

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022971.D
 Acq On : 30 Nov 2022 04:06
 Operator : CG/JU
 Sample : N5729-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20221117

Quant Time: Nov 30 04:37:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6190	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	16260	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7356	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13840	0.400	ng	0.00
29) Chrysene-d12	21.625	240	8115	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	6095	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1693	0.105	ng	0.00
5) Phenol-d6	7.204	99	1307	0.064	ng	0.00
8) Nitrobenzene-d5	9.217	82	4304m	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	7564	0.214	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	39	0.011	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	14473	0.430	ng	0.00
27) Fluoranthene-d10	19.469	212	9980	0.265	ng	0.00
31) Terphenyl-d14	20.058	244	7610	0.399	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.441	88	25716	3.273	ng	99
6) bis(2-Chloroethyl)ether	7.479	93	464	0.024	ng	91
34) Bis(2-ethylhexyl)phtha...	21.535	149	565	0.043	ng	# 99

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

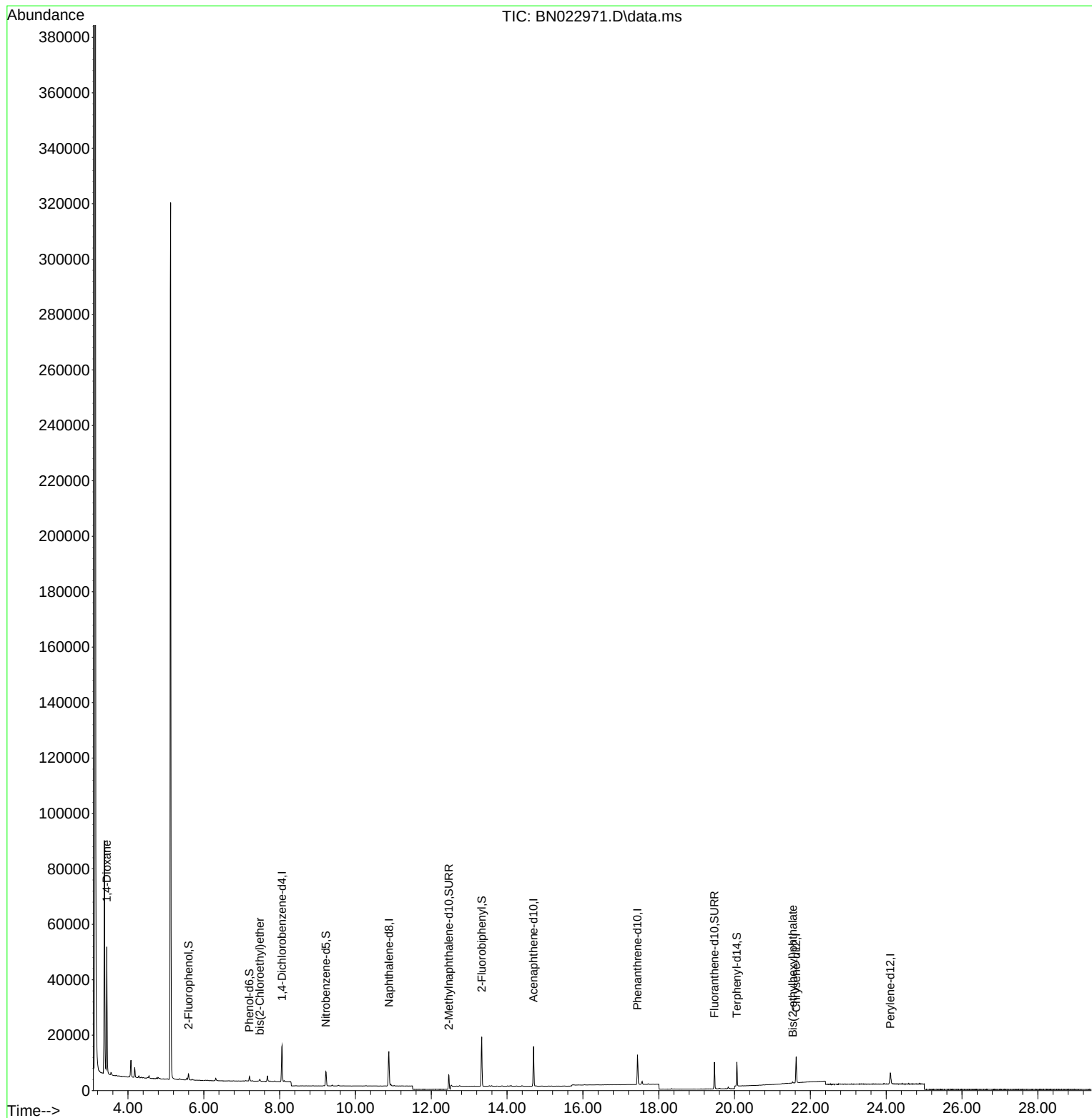
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022971.D
Acq On : 30 Nov 2022 04:06
Operator : CG/JU
Sample : N5729-04
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ALS Vial : 29 Sample Multiplier: 1

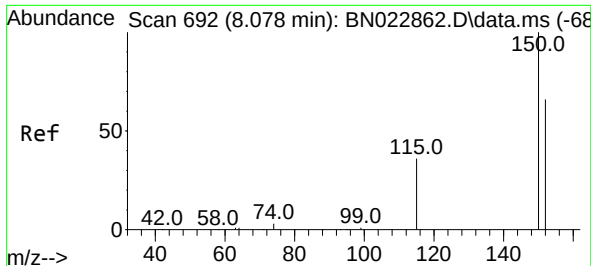
Instrument :
BNA_N
ClientSampleId :
DUP02-20221117

Quant Time: Nov 30 04:37:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

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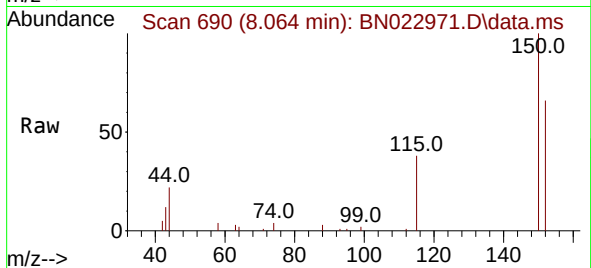
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: BN022971.D
 Acq: 30 Nov 2022 04:06

Instrument :

BNA_N

ClientSampleId :

DUP02-20221117

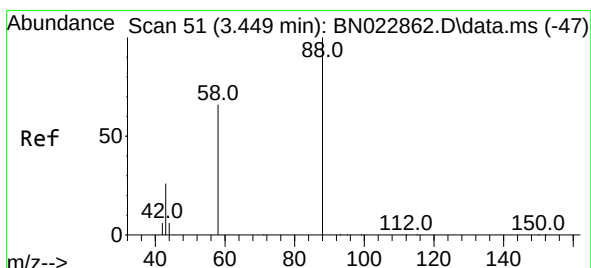
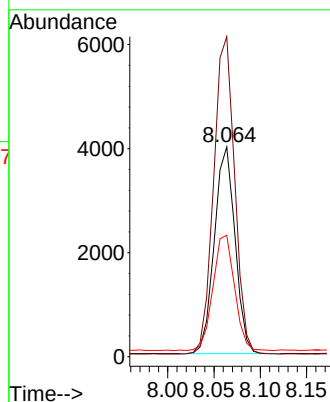
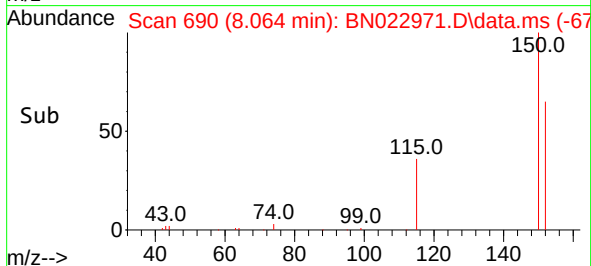


Tgt Ion:152 Resp: 6190
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.2 181.8
 115 57.9 46.2 69.4

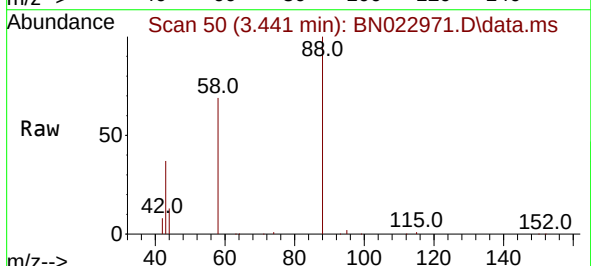
Manual Integrations

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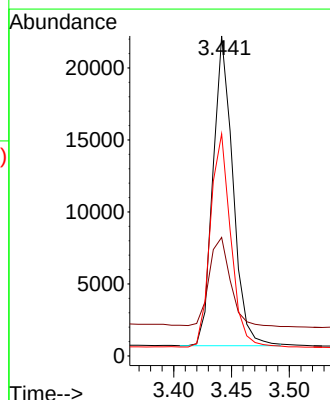
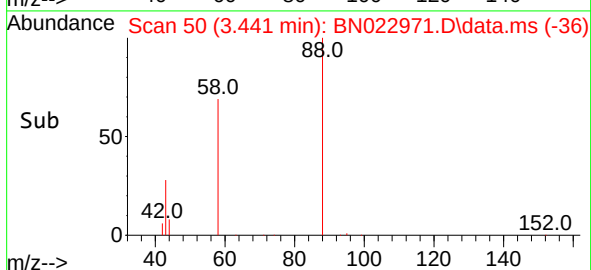
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 Supervised By :mohammad ahmed 12/01/2022

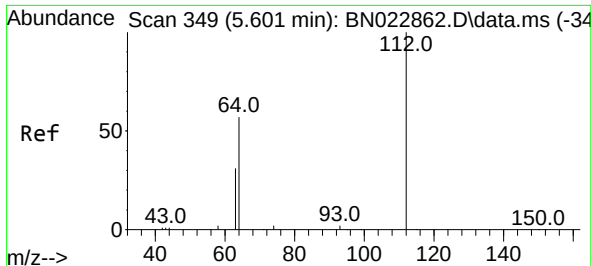


#2
 1,4-Dioxane
 Concen: 3.273 ng
 RT: 3.441 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022971.D
 Acq: 30 Nov 2022 04:06



Tgt Ion: 88 Resp: 25716
 Ion Ratio Lower Upper
 88 100
 43 30.8 25.4 38.2
 58 70.3 56.5 84.7





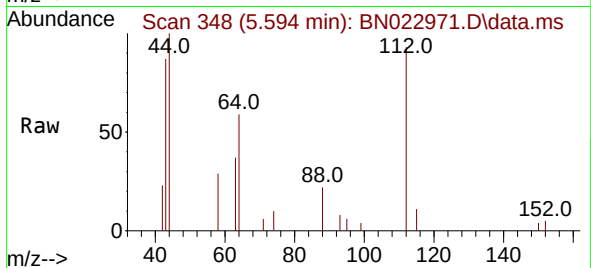
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.007 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Instrument :

BNA_N

ClientSampleId :

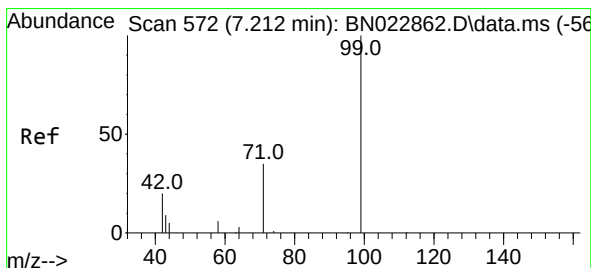
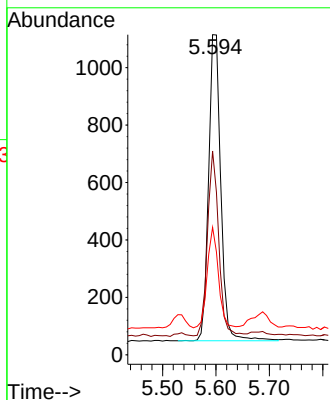
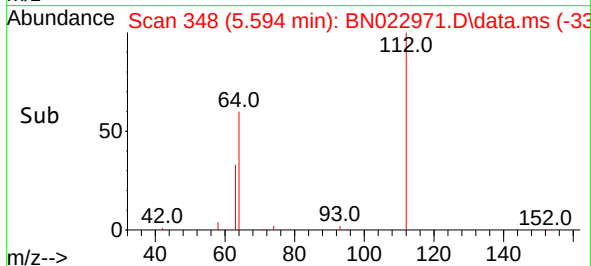
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Tgt Ion:112 Resp: 169
Ion Ratio Lower Upper
112 100
64 55.5 43.4 65.2
63 29.9 23.4 35.2

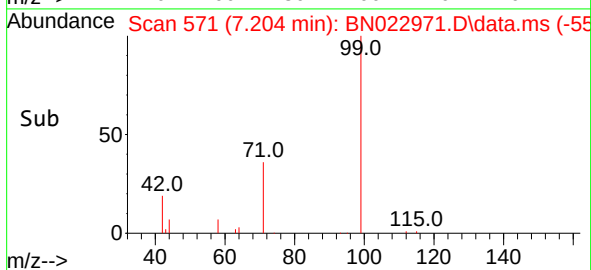
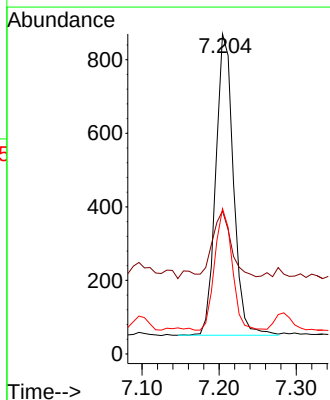
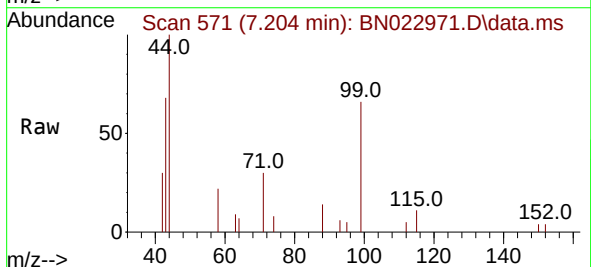
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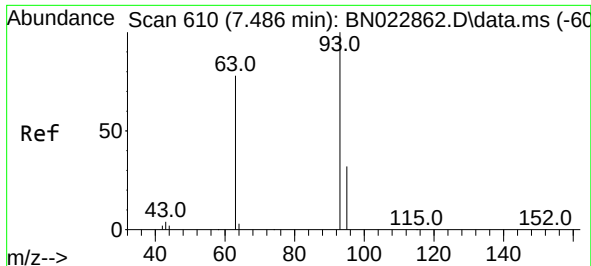
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#5
Phenol-d6
Concen: 0.064 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

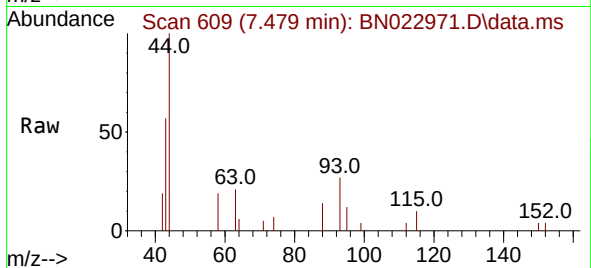
Tgt Ion: 99 Resp: 1307
Ion Ratio Lower Upper
99 100
42 22.8 16.0 24.0
71 39.5 26.8 40.2





#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

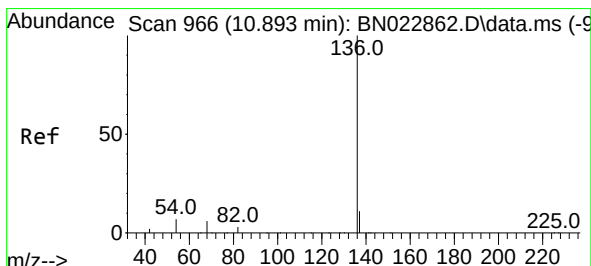
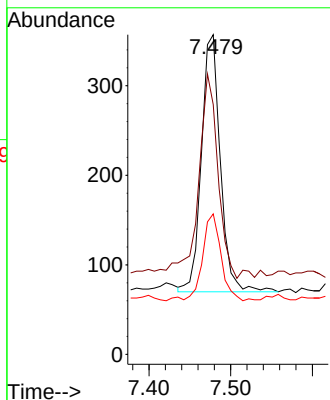
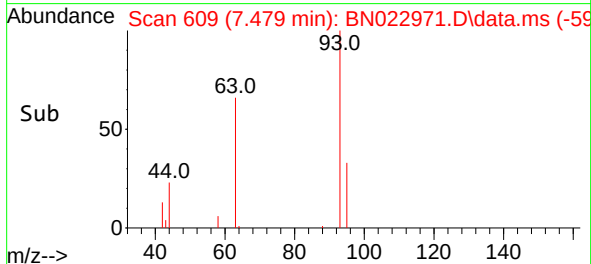
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BNA_N
ClientSampleId :
DUP02-20221117



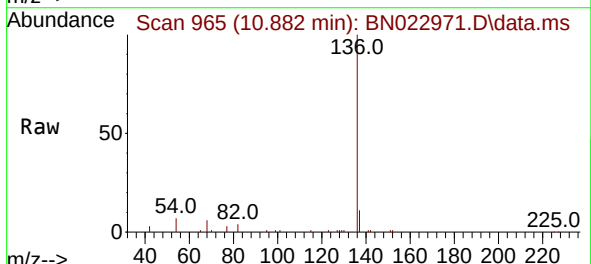
Tgt Ion: 93 Resp: 464
Ion Ratio Lower Upper
93 100
63 83.0 58.3 87.5
95 33.4 25.8 38.6

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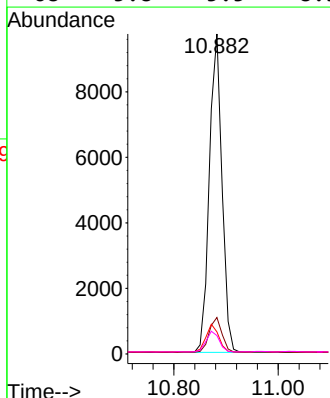
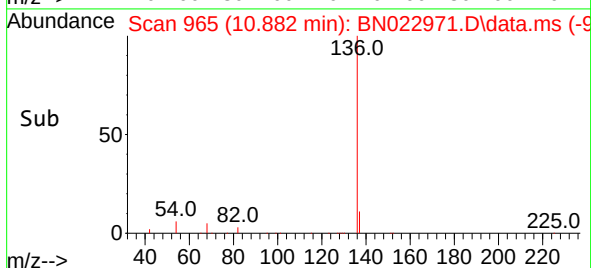
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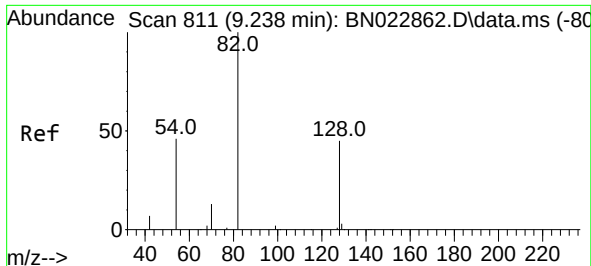


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06



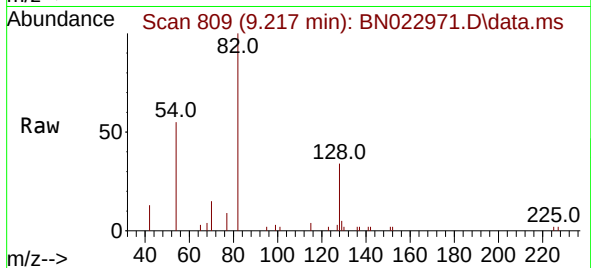
Tgt Ion:136 Resp: 16260
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.9 6.6 9.8
68 5.8 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.341 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

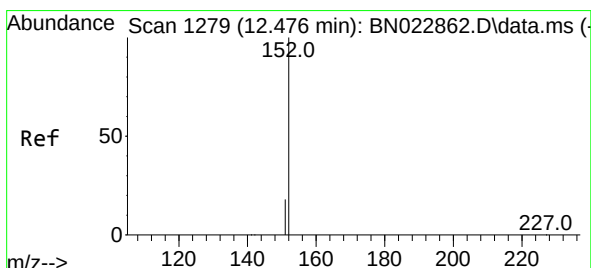
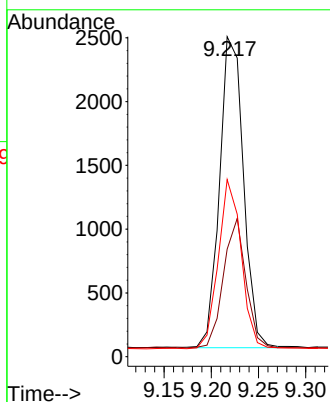
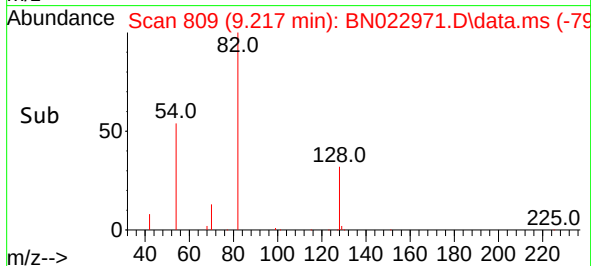
Instrument :
BNA_N
ClientSampleId :
DUP02-20221117



Tgt Ion: 82 Resp: 4304
Ion Ratio Lower Upper
82 100
128 33.6 36.6 54.8
54 55.4 38.5 57.7

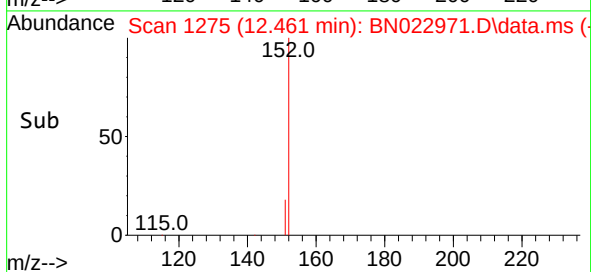
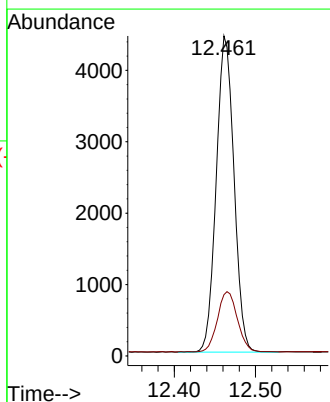
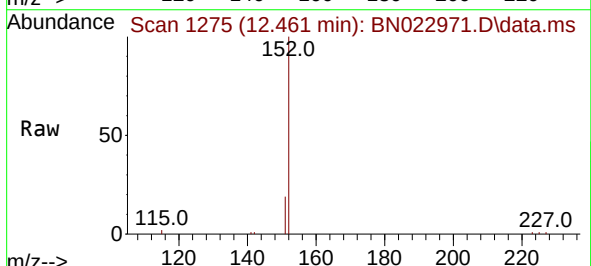
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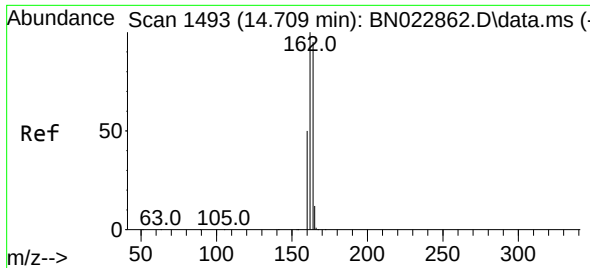
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#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 12.461 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

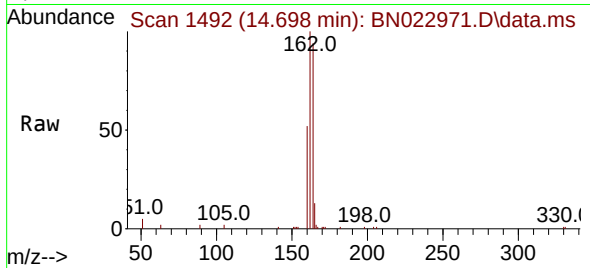
Tgt Ion:152 Resp: 7564
Ion Ratio Lower Upper
152 100
151 21.9 18.6 27.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

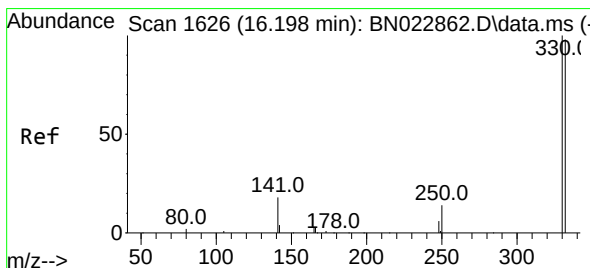
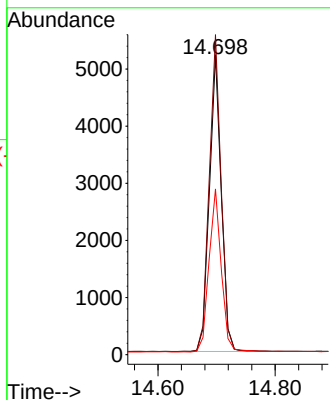
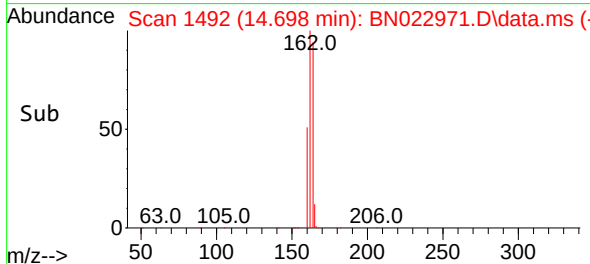
Instrument :
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ClientSampleId :
DUP02-20221117



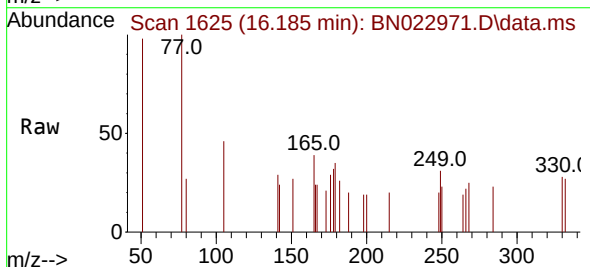
Tgt Ion:164 Resp: 7350
Ion Ratio Lower Upper
164 100
162 106.7 84.2 126.4
160 55.3 42.5 63.7

Manual Integrations
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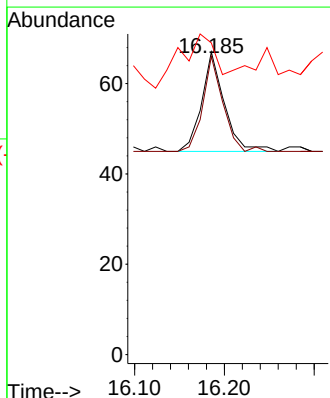
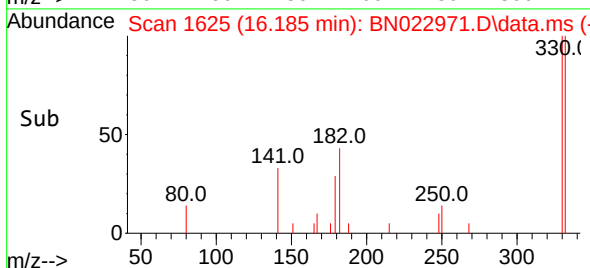
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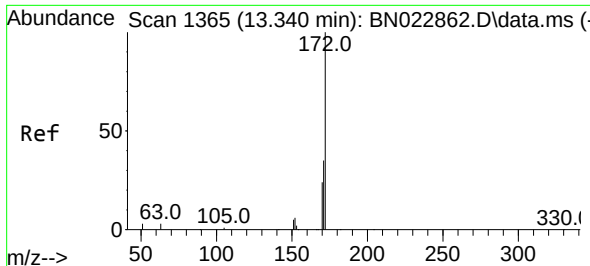


#14
2,4,6-Tribromophenol
Concen: 0.011 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06



Tgt Ion:330 Resp: 39
Ion Ratio Lower Upper
330 100
332 84.6 76.5 114.7
141 92.3 32.6 48.8#





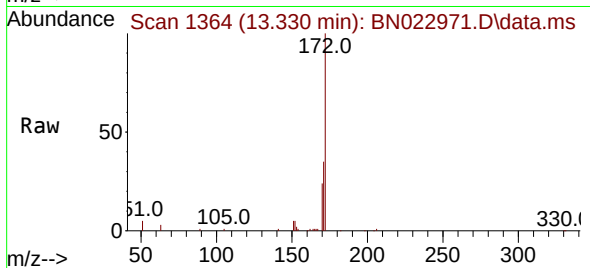
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Instrument :

BNA_N

ClientSampleId :

DUP02-20221117

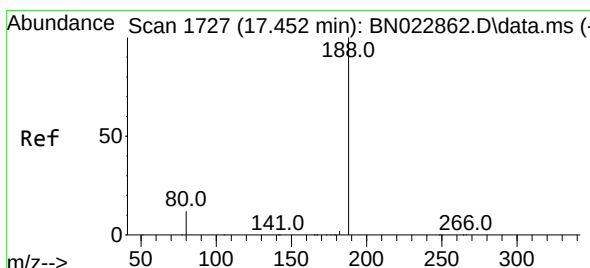
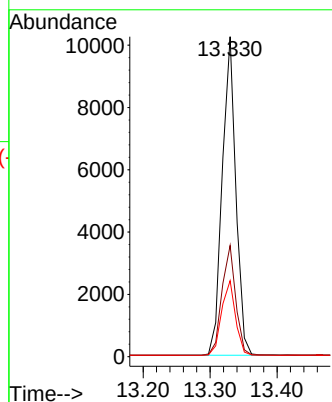
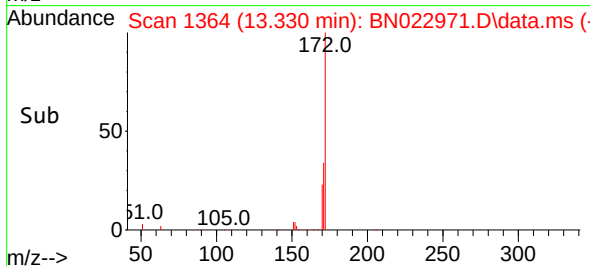


Tgt Ion:172 Resp: 1447
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.7 19.3 28.9

Manual Integrations

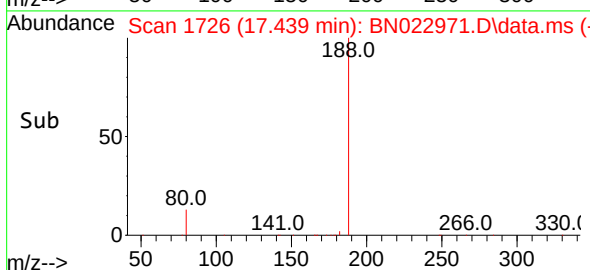
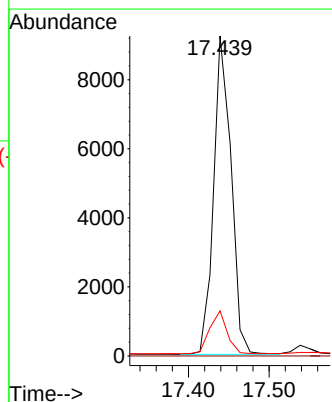
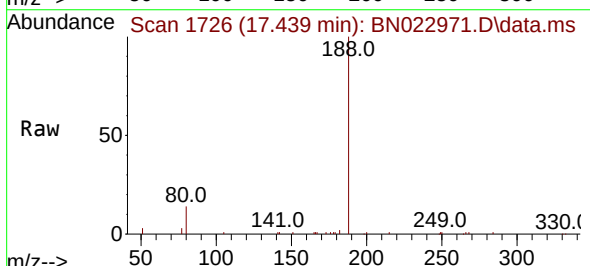
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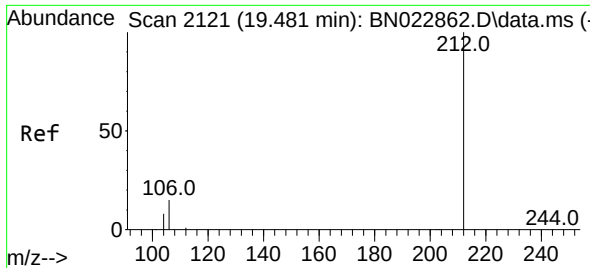
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

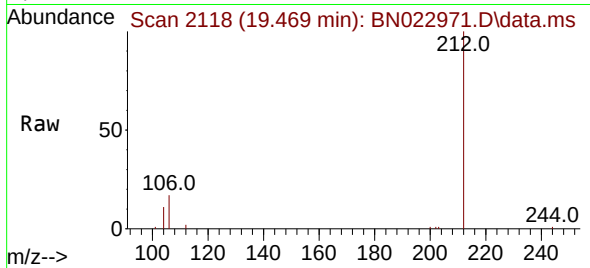
Tgt Ion:188 Resp: 13840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 10.3 15.5





#27
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

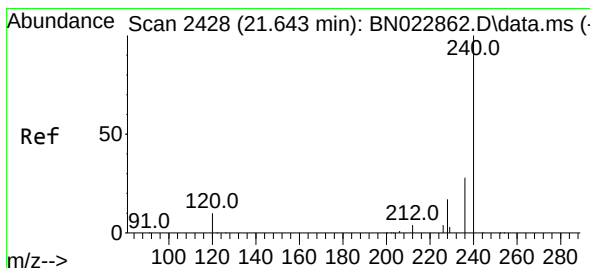
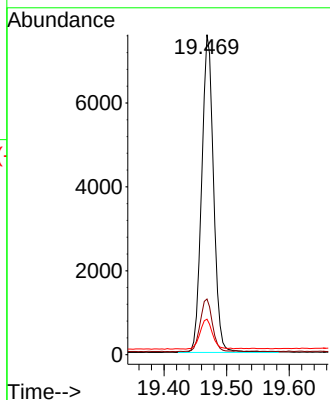
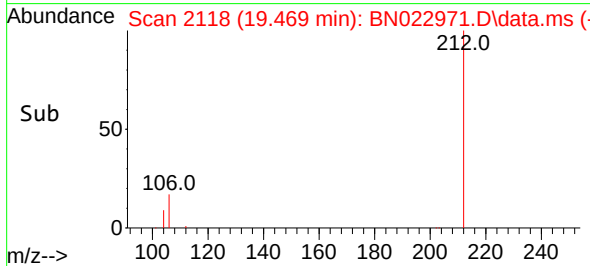
Instrument :
BNA_N
ClientSampleId :
DUP02-20221117



Tgt Ion:212 Resp: 9980
Ion Ratio Lower Upper
212 100
106 17.1 12.3 18.5
104 9.8 7.0 10.4

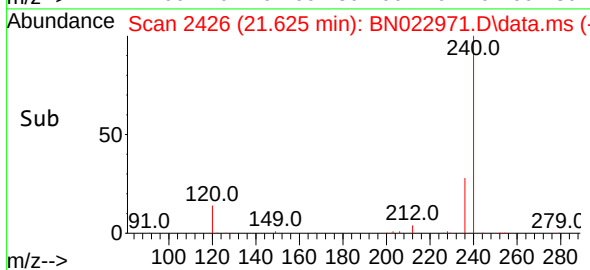
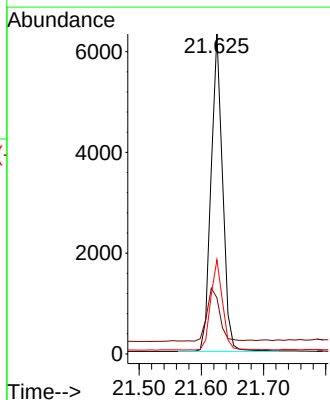
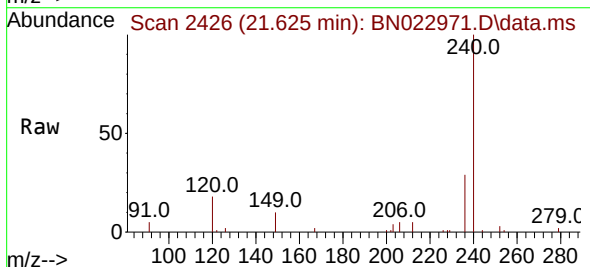
Manual Integrations
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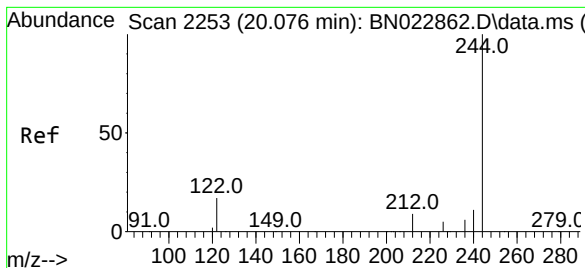
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022971.D
Acq: 30 Nov 2022 04:06

Tgt Ion:240 Resp: 8115
Ion Ratio Lower Upper
240 100
120 17.5 9.2 13.8#
236 29.4 22.6 34.0





#31

Terphenyl-d14

Concen: 0.399 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN022971.D

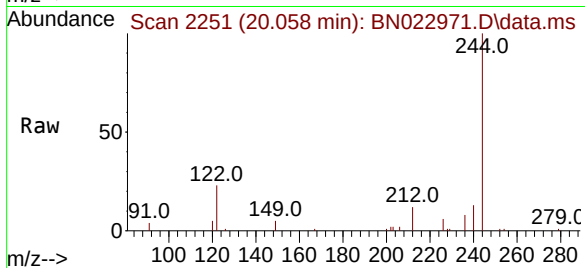
Acq: 30 Nov 2022 04:06

Instrument :

BNA_N

ClientSampleId :

DUP02-20221117



Tgt Ion:244 Resp: 7610

Ion Ratio Lower Upper

244 100

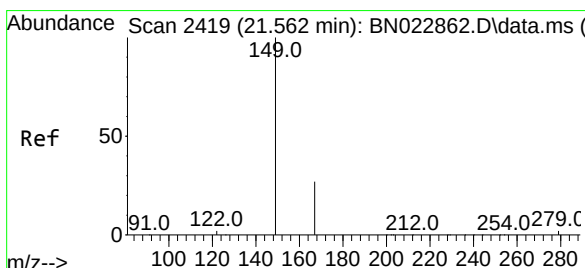
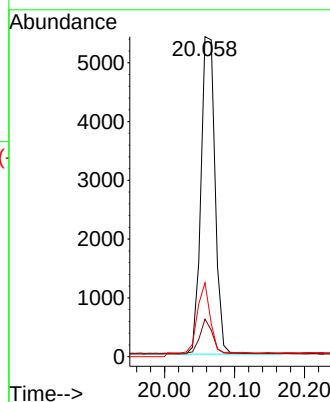
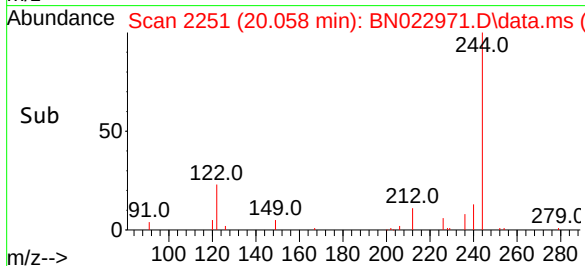
212 11.8 7.9 11.9

122 23.1 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.043 ng

RT: 21.535 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN022971.D

Acq: 30 Nov 2022 04:06

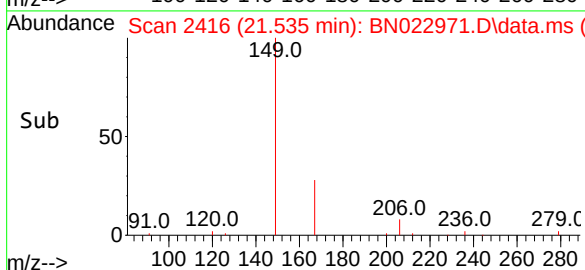
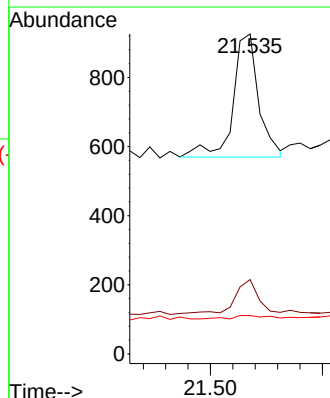
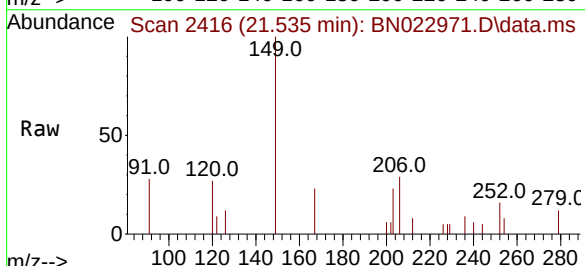
Tgt Ion:149 Resp: 565

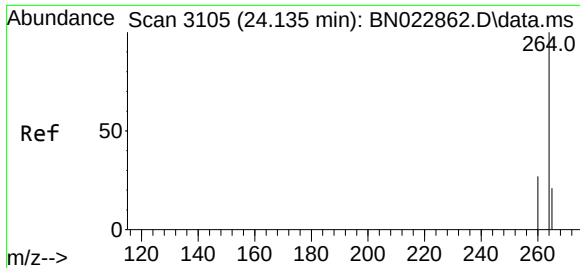
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 5.0 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.109 min Scan# 30

Delta R.T. -0.004 min

Lab File: BN022971.D

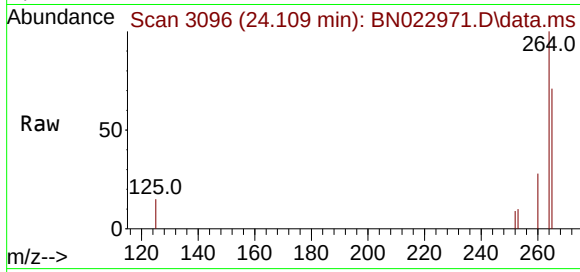
Acq: 30 Nov 2022 04:06

Instrument :

BNA_N

ClientSampleId :

DUP02-20221117



Tgt Ion:264 Resp: 609

Ion Ratio Lower Upper

264 100

260 28.2 21.7 32.5

265 71.1 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022

Supervised By :mohammad ahmed 12/01/2022

