

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017996.D
 Acq On : 14 Dec 2021 10:28
 Operator : CG/JU
 Sample : M4923-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20211202

Quant Time: Dec 15 02:18:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Jagrut Upadhyay 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	30563	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	124244	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	73314	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	144664	0.400	ng	0.00
29) Chrysene-d12	21.270	240	134896	0.400	ng	0.00
35) Perylene-d12	23.553	264	120964	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	3021979	45.610	ng	0.03
5) Phenol-d6	6.886	99	2167324	32.626	ng	0.02
8) Nitrobenzene-d5	8.848	82	6497315	73.699	ng	0.01
11) 2-Methylnaphthalene-d10	12.069	152	51640	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	3681190	79.602	ng	0.01
15) 2-Fluorobiphenyl	12.949	172	11475198	44.917	ng	0.00
27) Fluoranthene-d10	19.108	212	159841	0.331	ng	0.00
31) Terphenyl-d14	19.728	244	12712302	45.218	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.262	88	87877m	4.613	ng	Qvalue
24) Pentachlorophenol	16.762	266	402	0.257	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.195	149	14470	0.073	ng	100

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

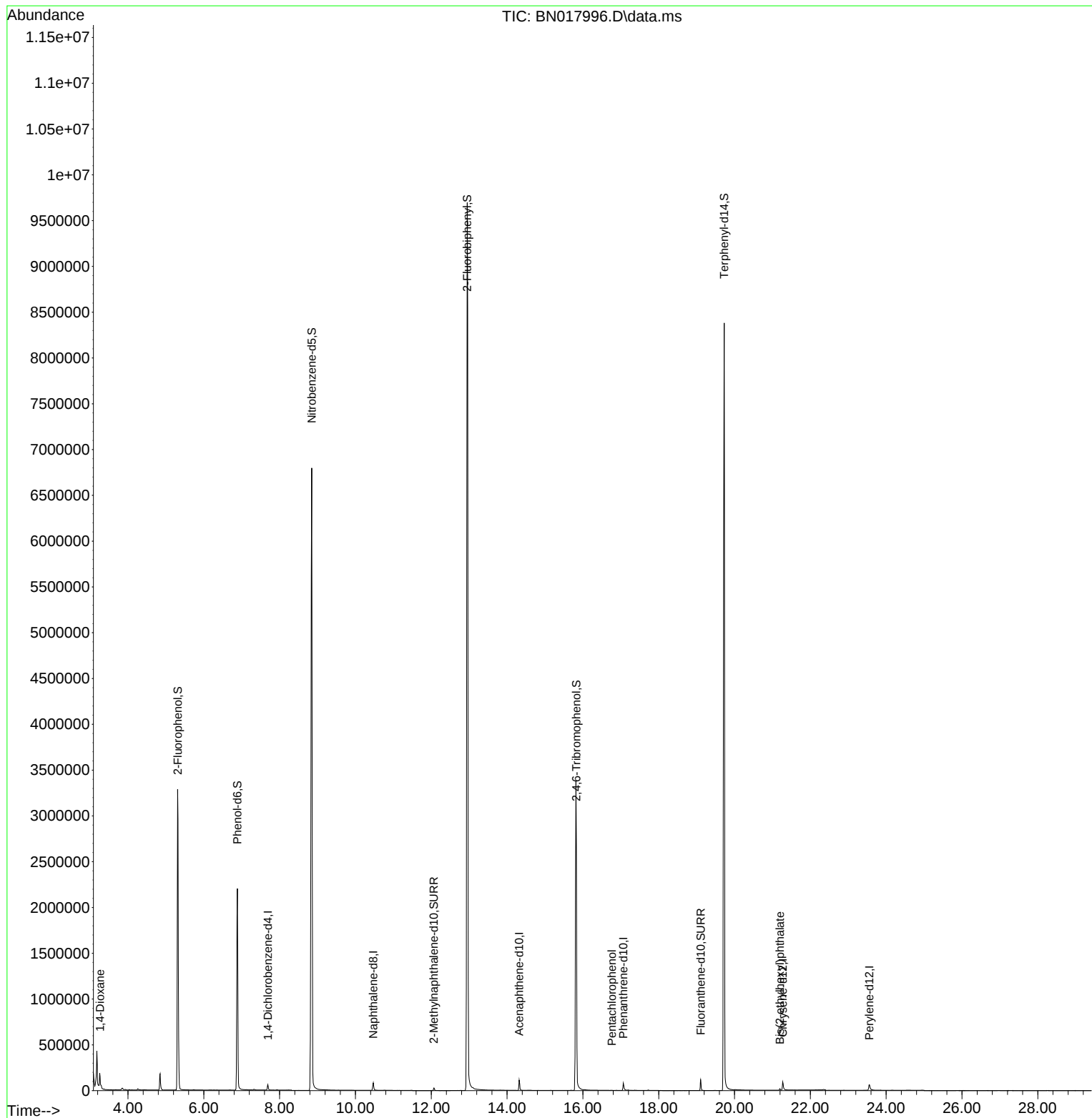
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017996.D
Acq On : 14 Dec 2021 10:28
Operator : CG/JU
Sample : M4923-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

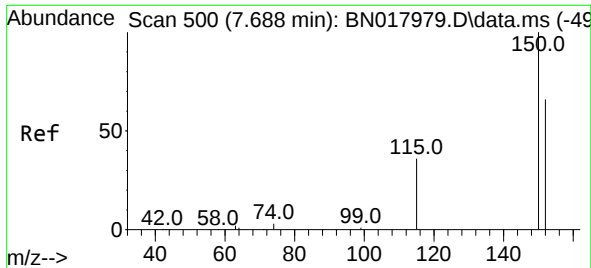
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202

Quant Time: Dec 15 02:18:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

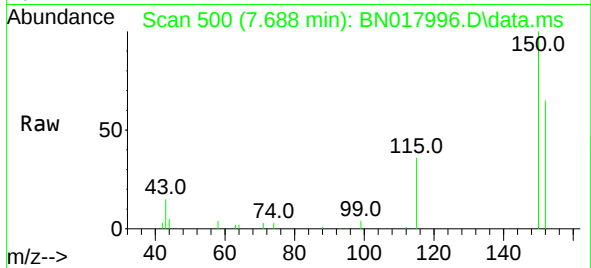
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN017996.D
 Acq: 14 Dec 2021 10:28

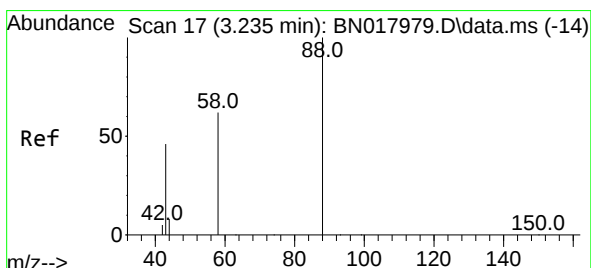
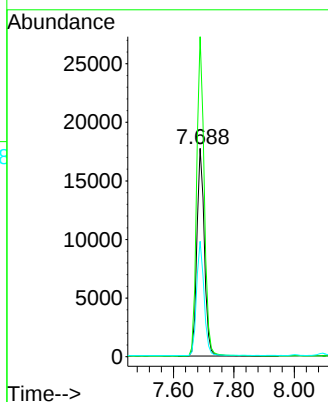
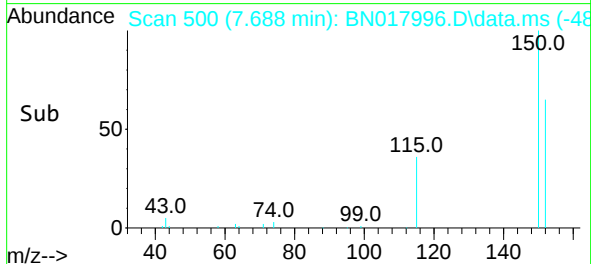
Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20211202



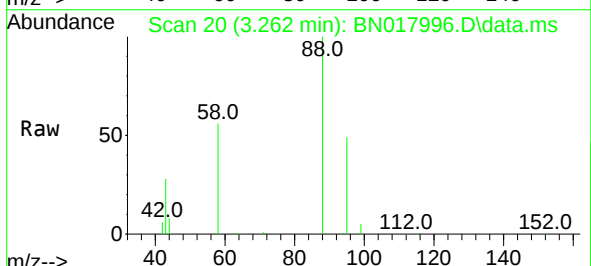
Tgt Ion: 152 Resp: 3056
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.7 182.5
 115 55.4 43.8 65.8

Manual Integrations
 APPROVED

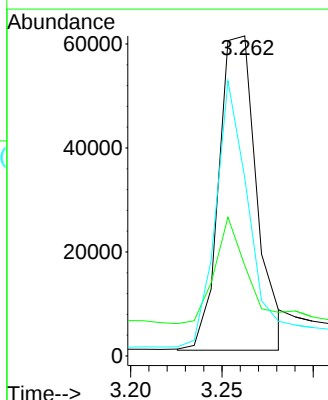
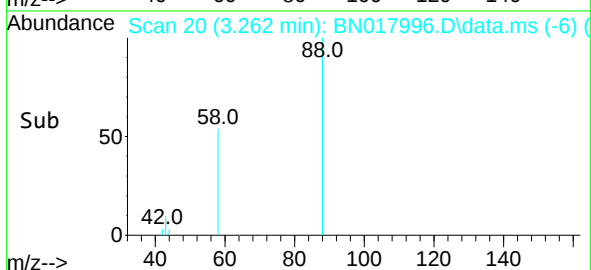
Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Jagrut Upadhyay 12/15/2021

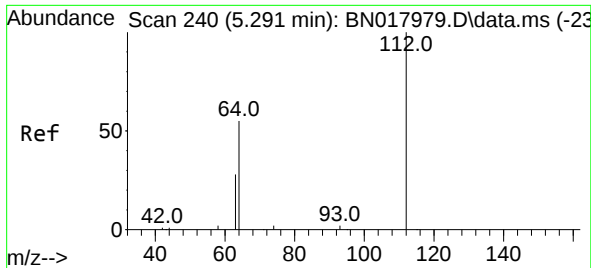


#2
 1,4-Dioxane
 Concen: 4.613 ng m
 RT: 3.262 min Scan# 20
 Delta R.T. 0.028 min
 Lab File: BN017996.D
 Acq: 14 Dec 2021 10:28



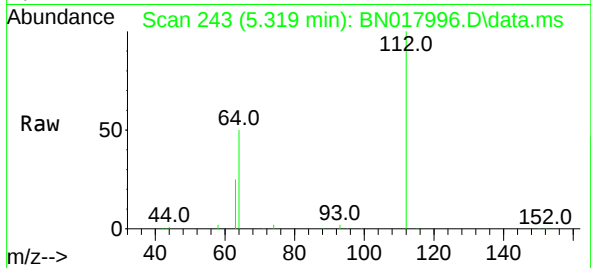
Tgt Ion: 88 Resp: 87877
 Ion Ratio Lower Upper
 88 100
 43 0.0 69.7 104.5#
 58 0.0 83.8 125.8#





#4
2-Fluorophenol
Concen: 45.610 ng
RT: 5.319 min Scan# 240
Delta R.T. 0.028 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

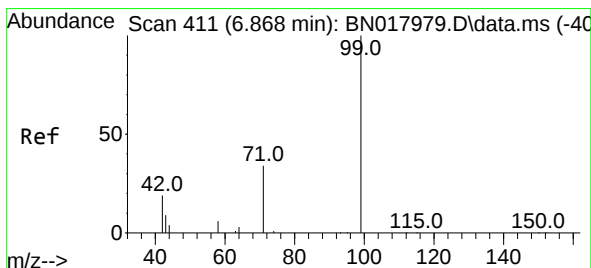
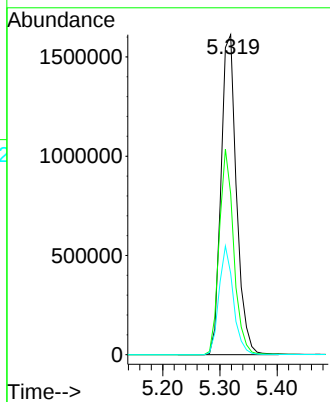
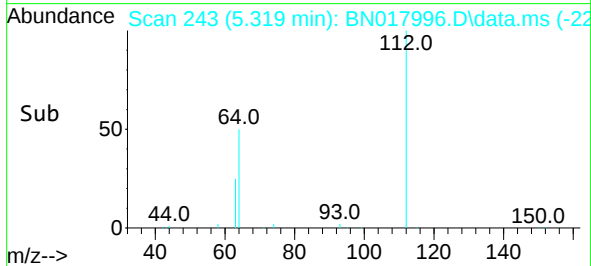
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202



Tgt Ion: 112 Resp: 3021979
Ion Ratio Lower Upper
112 100
64 60.3 48.0 72.0
63 31.5 25.3 37.9

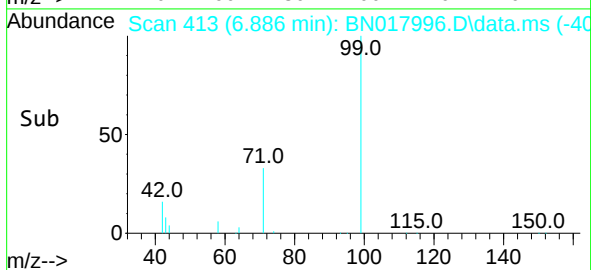
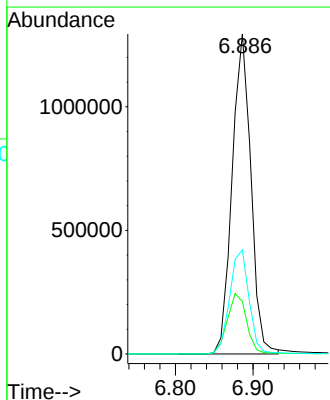
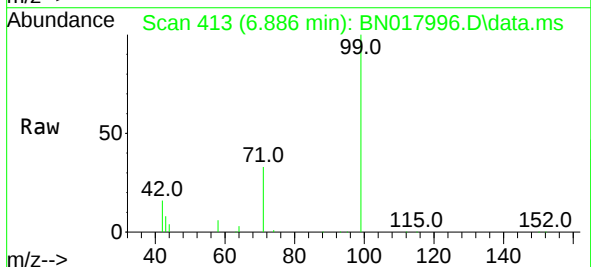
Manual Integrations
APPROVED

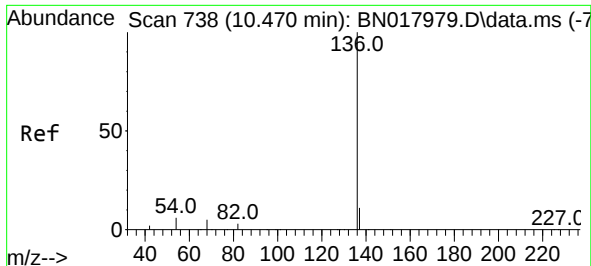
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#5
Phenol-d6
Concen: 32.626 ng
RT: 6.886 min Scan# 413
Delta R.T. 0.019 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

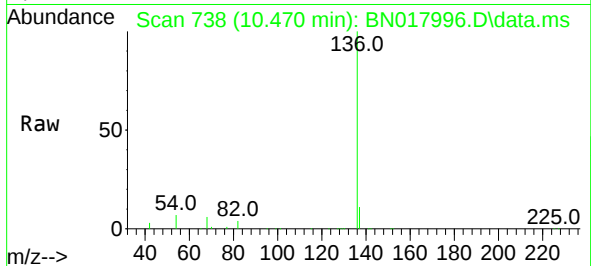
Tgt Ion: 99 Resp: 2167324
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 33.6 26.8 40.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

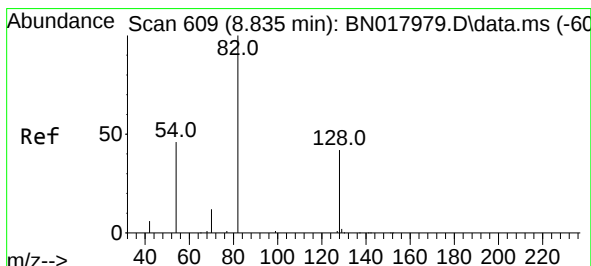
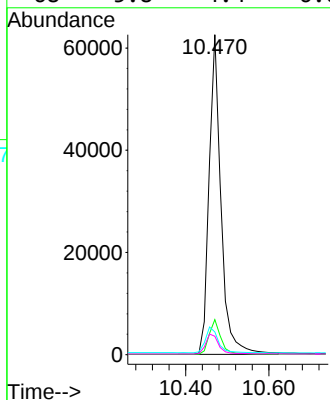
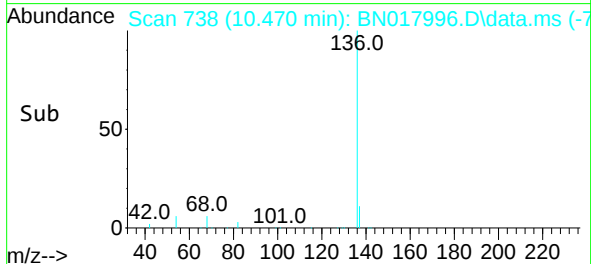
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202



Tgt Ion:136 Resp: 124244
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.0 7.6
68 5.8 4.4 6.6

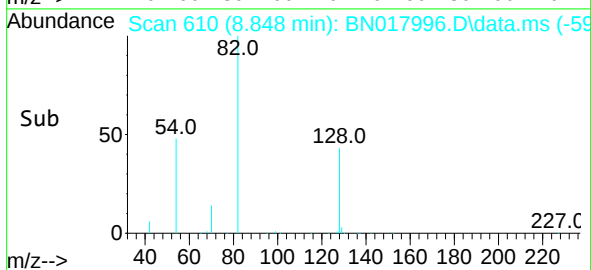
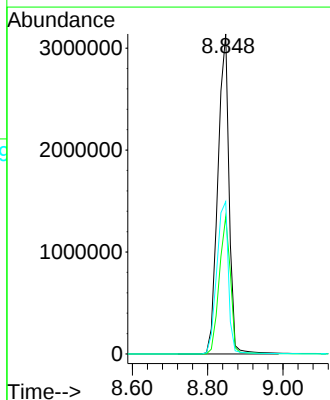
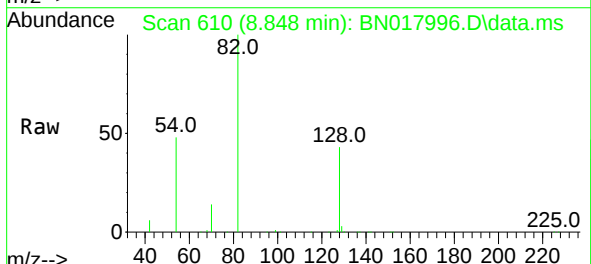
Manual Integrations
APPROVED

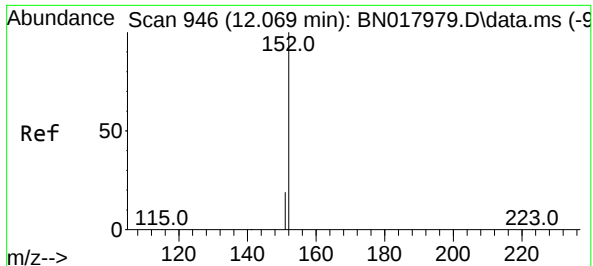
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#8
Nitrobenzene-d5
Concen: 73.699 ng
RT: 8.848 min Scan# 610
Delta R.T. 0.013 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

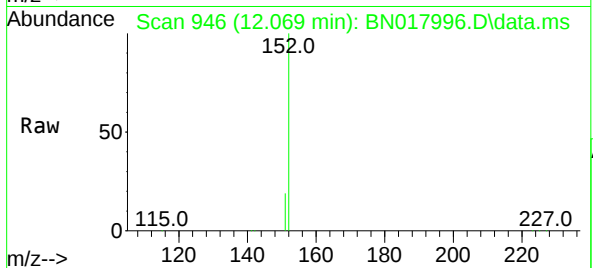
Tgt Ion: 82 Resp: 6497315
Ion Ratio Lower Upper
82 100
128 42.8 33.7 50.5
54 47.6 36.6 55.0





#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.069 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

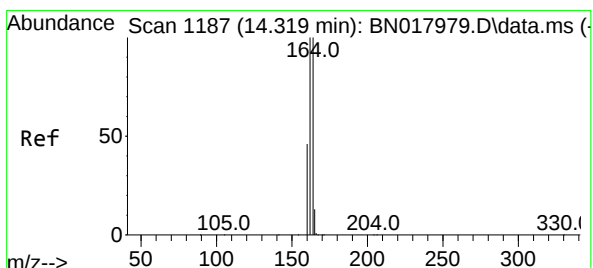
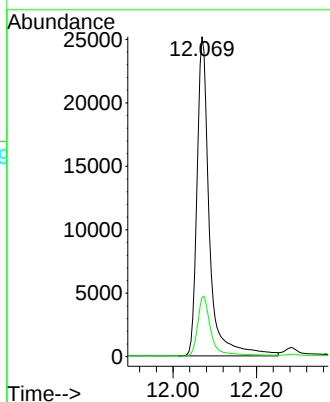
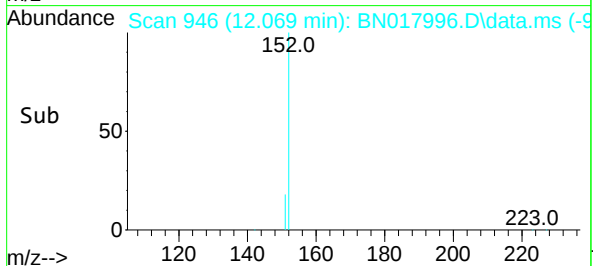
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202



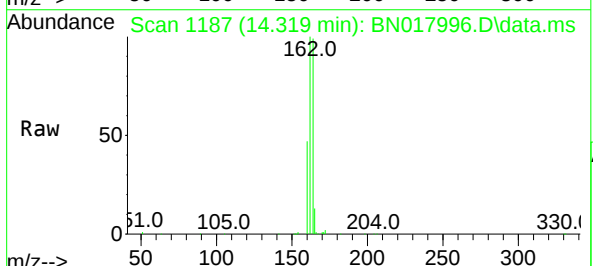
Tgt Ion:152 Resp: 51640
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

Manual Integrations
APPROVED

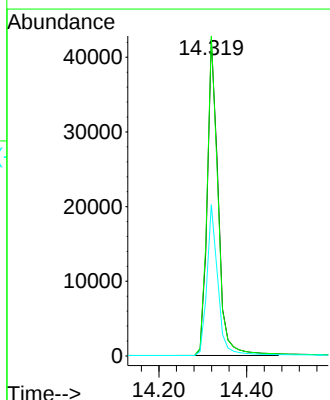
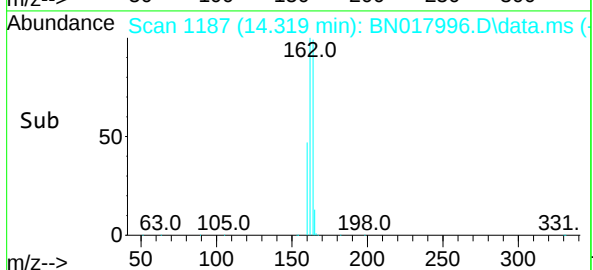
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

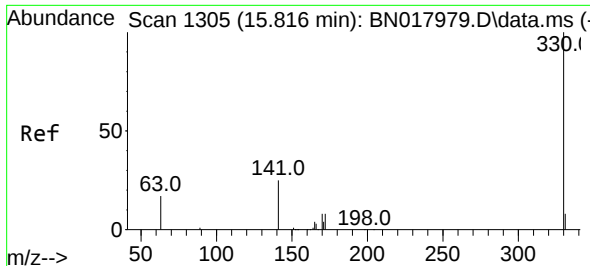


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28



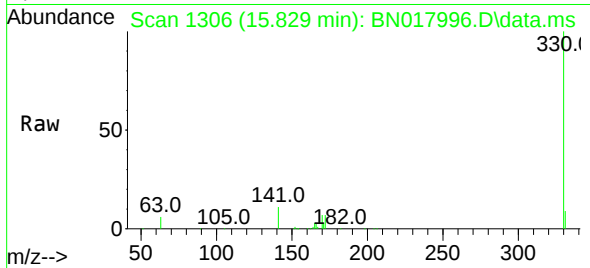
Tgt Ion:164 Resp: 73314
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 47.7 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 79.602 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.013 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

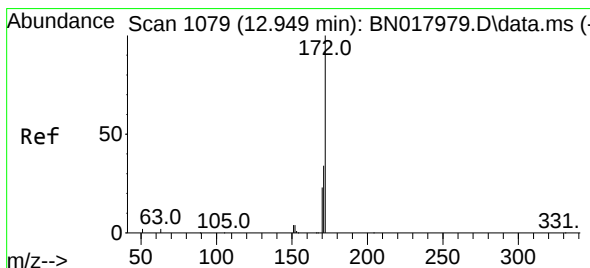
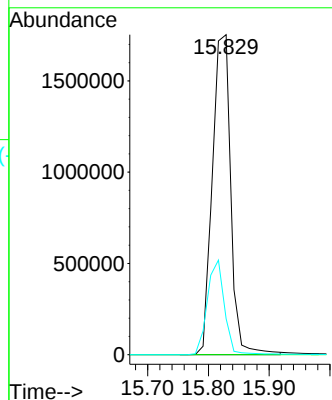
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202



Tgt Ion:330 Resp: 3681190
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.7 21.3 31.9

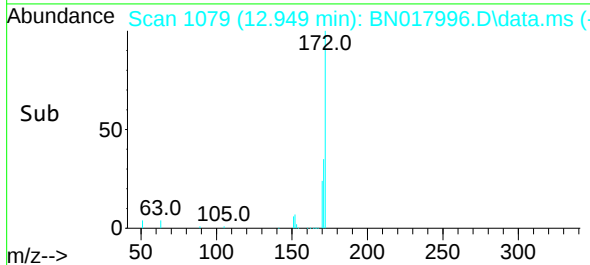
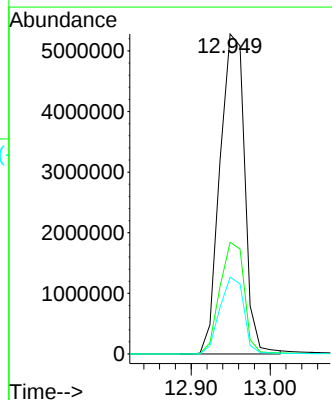
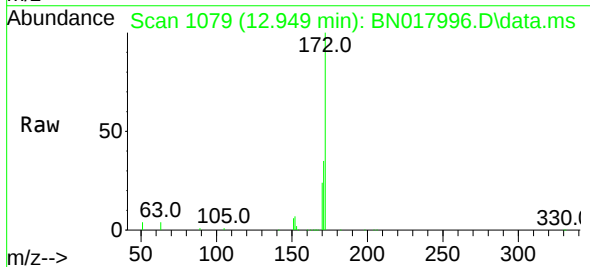
Manual Integrations
APPROVED

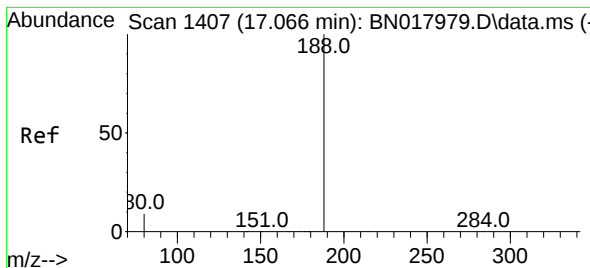
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#15
2-Fluorobiphenyl
Concen: 44.917 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

Tgt Ion:172 Resp:11475198
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 24.0 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.066 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BN017996.D

Acq: 14 Dec 2021 10:28

Instrument :

BNA_N

ClientSampleId :

RE105D1-20211202

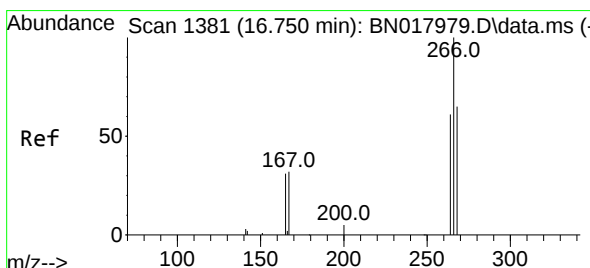
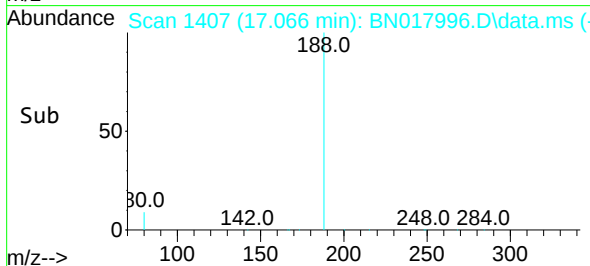
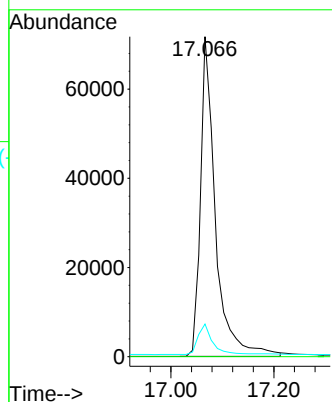
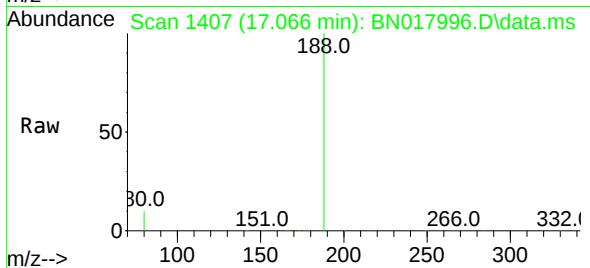
Tgt Ion:188 Resp: 144664

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#24

Pentachlorophenol

Concen: 0.257 ng

RT: 16.762 min Scan# 1382

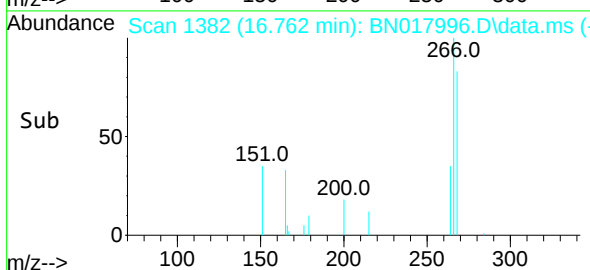
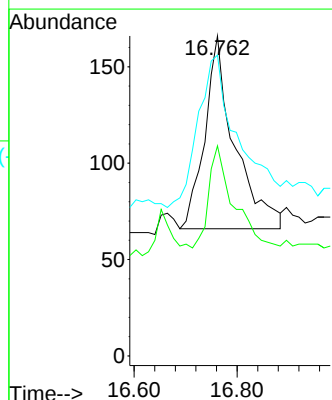
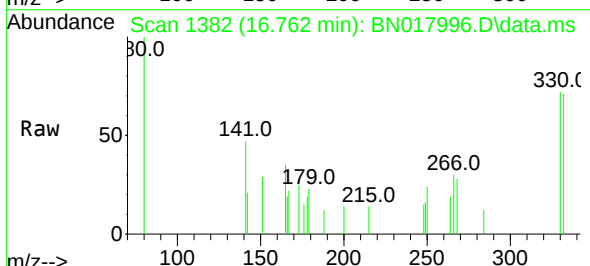
Delta R.T. 0.012 min

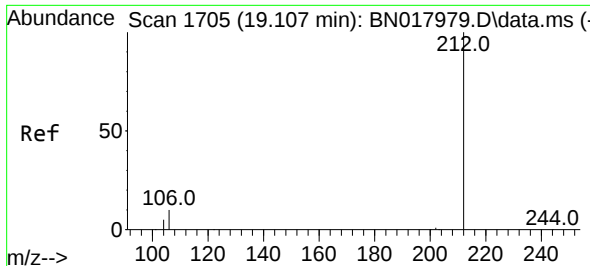
Lab File: BN017996.D

Acq: 14 Dec 2021 10:28

Tgt Ion:266 Resp: 402

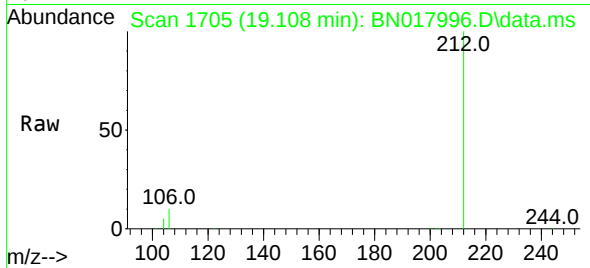
Ion	Ratio	Lower	Upper
266	100		
264	44.0	49.5	74.3#
268	97.3	50.6	76.0#





#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

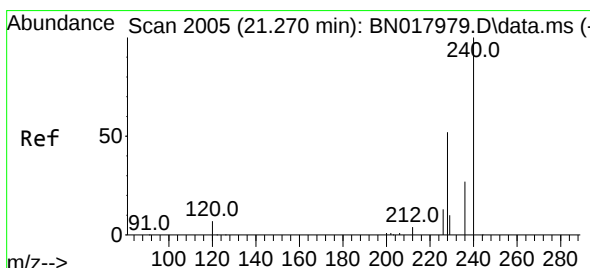
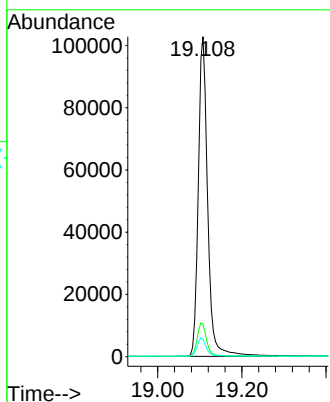
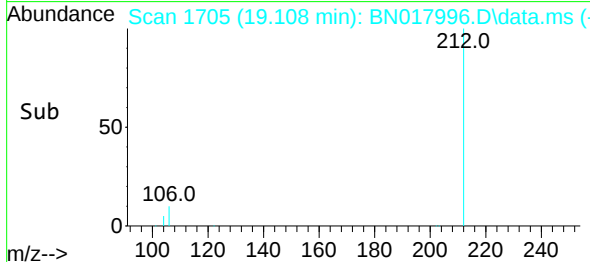
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202



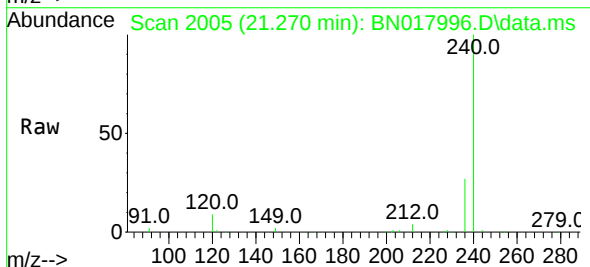
Tgt Ion:212 Resp: 15984
Ion Ratio Lower Upper
212 100
106 10.5 8.4 12.6
104 5.8 4.5 6.7

Manual Integrations
APPROVED

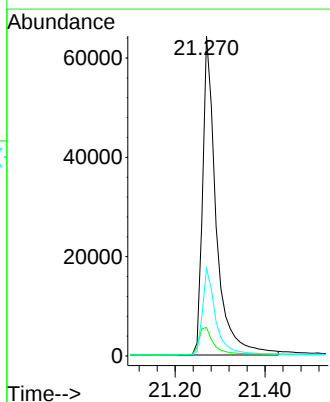
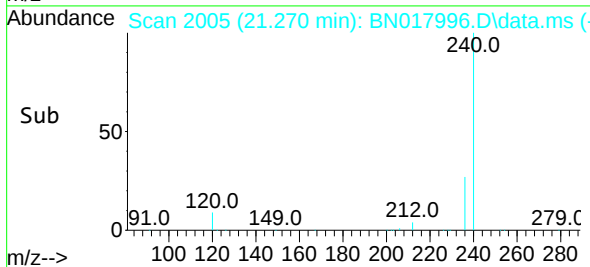
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

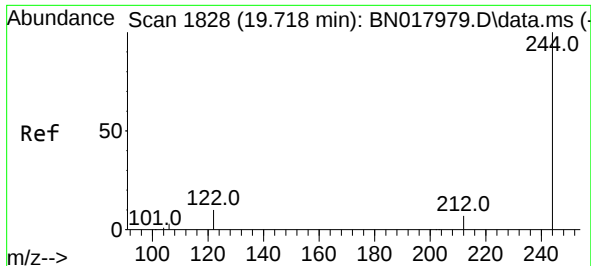


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28



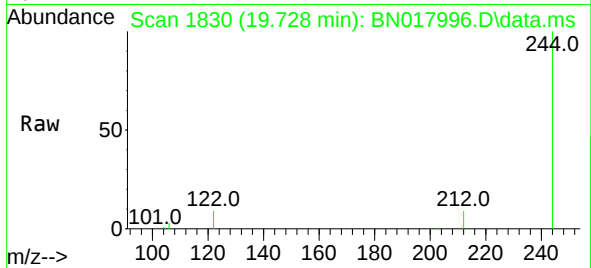
Tgt Ion:240 Resp: 134896
Ion Ratio Lower Upper
240 100
120 8.9 6.0 9.0
236 27.3 21.4 32.2





#31
Terphenyl-d14
Concen: 45.218 ng
RT: 19.728 min Scan# 1828
Delta R.T. 0.010 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

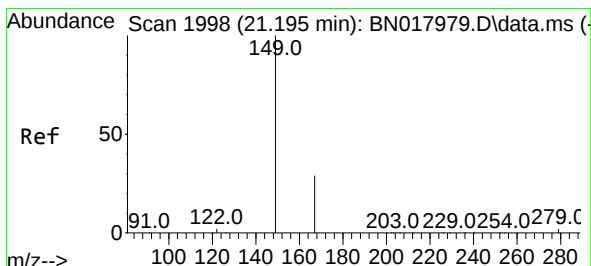
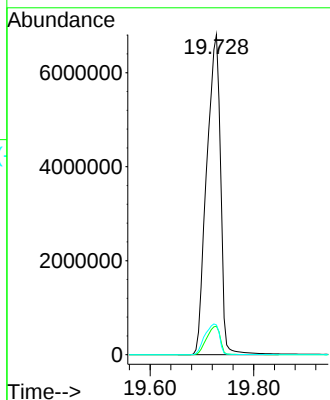
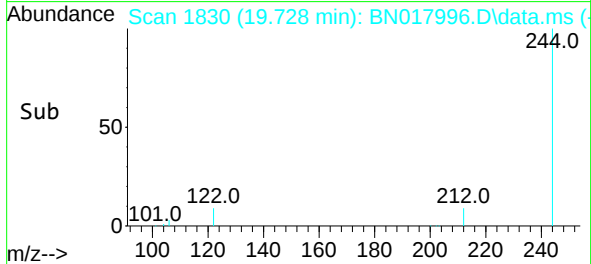
Instrument :
BNA_N
ClientSampleId :
RE105D1-20211202



Tgt Ion:244 Resp:1271230
Ion Ratio Lower Upper
244 100
212 8.9 6.2 9.2
122 9.3 7.9 11.9

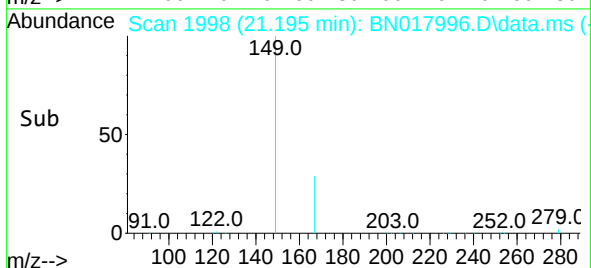
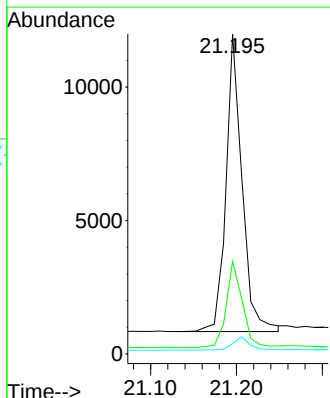
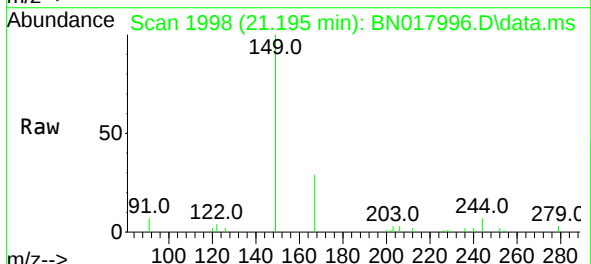
Manual Integrations
APPROVED

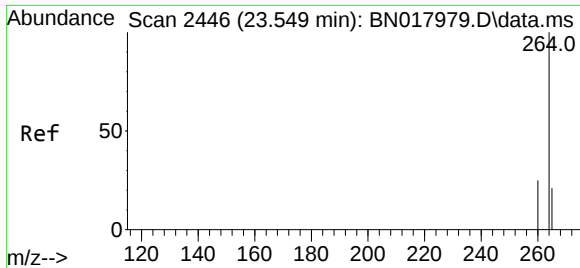
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.073 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN017996.D
Acq: 14 Dec 2021 10:28

Tgt Ion:149 Resp: 14470
Ion Ratio Lower Upper
149 100
167 29.4 23.7 35.5
279 4.7 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.553 min Scan# 24

Delta R.T. 0.004 min

Lab File: BN017996.D

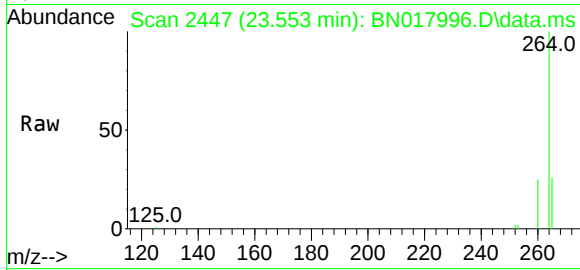
Acq: 14 Dec 2021 10:28

Instrument :

BNA_N

ClientSampleId :

RE105D1-20211202



Tgt Ion:264 Resp: 120964

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.4

265 26.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/15/2021

Supervised By :Jagrut Upadhyay 12/15/2021

