

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019066.D
 Acq On : 22 Mar 2022 20:45
 Operator : CG/JU
 Sample : N2041-25
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220318

Quant Time: Mar 23 04:51:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3692	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9093	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5497	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	10653	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9340	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	7732	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1092	0.132	ng	0.00
5) Phenol-d6	7.017	99	539	0.062	ng	0.00
8) Nitrobenzene-d5	9.014	82	1756m	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4268	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	772	0.291	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	6303	0.286	ng	-0.01
27) Fluoranthene-d10	19.265	212	14508	0.459	ng	0.00
31) Terphenyl-d14	19.860	244	8967	0.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	13321m	2.919	ng	
6) bis(2-Chloroethyl)ether	7.269	93	632	0.061	ng	98
34) Bis(2-ethylhexyl)phtha...	21.333	149	3561	0.187	ng	# 95

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

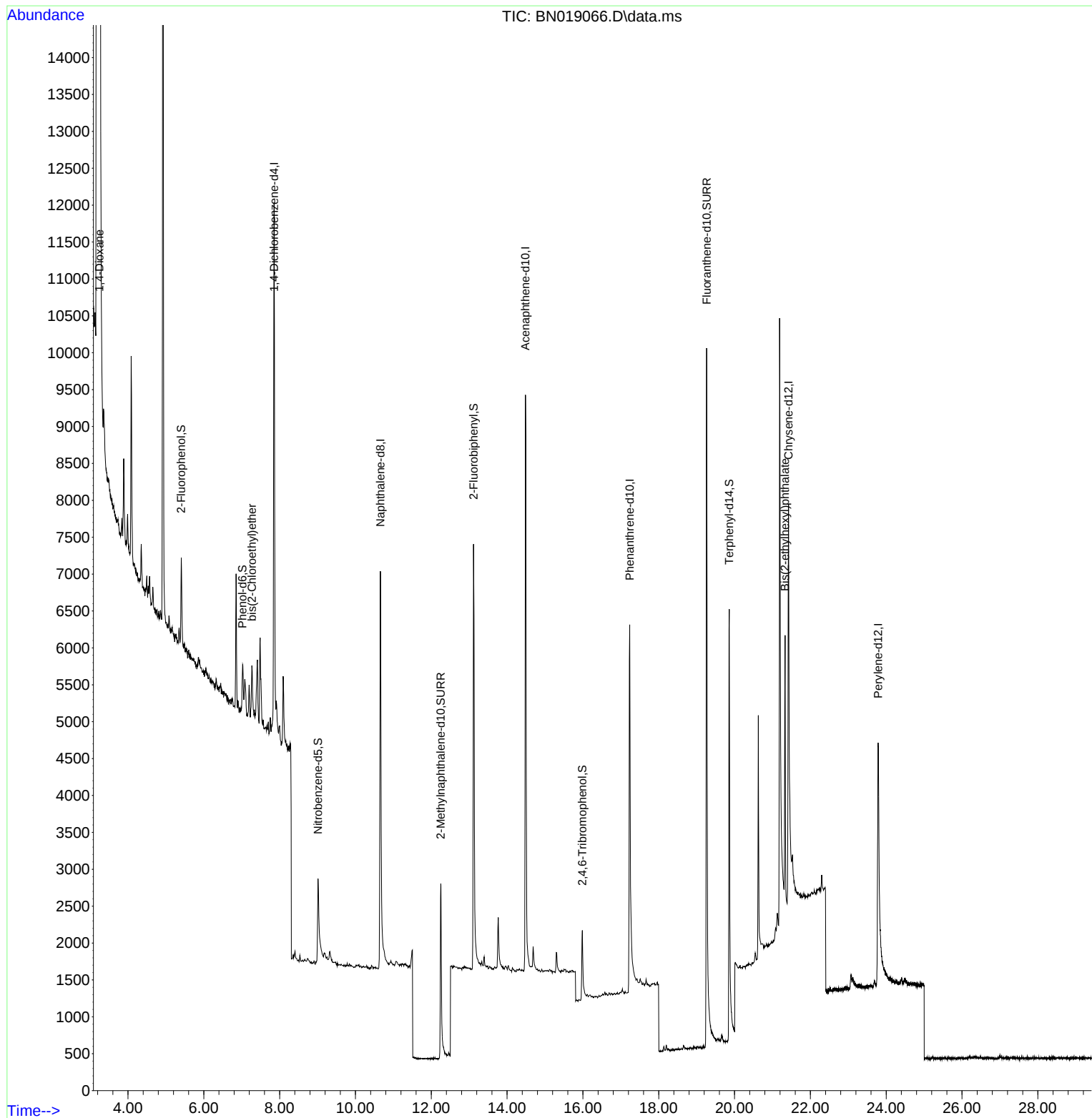
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019066.D
Acq On : 22 Mar 2022 20:45
Operator : CG/JU
Sample : N2041-25
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318

Quant Time: Mar 23 04:51:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

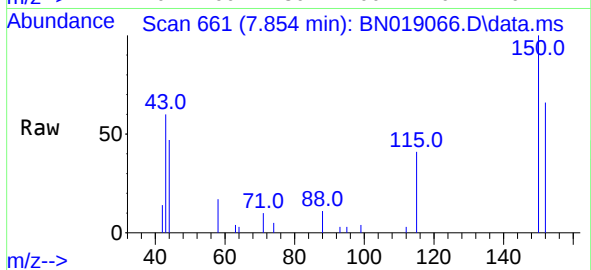
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

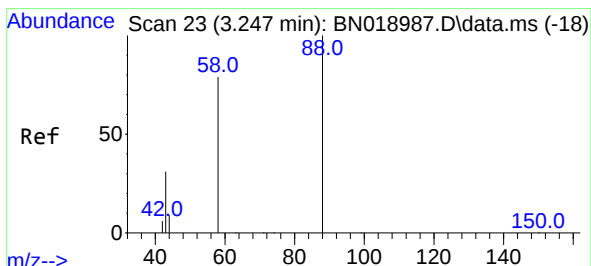
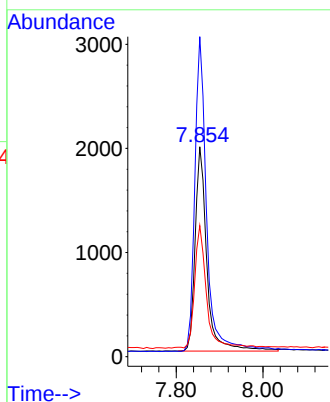
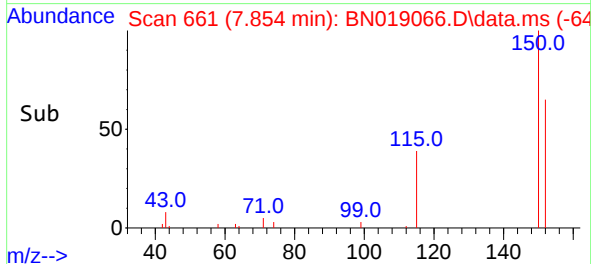
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318



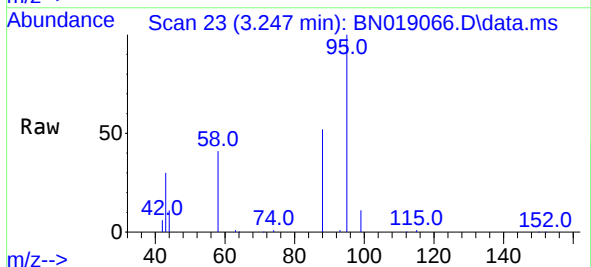
Tgt Ion: 152 Resp: 3692
Ion Ratio Lower Upper
152 100
150 152.4 123.9 185.9
115 62.5 48.2 72.4

Manual Integrations
APPROVED

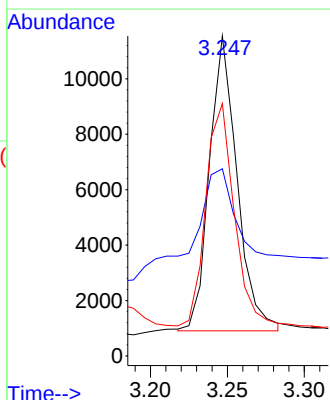
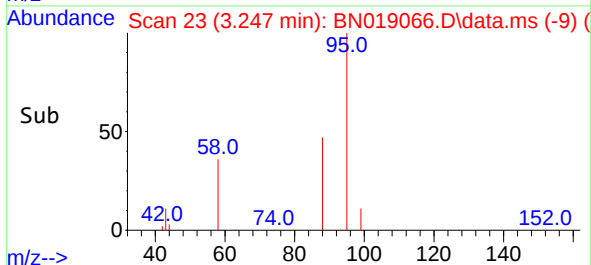
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#2
1,4-Dioxane
Concen: 2.919 ng m
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45



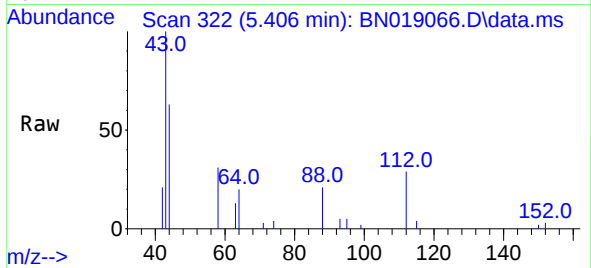
Tgt Ion: 88 Resp: 13321
Ion Ratio Lower Upper
88 100
43 67.3 24.6 37.0#
58 77.0 65.4 98.2





#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

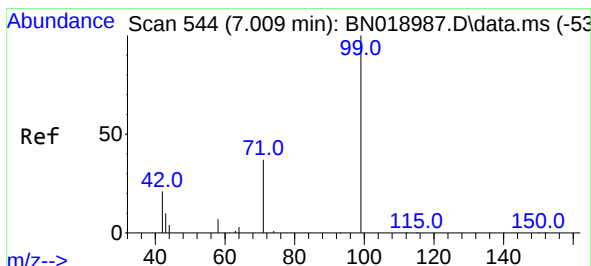
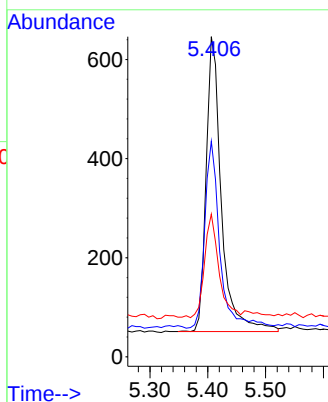
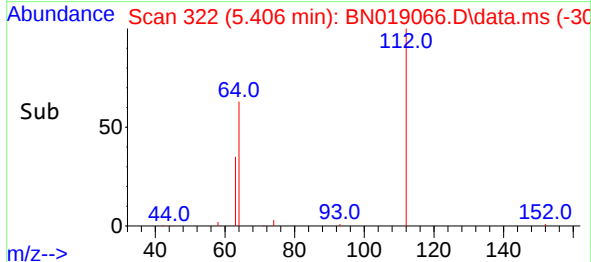
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318



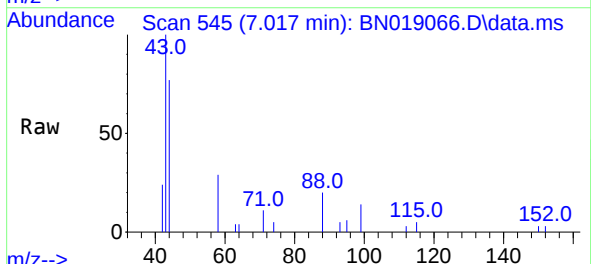
Tgt Ion: 112 Resp: 1092
Ion Ratio Lower Upper
112 100
64 63.1 47.8 71.8
63 32.5 25.7 38.5

Manual Integrations
APPROVED

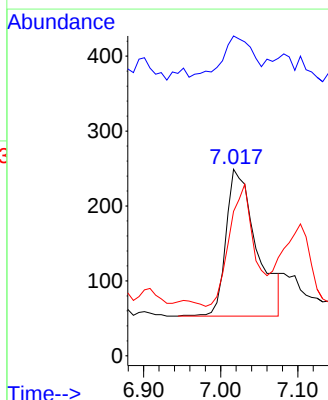
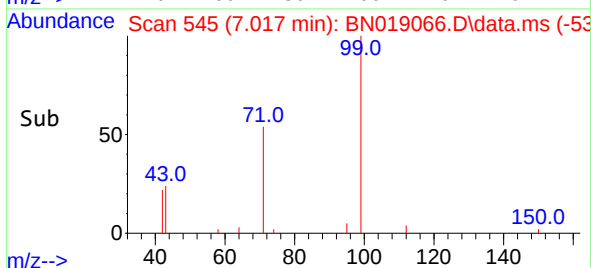
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

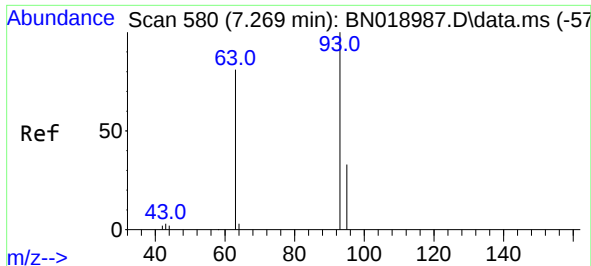


#5
Phenol-d6
Concen: 0.062 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45



Tgt Ion: 99 Resp: 539
Ion Ratio Lower Upper
99 100
42 24.1 16.2 24.4
71 67.2 27.7 41.5#





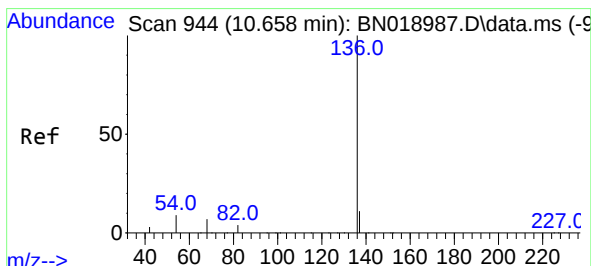
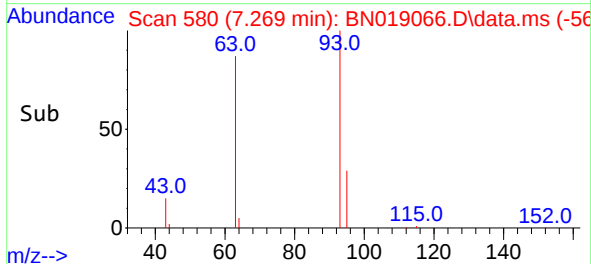
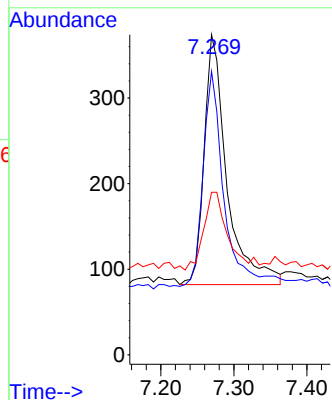
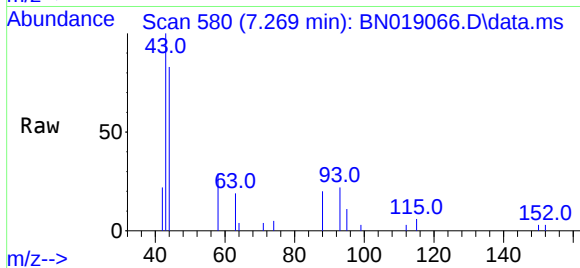
#6
bis(2-Chloroethyl)ether
Concen: 0.061 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318

Tgt Ion: 93 Resp: 632
Ion Ratio Lower Upper
93 100
63 80.1 62.8 94.2
95 34.2 26.2 39.4

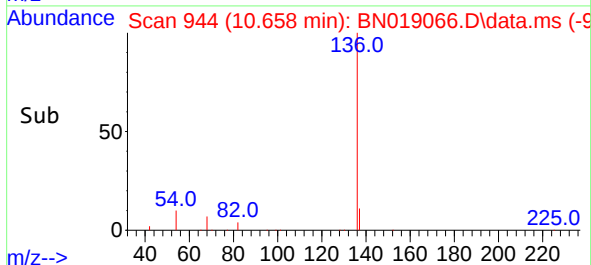
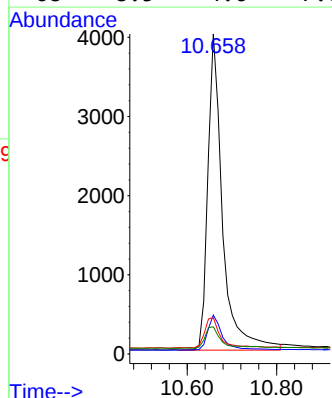
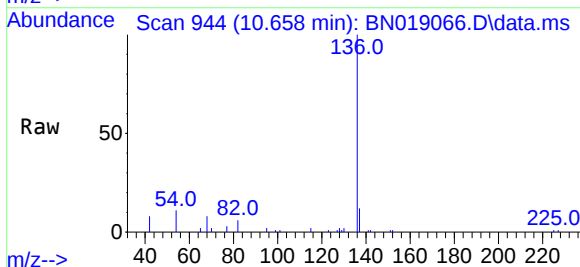
Manual Integrations
APPROVED

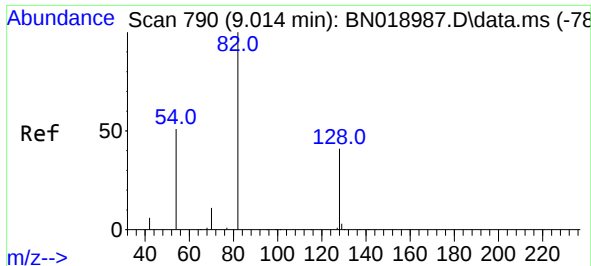
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

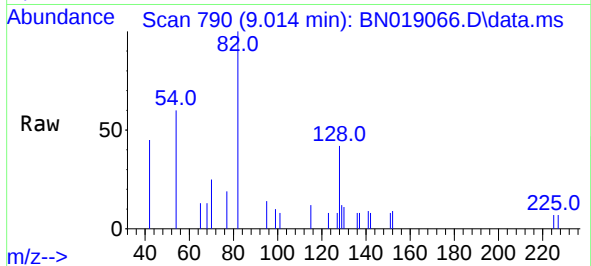
Tgt Ion:136 Resp: 9093
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.4
54 11.4 5.8 8.6#
68 8.5 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.268 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

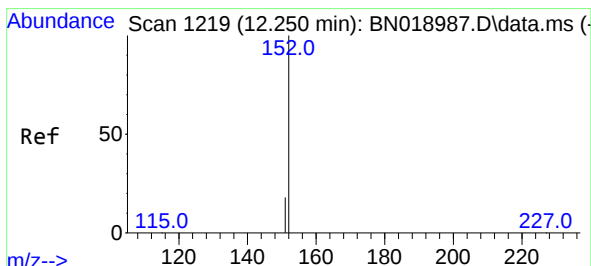
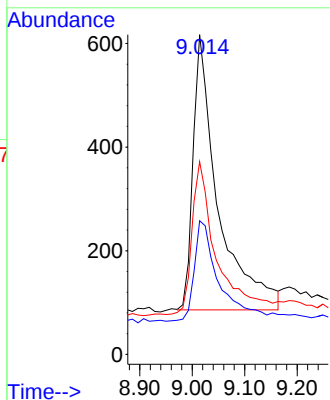
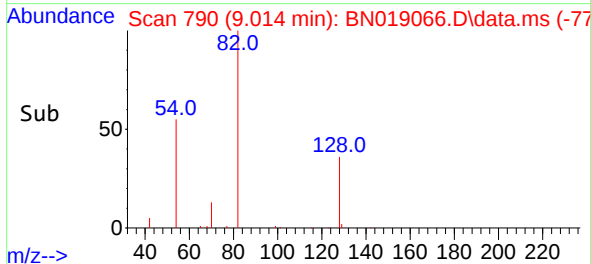
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318



Tgt Ion: 82 Resp: 1750
Ion Ratio Lower Upper
82 100
128 41.8 33.0 49.6
54 60.3 42.5 63.7

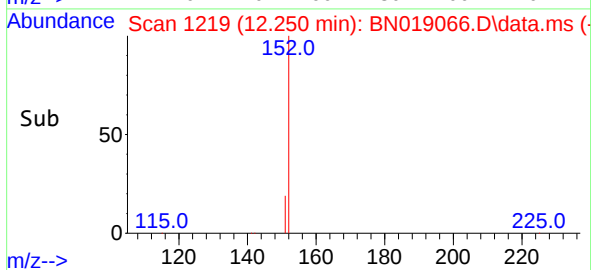
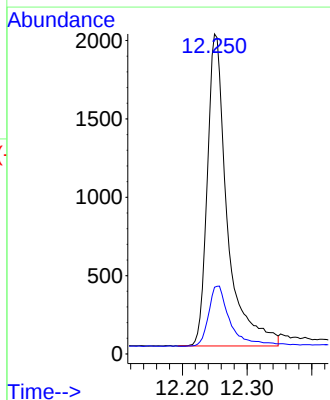
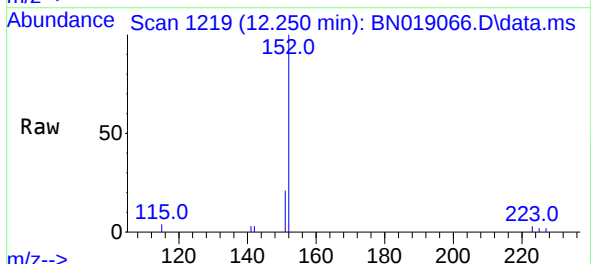
Manual Integrations
APPROVED

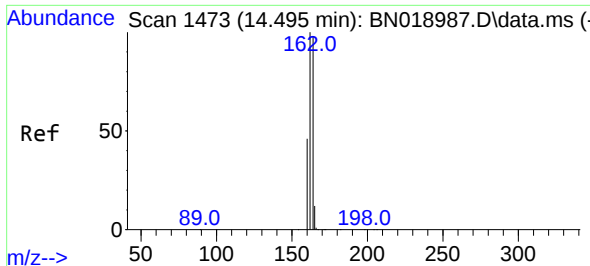
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

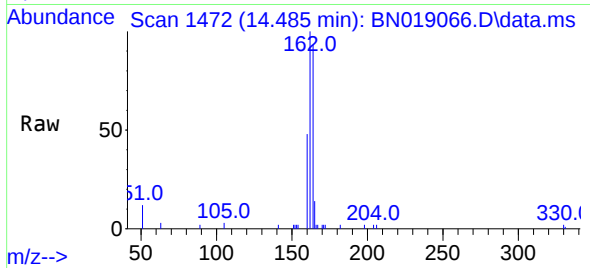
Tgt Ion:152 Resp: 4268
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

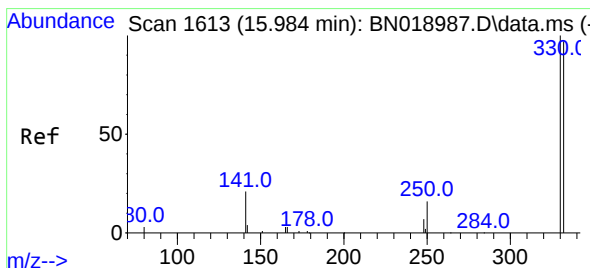
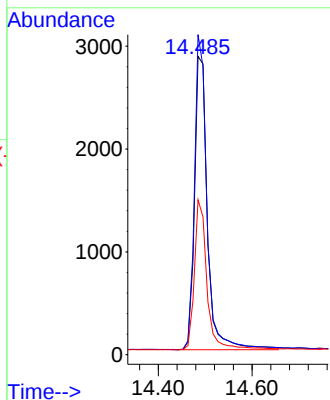
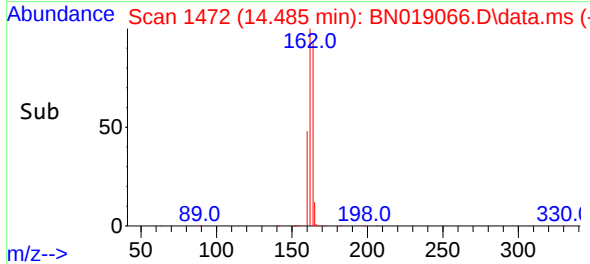
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318



Tgt Ion:164 Resp: 549
Ion Ratio Lower Upper
164 100
162 107.3 85.2 127.8
160 52.0 41.5 62.3

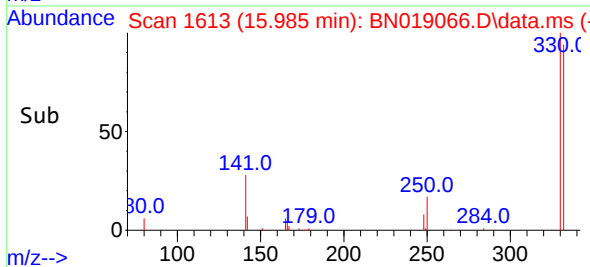
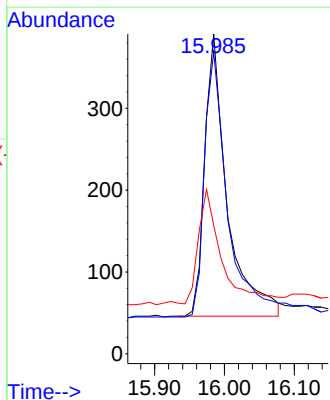
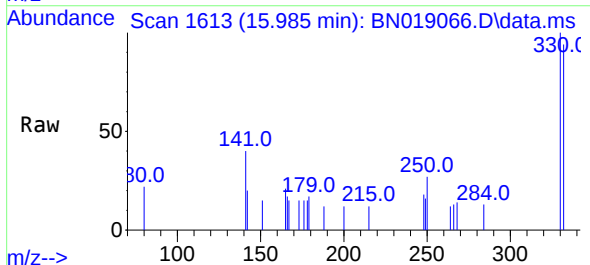
Manual Integrations
APPROVED

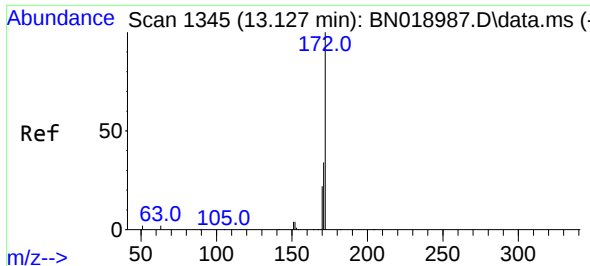
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

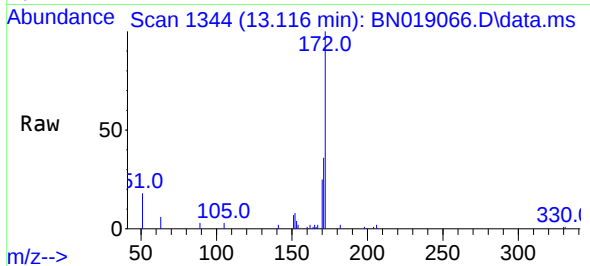
Tgt Ion:330 Resp: 772
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 43.8 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.116 min Scan# 1345
Delta R.T. -0.011 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

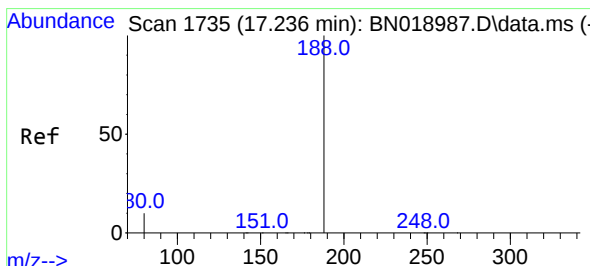
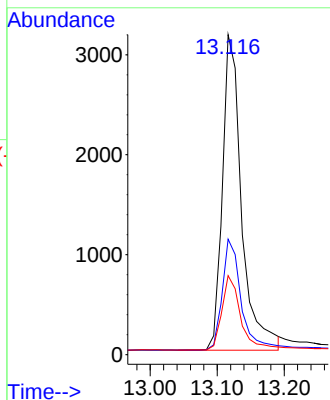
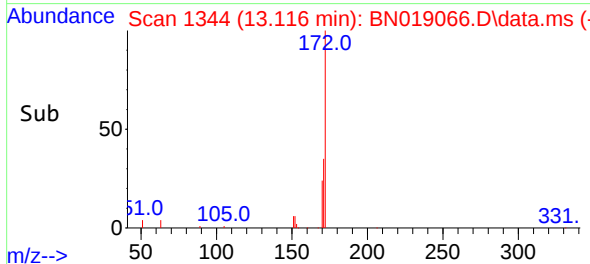
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318



Tgt Ion:172 Resp: 630
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.7 18.7 28.1

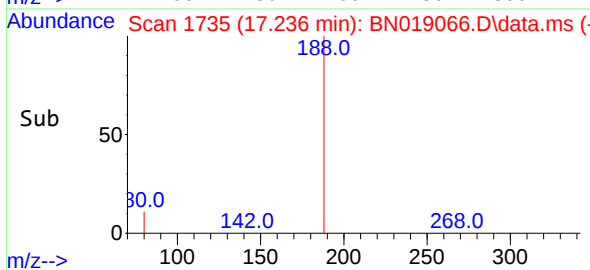
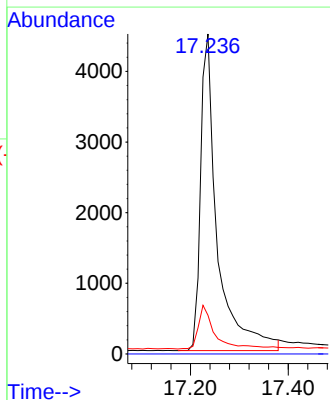
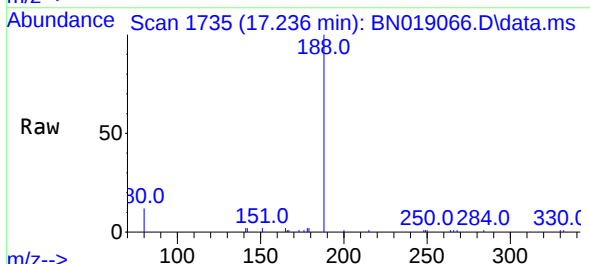
Manual Integrations
APPROVED

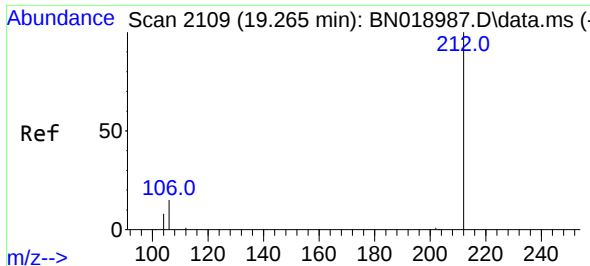
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

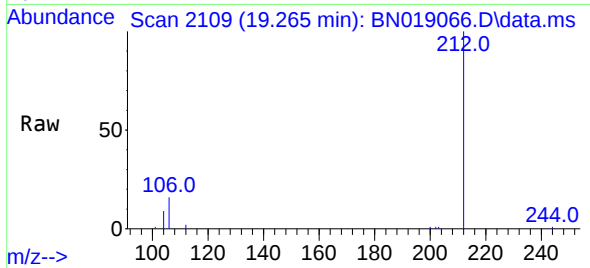
Tgt Ion:188 Resp: 10653
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.265 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

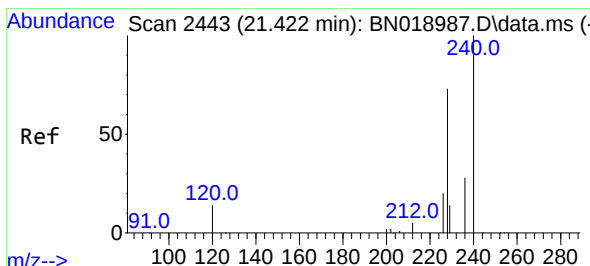
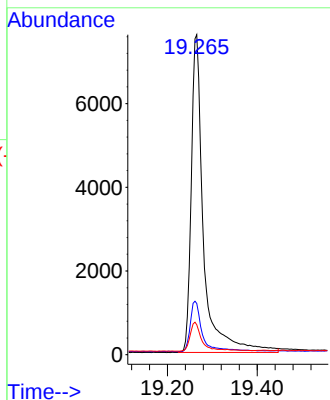
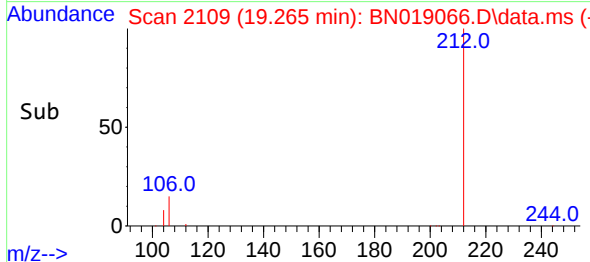
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318



Tgt Ion:212 Resp: 14508
Ion Ratio Lower Upper
212 100
106 15.5 12.7 19.1
104 8.7 7.1 10.7

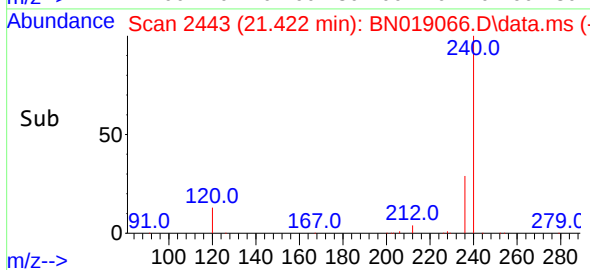
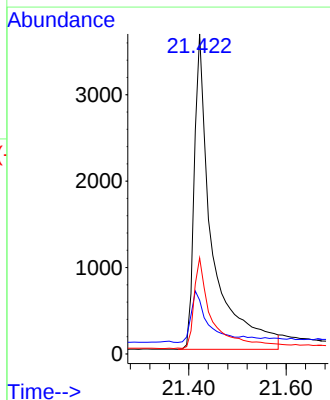
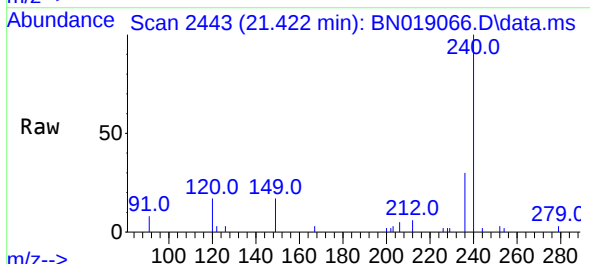
Manual Integrations
APPROVED

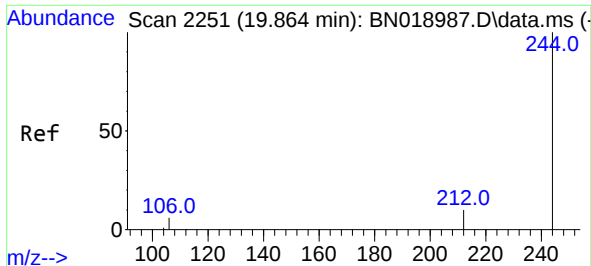
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

Tgt Ion:240 Resp: 9340
Ion Ratio Lower Upper
240 100
120 16.8 8.5 12.7#
236 30.0 22.4 33.6





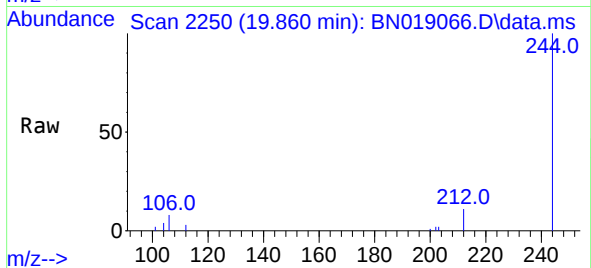
#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019066.D
 Acq: 22 Mar 2022 20:45

Instrument :

BNA_N

ClientSampleId :

RE108D2-20220318

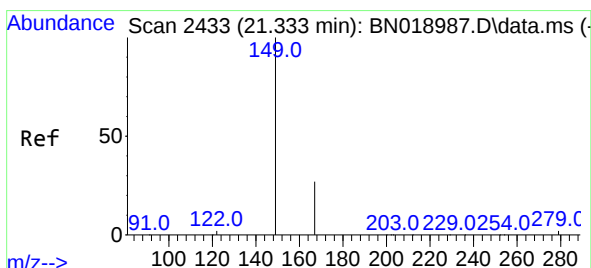
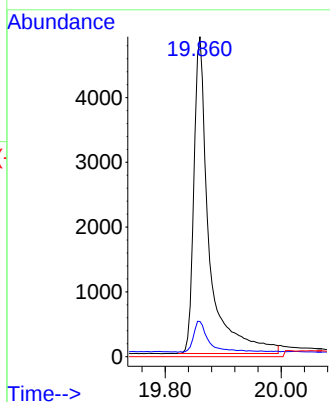
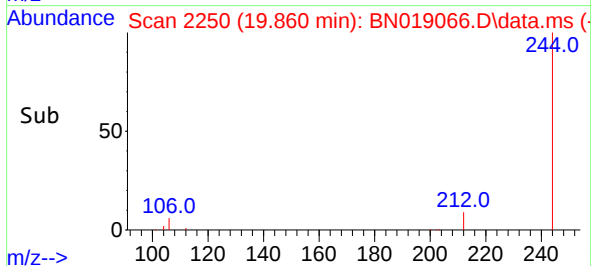


Tgt Ion:244 Resp: 896
 Ion Ratio Lower Upper
 244 100
 212 11.0 8.2 12.4
 122 0.0 0.0 0.0

Manual Integrations

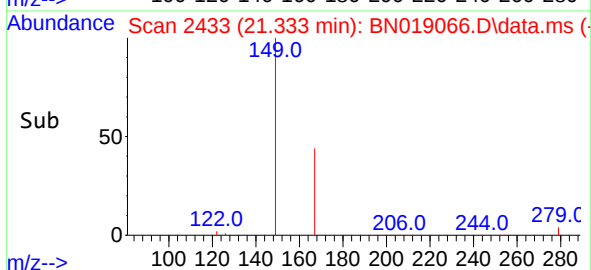
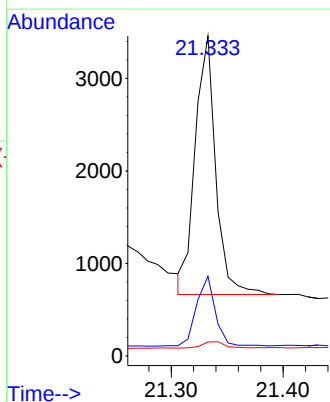
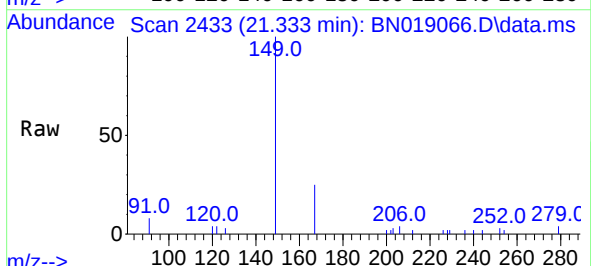
APPROVED

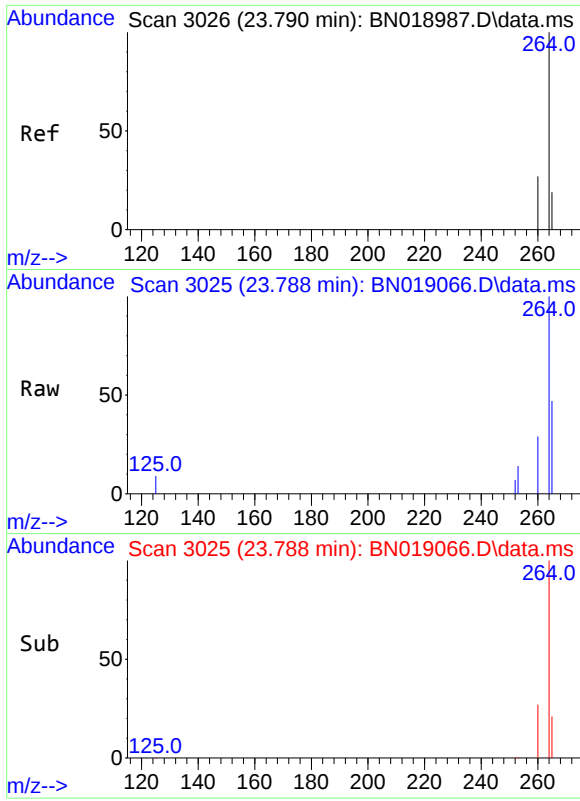
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.187 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BN019066.D
 Acq: 22 Mar 2022 20:45

Tgt Ion:149 Resp: 3561
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.8 32.8
 279 3.6 2.0 3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.788 min Scan# 30
Delta R.T. -0.003 min
Lab File: BN019066.D
Acq: 22 Mar 2022 20:45

Instrument :
BNA_N
ClientSampleId :
RE108D2-20220318

Tgt Ion:	264	Resp:	773
Ion	Ratio	Lower	Upper
264	100		
260	28.6	22.4	33.6
265	47.4	25.3	37.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

