

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022958.D
 Acq On : 29 Nov 2022 18:18
 Operator : CG/JU
 Sample : N5671-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20221115

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 08:21:45 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	7058	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	18880	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	8950	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	17459	0.400	ng	# 0.01
29) Chrysene-d12	21.625	240	9390	0.400	ng	# 0.00
35) Perylene-d12	24.118	264	6589	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1596	0.087	ng	0.00
5) Phenol-d6	7.212	99	1324	0.057	ng	0.00
8) Nitrobenzene-d5	9.228	82	4299m	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	7634	0.186	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	10	0.002	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	12944	0.316	ng	0.00
27) Fluoranthene-d10	19.473	212	12215	0.258	ng	0.00
31) Terphenyl-d14	20.067	244	9058	0.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	46074	5.143	ng	98
34) Bis(2-ethylhexyl)phtha...	21.536	149	467	0.031	ng	# 95

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

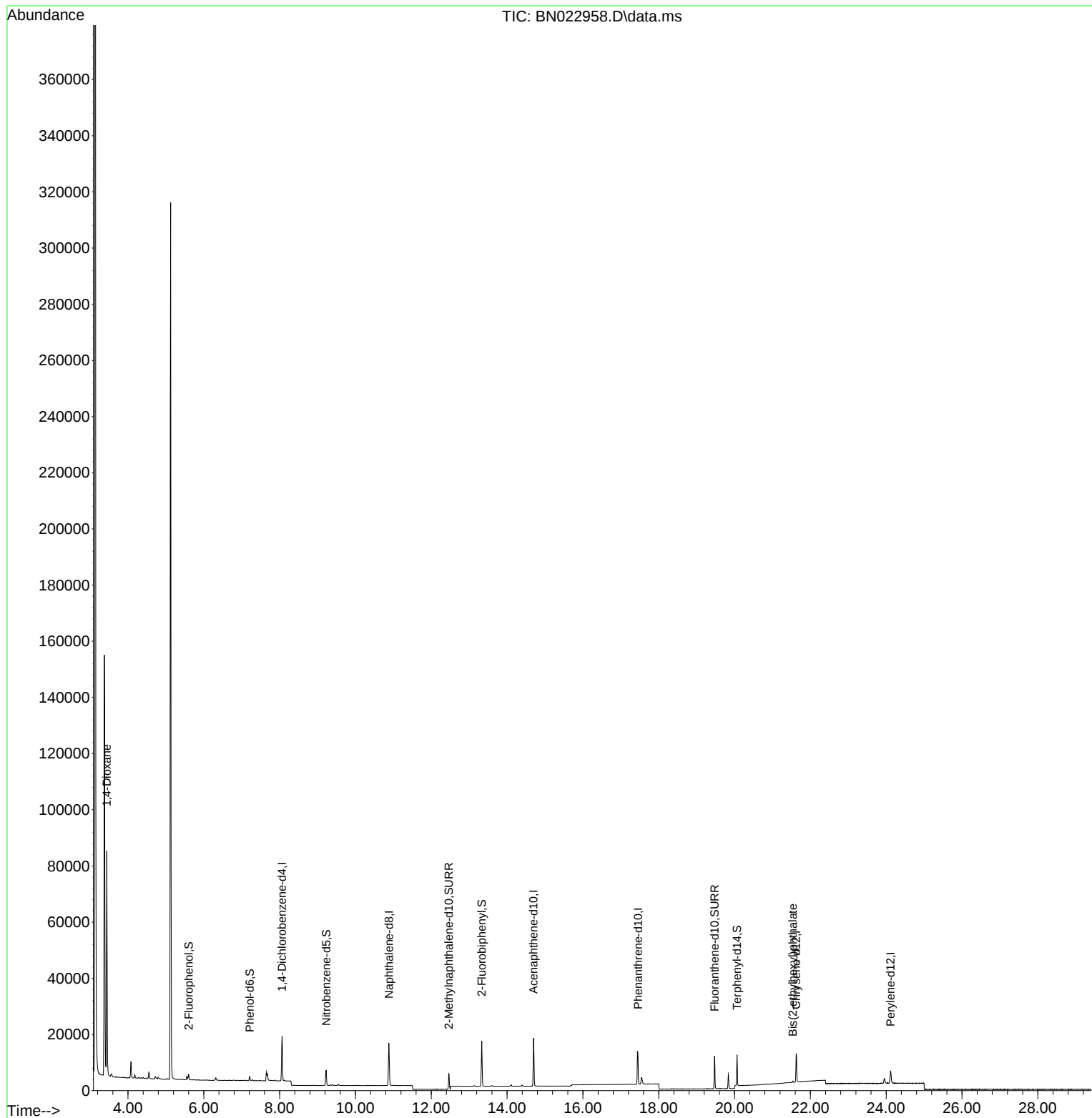
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022958.D
Acq On : 29 Nov 2022 18:18
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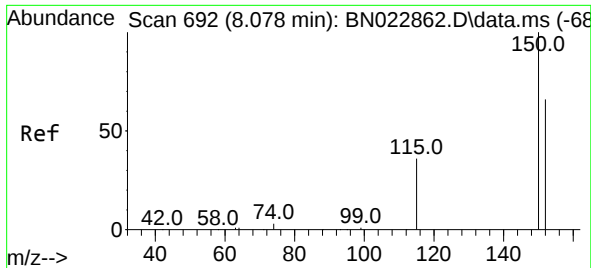
Instrument :
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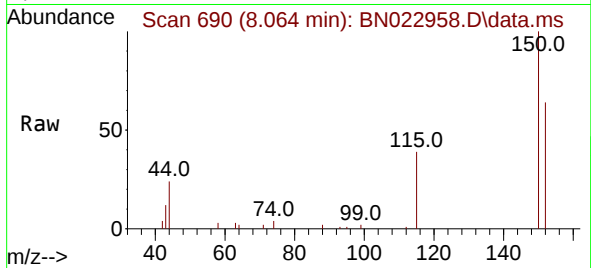
Quant Time: Nov 30 08:21:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 692
Delta R.T. -0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

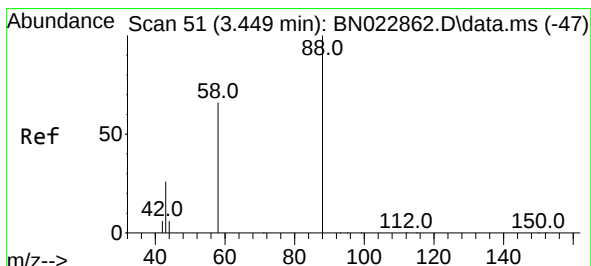
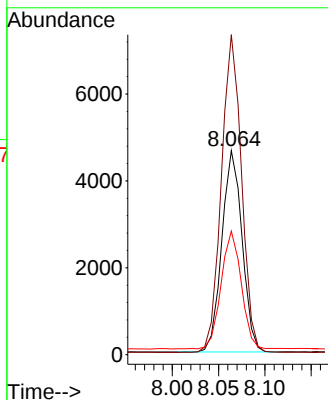
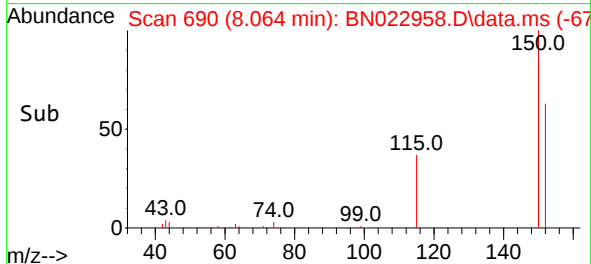
Instrument :
BNA_N
ClientSampleId :
DUP04-20221115



Tgt Ion: 152 Resp: 7058
Ion Ratio Lower Upper
152 100
150 156.9 121.2 181.8
115 60.6 46.2 69.4

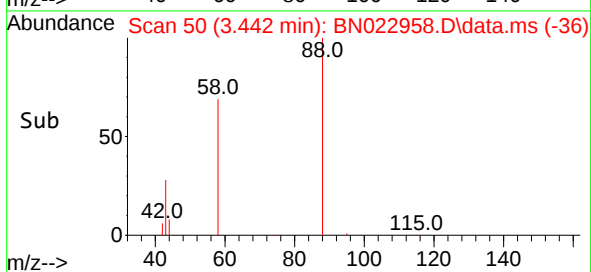
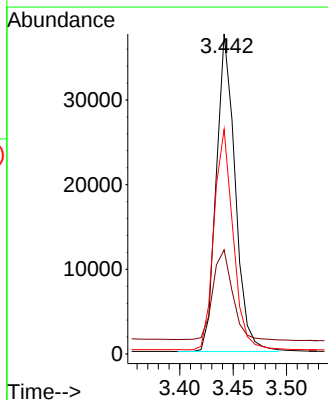
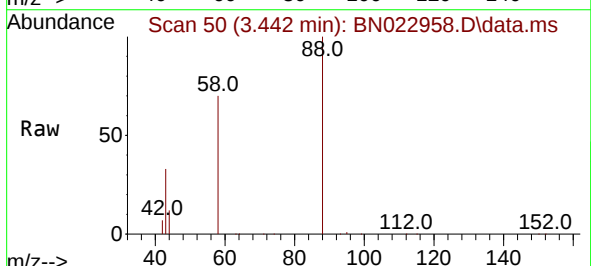
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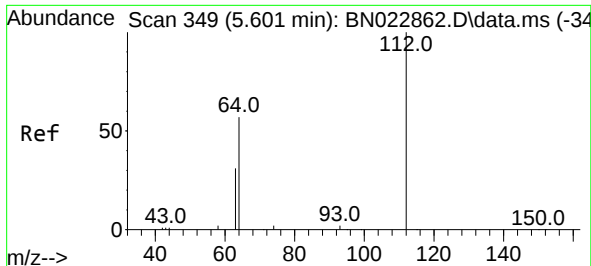
Reviewed By : Christian Giraldo 11/30/2022
Supervised By : mohammad ahmed 12/01/2022



#2
1,4-Dioxane
Concen: 5.143 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

Tgt Ion: 88 Resp: 46074
Ion Ratio Lower Upper
88 100
43 29.4 25.4 38.2
58 70.1 56.5 84.7





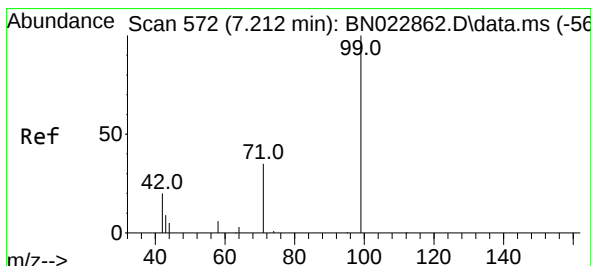
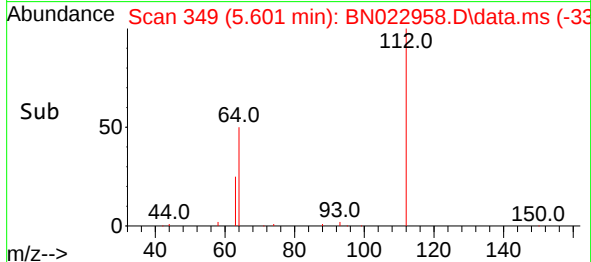
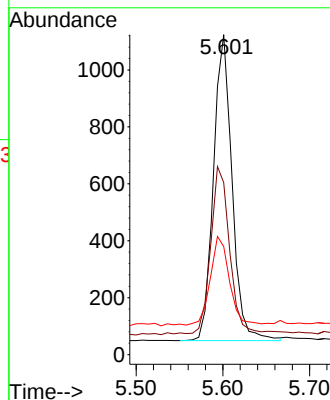
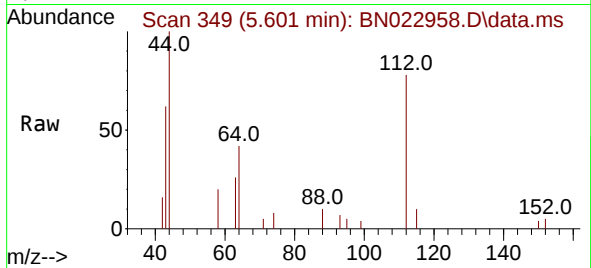
#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

Instrument :
BNA_N
ClientSampleId :
DUP04-20221115

Tgt Ion:112 Resp: 1590
Ion Ratio Lower Upper
112 100
64 58.5 43.4 65.2
63 31.0 23.4 35.2

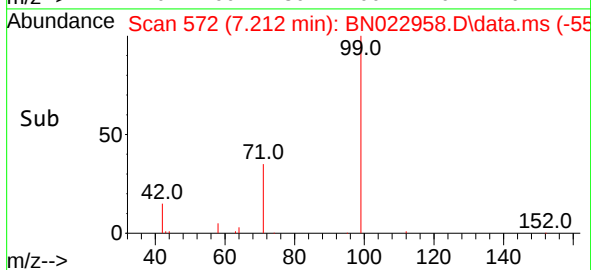
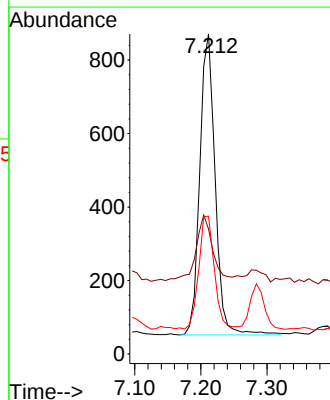
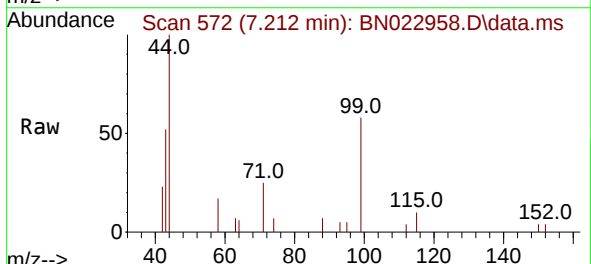
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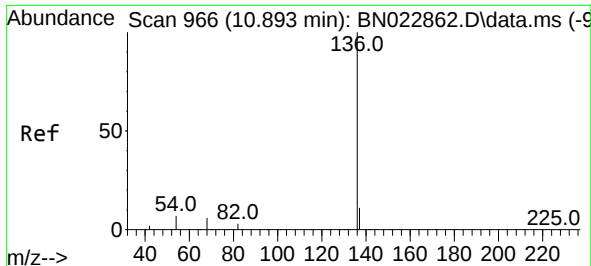
Reviewed By :Christian Giraldo 11/30/2022
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#5
Phenol-d6
Concen: 0.057 ng
RT: 7.212 min Scan# 572
Delta R.T. 0.007 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

Tgt Ion: 99 Resp: 1324
Ion Ratio Lower Upper
99 100
42 23.3 16.0 24.0
71 37.9 26.8 40.2





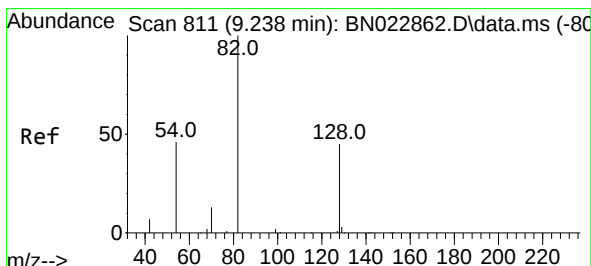
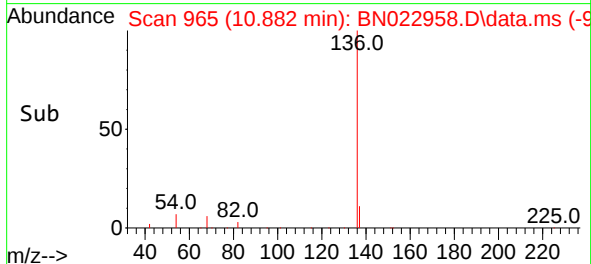
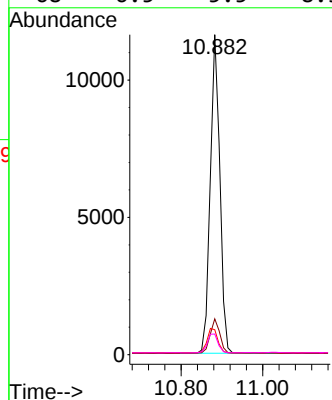
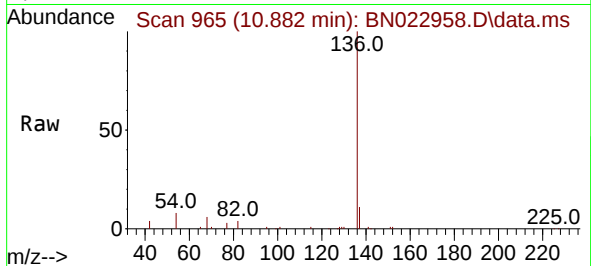
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

Instrument :
BNA_N
ClientSampleId :
DUP04-20221115

Tgt Ion:136 Resp: 18880
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.8 6.6 9.8
68 6.5 5.5 8.3

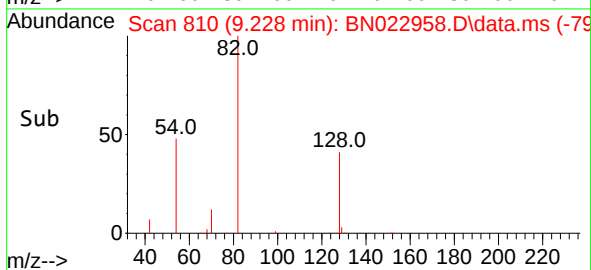
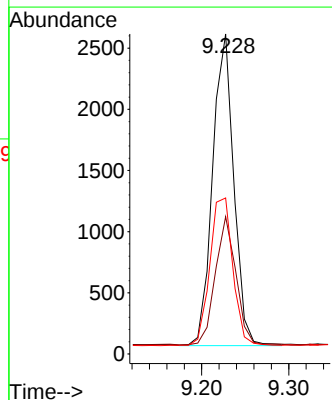
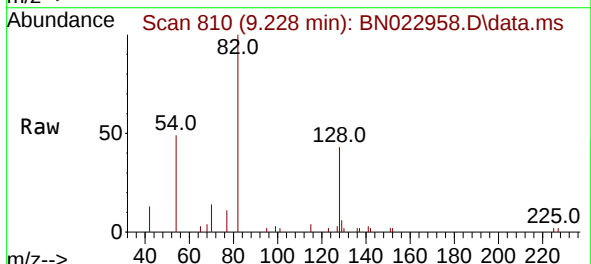
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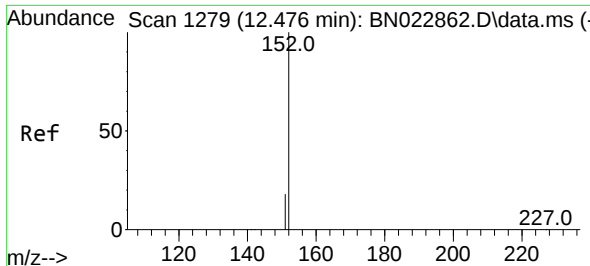
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#8
Nitrobenzene-d5
Concen: 0.293 ng m
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

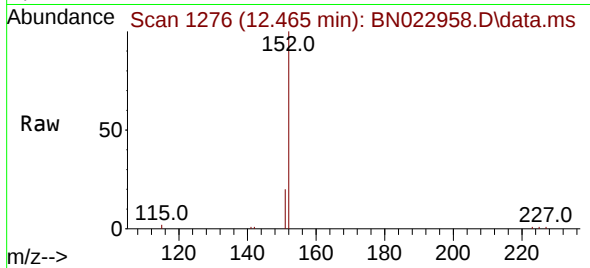
Tgt Ion: 82 Resp: 4299
Ion Ratio Lower Upper
82 100
128 42.9 36.6 54.8
54 48.8 38.5 57.7





#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 12.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

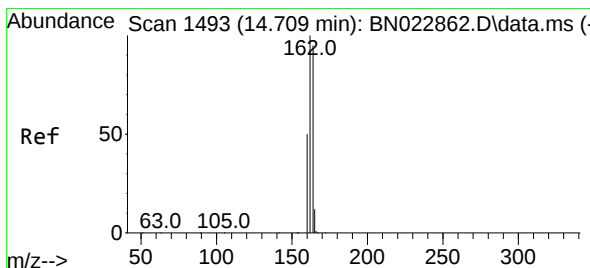
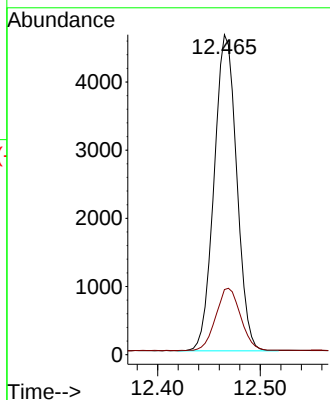
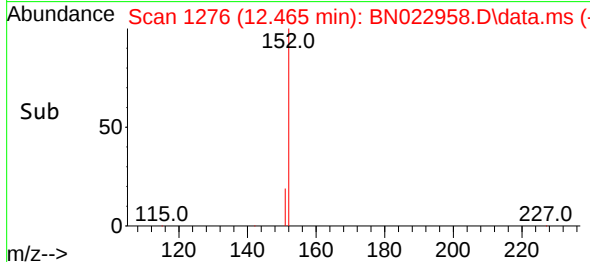
Instrument :
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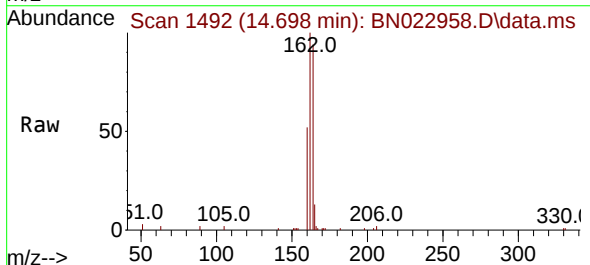
Tgt Ion:152 Resp: 7634
Ion Ratio Lower Upper
152 100
151 24.3 18.6 27.8

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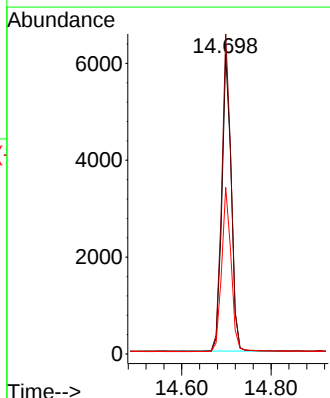
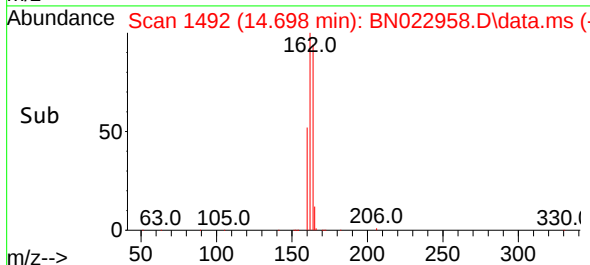
Reviewed By :Christian Giraldo 11/30/2022
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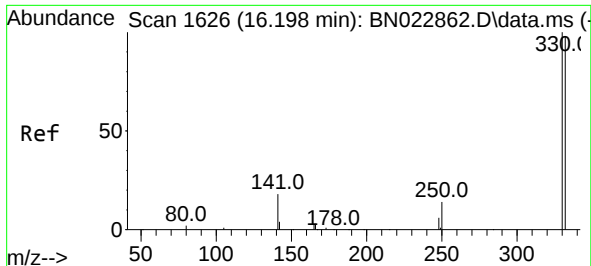


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18



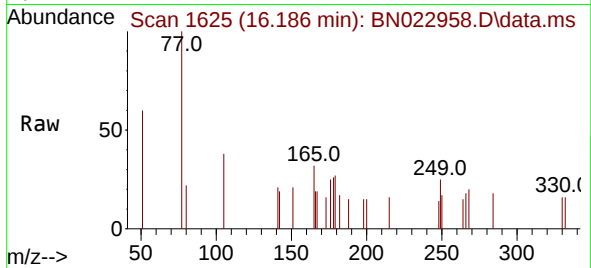
Tgt Ion:164 Resp: 8950
Ion Ratio Lower Upper
164 100
162 106.7 84.2 126.4
160 55.5 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.002 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

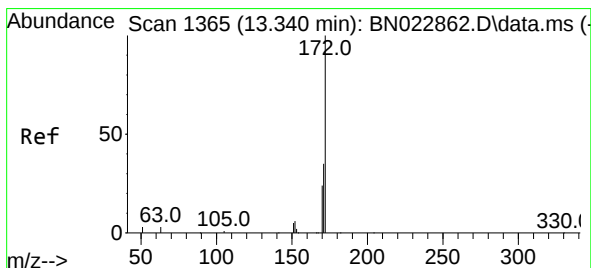
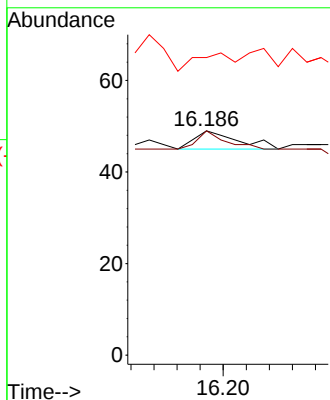
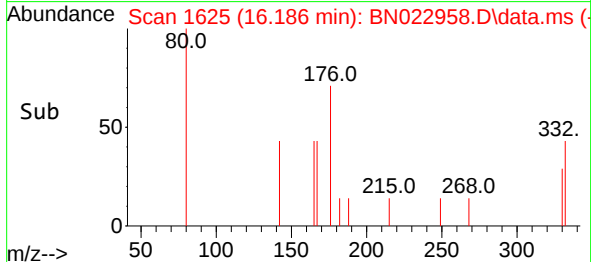
Instrument :
BNA_N
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DUP04-20221115



Tgt Ion:330 Resp: 10000
Ion Ratio Lower Upper
330 100
332 70.0 76.5 114.7
141 90.0 32.6 48.8

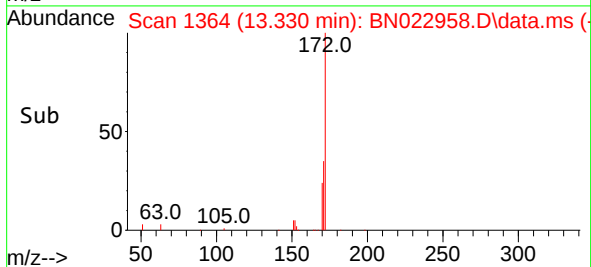
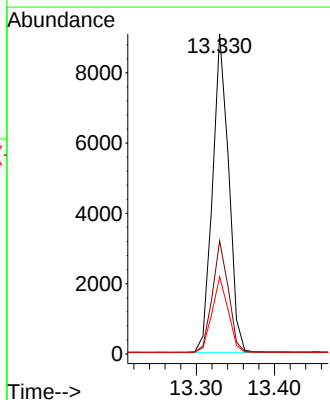
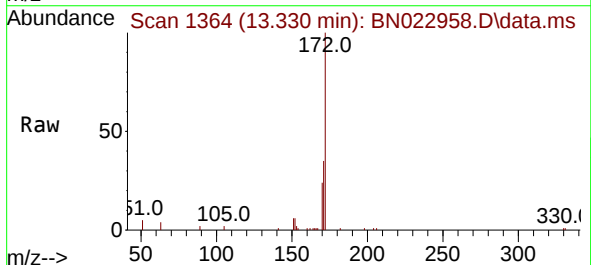
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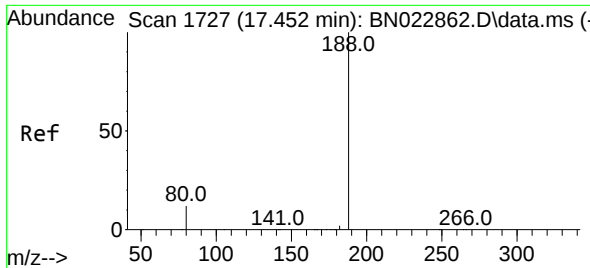
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

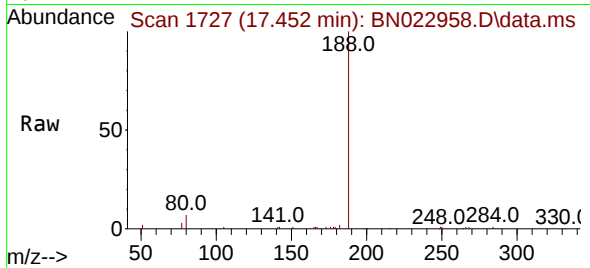
Tgt Ion:172 Resp: 12944
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 24.2 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1119
Delta R.T. 0.013 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

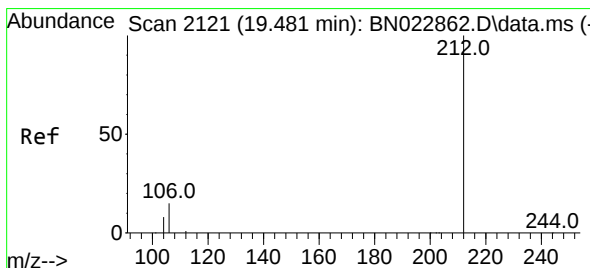
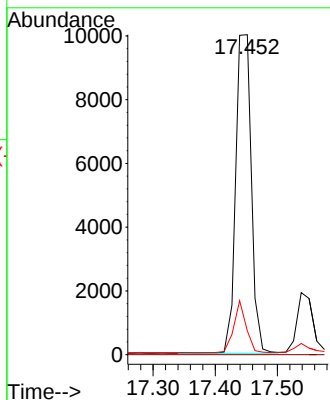
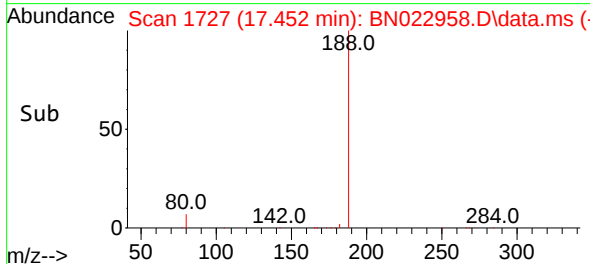
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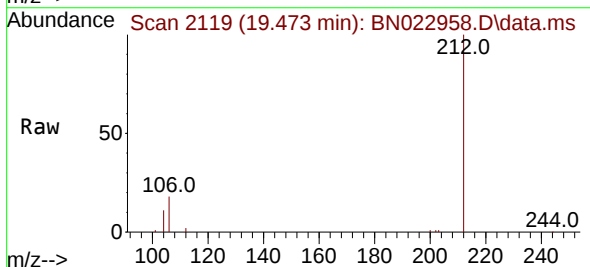
Tgt Ion:188 Resp: 1745
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 10.3 15.5

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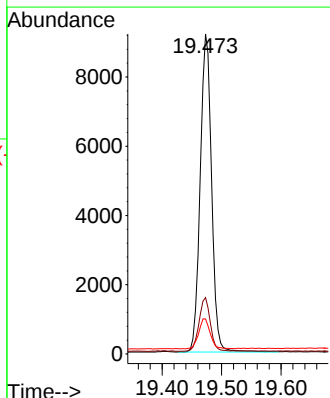
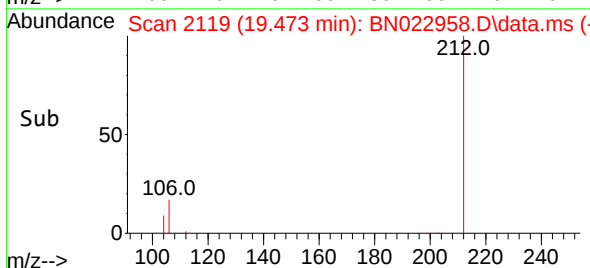
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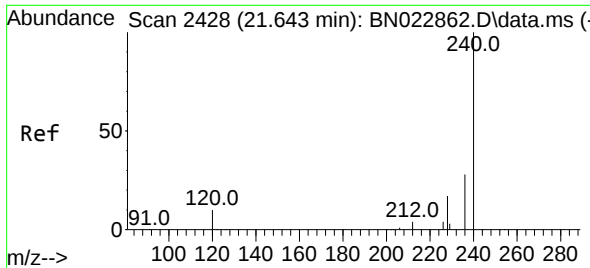


#27
Fluoranthene-d10
Concen: 0.258 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18



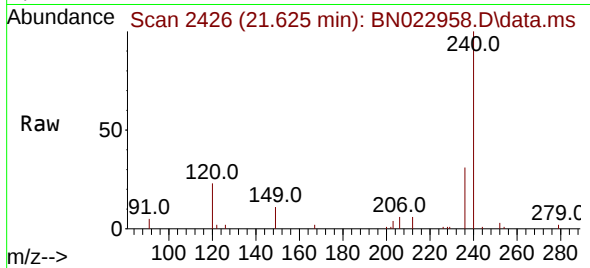
Tgt Ion:212 Resp: 12215
Ion Ratio Lower Upper
212 100
106 16.7 12.3 18.5
104 9.5 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18

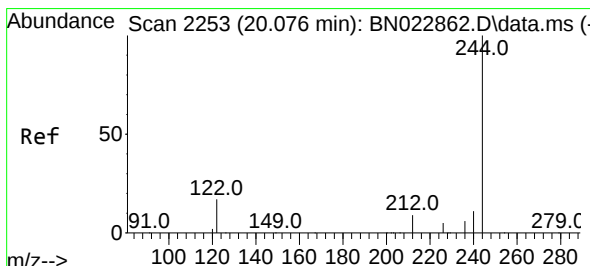
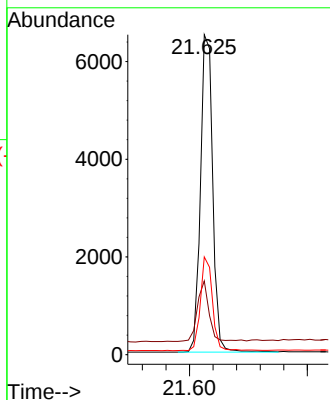
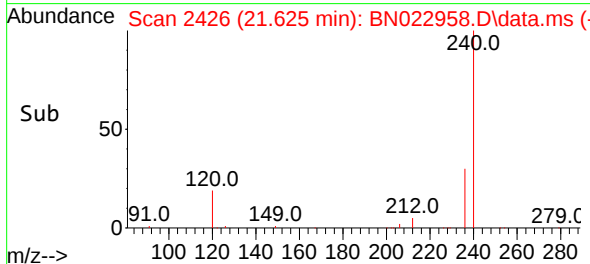
Instrument :
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DUP04-20221115



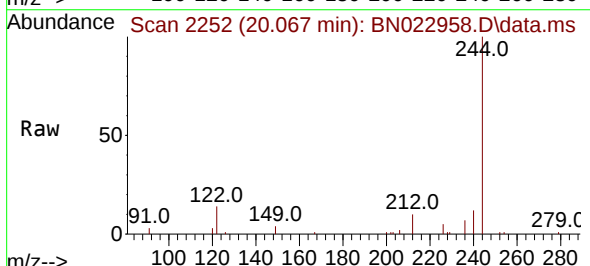
Tgt Ion:240 Resp: 9390
Ion Ratio Lower Upper
240 100
120 23.0 9.2 13.8
236 30.5 22.6 34.0

Manual Integrations
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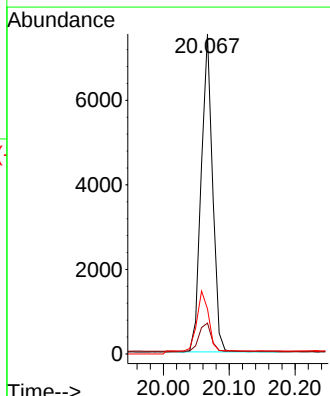
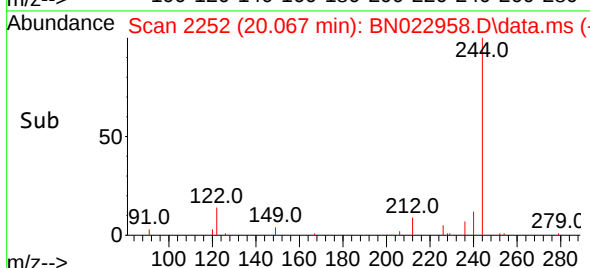
Reviewed By :Christian Giraldo 11/30/2022
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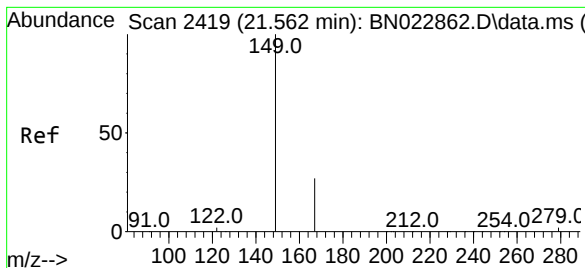


#31
Terphenyl-d14
Concen: 0.411 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022958.D
Acq: 29 Nov 2022 18:18



Tgt Ion:244 Resp: 9058
Ion Ratio Lower Upper
244 100
212 9.7 7.9 11.9
122 14.1 13.9 20.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.536 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN022958.D

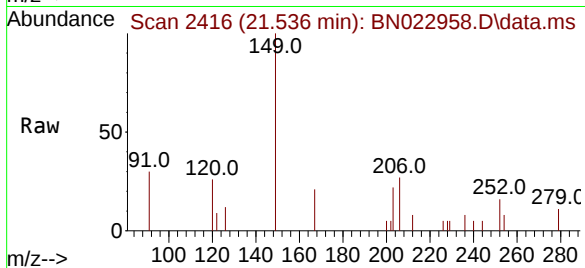
Acq: 29 Nov 2022 18:18

Instrument :

BNA_N

ClientSampleId :

DUP04-20221115

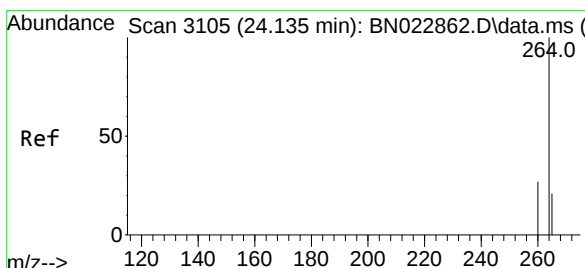
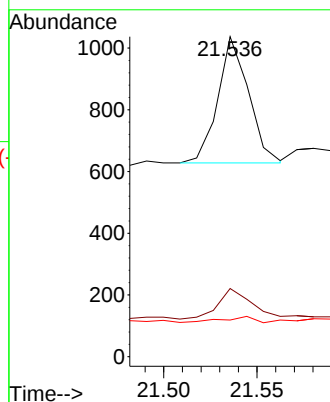
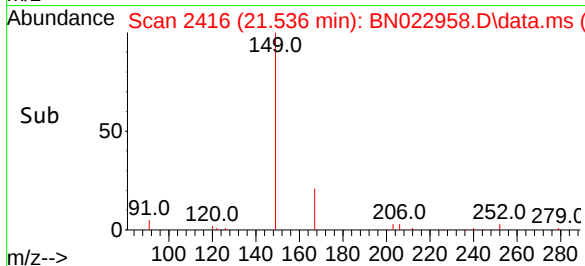


Tgt Ion:	149	Resp:	46
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.3	31.9
279	6.4	2.3	3.5

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: 24.118 min Scan# 3099

Delta R.T. 0.005 min

Lab File: BN022958.D

Acq: 29 Nov 2022 18:18

Tgt Ion:	264	Resp:	6589
Ion Ratio	Lower	Upper	
264	100		
260	28.0	21.7	32.5
265	72.6	31.0	46.4

