

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024393.D
 Acq On : 18 Mar 2023 23:32
 Operator : CG/JU
 Sample : 01903-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20230310

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 01:12:43 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	8.033	152	10029	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30085	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14085	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28276	0.400	ng	# 0.00
29) Chrysene-d12	21.592	240	15215	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	10390	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2931	0.132	ng	0.00
5) Phenol-d6	7.188	99	2071	0.073	ng	0.00
8) Nitrobenzene-d5	9.201	82	7839m	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12434	0.336	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1784	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	20978	0.394	ng	0.00
27) Fluoranthene-d10	19.442	212	21704	0.362	ng	0.00
31) Terphenyl-d14	20.034	244	12944	0.505	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	54192	4.966	ng	97
34) Bis(2-ethylhexyl)phtha...	21.493	149	1943	0.081	ng	# 92

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

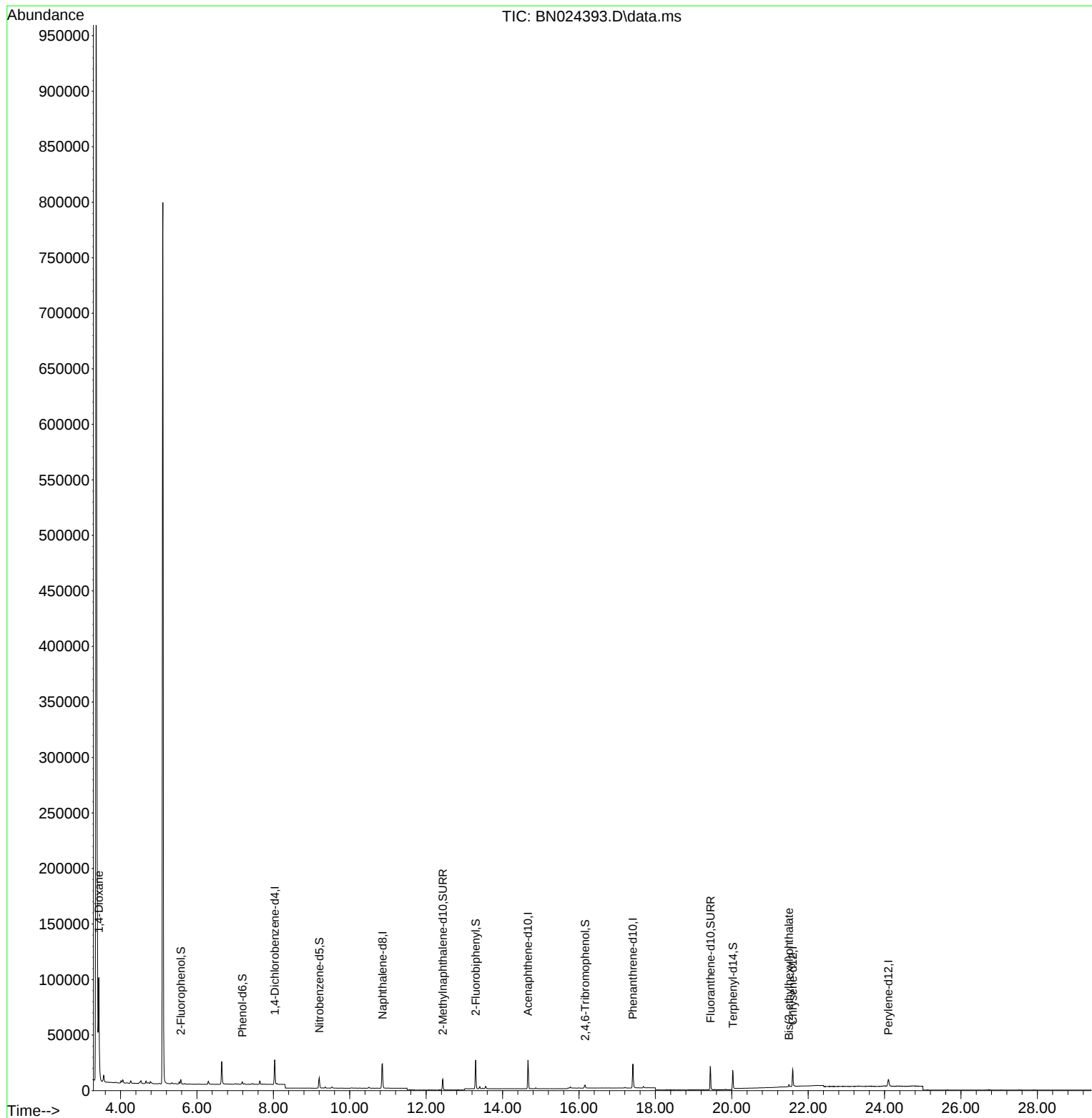
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024393.D
Acq On : 18 Mar 2023 23:32
Operator : CG/JU
Sample : 01903-06
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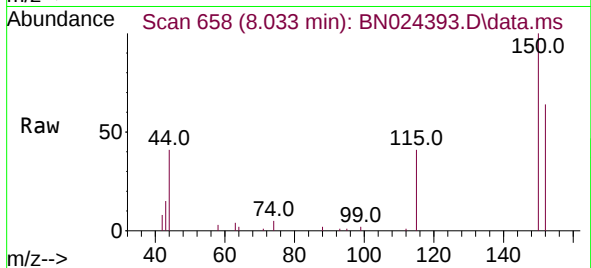
Quant Time: Mar 20 01:12:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:49:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

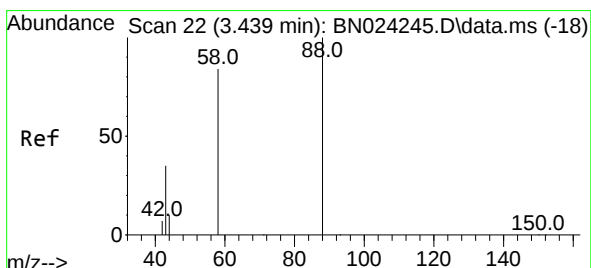
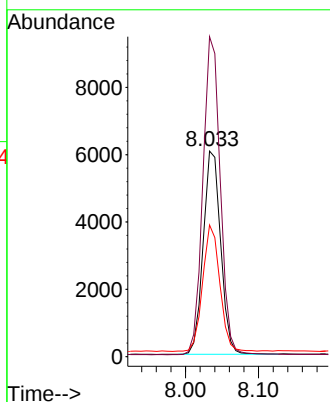
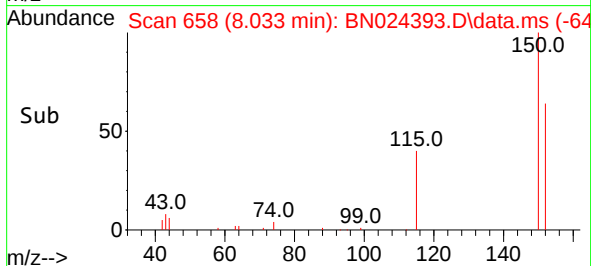
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310



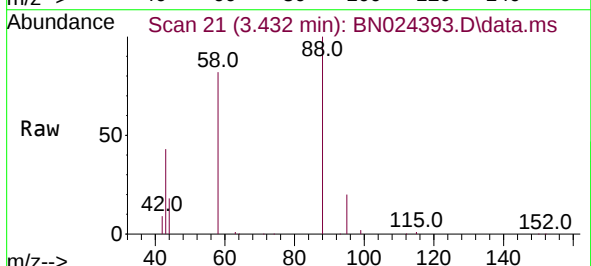
Tgt Ion: 152 Resp: 10029
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 64.1 49.1 73.7

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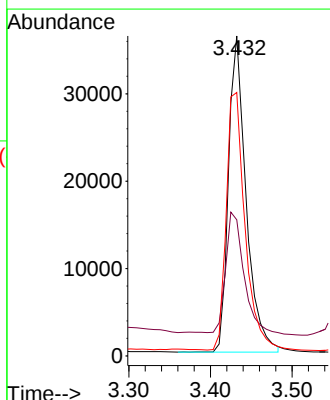
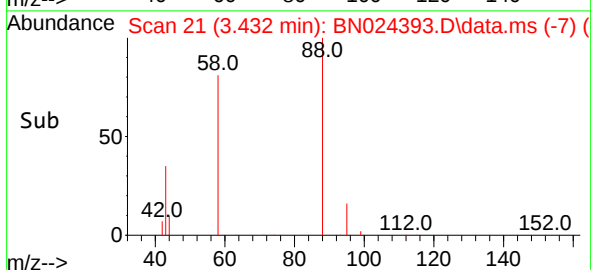
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#2
1,4-Dioxane
Concen: 4.966 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32



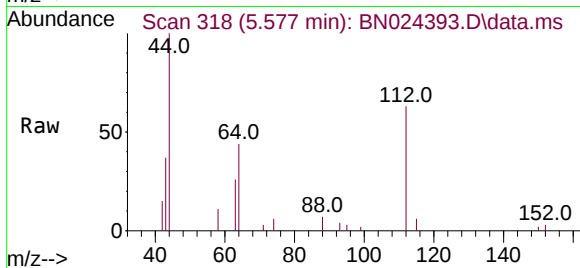
Tgt Ion: 88 Resp: 54192
Ion Ratio Lower Upper
88 100
43 39.0 29.0 43.4
58 86.7 67.3 100.9





#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

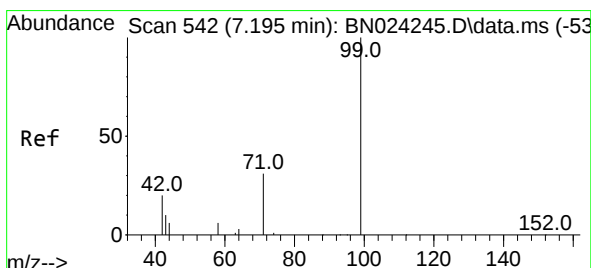
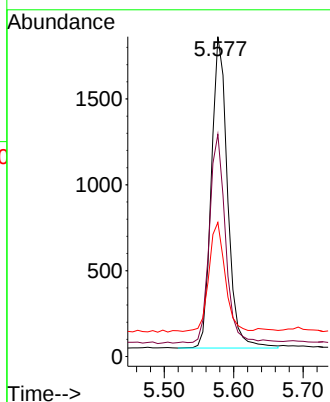
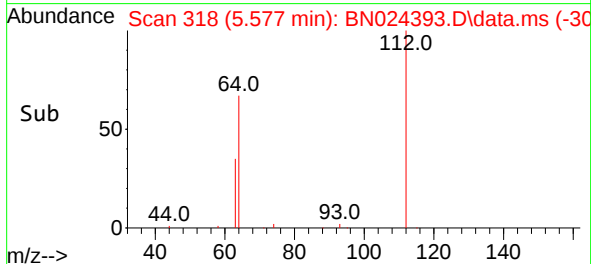
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310



Tgt Ion: 112 Resp: 2931
Ion Ratio Lower Upper
112 100
64 67.2 49.0 73.6
63 35.8 25.7 38.5

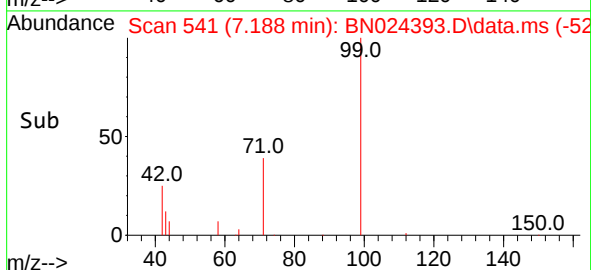
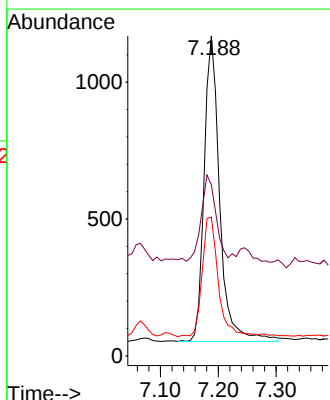
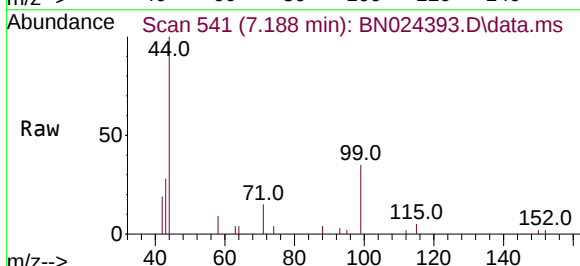
Manual Integrations
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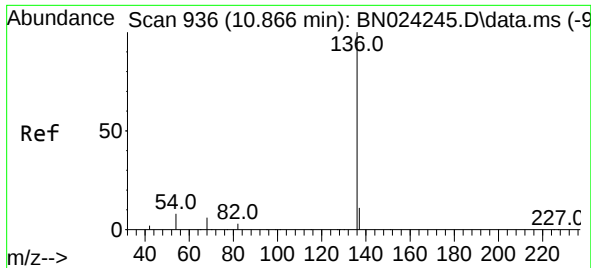
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Tgt Ion: 99 Resp: 2071
Ion Ratio Lower Upper
99 100
42 26.6 20.1 30.1
71 40.7 25.8 38.8





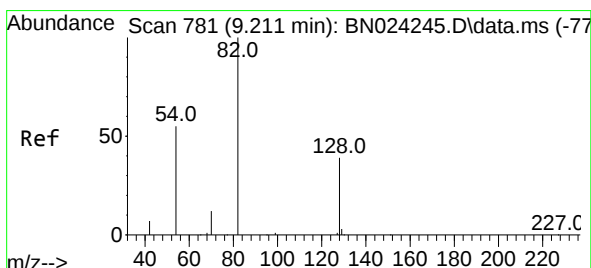
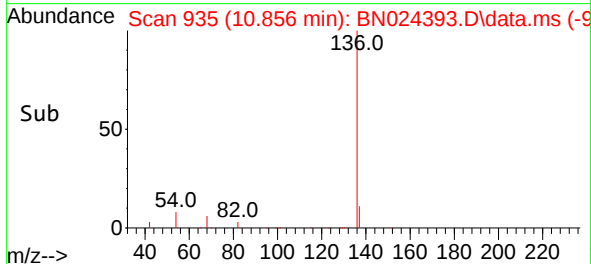
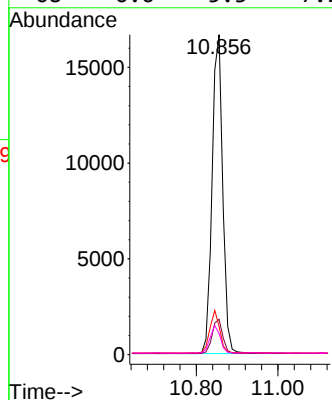
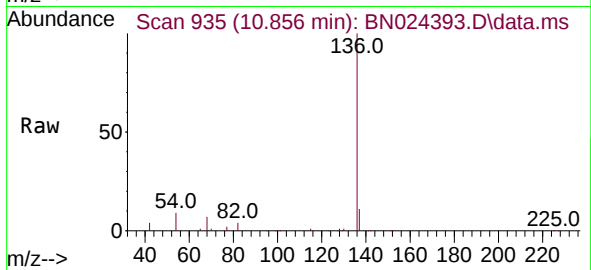
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310

Tgt Ion:136 Resp: 3085
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 7.1 10.7
68 6.6 5.3 7.9

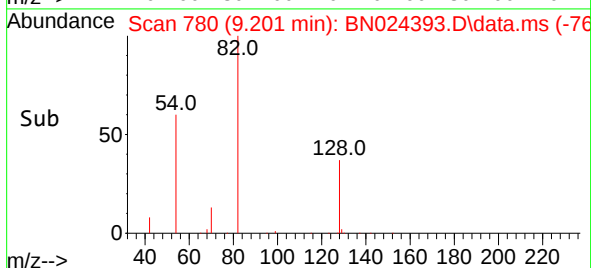
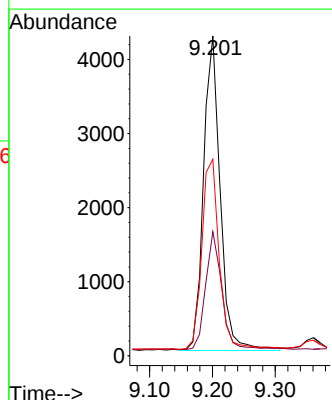
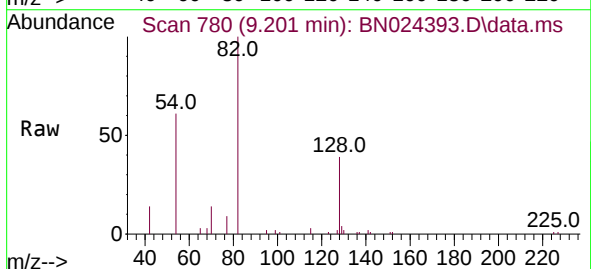
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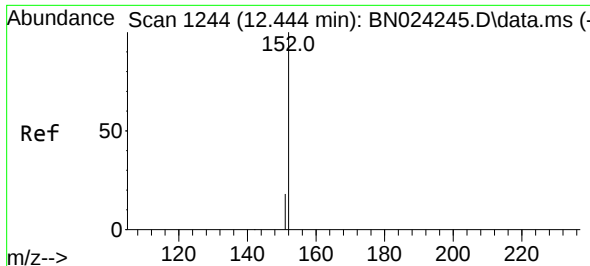
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#8
Nitrobenzene-d5
Concen: 0.390 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

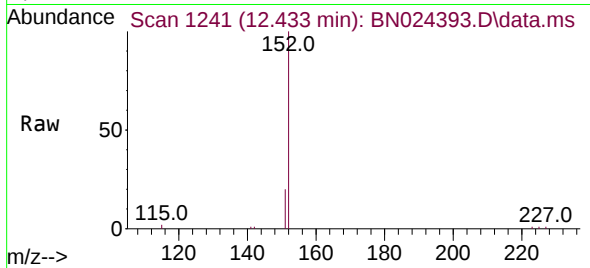
Tgt Ion: 82 Resp: 7839
Ion Ratio Lower Upper
82 100
128 38.8 32.4 48.6
54 61.4 45.2 67.8





#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.433 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

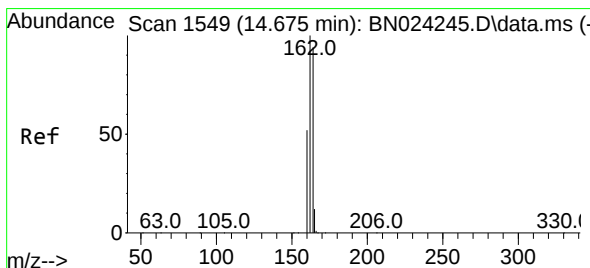
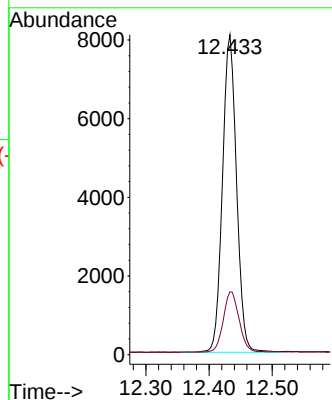
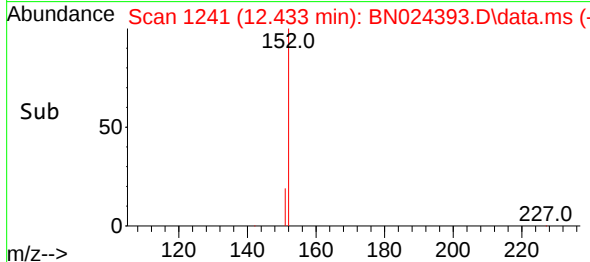
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310



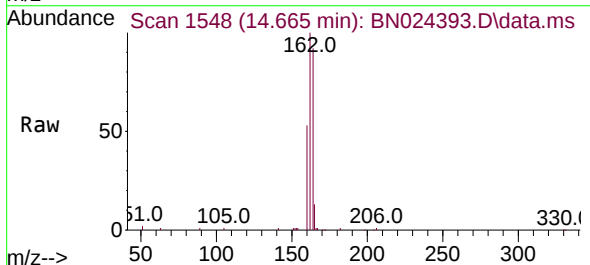
Tgt Ion:152 Resp: 12434
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

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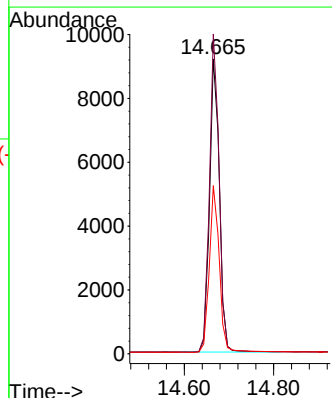
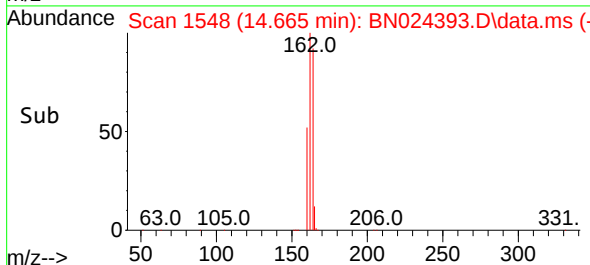
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32



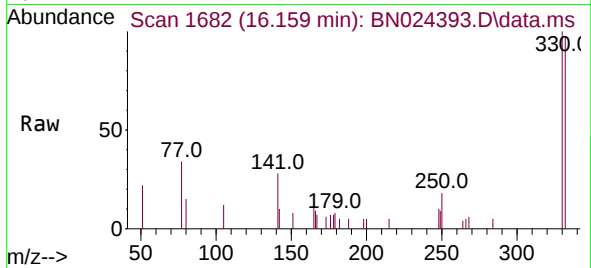
Tgt Ion:164 Resp: 14085
Ion Ratio Lower Upper
164 100
162 108.5 84.7 127.1
160 57.1 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

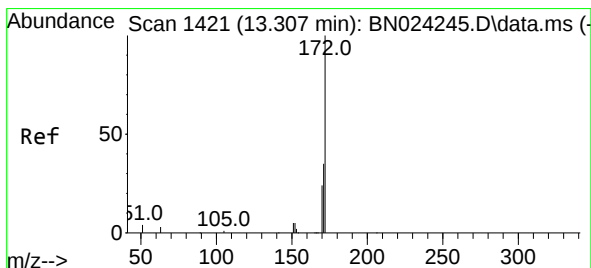
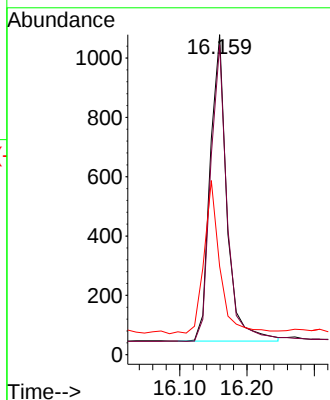
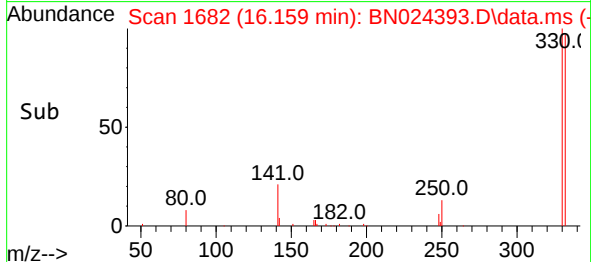
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310



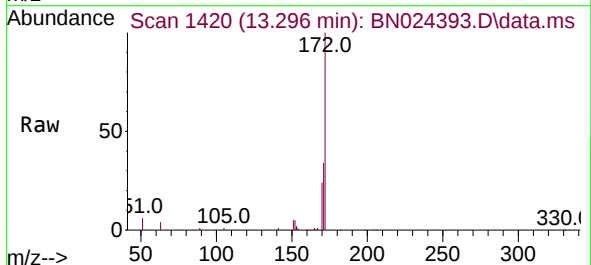
Tgt Ion: 330 Resp: 1784
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 47.8 30.8 46.2

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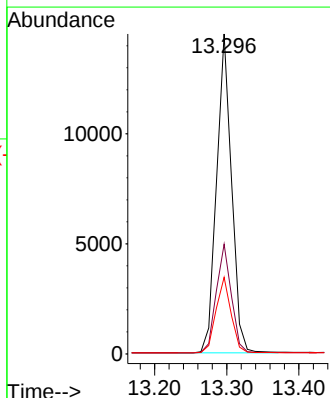
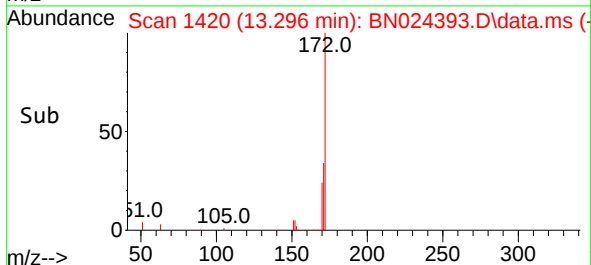
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32



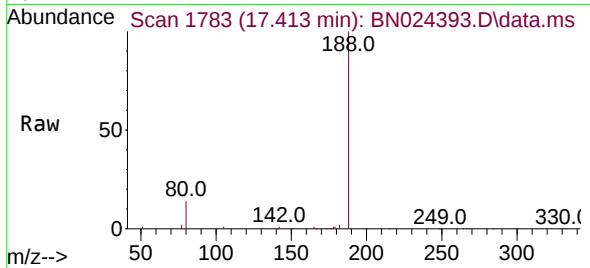
Tgt Ion: 172 Resp: 20978
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.9 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

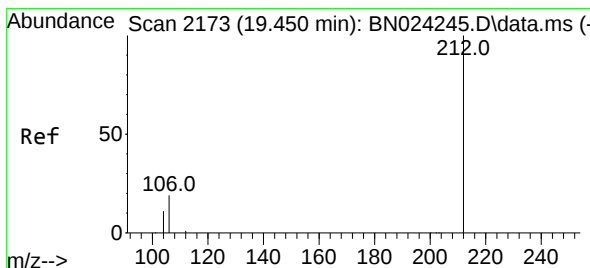
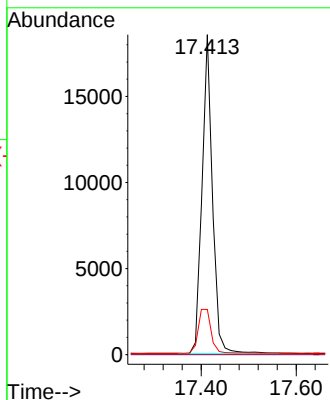
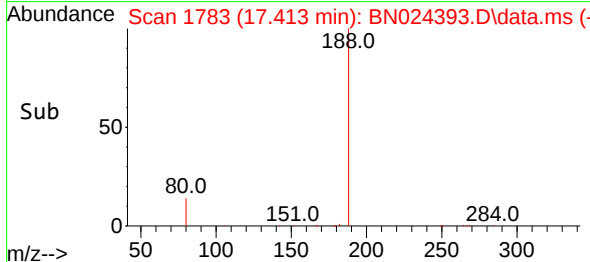
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310



Tgt Ion:188 Resp: 28276
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 8.9 13.3

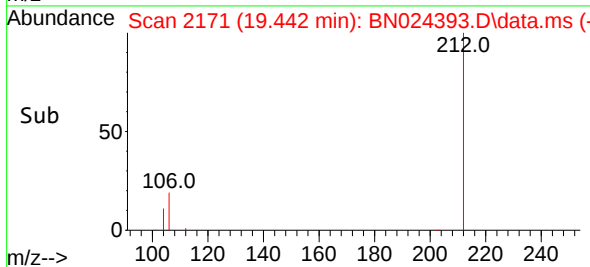
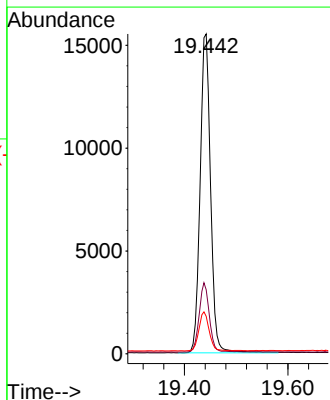
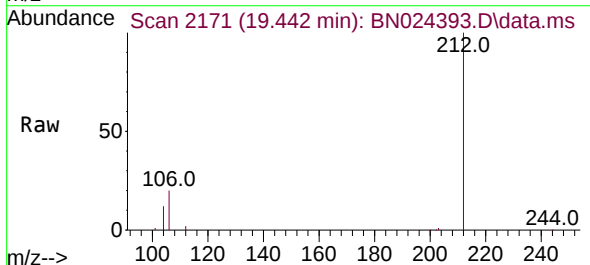
Manual Integrations
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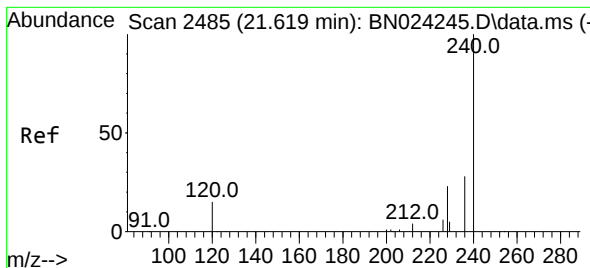
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Tgt Ion:212 Resp: 21704
Ion Ratio Lower Upper
212 100
106 21.1 15.4 23.2
104 12.1 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. -0.009 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

Instrument :

BNA_N

ClientSampleId :

RE103D1-20230310

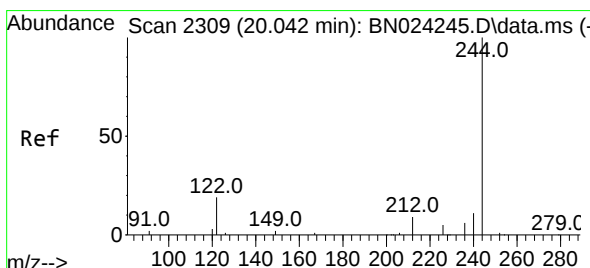
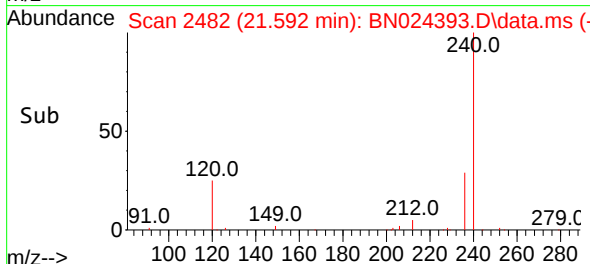
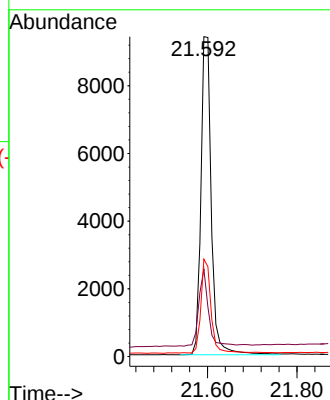
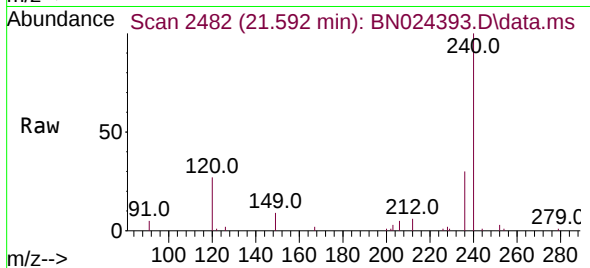
Tgt Ion:240	Resp:	15215
Ion Ratio	Lower	Upper
240	100	
120	27.4	12.8 19.2
236	30.4	22.5 33.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023



#31

Terphenyl-d14

Concen: 0.505 ng

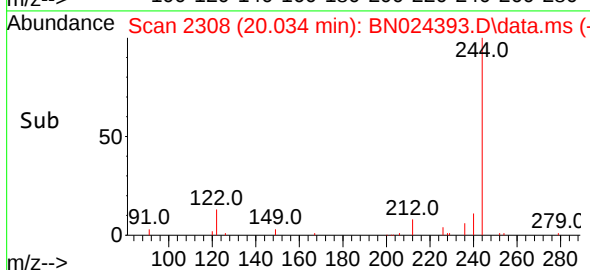
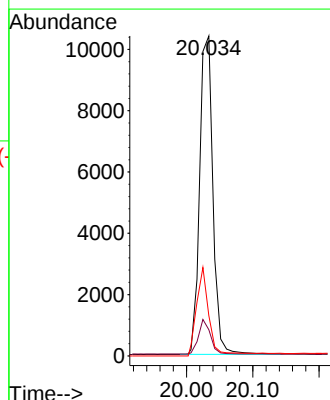
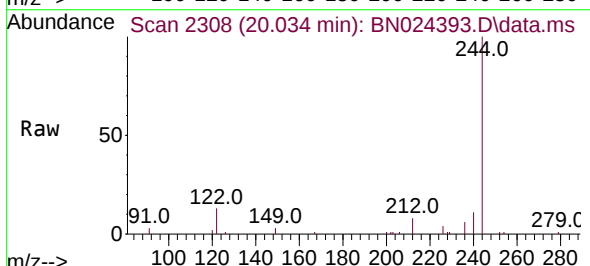
RT: 20.034 min Scan# 2308

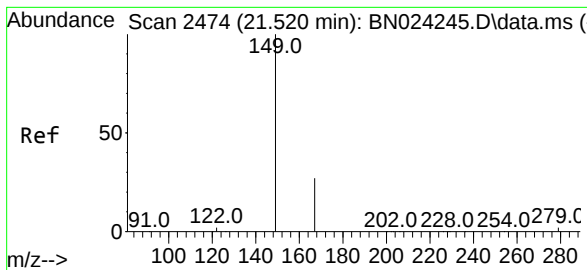
Delta R.T. 0.000 min

Lab File: BN024393.D

Acq: 18 Mar 2023 23:32

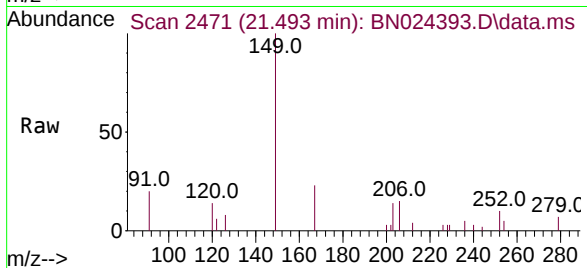
Tgt Ion:244	Resp:	12944
Ion Ratio	Lower	Upper
244	100	
212	8.2	7.6 11.4
122	12.6	15.1 22.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.493 min Scan# 2471
Delta R.T. -0.009 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

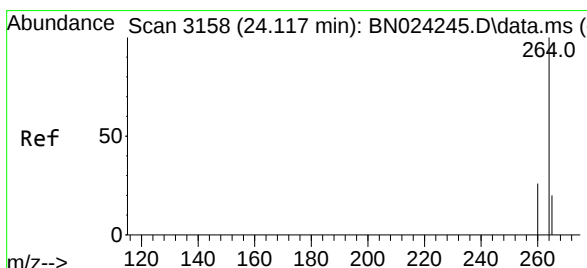
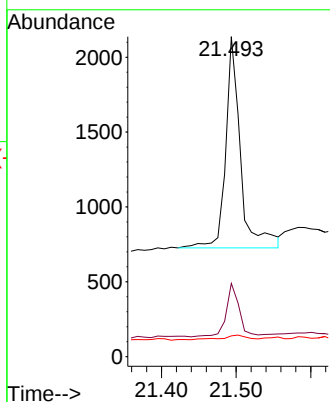
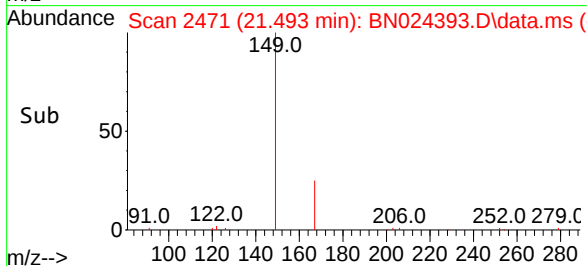
Instrument :
BNA_N
ClientSampleId :
RE103D1-20230310



Tgt Ion:149 Resp: 1943
Ion Ratio Lower Upper
149 100
167 22.3 21.2 31.8
279 3.1 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: 24.100 min Scan# 3152
Delta R.T. 0.003 min
Lab File: BN024393.D
Acq: 18 Mar 2023 23:32

Tgt Ion:264 Resp: 10390
Ion Ratio Lower Upper
264 100
260 28.8 21.4 32.2
265 76.0 35.7 53.5

