

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024457.D
 Acq On : 21 Mar 2023 21:56
 Operator : CG/JU
 Sample : 01880-14DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230310DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 04:16:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	10049	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	28974	0.400	ng	0.00
13) Acenaphthene-d10	14.664	164	14725	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	30645	0.400	ng	0.00
29) Chrysene-d12	21.601	240	22364	0.400	ng	0.00
35) Perylene-d12	24.085	264	19068	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	1543	0.069	ng	0.00
5) Phenol-d6	7.187	99	1138	0.040	ng	0.00
8) Nitrobenzene-d5	9.200	82	3233m	0.167	ng	0.01
11) 2-Methylnaphthalene-d10	12.429	152	5452	0.153	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	974	0.129	ng	0.01
15) 2-Fluorobiphenyl	13.296	172	8987	0.162	ng	0.00
27) Fluoranthene-d10	19.437	212	11054	0.170	ng	0.00
31) Terphenyl-d14	20.024	244	6583	0.175	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	28733	2.628	ng	98
34) Bis(2-ethylhexyl)phtha...	21.493	149	1848	0.053	ng	# 100

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

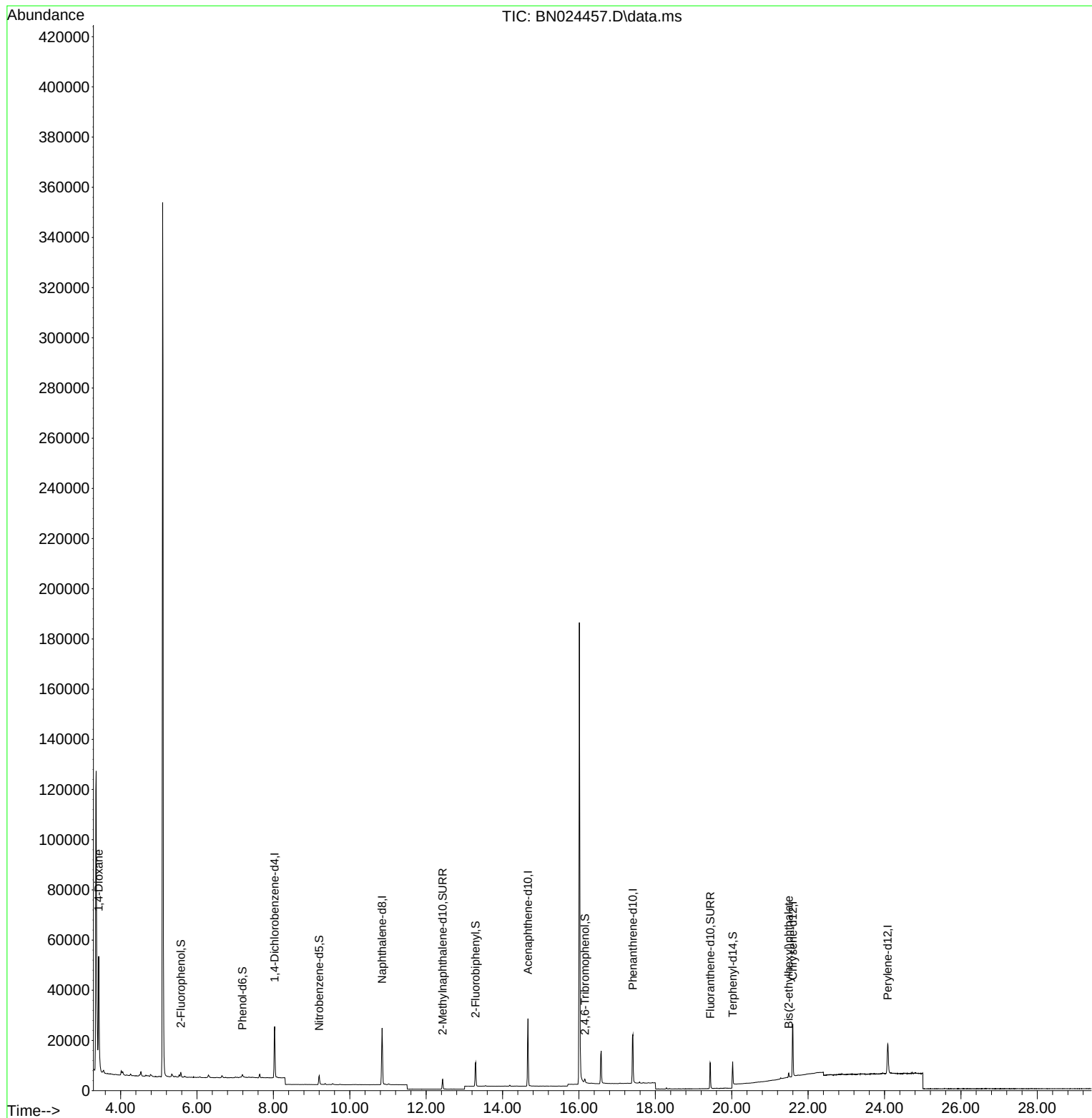
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
Data File : BN024457.D
Acq On : 21 Mar 2023 21:56
Operator : CG/JU
Sample : 01880-14DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

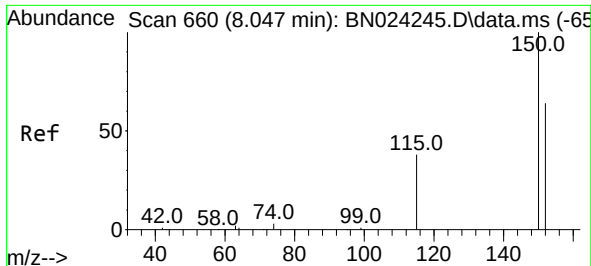
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL

Quant Time: Mar 22 04:16:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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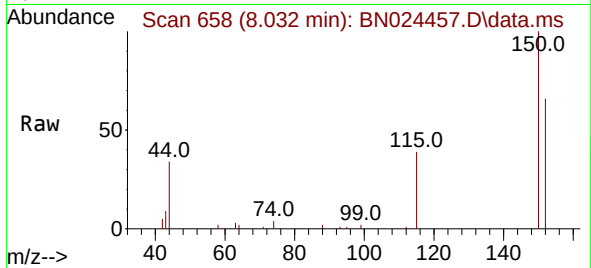
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.032 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN024457.D
 Acq: 21 Mar 2023 21:56

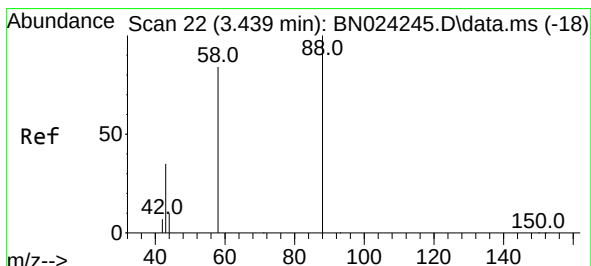
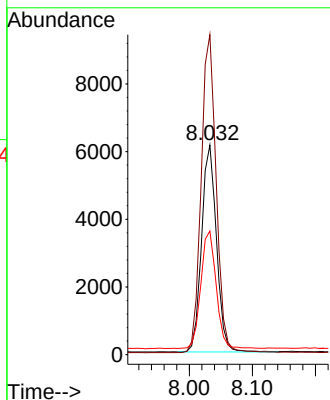
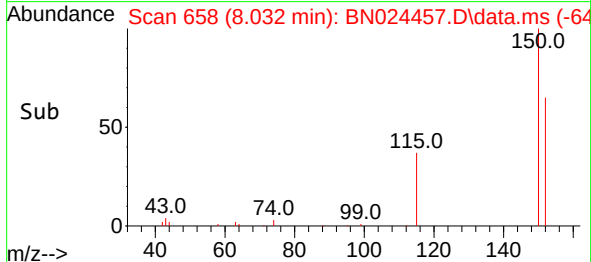
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230310DL



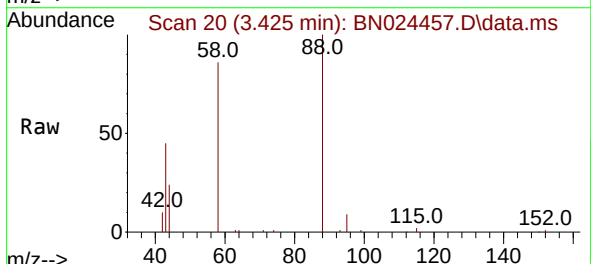
Tgt Ion: 152 Resp: 10049
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.7 187.1
 115 59.0 49.1 73.7

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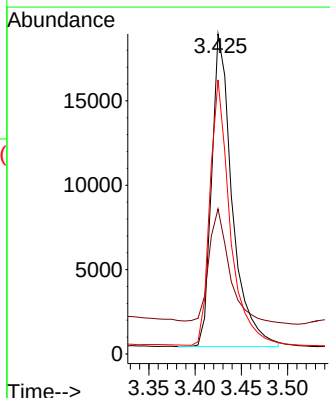
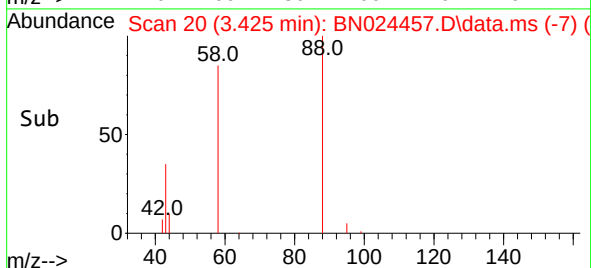
Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023

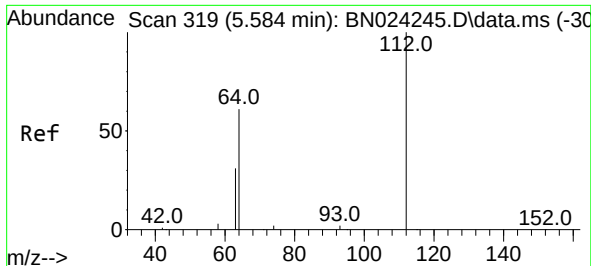


#2
 1,4-Dioxane
 Concen: 2.628 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024457.D
 Acq: 21 Mar 2023 21:56



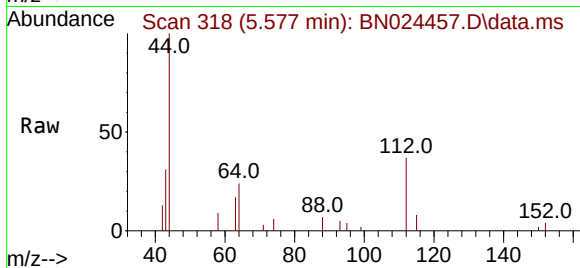
Tgt Ion: 88 Resp: 28733
 Ion Ratio Lower Upper
 88 100
 43 35.9 29.0 43.4
 58 82.3 67.3 100.9





#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.577 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

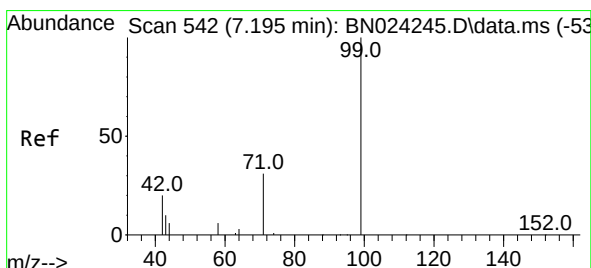
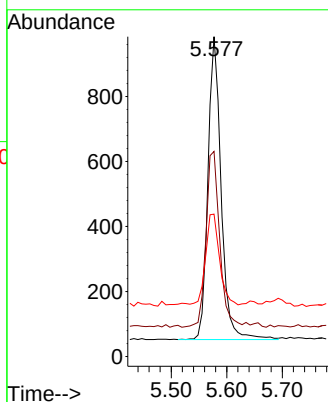
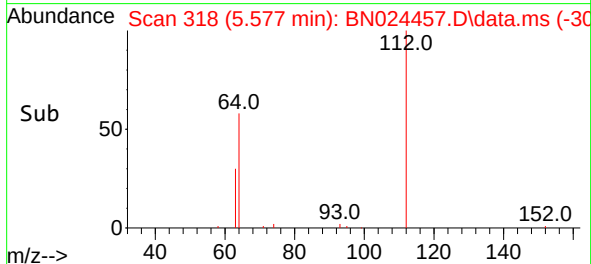
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL



Tgt Ion: 112 Resp: 154
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.6
63 31.2 25.7 38.5

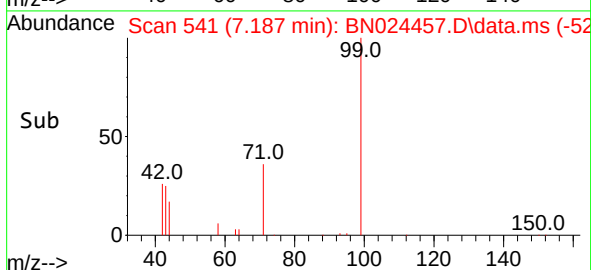
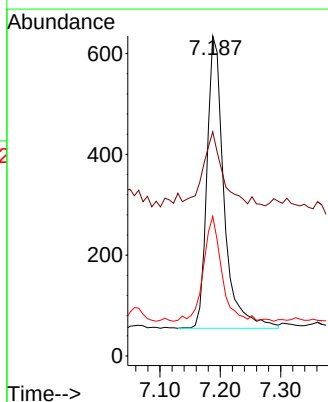
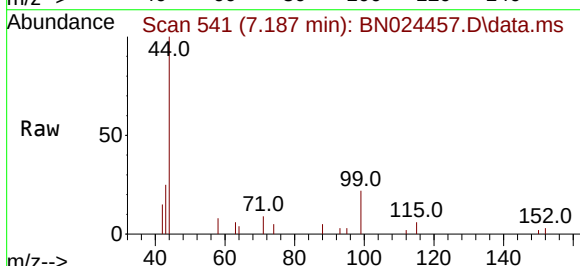
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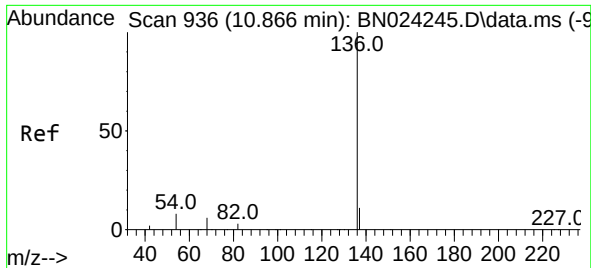
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.187 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

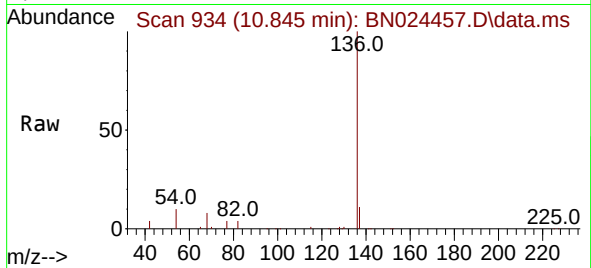
Tgt Ion: 99 Resp: 1138
Ion Ratio Lower Upper
99 100
42 27.2 20.1 30.1
71 38.4 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

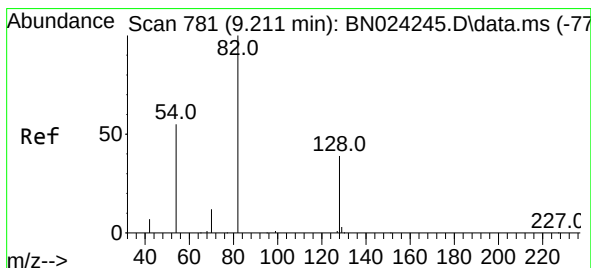
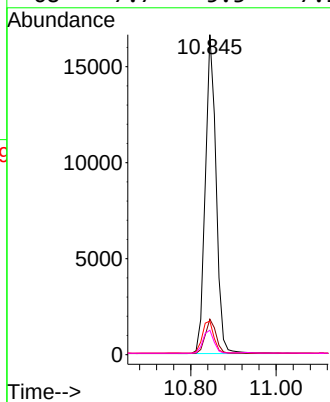
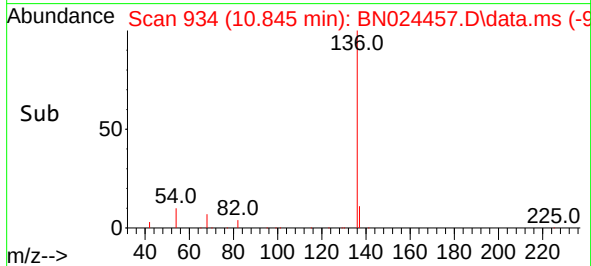
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL



Tgt Ion:136 Resp: 28974
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.5 7.1 10.7
68 7.7 5.3 7.9

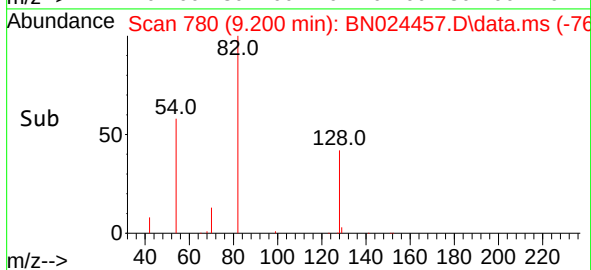
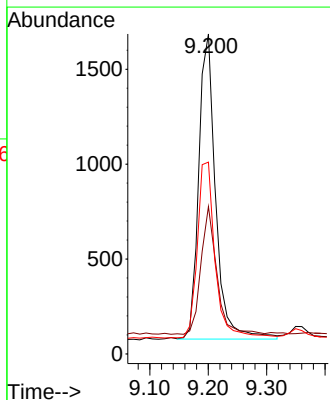
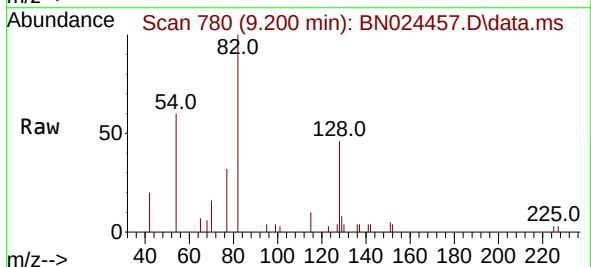
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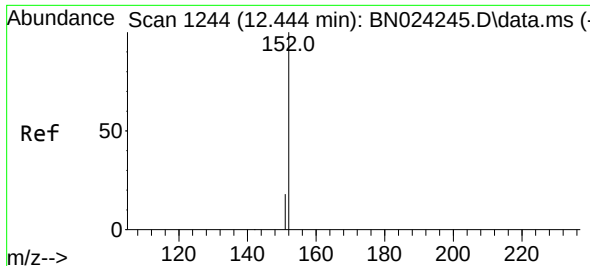
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#8
Nitrobenzene-d5
Concen: 0.167 ng m
RT: 9.200 min Scan# 780
Delta R.T. 0.010 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

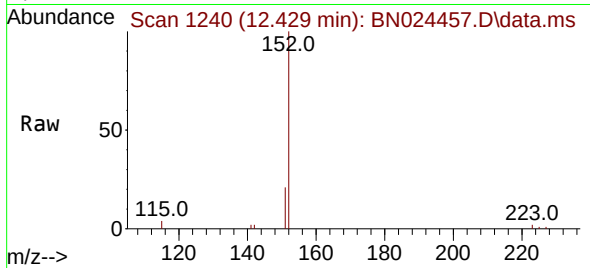
Tgt Ion: 82 Resp: 3233
Ion Ratio Lower Upper
82 100
128 46.0 32.4 48.6
54 60.0 45.2 67.8





#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.429 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

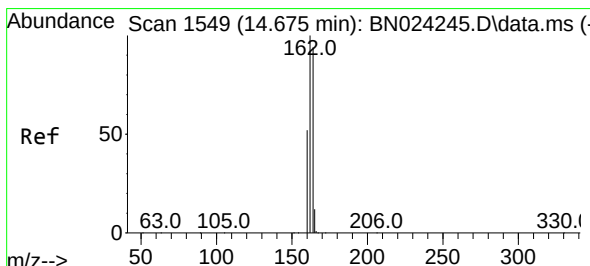
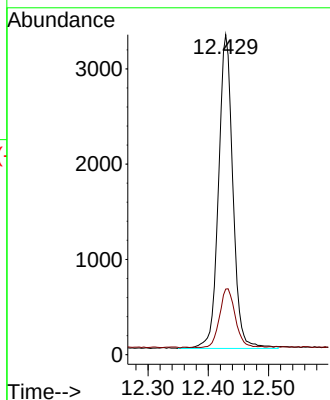
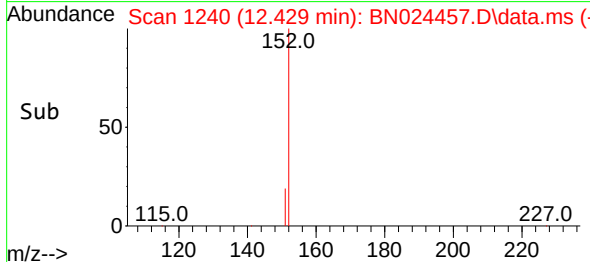
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BNA_N
ClientSampleId :
RE125D1-20230310DL



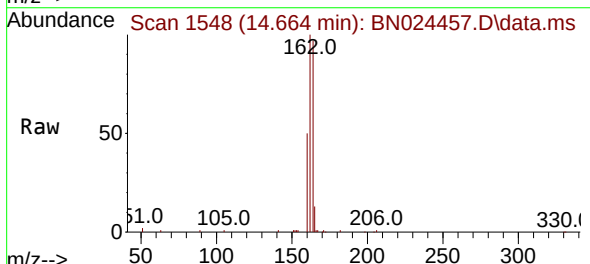
Tgt Ion:152 Resp: 5452
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2

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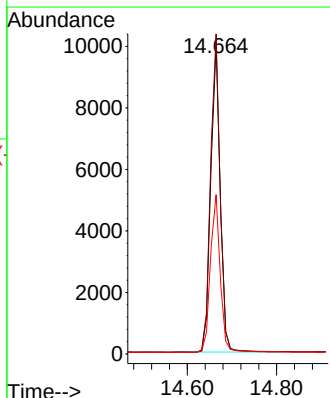
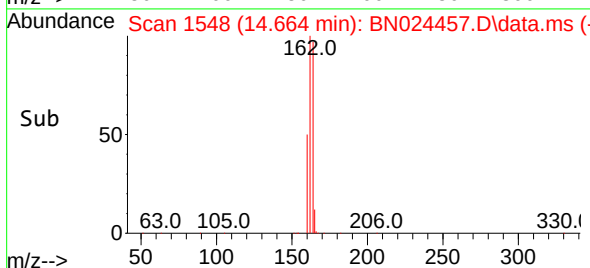
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

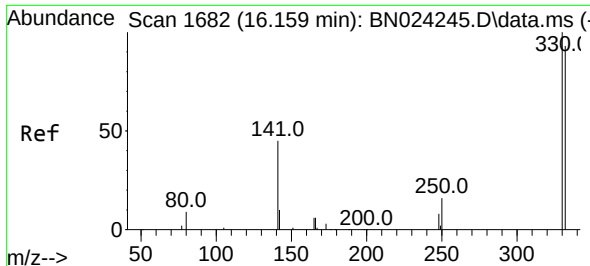


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.664 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56



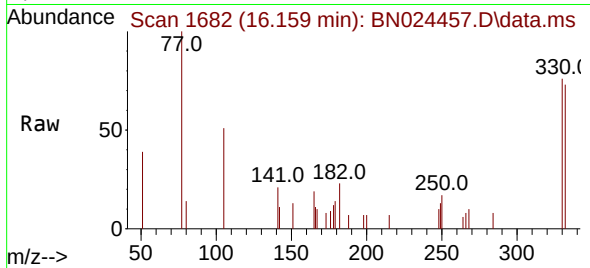
Tgt Ion:164 Resp: 14725
Ion Ratio Lower Upper
164 100
162 103.5 84.7 127.1
160 51.6 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 16.159 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

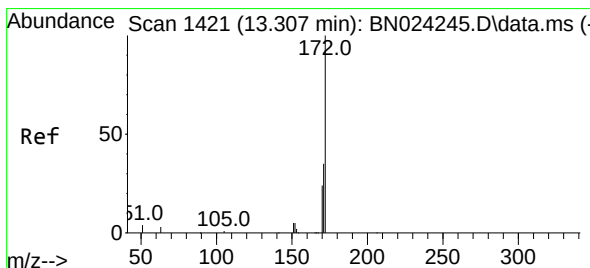
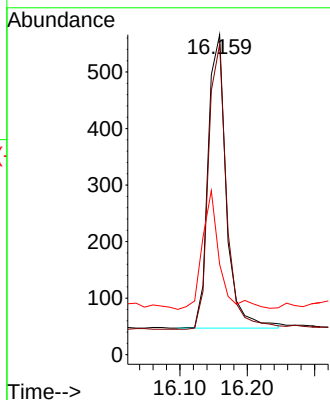
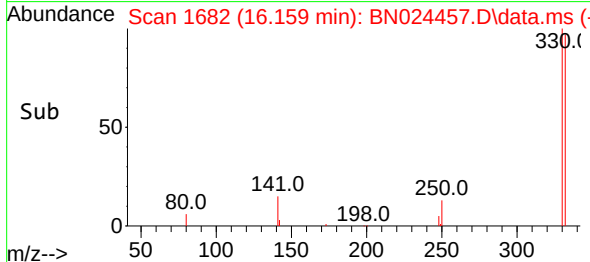
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL



Tgt Ion:330 Resp: 974
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 38.5 30.8 46.2

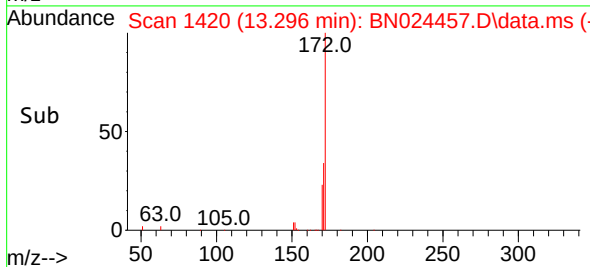
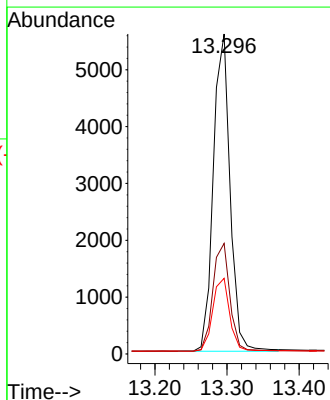
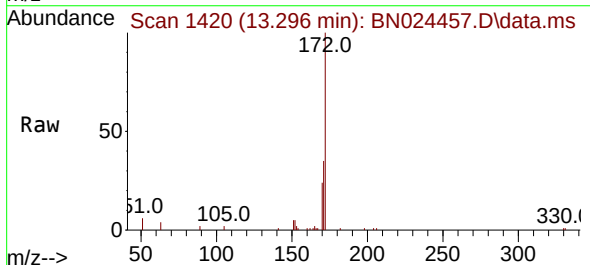
Manual Integrations
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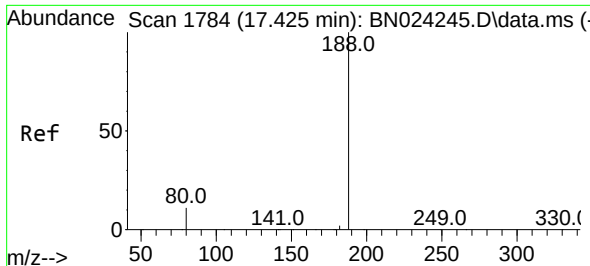
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

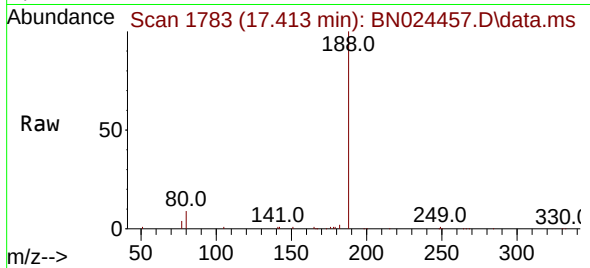
Tgt Ion:172 Resp: 8987
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.7 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

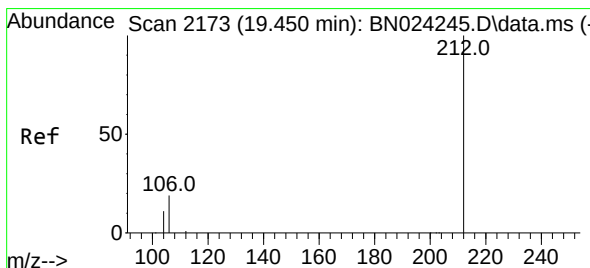
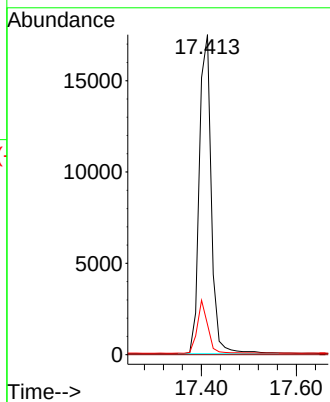
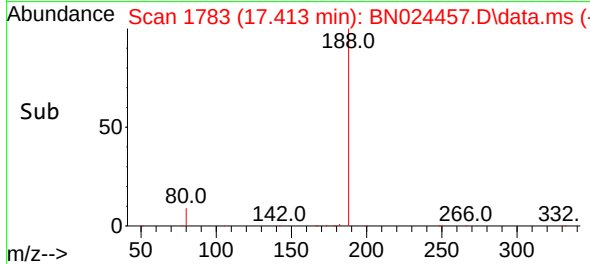
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL



Tgt Ion:188 Resp: 3064
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 9.5 8.9 13.3

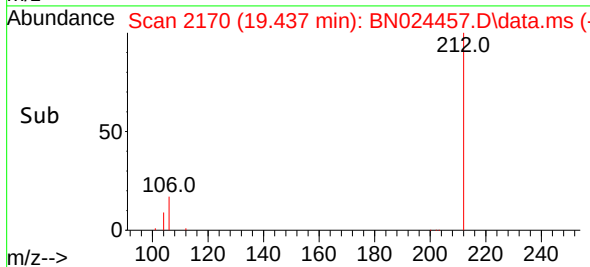
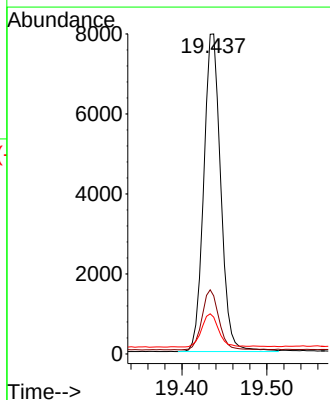
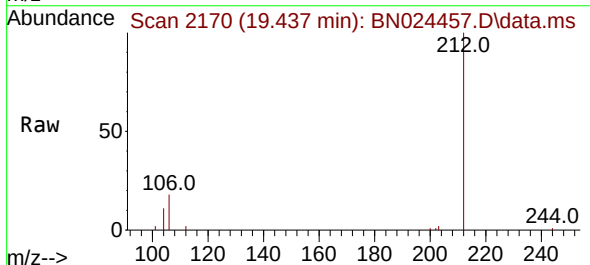
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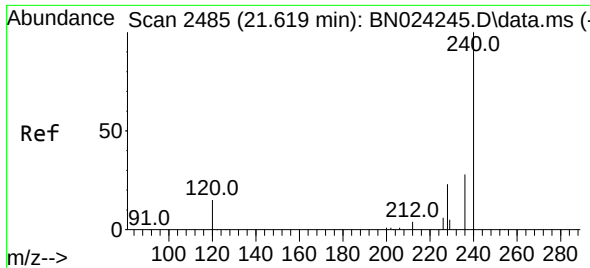
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#27
Fluoranthene-d10
Concen: 0.170 ng
RT: 19.437 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

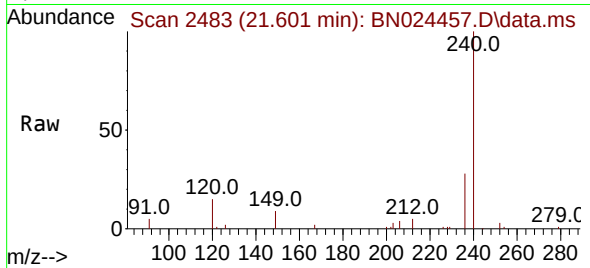
Tgt Ion:212 Resp: 11054
Ion Ratio Lower Upper
212 100
106 18.7 15.4 23.2
104 10.3 8.6 13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.009 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

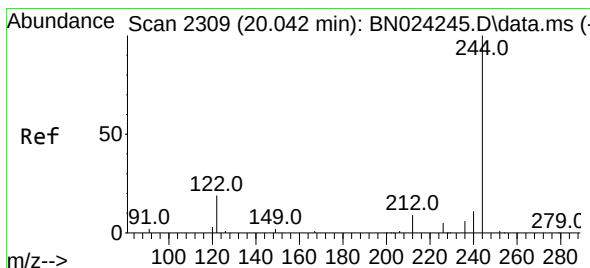
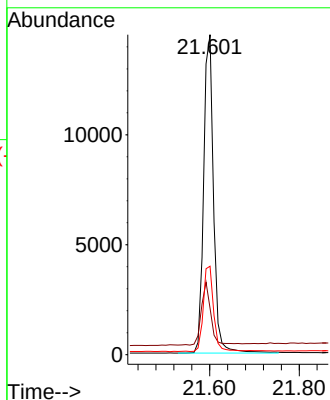
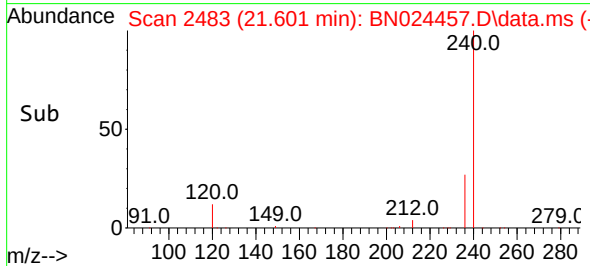
Instrument :
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RE125D1-20230310DL



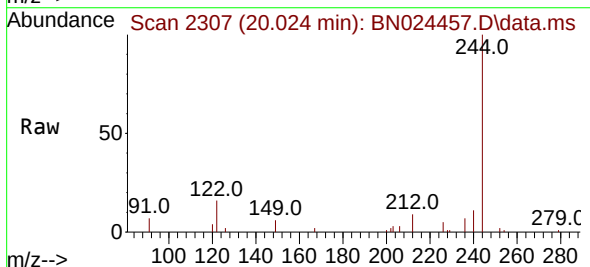
Tgt Ion:240 Resp: 22364
Ion Ratio Lower Upper
240 100
120 14.5 12.8 19.2
236 27.7 22.5 33.7

Manual Integrations
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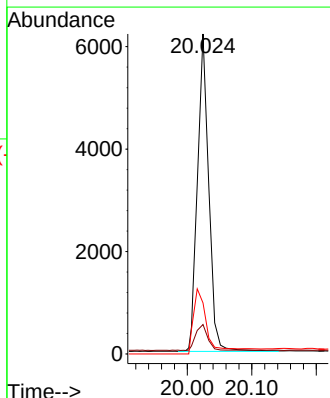
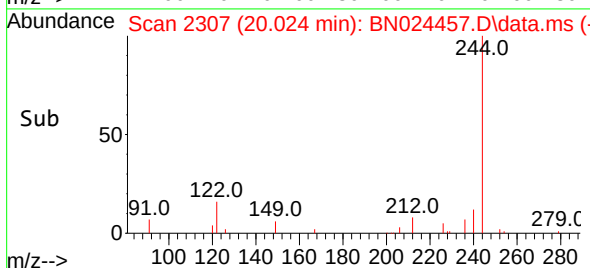
Reviewed By :Christian Giraldo 03/22/2023
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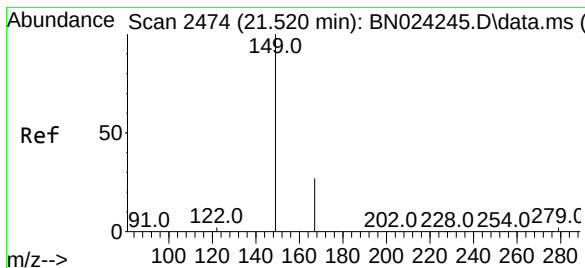


#31
Terphenyl-d14
Concen: 0.175 ng
RT: 20.024 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56



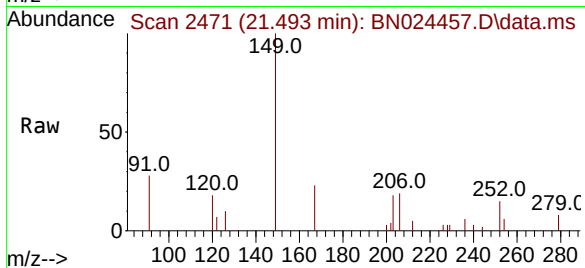
Tgt Ion:244 Resp: 6583
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 15.9 15.1 22.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.493 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

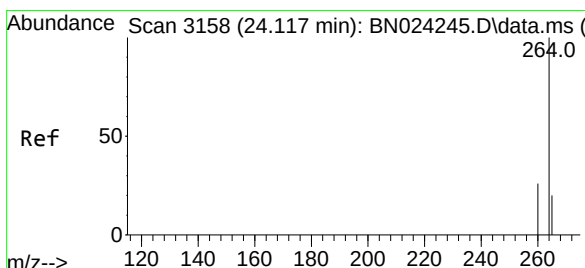
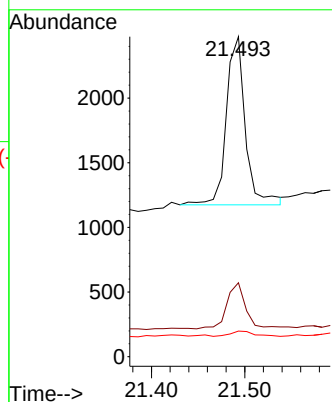
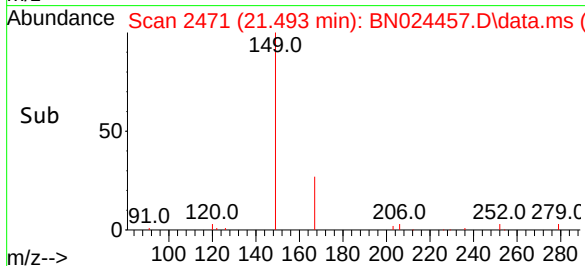
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230310DL



Tgt Ion:149 Resp: 1848
Ion Ratio Lower Upper
149 100
167 26.6 21.2 31.8
279 3.6 1.8 2.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.085 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BN024457.D
Acq: 21 Mar 2023 21:56

Tgt Ion:264 Resp: 19068
Ion Ratio Lower Upper
264 100
260 26.4 21.4 32.2
265 70.1 35.7 53.5

