

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021536.D
 Acq On : 01 Sep 2022 21:43
 Operator : CG/JU
 Sample : N4357-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20220823

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 01:01:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4857	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15162	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8138	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16884	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11565	0.400	ng	# 0.00
35) Perylene-d12	24.179	264	7618	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1637	0.172	ng	0.00
5) Phenol-d6	7.217	99	1238	0.102	ng	0.00
8) Nitrobenzene-d5	9.243	82	3425m	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	11980	0.351	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	928	0.347	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	19292	0.542	ng	0.00
27) Fluoranthene-d10	19.501	212	19620	0.452	ng	0.00
31) Terphenyl-d14	20.088	244	16192	0.623	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	3895	0.641	ng	Qvalue 96
34) Bis(2-ethylhexyl)phtha...	21.557	149	7860	0.484	ng	98

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

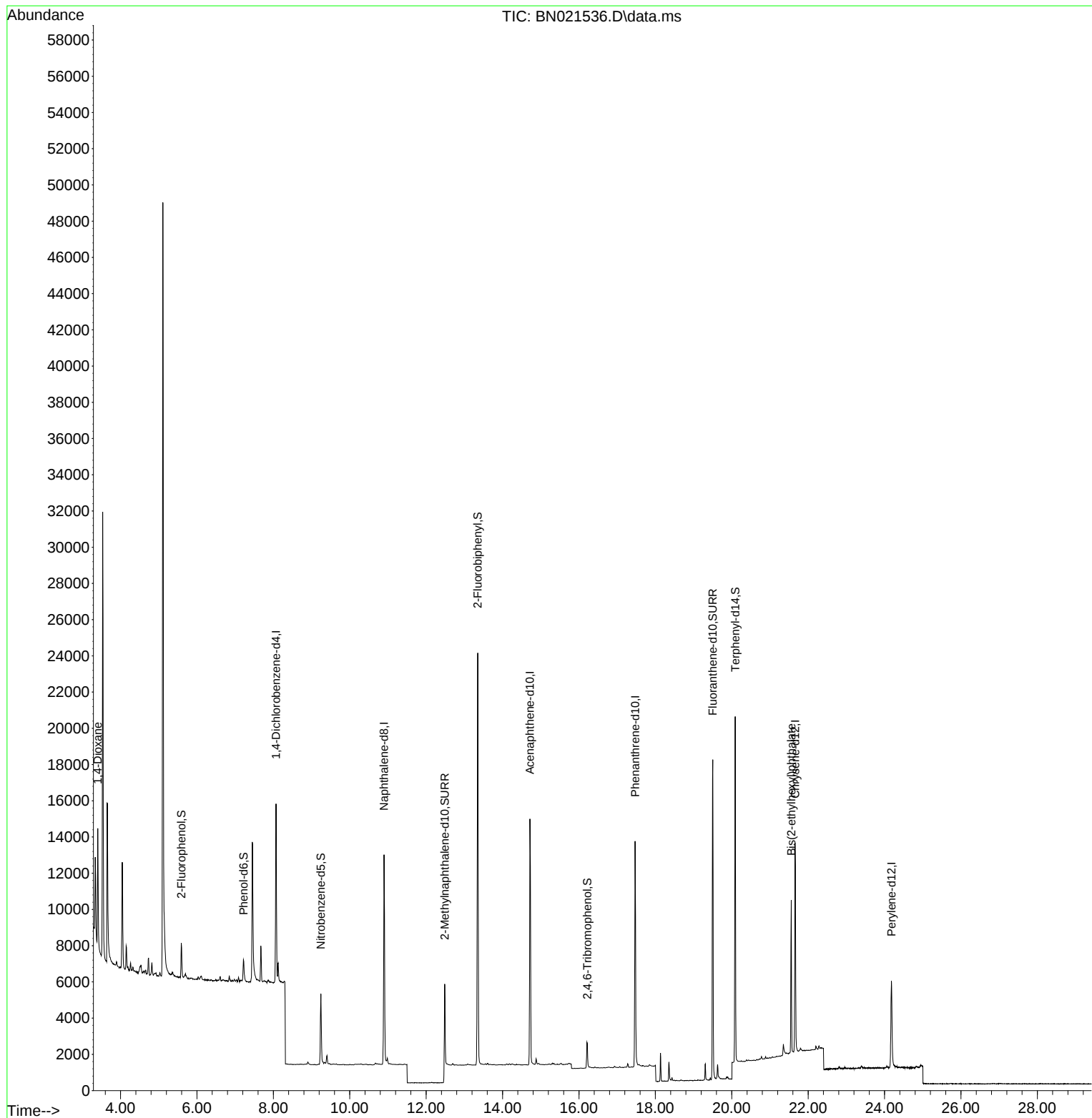
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021536.D
Acq On : 01 Sep 2022 21:43
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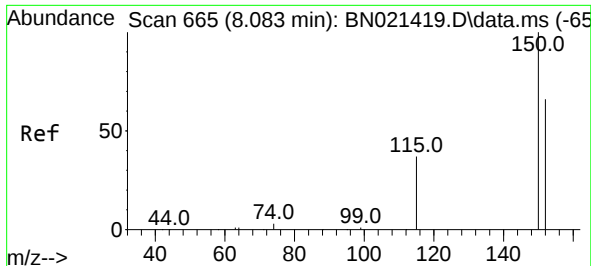
Instrument :
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RE134D1-20220823

Quant Time: Sep 02 01:01:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

Manual Integrations
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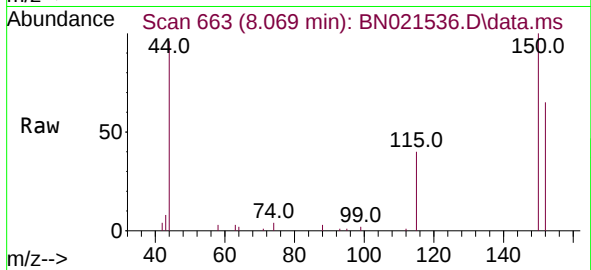
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021536.D
 Acq: 01 Sep 2022 21:43

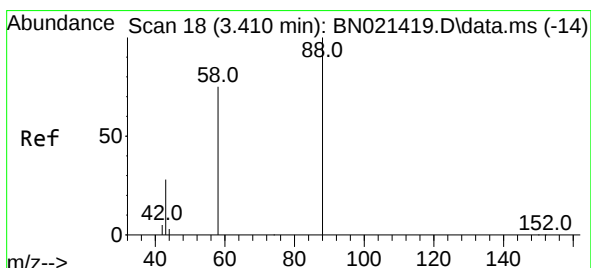
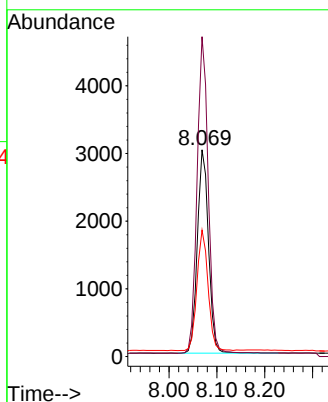
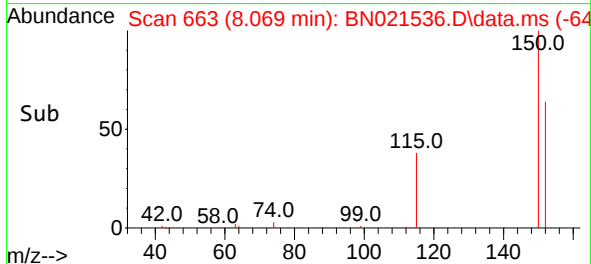
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20220823



Tgt Ion: 152 Resp: 4852
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.4 182.0
 115 61.1 48.6 72.8

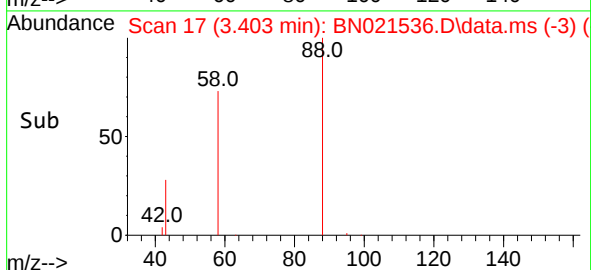
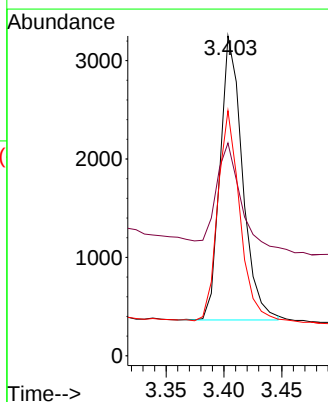
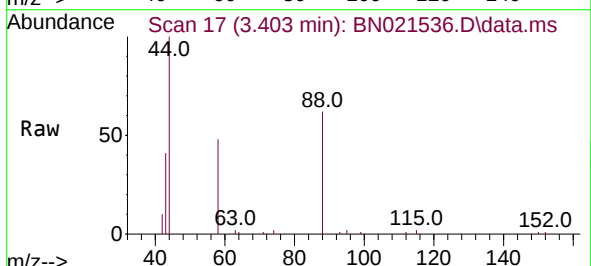
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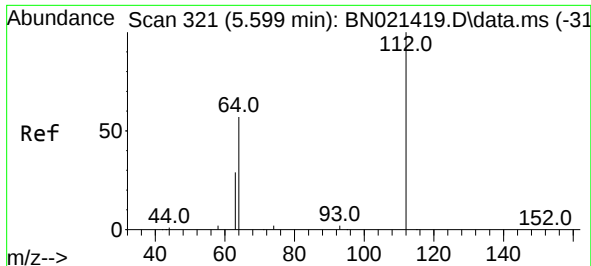
Reviewed By : Christian Giraldo 09/02/2022
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#2
 1,4-Dioxane
 Concen: 0.641 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021536.D
 Acq: 01 Sep 2022 21:43

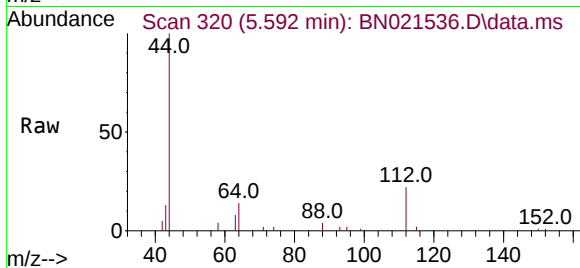
Tgt Ion: 88 Resp: 3895
 Ion Ratio Lower Upper
 88 100
 43 38.4 35.8 53.8
 58 71.7 57.1 85.7





#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

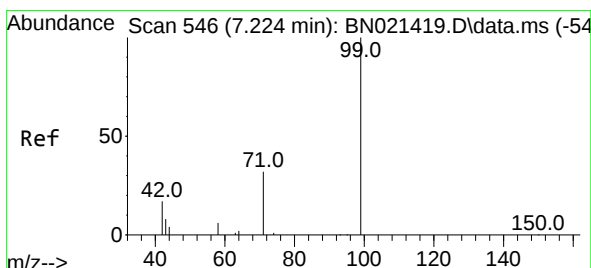
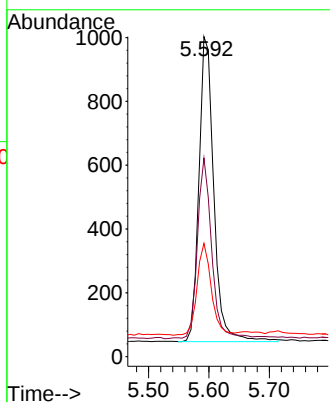
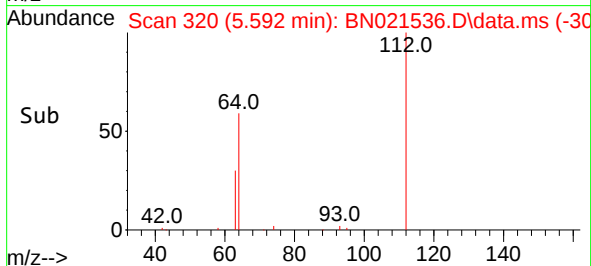
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BNA_N
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Tgt Ion: 112 Resp: 163
Ion Ratio Lower Upper
112 100
64 57.1 43.5 65.3
63 29.0 22.6 34.0

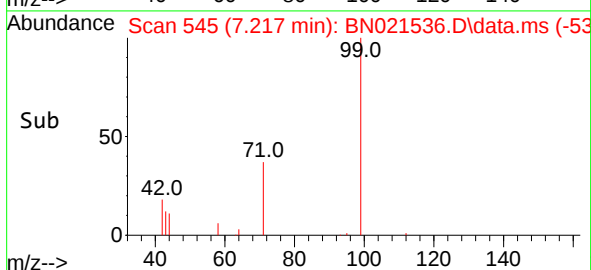
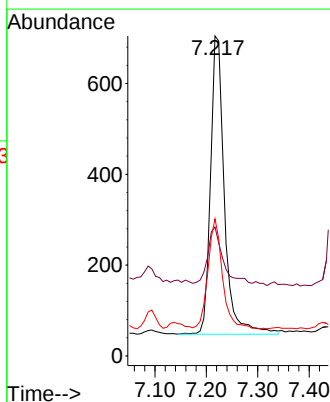
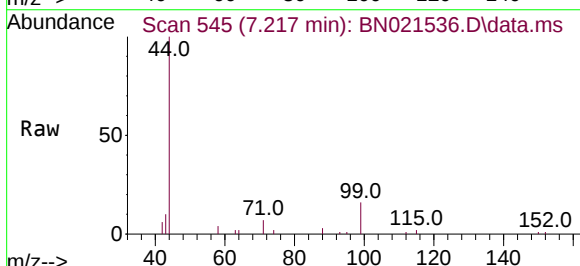
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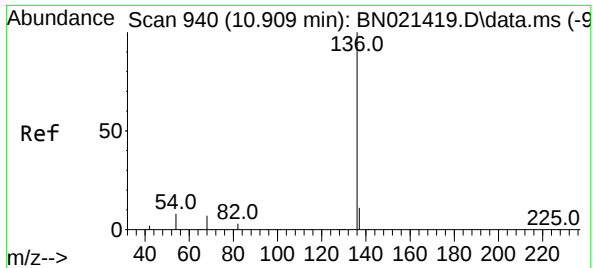
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#5
Phenol-d6
Concen: 0.102 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

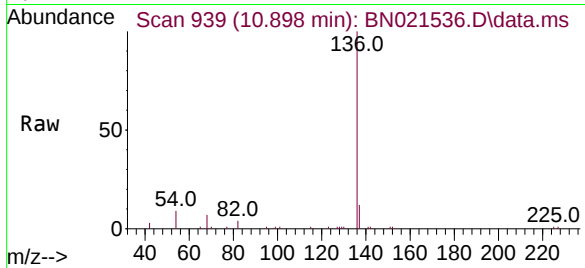
Tgt Ion: 99 Resp: 1238
Ion Ratio Lower Upper
99 100
42 20.4 15.5 23.3
71 38.2 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

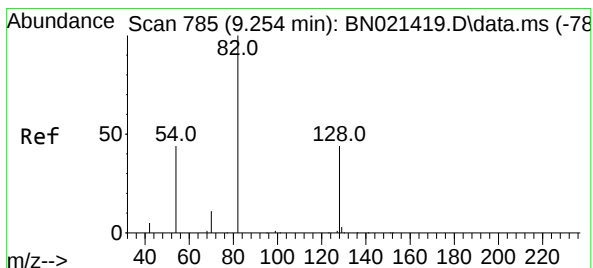
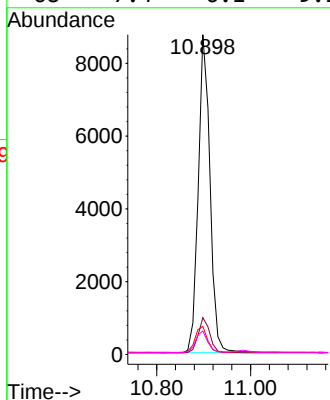
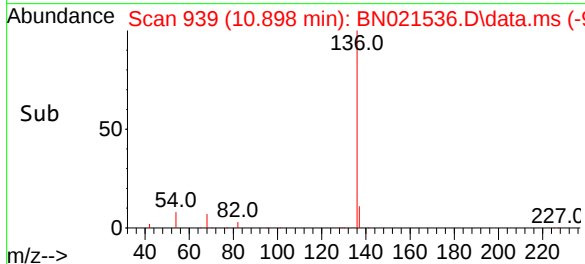
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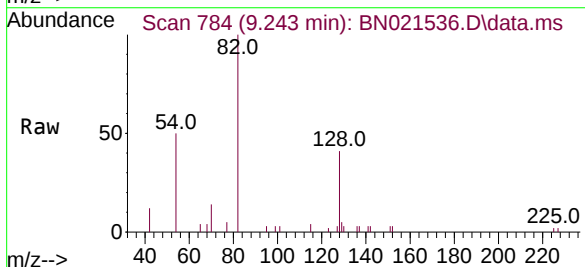
Tgt Ion:136 Resp: 15162
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 8.8 6.9 10.3
68 7.4 6.1 9.1

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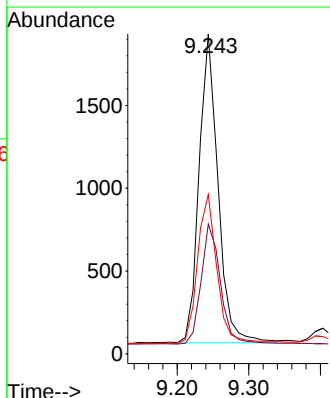
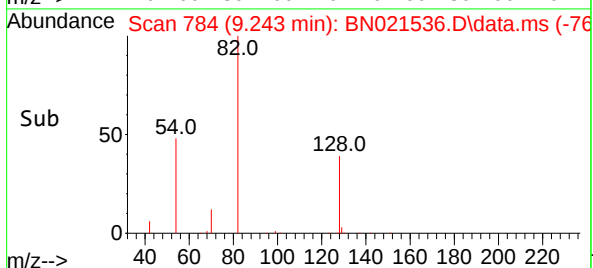
Reviewed By :Christian Giraldo 09/02/2022
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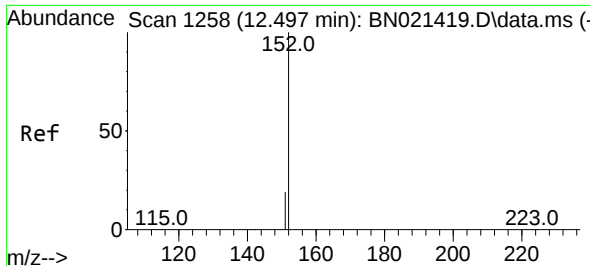


#8
Nitrobenzene-d5
Concen: 0.334 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43



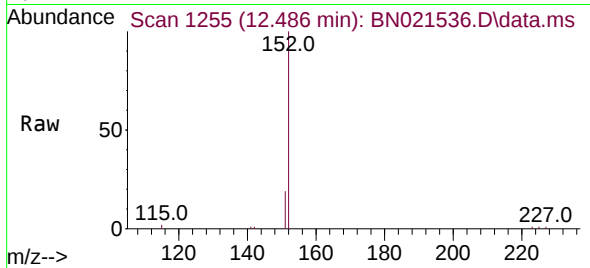
Tgt Ion: 82 Resp: 3425
Ion Ratio Lower Upper
82 100
128 40.6 30.9 46.3
54 49.8 42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

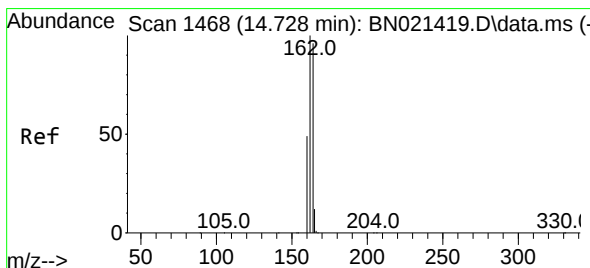
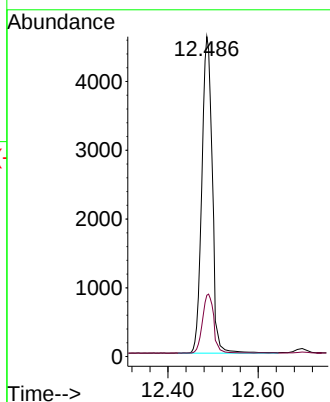
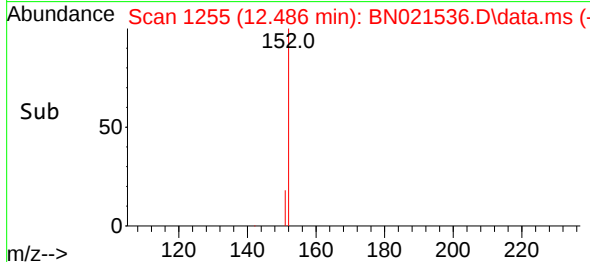
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ClientSampleId :
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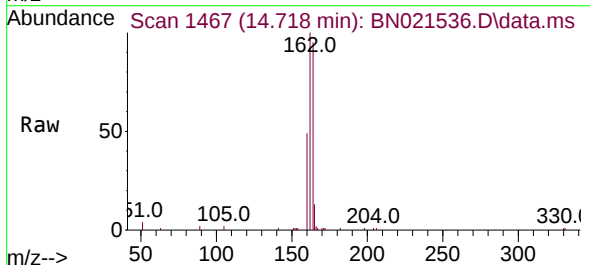
Tgt Ion:152 Resp: 11980
Ion Ratio Lower Upper
152 100
151 17.9 14.5 21.7

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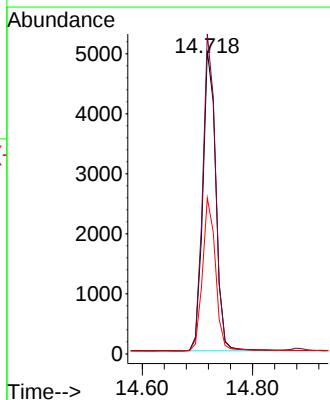
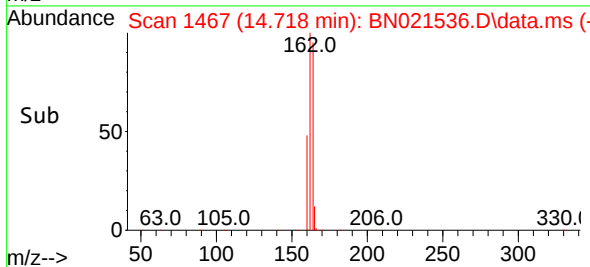
Reviewed By :Christian Giraldo 09/02/2022
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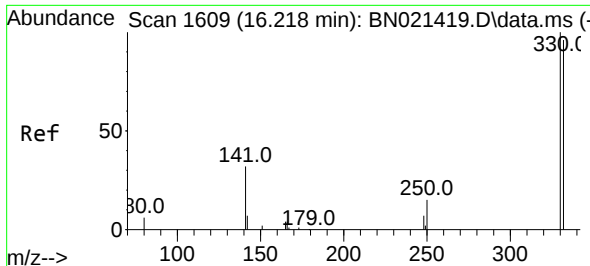


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43



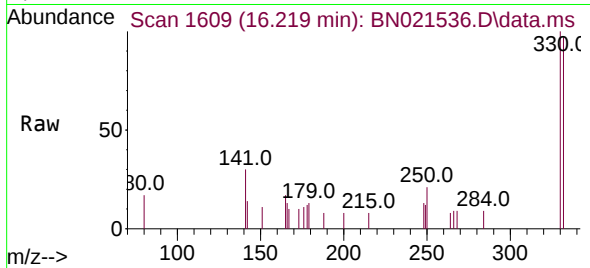
Tgt Ion:164 Resp: 8138
Ion Ratio Lower Upper
164 100
162 105.5 82.2 123.4
160 51.4 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

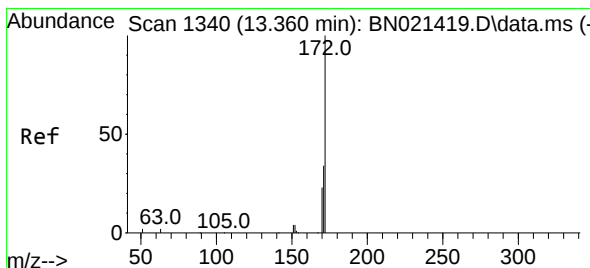
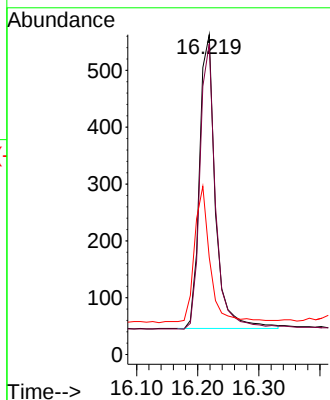
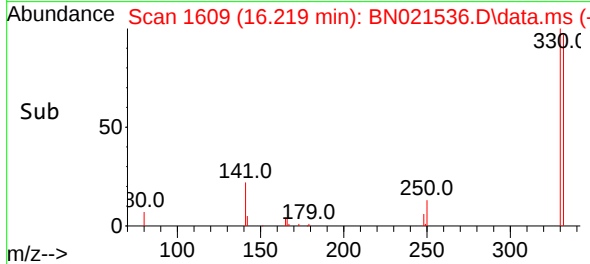
Instrument :
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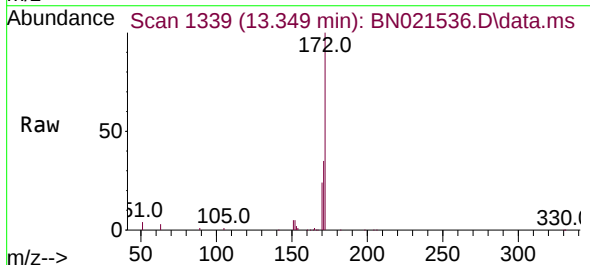
Tgt Ion:330 Resp: 928
Ion Ratio Lower Upper
330 100
332 96.3 79.3 118.9
141 46.7 37.1 55.7

Manual Integrations
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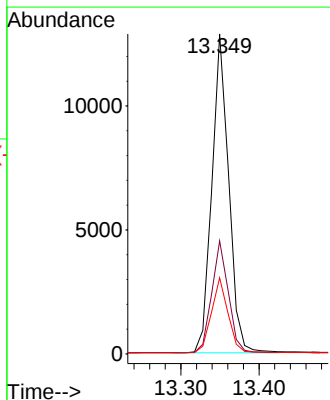
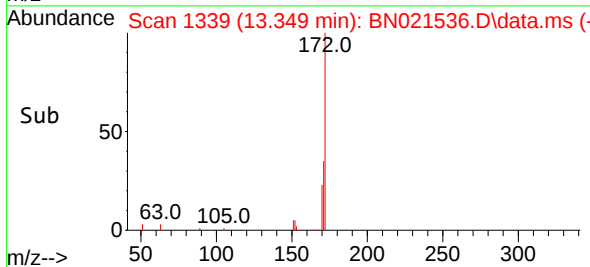
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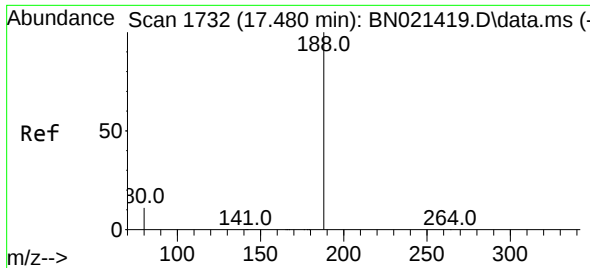


#15
2-Fluorobiphenyl
Concen: 0.542 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43



Tgt Ion:172 Resp: 19292
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.8 18.6 28.0





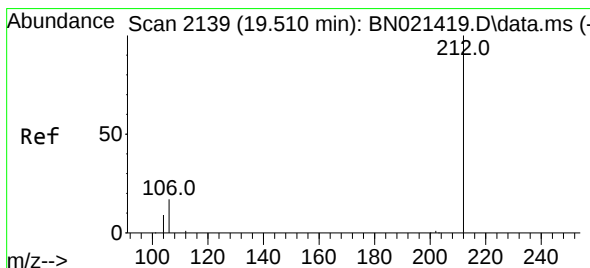
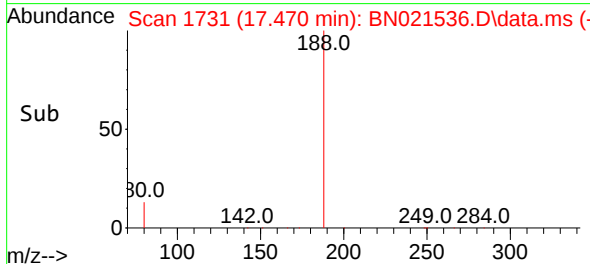
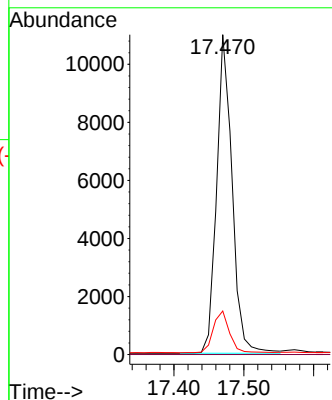
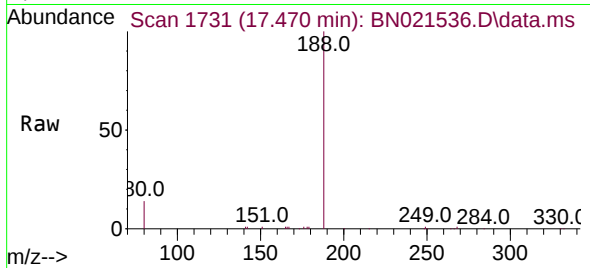
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

Instrument :
BNA_N
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Tgt Ion:188 Resp: 16884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 9.5 14.3

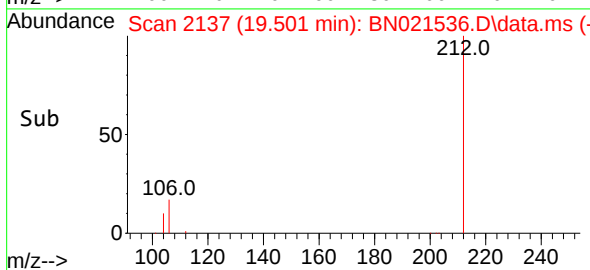
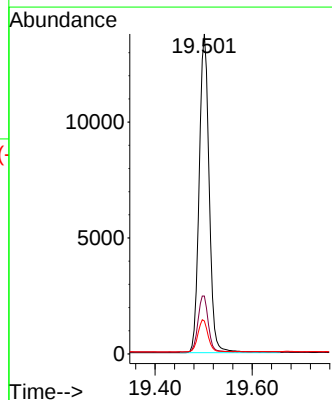
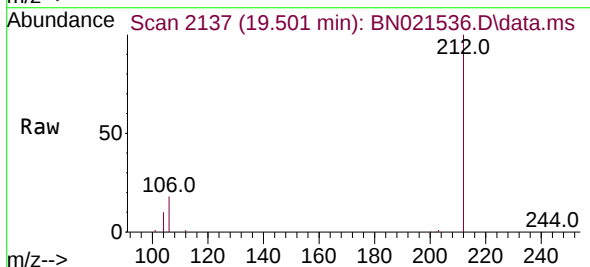
Manual Integrations
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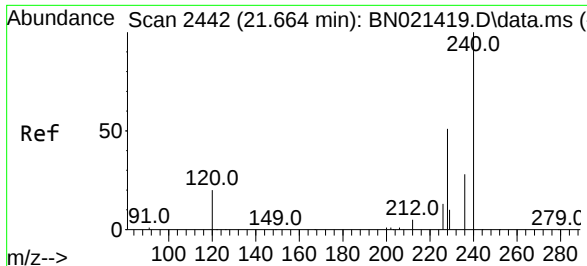
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

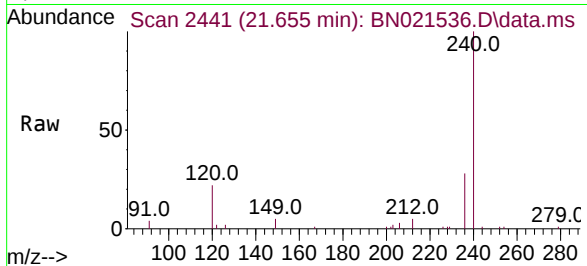
Tgt Ion:212 Resp: 19620
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.2 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

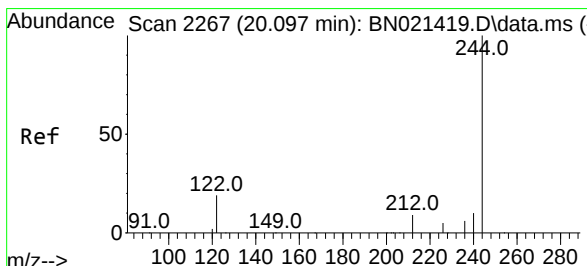
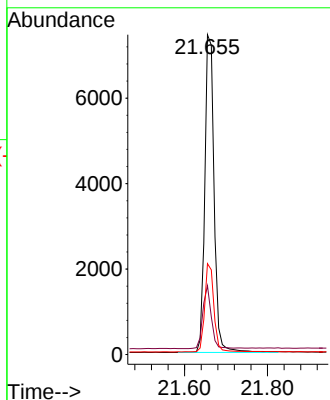
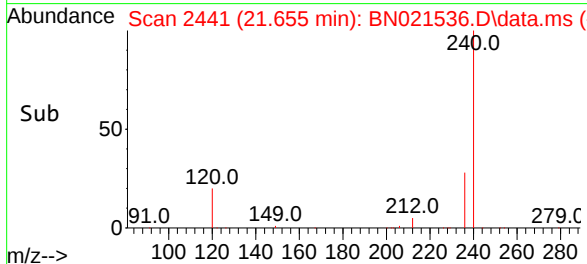
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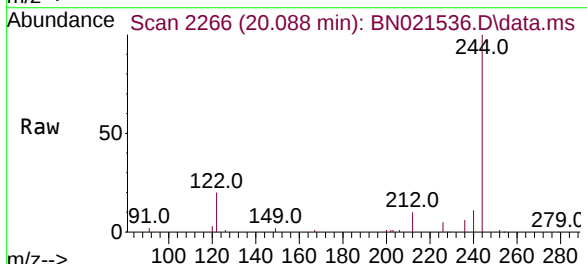
Tgt Ion:240 Resp: 11565
Ion Ratio Lower Upper
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120 21.5 10.2 15.4#
236 28.4 22.1 33.1#

Manual Integrations
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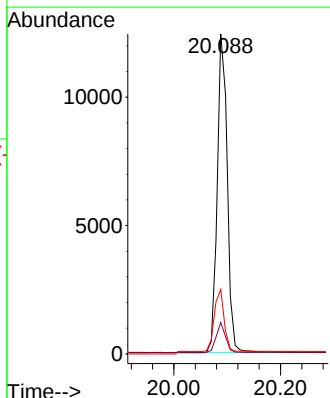
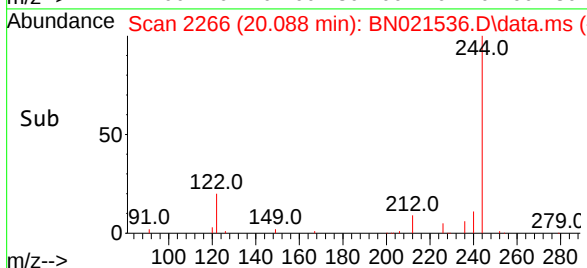
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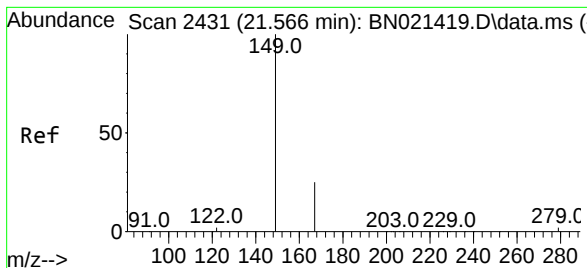


#31
Terphenyl-d14
Concen: 0.623 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43



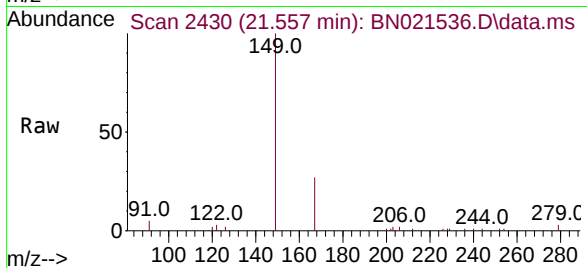
Tgt Ion:244 Resp: 16192
Ion Ratio Lower Upper
244 100
212 9.8 6.5 9.7#
122 20.1 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.484 ng
RT: 21.557 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

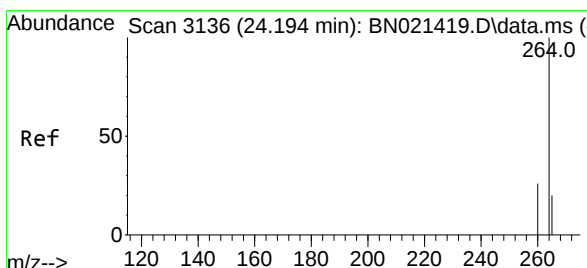
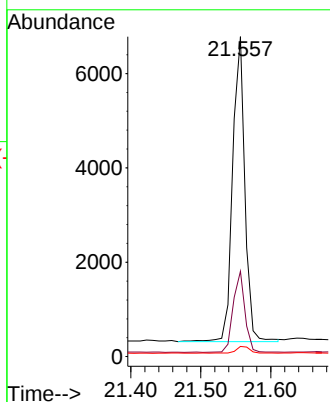
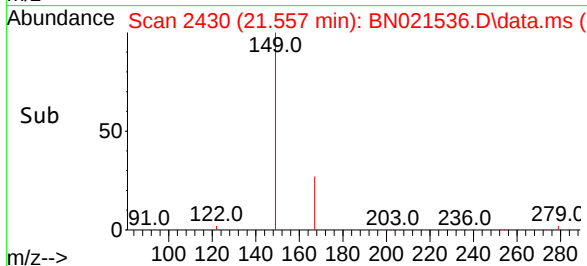
Instrument :
BNA_N
ClientSampleId :
RE134D1-20220823



Tgt Ion:149 Resp: 7860
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.0
279 2.5 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.179 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN021536.D
Acq: 01 Sep 2022 21:43

Tgt Ion:264 Resp: 7618
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 38.2 32.2 48.2

