

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
 Data File : BN022351.D
 Acq On : 27 Oct 2022 01:55
 Operator : CG/JU
 Sample : N5236-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LSP-GW-03

Quant Time: Oct 27 08:31:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 07:14:22 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/27/2022
 Supervised By : Jagrut Upadhyay 10/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3753	0.400	ng	0.00
7) Naphthalene-d8	10.763	136	12097	0.400	ng	#-0.01
13) Acenaphthene-d10	14.610	164	6887	0.400	ng	0.00
19) Phenanthrene-d10	17.362	188	14501	0.400	ng	0.00
29) Chrysene-d12	21.564	240	9847	0.400	ng	# 0.00
35) Perylene-d12	24.029	264	6998	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	1496	0.150	ng	0.00
5) Phenol-d6	7.104	99	1241	0.099	ng	0.00
8) Nitrobenzene-d5	9.118	82	3152m	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	12.361	152	5625	0.296	ng	0.00
14) 2,4,6-Tribromophenol	16.109	330	1171	0.396	ng	0.00
15) 2-Fluorobiphenyl	13.231	172	9836	0.334	ng	-0.01
27) Fluoranthene-d10	19.403	212	14743	0.368	ng	0.00
31) Terphenyl-d14	20.001	244	14299	0.557	ng	0.00
Target Compounds						
17) Acenaphthene	14.675	154	4634	0.204	ng	99
28) Fluoranthene	19.432	202	12381	0.230	ng	100
30) Pyrene	19.799	202	19550	0.431	ng	100
34) Bis(2-ethylhexyl)phtha...	21.466	149	11536	0.421	ng	98

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

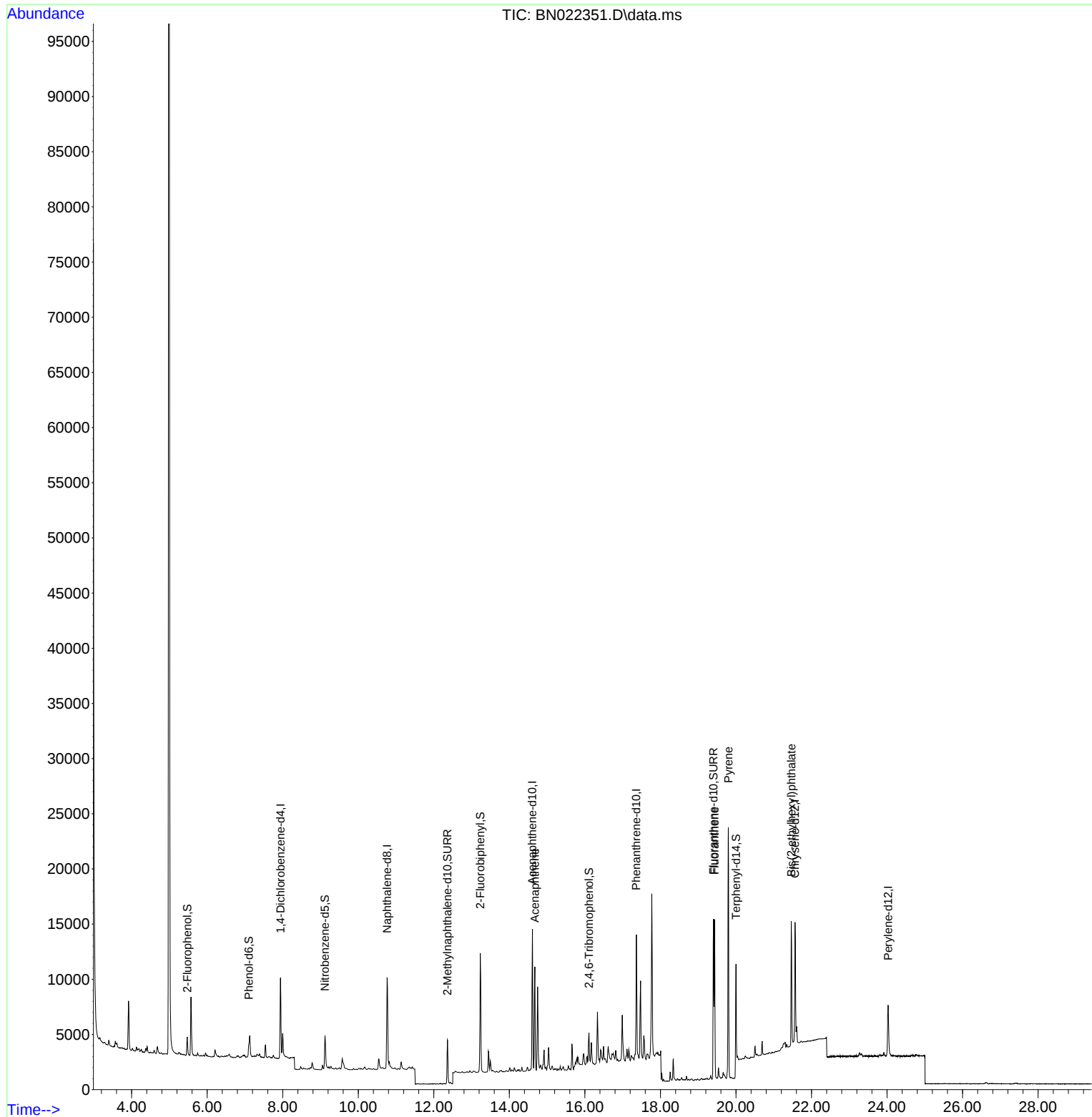
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022351.D
Acq On : 27 Oct 2022 01:55
Operator : CG/JU
Sample : N5236-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

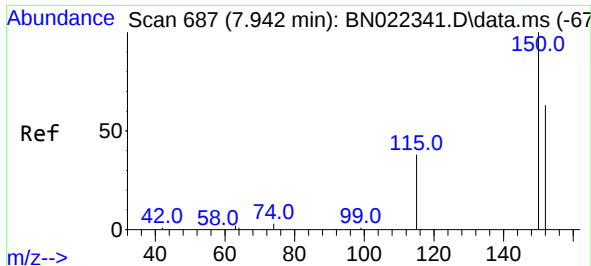
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 10/27/2022
Supervised By : Jagrut Upadhyay 10/28/2022

Quant Time: Oct 27 08:31:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 07:14:22 2022
Response via : Initial Calibration





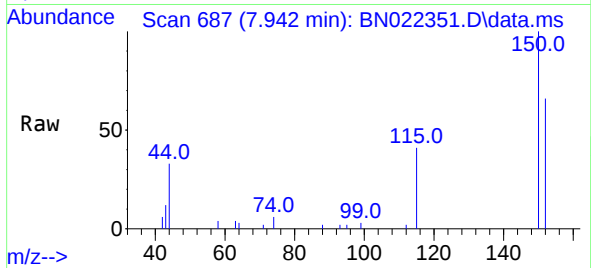
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.942 min Scan# 687
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Instrument :

BNA_N

ClientSampleId :

LSP-GW-03

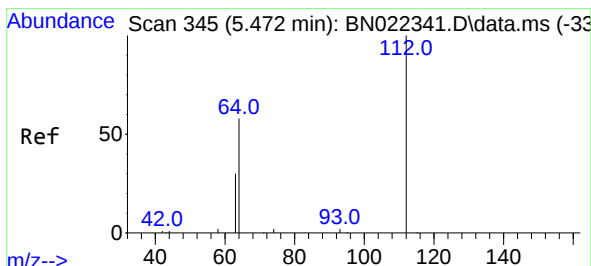
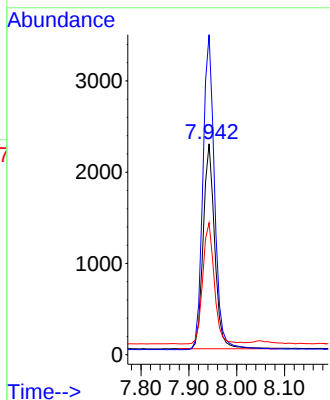
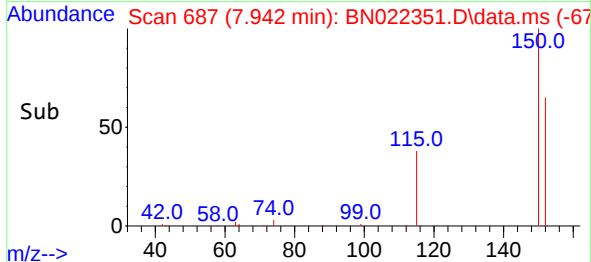


Tgt Ion:152 Resp: 375
Ion Ratio Lower Upper
152 100
150 151.7 125.2 187.8
115 62.5 52.0 78.0

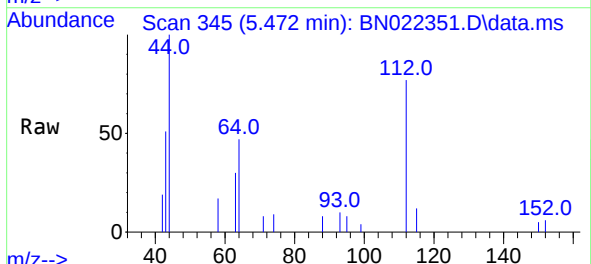
Manual Integrations

APPROVED

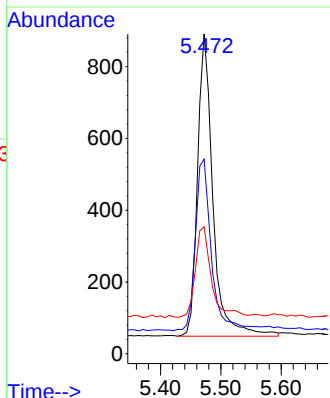
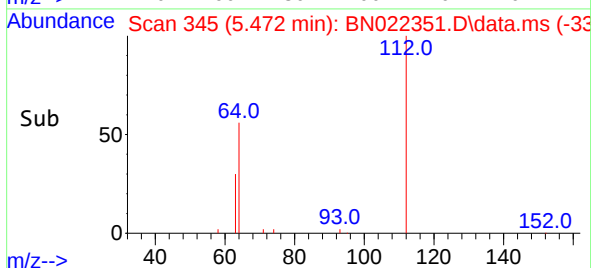
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

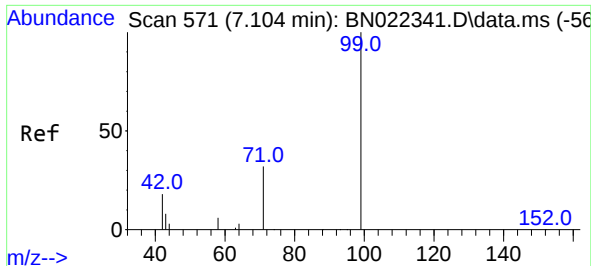


#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.472 min Scan# 345
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55



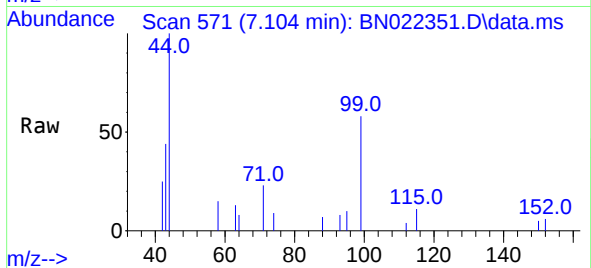
Tgt Ion:112 Resp: 1496
Ion Ratio Lower Upper
112 100
64 58.8 47.0 70.4
63 30.8 24.5 36.7





#5
Phenol-d6
Concen: 0.099 ng
RT: 7.104 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

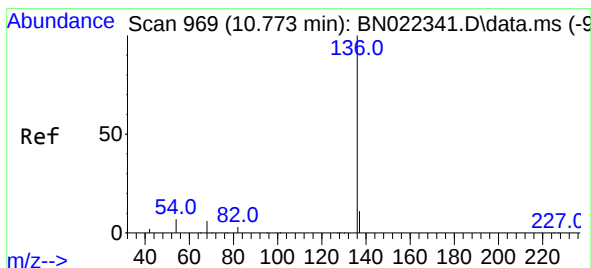
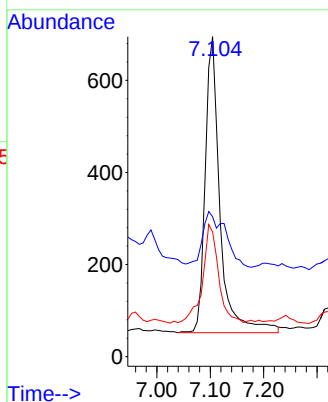
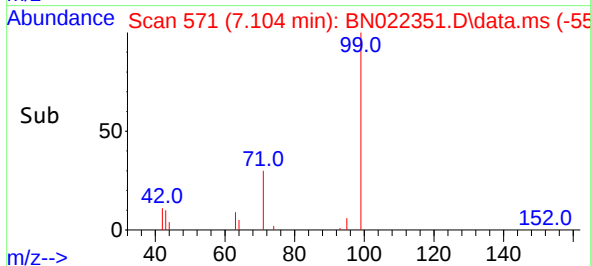
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



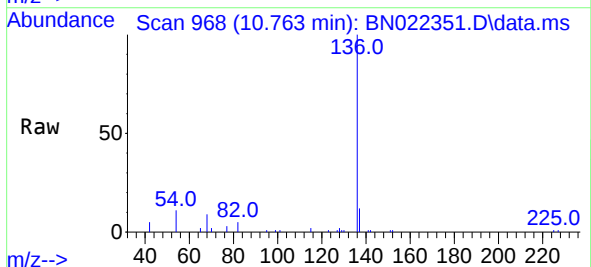
Tgt Ion: 99 Resp: 124
Ion Ratio Lower Upper
99 100
42 29.0 16.3 24.5
71 35.9 26.1 39.1

Manual Integrations
APPROVED

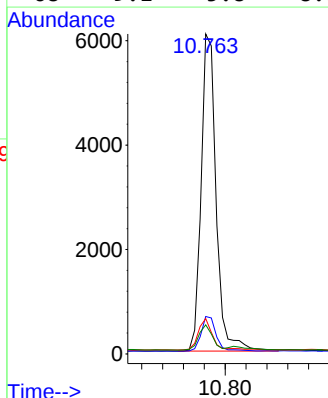
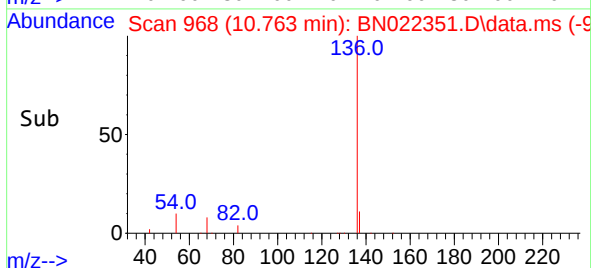
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

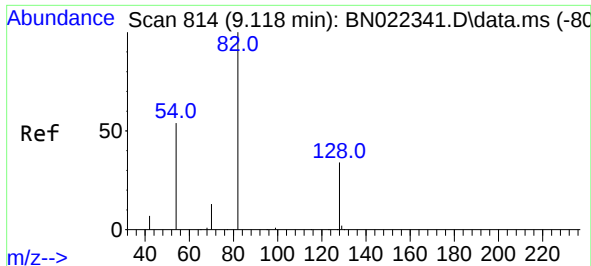


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.763 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55



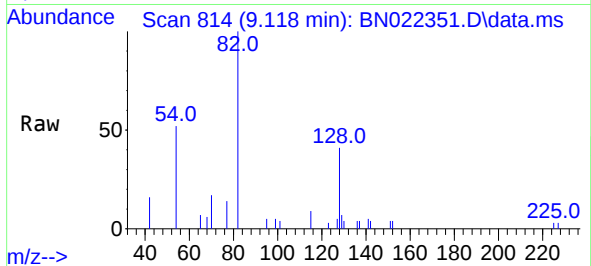
Tgt Ion:136 Resp: 12097
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 11.1 6.5 9.7#
68 9.1 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 0.301 ng m
RT: 9.118 min Scan# 814
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

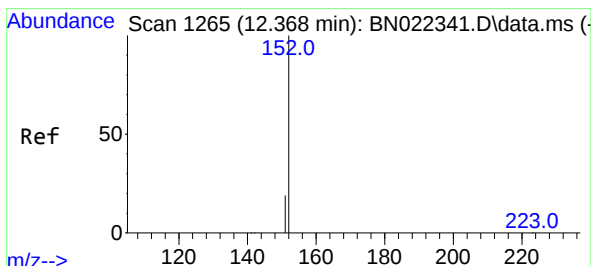
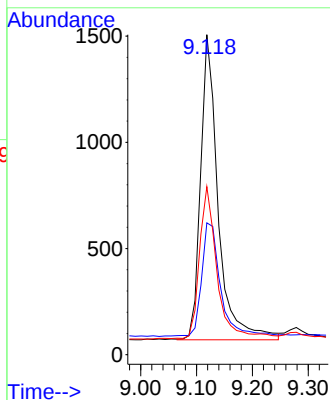
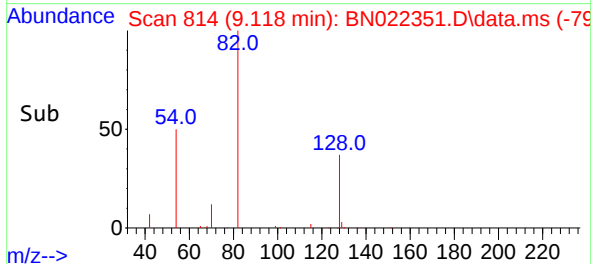
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



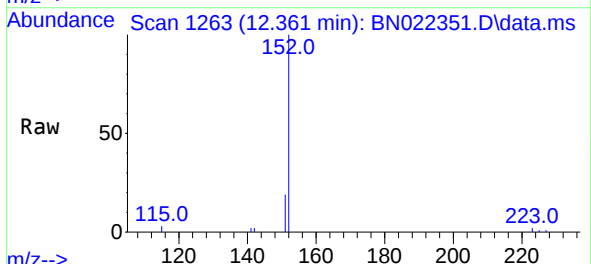
Tgt Ion: 82 Resp: 3152
Ion Ratio Lower Upper
82 100
128 41.2 30.5 45.7
54 52.5 45.2 67.8

Manual Integrations
APPROVED

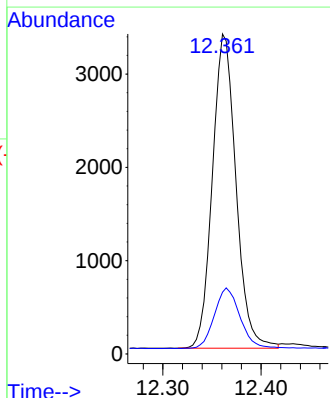
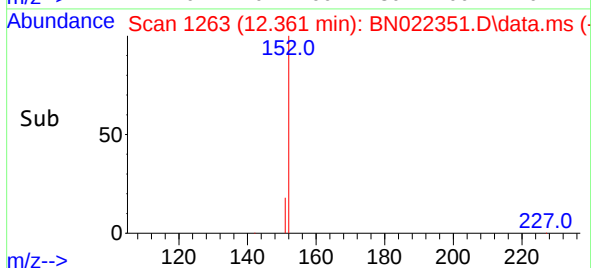
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

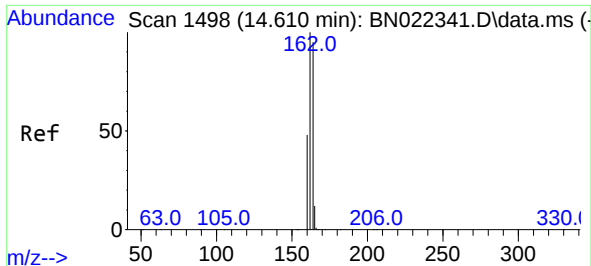


#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.361 min Scan# 1263
Delta R.T. -0.007 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55



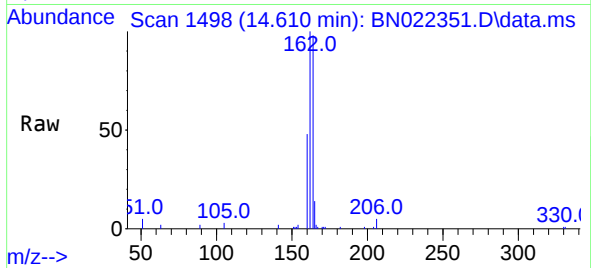
Tgt Ion:152 Resp: 5625
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.610 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

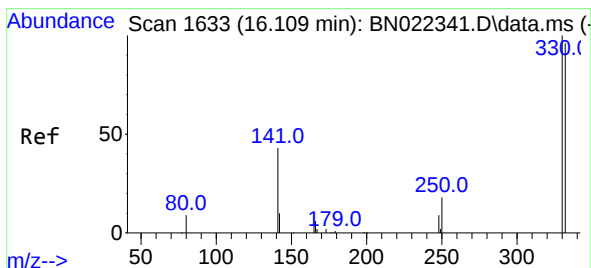
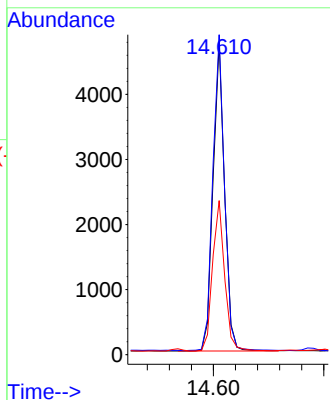
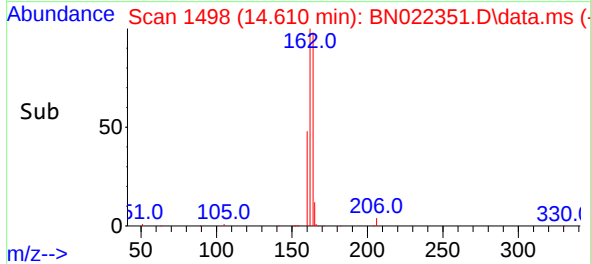
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



Tgt Ion:164 Resp: 688
Ion Ratio Lower Upper
164 100
162 102.4 83.9 125.9
160 49.3 41.0 61.4

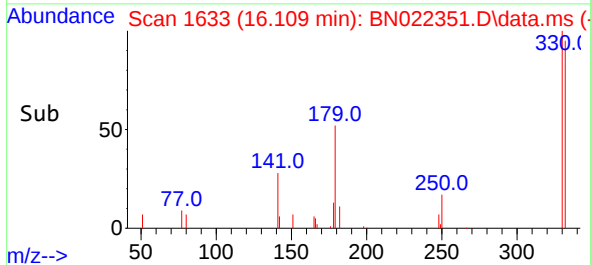
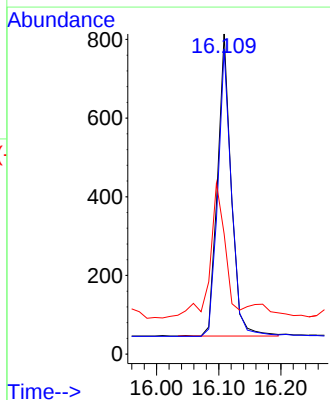
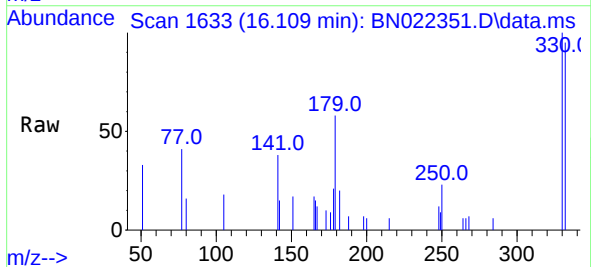
Manual Integrations
APPROVED

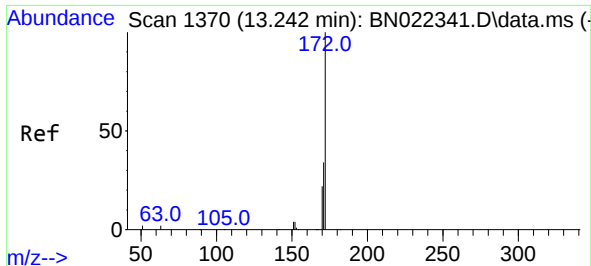
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 16.109 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

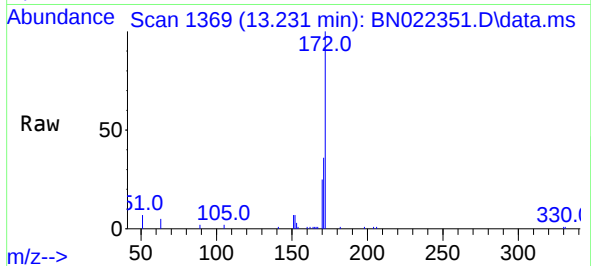
Tgt Ion:330 Resp: 1171
Ion Ratio Lower Upper
330 100
332 95.0 78.6 118.0
141 45.8 40.2 60.4





#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.231 min Scan# 1369
Delta R.T. -0.011 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

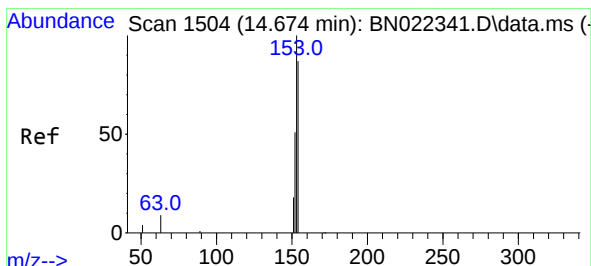
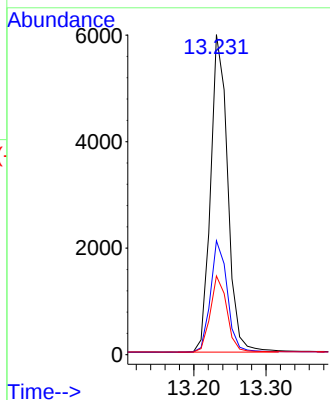
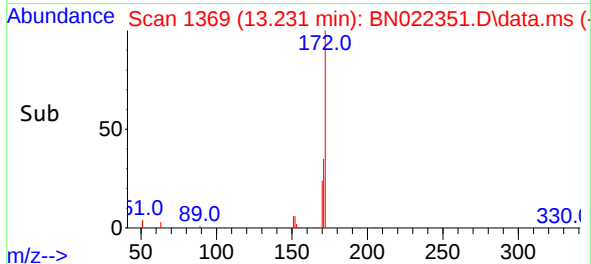
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



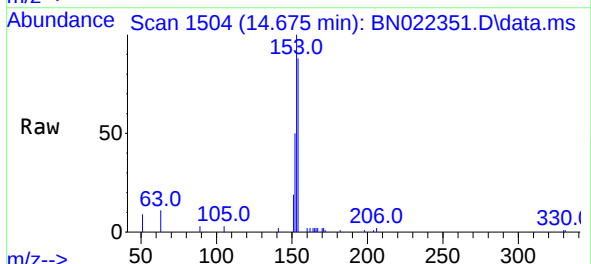
Tgt Ion:172 Resp: 9830
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 24.6 18.5 27.7

Manual Integrations
APPROVED

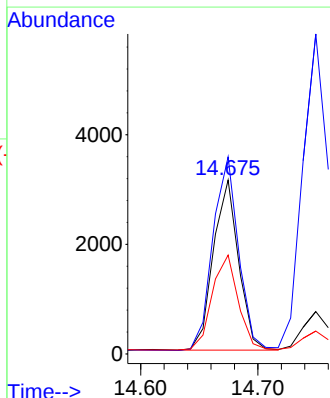
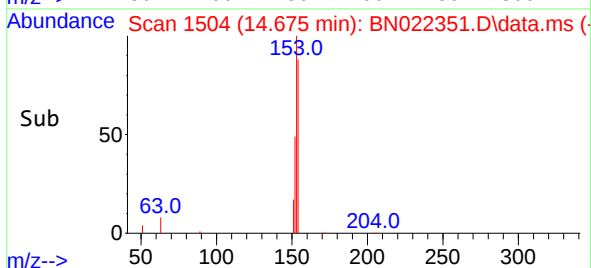
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

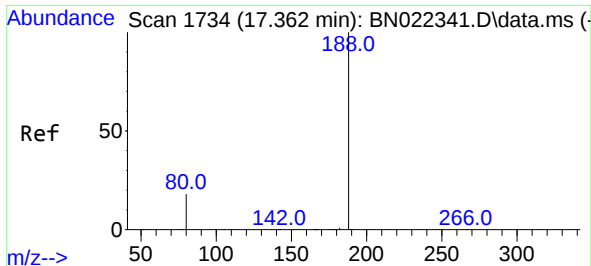


#17
Acenaphthene
Concen: 0.204 ng
RT: 14.675 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55



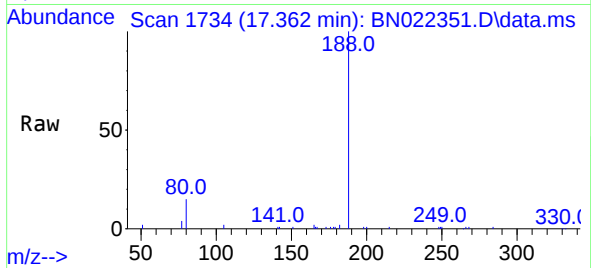
Tgt Ion:154 Resp: 4634
Ion Ratio Lower Upper
154 100
153 116.4 92.2 138.2
152 57.9 47.6 71.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.362 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

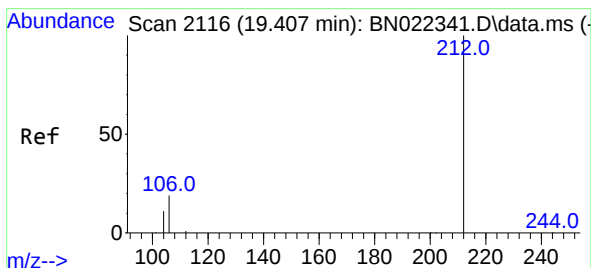
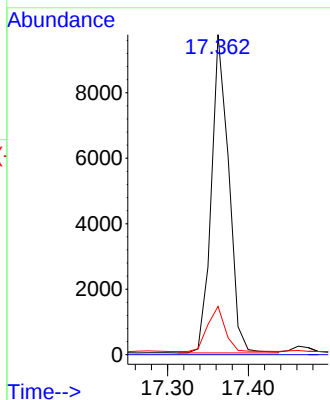
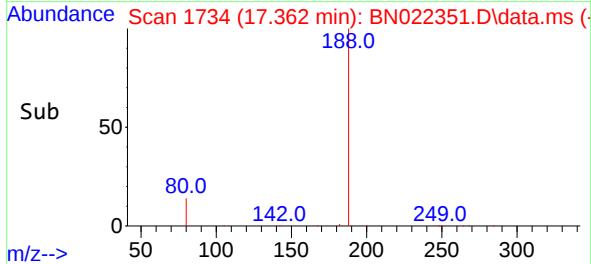
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



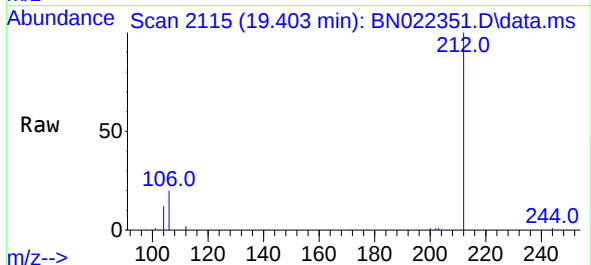
Tgt Ion:188 Resp: 1450
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 15.0 22.6

Manual Integrations
APPROVED

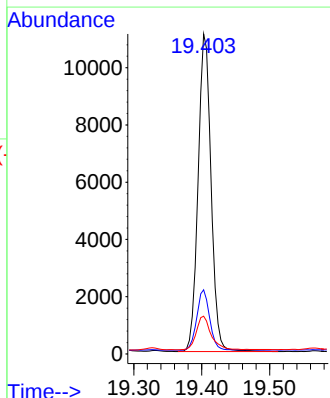
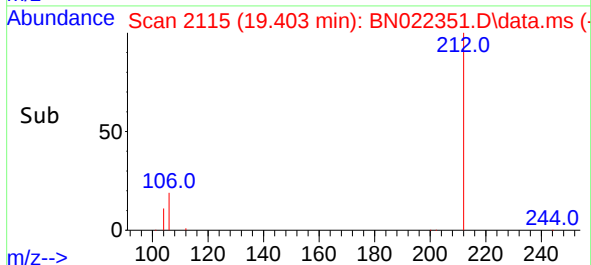
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

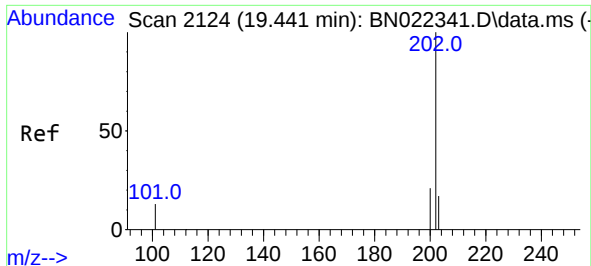


#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.403 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55



Tgt Ion:212 Resp: 14743
Ion Ratio Lower Upper
212 100
106 18.8 15.0 22.4
104 11.9 9.3 13.9





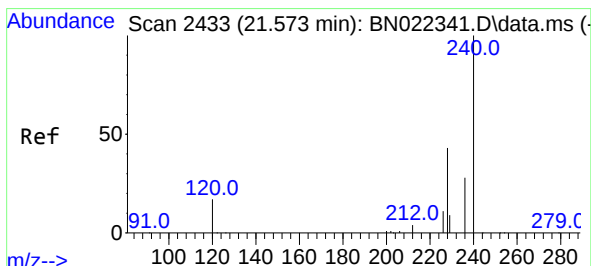
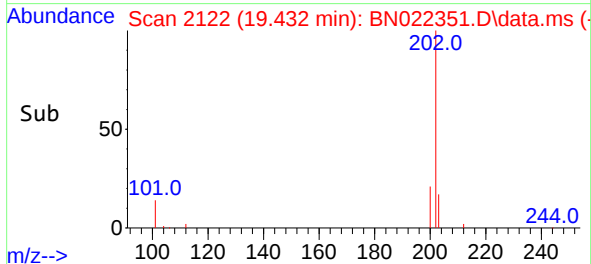
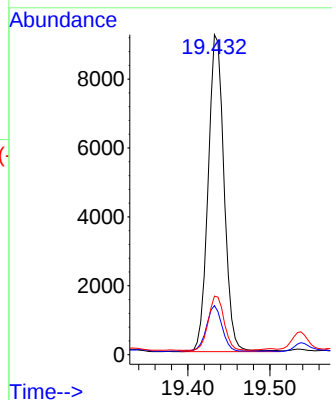
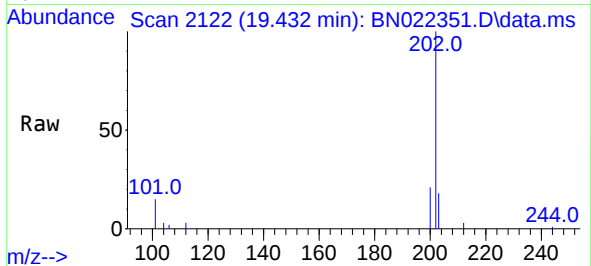
#28
Fluoranthene
Concen: 0.230 ng
RT: 19.432 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Instrument :
BNA_N
ClientSampleId :
LSP-GW-03

Tgt Ion:202 Resp: 1238
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
203 17.0 13.7 20.5

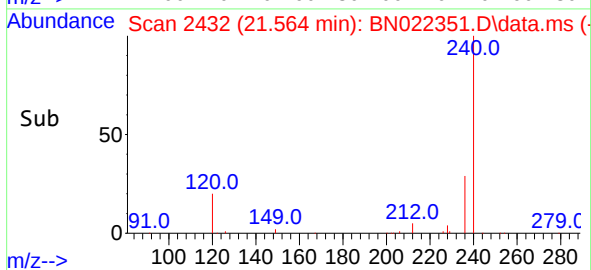
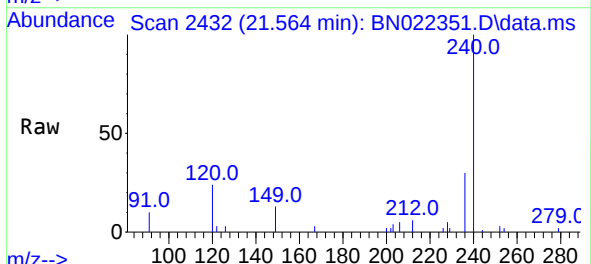
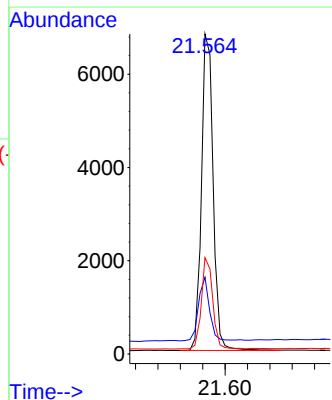
Manual Integrations
APPROVED

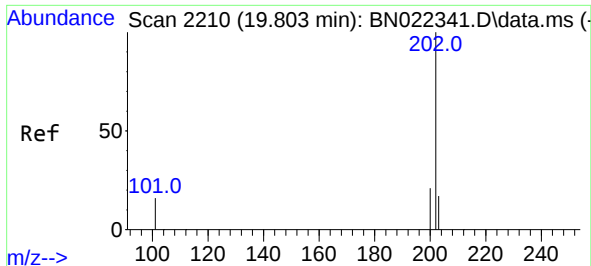
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

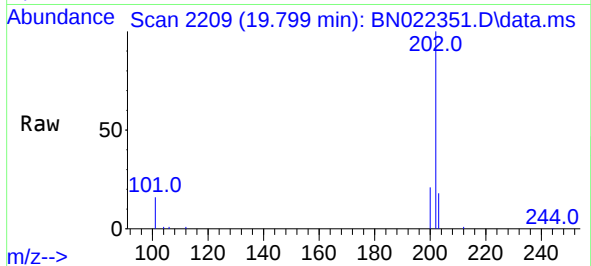
Tgt Ion:240 Resp: 9847
Ion Ratio Lower Upper
240 100
120 23.9 15.8 23.6#
236 30.1 23.2 34.8





#30
Pyrene
Concen: 0.431 ng
RT: 19.799 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

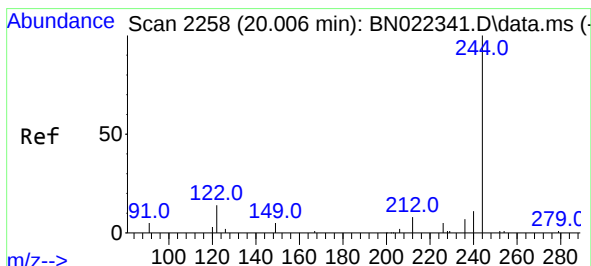
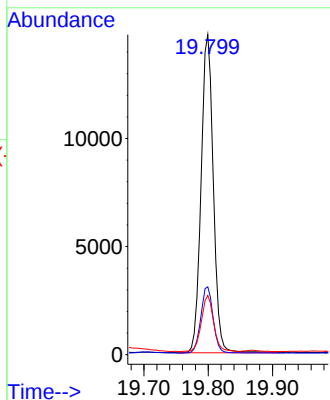
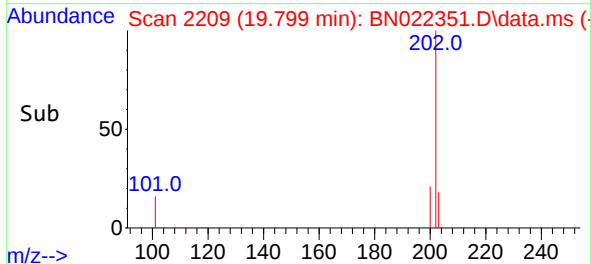
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



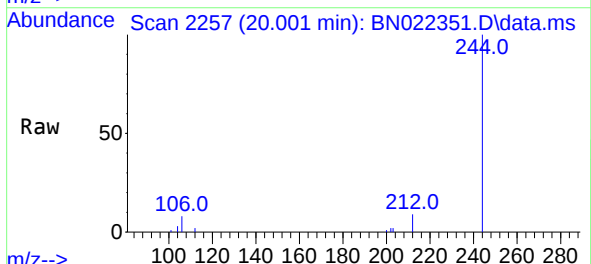
Tgt Ion:202 Resp: 19550
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.7 14.2 21.2

Manual Integrations
APPROVED

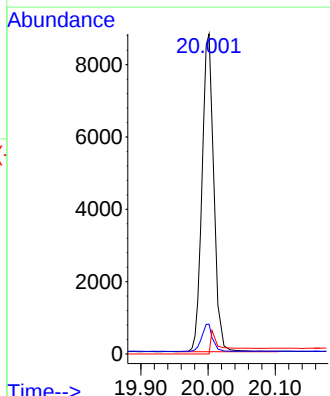
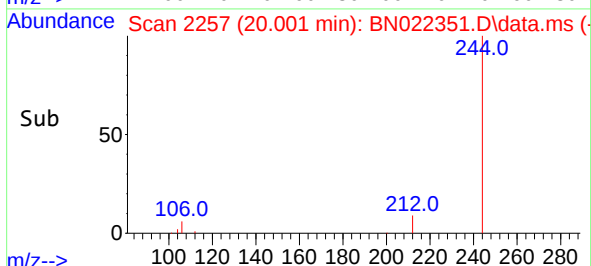
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

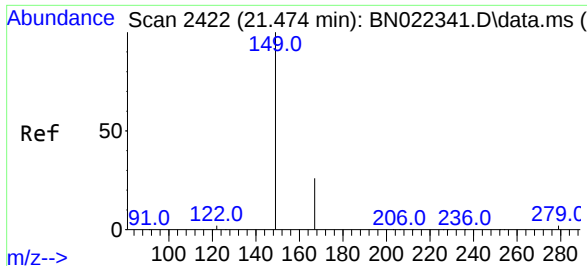


#31
Terphenyl-d14
Concen: 0.557 ng
RT: 20.001 min Scan# 2257
Delta R.T. -0.004 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55



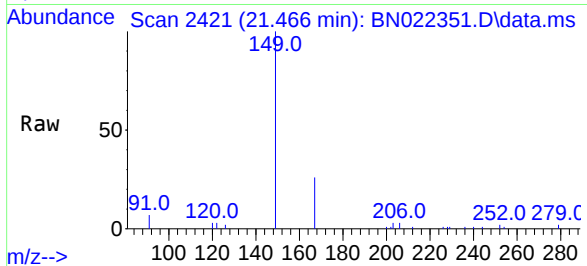
Tgt Ion:244 Resp: 14299
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.4
122 0.0 11.5 17.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.421 ng
RT: 21.466 min Scan# 2421
Delta R.T. -0.008 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

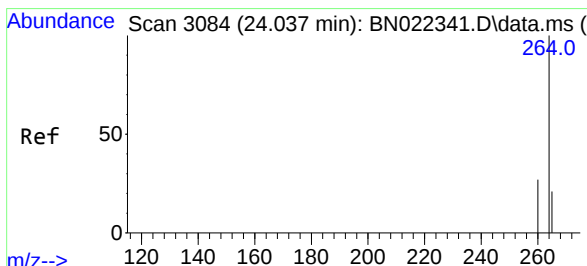
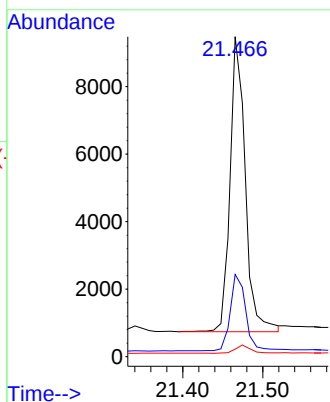
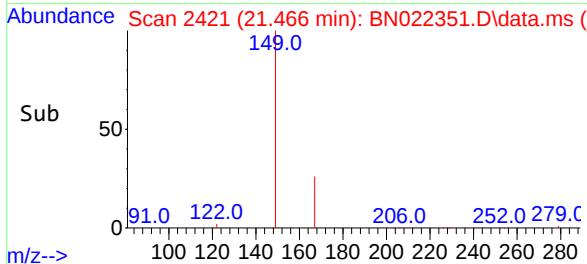
Instrument :
BNA_N
ClientSampleId :
LSP-GW-03



Tgt Ion:149 Resp: 11530
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.4
279 2.7 2.3 3.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.029 min Scan# 3081
Delta R.T. -0.009 min
Lab File: BN022351.D
Acq: 27 Oct 2022 01:55

Tgt Ion:264 Resp: 6998
Ion Ratio Lower Upper
264 100
260 27.3 22.1 33.1
265 73.6 53.0 79.4

