

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025733.D
 Acq On : 31 May 2023 02:43
 Operator : CG/JU
 Sample : 02911-19DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522DL

Quant Time: May 31 04:49:53 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
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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	8.019	152	6117	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16590	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	10840	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	21802	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	14026	0.400	ng	0.00
35) Perylene-d12	24.063	264	12258	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.593	112	253	0.016	ng	0.04
5) Phenol-d6	7.268	99	133m	0.007	ng	0.09
8) Nitrobenzene-d5	9.276	82	511m	0.037	ng	0.09
11) 2-Methylnaphthalene-d10	12.460	152	1243m	0.053	ng	0.04
14) 2,4,6-Tribromophenol	16.177	330	92	0.042	ng	0.02
15) 2-Fluorobiphenyl	13.304	172	1821	0.041	ng	0.02
27) Fluoranthene-d10	19.430	212	3473	0.070	ng	0.00
31) Terphenyl-d14	20.011	244	2434	0.079	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	10267	1.449	ng	Qvalue 100
34) Bis(2-ethylhexyl)phtha...	21.462	149	1042	0.033	ng	96

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

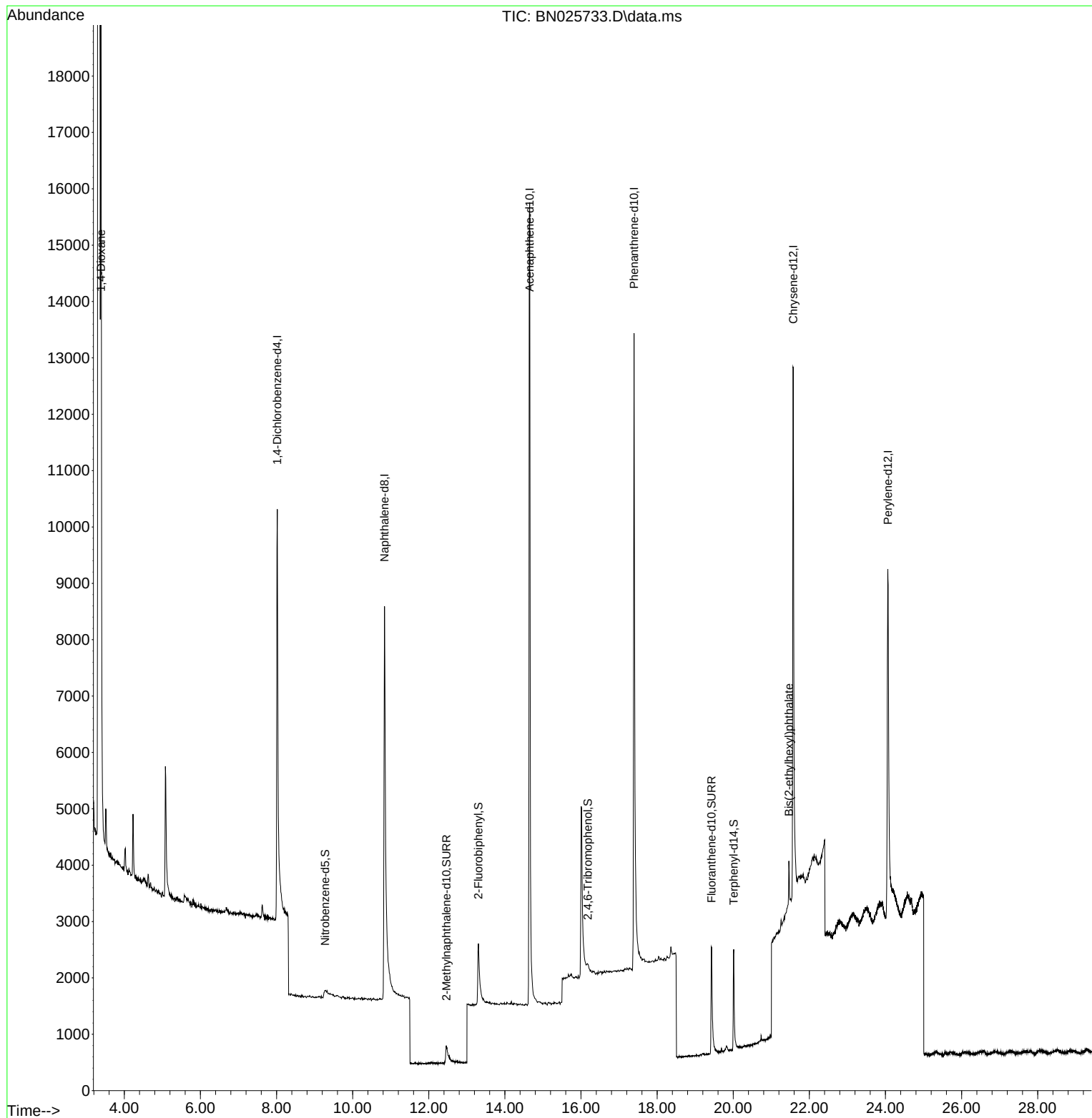
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025733.D
Acq On : 31 May 2023 02:43
Operator : CG/JU
Sample : 02911-19DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

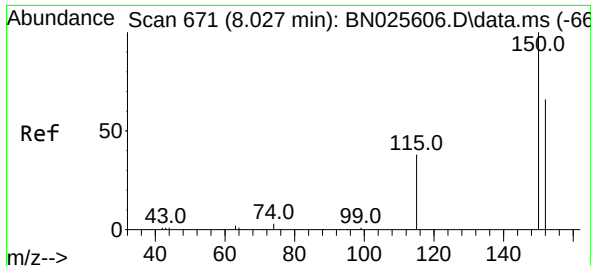
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL

Quant Time: May 31 04:49:53 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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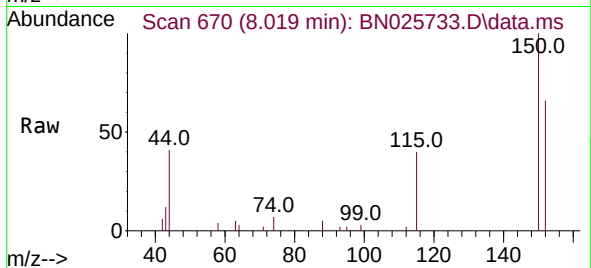
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

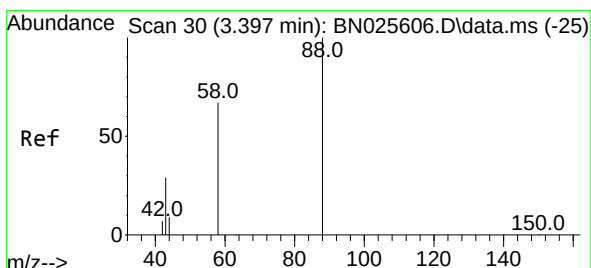
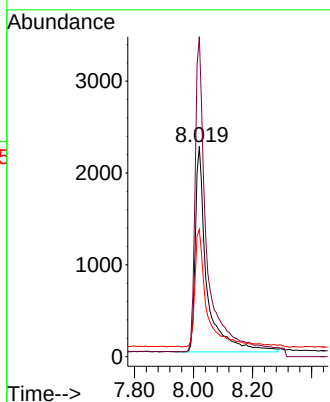
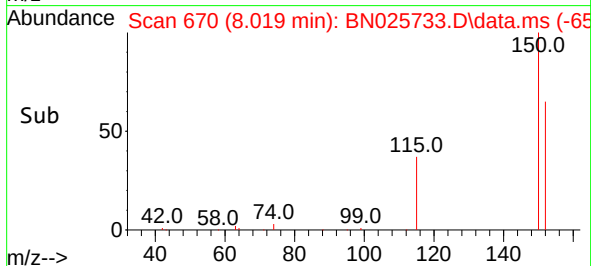
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL



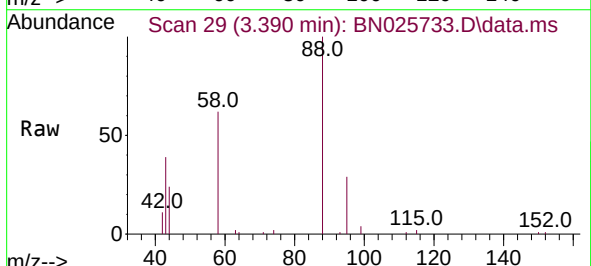
Tgt Ion: 152 Resp: 611
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.6
115 60.5 48.5 72.7

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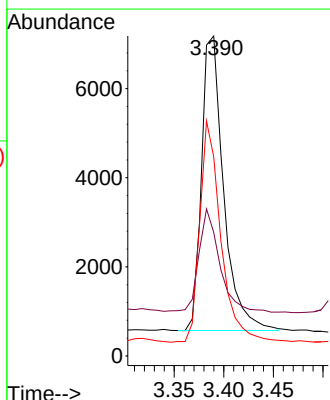
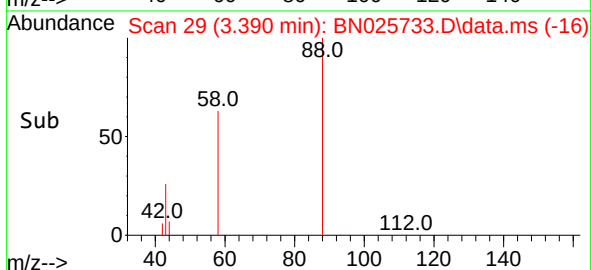
Reviewed By : Christian Giraldo 05/31/2023
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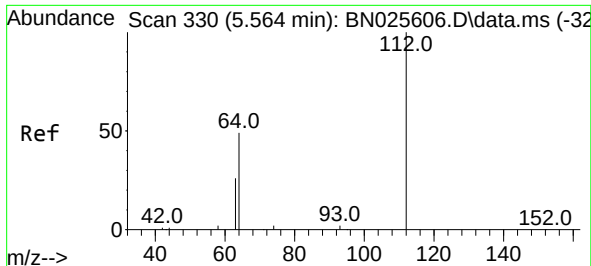


#2
1,4-Dioxane
Concen: 1.449 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43



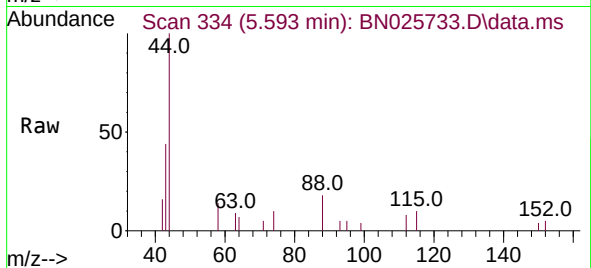
Tgt Ion: 88 Resp: 10267
Ion Ratio Lower Upper
88 100
43 32.9 26.5 39.7
58 71.4 56.8 85.2





#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.593 min Scan# 311
Delta R.T. 0.036 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

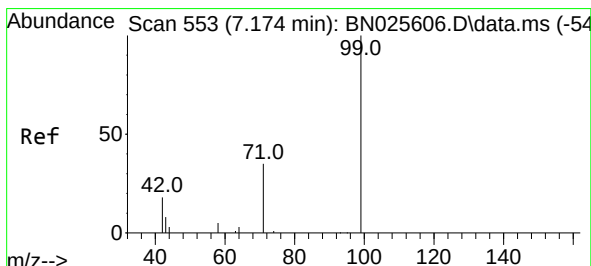
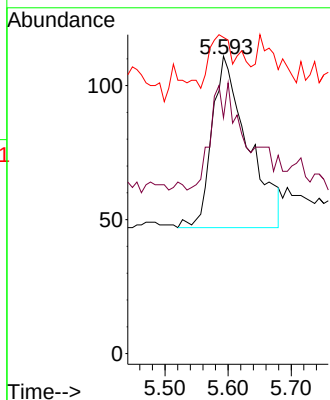
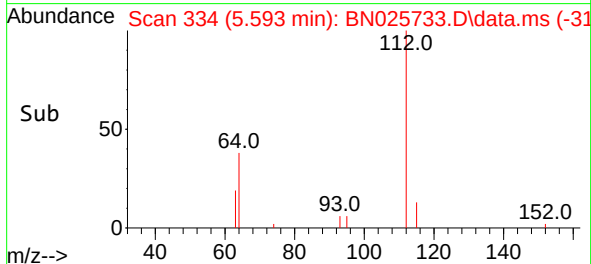
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL



Tgt Ion:112 Resp: 25
Ion Ratio Lower Upper
112 100
64 48.6 45.7 68.5
63 20.6 26.2 39.2

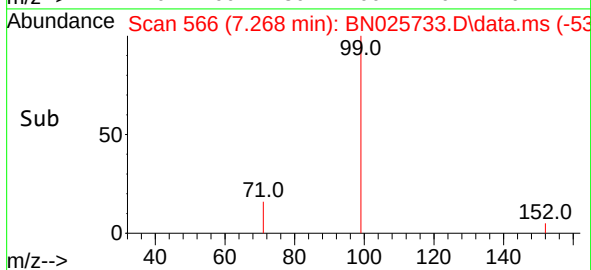
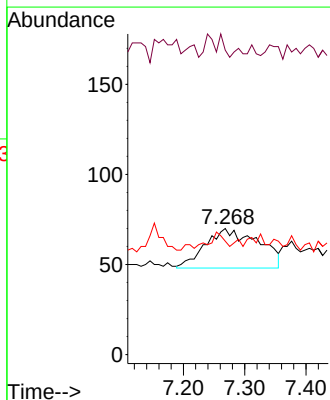
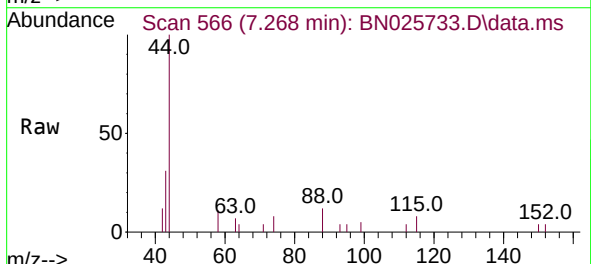
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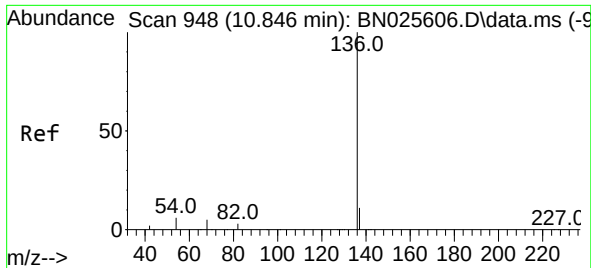
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#5
Phenol-d6
Concen: 0.007 ng m
RT: 7.268 min Scan# 566
Delta R.T. 0.094 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

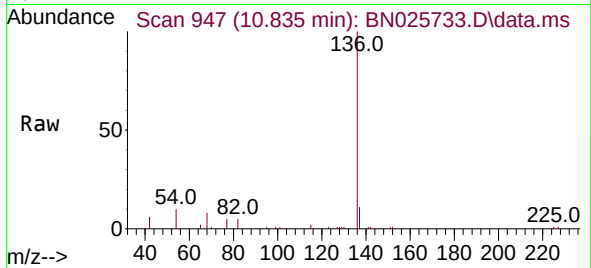
Tgt Ion: 99 Resp: 133
Ion Ratio Lower Upper
99 100
42 24.1 17.1 25.7
71 17.3 29.3 43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

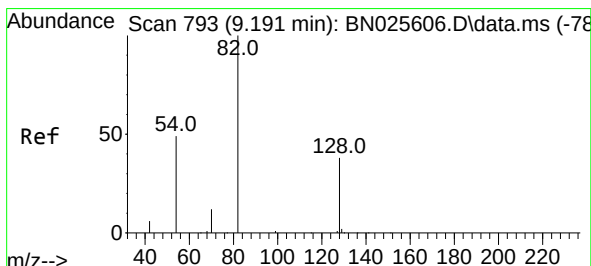
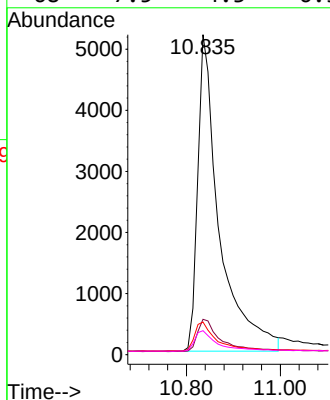
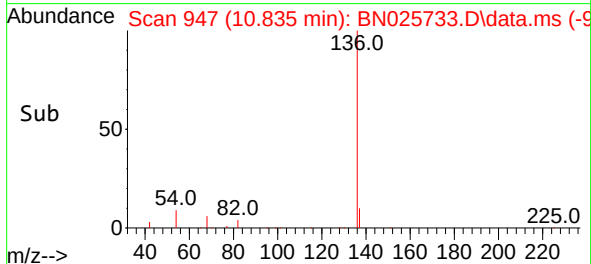
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522DL



Tgt Ion:136 Resp: 16590
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.2 5.4 8.0
68 7.5 4.3 6.5#

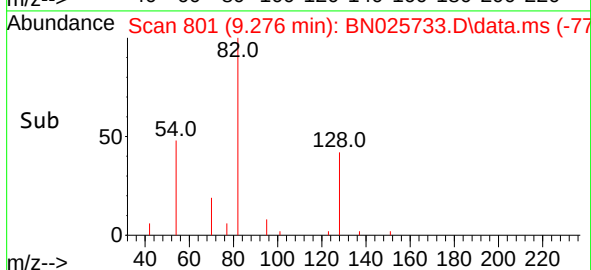
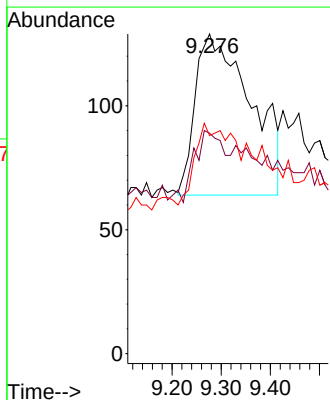
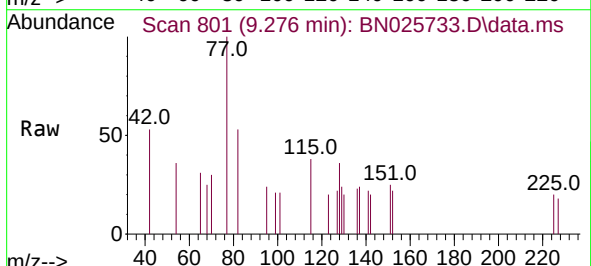
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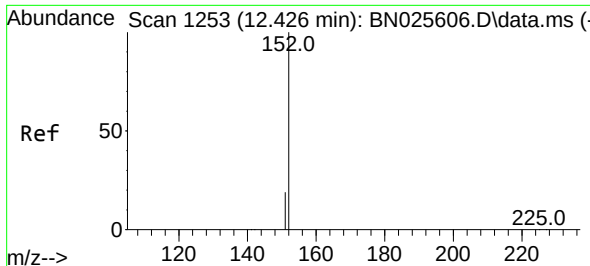
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#8
Nitrobenzene-d5
Concen: 0.037 ng m
RT: 9.276 min Scan# 801
Delta R.T. 0.085 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

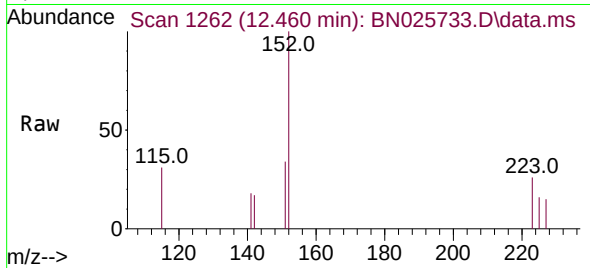
Tgt Ion: 82 Resp: 511
Ion Ratio Lower Upper
82 100
128 69.0 32.5 48.7#
54 68.2 40.6 60.8#





#11
2-Methylnaphthalene-d10
Concen: 0.053 ng m
RT: 12.460 min Scan# 1253
Delta R.T. 0.037 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

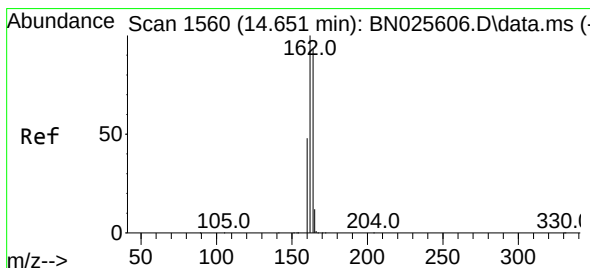
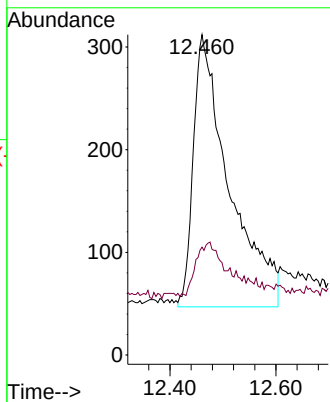
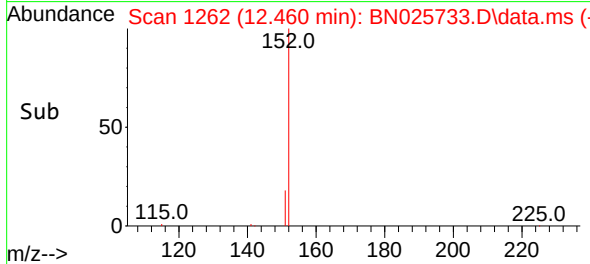
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RE115D2-20230522DL



Tgt Ion:152 Resp: 124
Ion Ratio Lower Upper
152 100
151 14.0 16.1 24.1

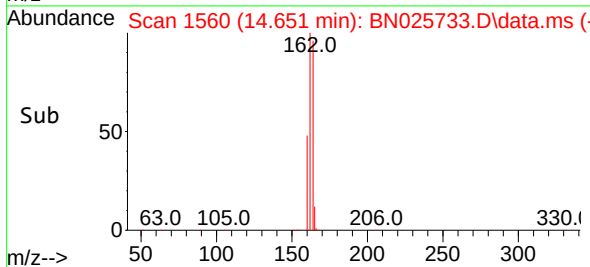
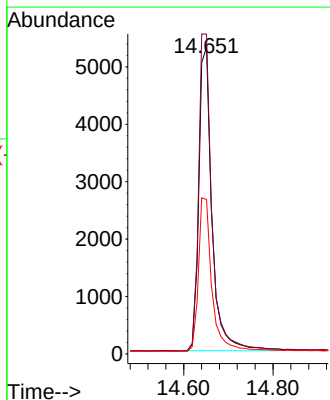
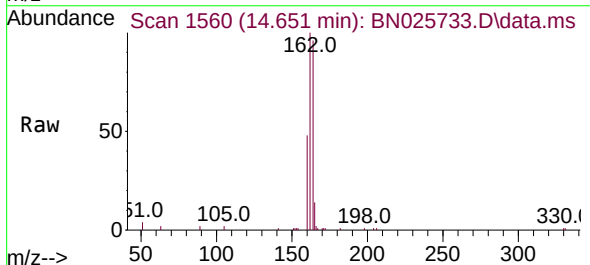
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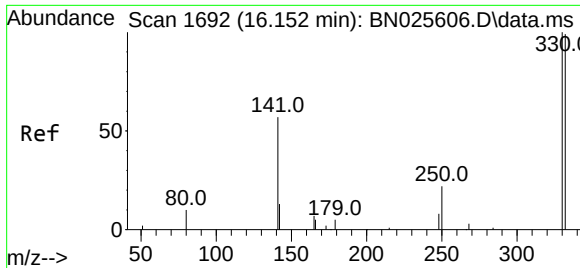
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

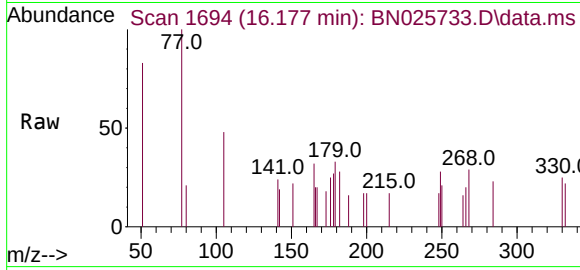
Tgt Ion:164 Resp: 10840
Ion Ratio Lower Upper
164 100
162 104.2 86.4 129.6
160 50.3 41.9 62.9





#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 16.177 min Scan# 1694
Delta R.T. 0.025 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

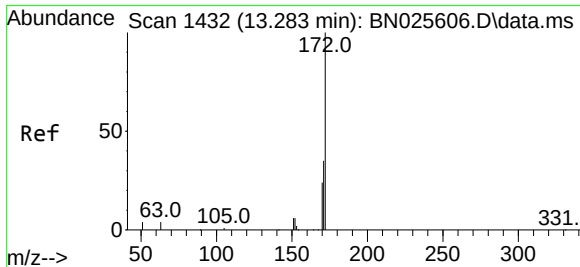
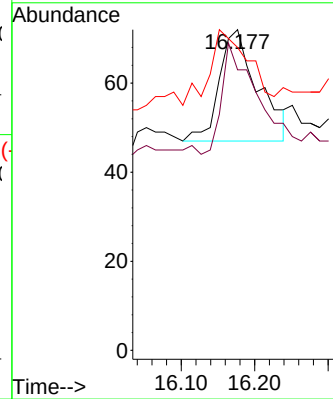
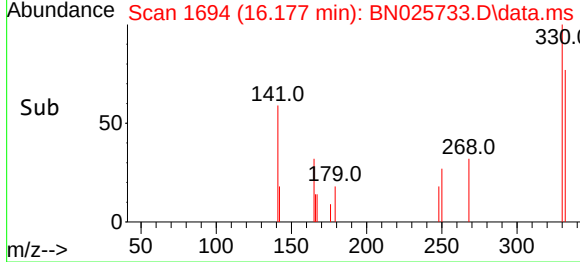
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RE115D2-20230522DL



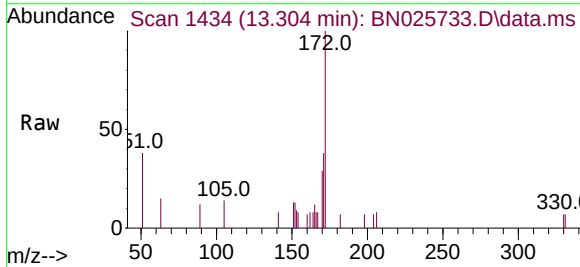
Tgt Ion: 330 Resp: 92
Ion Ratio Lower Upper
330 100
332 93.5 80.0 120.0
141 0.0 45.8 68.6

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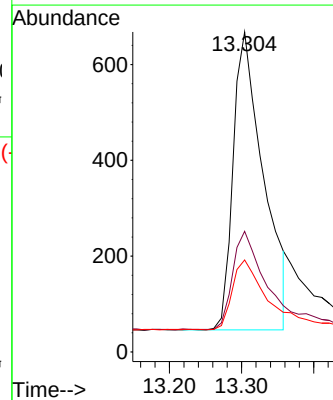
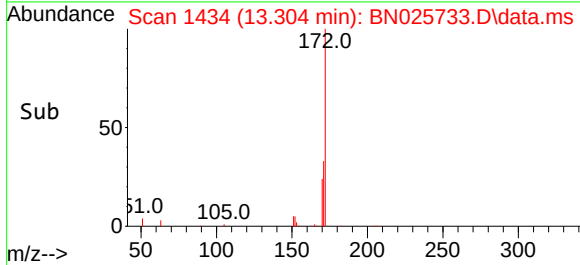
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Jagrut Upadhyay 05/31/2023

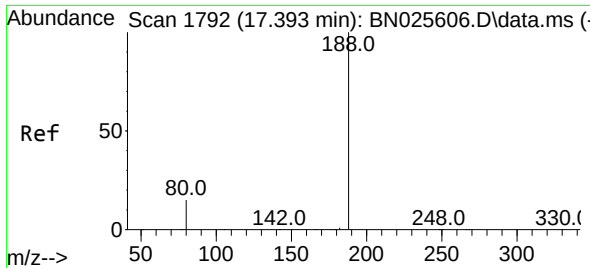


#15
2-Fluorobiphenyl
Concen: 0.041 ng
RT: 13.304 min Scan# 1434
Delta R.T. 0.021 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43



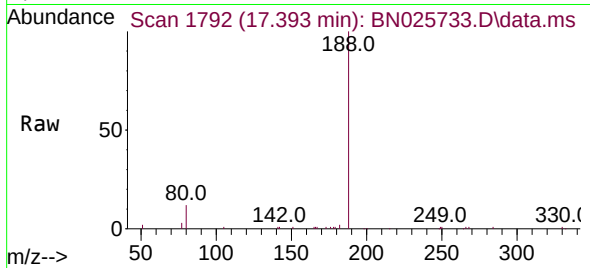
Tgt Ion: 172 Resp: 1821
Ion Ratio Lower Upper
172 100
171 37.7 28.6 42.8
170 28.7 19.7 29.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

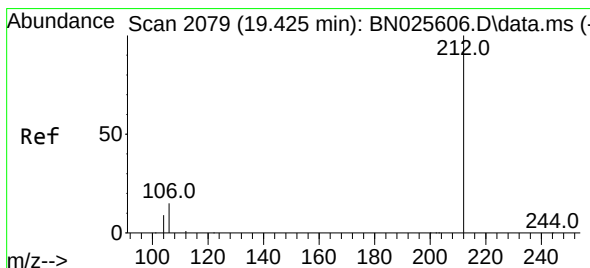
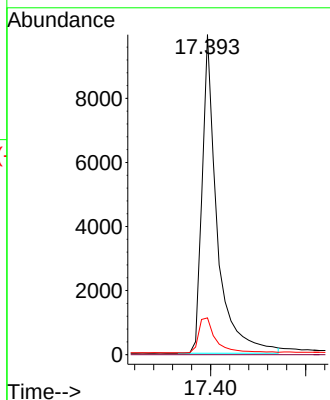
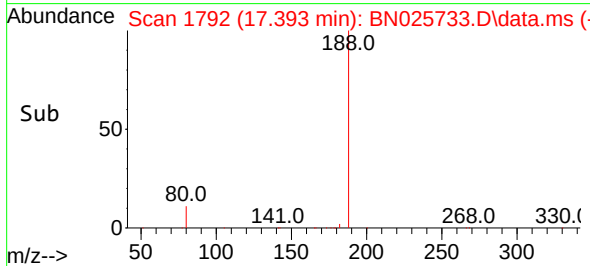
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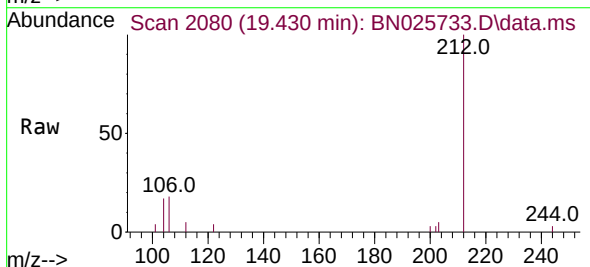
Tgt Ion:188 Resp: 2180
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 12.2 18.2

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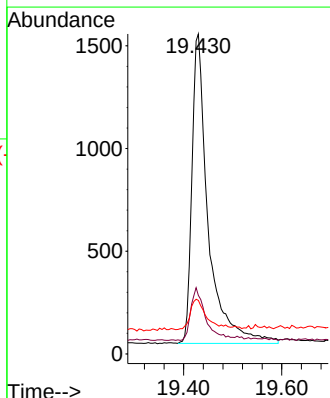
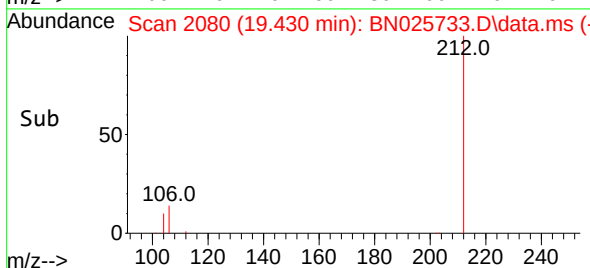
Reviewed By :Christian Giraldo 05/31/2023
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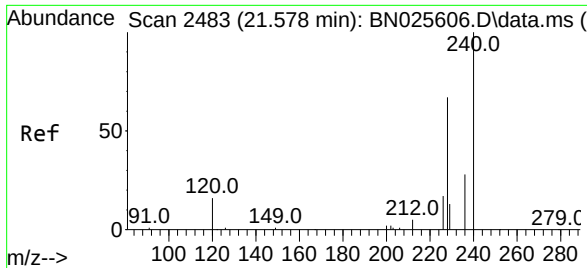


#27
Fluoranthene-d10
Concen: 0.070 ng
RT: 19.430 min Scan# 2080
Delta R.T. 0.009 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43



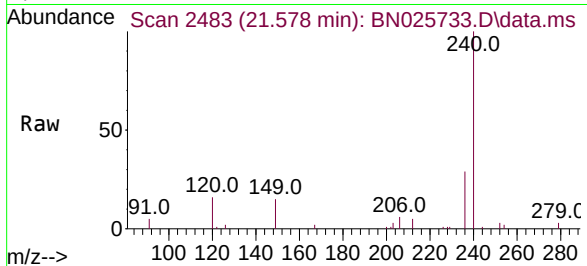
Tgt Ion:212 Resp: 3473
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.2 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43

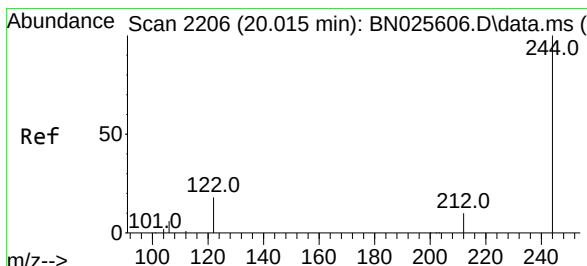
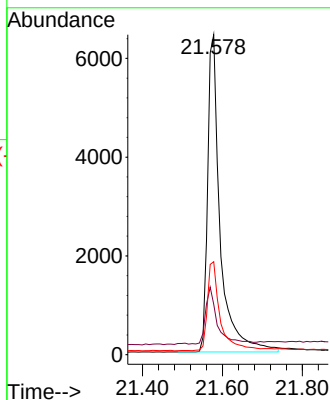
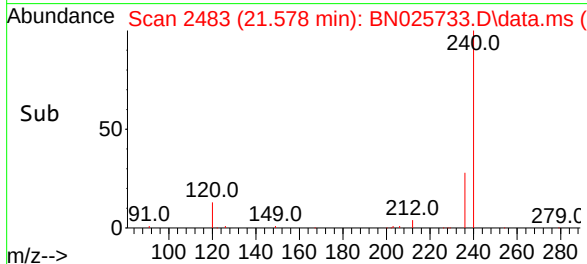
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BNA_N
ClientSampleId :
RE115D2-20230522DL



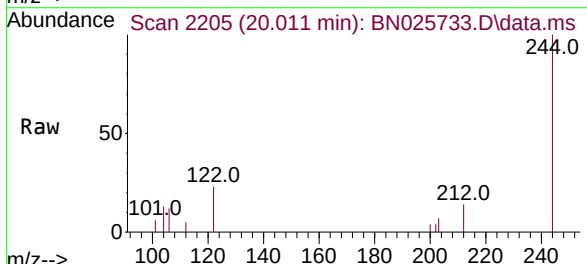
Tgt Ion:240 Resp: 14020
Ion Ratio Lower Upper
240 100
120 15.8 15.4 23.0
236 29.0 23.2 34.8

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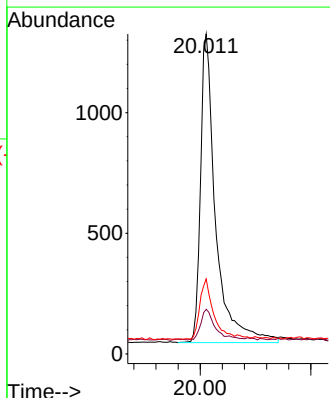
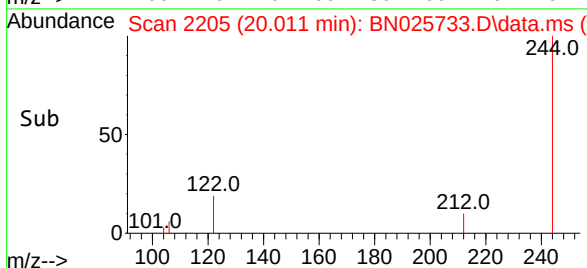
Reviewed By :Christian Giraldo 05/31/2023
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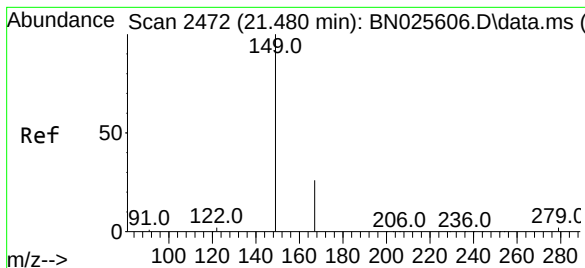


#31
Terphenyl-d14
Concen: 0.079 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025733.D
Acq: 31 May 2023 02:43



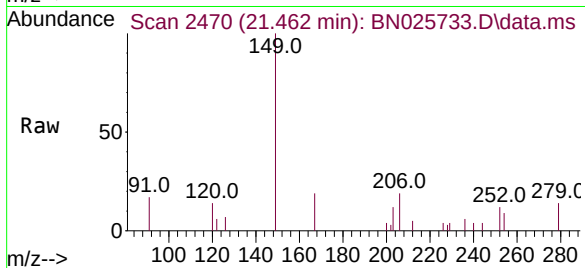
Tgt Ion:244 Resp: 2434
Ion Ratio Lower Upper
244 100
212 14.0 8.5 12.7#
122 23.5 14.9 22.3#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.462 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN025733.D
 Acq: 31 May 2023 02:43

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522DL

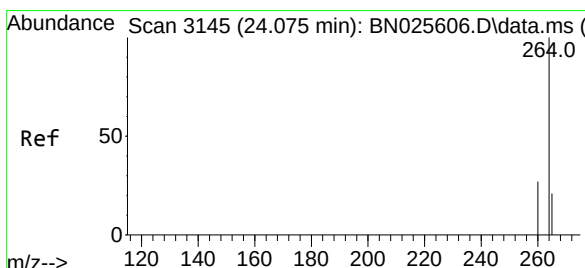
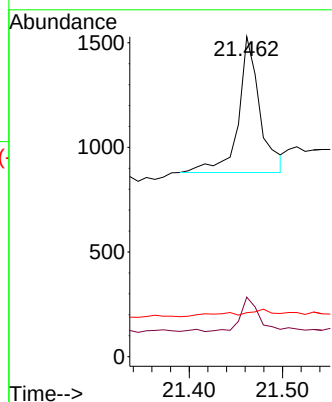
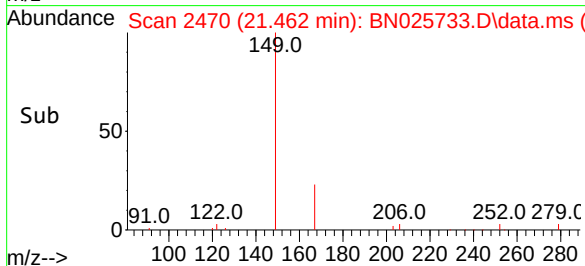


Tgt Ion: 149 Resp: 104

Ion	Ratio	Lower	Upper
149	100		
167	23.3	20.4	30.6
279	3.6	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: 24.063 min Scan# 3141
 Delta R.T. -0.006 min
 Lab File: BN025733.D
 Acq: 31 May 2023 02:43

Tgt Ion: 264 Resp: 12258

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.3	33.5
265	55.8	54.3	81.5

