

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024357.D
 Acq On : 17 Mar 2023 21:56
 Operator : CG/JU
 Sample : 01879-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20230308

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 17 23:30:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7940	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	23809	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11364	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	22883	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	14520	0.400	ng	0.00
35) Perylene-d12	24.112	264	10750	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2250	0.128	ng	0.00
5) Phenol-d6	7.188	99	1700	0.075	ng	0.00
8) Nitrobenzene-d5	9.201	82	5671m	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	10140	0.346	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1451	0.250	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14819	0.345	ng	-0.01
27) Fluoranthene-d10	19.442	212	20053	0.413	ng	0.00
31) Terphenyl-d14	20.034	244	13036	0.532	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	11180	1.294	ng	# 93
6) bis(2-Chloroethyl)ether	7.455	93	1768	0.079	ng	92
34) Bis(2-ethylhexyl)phtha...	21.502	149	2617	0.115	ng	97

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

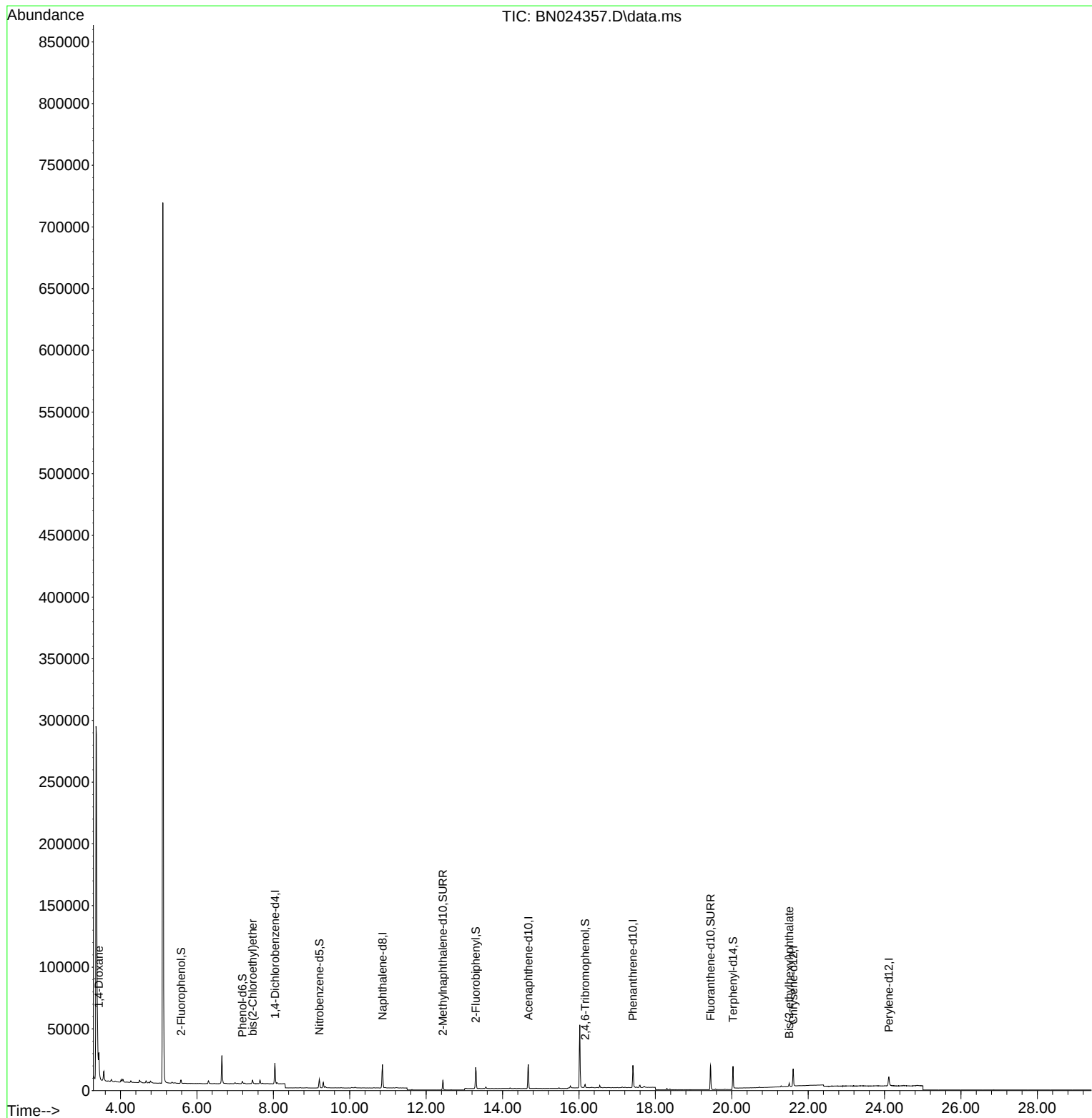
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024357.D
Acq On : 17 Mar 2023 21:56
Operator : CG/JU
Sample : 01879-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE104D2-20230308

Quant Time: Mar 17 23:30:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

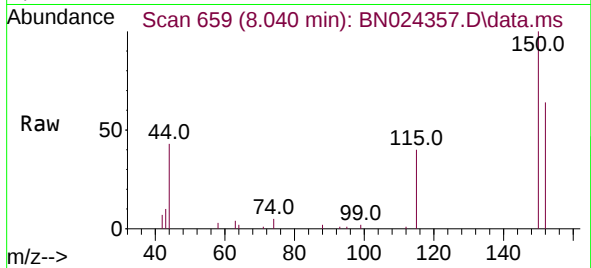
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024357.D
 Acq: 17 Mar 2023 21:56

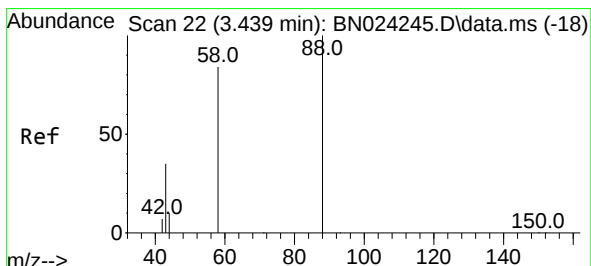
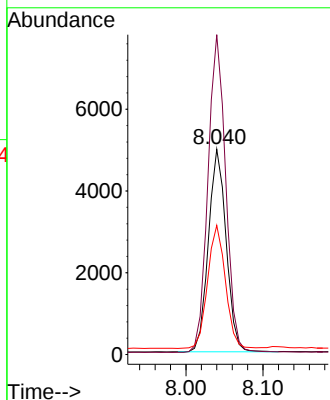
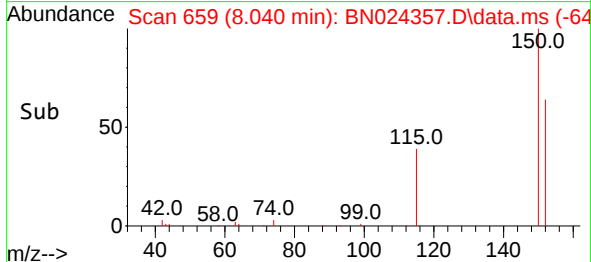
Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20230308



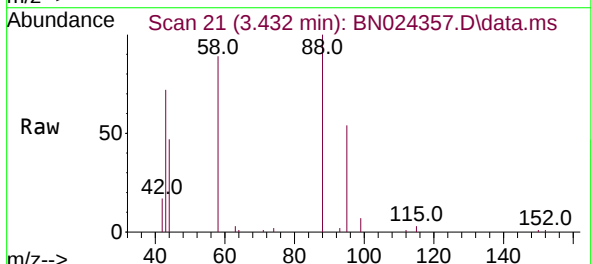
Tgt Ion: 152 Resp: 7940
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.7 187.1
 115 62.9 49.1 73.7

Manual Integrations
 APPROVED

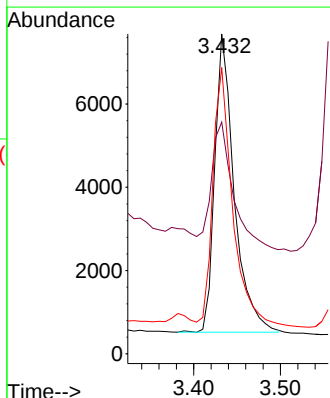
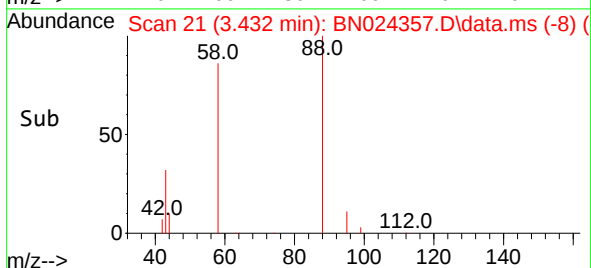
Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023



#2
 1,4-Dioxane
 Concen: 1.294 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024357.D
 Acq: 17 Mar 2023 21:56



Tgt Ion: 88 Resp: 11180
 Ion Ratio Lower Upper
 88 100
 43 48.2 29.0 43.4#
 58 84.8 67.3 100.9





#4

2-Fluorophenol

Concen: 0.128 ng

RT: 5.584 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN024357.D

Acq: 17 Mar 2023 21:56

Instrument :

BNA_N

ClientSampleId :

RE104D2-20230308

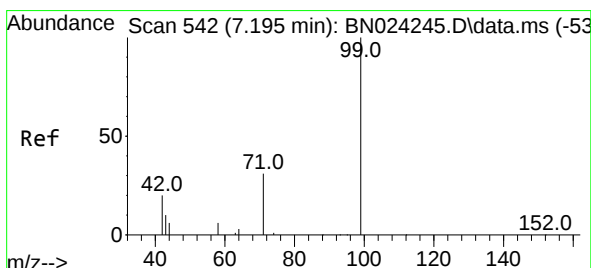
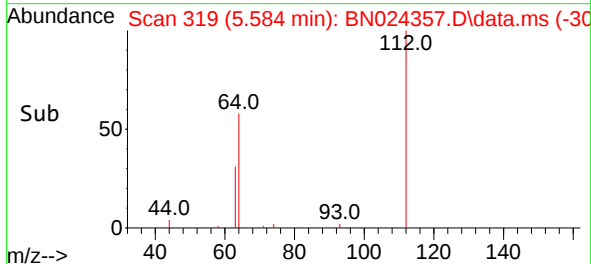
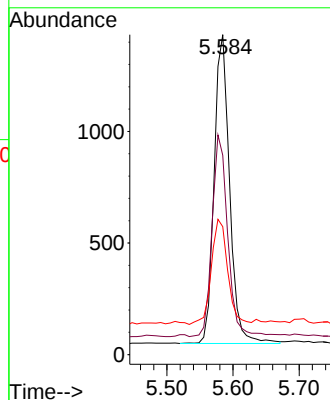
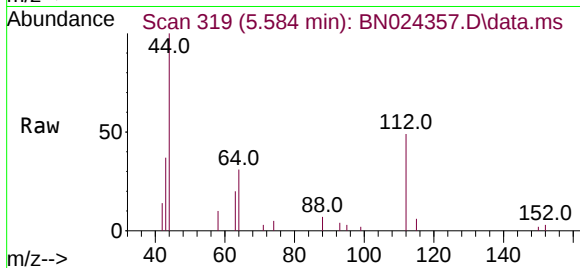
Tgt Ion:112 Resp: 2250

Ion	Ratio	Lower	Upper
112	100		
64	66.5	49.0	73.6
63	36.0	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#5

Phenol-d6

Concen: 0.075 ng

RT: 7.188 min Scan# 541

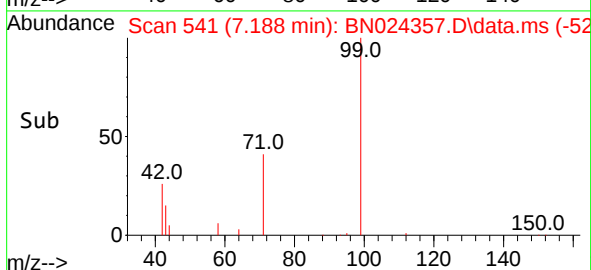
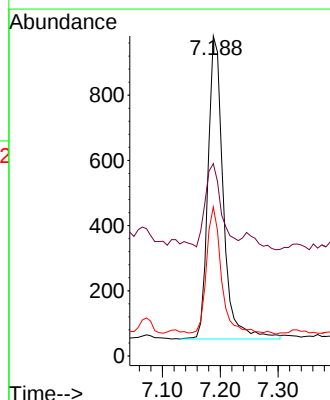
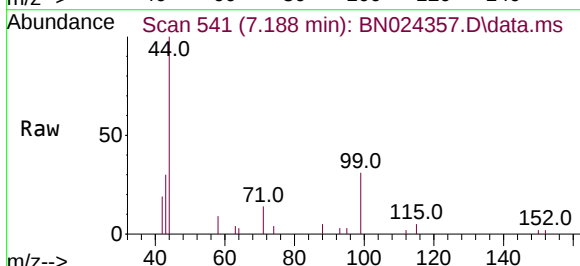
Delta R.T. 0.000 min

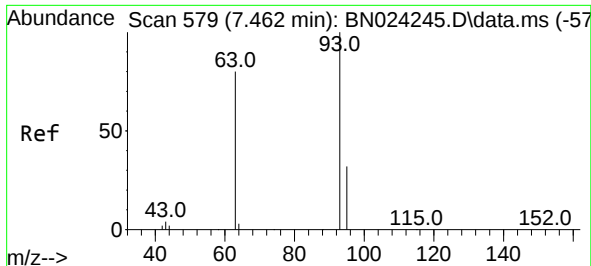
Lab File: BN024357.D

Acq: 17 Mar 2023 21:56

Tgt Ion: 99 Resp: 1700

Ion	Ratio	Lower	Upper
99	100		
42	28.8	20.1	30.1
71	41.8	25.8	38.8





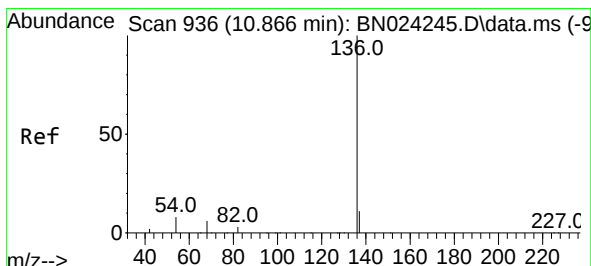
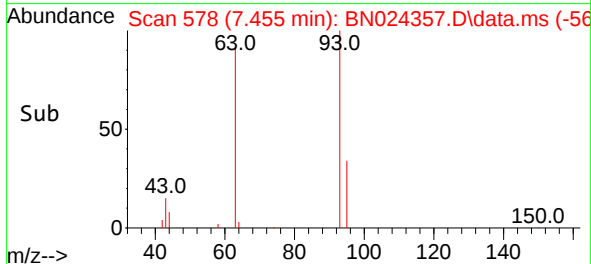
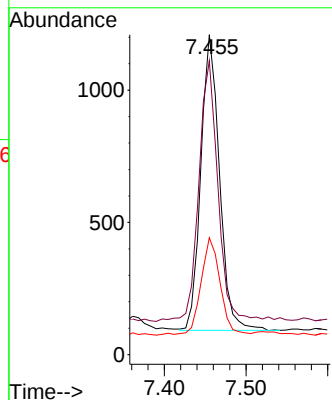
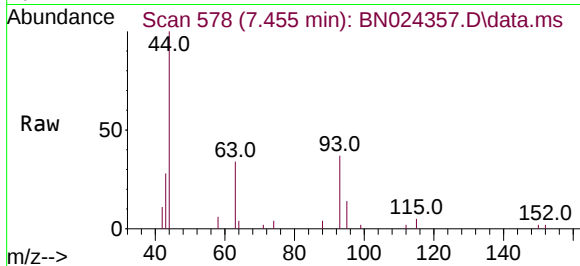
#6
bis(2-Chloroethyl)ether
Concen: 0.079 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

Instrument :
BNA_N
ClientSampleId :
RE104D2-20230308

Tgt Ion: 93 Resp: 1768
Ion Ratio Lower Upper
93 100
63 90.2 65.4 98.2
95 34.2 25.8 38.8

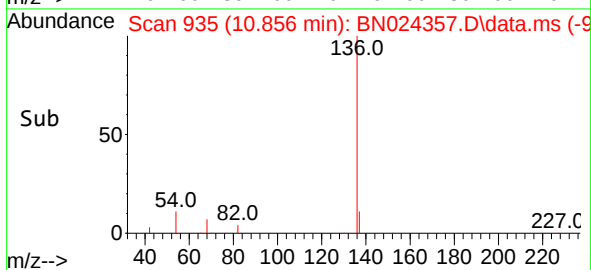
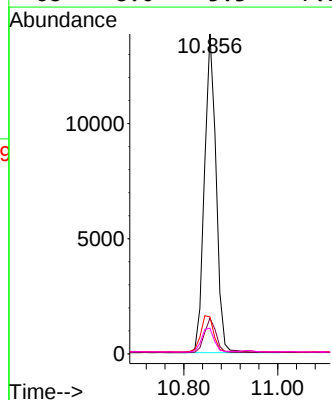
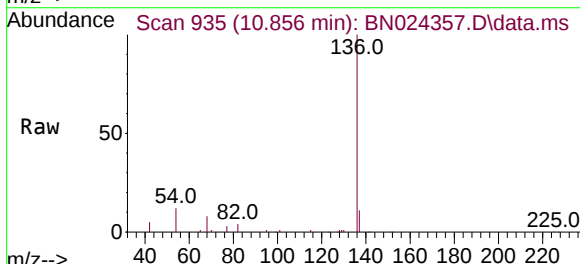
Manual Integrations
APPROVED

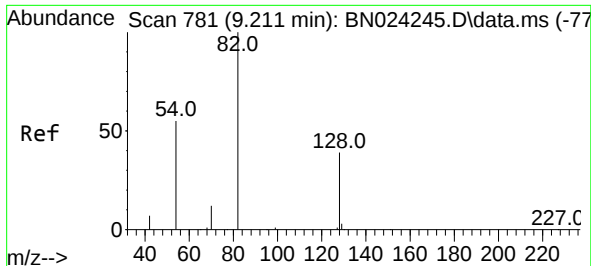
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

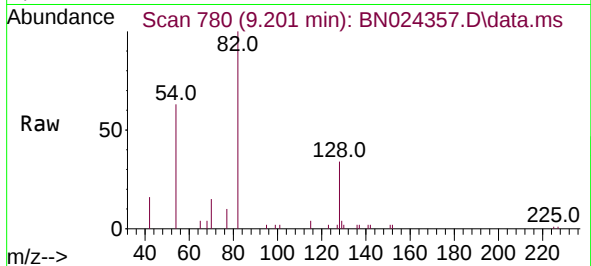
Tgt Ion:136 Resp: 23809
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.6 7.1 10.7#
68 8.0 5.3 7.9#





#8
Nitrobenzene-d5
Concen: 0.356 ng m
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

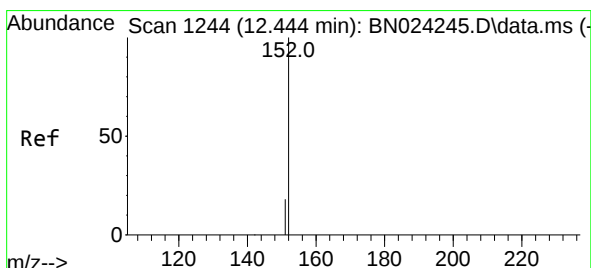
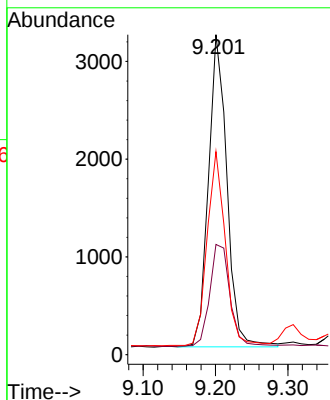
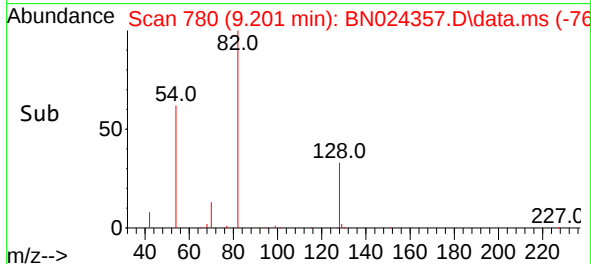
Instrument :
BNA_N
ClientSampleId :
RE104D2-20230308



Tgt Ion: 82 Resp: 567
Ion Ratio Lower Upper
82 100
128 34.4 32.4 48.6
54 63.4 45.2 67.8

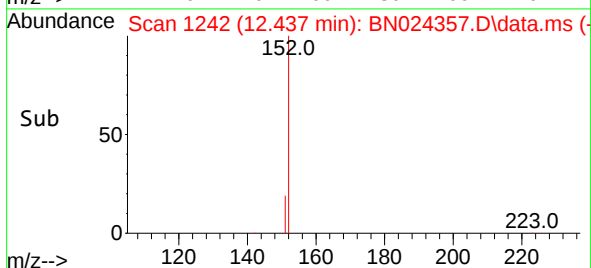
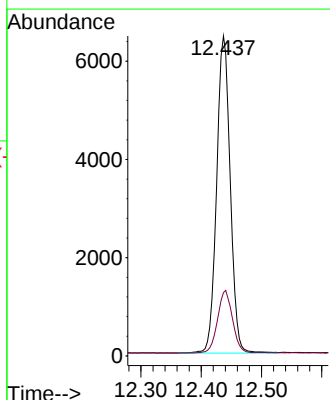
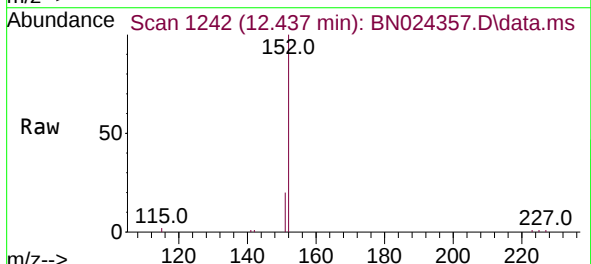
Manual Integrations
APPROVED

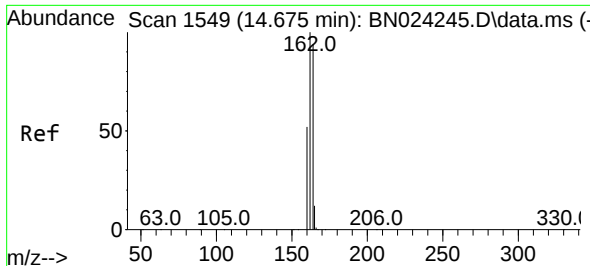
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

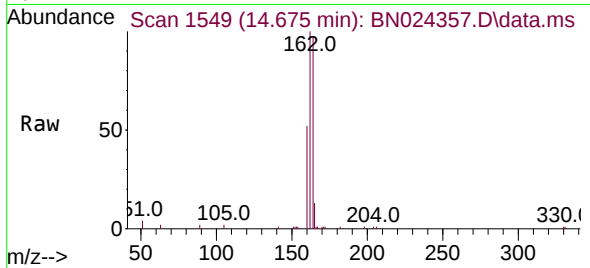
Tgt Ion:152 Resp: 10140
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11364
Delta R.T. 0.000 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

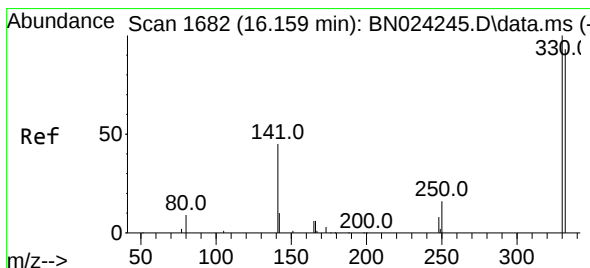
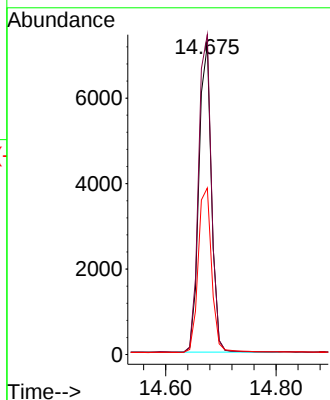
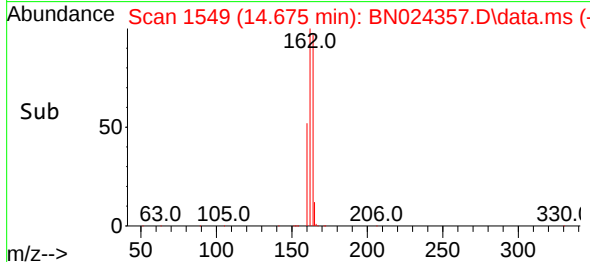
Instrument :
BNA_N
ClientSampleId :
RE104D2-20230308



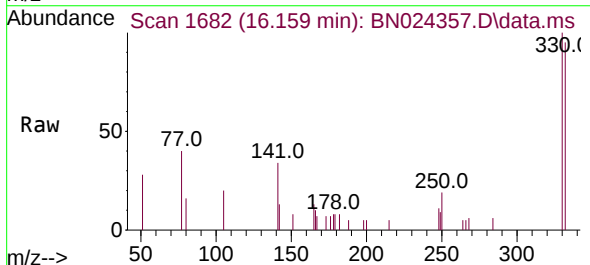
Tgt Ion:164 Resp: 11364
Ion Ratio Lower Upper
164 100
162 103.3 84.7 127.1
160 53.8 44.6 66.8

Manual Integrations
APPROVED

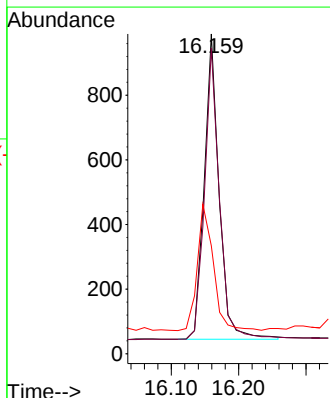
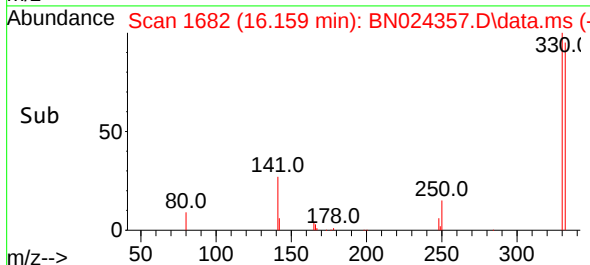
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

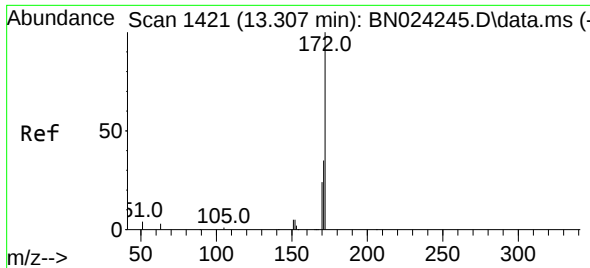


#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56



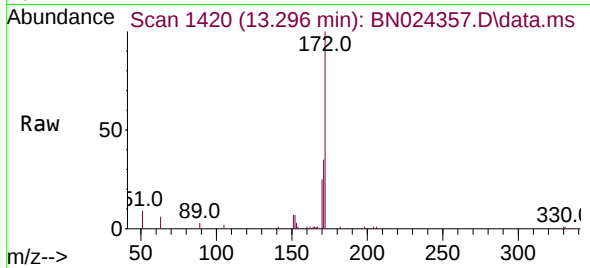
Tgt Ion:330 Resp: 1451
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 43.6 30.8 46.2





#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.296 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

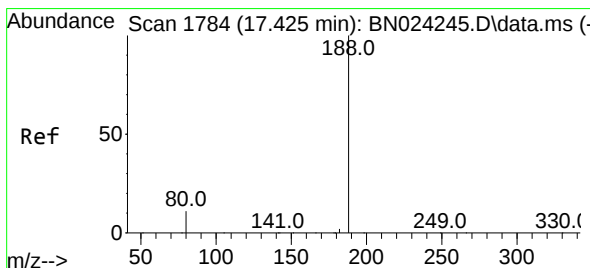
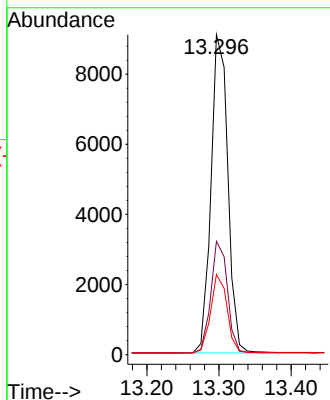
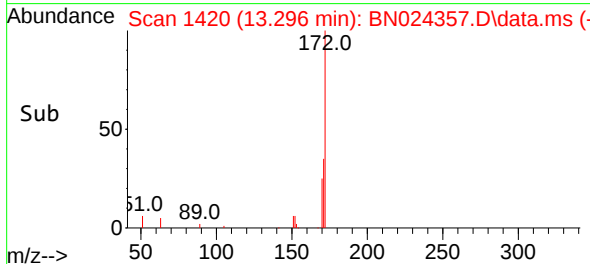
Instrument :
BNA_N
ClientSampleId :
RE104D2-20230308



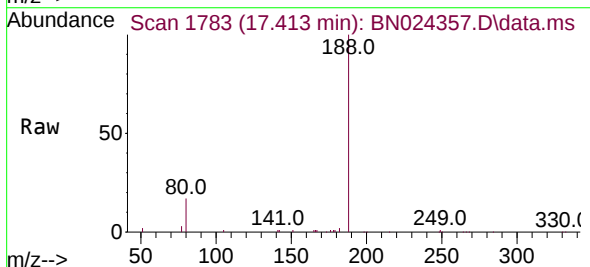
Tgt Ion:172 Resp: 14819
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 25.0 19.0 28.6

Manual Integrations
APPROVED

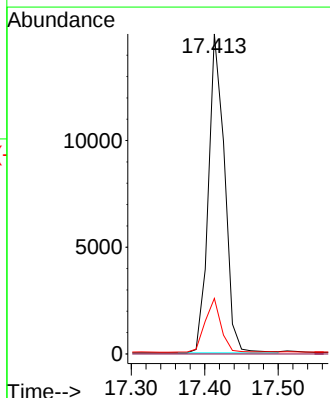
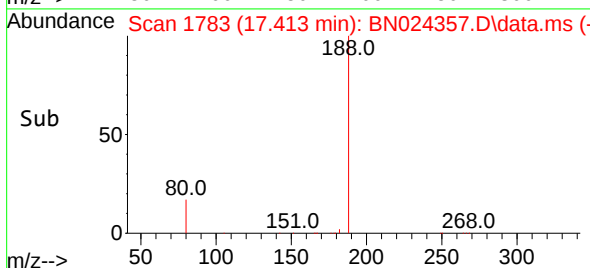
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

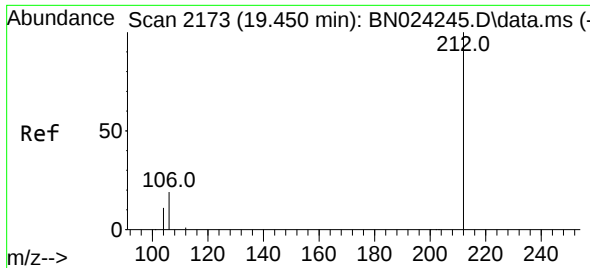


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56



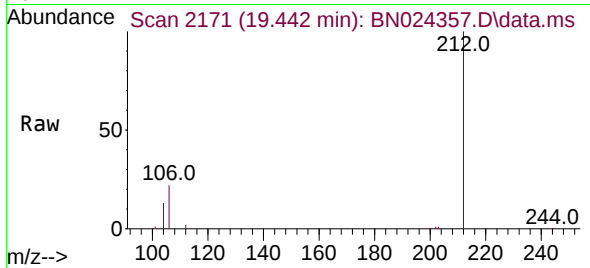
Tgt Ion:188 Resp: 22883
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.3 8.9 13.3





#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.442 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

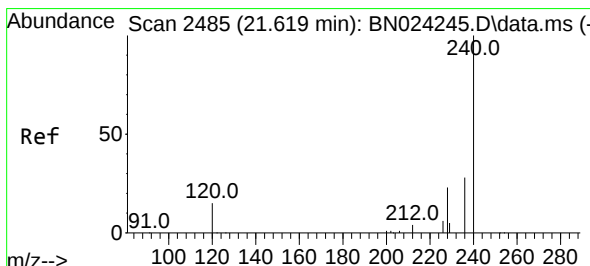
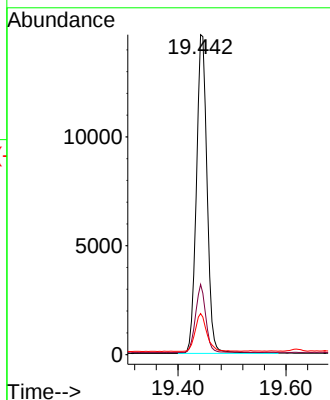
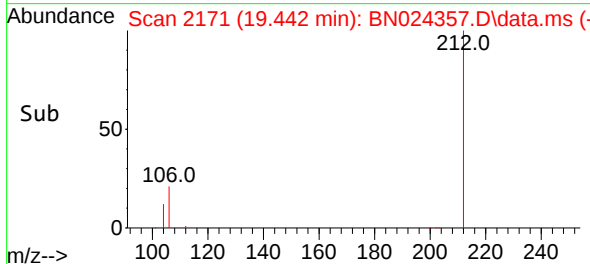
Instrument :
BNA_N
ClientSampleId :
RE104D2-20230308



Tgt Ion:212 Resp: 20053
Ion Ratio Lower Upper
212 100
106 20.4 15.4 23.2
104 12.8 8.6 13.0

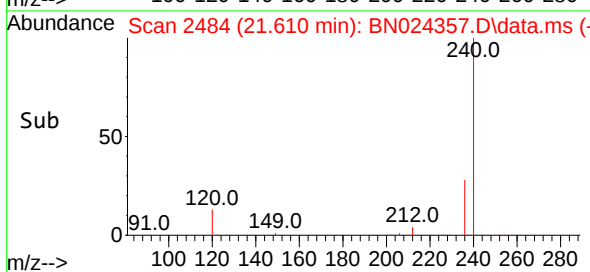
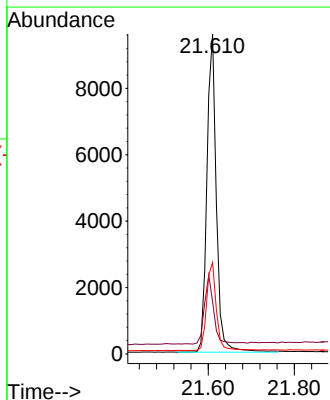
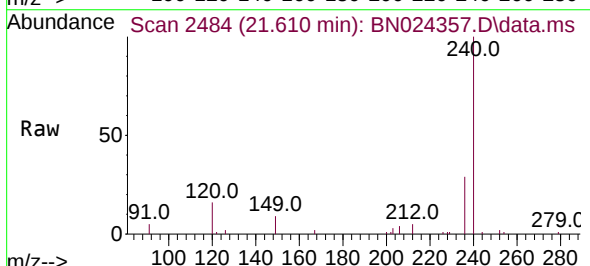
Manual Integrations
APPROVED

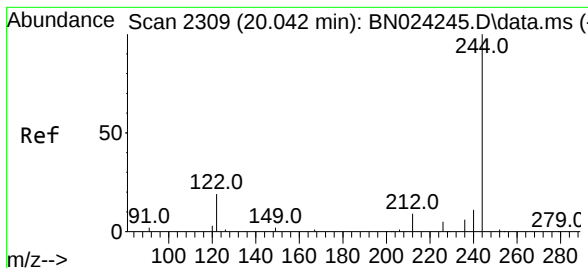
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024357.D
Acq: 17 Mar 2023 21:56

Tgt Ion:240 Resp: 14520
Ion Ratio Lower Upper
240 100
120 16.2 12.8 19.2
236 28.6 22.5 33.7





#31

Terphenyl-d14

Concen: 0.532 ng

RT: 20.034 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BN024357.D

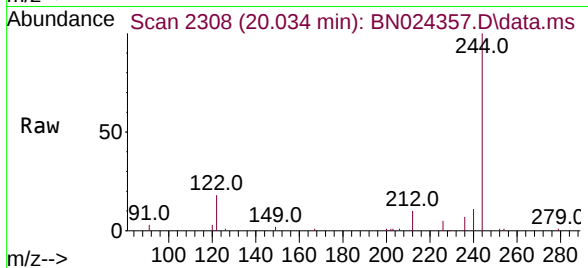
Acq: 17 Mar 2023 21:56

Instrument :

BNA_N

ClientSampleId :

RE104D2-20230308



Tgt Ion:244 Resp: 13036

Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

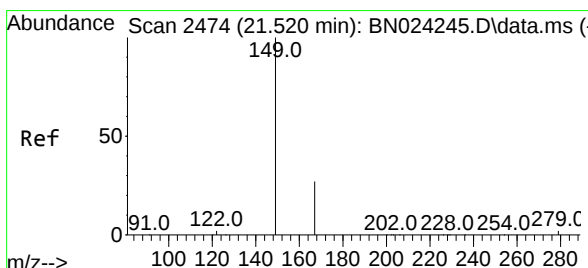
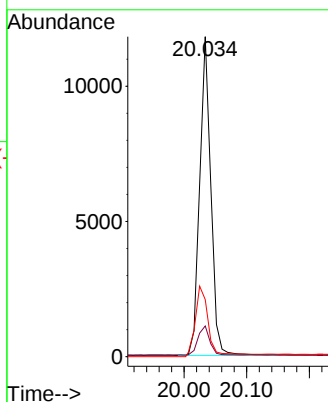
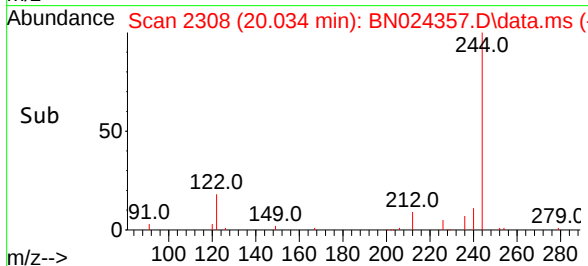
122 17.8 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024357.D

Acq: 17 Mar 2023 21:56

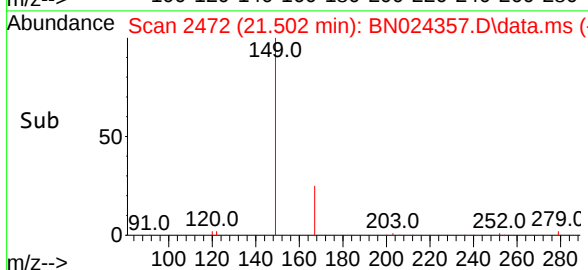
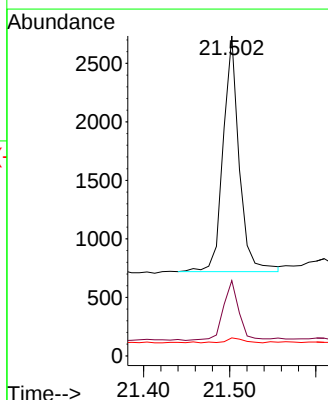
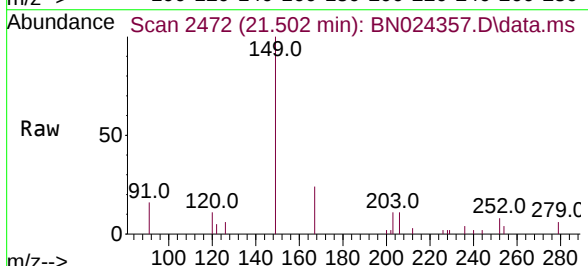
Tgt Ion:149 Resp: 2617

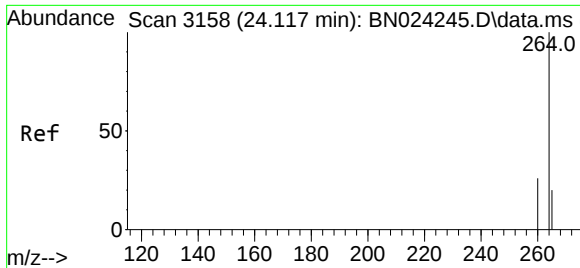
Ion Ratio Lower Upper

149 100

167 25.0 21.2 31.8

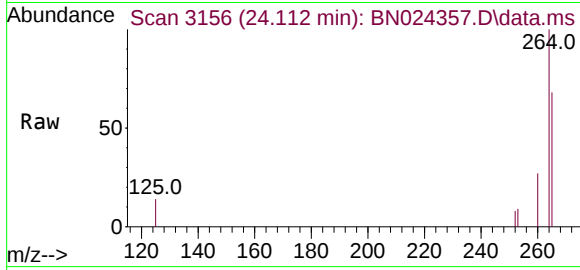
279 2.4 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.112 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN024357.D
 Acq: 17 Mar 2023 21:56

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20230308



Tgt Ion: 264 Resp: 10750

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.2
265	67.7	35.7	53.5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023

