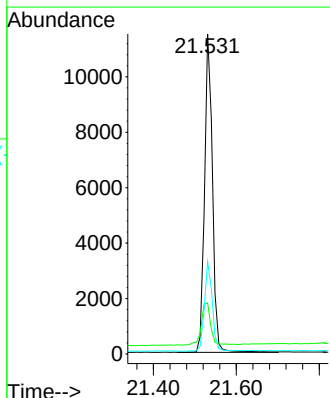
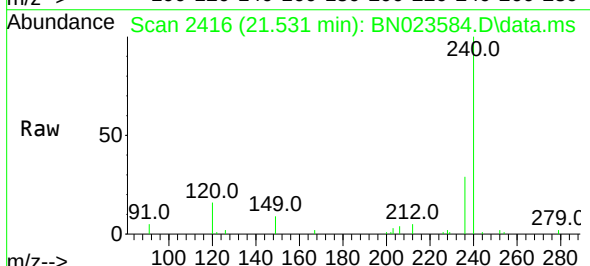
Manual Integrations
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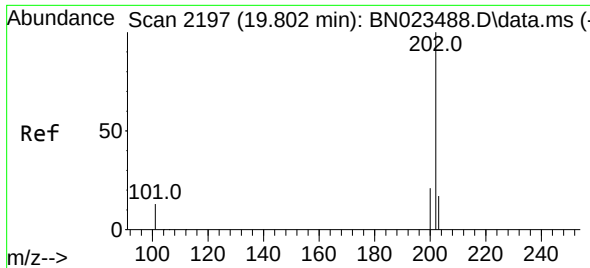
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.531 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

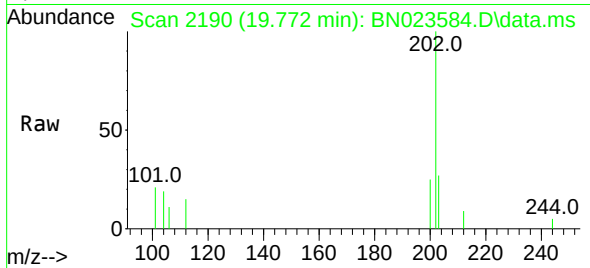
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Ion Ratio Lower Upper
240 100
120 16.0 8.9 13.3
236 28.8 22.5 33.7





#30
Pyrene
Concen: 0.022 ng
RT: 19.772 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

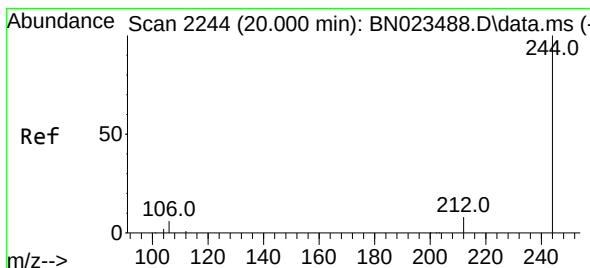
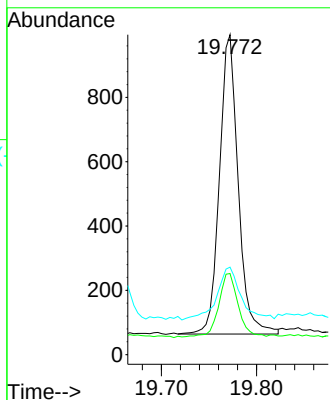
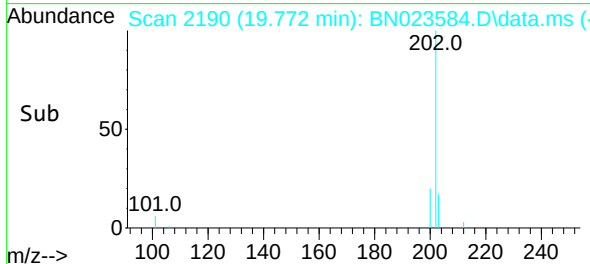
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04-289-310-010423



Tgt Ion:202 Resp: 127
Ion Ratio Lower Upper
202 100
200 22.9 17.0 25.4
203 22.7 14.4 21.6

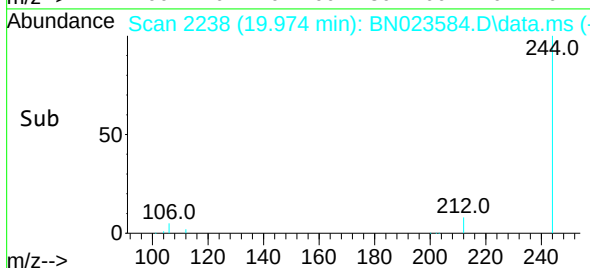
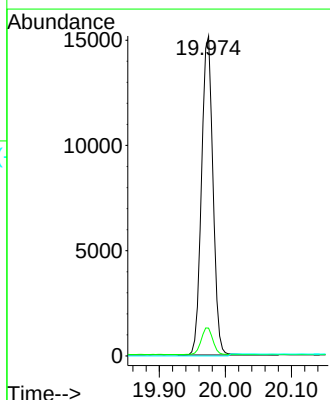
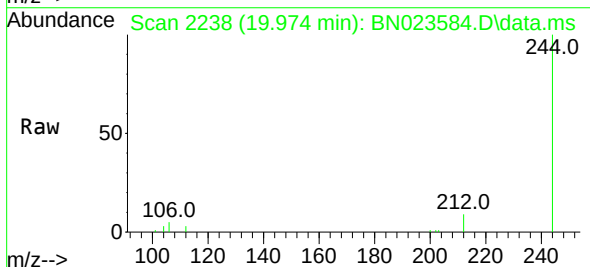
Manual Integrations
APPROVED

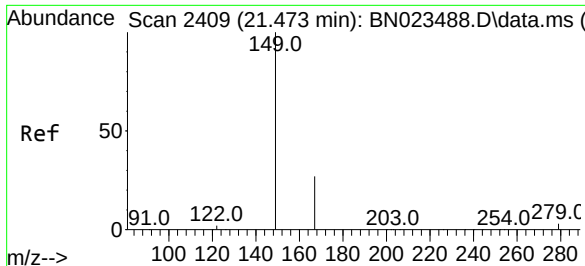
Reviewed By :Christian Giraldo 01/09/2023
Supervised By :Jagrut Upadhyay 01/09/2023



#31
Terphenyl-d14
Concen: 0.679 ng
RT: 19.974 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BN023584.D
Acq: 06 Jan 2023 23:01

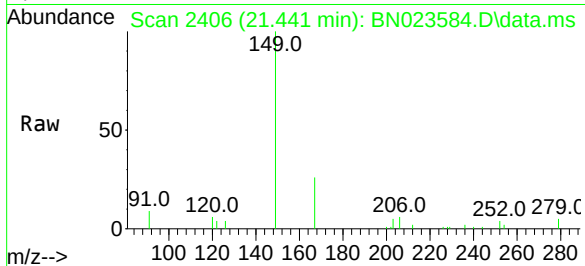
Tgt Ion:244 Resp: 24116
Ion Ratio Lower Upper
244 100
212 8.7 7.4 11.0
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.180 ng
 RT: 21.441 min Scan# 2406
 Delta R.T. -0.005 min
 Lab File: BN023584.D
 Acq: 06 Jan 2023 23:01

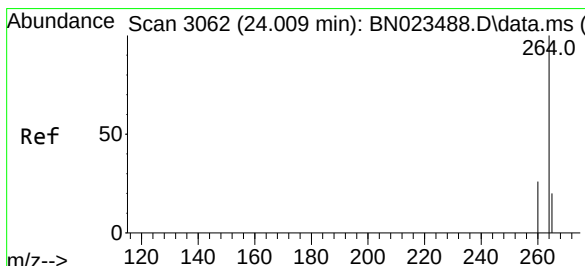
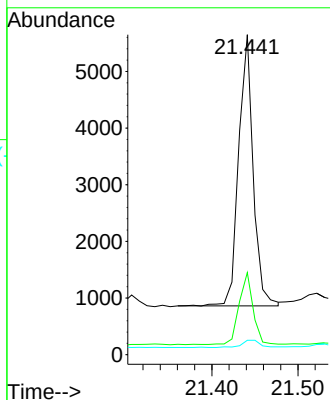
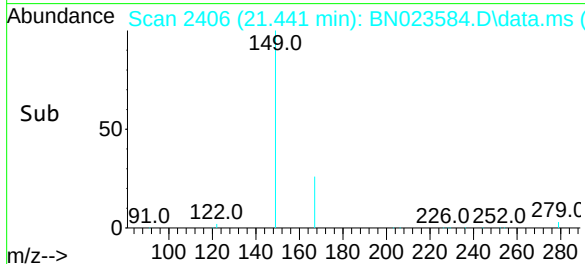
Instrument : BNA_N
 ClientSampleId : GWOW-BR-04-289-310-010423



Tgt Ion:149 Resp: 5632
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.6
 279 3.5 2.2 3.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/09/2023
 Supervised By :Jagrut Upadhyay 01/09/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.958 min Scan# 3044
 Delta R.T. -0.008 min
 Lab File: BN023584.D
 Acq: 06 Jan 2023 23:01

Tgt Ion:264 Resp: 13052
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.1 31.7
 265 59.5 48.9 73.3

