

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022969.D
 Acq On : 30 Nov 2022 02:52
 Operator : CG/JU
 Sample : N5672-04DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20221116DL

Quant Time: Nov 30 03:23:02 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	7288	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	19539	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	9635	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	19024	0.400	ng	0.00
29) Chrysene-d12	21.625	240	9976	0.400	ng	# 0.00
35) Perylene-d12	24.109	264	6960	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1075	0.057	ng	0.00
5) Phenol-d6	7.204	99	870	0.036	ng	0.00
8) Nitrobenzene-d5	9.217	82	2256m	0.149	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	4671	0.110	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	130	0.028	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	7721	0.175	ng	0.00
27) Fluoranthene-d10	19.469	212	6645	0.129	ng	0.00
31) Terphenyl-d14	20.067	244	4961	0.212	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	29180	3.155	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	430	0.027	ng	# 97

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

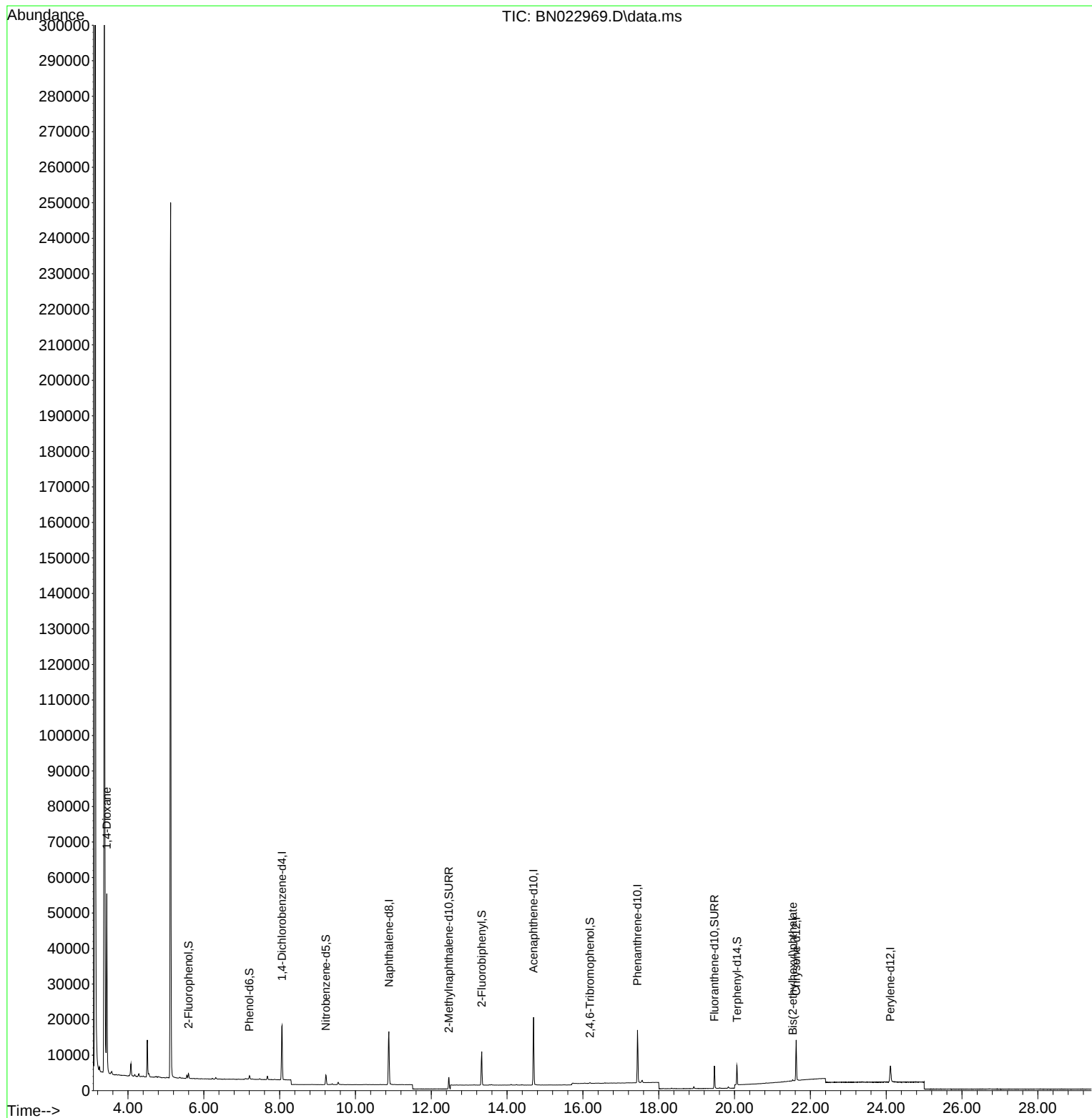
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022969.D
Acq On : 30 Nov 2022 02:52
Operator : CG/JU
Sample : N5672-04DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

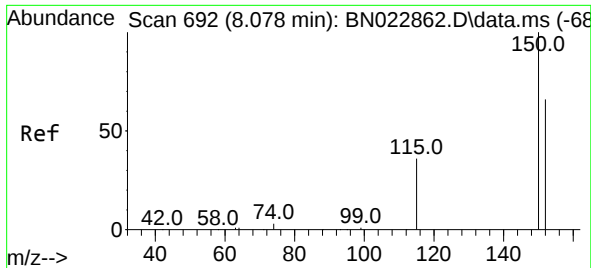
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL

Quant Time: Nov 30 03:23:02 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

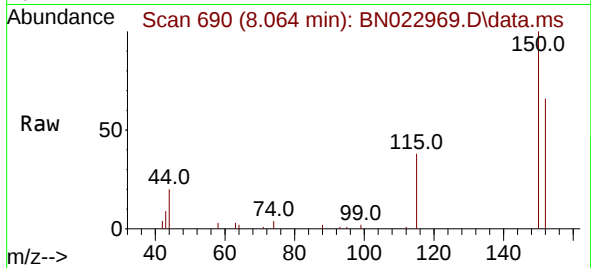
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 692
Delta R.T. -0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

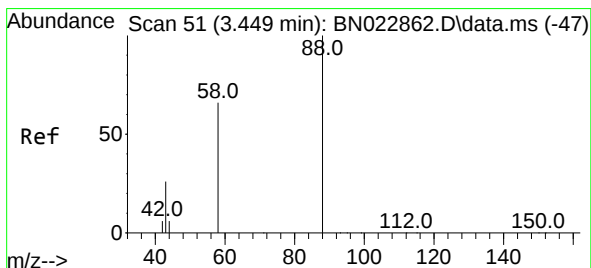
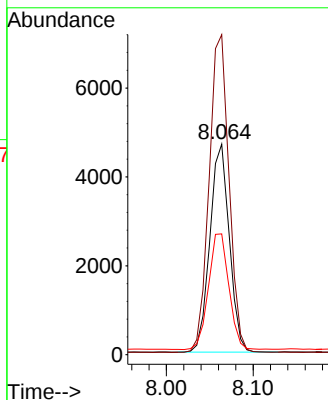
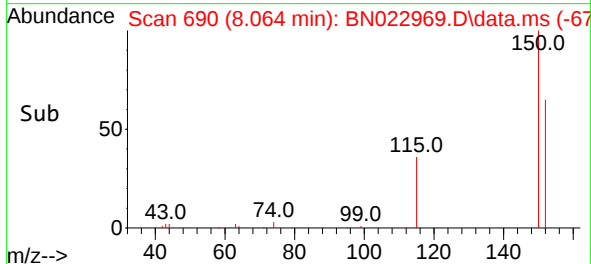
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL



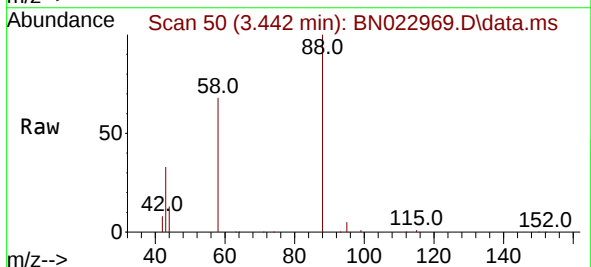
Tgt Ion: 152 Resp: 728
Ion Ratio Lower Upper
152 100
150 152.0 121.2 181.8
115 57.3 46.2 69.4

Manual Integrations
APPROVED

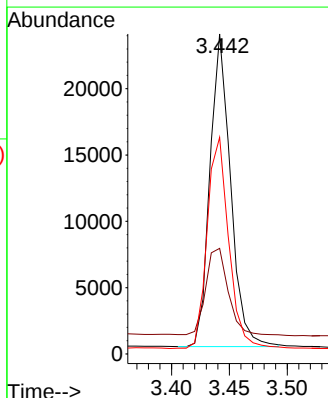
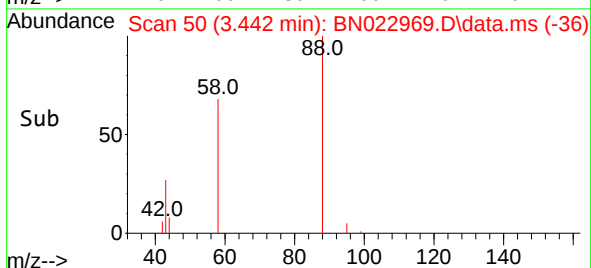
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

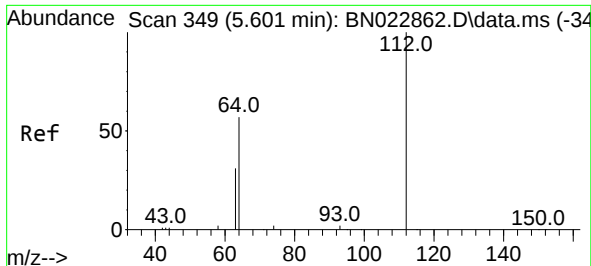


#2
1,4-Dioxane
Concen: 3.155 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52



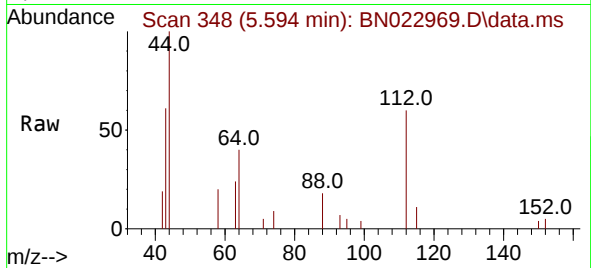
Tgt Ion: 88 Resp: 29180
Ion Ratio Lower Upper
88 100
43 29.8 25.4 38.2
58 70.8 56.5 84.7





#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.007 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

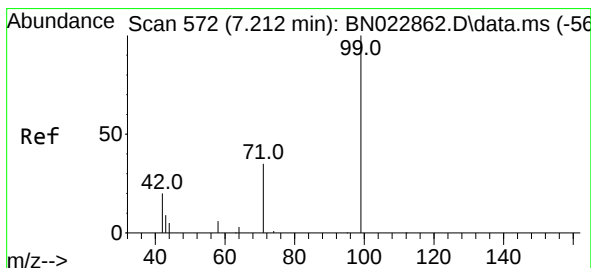
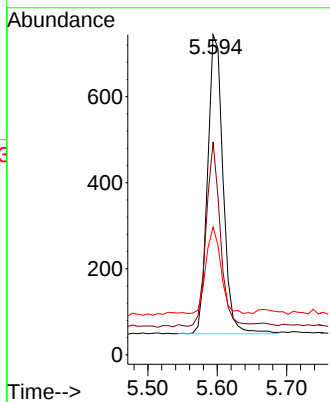
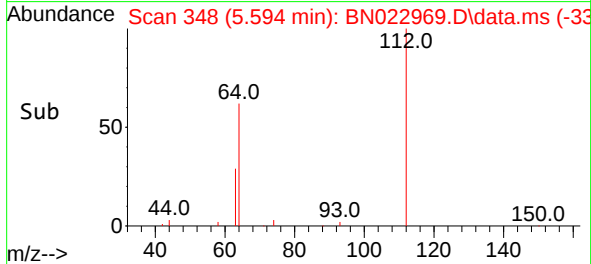
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL



Tgt Ion: 112 Resp: 107
Ion Ratio Lower Upper
112 100
64 56.1 43.4 65.2
63 27.9 23.4 35.2

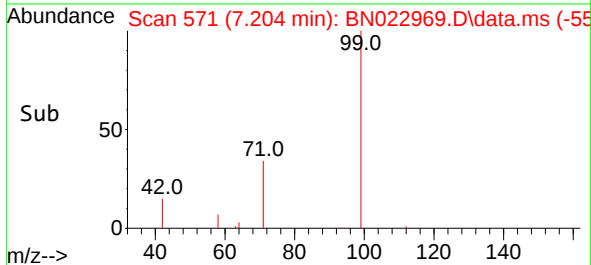
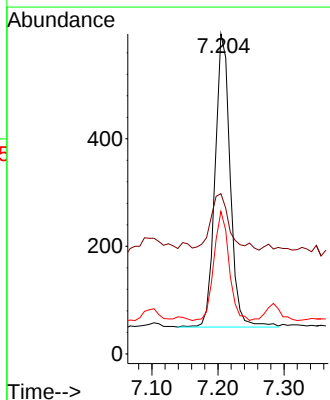
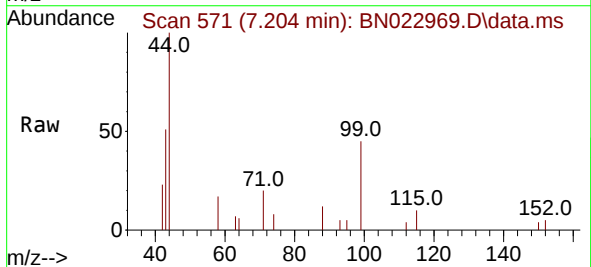
Manual Integrations
APPROVED

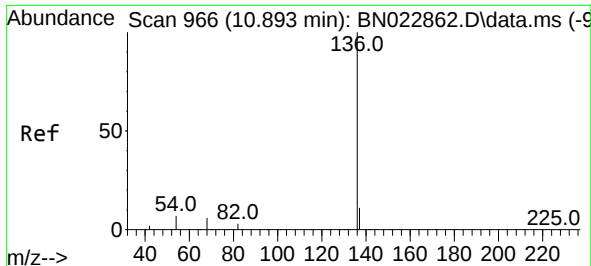
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#5
Phenol-d6
Concen: 0.036 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

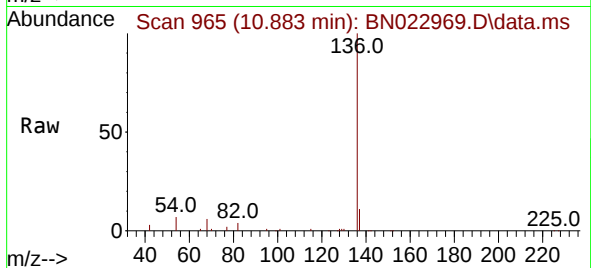
Tgt Ion: 99 Resp: 870
Ion Ratio Lower Upper
99 100
42 23.4 16.0 24.0
71 36.9 26.8 40.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

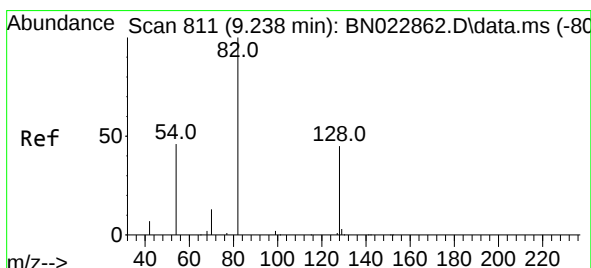
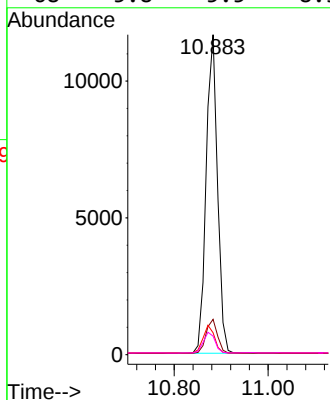
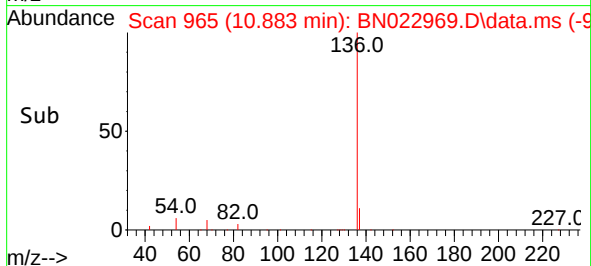
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL



Tgt Ion:136 Resp: 19539
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.9 6.6 9.8
68 5.8 5.5 8.3

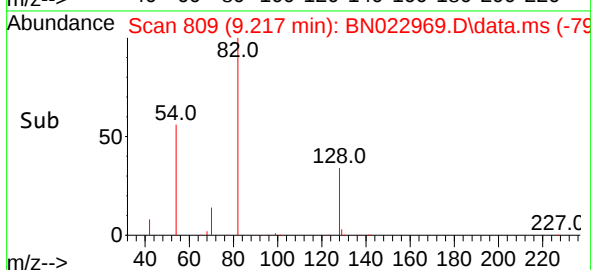
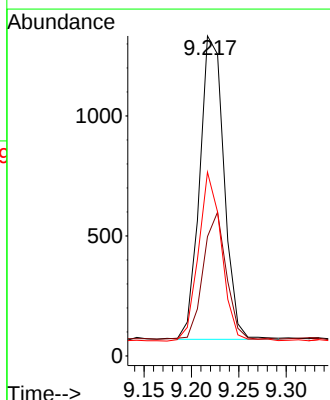
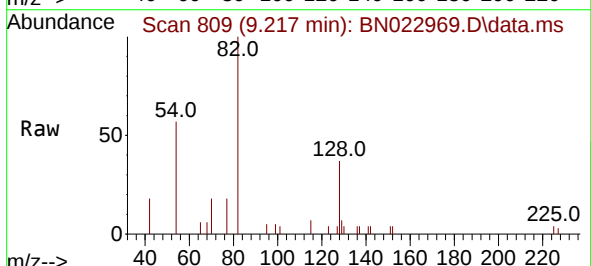
Manual Integrations
APPROVED

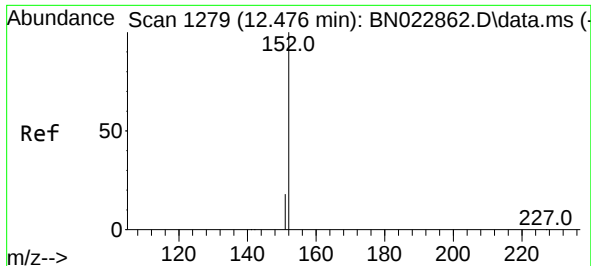
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#8
Nitrobenzene-d5
Concen: 0.149 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

Tgt Ion: 82 Resp: 2256
Ion Ratio Lower Upper
82 100
128 37.3 36.6 54.8
54 57.5 38.5 57.7





#11

2-Methylnaphthalene-d10

Concen: 0.110 ng

RT: 12.461 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN022969.D

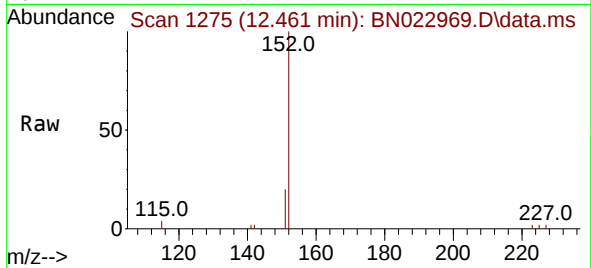
Acq: 30 Nov 2022 02:52

Instrument :

BNA_N

ClientSampleId :

RE125D2-20221116DL



Tgt Ion:152 Resp: 467

Ion Ratio Lower Upper

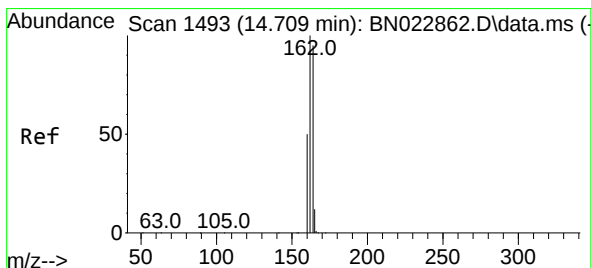
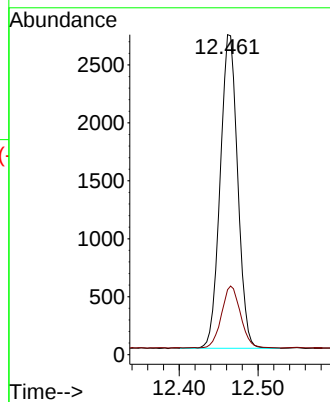
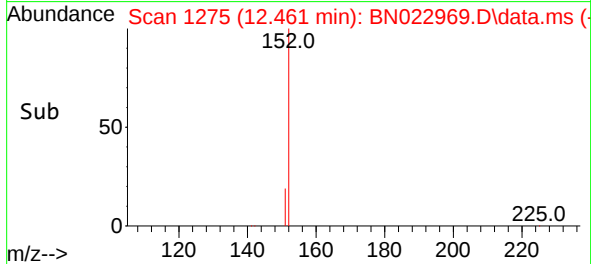
152 100

151 22.0 18.6 27.8

Manual Integrations

APPROVED

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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.698 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BN022969.D

Acq: 30 Nov 2022 02:52

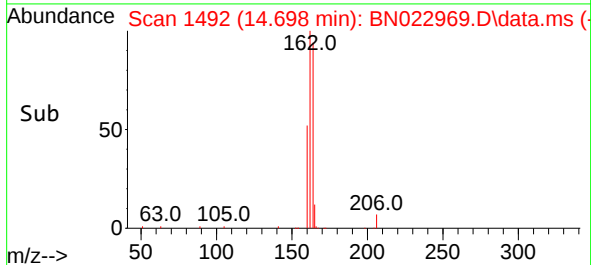
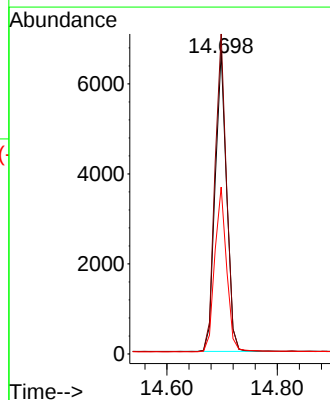
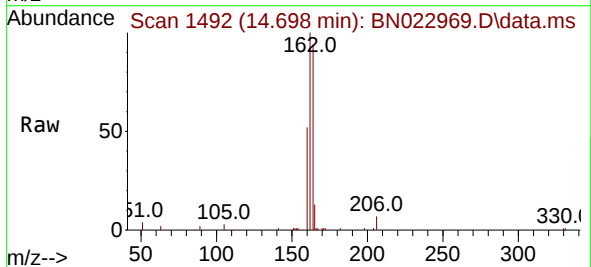
Tgt Ion:164 Resp: 9635

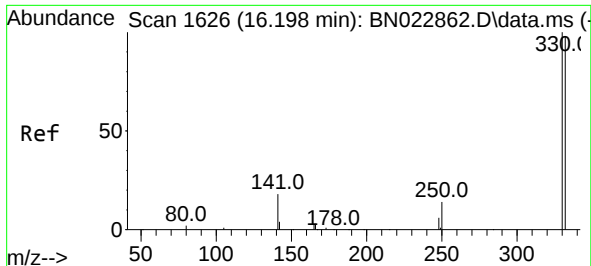
Ion Ratio Lower Upper

164 100

162 106.0 84.2 126.4

160 55.3 42.5 63.7





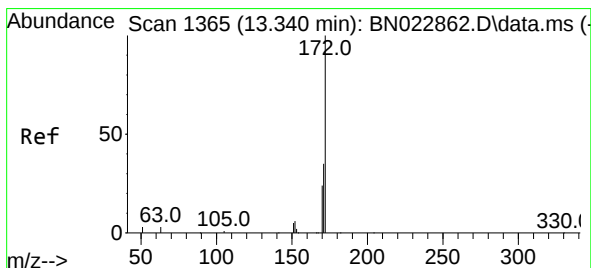
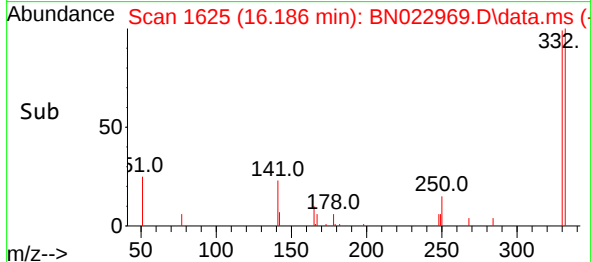
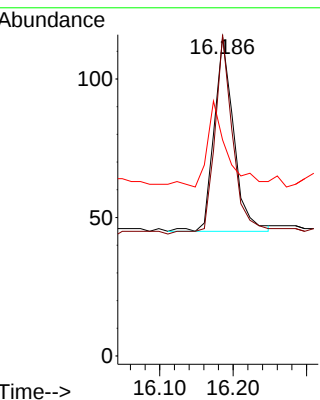
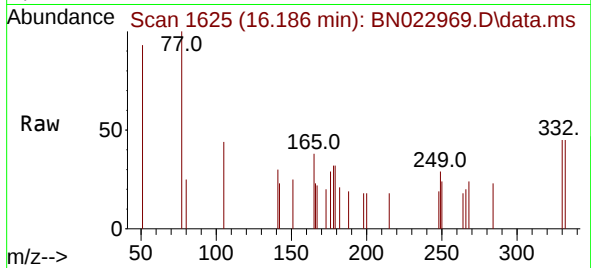
#14
2,4,6-Tribromophenol
Concen: 0.028 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL

Tgt Ion:330 Resp: 130
Ion Ratio Lower Upper
330 100
332 97.7 76.5 114.7
141 46.2 32.6 48.8

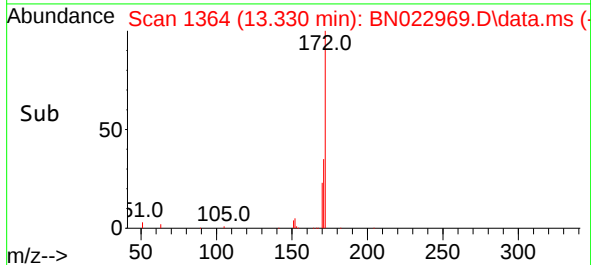
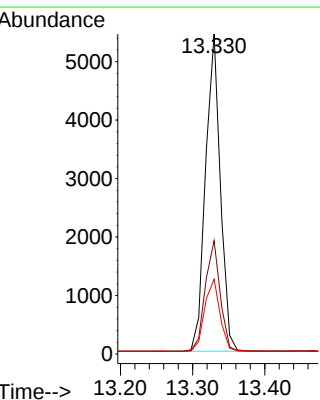
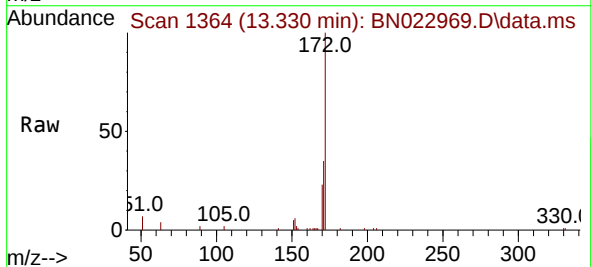
Manual Integrations
APPROVED

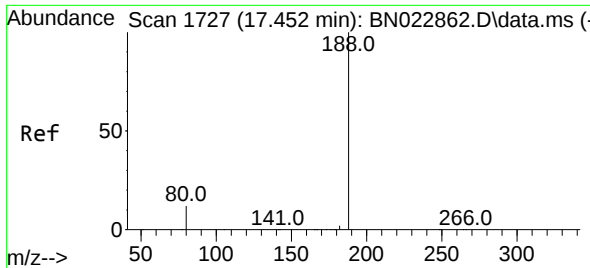
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#15
2-Fluorobiphenyl
Concen: 0.175 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

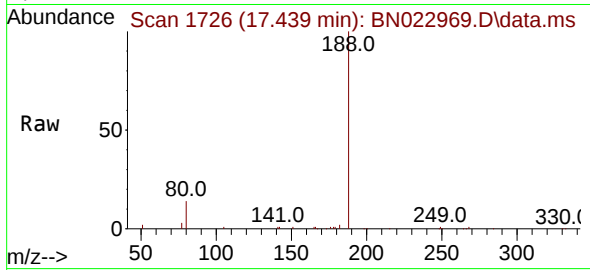
Tgt Ion:172 Resp: 7721
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

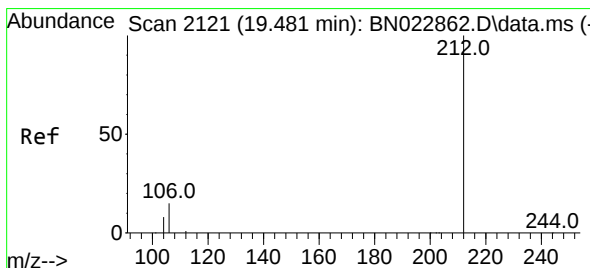
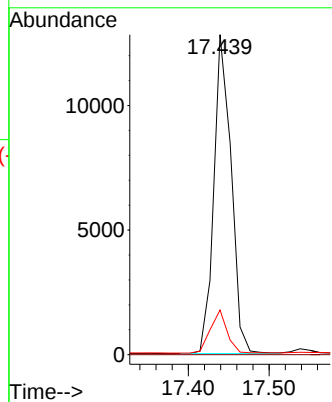
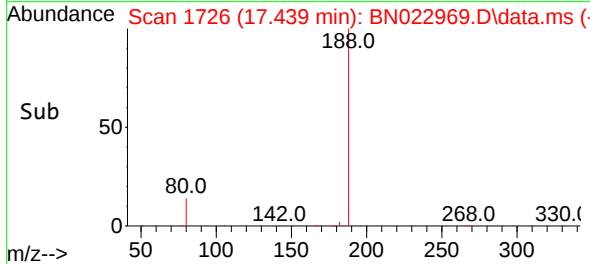
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL



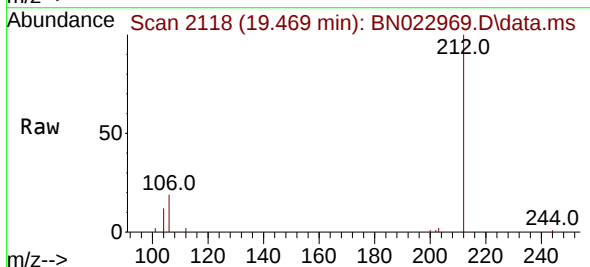
Tgt Ion:188 Resp: 19024
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 10.3 15.5

Manual Integrations
APPROVED

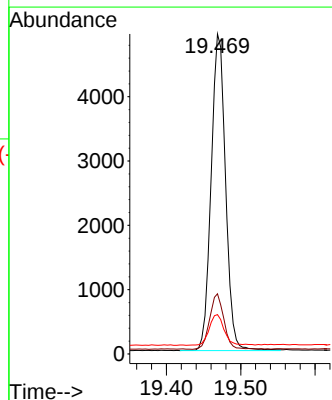
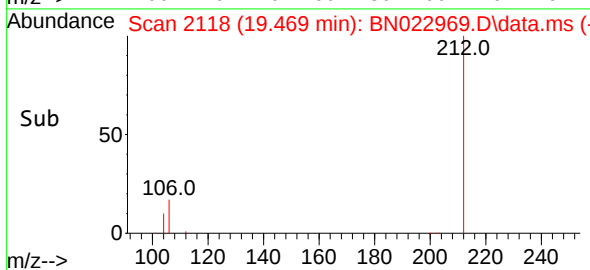
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

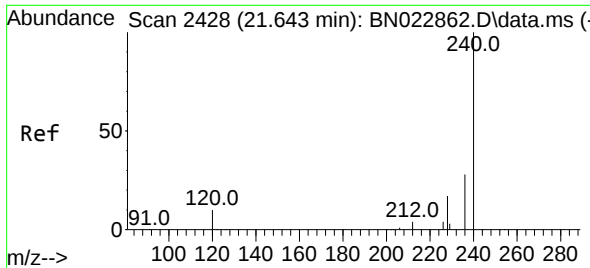


#27
Fluoranthene-d10
Concen: 0.129 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52



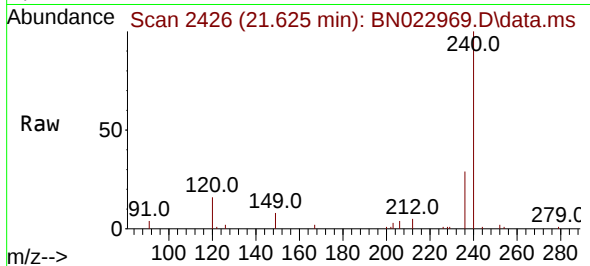
Tgt Ion:212 Resp: 6645
Ion Ratio Lower Upper
212 100
106 17.4 12.3 18.5
104 10.1 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

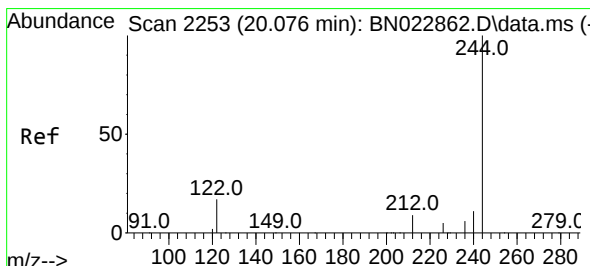
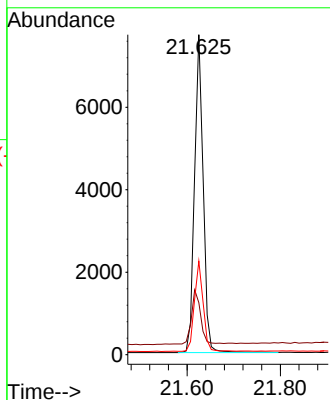
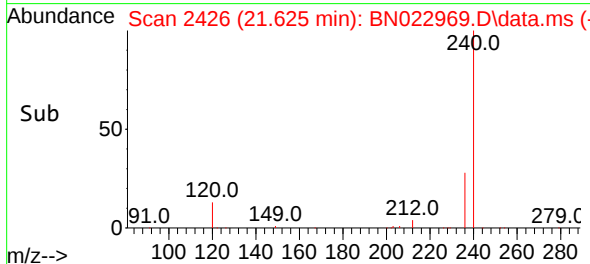
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL



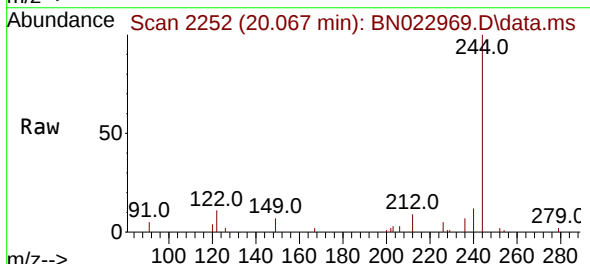
Tgt Ion:240 Resp: 9970
Ion Ratio Lower Upper
240 100
120 16.3 9.2 13.8
236 29.3 22.6 34.0

Manual Integrations
APPROVED

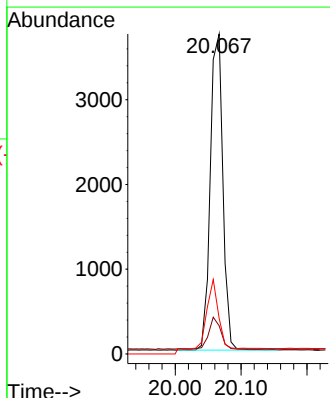
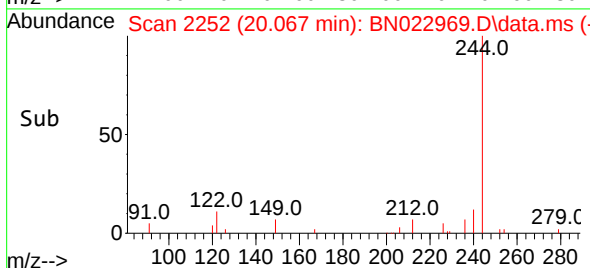
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

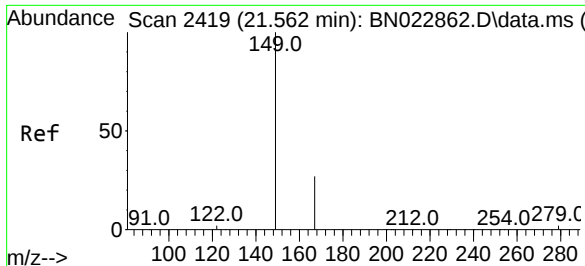


#31
Terphenyl-d14
Concen: 0.212 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52



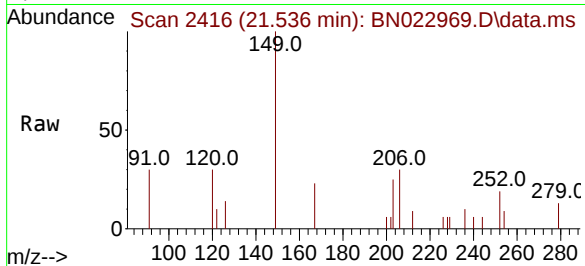
Tgt Ion:244 Resp: 4961
Ion Ratio Lower Upper
244 100
212 8.8 7.9 11.9
122 11.1 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.536 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

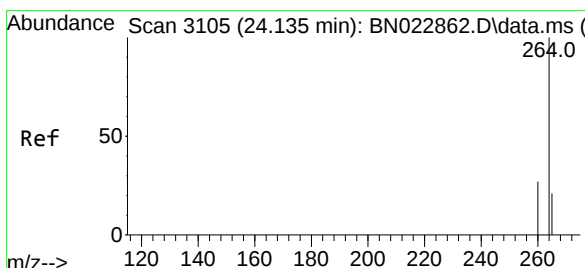
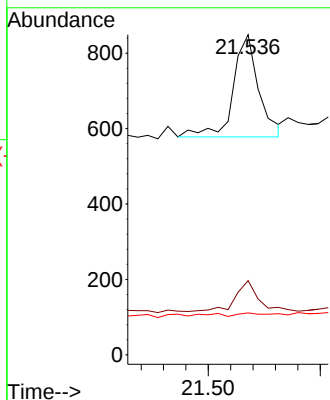
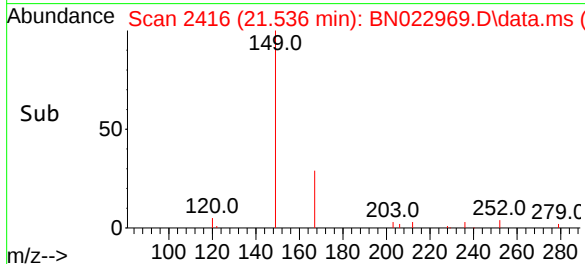
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116DL



Tgt Ion:149 Resp: 430
Ion Ratio Lower Upper
149 100
167 28.1 21.3 31.9
279 3.5 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: 24.109 min Scan# 3096
Delta R.T. -0.004 min
Lab File: BN022969.D
Acq: 30 Nov 2022 02:52

Tgt Ion:264 Resp: 6960
Ion Ratio Lower Upper
264 100
260 28.4 21.7 32.5
265 66.4 31.0 46.4

