

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024363.D
 Acq On : 18 Mar 2023 01:36
 Operator : CG/JU
 Sample : 01879-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230308

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 02:16:11 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	10160	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30526	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	14471	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29459	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	20549	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	14154	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2879	0.128	ng	0.00
5) Phenol-d6	7.188	99	2096	0.073	ng	0.00
8) Nitrobenzene-d5	9.201	82	7549m	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	13148	0.350	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2091	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	23377	0.428	ng	-0.01
27) Fluoranthene-d10	19.442	212	27108	0.434	ng	0.00
31) Terphenyl-d14	20.034	244	17549	0.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	46857	4.238	ng	# 94
6) bis(2-Chloroethyl)ether	7.455	93	712	0.025	ng	92
34) Bis(2-ethylhexyl)phtha...	21.494	149	3994	0.124	ng	95

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

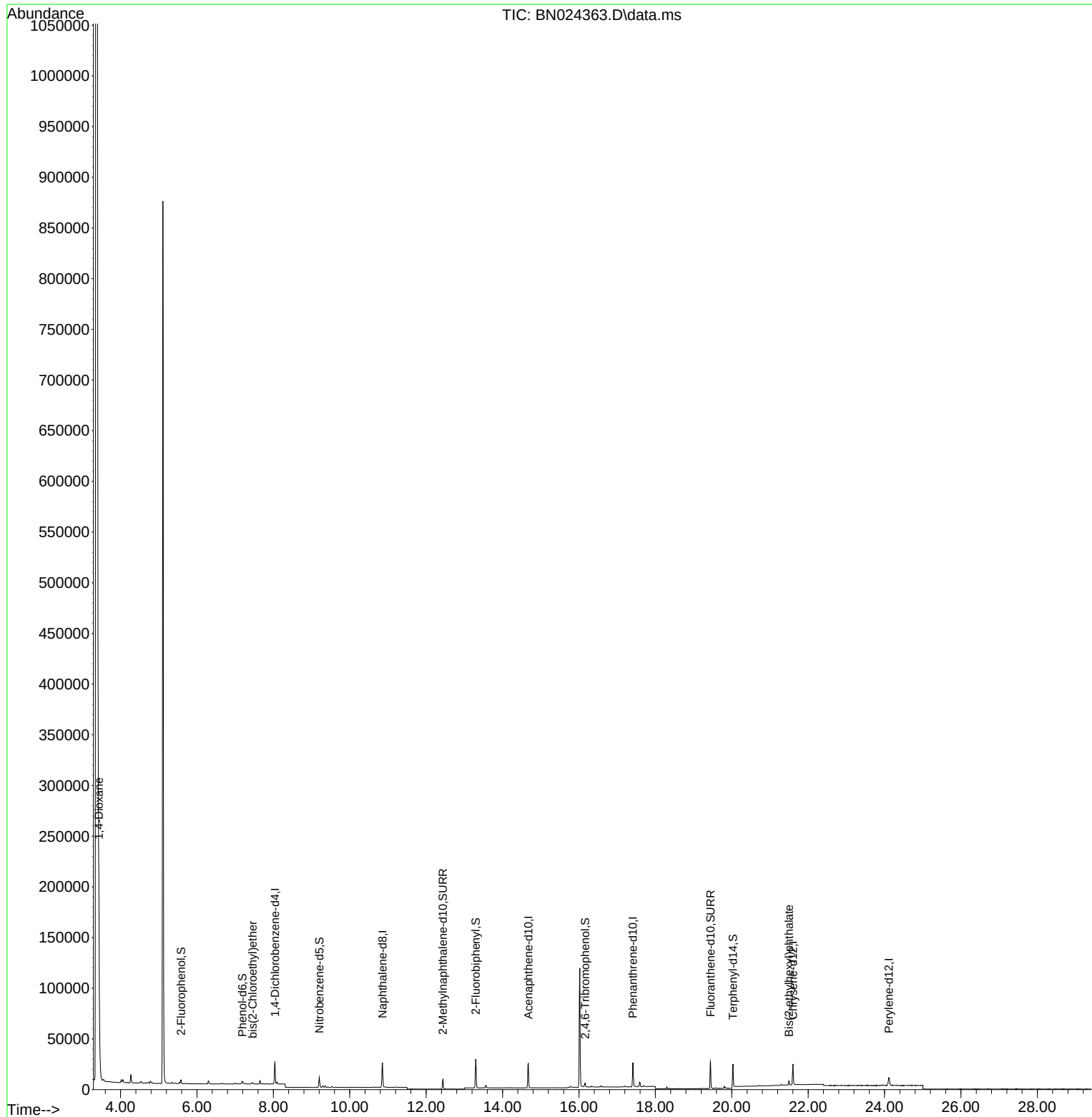
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024363.D
Acq On : 18 Mar 2023 01:36
Operator : CG/JU
Sample : 01879-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

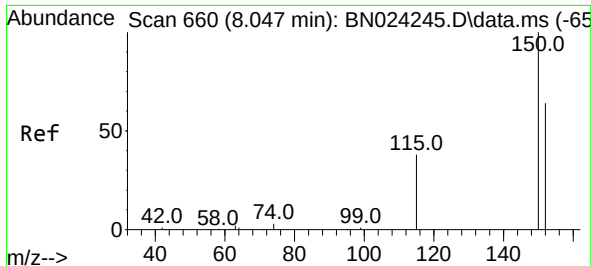
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

Quant Time: Mar 18 02:16:11 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
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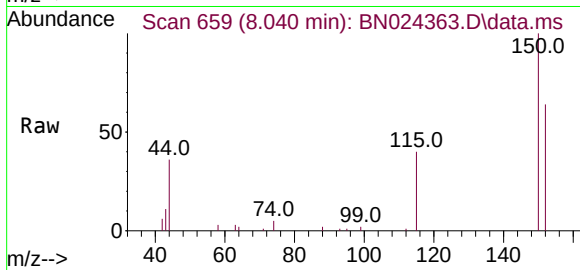
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

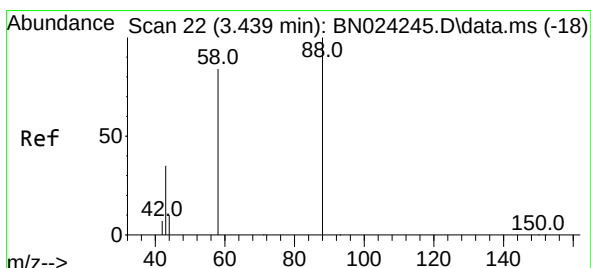
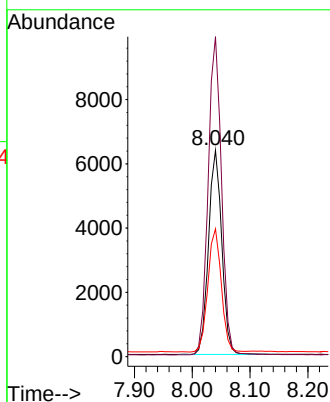
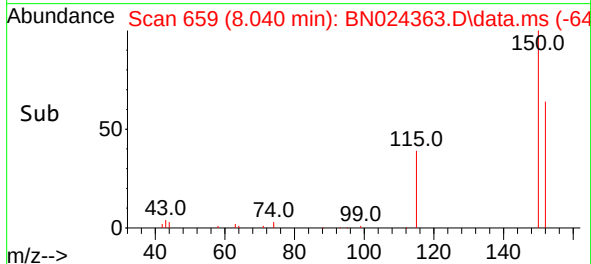
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308



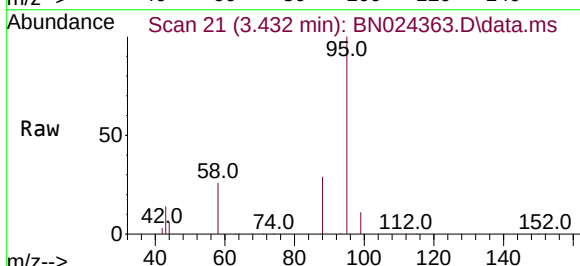
Tgt Ion: 152 Resp: 10160
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 61.9 49.1 73.7

Manual Integrations
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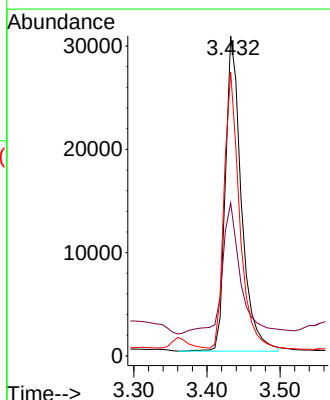
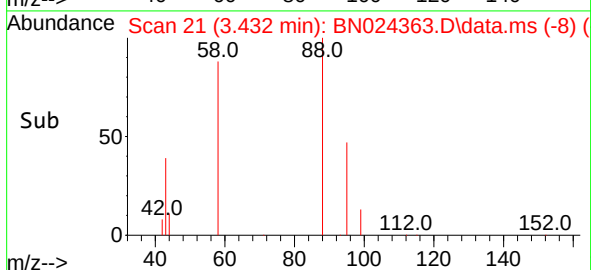
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Supervised By :Jagrut Upadhyay 03/20/2023

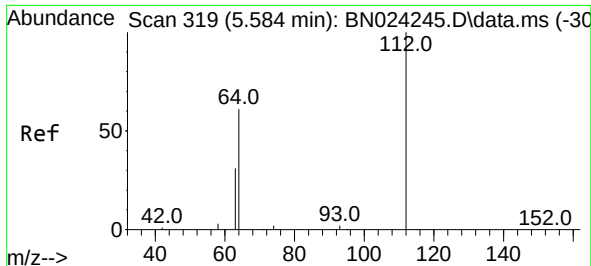


#2
1,4-Dioxane
Concen: 4.238 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36



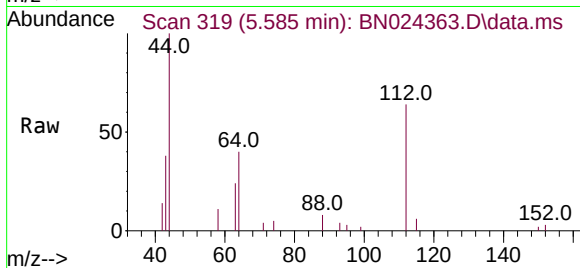
Tgt Ion: 88 Resp: 46857
Ion Ratio Lower Upper
88 100
43 47.3 29.0 43.4#
58 83.8 67.3 100.9





#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

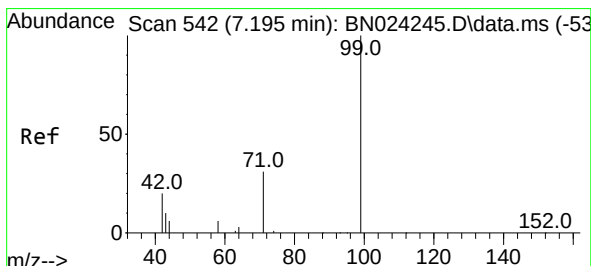
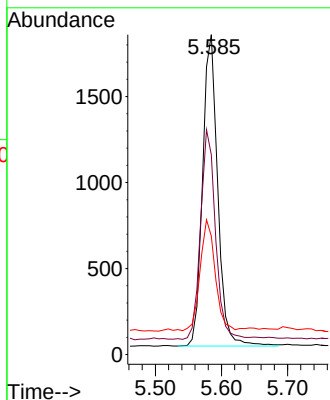
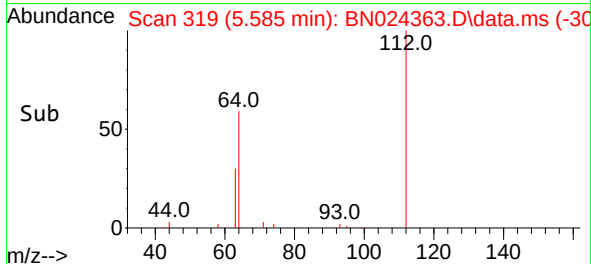
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308



Tgt Ion: 112 Resp: 2879
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.6
63 35.5 25.7 38.5

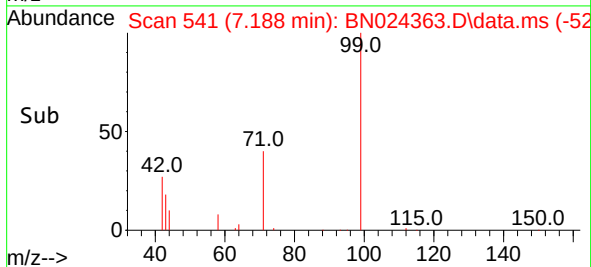
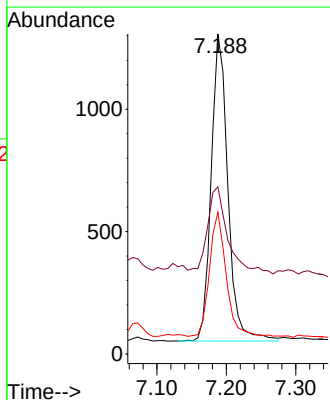
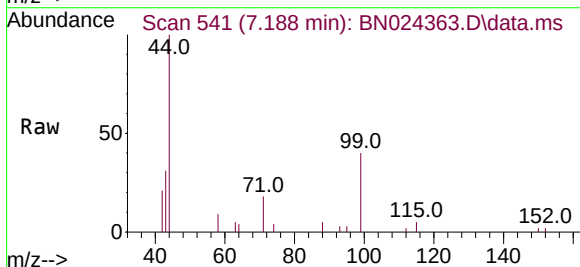
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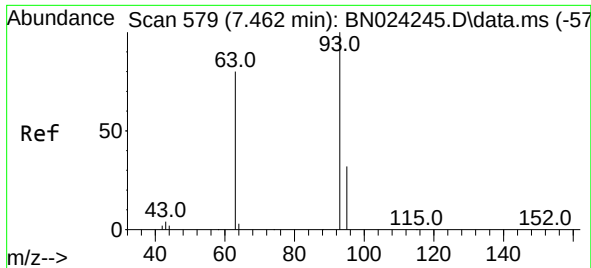
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Tgt Ion: 99 Resp: 2096
Ion Ratio Lower Upper
99 100
42 34.9 20.1 30.1#
71 41.8 25.8 38.8#





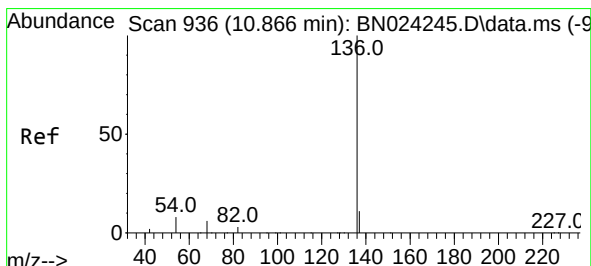
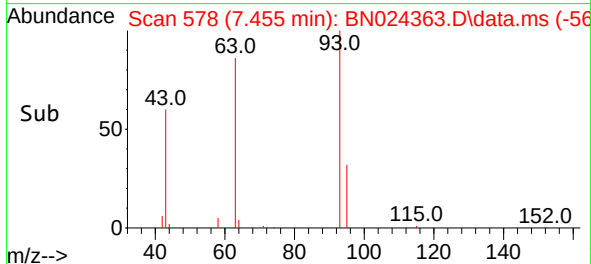
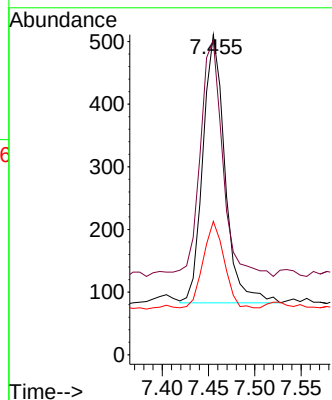
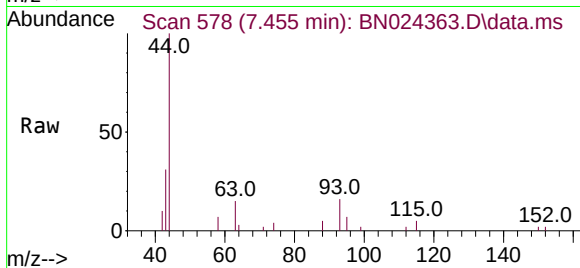
#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

Tgt Ion: 93 Resp: 712
Ion Ratio Lower Upper
93 100
63 91.4 65.4 98.2
95 32.7 25.8 38.8

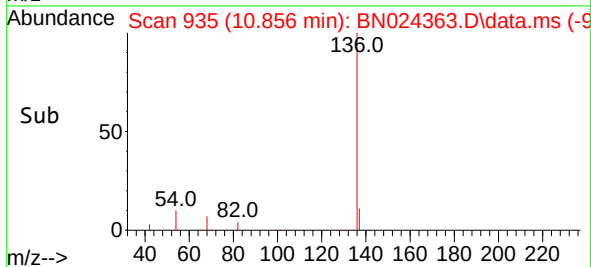
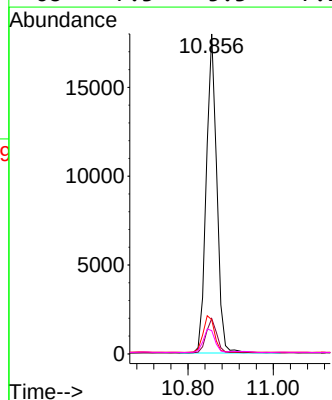
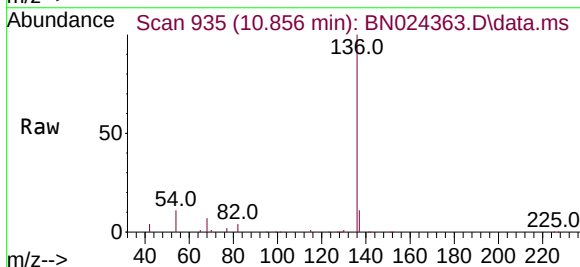
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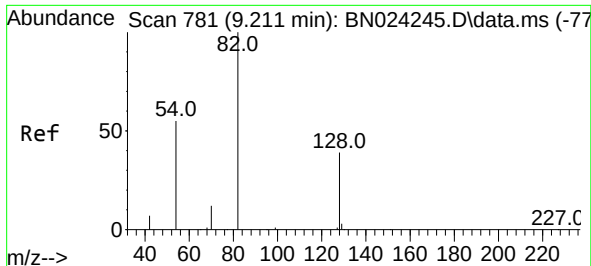
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Tgt Ion:136 Resp: 30526
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.7 7.1 10.7
68 7.3 5.3 7.9





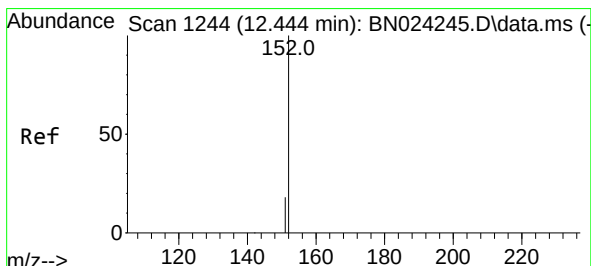
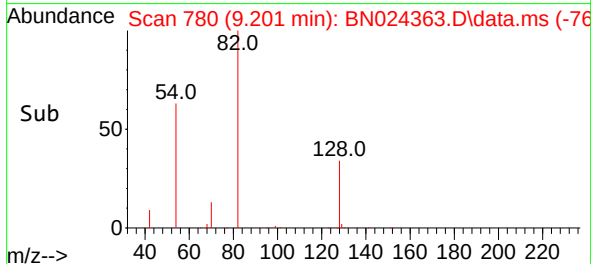
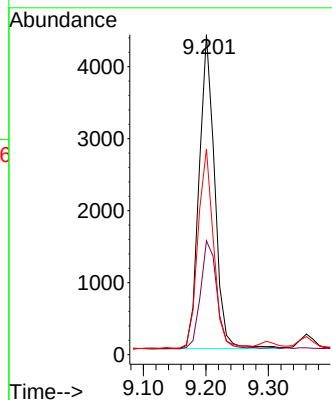
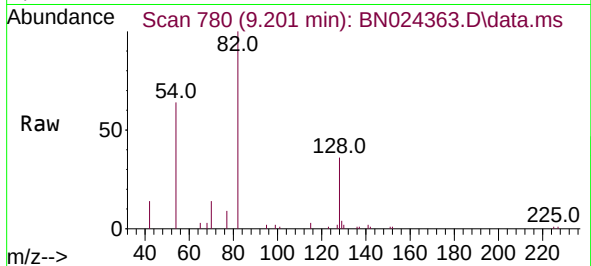
#8
Nitrobenzene-d5
Concen: 0.370 ng m
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308

Tgt Ion: 82 Resp: 7549
Ion Ratio Lower Upper
82 100
128 35.6 32.4 48.6
54 64.3 45.2 67.8

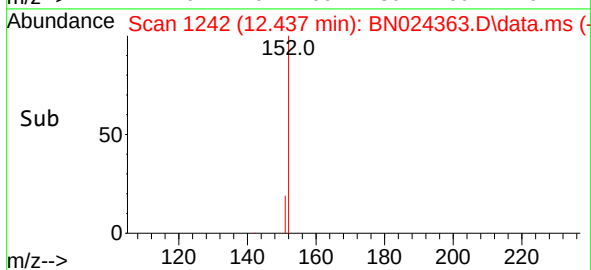
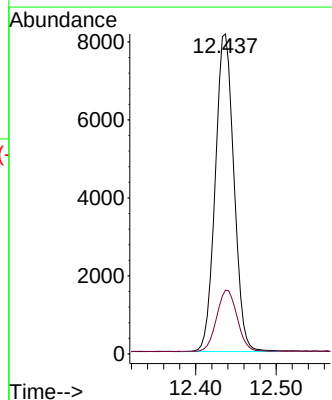
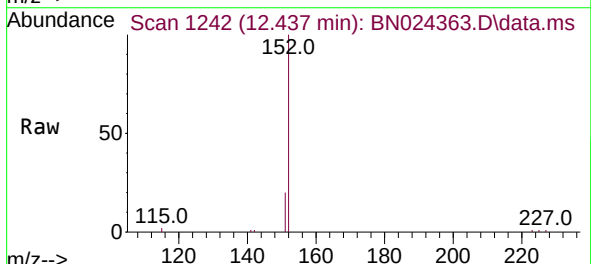
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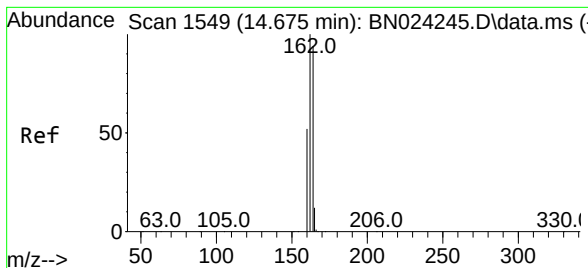
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

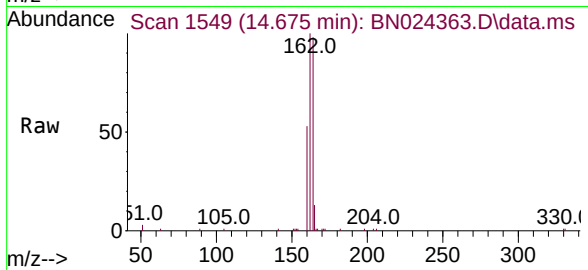
Tgt Ion:152 Resp: 13148
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

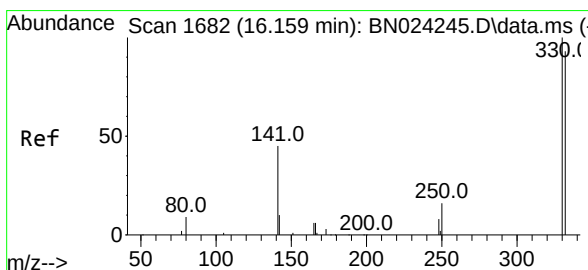
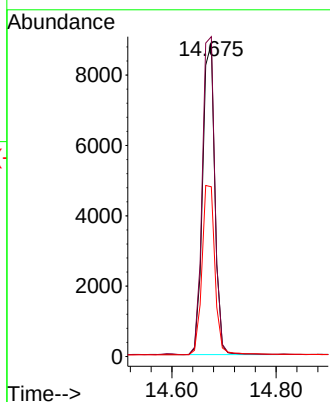
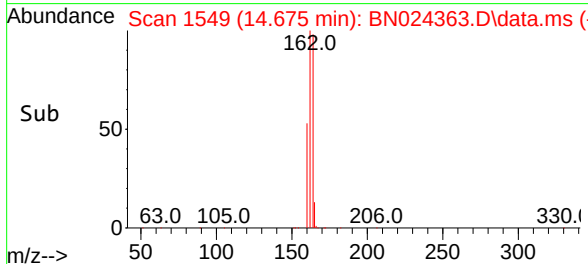
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308



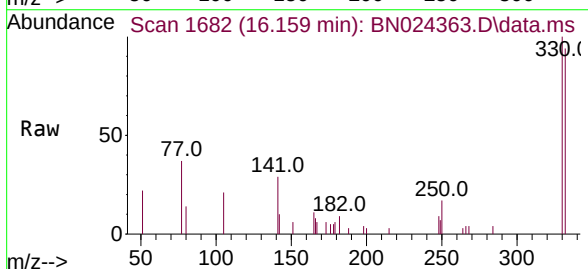
Tgt Ion:164 Resp: 1447
Ion Ratio Lower Upper
164 100
162 102.1 84.7 127.1
160 54.2 44.6 66.8

Manual Integrations
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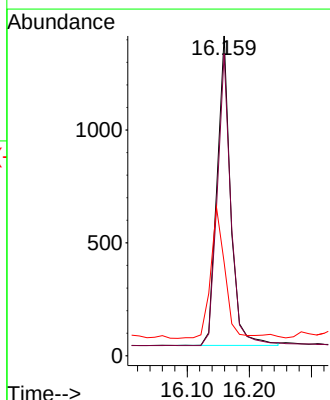
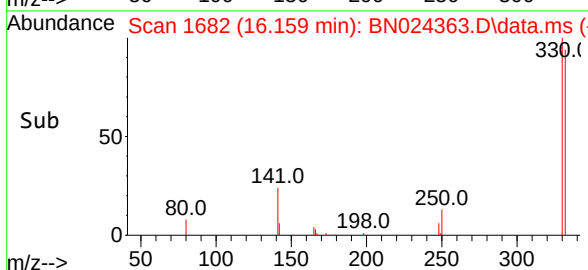
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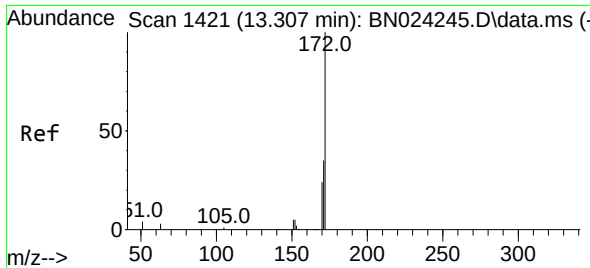


#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36



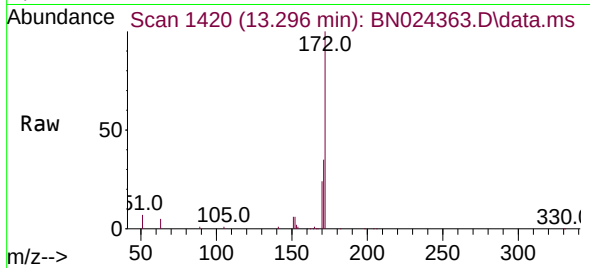
Tgt Ion:330 Resp: 2091
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 44.5 30.8 46.2





#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.296 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

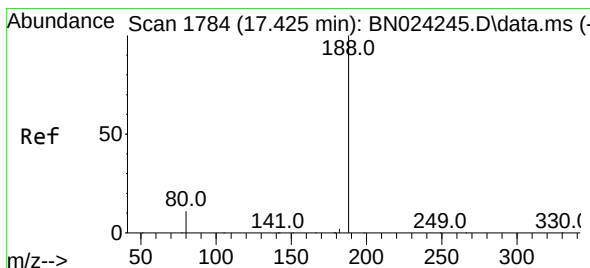
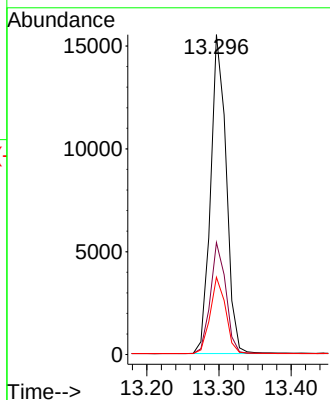
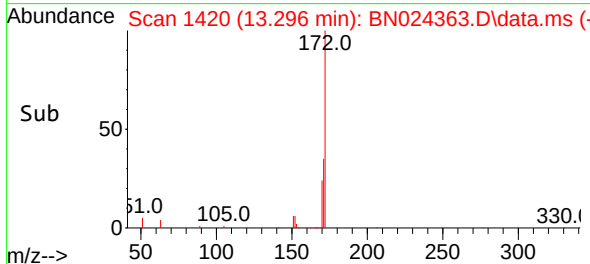
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BNA_N
ClientSampleId :
RE122D2-20230308



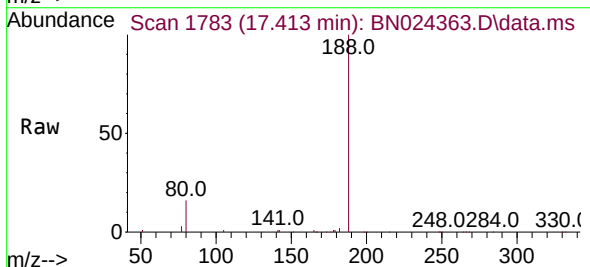
Tgt Ion:172 Resp: 2337
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.2 19.0 28.6

Manual Integrations
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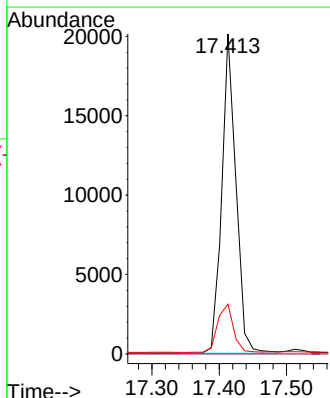
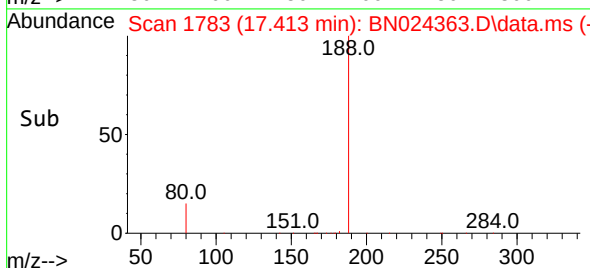
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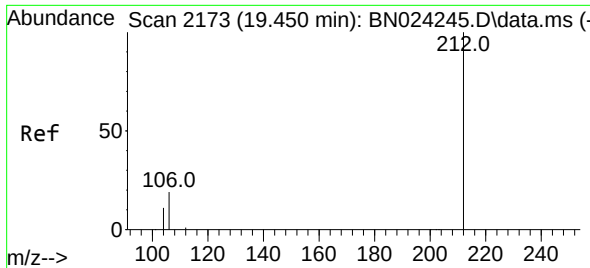


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36



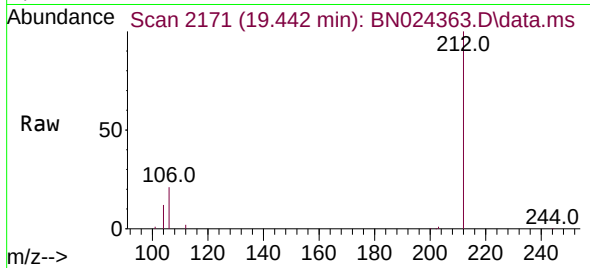
Tgt Ion:188 Resp: 29459
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 8.9 13.3





#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.442 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

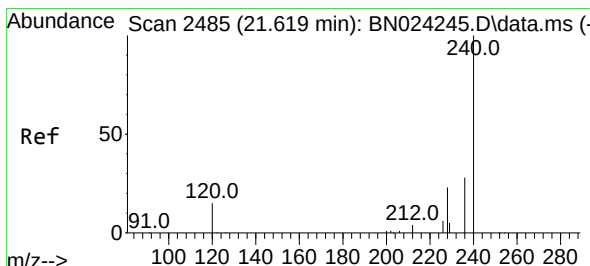
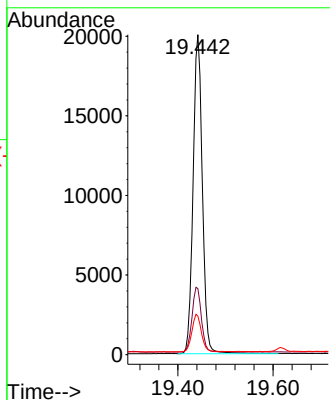
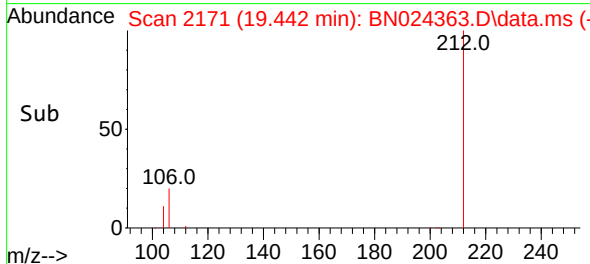
Instrument :
BNA_N
ClientSampleId :
RE122D2-20230308



Tgt Ion:212 Resp: 27108
Ion Ratio Lower Upper
212 100
106 20.6 15.4 23.2
104 12.1 8.6 13.0

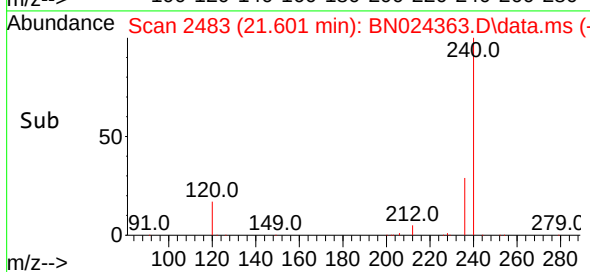
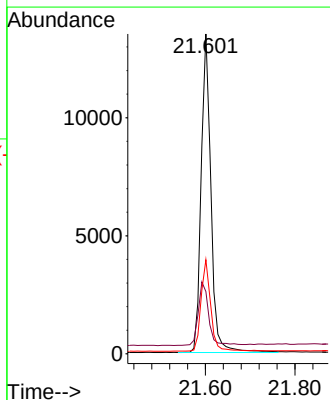
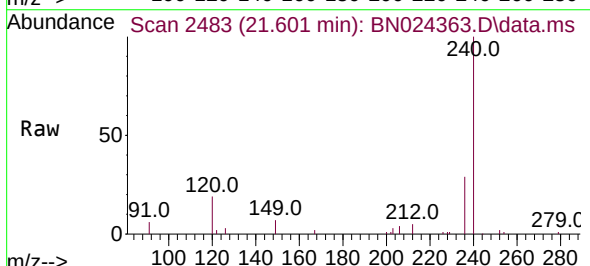
Manual Integrations
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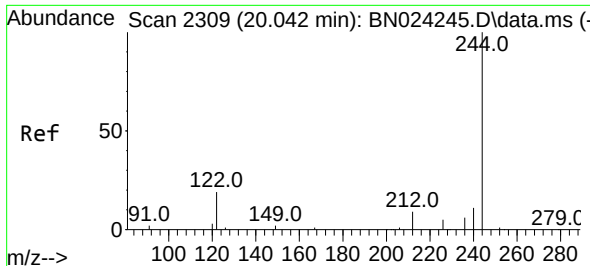
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024363.D
Acq: 18 Mar 2023 01:36

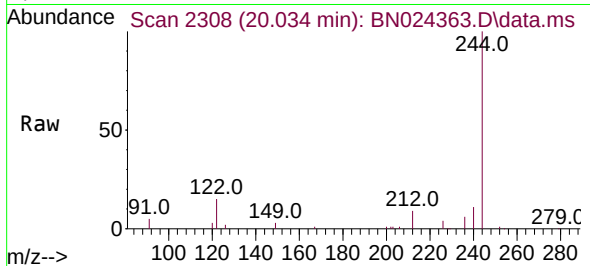
Tgt Ion:240 Resp: 20549
Ion Ratio Lower Upper
240 100
120 19.4 12.8 19.2#
236 29.4 22.5 33.7





#31
 Terphenyl-d14
 Concen: 0.507 ng
 RT: 20.034 min Scan# 2309
 Delta R.T. 0.000 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

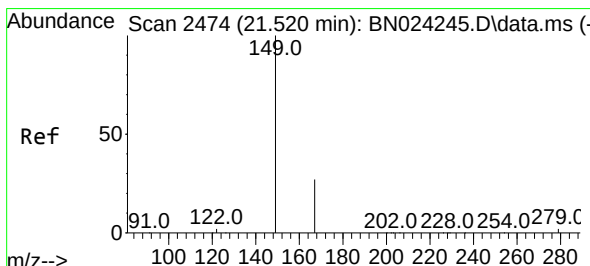
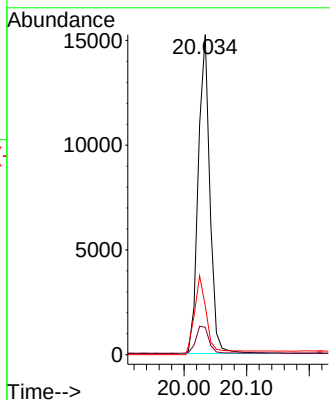
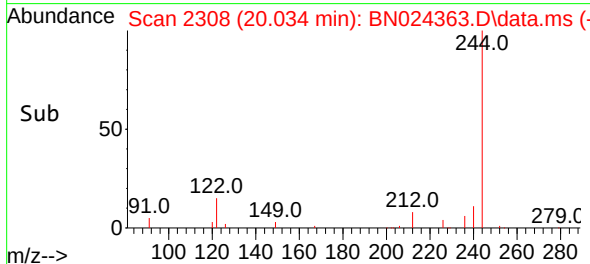
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20230308



Tgt Ion:244 Resp: 17549
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.6 11.4
 122 15.2 15.1 22.7

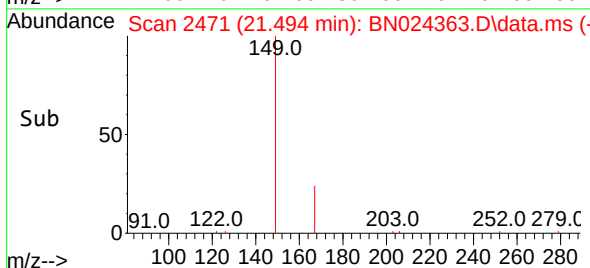
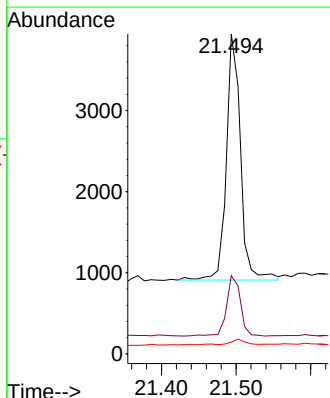
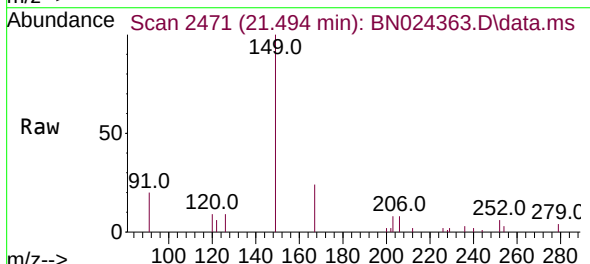
Manual Integrations
 APPROVED

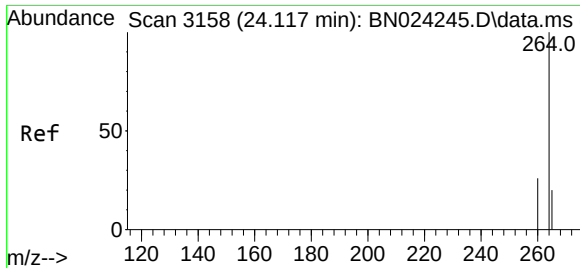
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.494 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024363.D
 Acq: 18 Mar 2023 01:36

Tgt Ion:149 Resp: 3994
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.2 31.8
 279 2.7 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: BN024363.D

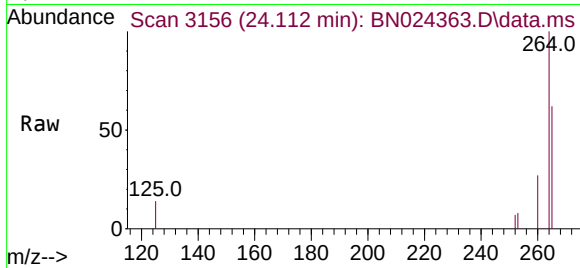
Acq: 18 Mar 2023 01:36

Instrument :

BNA_N

ClientSampleId :

RE122D2-20230308



Tgt Ion:264 Resp: 14154

Ion Ratio Lower Upper

264 100

260 27.3 21.4 32.2

265 62.3 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023

Supervised By :Jagrut Upadhyay 03/20/2023

