

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025729.D
 Acq On : 31 May 2023 00:20
 Operator : CG/JU
 Sample : 02912-11DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523DL

Quant Time: May 31 04:49:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6370	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17885	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	11164	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22597	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	14381	0.400	ng	0.00
35) Perylene-d12	24.057	264	12596	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	776	0.048	ng	0.01
5) Phenol-d6	7.218	99	359m	0.018	ng	0.04
8) Nitrobenzene-d5	9.223	82	1735	0.116	ng	0.03
11) 2-Methylnaphthalene-d10	12.430	152	3821	0.150	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	287	0.127	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	6734	0.146	ng	0.00
27) Fluoranthene-d10	19.421	212	9581	0.187	ng	0.00
31) Terphenyl-d14	20.006	244	6875	0.218	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	24384	3.306	ng	Qvalue 100
34) Bis(2-ethylhexyl)phtha...	21.462	149	1472	0.045	ng	# 87

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

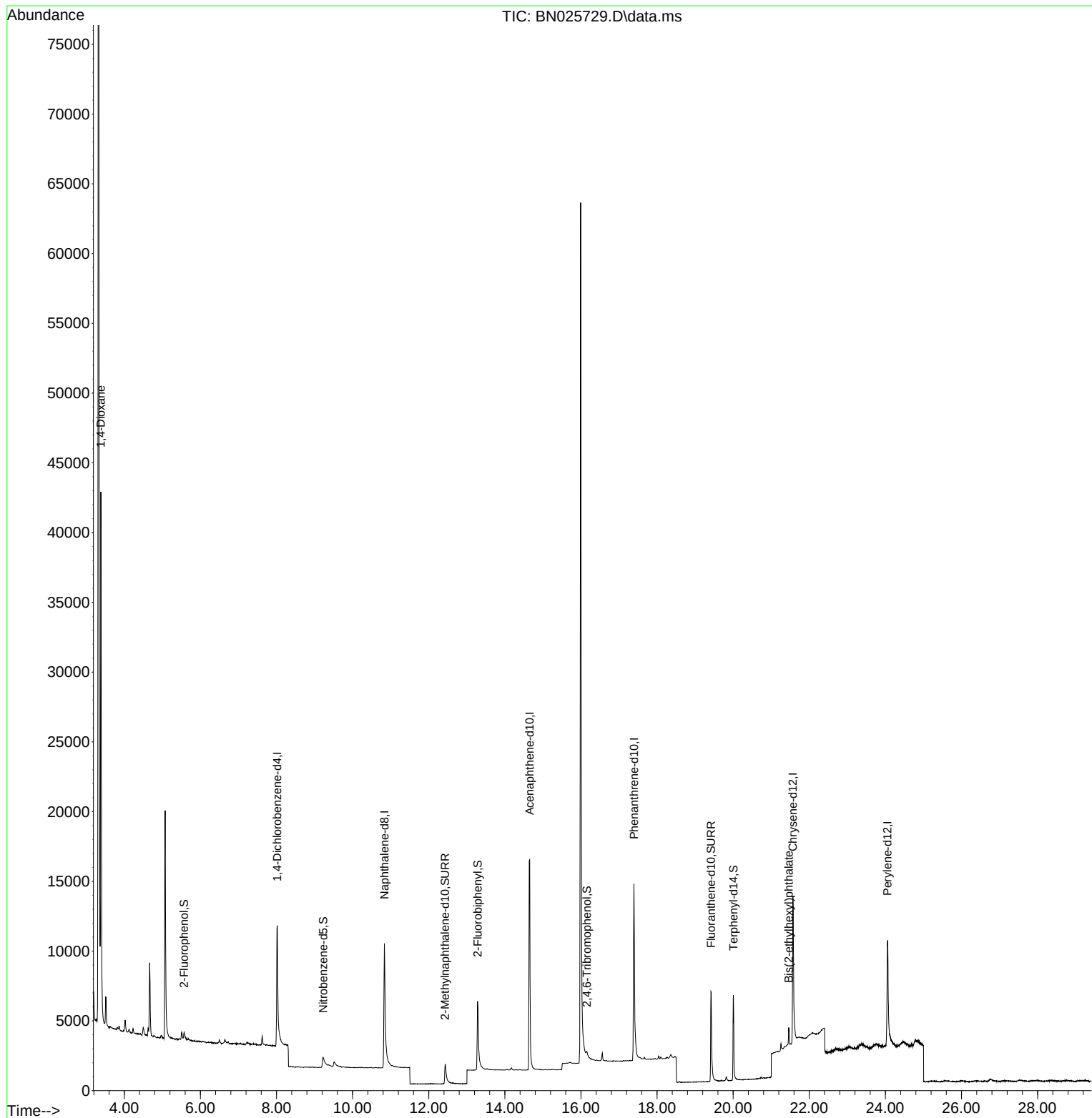
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Data File : BN025729.D
Acq On : 31 May 2023 00:20
Operator : CG/JU
Sample : 02912-11DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

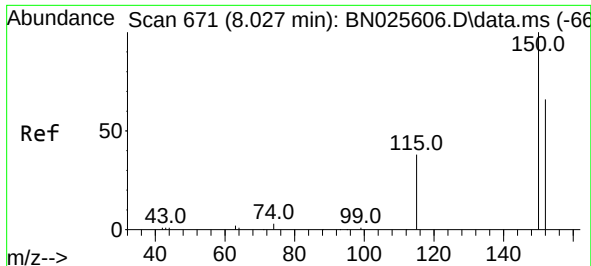
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL

Quant Time: May 31 04:49:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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APPROVED

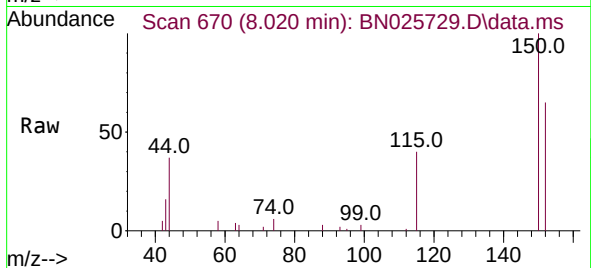
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

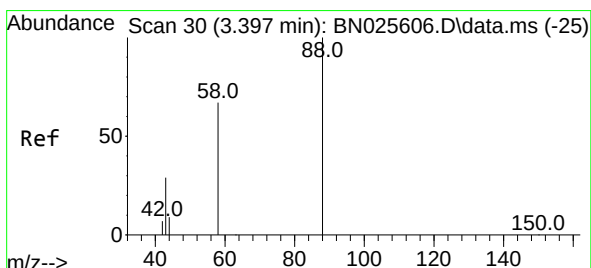
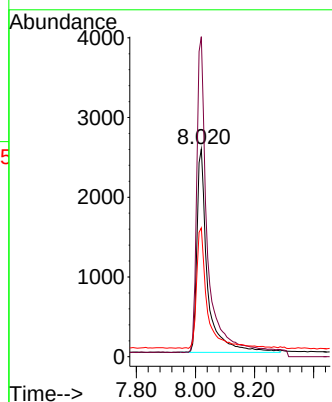
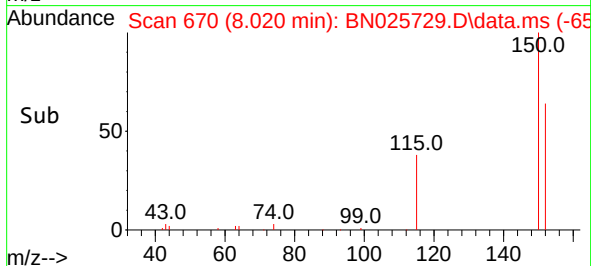
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL



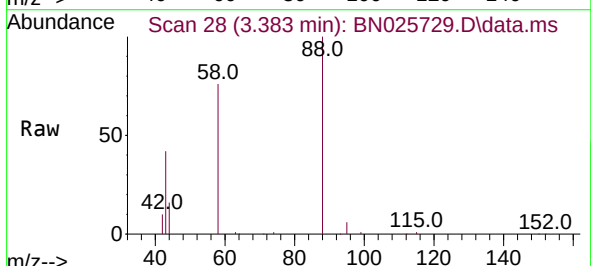
Tgt Ion: 152 Resp: 6370
Ion Ratio Lower Upper
152 100
150 154.1 121.0 181.6
115 62.0 48.5 72.7

Manual Integrations
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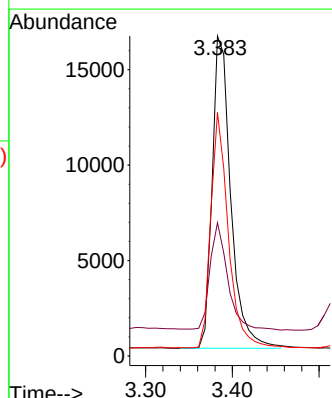
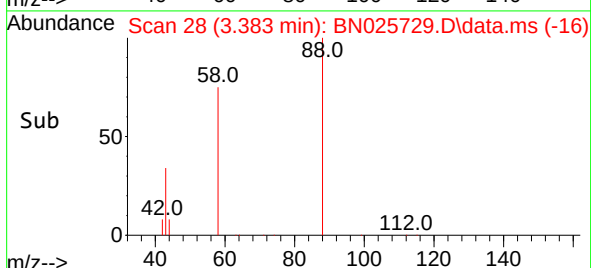
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Jagrut Upadhyay 05/31/2023

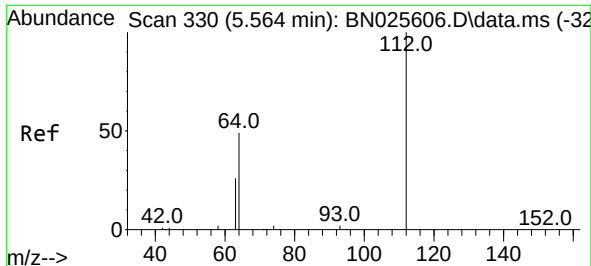


#2
1,4-Dioxane
Concen: 3.306 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.014 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20



Tgt Ion: 88 Resp: 24384
Ion Ratio Lower Upper
88 100
43 32.7 26.5 39.7
58 70.8 56.8 85.2





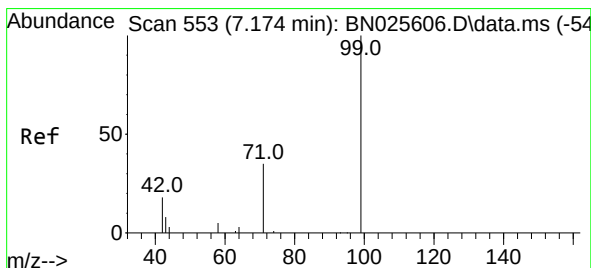
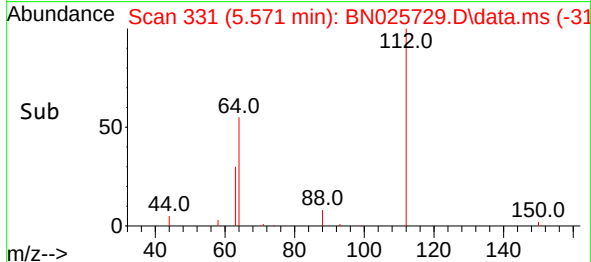
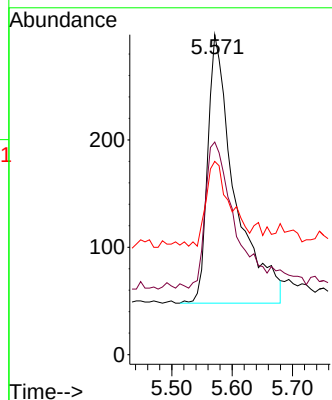
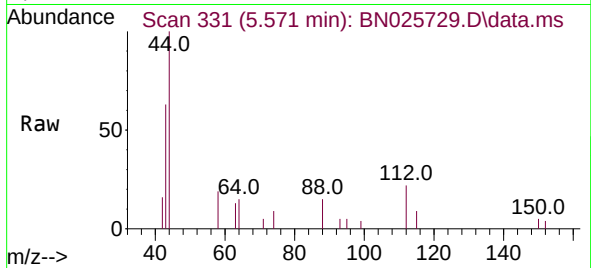
#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.571 min Scan# 311
Delta R.T. 0.015 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL

Tgt Ion:112 Resp: 770
Ion Ratio Lower Upper
112 100
64 57.7 45.7 68.5
63 28.5 26.2 39.2

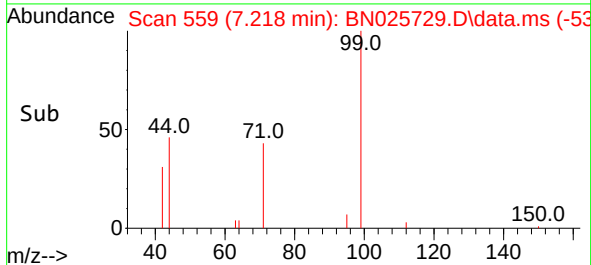
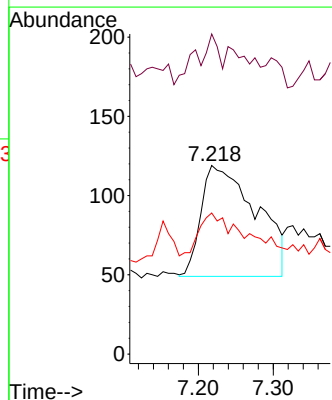
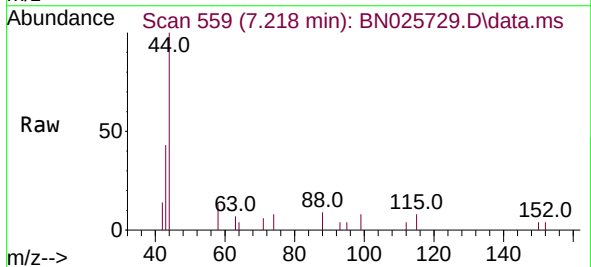
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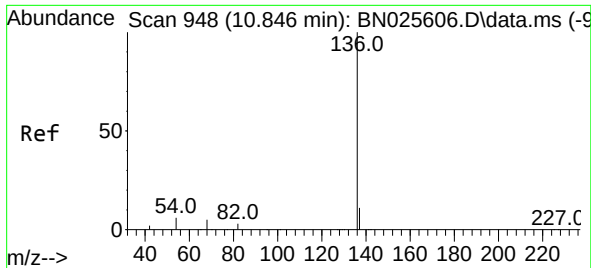
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#5
Phenol-d6
Concen: 0.018 ng m
RT: 7.218 min Scan# 559
Delta R.T. 0.043 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

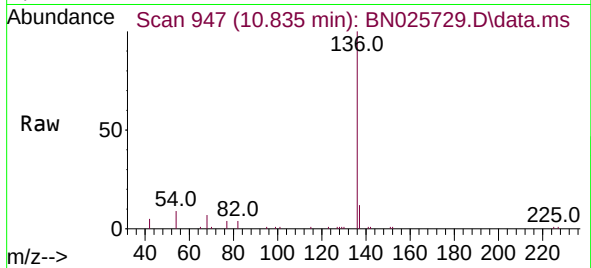
Tgt Ion: 99 Resp: 359
Ion Ratio Lower Upper
99 100
42 7.0 17.1 25.7#
71 25.6 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

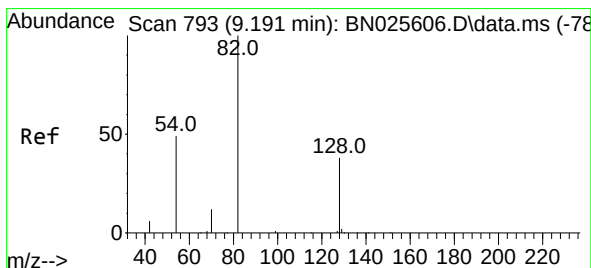
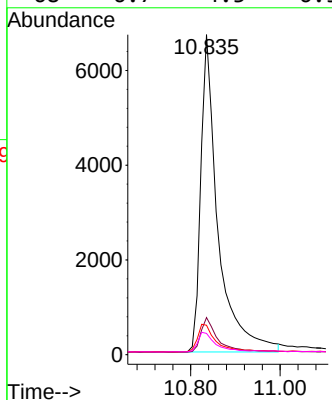
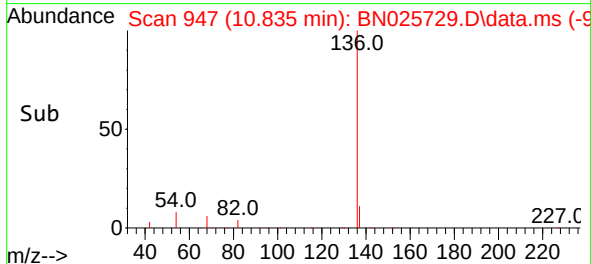
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL



Tgt Ion:136 Resp: 1788
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.2 5.4 8.0
68 6.7 4.3 6.5#

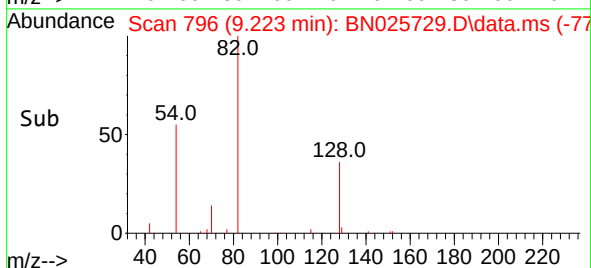
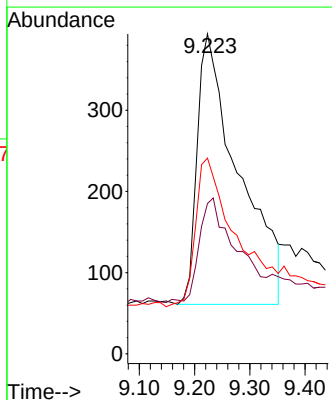
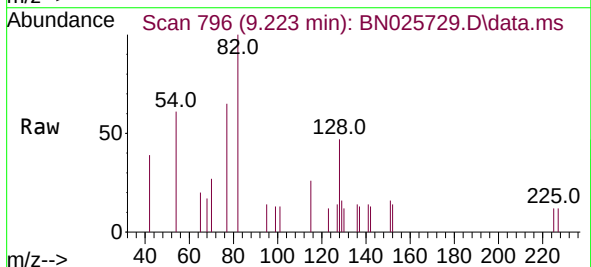
Manual Integrations
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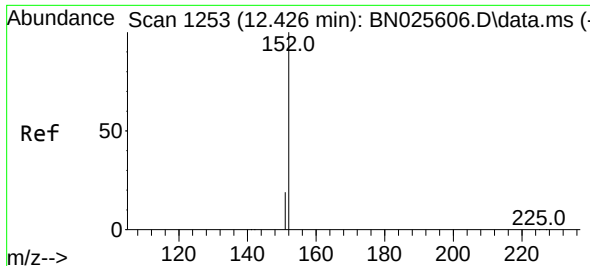
Reviewed By :Christian Giraldo 05/31/2023
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#8
Nitrobenzene-d5
Concen: 0.116 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.032 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

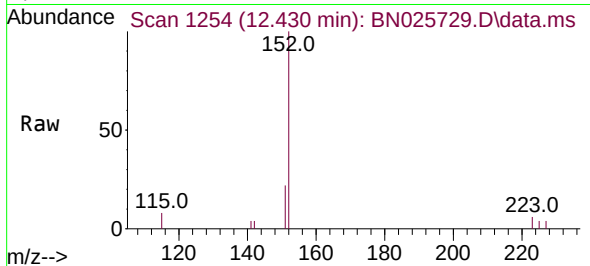
Tgt Ion: 82 Resp: 1735
Ion Ratio Lower Upper
82 100
128 47.0 32.5 48.7
54 61.2 40.6 60.8#





#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.430 min Scan# 1254
Delta R.T. 0.007 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

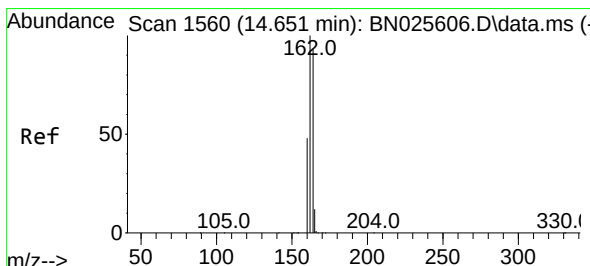
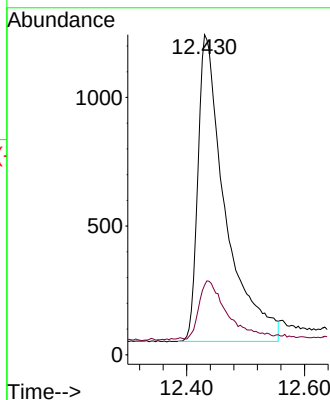
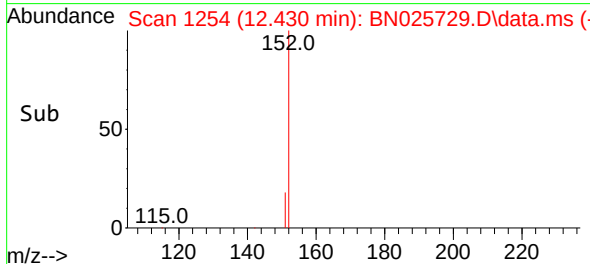
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BNA_N
ClientSampleId :
RE134D3-20230523DL



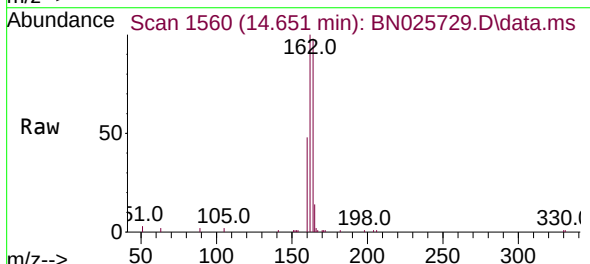
Tgt Ion:152 Resp: 382
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1

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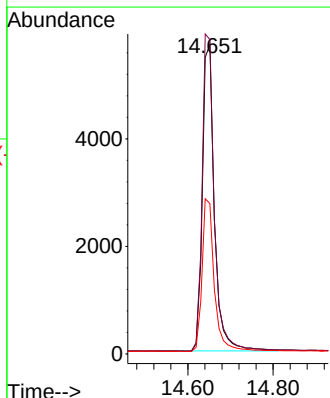
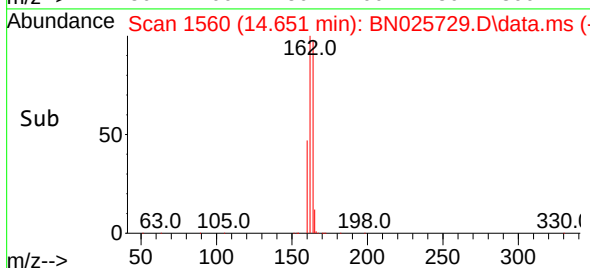
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

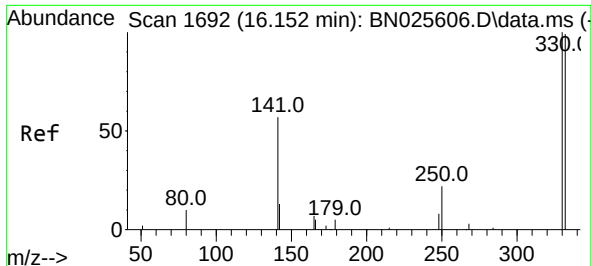


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20



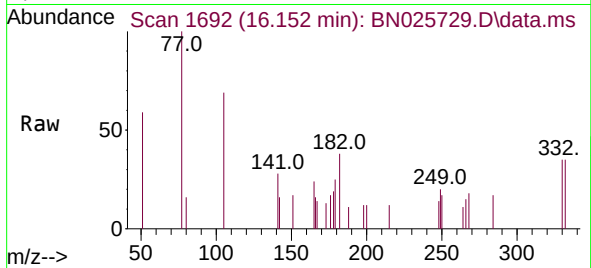
Tgt Ion:164 Resp: 11164
Ion Ratio Lower Upper
164 100
162 101.6 86.4 129.6
160 48.6 41.9 62.9





#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

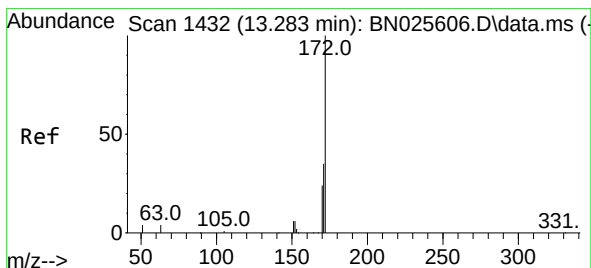
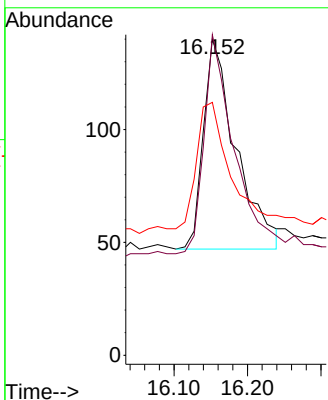
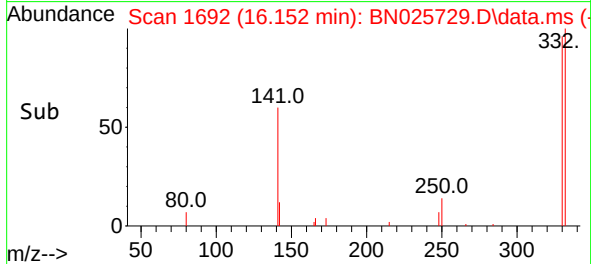
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL



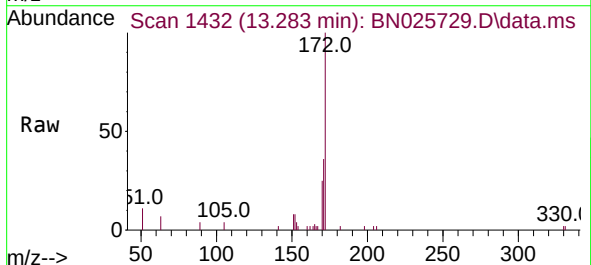
Tgt Ion: 330 Resp: 281
Ion Ratio Lower Upper
330 100
332 98.3 80.0 120.0
141 64.5 45.8 68.6

Manual Integrations
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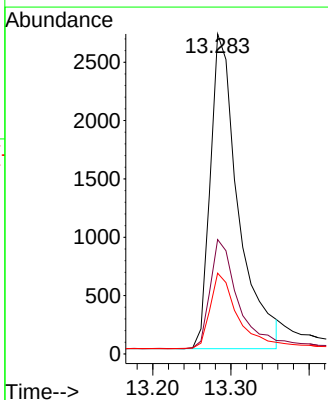
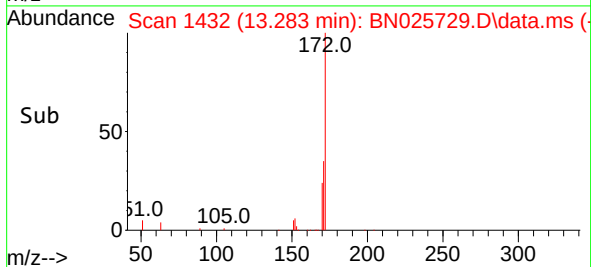
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Jagrut Upadhyay 05/31/2023

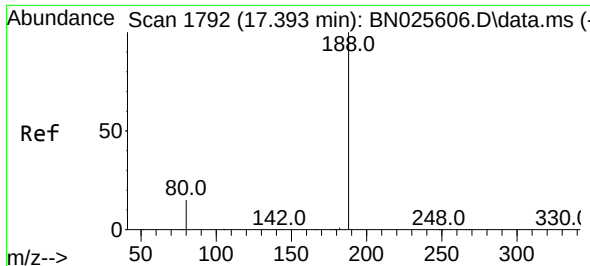


#15
2-Fluorobiphenyl
Concen: 0.146 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20



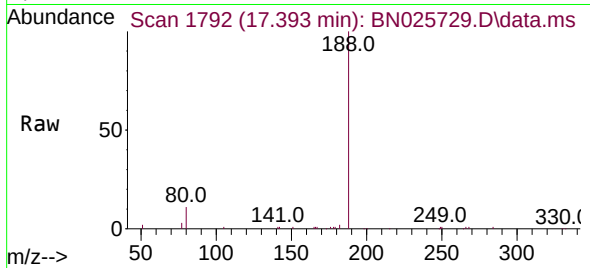
Tgt Ion: 172 Resp: 6734
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 25.3 19.7 29.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

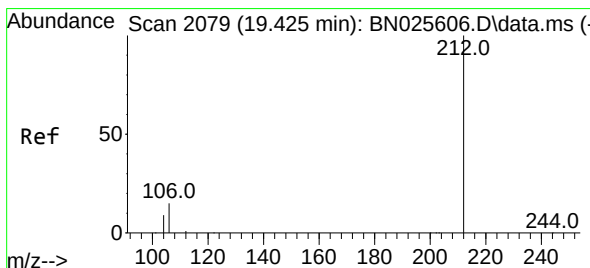
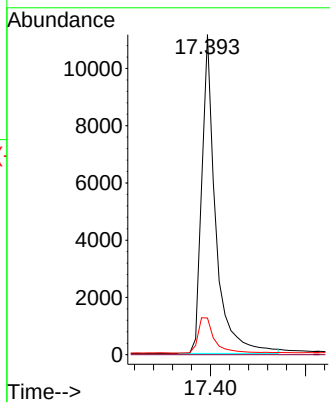
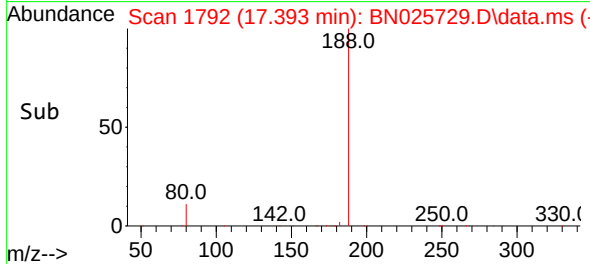
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BNA_N
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RE134D3-20230523DL



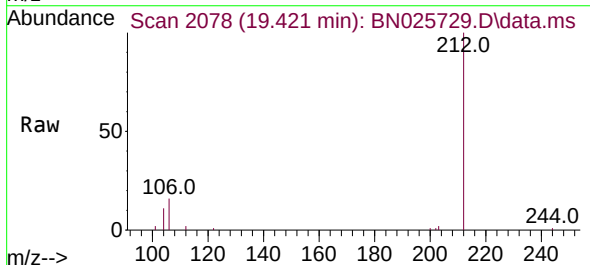
Tgt Ion:188 Resp: 2259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 12.2 18.2

Manual Integrations
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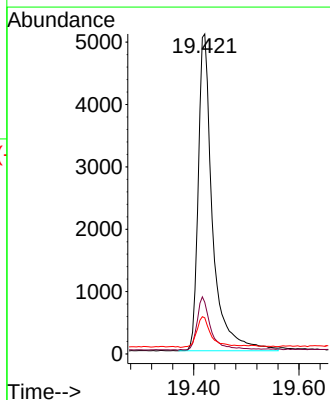
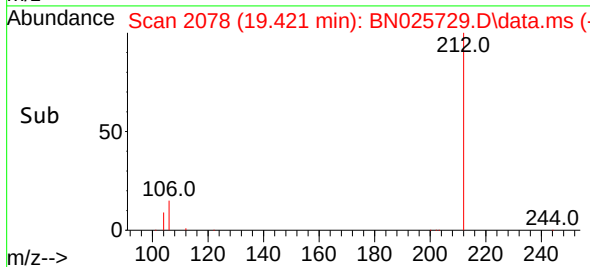
Reviewed By :Christian Giraldo 05/31/2023
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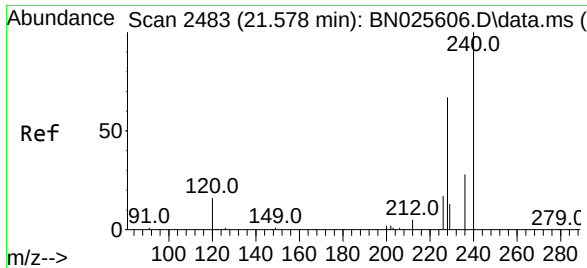


#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.421 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20



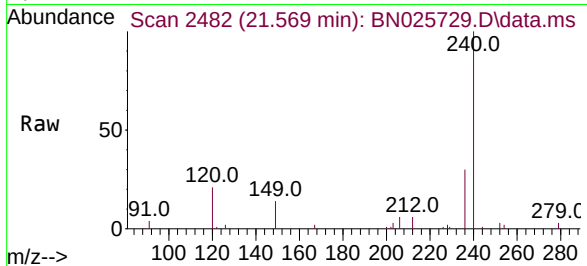
Tgt Ion:212 Resp: 9581
Ion Ratio Lower Upper
212 100
106 15.9 12.3 18.5
104 9.9 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

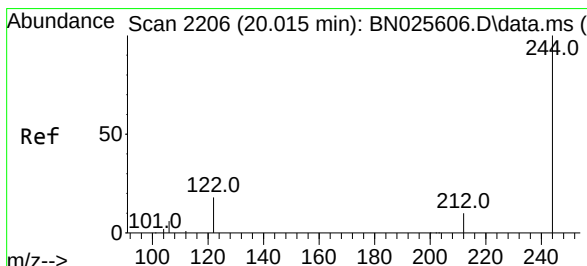
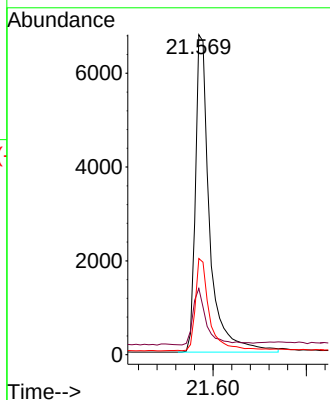
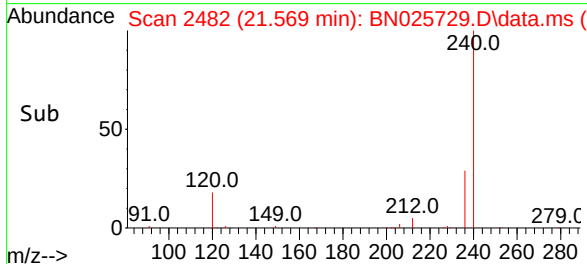
Instrument :
BNA_N
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RE134D3-20230523DL



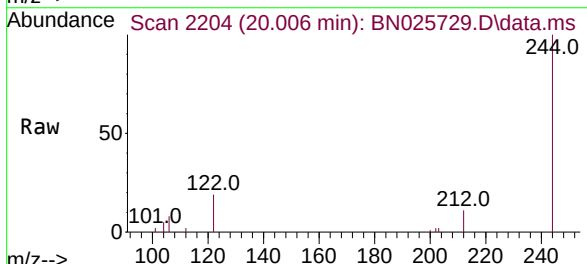
Tgt Ion:240 Resp: 1438
Ion Ratio Lower Upper
240 100
120 20.7 15.4 23.0
236 30.0 23.2 34.8

Manual Integrations
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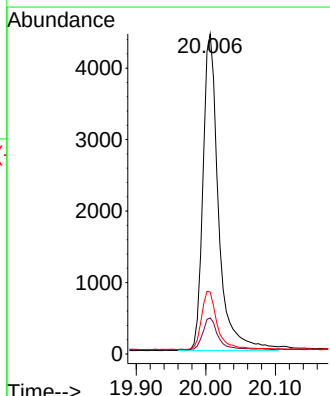
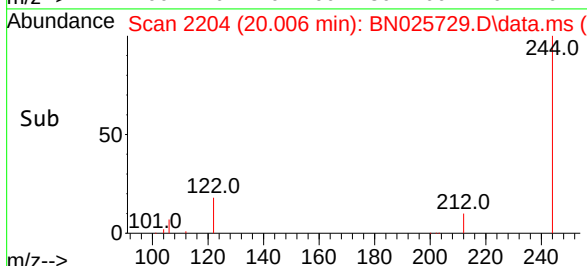
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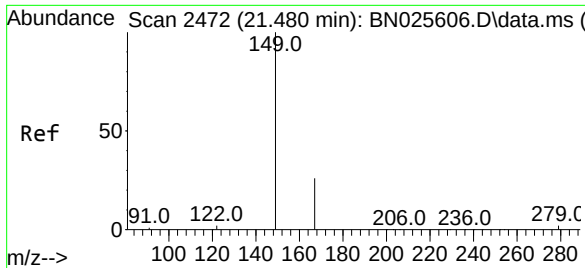


#31
Terphenyl-d14
Concen: 0.218 ng
RT: 20.006 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20



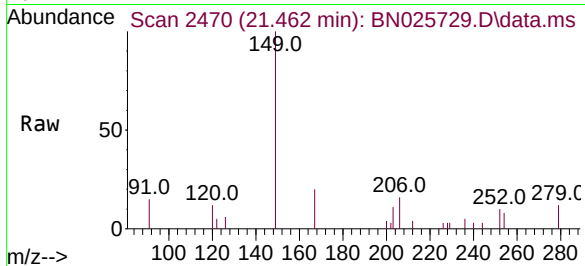
Tgt Ion:244 Resp: 6875
Ion Ratio Lower Upper
244 100
212 11.3 8.5 12.7
122 19.3 14.9 22.3





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.462 min Scan# 2472
 Delta R.T. -0.009 min
 Lab File: BN025729.D
 Acq: 31 May 2023 00:20

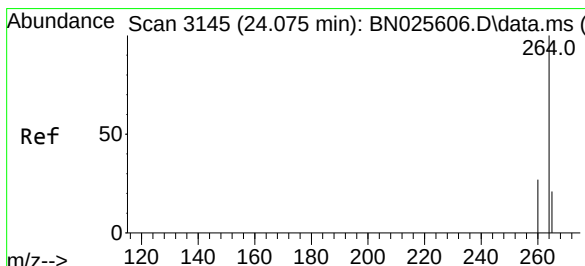
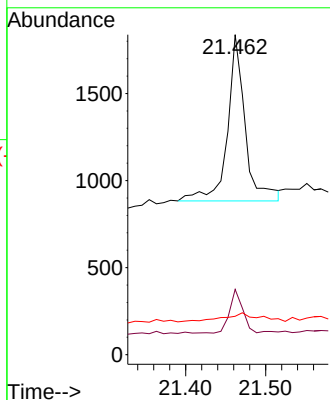
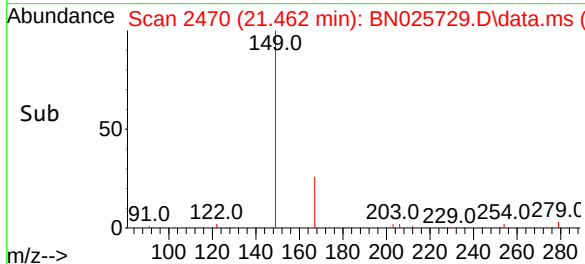
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523DL



Tgt Ion:149 Resp: 1472
 Ion Ratio Lower Upper
 149 100
 167 19.3 20.4 30.6
 279 10.9 3.3 4.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 3139
 Delta R.T. -0.012 min
 Lab File: BN025729.D
 Acq: 31 May 2023 00:20

Tgt Ion:264 Resp: 12596
 Ion Ratio Lower Upper
 264 100
 260 27.0 22.3 33.5
 265 51.3 54.3 81.5

