

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020604.D
 Acq On : 01 Jul 2022 22:03
 Operator : CG/JU
 Sample : N3458-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 03:13:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4391	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	12802	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	7189	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	14289	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	9812	0.400	ng	0.00
35) Perylene-d12	23.788	264	7964	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	155	0.013	ng	0.02
5) Phenol-d6	7.139	99	69m	0.005	ng	0.11
8) Nitrobenzene-d5	9.014	82	1591	0.153	ng	0.02
11) 2-Methylnaphthalene-d10	12.231	152	5614	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	47	0.017	ng	0.02
15) 2-Fluorobiphenyl	13.105	172	7572	0.255	ng	0.00
27) Fluoranthene-d10	19.270	212	12705	0.299	ng	0.00
31) Terphenyl-d14	19.872	244	9305	0.397	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.261	88	13223	2.298	ng	94
34) Bis(2-ethylhexyl)phtha...	21.351	149	1581	0.080	ng	96

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

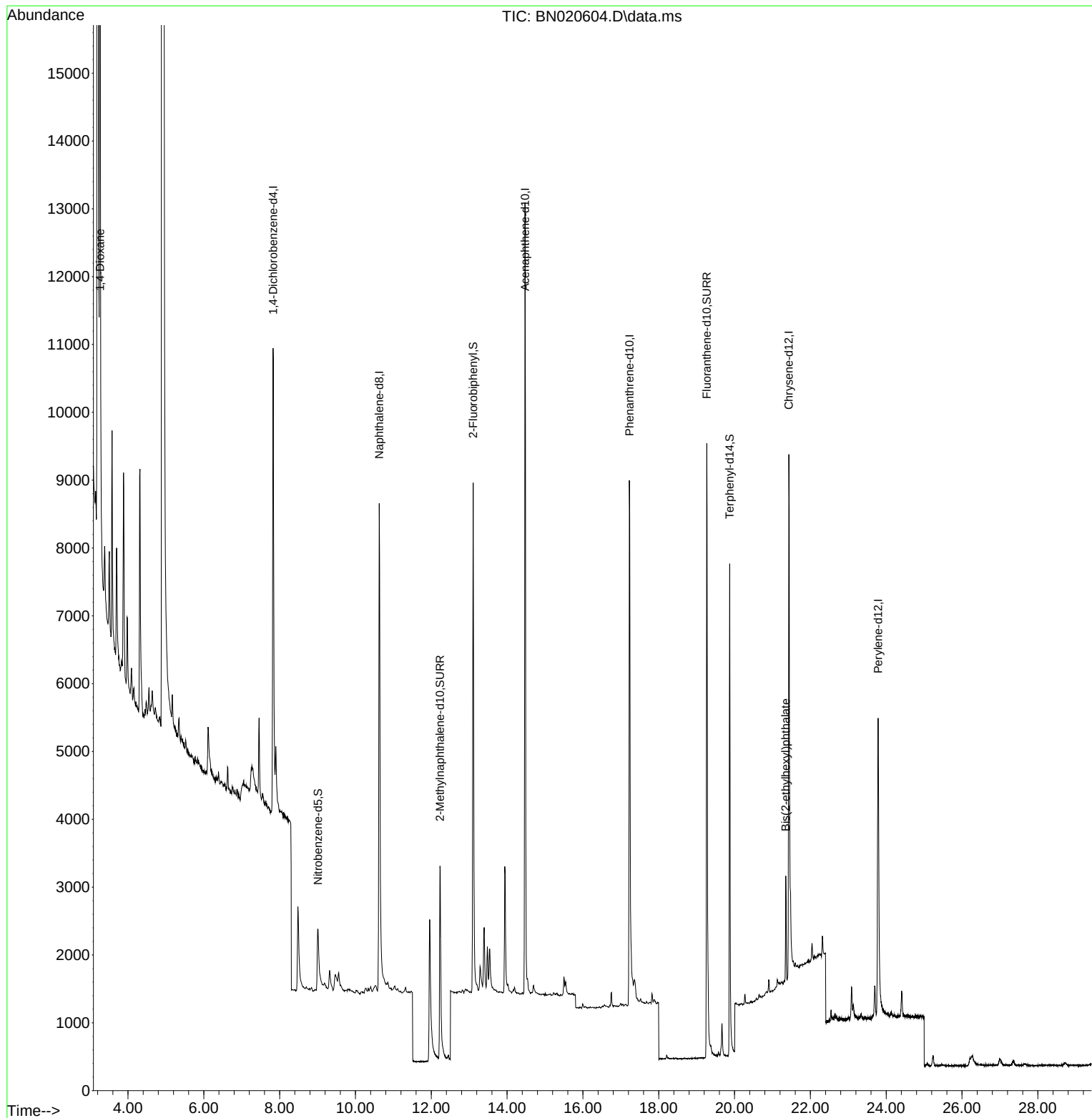
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020604.D
Acq On : 01 Jul 2022 22:03
Operator : CG/JU
Sample : N3458-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

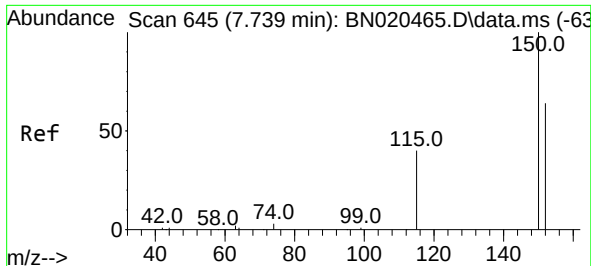
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622

Quant Time: Jul 02 03:13:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

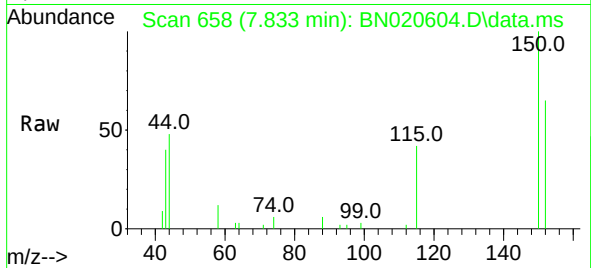
Reviewed By : Christian Giraldo 07/05/2022
Supervised By : Jagrut Upadhyay 07/05/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 645
 Delta R.T. 0.008 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

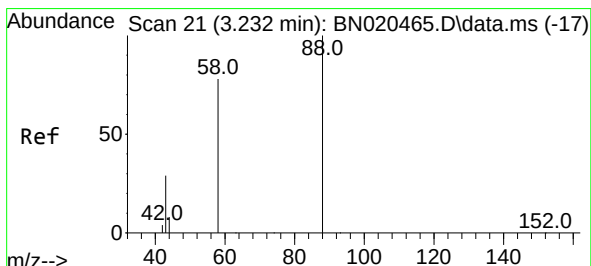
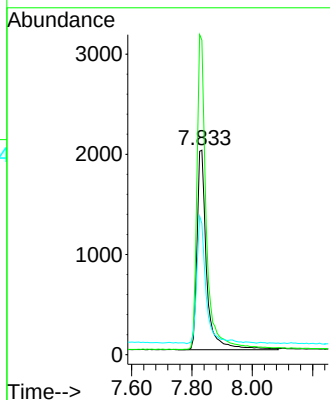
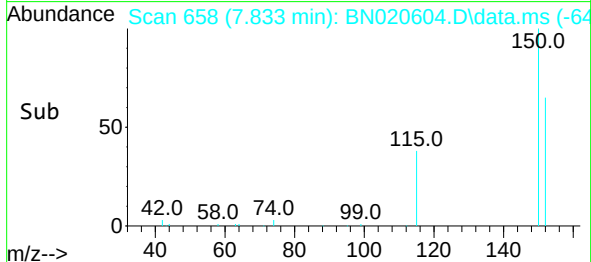
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220622



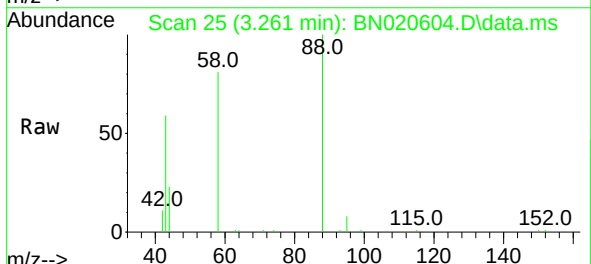
Tgt Ion: 152 Resp: 439
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.9 191.9
 115 64.1 51.4 77.2

Manual Integrations
 APPROVED

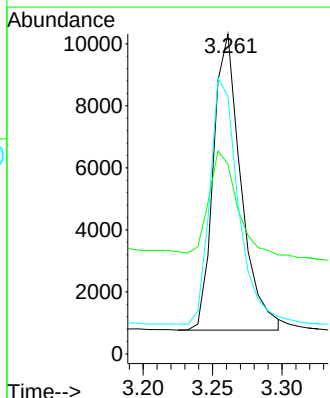
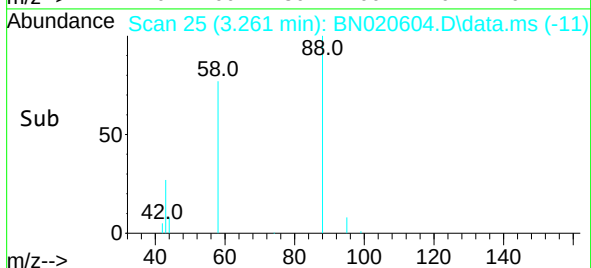
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

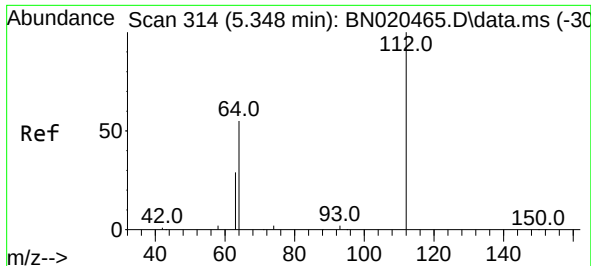


#2
 1,4-Dioxane
 Concen: 2.298 ng
 RT: 3.261 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03



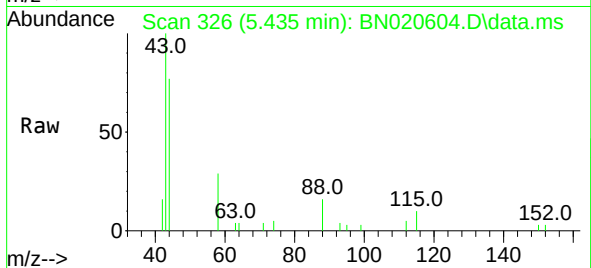
Tgt Ion: 88 Resp: 13223
 Ion Ratio Lower Upper
 88 100
 43 35.0 30.2 45.2
 58 85.4 73.0 109.6





#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.435 min Scan# 314
Delta R.T. 0.022 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

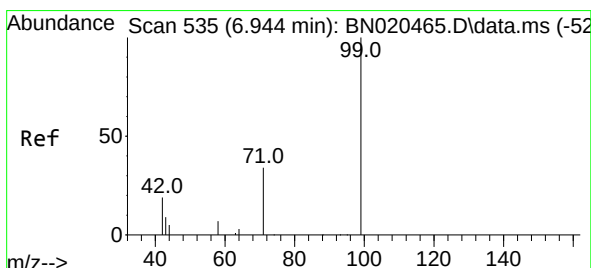
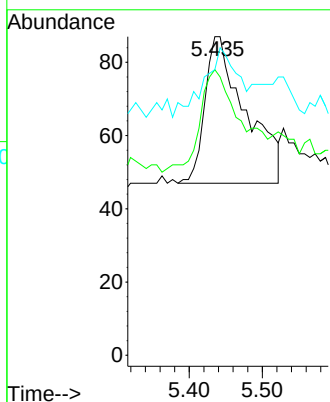
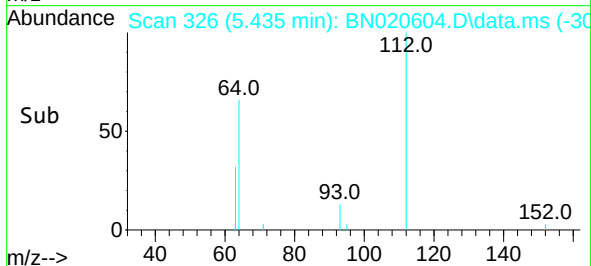
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



Tgt Ion: 112 Resp: 158
Ion Ratio Lower Upper
112 100
64 71.6 49.1 73.7
63 38.7 26.3 39.5

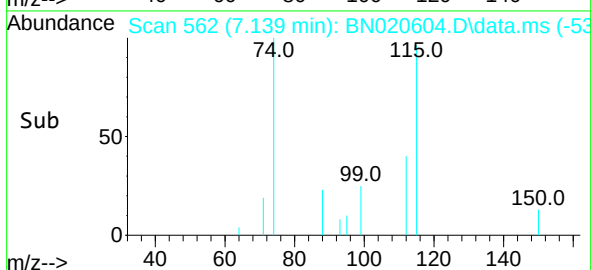
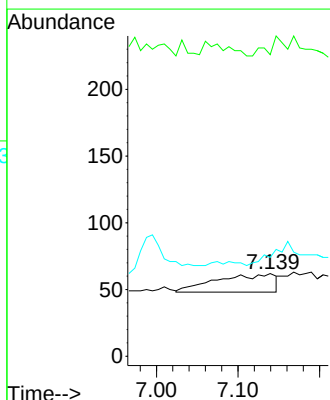
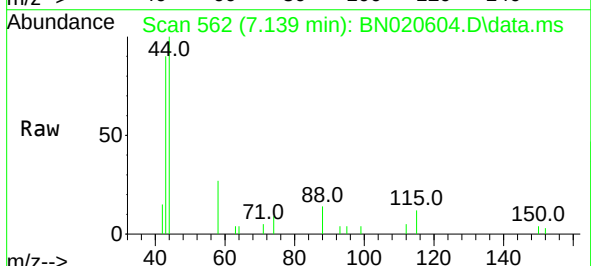
Manual Integrations
APPROVED

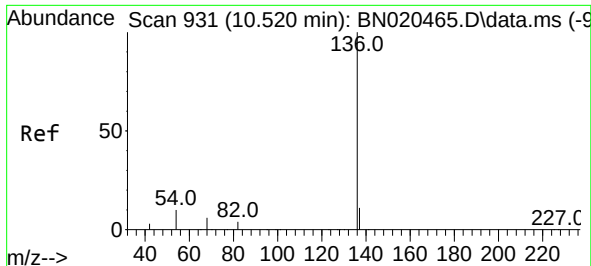
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#5
Phenol-d6
Concen: 0.005 ng m
RT: 7.139 min Scan# 562
Delta R.T. 0.109 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

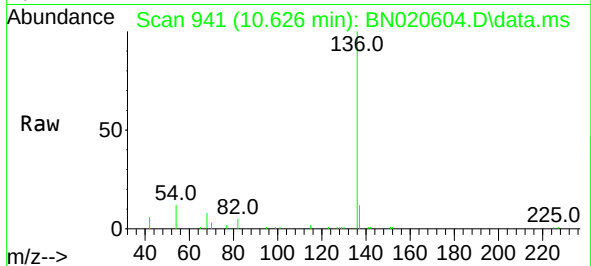
Tgt Ion: 99 Resp: 69
Ion Ratio Lower Upper
99 100
42 0.0 19.3 28.9#
71 130.4 27.5 41.3#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

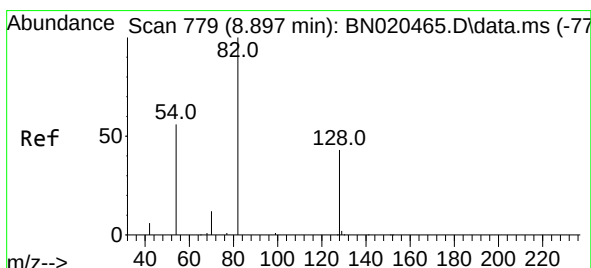
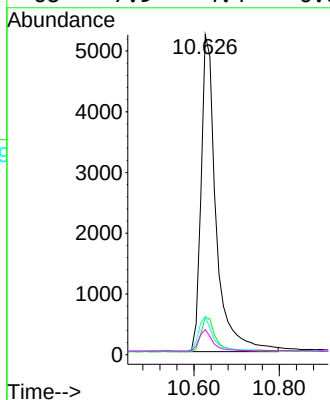
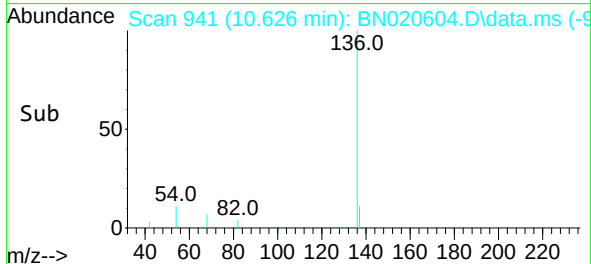
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



Tgt Ion:136 Resp: 1280
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 12.0 6.2 9.2
68 7.9 4.4 6.6

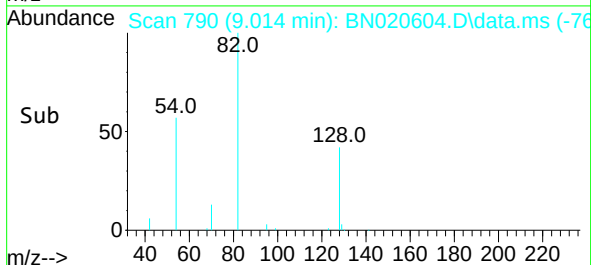
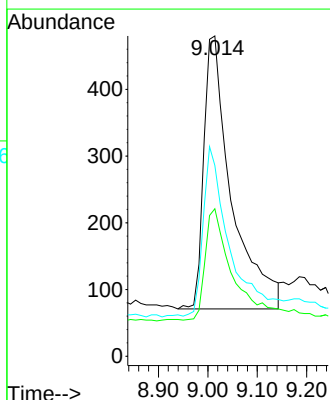
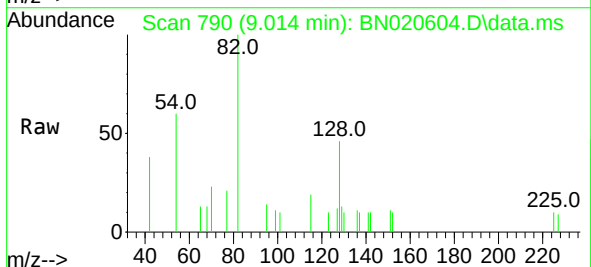
Manual Integrations
APPROVED

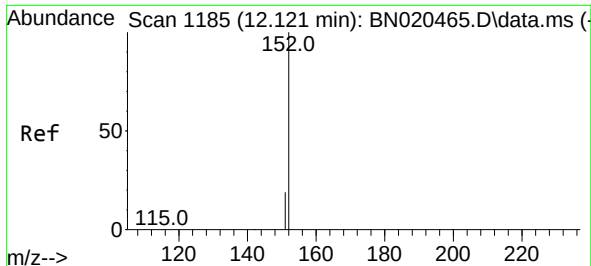
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#8
Nitrobenzene-d5
Concen: 0.153 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.022 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

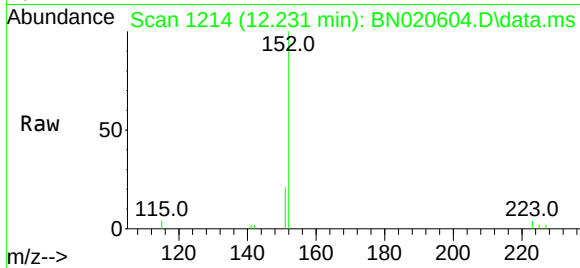
Tgt Ion: 82 Resp: 1591
Ion Ratio Lower Upper
82 100
128 46.0 35.0 52.6
54 59.6 46.2 69.4





#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 12.231 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

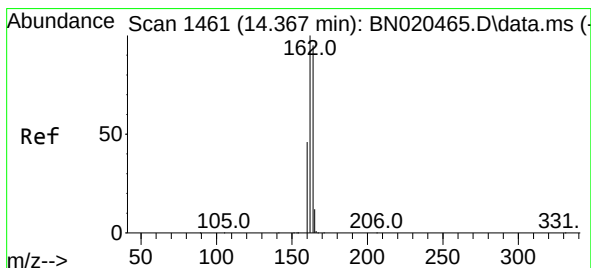
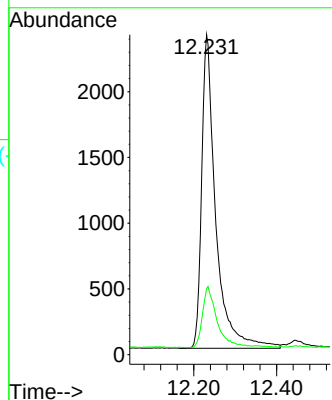
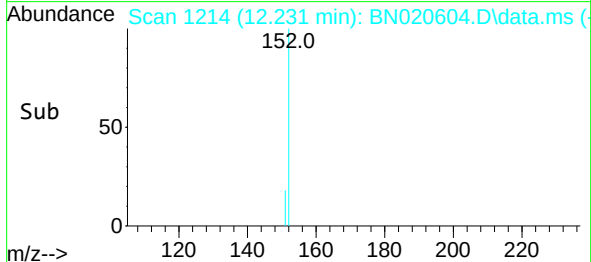
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



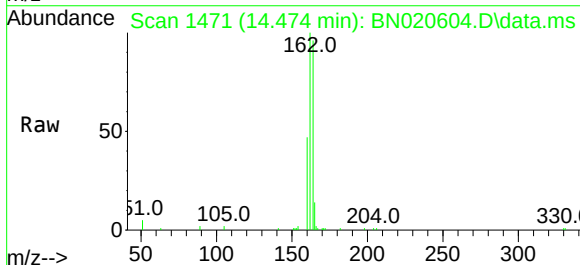
Tgt Ion:152 Resp: 5614
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

Manual Integrations
APPROVED

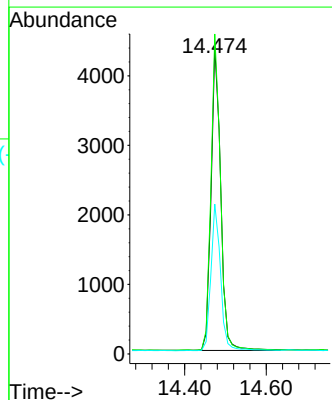
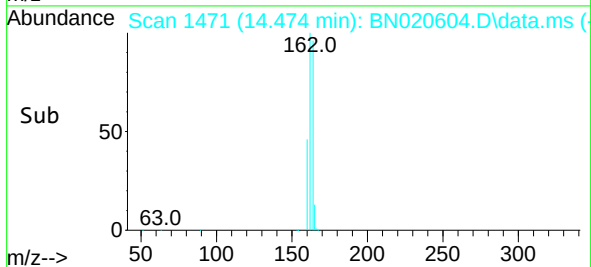
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

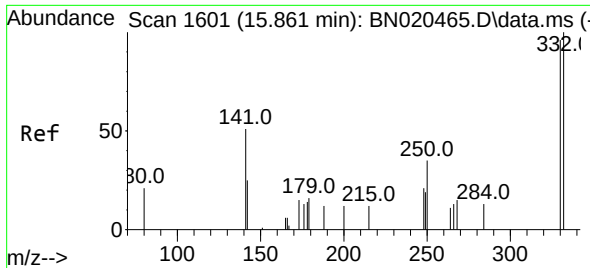


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03



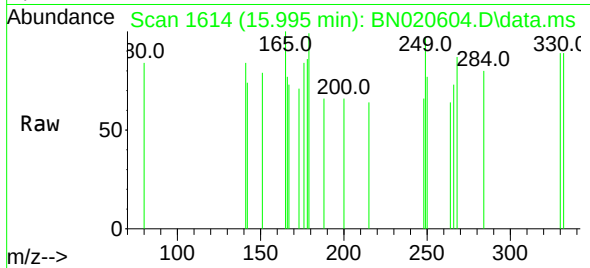
Tgt Ion:164 Resp: 7189
Ion Ratio Lower Upper
164 100
162 104.2 82.1 123.1
160 48.8 38.6 58.0





#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.995 min Scan# 10
Delta R.T. 0.021 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

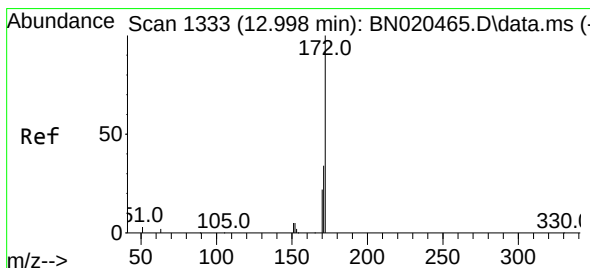
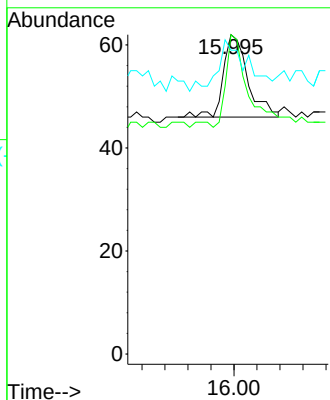
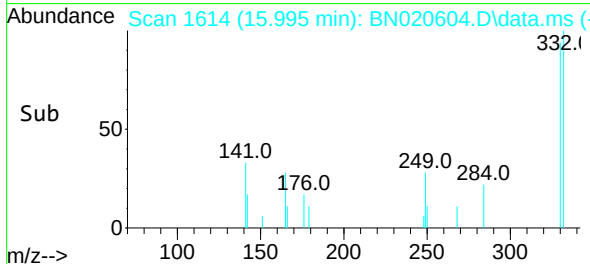
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



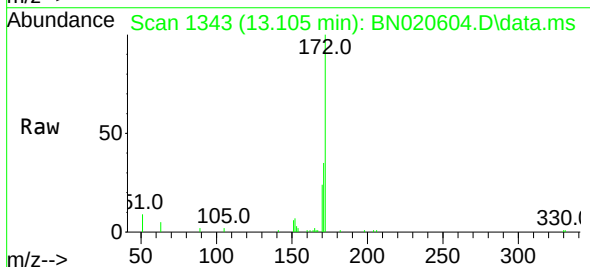
Tgt Ion: 330 Resp: 4
Ion Ratio Lower Upper
330 100
332 100.0 77.6 116.4
141 76.6 41.0 61.4

Manual Integrations
APPROVED

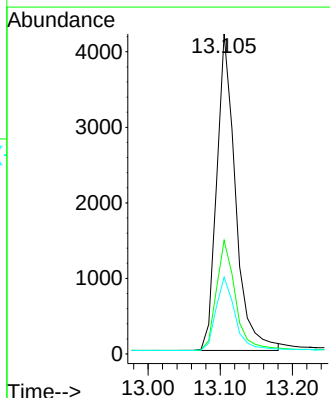
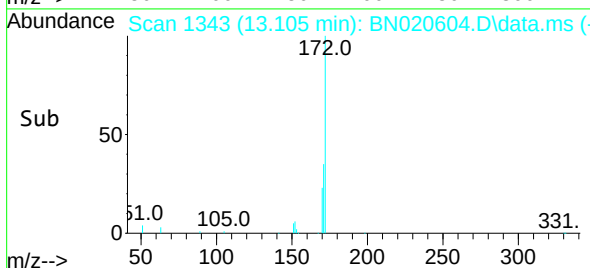
Reviewed By : Christian Giraldo 07/05/2022
Supervised By : Jagrut Upadhyay 07/05/2022

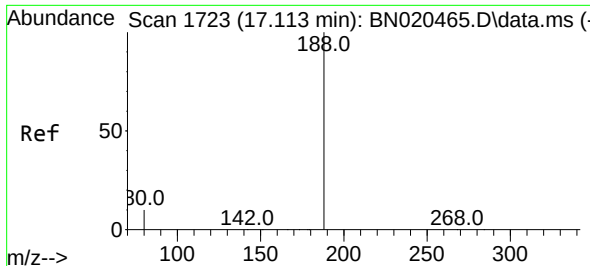


#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03



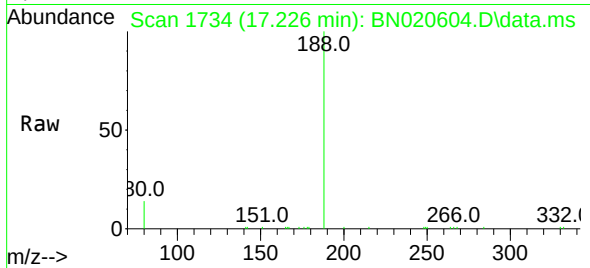
Tgt Ion: 172 Resp: 7572
Ion Ratio Lower Upper
172 100
171 35.5 27.2 40.8
170 24.0 18.2 27.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

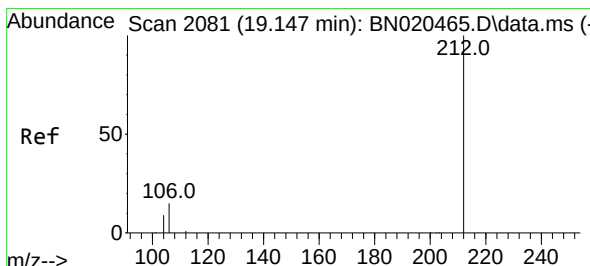
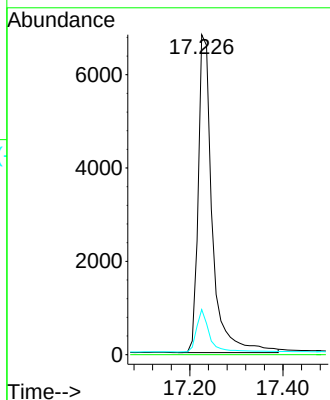
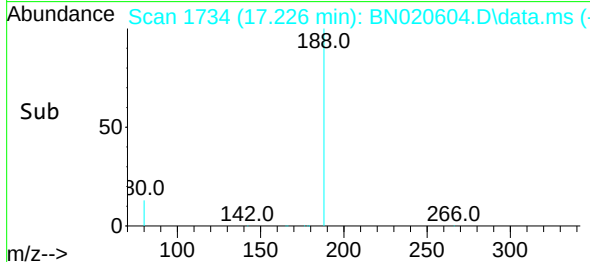
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



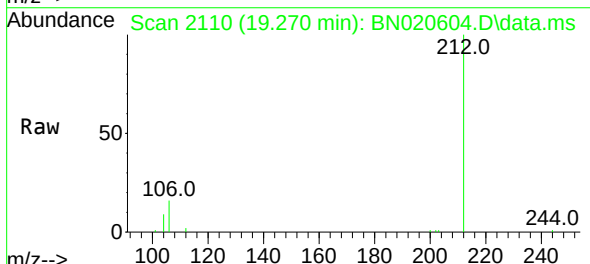
Tgt Ion:188 Resp: 14289
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.4 11.2

Manual Integrations
APPROVED

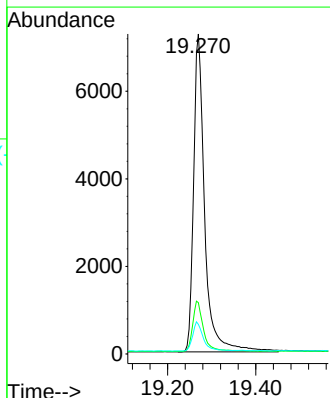
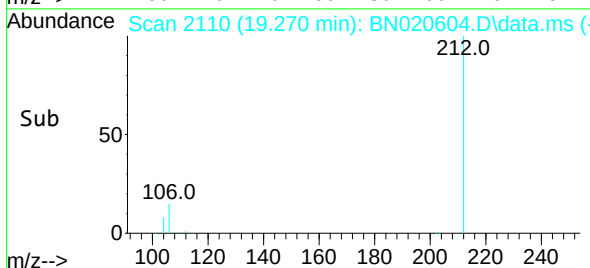
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

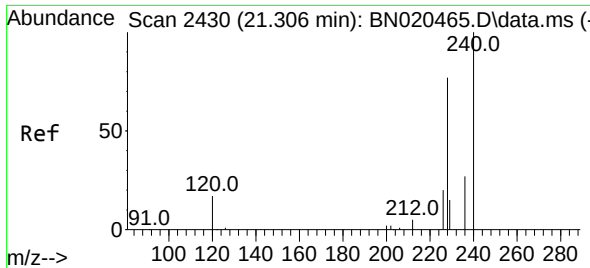


#27
Fluoranthene-d10
Concen: 0.299 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03



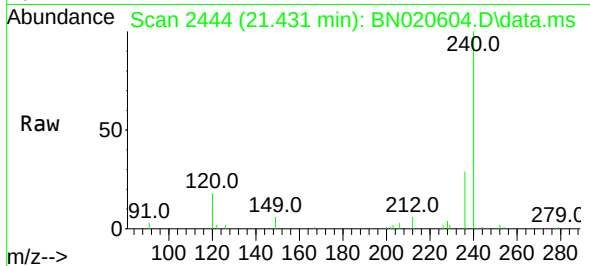
Tgt Ion:212 Resp: 12705
Ion Ratio Lower Upper
212 100
106 15.3 12.6 19.0
104 8.8 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

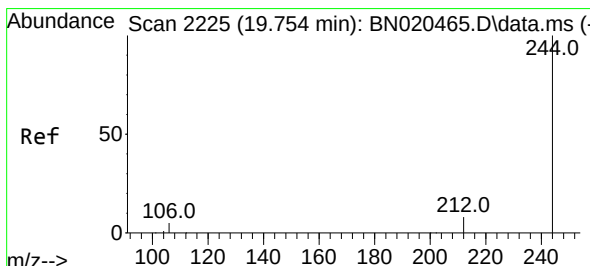
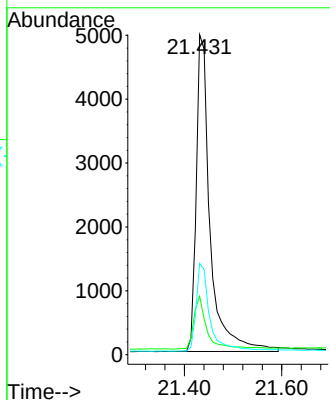
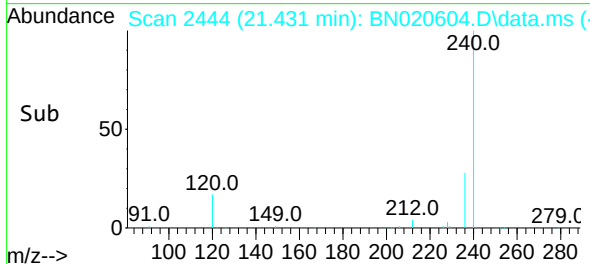
Instrument :
BNA_N
ClientSampleId :
RE114D2-20220622



Tgt Ion:240 Resp: 981
Ion Ratio Lower Upper
240 100
120 18.2 14.6 21.8
236 28.5 22.6 33.8

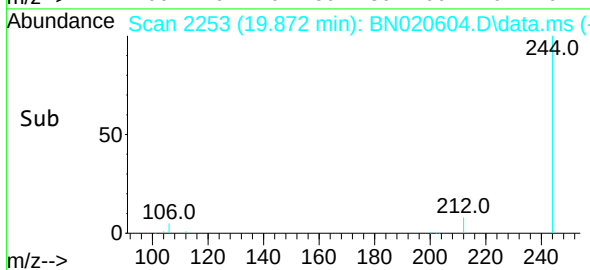
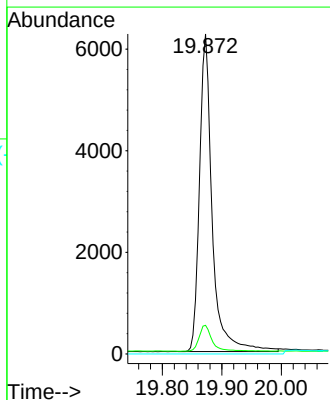
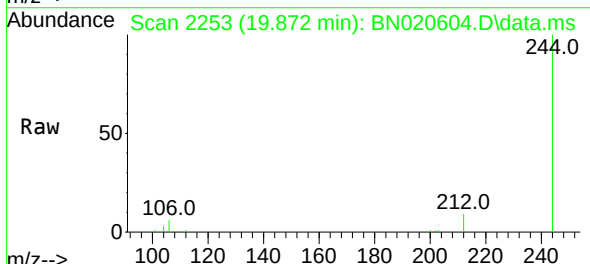
Manual Integrations
APPROVED

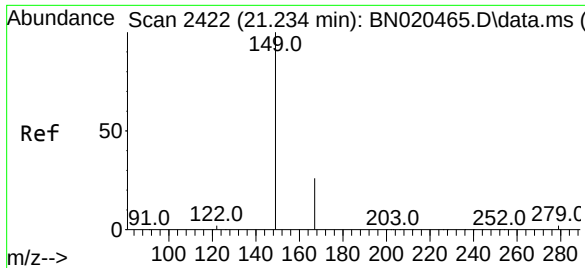
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.872 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN020604.D
Acq: 01 Jul 2022 22:03

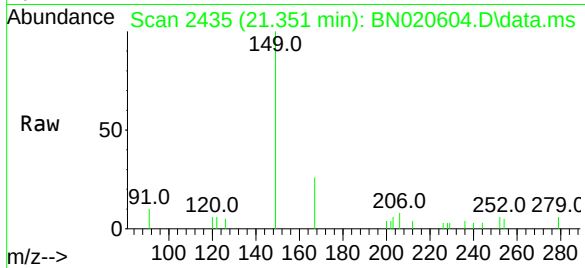
Tgt Ion:244 Resp: 9305
Ion Ratio Lower Upper
244 100
212 9.0 7.1 10.7
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.351 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03

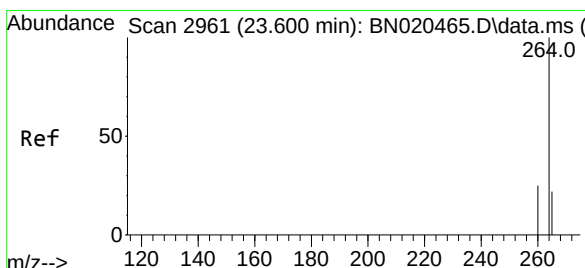
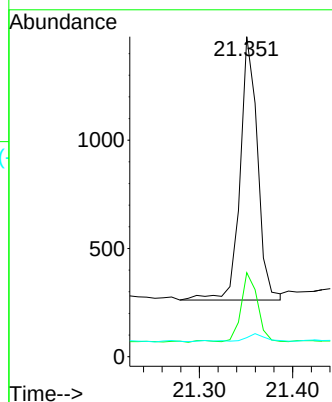
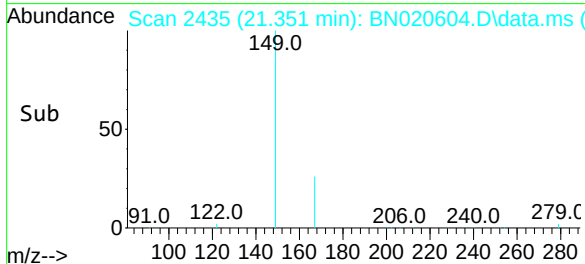
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20220622



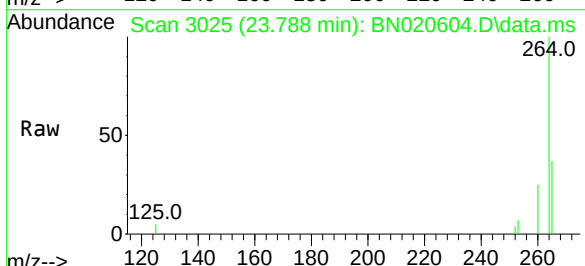
Tgt Ion:149 Resp: 158
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.7 32.5
 279 2.8 2.2 3.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3025
 Delta R.T. -0.003 min
 Lab File: BN020604.D
 Acq: 01 Jul 2022 22:03



Tgt Ion:264 Resp: 7964
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.9 31.3
 265 37.0 28.0 42.0

