

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024382.D
 Acq On : 18 Mar 2023 15:00
 Operator : CG/JU
 Sample : 01880-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230310

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 01:10:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10096	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30919	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14858	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29928	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	18874	0.400	ng	0.00
35) Perylene-d12	24.094	264	12165	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3485	0.156	ng	0.00
5) Phenol-d6	7.188	99	2609	0.091	ng	0.00
8) Nitrobenzene-d5	9.201	82	7320m	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12415	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1913	0.252	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	18237	0.325	ng	0.00
27) Fluoranthene-d10	19.442	212	24436	0.385	ng	0.00
31) Terphenyl-d14	20.034	244	13117	0.412	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	51553	4.693	ng	98
34) Bis(2-ethylhexyl)phtha...	21.502	149	3002	0.101	ng	95

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

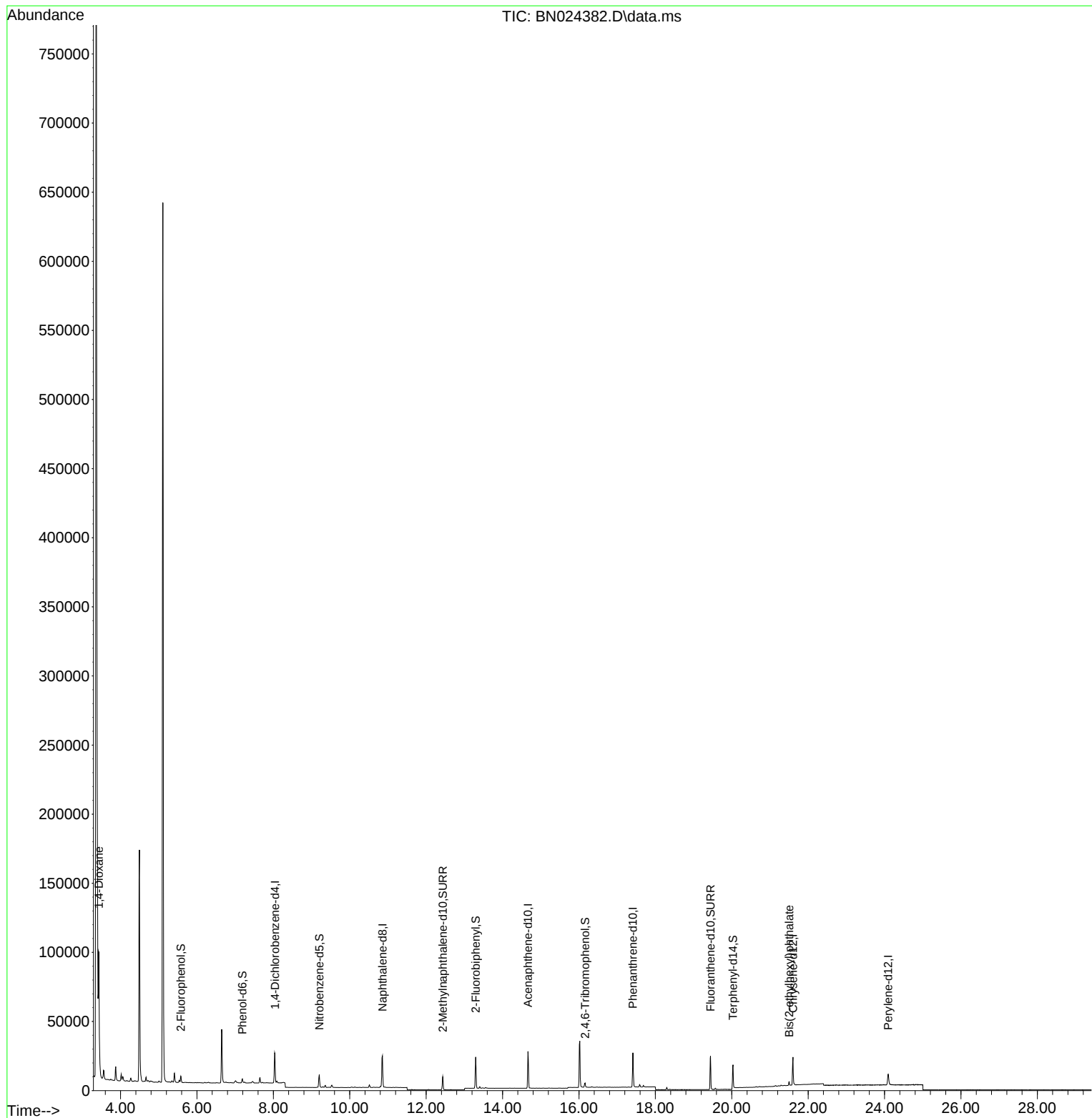
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024382.D
Acq On : 18 Mar 2023 15:00
Operator : CG/JU
Sample : 01880-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310

Quant Time: Mar 20 01:10:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

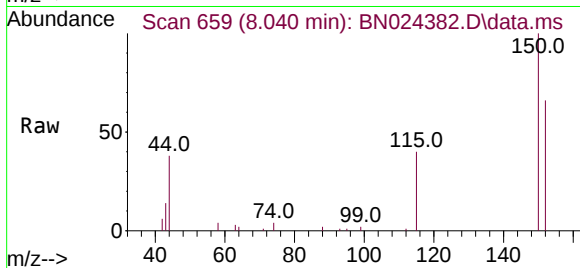
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024382.D
 Acq: 18 Mar 2023 15:00

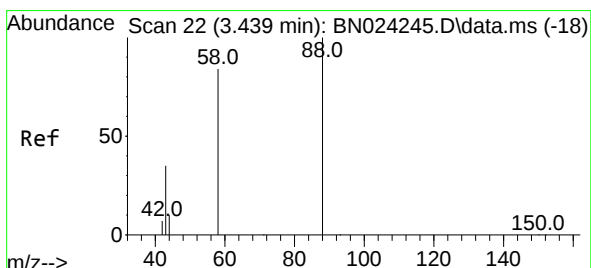
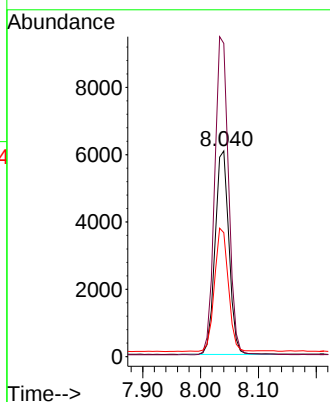
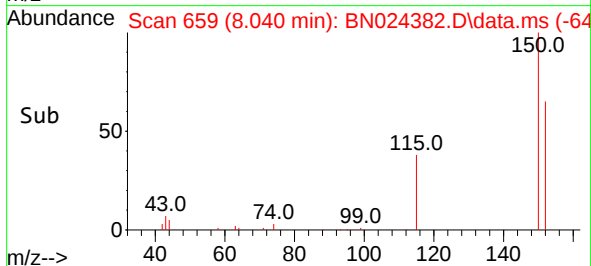
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20230310



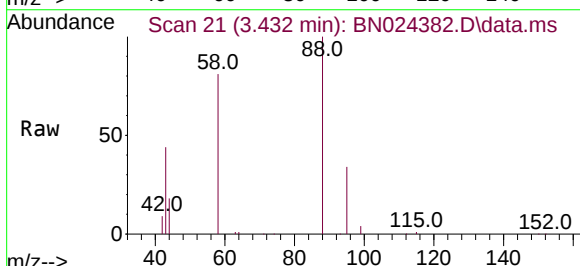
Tgt Ion: 152 Resp: 10096
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.7 187.1
 115 60.2 49.1 73.7

Manual Integrations
 APPROVED

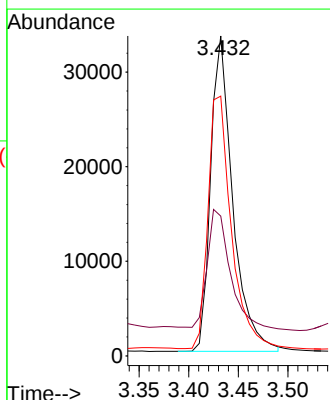
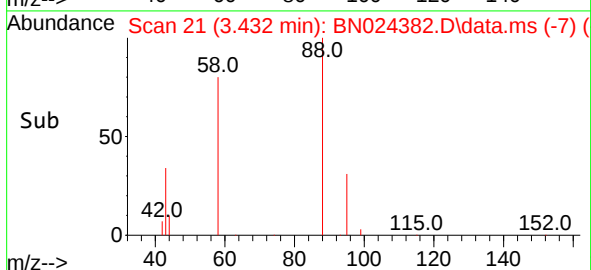
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#2
 1,4-Dioxane
 Concen: 4.693 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024382.D
 Acq: 18 Mar 2023 15:00



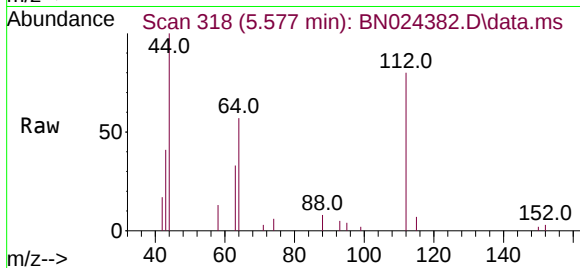
Tgt Ion: 88 Resp: 51553
 Ion Ratio Lower Upper
 88 100
 43 39.4 29.0 43.4
 58 85.0 67.3 100.9





#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

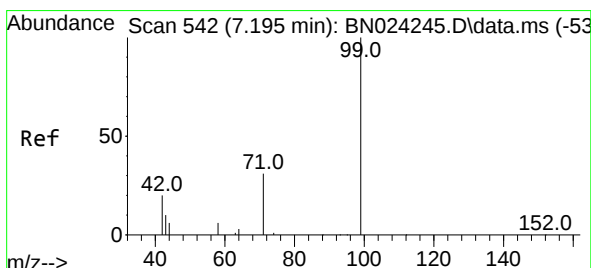
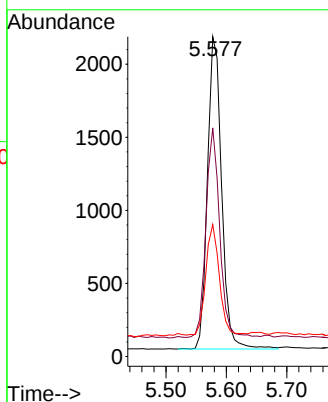
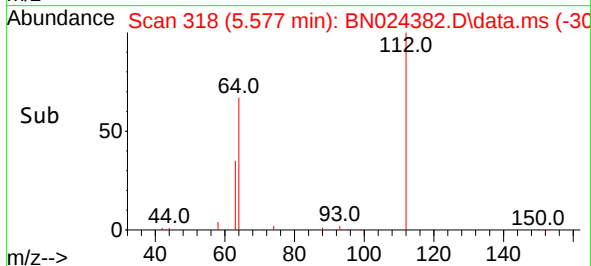
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310



Tgt Ion: 112 Resp: 3485
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.6
63 33.5 25.7 38.5

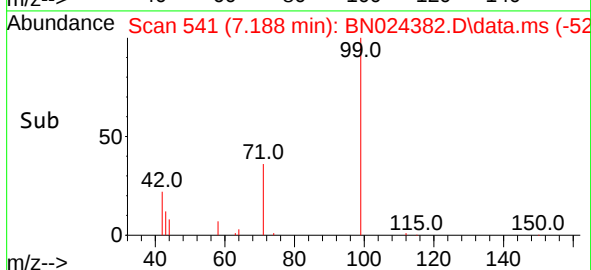
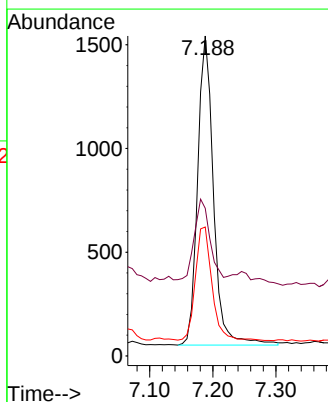
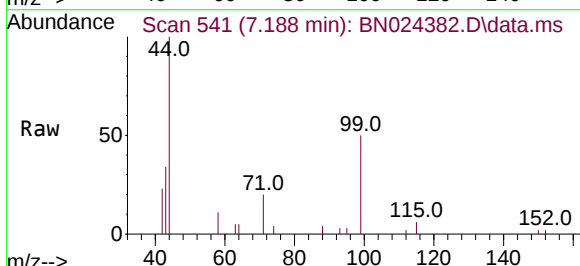
Manual Integrations
APPROVED

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



#5
Phenol-d6
Concen: 0.091 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion: 99 Resp: 2609
Ion Ratio Lower Upper
99 100
42 28.0 20.1 30.1
71 38.6 25.8 38.8





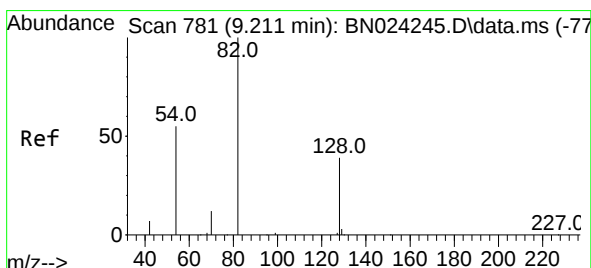
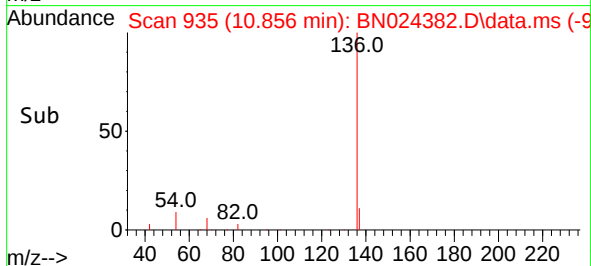
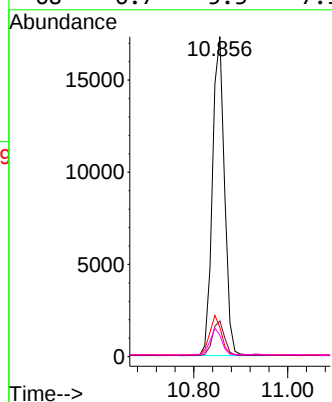
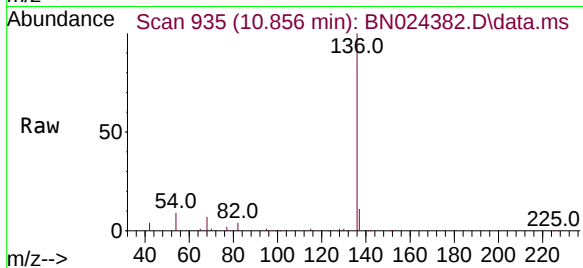
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310

Tgt Ion:136	Resp:	30919
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.1	7.1 10.7
68	6.7	5.3 7.9

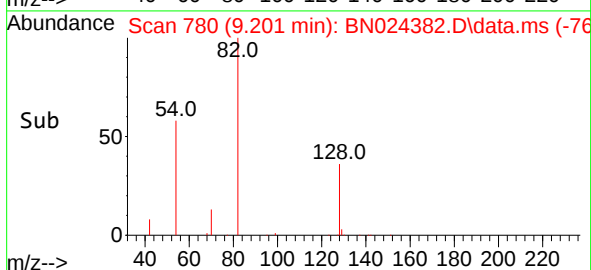
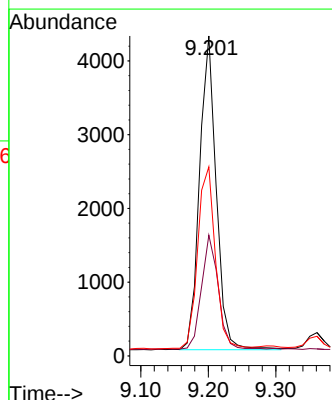
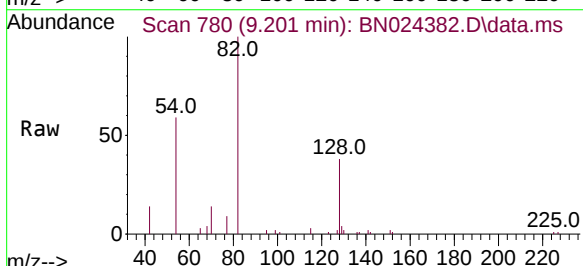
Manual Integrations
APPROVED

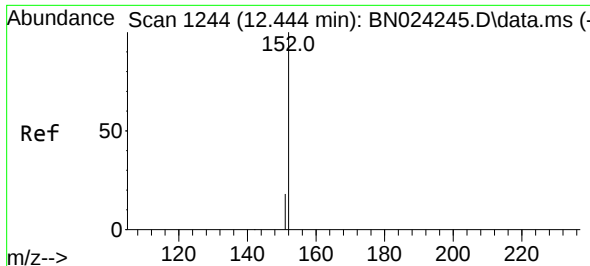
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#8
Nitrobenzene-d5
Concen: 0.354 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

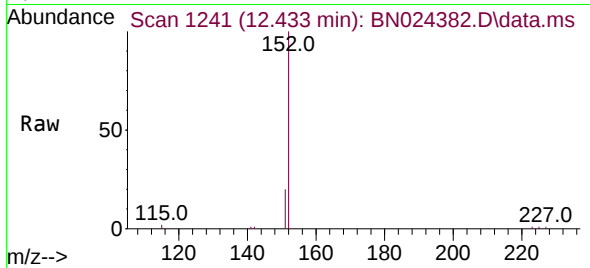
Tgt Ion: 82	Resp:	7320
Ion Ratio	Lower	Upper
82	100	
128	37.7	32.4 48.6
54	59.1	45.2 67.8





#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.433 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

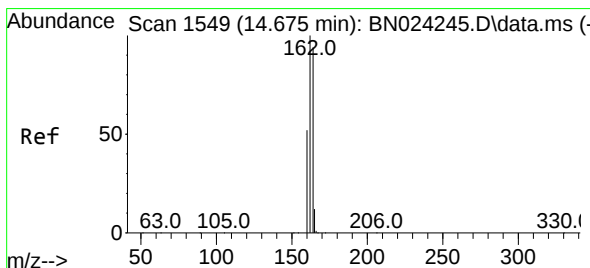
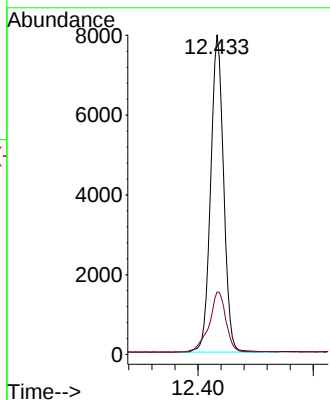
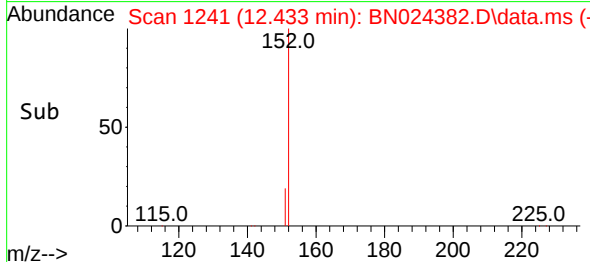
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310



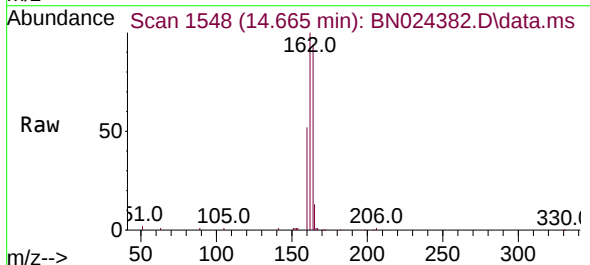
Tgt Ion:152 Resp: 12415
Ion Ratio Lower Upper
152 100
151 24.3 16.8 25.2

Manual Integrations
APPROVED

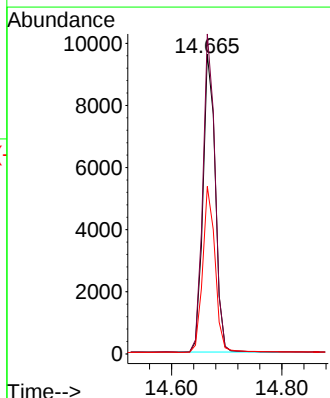
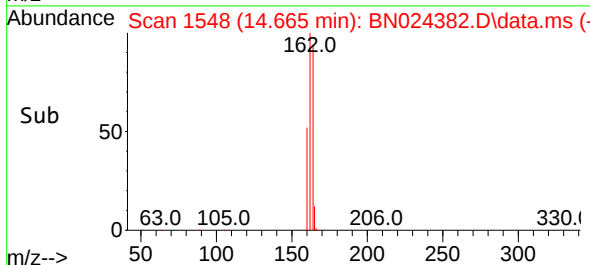
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

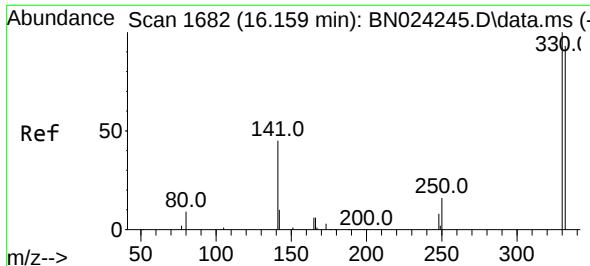


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00



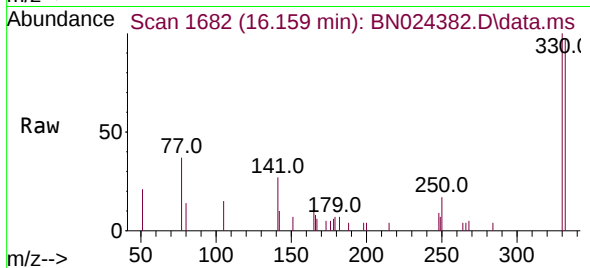
Tgt Ion:164 Resp: 14858
Ion Ratio Lower Upper
164 100
162 106.7 84.7 127.1
160 55.9 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

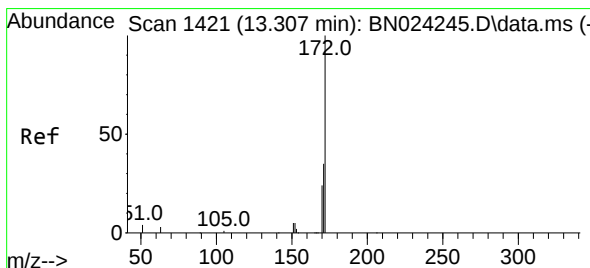
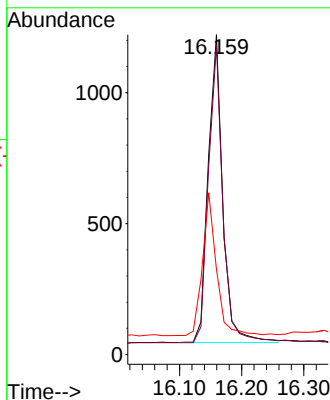
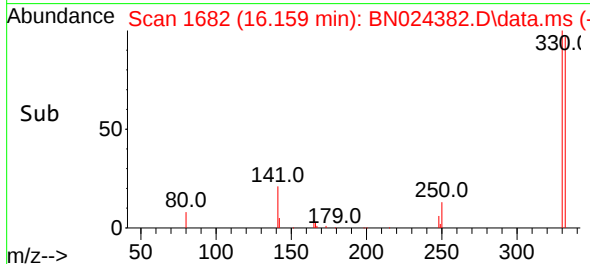
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310



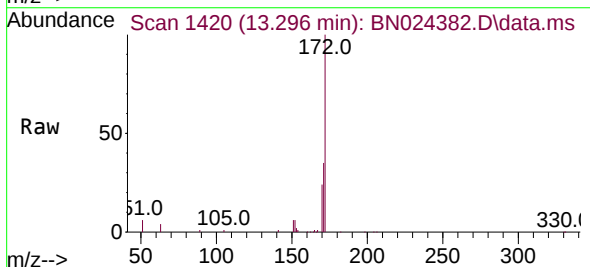
Tgt Ion: 330 Resp: 1913
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 45.1 30.8 46.2

Manual Integrations
APPROVED

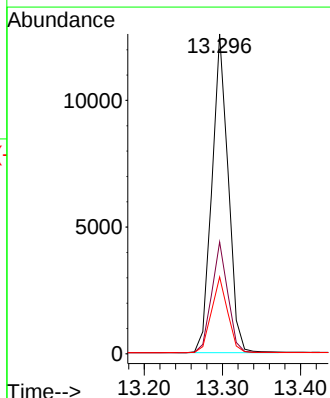
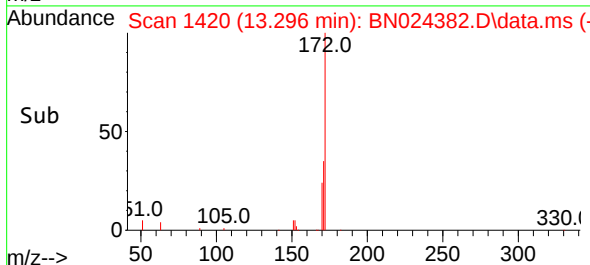
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00



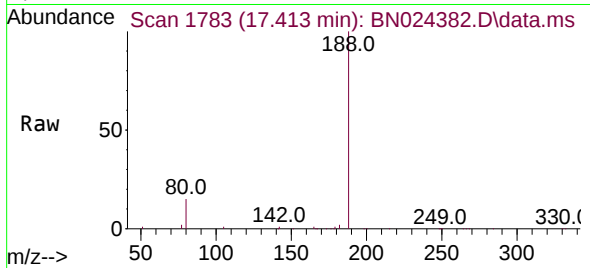
Tgt Ion: 172 Resp: 18237
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.0 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

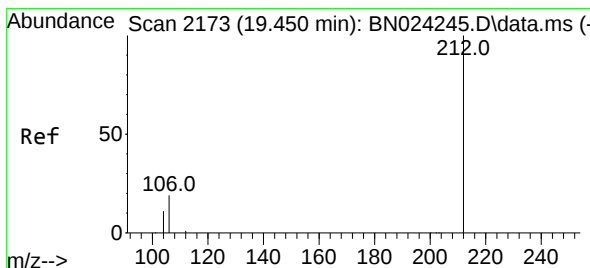
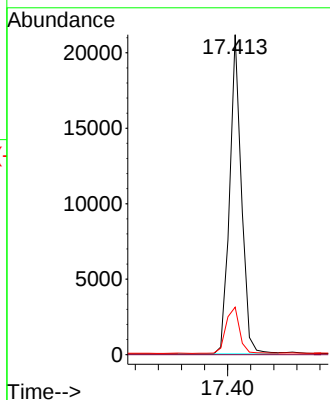
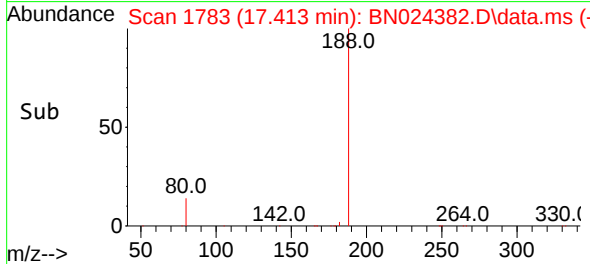
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310



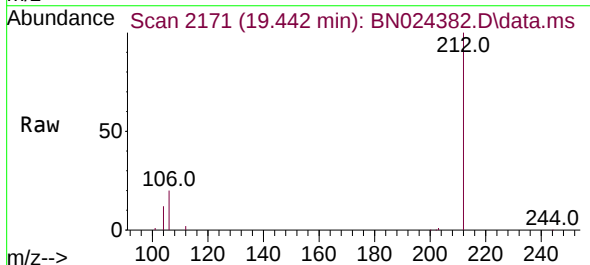
Tgt Ion:188 Resp: 29928
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 8.9 13.3

Manual Integrations
APPROVED

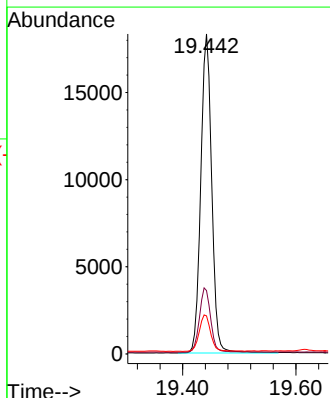
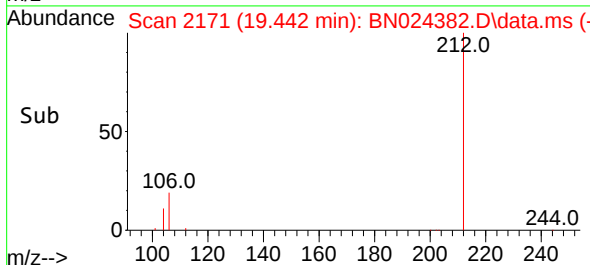
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

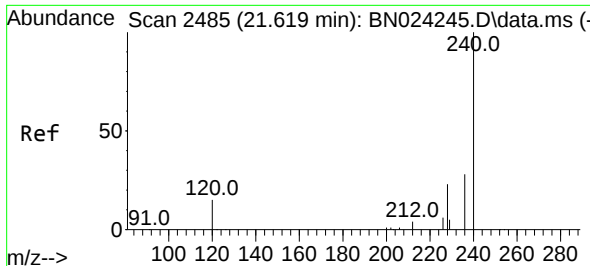


#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00



Tgt Ion:212 Resp: 24436
Ion Ratio Lower Upper
212 100
106 20.6 15.4 23.2
104 11.9 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN024382.D

Acq: 18 Mar 2023 15:00

Instrument :

BNA_N

ClientSampleId :

RE120D2-20230310

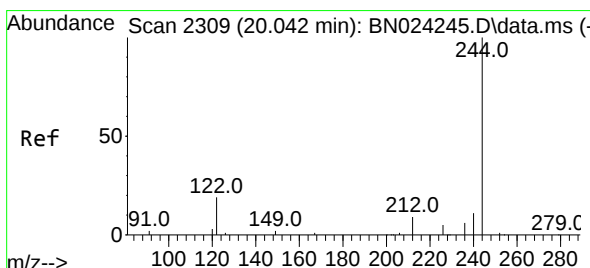
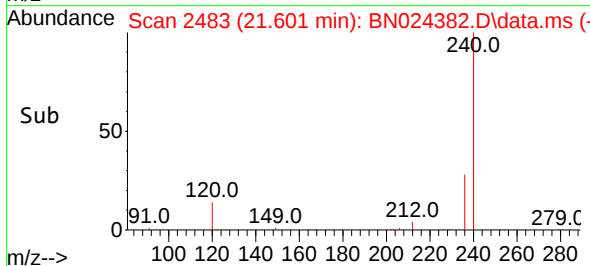
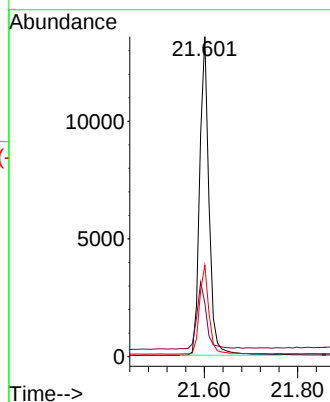
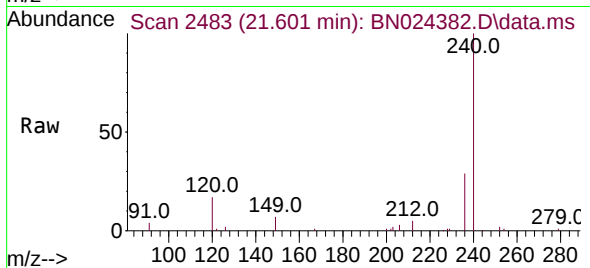
Tgt Ion:	240	Resp:	18874
Ion Ratio	Lower	Upper	
240	100		
120	16.7	12.8	19.2
236	28.6	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#31

Terphenyl-d14

Concen: 0.412 ng

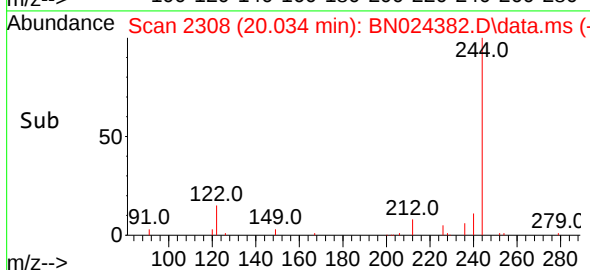
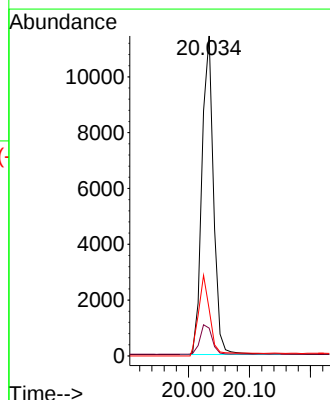
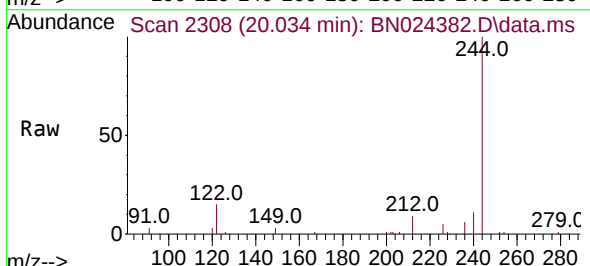
RT: 20.034 min Scan# 2308

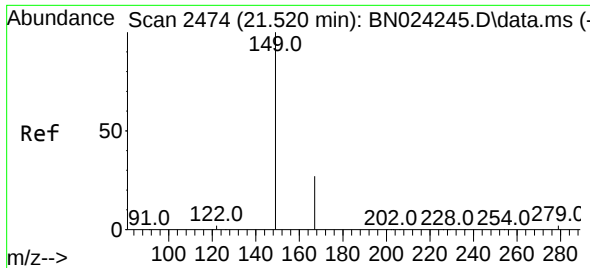
Delta R.T. 0.000 min

Lab File: BN024382.D

Acq: 18 Mar 2023 15:00

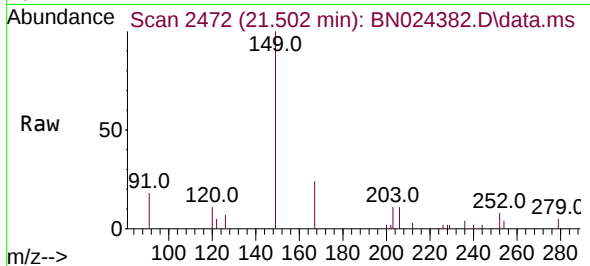
Tgt Ion:	244	Resp:	13117
Ion Ratio	Lower	Upper	
244	100		
212	8.7	7.6	11.4
122	14.6	15.1	22.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.502 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

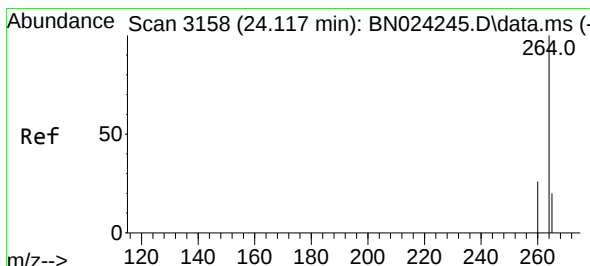
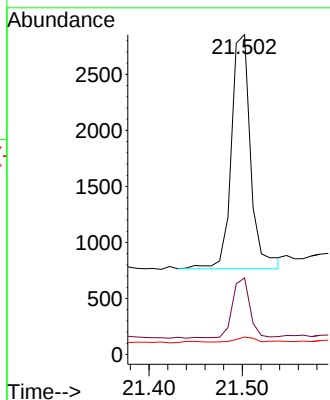
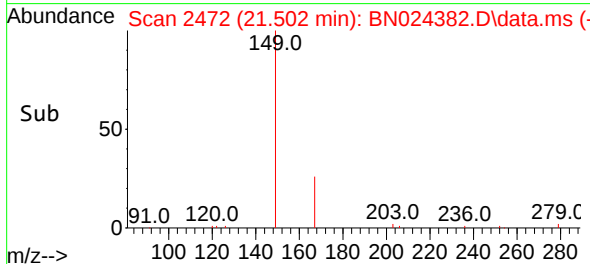
Instrument :
BNA_N
ClientSampleId :
RE120D2-20230310



Tgt Ion:149 Resp: 3002
Ion Ratio Lower Upper
149 100
167 23.6 21.2 31.8
279 2.2 1.8 2.8

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.094 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BN024382.D
Acq: 18 Mar 2023 15:00

Tgt Ion:264 Resp: 12165
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 65.2 35.7 53.5#

