

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021569.D
 Acq On : 02 Sep 2022 19:52
 Operator : CG/JU
 Sample : N4357-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823DL

Quant Time: Sep 03 03:09:24 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
 APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5840	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	18665	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10461	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	20516	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11307	0.400	ng	# 0.00
35) Perylene-d12	24.173	264	8634	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	351	0.031	ng	0.00
5) Phenol-d6	7.224	99	261	0.018	ng	0.00
8) Nitrobenzene-d5	9.243	82	750m	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	2566	0.061	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	158	0.046	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	4258	0.093	ng	0.00
27) Fluoranthene-d10	19.501	212	3395	0.064	ng	0.00
31) Terphenyl-d14	20.088	244	2737	0.108	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	9876	1.352	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.548	149	596	0.038	ng	# 88

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

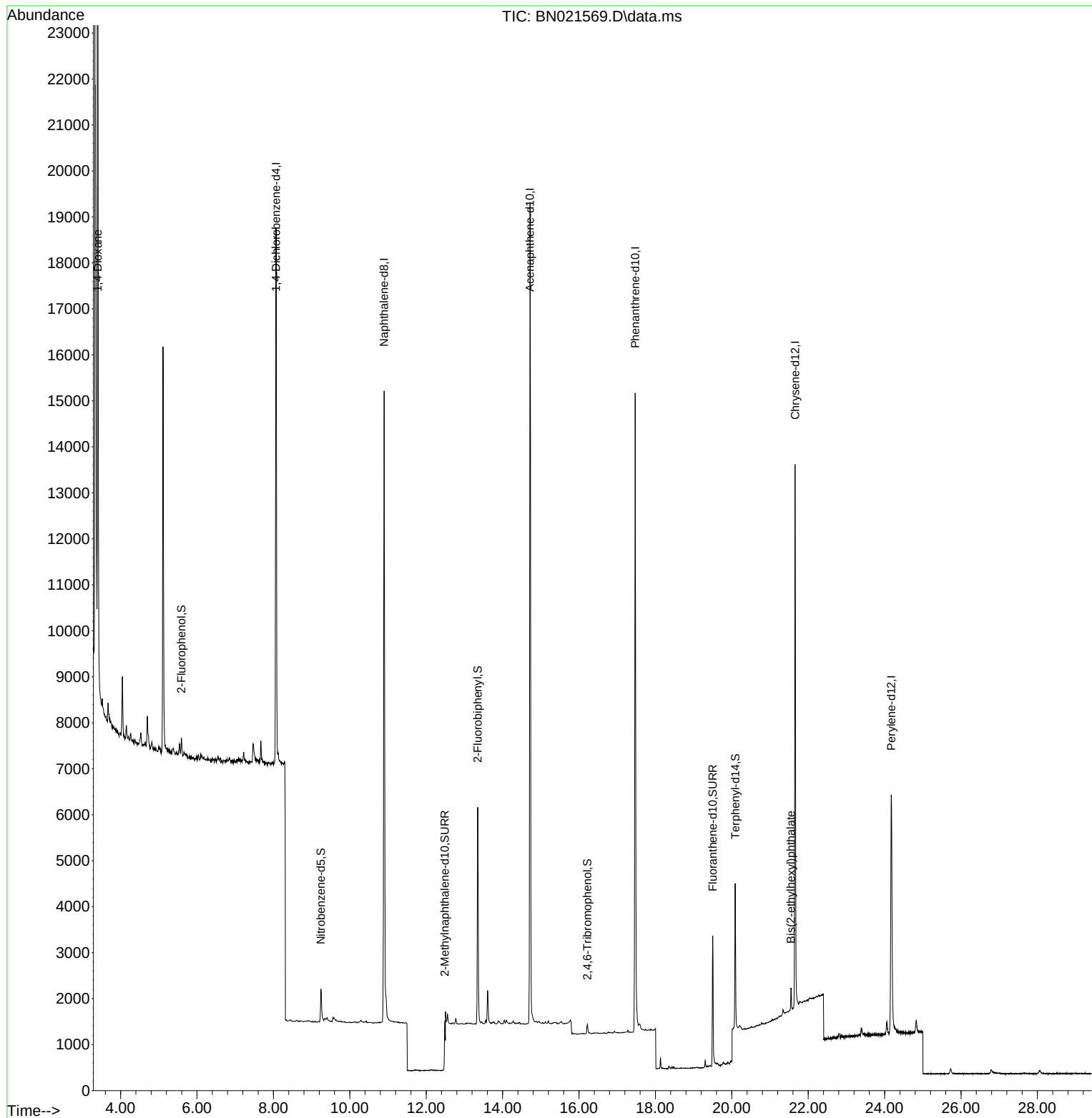
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021569.D
Acq On : 02 Sep 2022 19:52
Operator : CG/JU
Sample : N4357-07DL 5X
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ALS Vial : 12 Sample Multiplier: 1

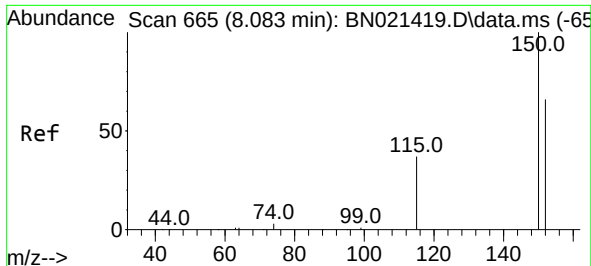
Instrument :
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ClientSampleId :
RE134D3-20220823DL

Quant Time: Sep 03 03:09:24 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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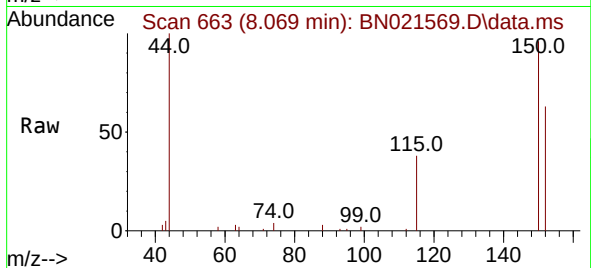
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

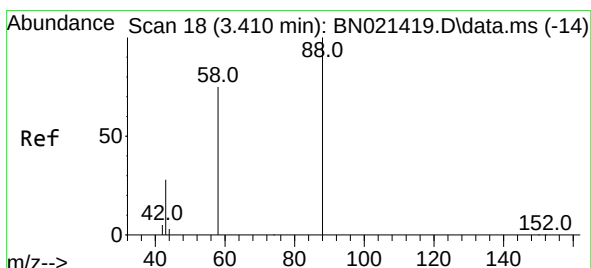
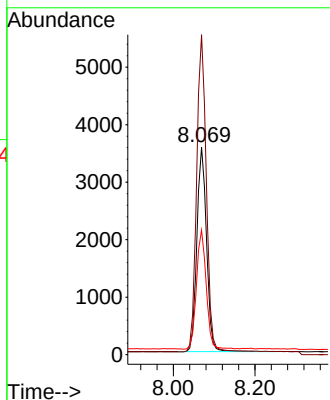
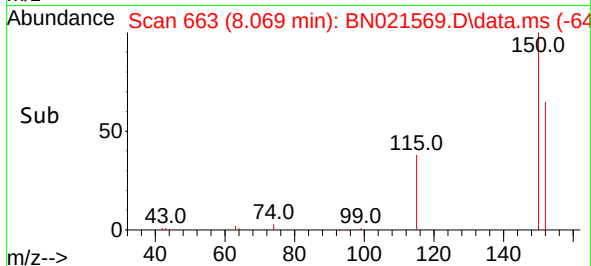
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823DL



Tgt Ion: 152 Resp: 5840
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.4 182.0
 115 60.0 48.6 72.8

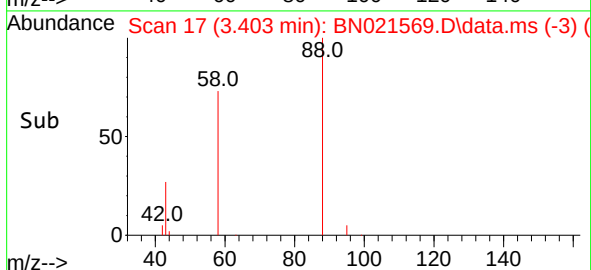
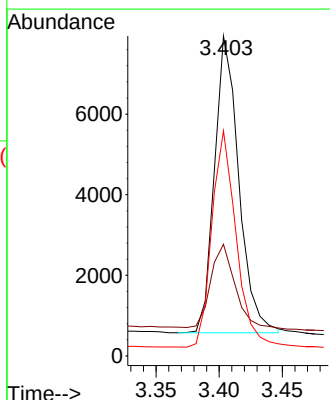
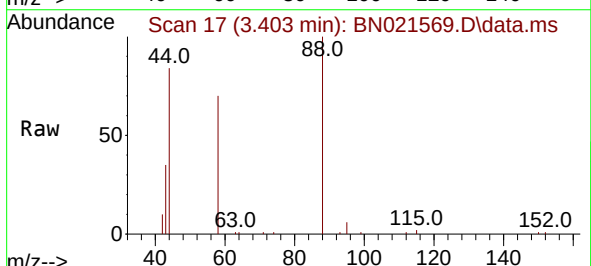
Manual Integrations
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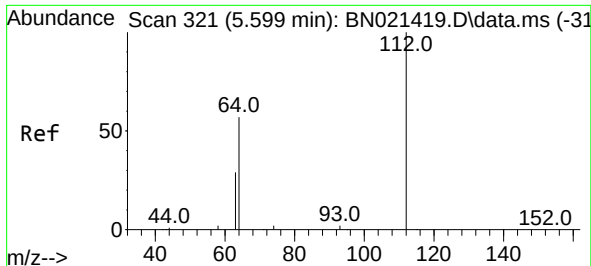
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 Supervised By :Jagrut Upadhyay 09/06/2022



#2
 1,4-Dioxane
 Concen: 1.352 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

Tgt Ion: 88 Resp: 9876
 Ion Ratio Lower Upper
 88 100
 43 27.8 35.8 53.8#
 58 72.4 57.1 85.7





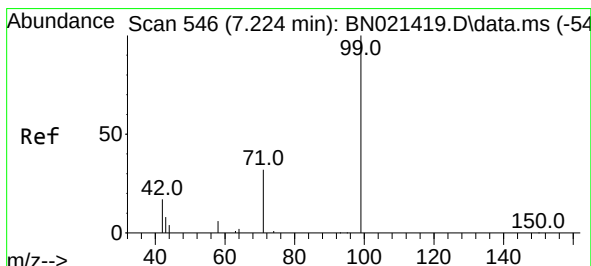
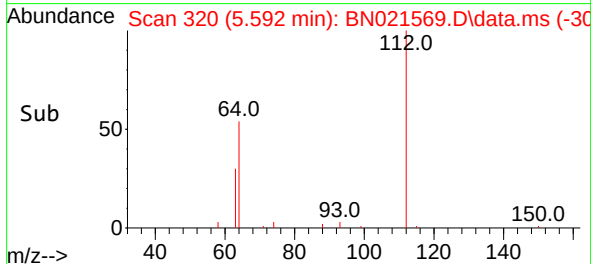
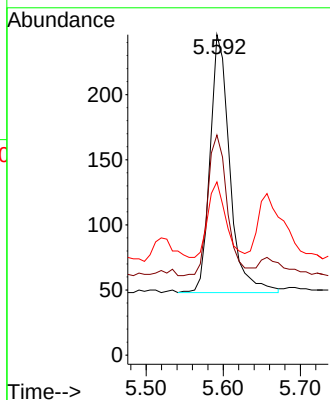
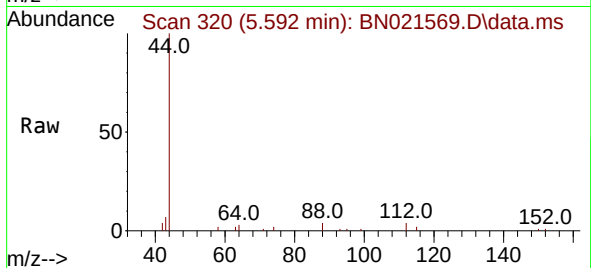
#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823DL

Tgt Ion: 112 Resp: 35
Ion Ratio Lower Upper
112 100
64 53.8 43.5 65.3
63 26.2 22.6 34.0

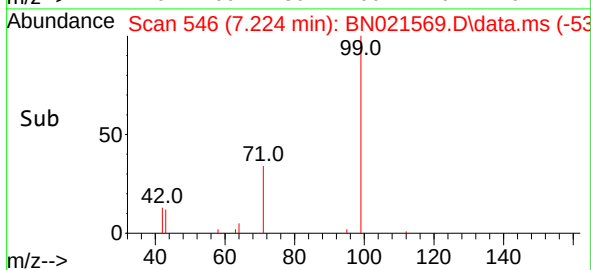
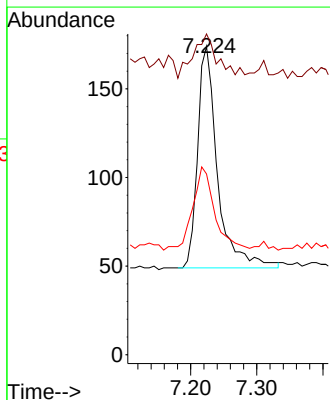
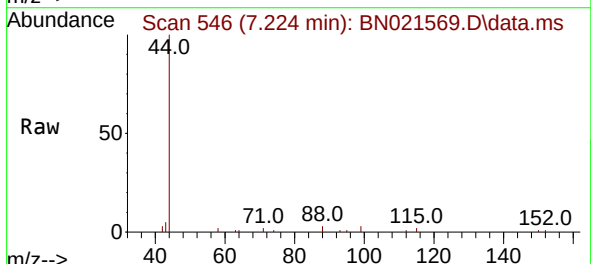
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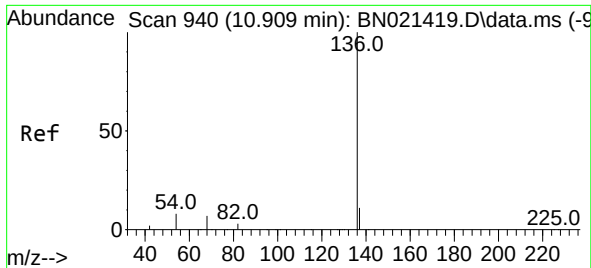
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#5
Phenol-d6
Concen: 0.018 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

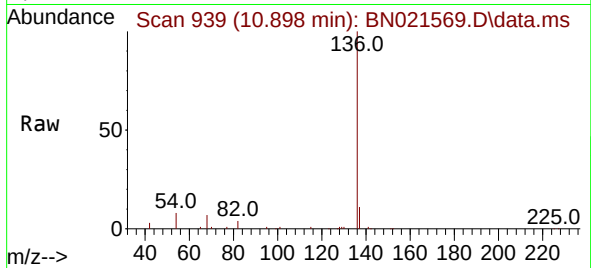
Tgt Ion: 99 Resp: 261
Ion Ratio Lower Upper
99 100
42 25.7 15.5 23.3#
71 41.8 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

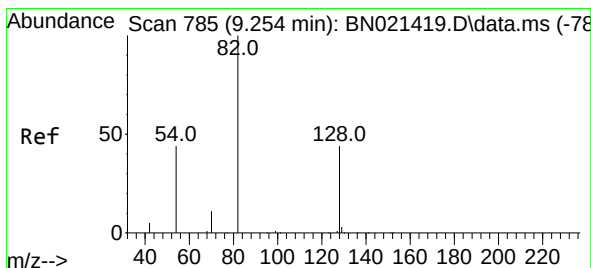
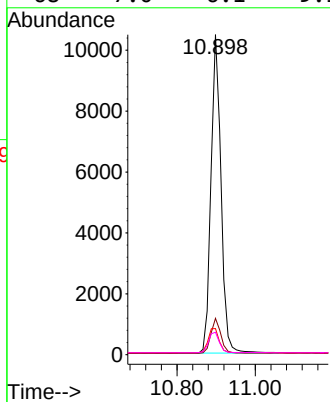
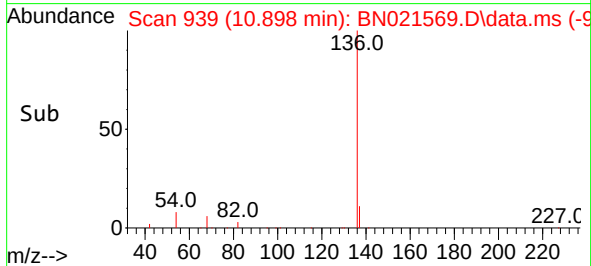
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823DL



Tgt Ion:136 Resp: 1866
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 8.2 6.9 10.3
68 7.0 6.1 9.1

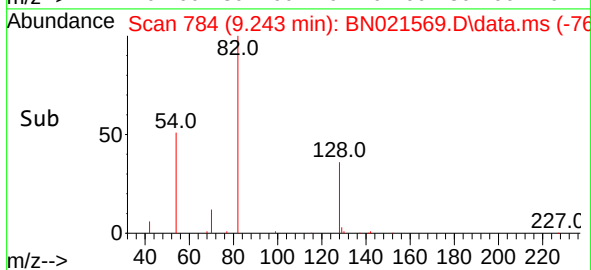
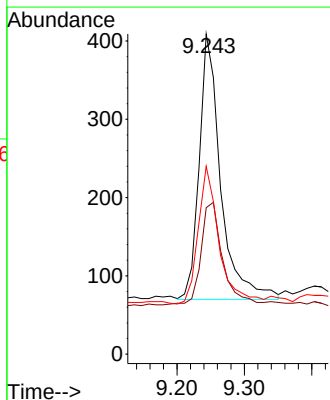
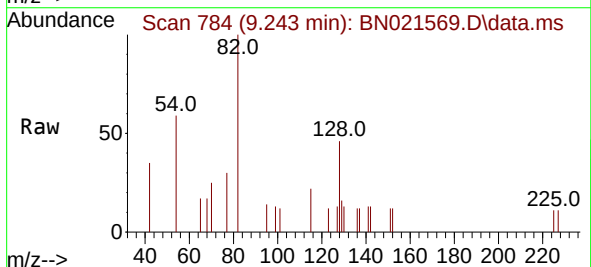
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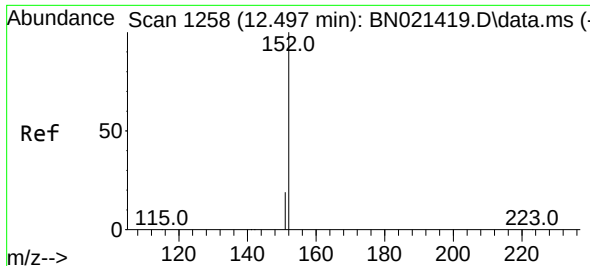
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#8
Nitrobenzene-d5
Concen: 0.059 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

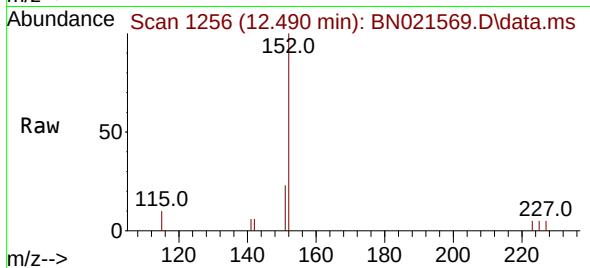
Tgt Ion: 82 Resp: 750
Ion Ratio Lower Upper
82 100
128 45.7 30.9 46.3
54 58.7 42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.061 ng
RT: 12.490 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

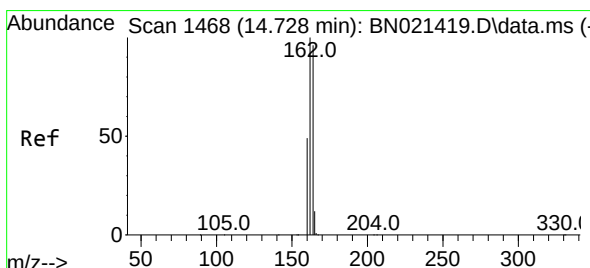
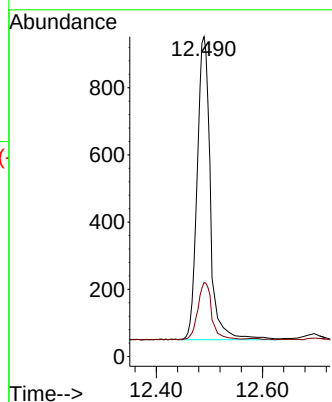
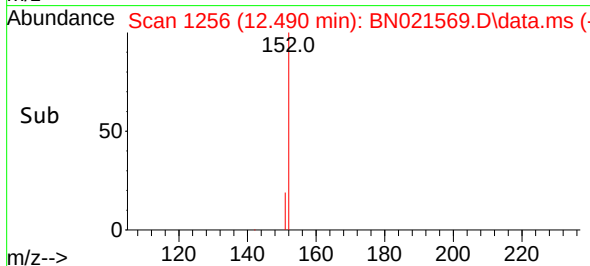
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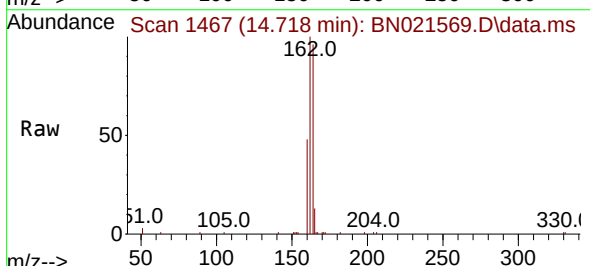
Tgt Ion:152 Resp: 2560
Ion Ratio Lower Upper
152 100
151 15.6 14.5 21.7

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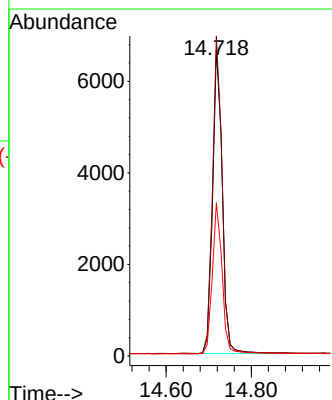
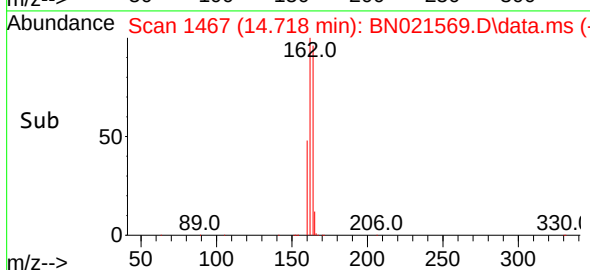
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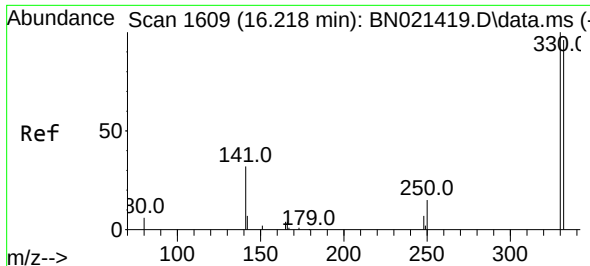


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52



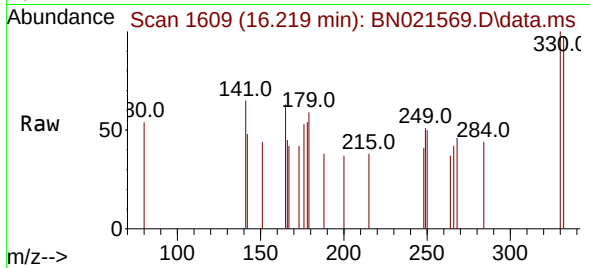
Tgt Ion:164 Resp: 10461
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 50.0 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

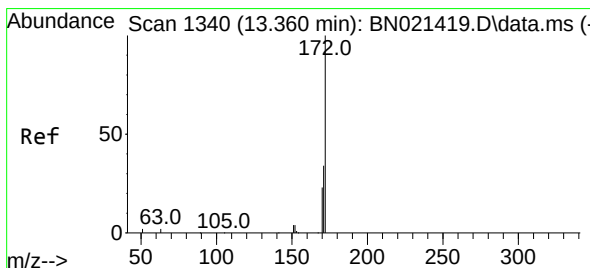
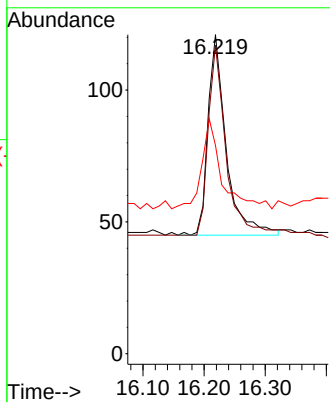
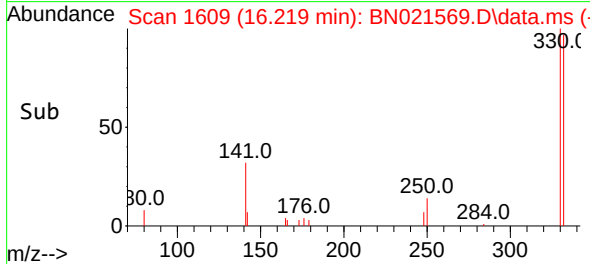
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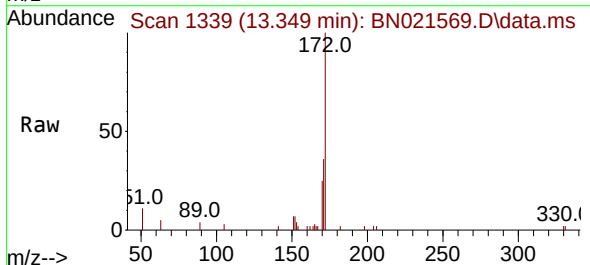
Tgt Ion:330 Resp: 158
Ion Ratio Lower Upper
330 100
332 91.8 79.3 118.9
141 48.1 37.1 55.7

Manual Integrations
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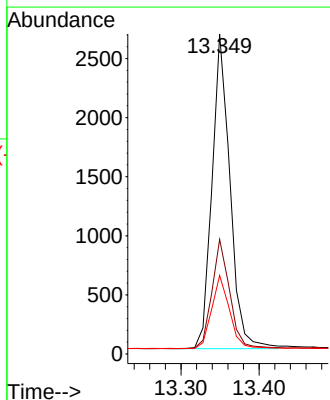
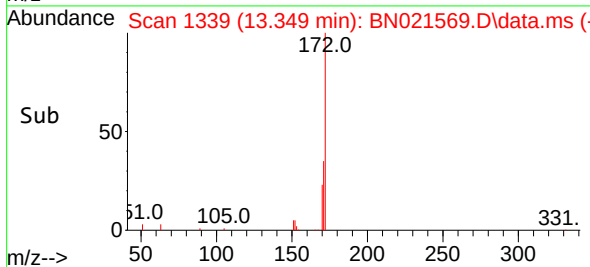
Reviewed By :Christian Giraldo 09/06/2022
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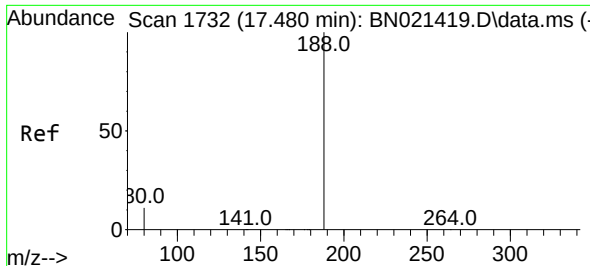


#15
2-Fluorobiphenyl
Concen: 0.093 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52



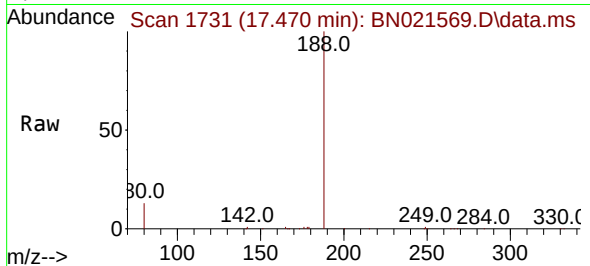
Tgt Ion:172 Resp: 4258
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.6 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

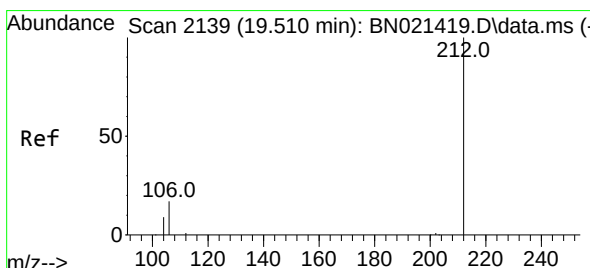
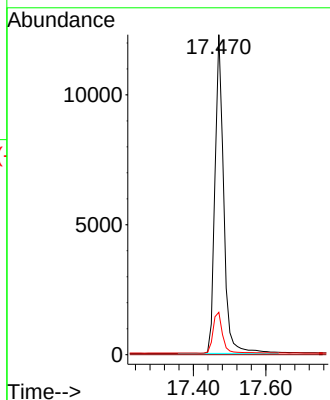
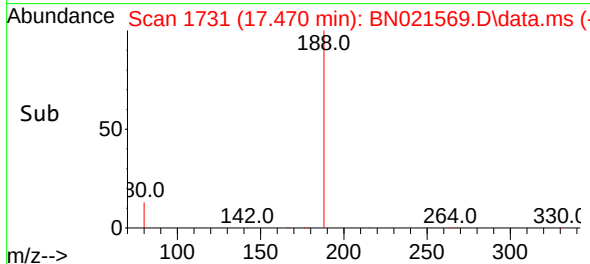
Instrument :
BNA_N
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Tgt Ion:188 Resp: 20510
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 13.2 9.5 14.3

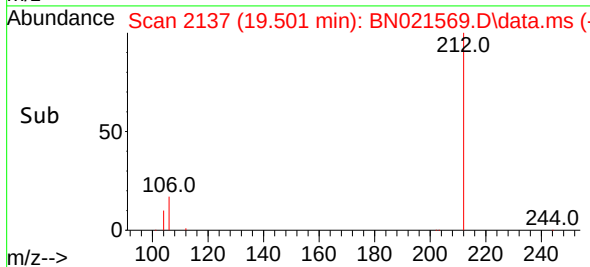
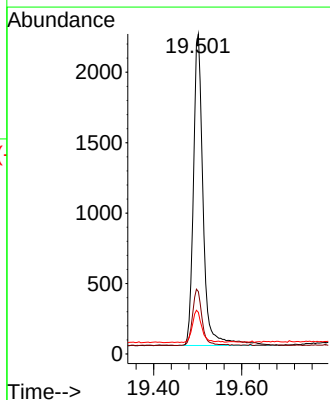
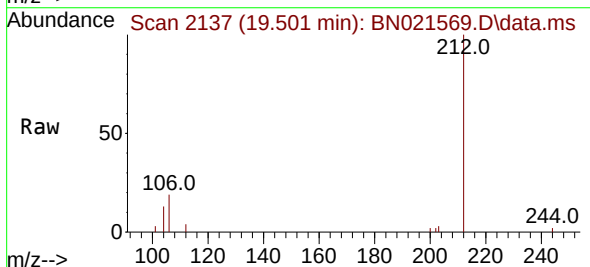
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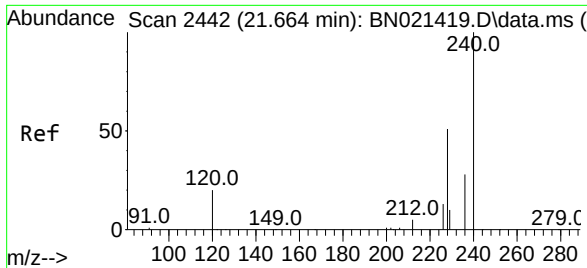
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#27
Fluoranthene-d10
Concen: 0.064 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

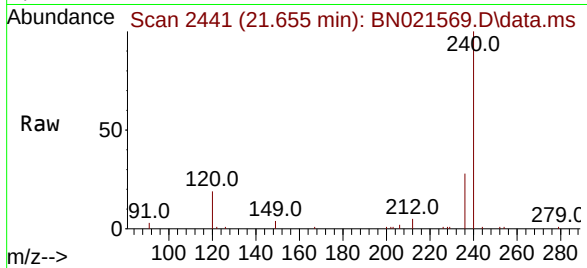
Tgt Ion:212 Resp: 3395
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 9.8 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

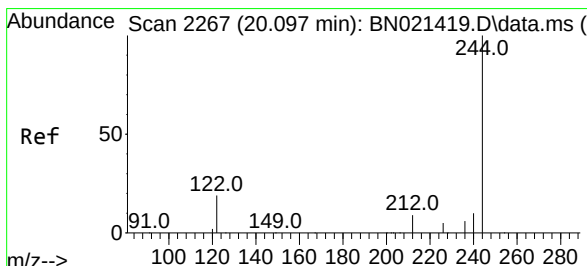
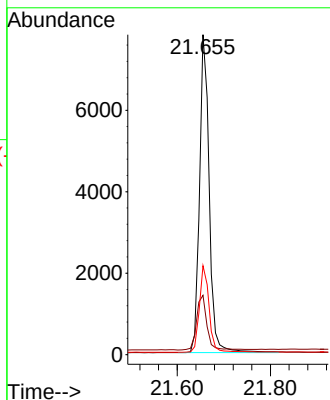
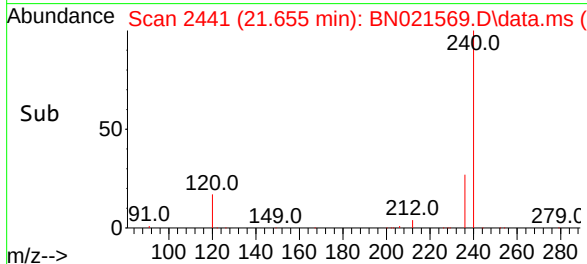
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823DL



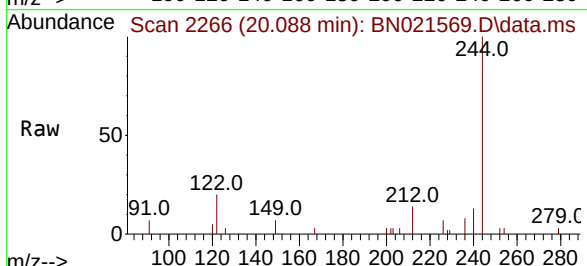
Tgt Ion:240 Resp: 1130
Ion Ratio Lower Upper
240 100
120 18.5 10.2 15.4#
236 27.8 22.1 33.1#

Manual Integrations
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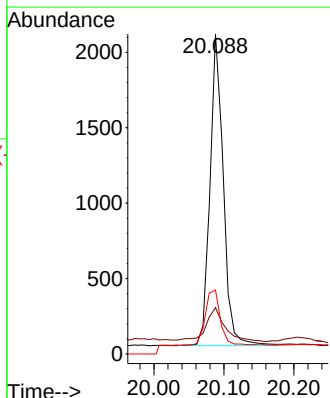
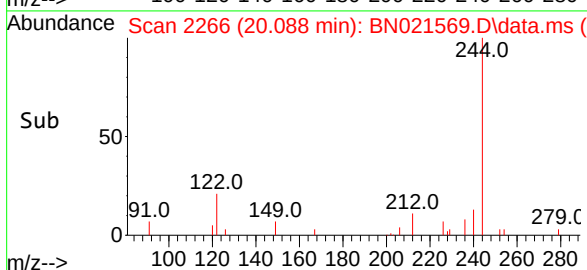
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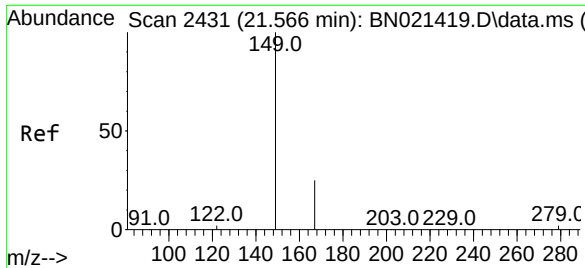


#31
Terphenyl-d14
Concen: 0.108 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52



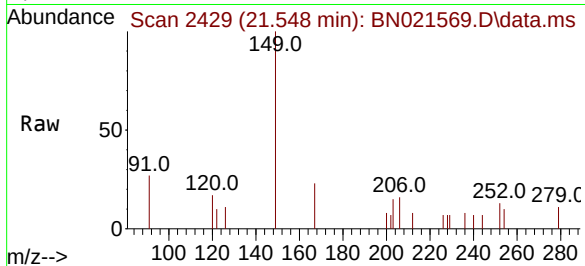
Tgt Ion:244 Resp: 2737
Ion Ratio Lower Upper
244 100
212 14.4 6.5 9.7#
122 20.0 9.1 13.7#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.038 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

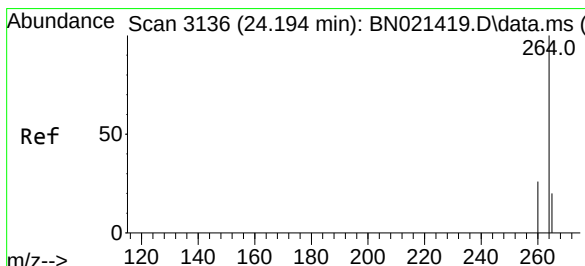
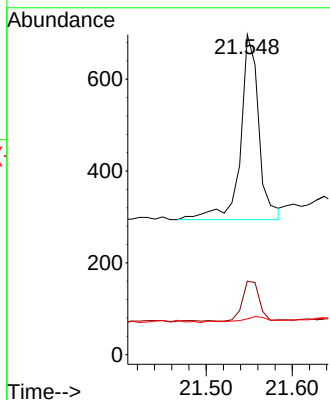
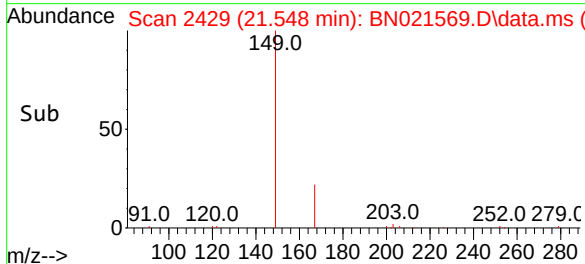
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823DL



Tgt Ion:149 Resp: 590
 Ion Ratio Lower Upper
 149 100
 167 20.1 21.4 32.0
 279 5.0 2.2 3.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.173 min Scan# 3129
 Delta R.T. -0.012 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

Tgt Ion:264 Resp: 8634
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.6
 265 37.4 32.2 48.2

