

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022957.D
 Acq On : 29 Nov 2022 17:40
 Operator : CG/JU
 Sample : N5671-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20221115

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 08:21:36 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7220	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	19585	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	9648	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	19316	0.400	ng	# 0.01
29) Chrysene-d12	21.625	240	10726	0.400	ng	# 0.00
35) Perylene-d12	24.117	264	7156	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1614	0.086	ng	0.00
5) Phenol-d6	7.212	99	1380	0.058	ng	0.00
8) Nitrobenzene-d5	9.227	82	4523m	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.469	152	11023	0.259	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	896	0.192	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	15238	0.345	ng	0.00
27) Fluoranthene-d10	19.473	212	14404	0.275	ng	0.00
31) Terphenyl-d14	20.067	244	10342	0.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	3730	0.407	ng	98
34) Bis(2-ethylhexyl)phtha...	21.535	149	1073	0.062	ng	# 91

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

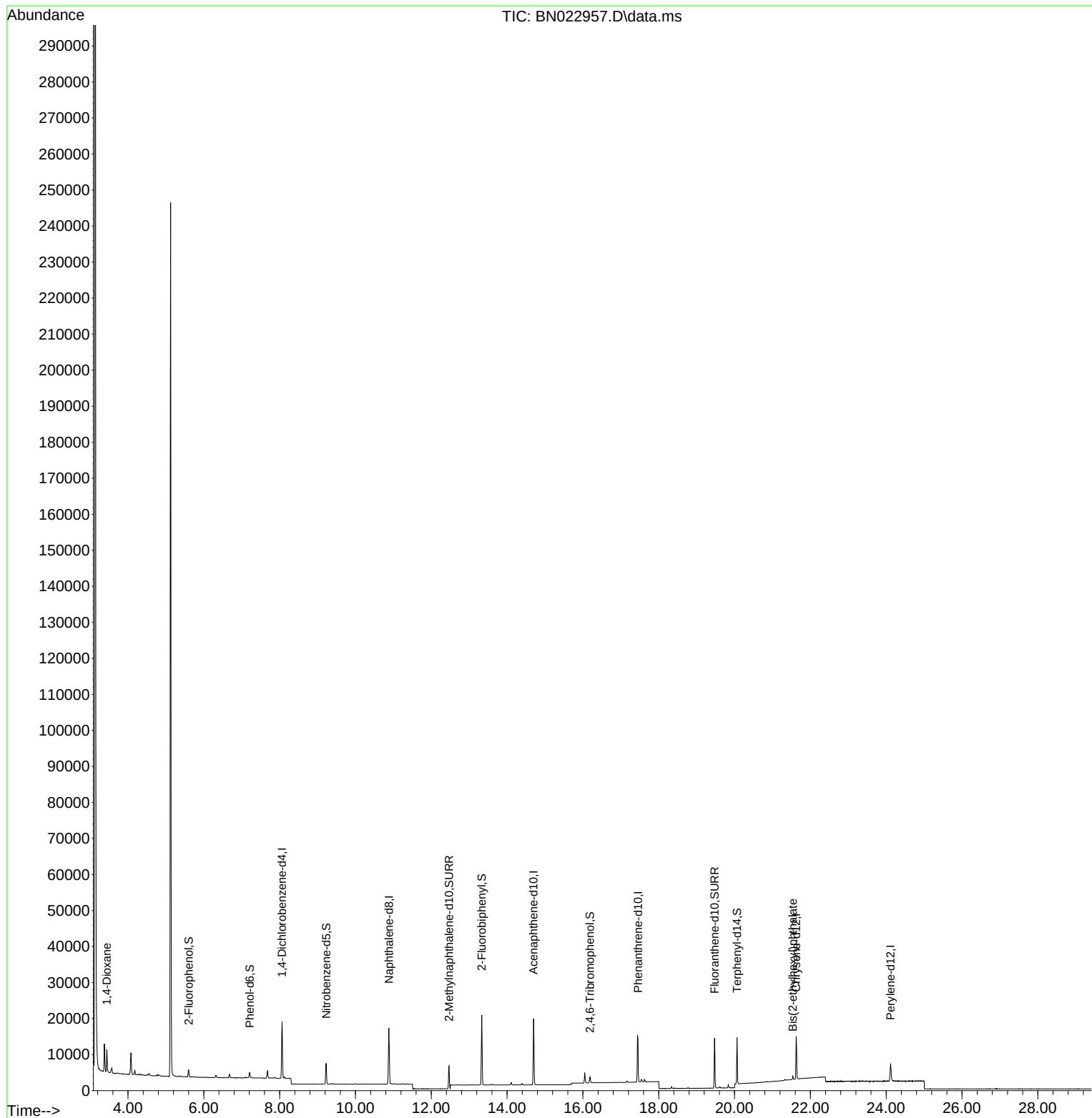
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022957.D
Acq On : 29 Nov 2022 17:40
Operator : CG/JU
Sample : N5671-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

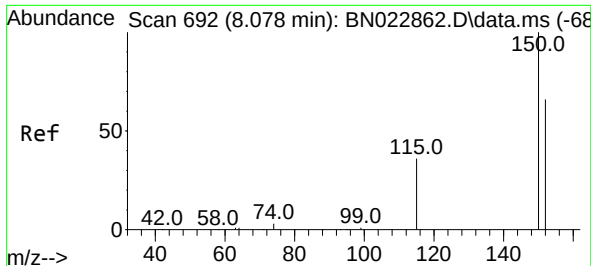
Instrument :
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RE134D1-20221115

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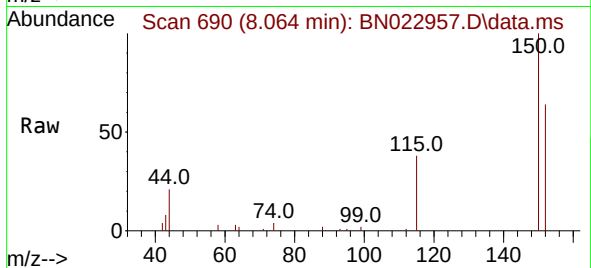
Quant Time: Nov 30 08:21:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: BN022957.D
 Acq: 29 Nov 2022 17:40

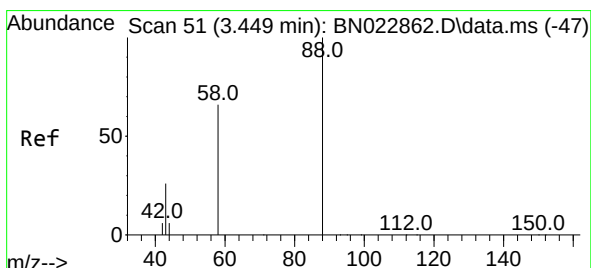
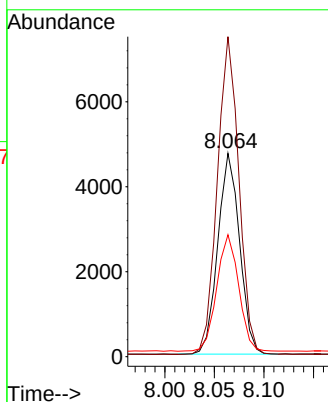
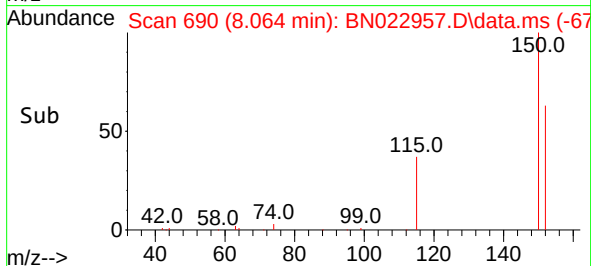
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20221115



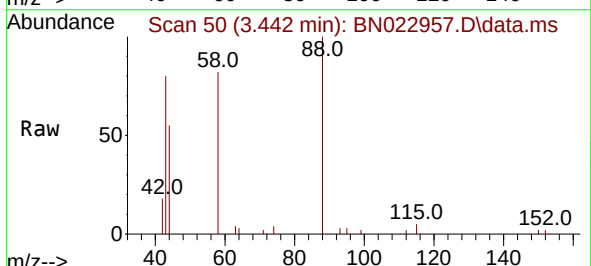
Tgt Ion: 152 Resp: 7220
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.2 181.8
 115 60.0 46.2 69.4

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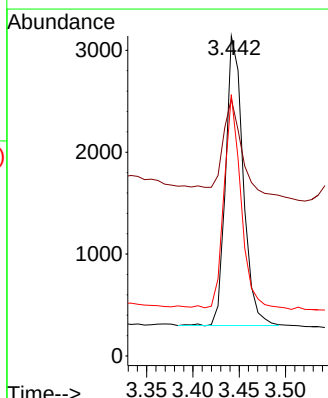
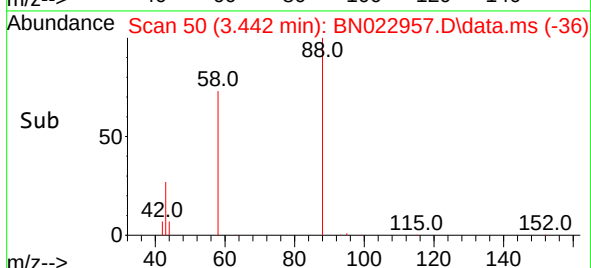
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

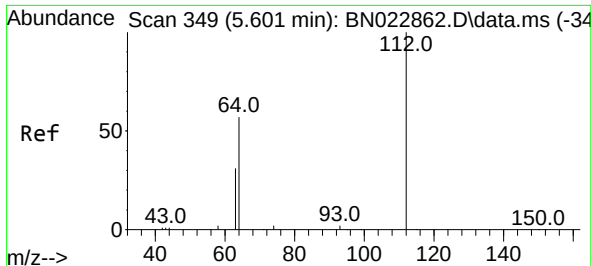


#2
 1,4-Dioxane
 Concen: 0.407 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022957.D
 Acq: 29 Nov 2022 17:40



Tgt Ion: 88 Resp: 3730
 Ion Ratio Lower Upper
 88 100
 43 34.9 25.4 38.2
 58 70.1 56.5 84.7





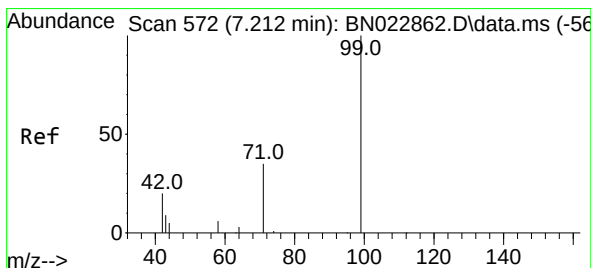
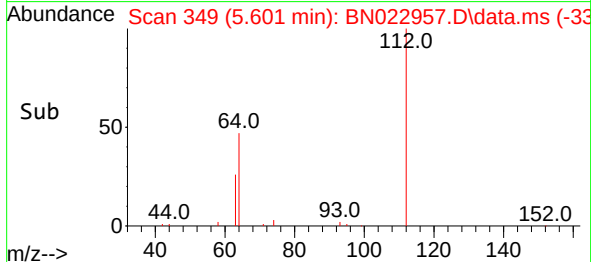
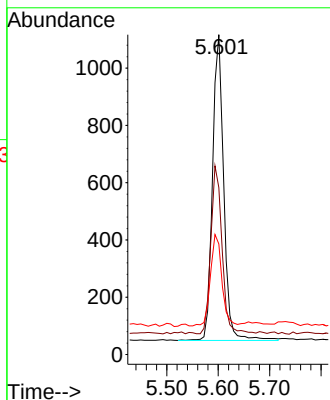
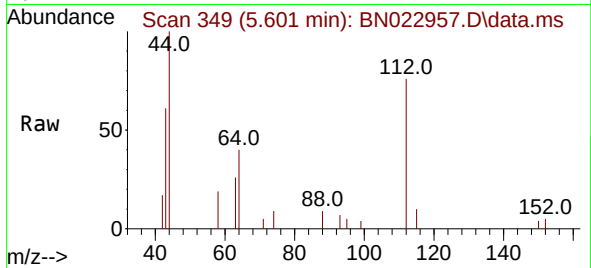
#4
2-Fluorophenol
Concen: 0.086 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

Instrument :
BNA_N
ClientSampleId :
RE134D1-20221115

Tgt Ion: 112 Resp: 1614
Ion Ratio Lower Upper
112 100
64 54.8 43.4 65.2
63 30.2 23.4 35.2

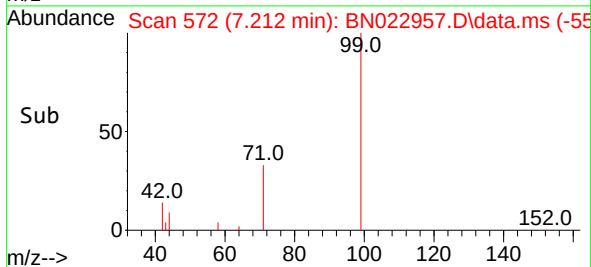
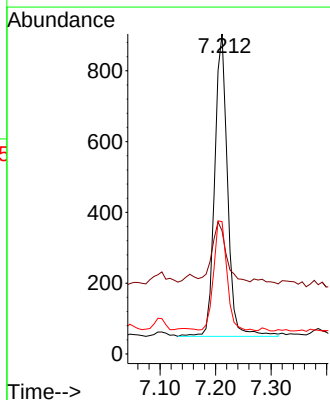
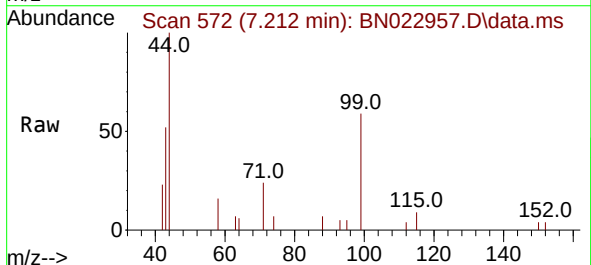
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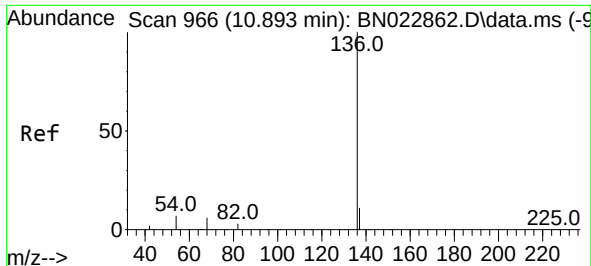
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.212 min Scan# 572
Delta R.T. 0.007 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

Tgt Ion: 99 Resp: 1380
Ion Ratio Lower Upper
99 100
42 21.2 16.0 24.0
71 37.5 26.8 40.2





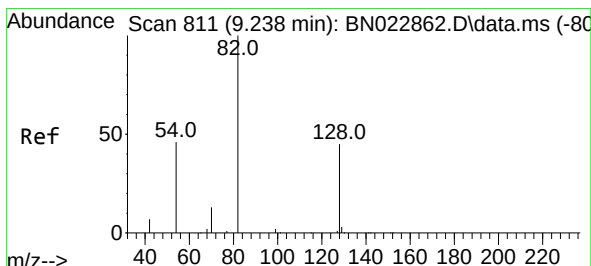
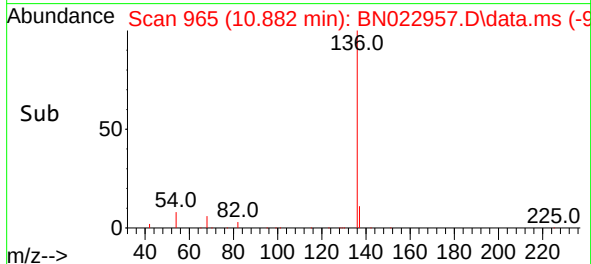
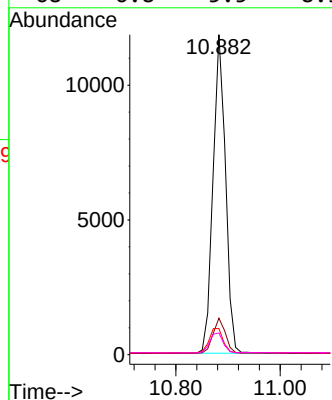
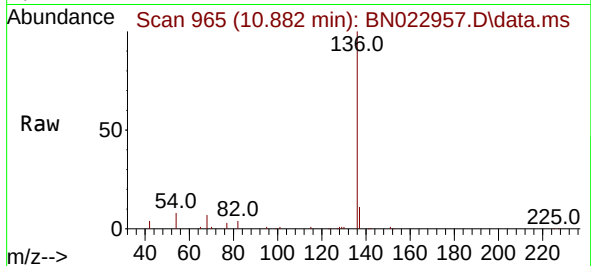
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

Instrument :
BNA_N
ClientSampleId :
RE134D1-20221115

Tgt Ion:136 Resp: 1958
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.2 6.6 9.8
68 6.8 5.5 8.3

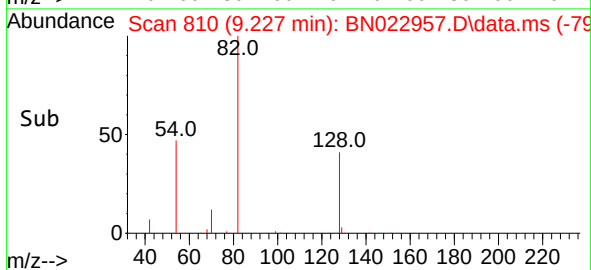
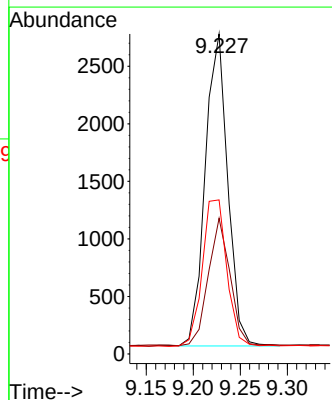
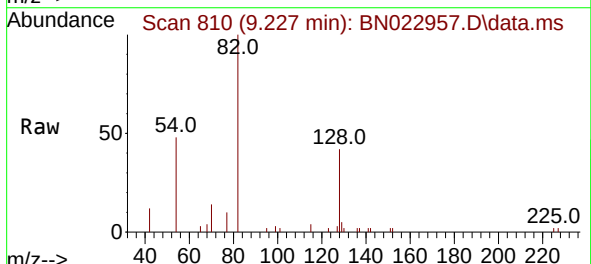
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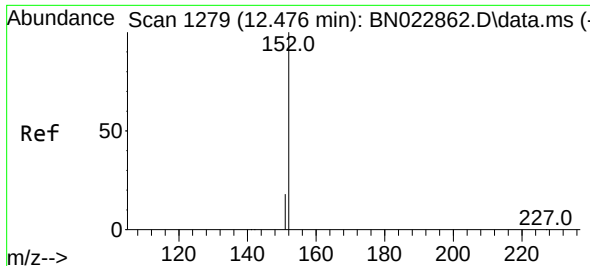
Reviewed By :Christian Giraldo 11/30/2022
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#8
Nitrobenzene-d5
Concen: 0.297 ng m
RT: 9.227 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

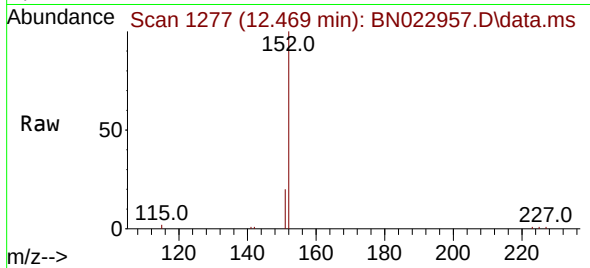
Tgt Ion: 82 Resp: 4523
Ion Ratio Lower Upper
82 100
128 42.4 36.6 54.8
54 48.1 38.5 57.7





#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.469 min Scan# 1102
Delta R.T. 0.004 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

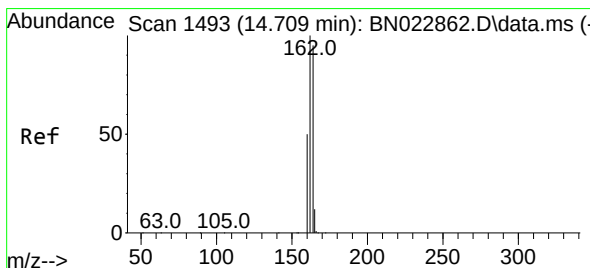
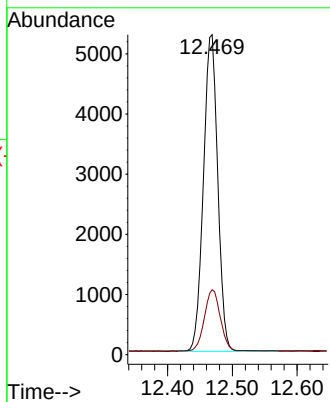
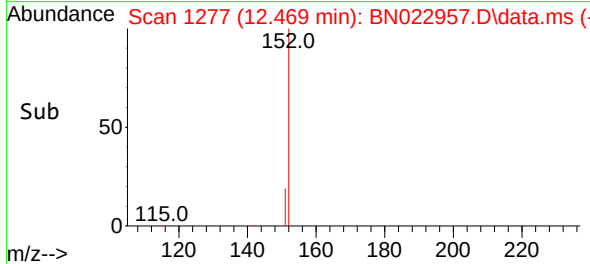
Instrument :
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ClientSampleId :
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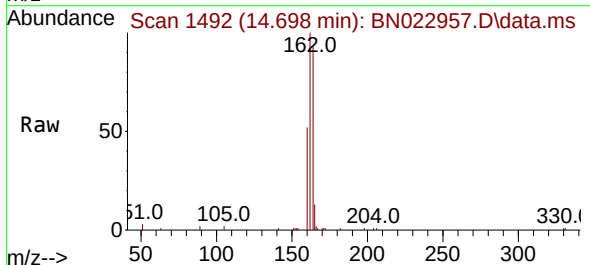
Tgt Ion:152 Resp: 1102
Ion Ratio Lower Upper
152 100
151 23.2 18.6 27.8

Manual Integrations
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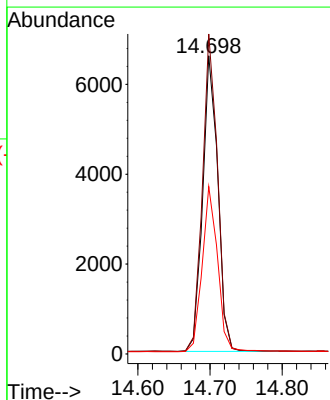
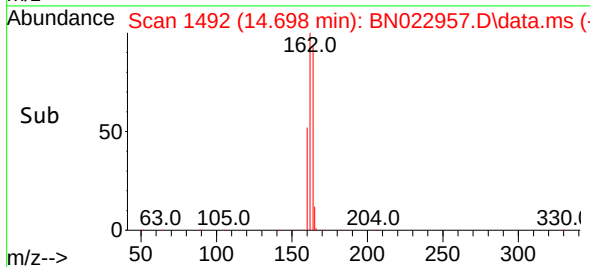
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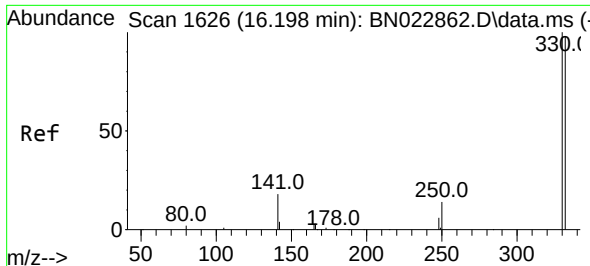


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40



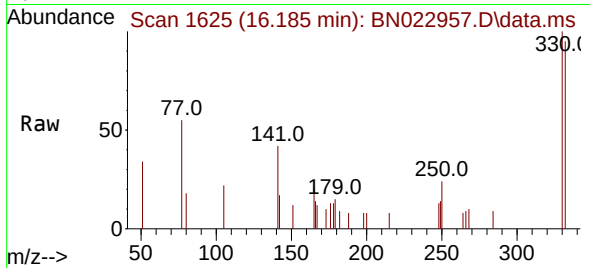
Tgt Ion:164 Resp: 9648
Ion Ratio Lower Upper
164 100
162 107.3 84.2 126.4
160 56.1 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

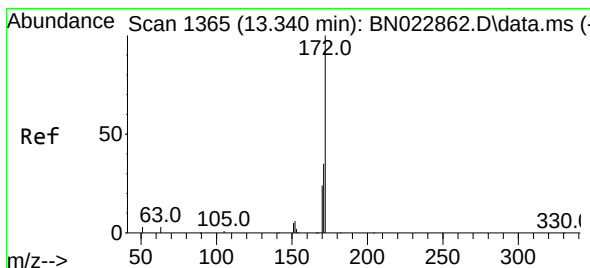
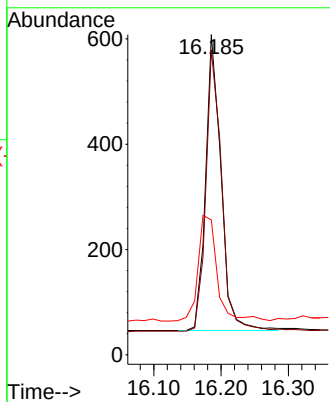
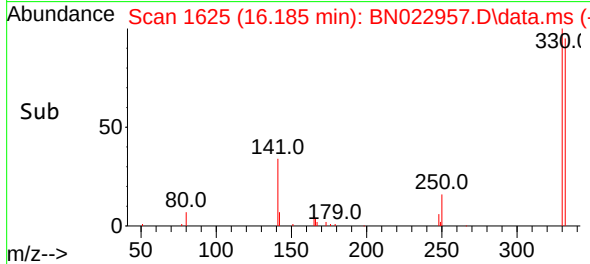
Instrument :
BNA_N
ClientSampleId :
RE134D1-20221115



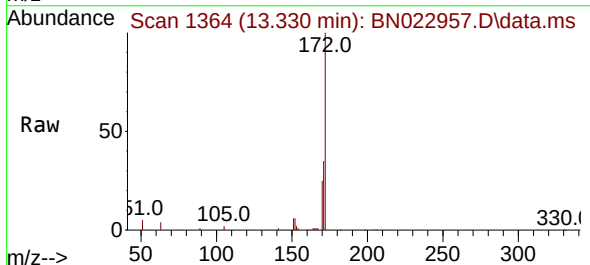
Tgt Ion:330 Resp: 890
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 43.8 32.6 48.8

Manual Integrations
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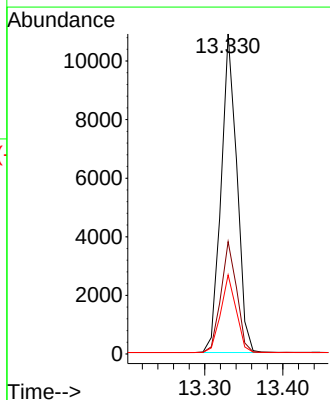
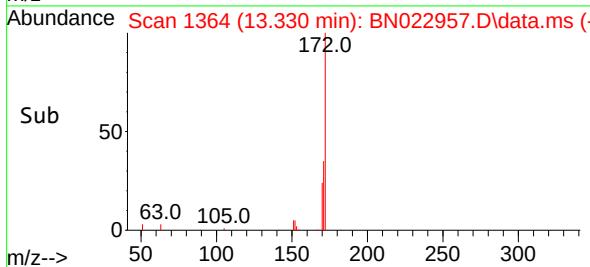
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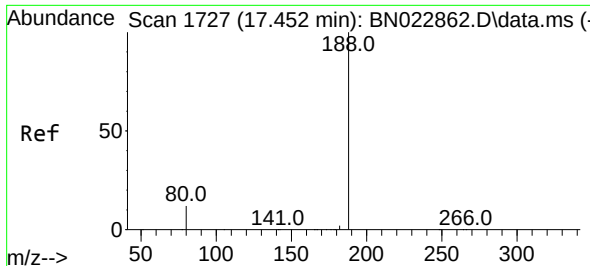


#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40



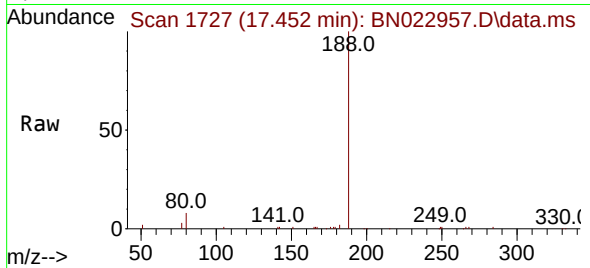
Tgt Ion:172 Resp: 15238
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 24.7 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

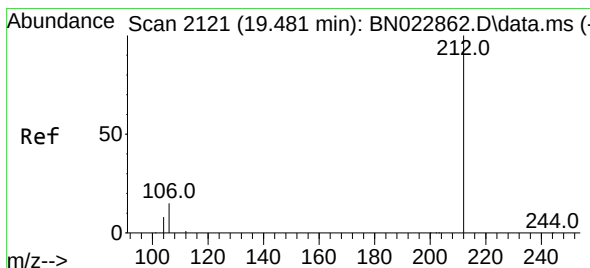
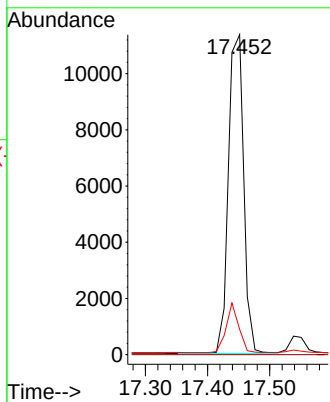
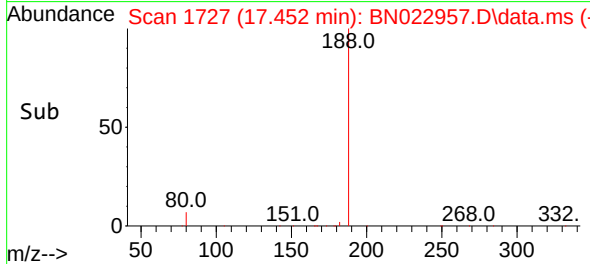
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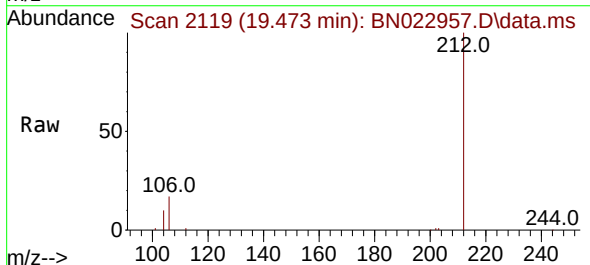
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 10.3 15.5

Manual Integrations
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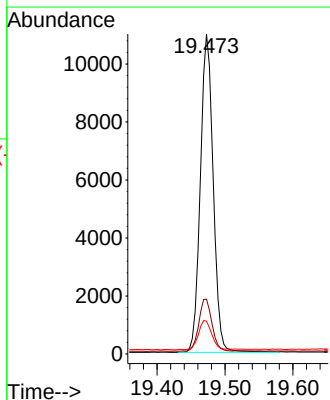
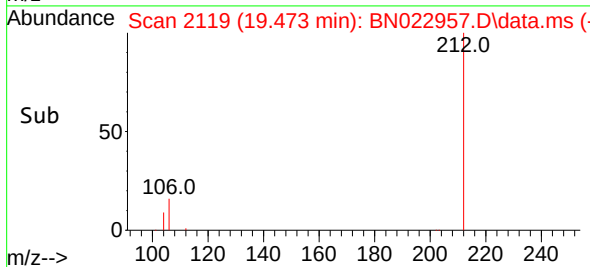
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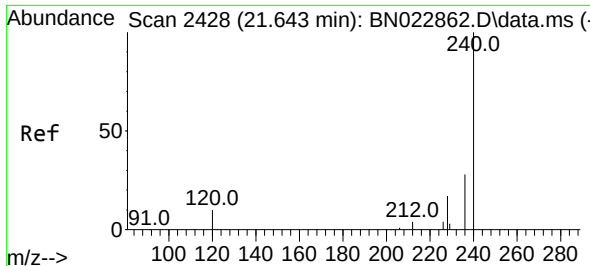


#27
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40



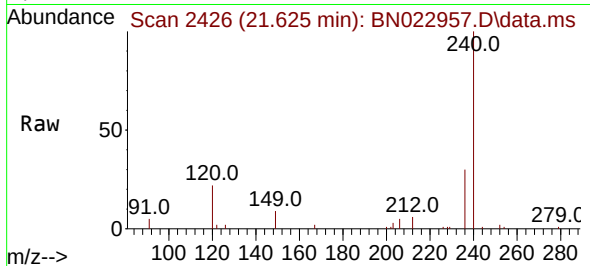
Tgt Ion:212 Resp: 14404
Ion Ratio Lower Upper
212 100
106 16.7 12.3 18.5
104 9.6 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

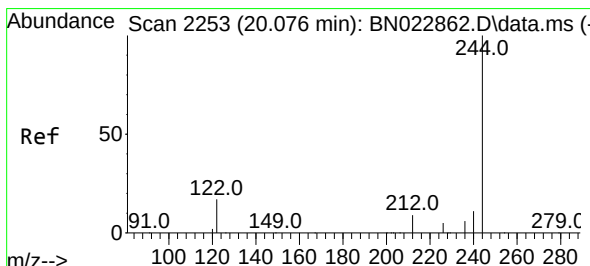
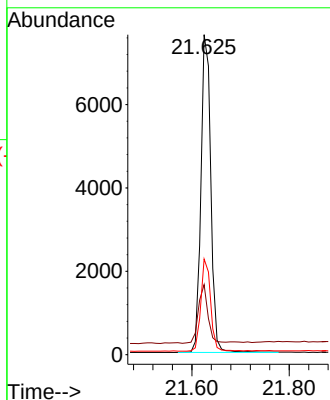
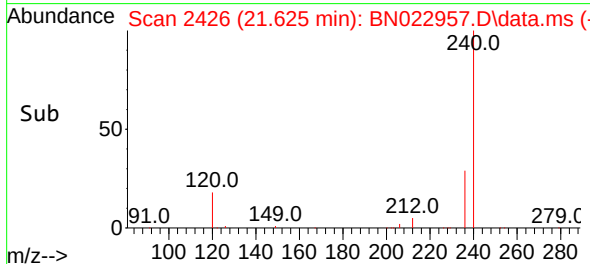
Instrument :
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RE134D1-20221115



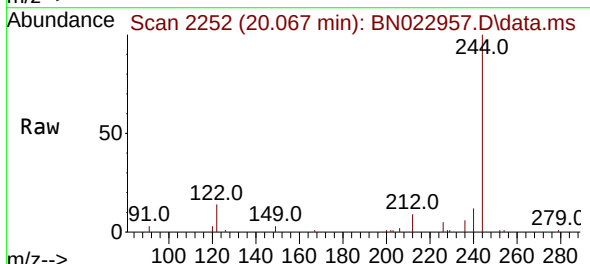
Tgt Ion:240 Resp: 10720
Ion Ratio Lower Upper
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120 21.9 9.2 13.8
236 29.9 22.6 34.0

Manual Integrations
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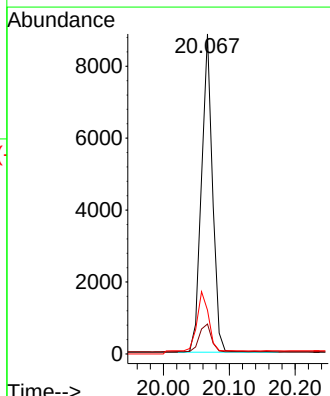
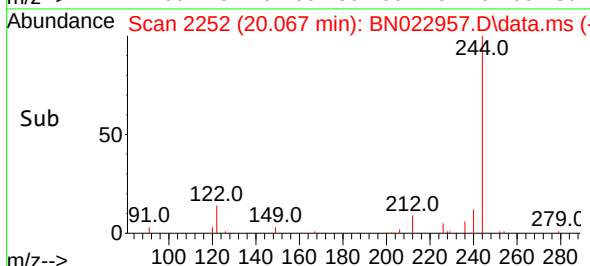
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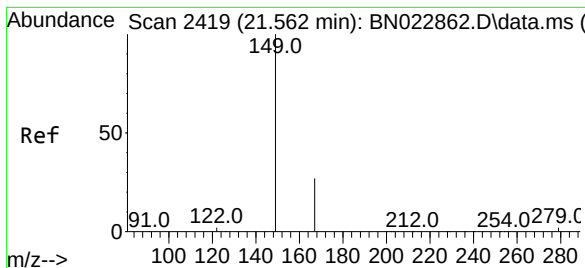


#31
Terphenyl-d14
Concen: 0.410 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40



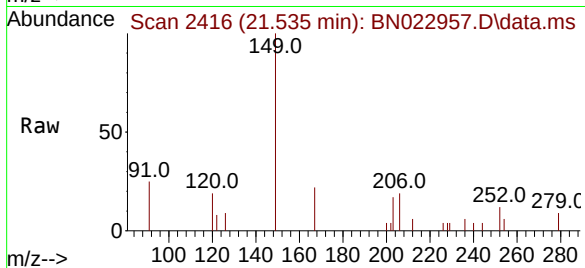
Tgt Ion:244 Resp: 10342
Ion Ratio Lower Upper
244 100
212 9.3 7.9 11.9
122 13.7 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.062 ng
RT: 21.535 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

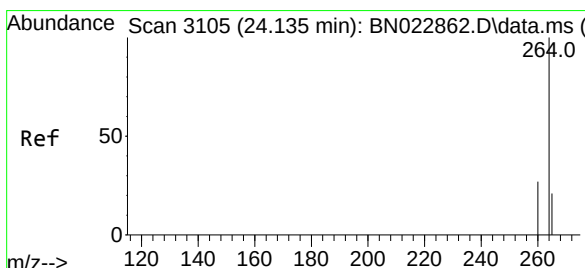
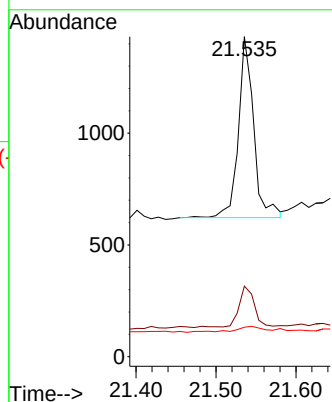
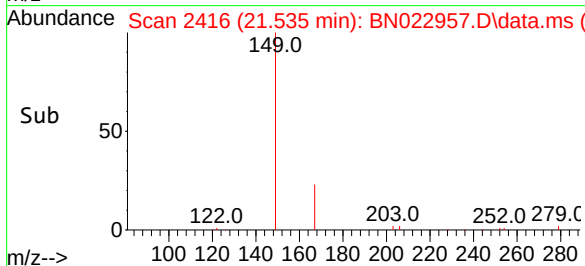
Instrument :
BNA_N
ClientSampleId :
RE134D1-20221115



Tgt Ion:149 Resp: 1073
Ion Ratio Lower Upper
149 100
167 22.0 21.3 31.9
279 6.4 2.3 3.5

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.117 min Scan# 3099
Delta R.T. 0.005 min
Lab File: BN022957.D
Acq: 29 Nov 2022 17:40

Tgt Ion:264 Resp: 7156
Ion Ratio Lower Upper
264 100
260 27.6 21.7 32.5
265 69.0 31.0 46.4

