

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017906.D
 Acq On : 11 Dec 2021 14:45
 Operator : CG/JU
 Sample : M4923-14DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20211201DL

Quant Time: Dec 11 21:30:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26800	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	103503	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	70222	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	144414	0.400	ng	0.00
29) Chrysene-d12	21.293	240	103861	0.400	ng	0.00
35) Perylene-d12	23.589	264	72636	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	3197	0.058	ng	0.00
5) Phenol-d6	6.903	99	1797	0.033	ng	0.00
8) Nitrobenzene-d5	8.859	82	8027	0.119	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	21224	0.117	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1533	0.373	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	31534	0.128	ng	0.01
27) Fluoranthene-d10	19.129	212	70370	0.150	ng	0.00
31) Terphenyl-d14	19.735	244	53955	0.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	21744m	2.674	ng	
6) bis(2-Chloroethyl)ether	7.143	93	1829	0.027	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	18314	0.164	ng	100

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

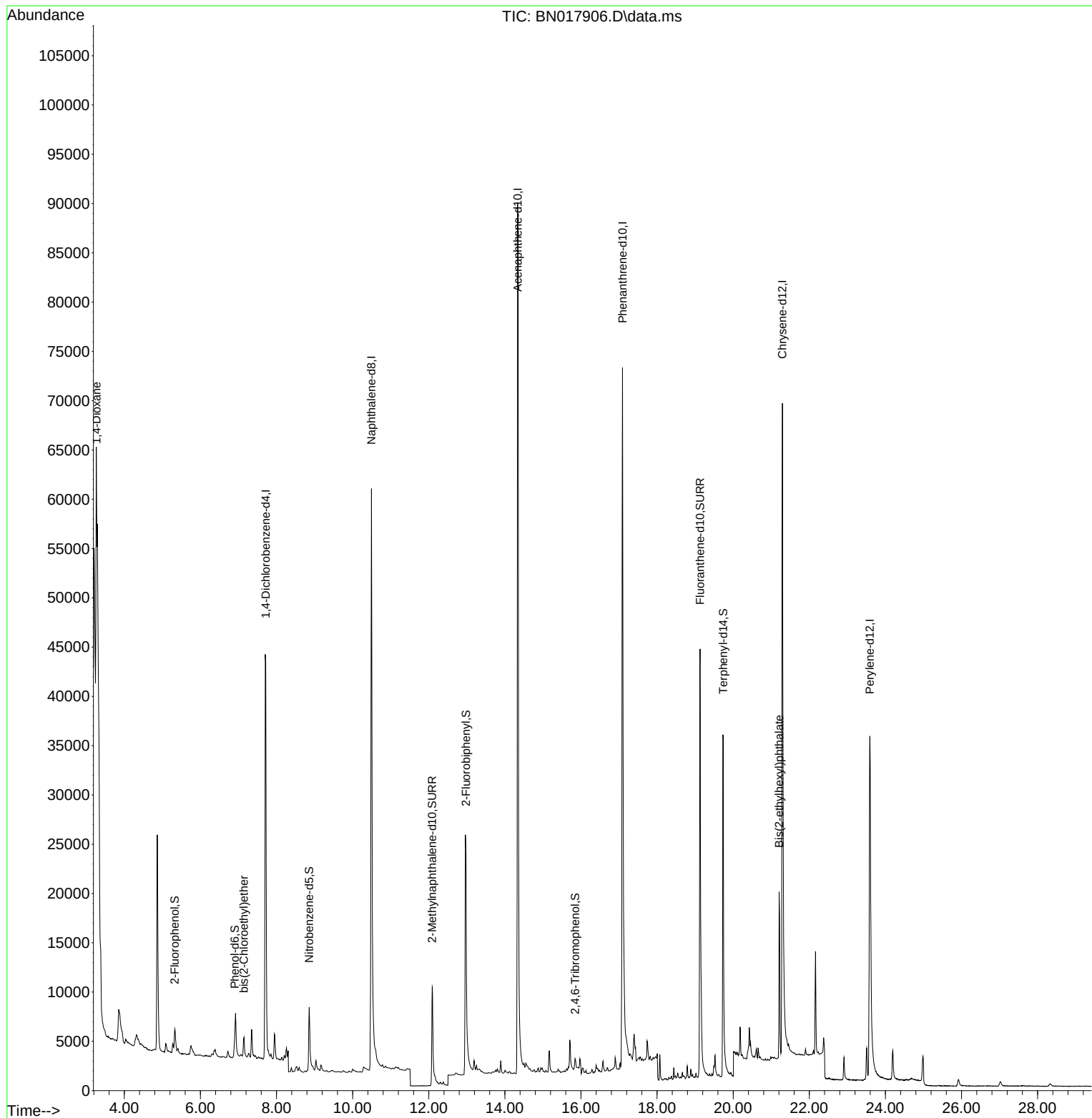
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017906.D
Acq On : 11 Dec 2021 14:45
Operator : CG/JU
Sample : M4923-14DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

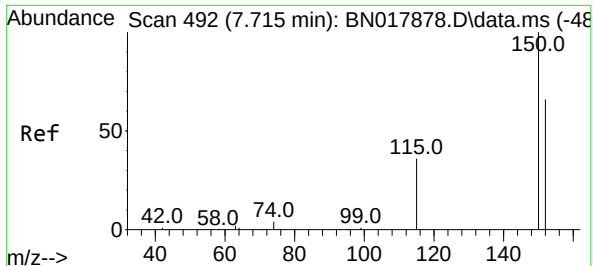
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL

Quant Time: Dec 11 21:30:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

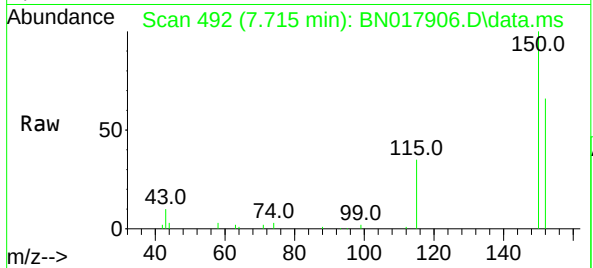
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

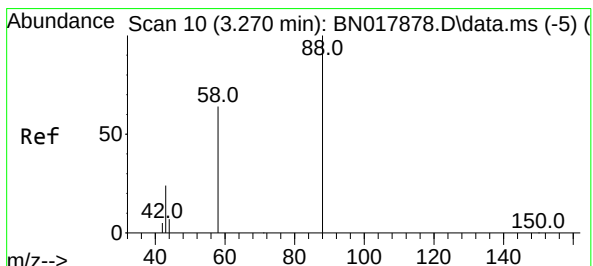
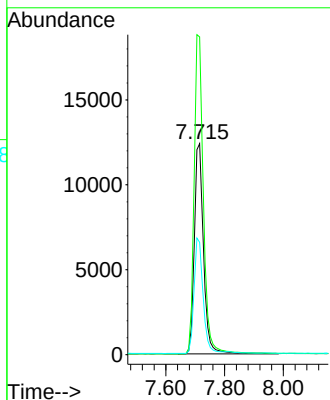
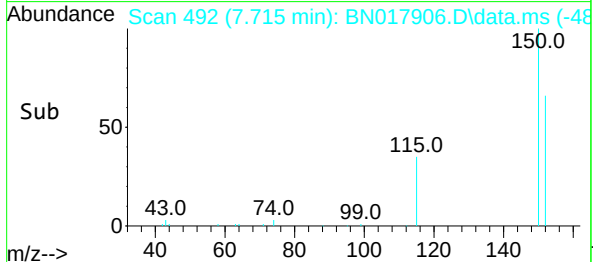
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



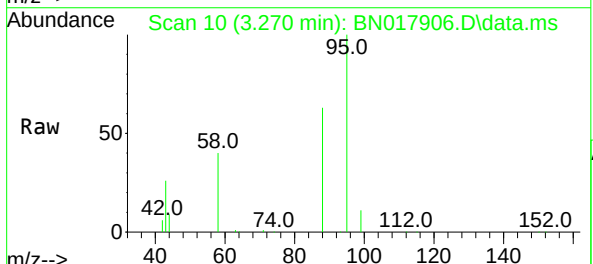
Tgt Ion: 152 Resp: 26800
Ion Ratio Lower Upper
152 100
150 150.6 121.9 182.9
115 53.2 44.1 66.1

Manual Integrations
APPROVED

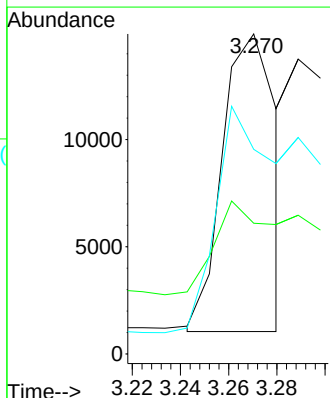
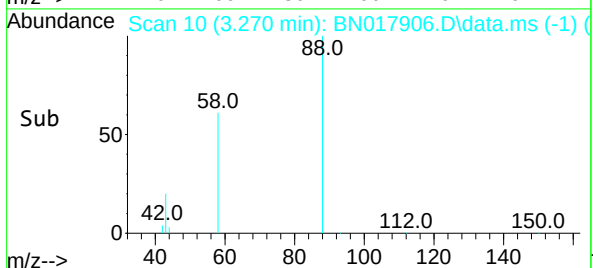
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

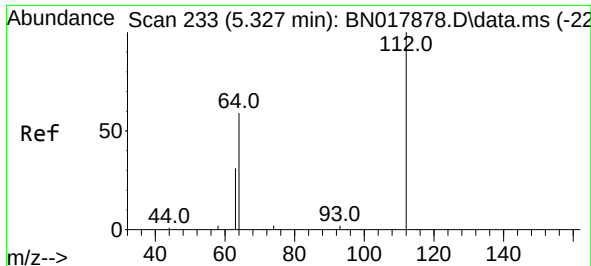


#2
1,4-Dioxane
Concen: 2.674 ng m
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45



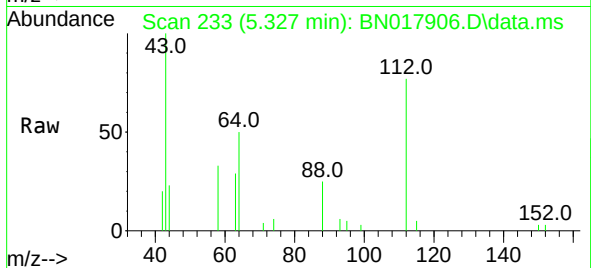
Tgt Ion: 88 Resp: 21744
Ion Ratio Lower Upper
88 100
43 49.9 28.0 42.0#
58 121.5 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

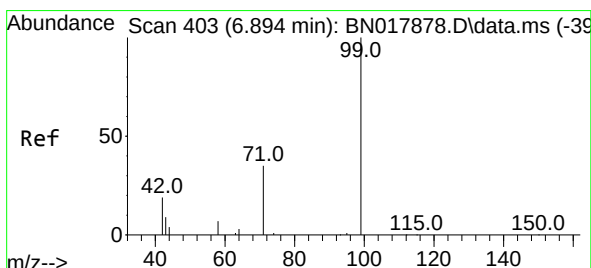
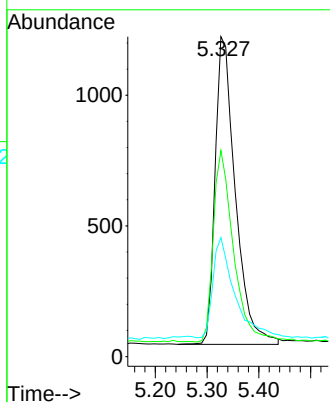
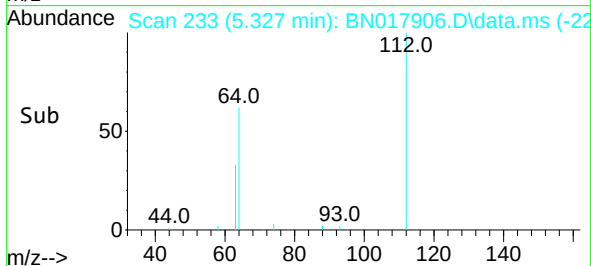
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



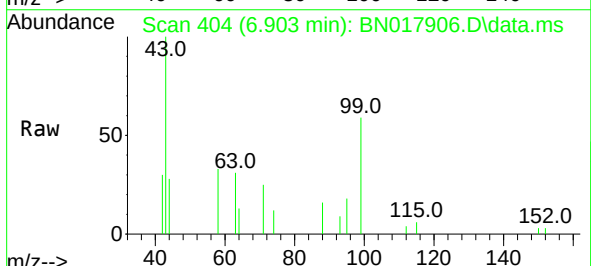
Tgt Ion: 112 Resp: 319
Ion Ratio Lower Upper
112 100
64 61.8 49.0 73.4
63 34.6 26.2 39.2

Manual Integrations
APPROVED

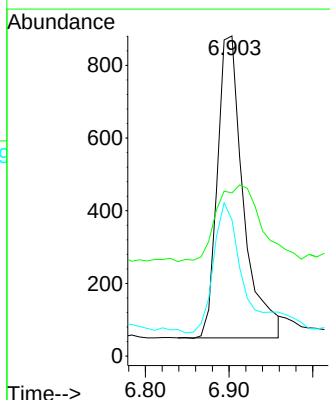
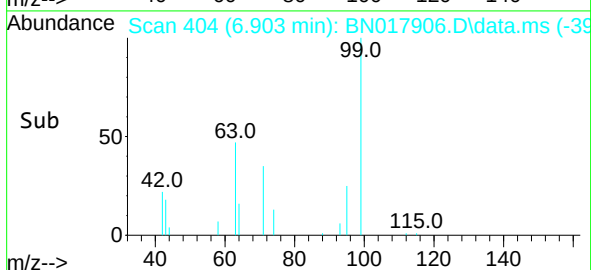
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

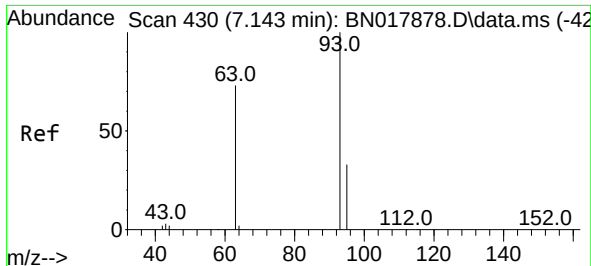


#5
Phenol-d6
Concen: 0.033 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45



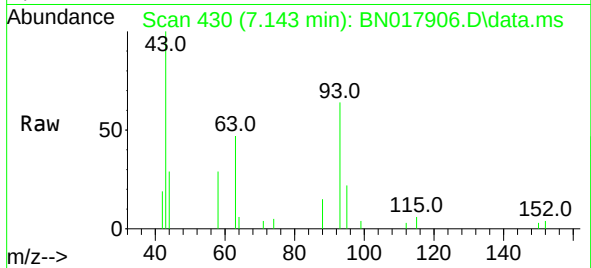
Tgt Ion: 99 Resp: 1797
Ion Ratio Lower Upper
99 100
42 41.8 17.0 25.4#
71 46.4 28.0 42.0#





#6
bis(2-Chloroethyl)ether
Concen: 0.027 ng
RT: 7.143 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

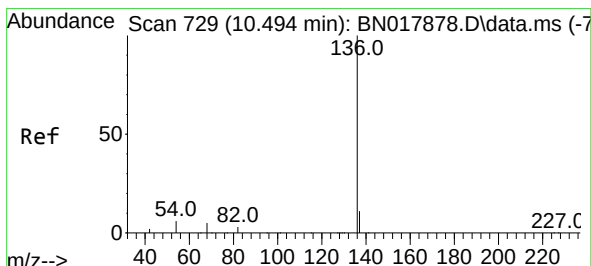
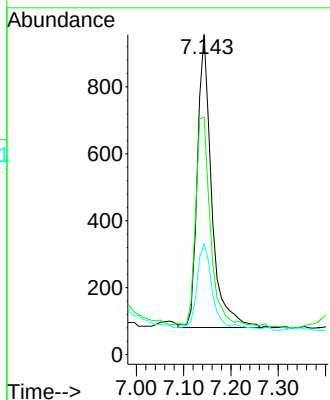
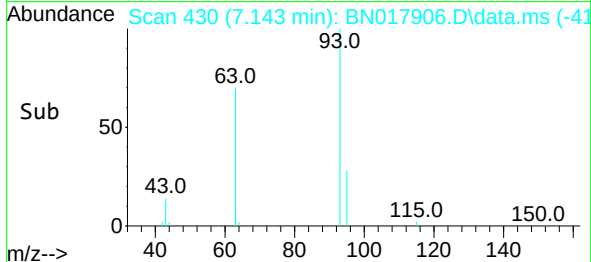
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



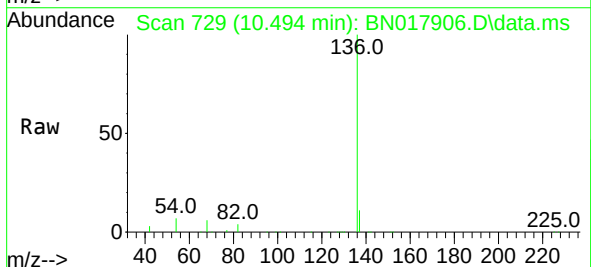
Tgt Ion: 93 Resp: 1829
Ion Ratio Lower Upper
93 100
63 76.1 62.0 93.0
95 31.0 26.2 39.4

Manual Integrations
APPROVED

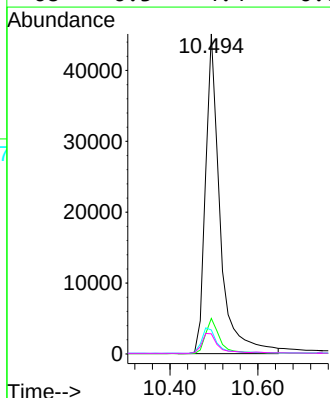
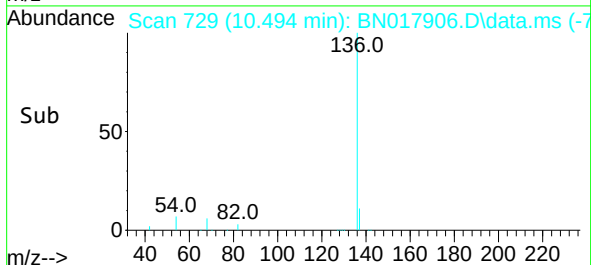
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

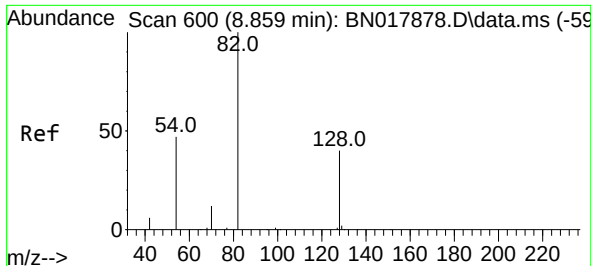


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45



Tgt Ion:136 Resp: 103503
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.1 7.7
68 6.3 4.4 6.6





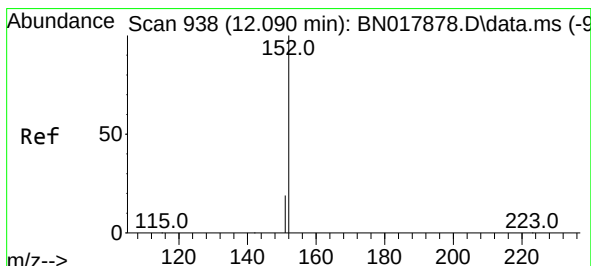
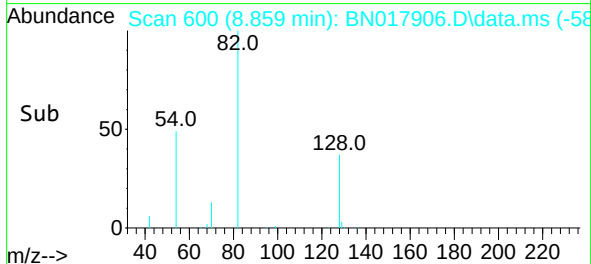
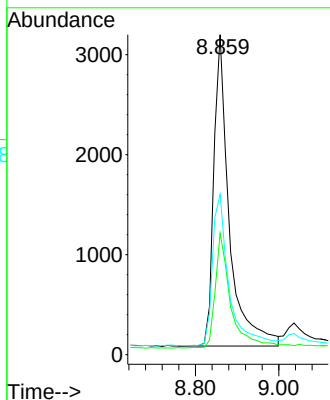
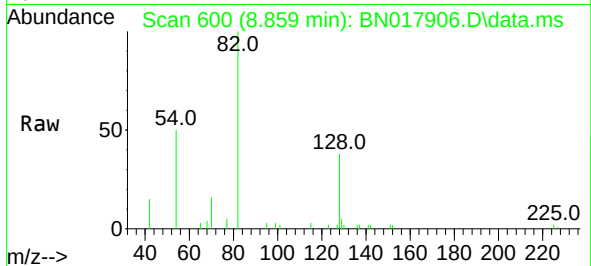
#8
Nitrobenzene-d5
Concen: 0.119 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL

Tgt Ion: 82 Resp: 802
Ion Ratio Lower Upper
82 100
128 38.0 32.2 48.4
54 50.1 37.6 56.4

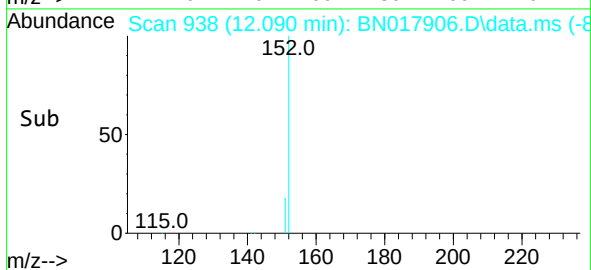
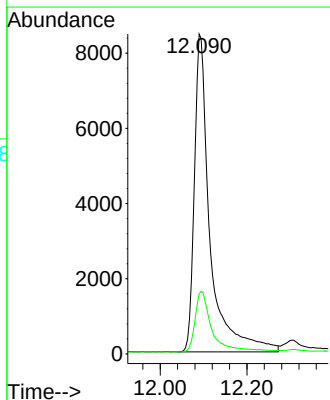
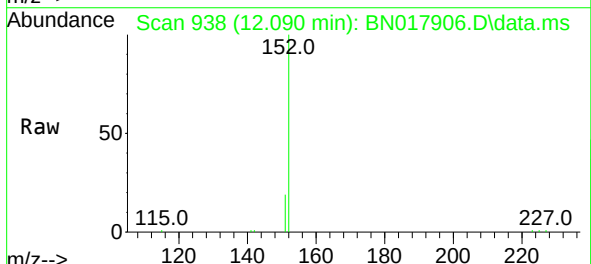
Manual Integrations
APPROVED

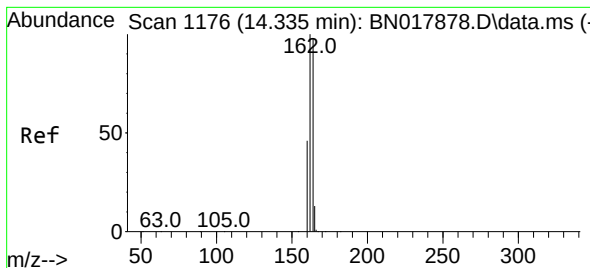
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#11
2-Methylnaphthalene-d10
Concen: 0.117 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

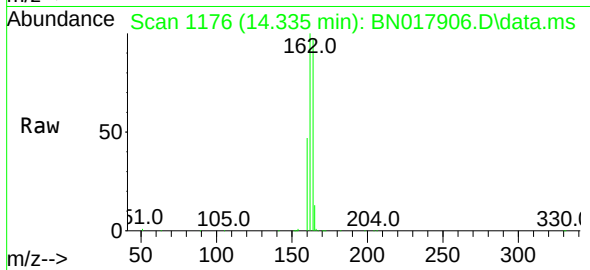
Tgt Ion:152 Resp: 21224
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

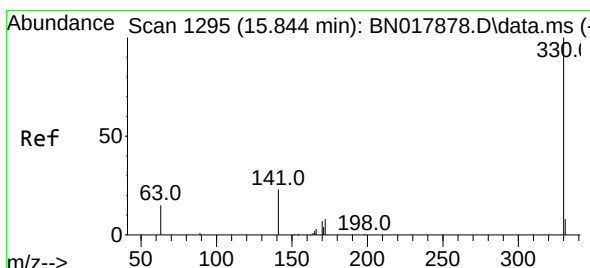
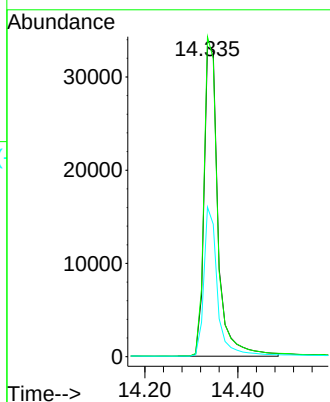
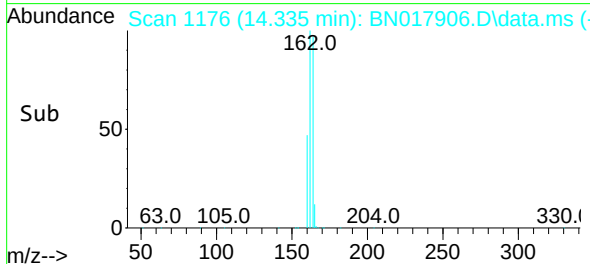
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



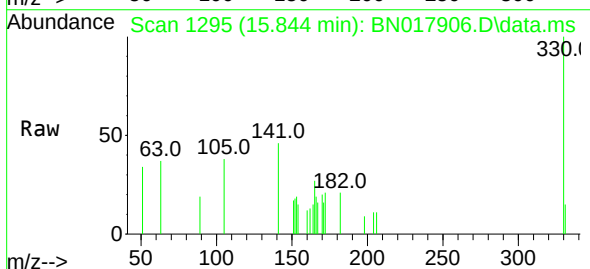
Tgt Ion:164 Resp: 7022
Ion Ratio Lower Upper
164 100
162 103.2 82.1 123.1
160 48.2 38.2 57.2

Manual Integrations
APPROVED

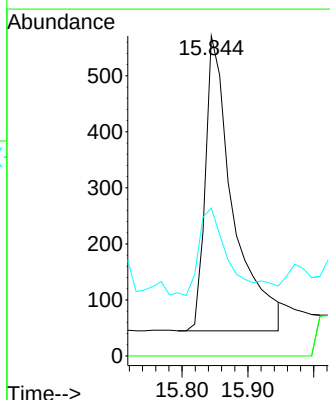
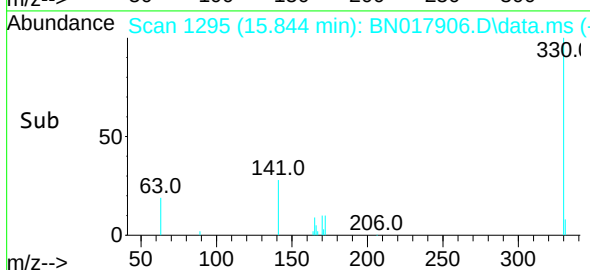
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

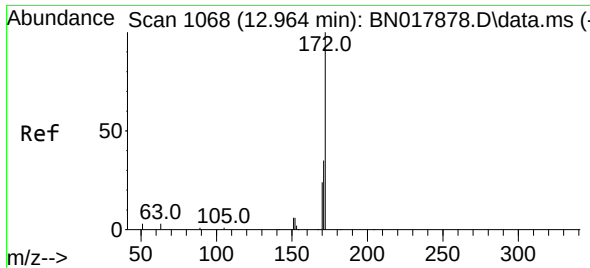


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45



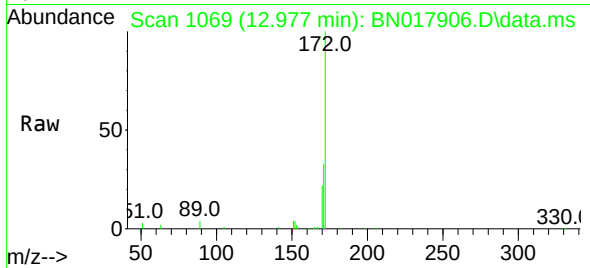
Tgt Ion:330 Resp: 1533
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.7 19.7 29.5





#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

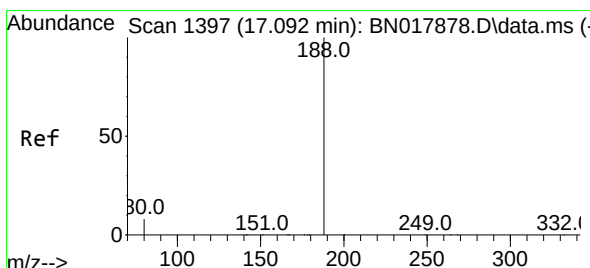
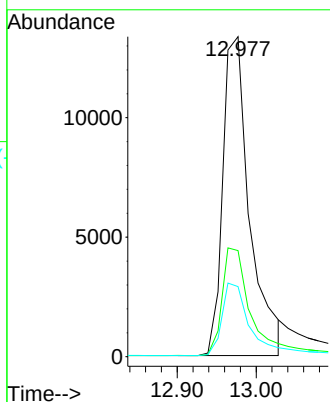
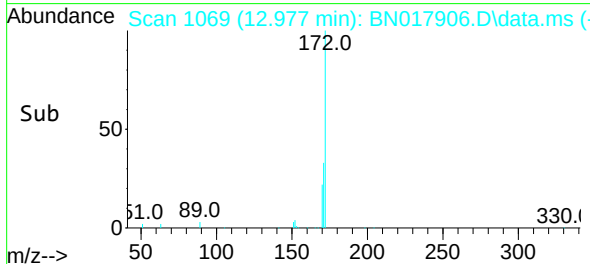
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



Tgt Ion:172 Resp: 31534
Ion Ratio Lower Upper
172 100
171 33.2 28.3 42.5
170 21.9 19.1 28.7

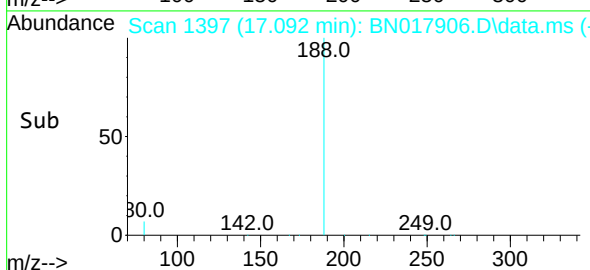
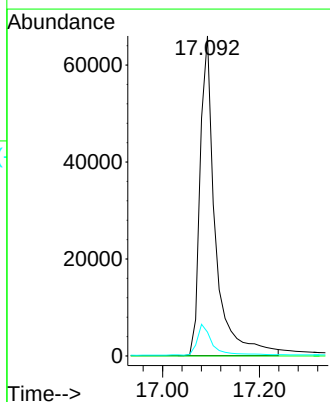
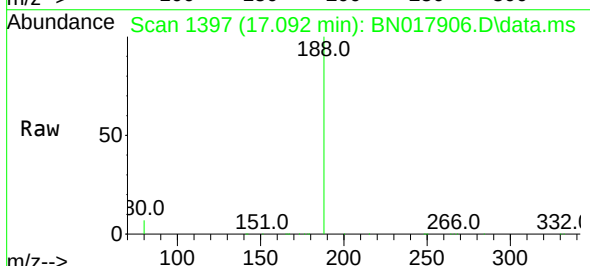
Manual Integrations
APPROVED

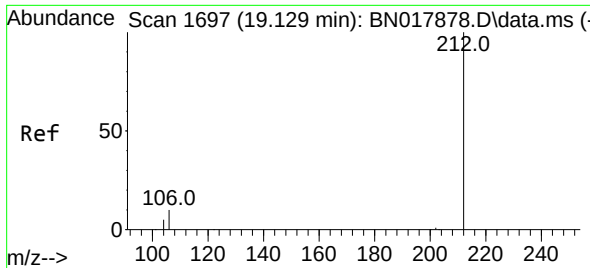
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

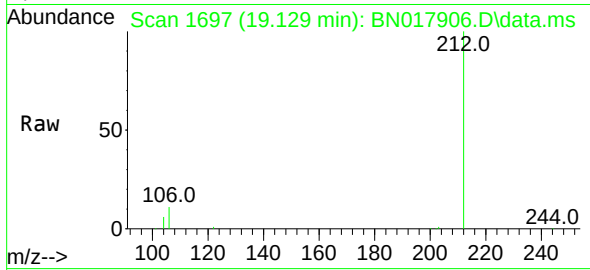
Tgt Ion:188 Resp: 144414
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.2 9.2





#27
Fluoranthene-d10
Concen: 0.150 ng
RT: 19.129 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

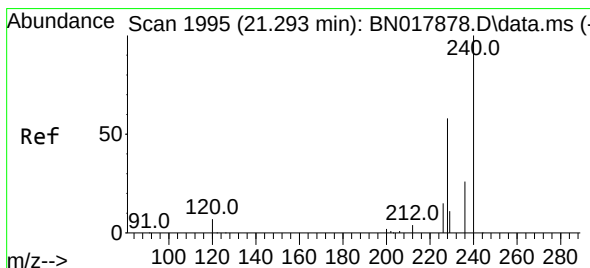
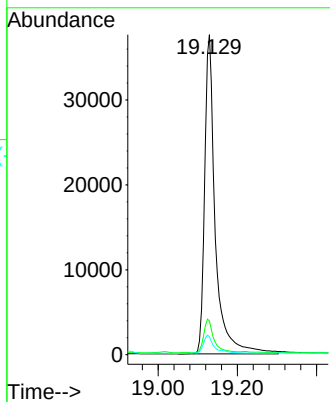
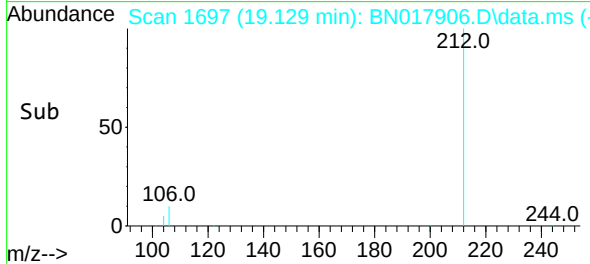
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



Tgt Ion:212 Resp: 70370
Ion Ratio Lower Upper
212 100
106 10.0 8.3 12.5
104 5.9 4.6 6.8

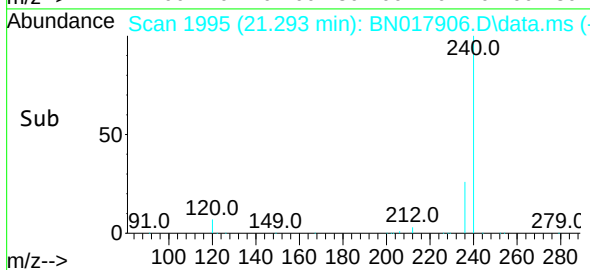
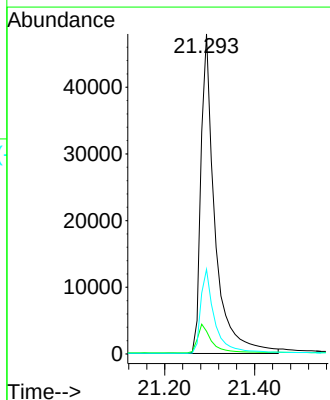
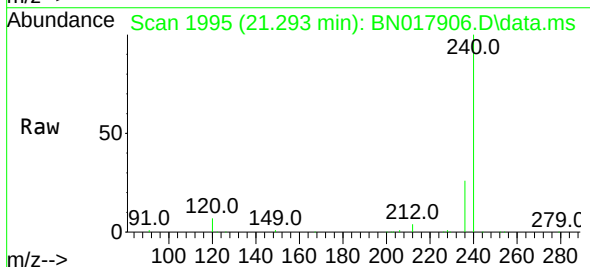
Manual Integrations
APPROVED

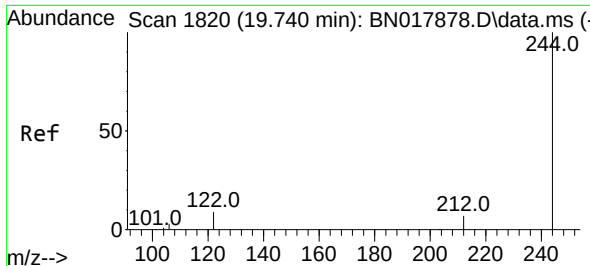
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

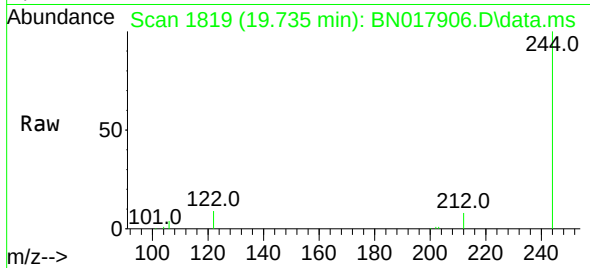
Tgt Ion:240 Resp: 103861
Ion Ratio Lower Upper
240 100
120 7.1 5.8 8.8
236 26.4 21.0 31.6





#31
Terphenyl-d14
Concen: 0.211 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

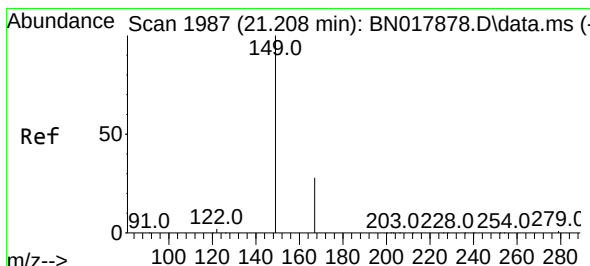
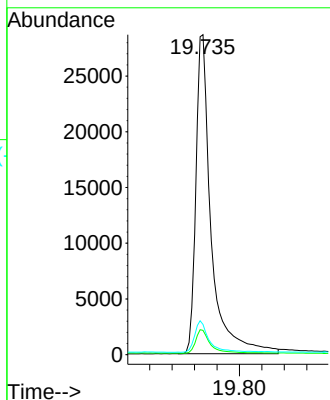
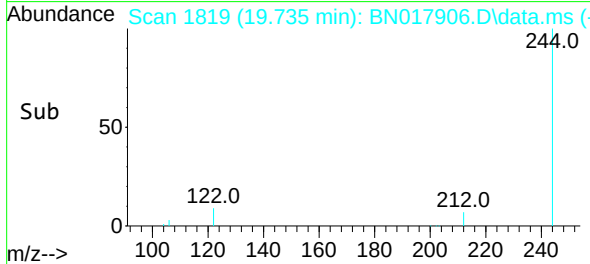
Instrument :
BNA_N
ClientSampleId :
TT101D-20211201DL



Tgt Ion:244 Resp: 5395
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.5 7.5 11.3

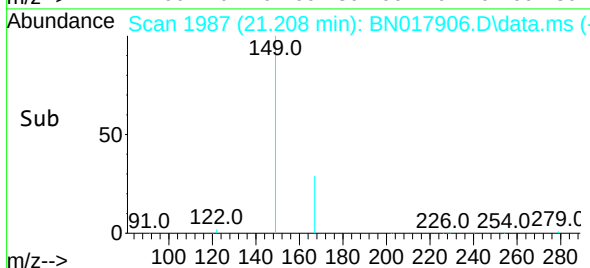
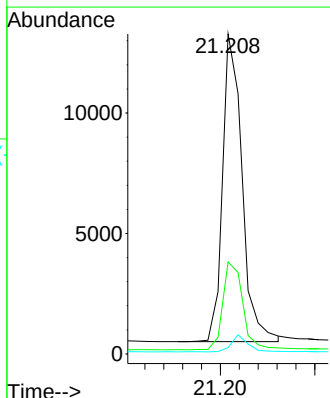
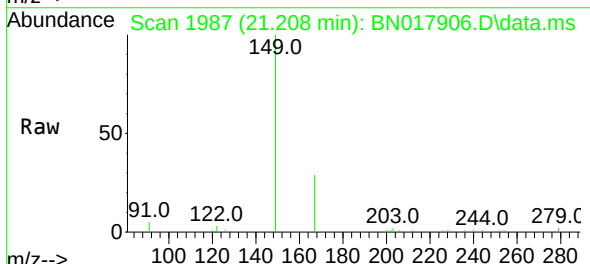
Manual Integrations
APPROVED

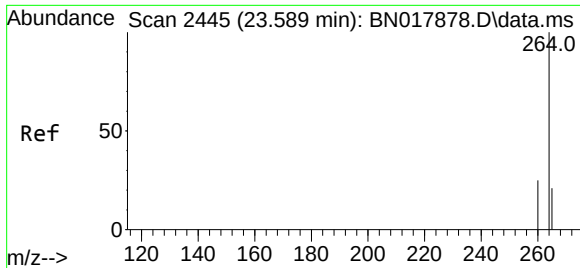
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017906.D
Acq: 11 Dec 2021 14:45

Tgt Ion:149 Resp: 18314
Ion Ratio Lower Upper
149 100
167 29.1 23.4 35.0
279 4.6 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.589 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN017906.D

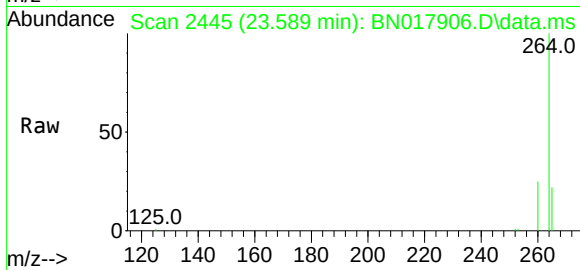
Acq: 11 Dec 2021 14:45

Instrument :

BNA_N

ClientSampleId :

TT101D-20211201DL



Tgt Ion:264 Resp: 72630

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 22.1 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2021

Supervised By :Jagrut Upadhyay 12/13/2021

