

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017890.D
 Acq On : 11 Dec 2021 03:18
 Operator : CG/JU
 Sample : M4923-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130DL

Quant Time: Dec 11 05:46:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	26428	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	106105	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	71073	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	145435	0.400	ng	0.00
29) Chrysene-d12	21.282	240	111361	0.400	ng	#-0.01
35) Perylene-d12	23.585	264	69839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	3106	0.057	ng	0.00
5) Phenol-d6	6.903	99	1768	0.033	ng	0.00
8) Nitrobenzene-d5	8.859	82	8457	0.122	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	24103	0.129	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1984	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	35535	0.142	ng	0.00
27) Fluoranthene-d10	19.124	212	81604	0.173	ng	0.00
31) Terphenyl-d14	19.730	244	68008	0.248	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	22419m	2.795	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	21167	0.177	ng	98

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

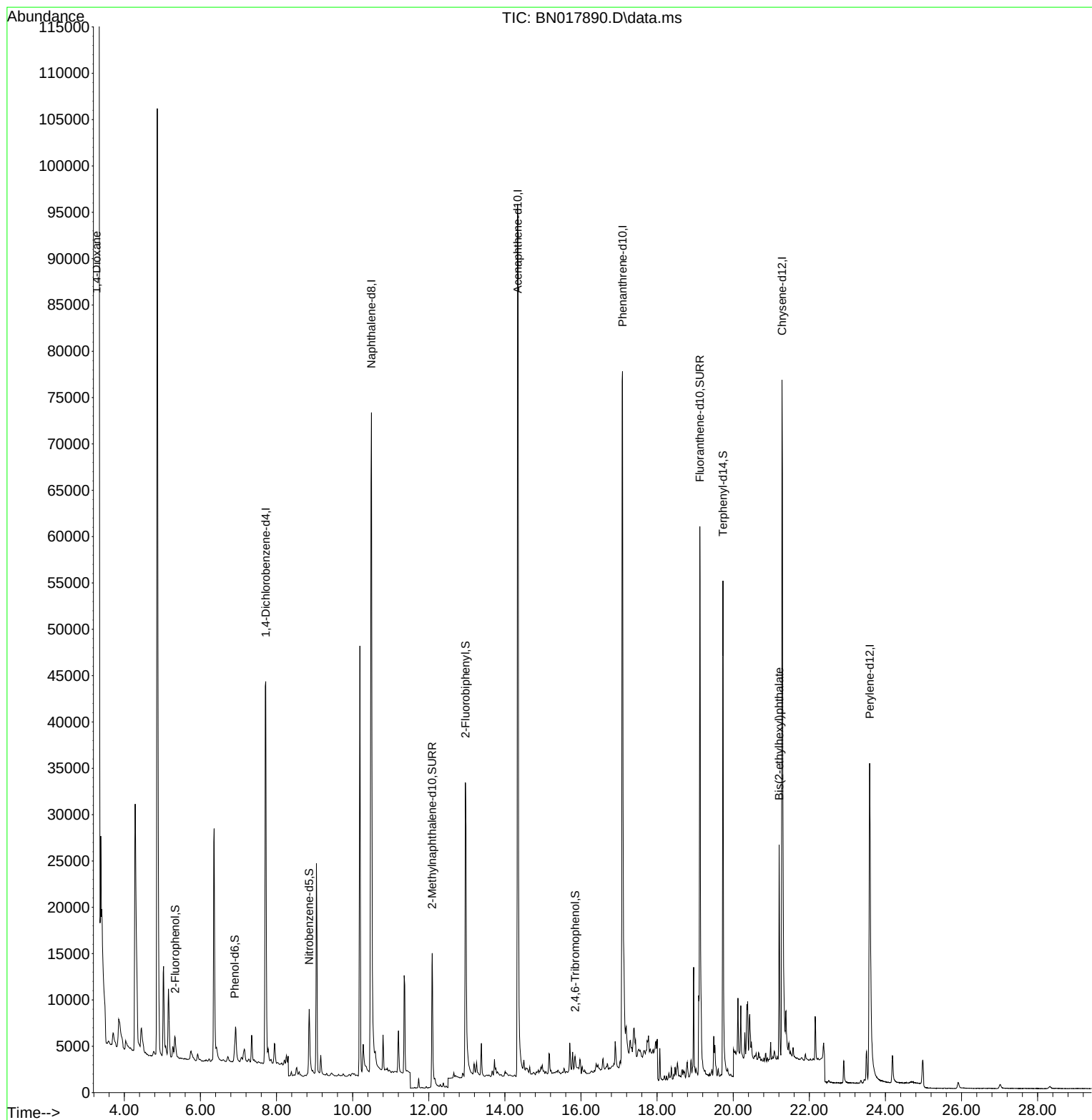
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017890.D
Acq On : 11 Dec 2021 03:18
Operator : CG/JU
Sample : M4923-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

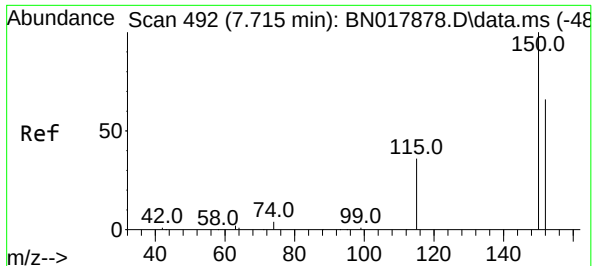
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL

Quant Time: Dec 11 05:46:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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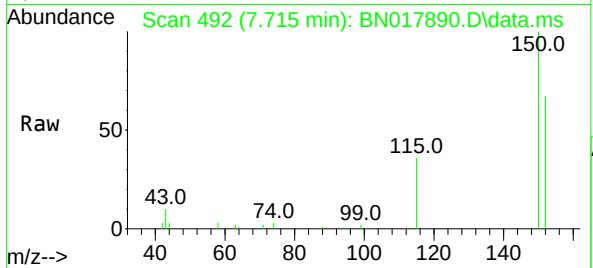
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

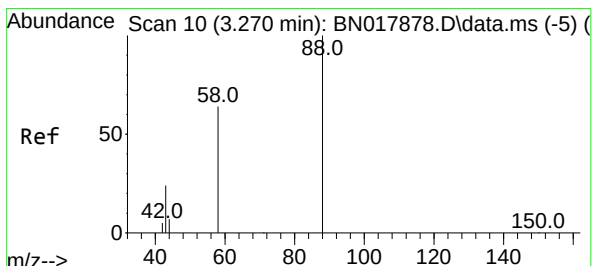
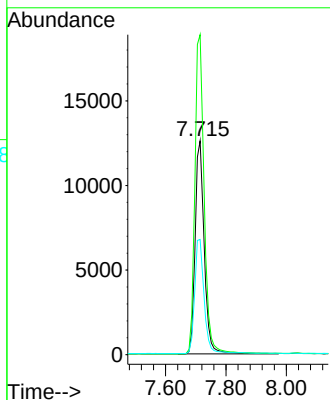
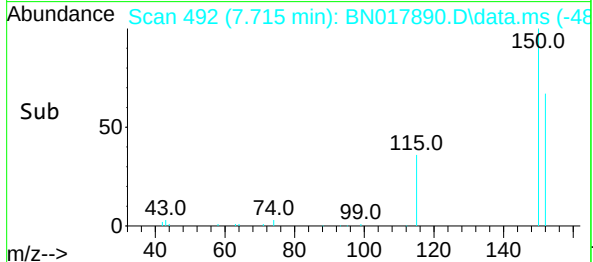
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL



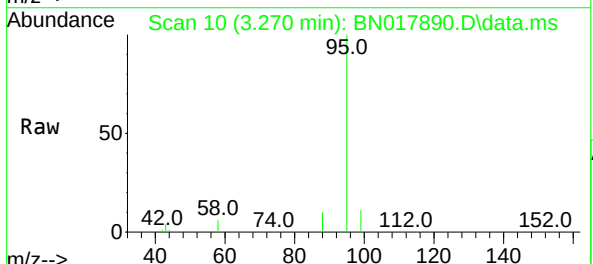
Tgt Ion:152 Resp: 26428
Ion Ratio Lower Upper
152 100
150 149.6 121.9 182.9
115 53.9 44.1 66.1

Manual Integrations
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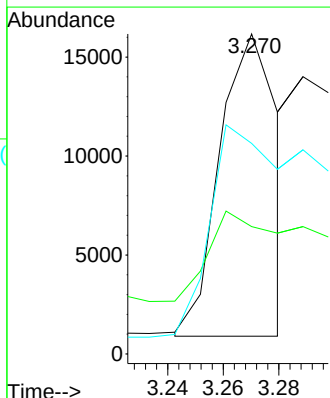
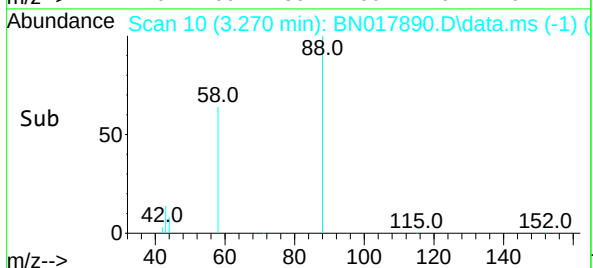
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

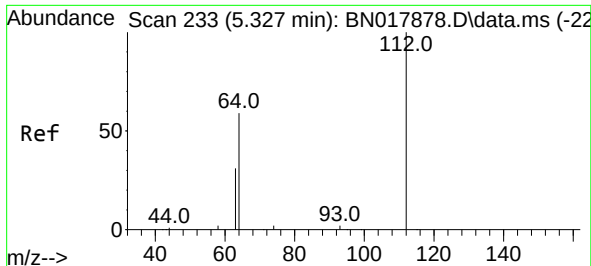


#2
1,4-Dioxane
Concen: 2.795 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18



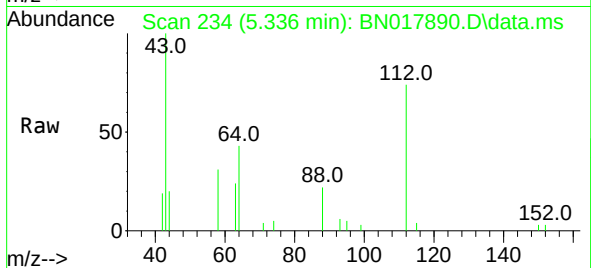
Tgt Ion: 88 Resp: 22419
Ion Ratio Lower Upper
88 100
43 50.3 28.0 42.0#
58 123.3 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

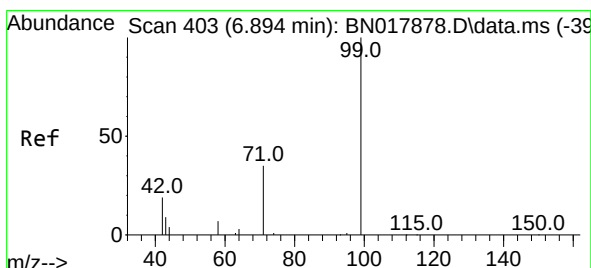
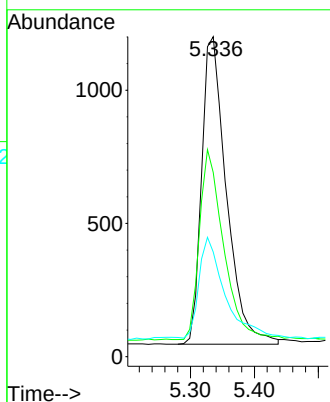
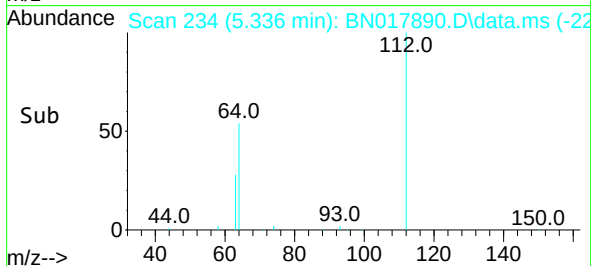
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL



Tgt Ion: 112 Resp: 3100
Ion Ratio Lower Upper
112 100
64 60.0 49.0 73.4
63 33.5 26.2 39.2

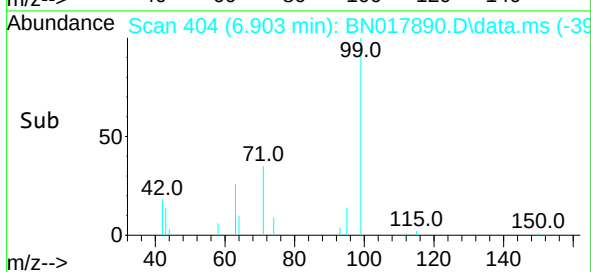
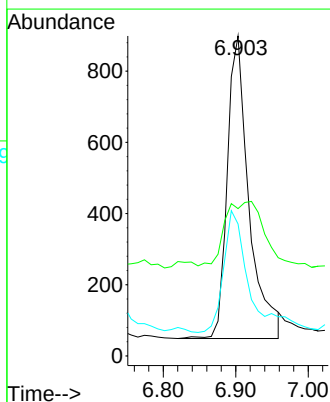
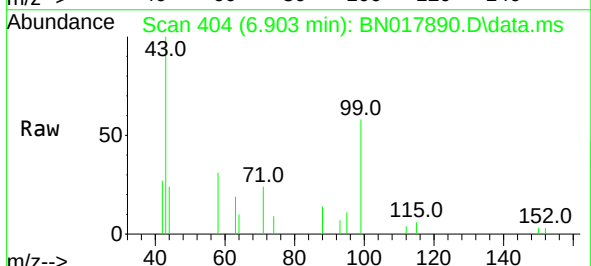
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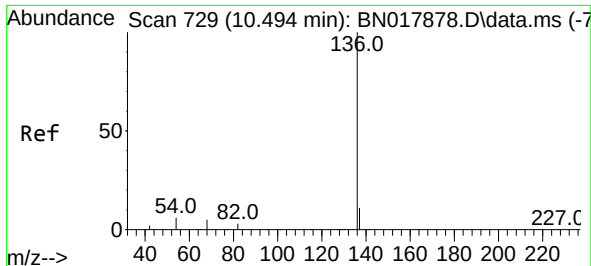
Reviewed By :Christian Giraldo 12/13/2021
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#5
Phenol-d6
Concen: 0.033 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

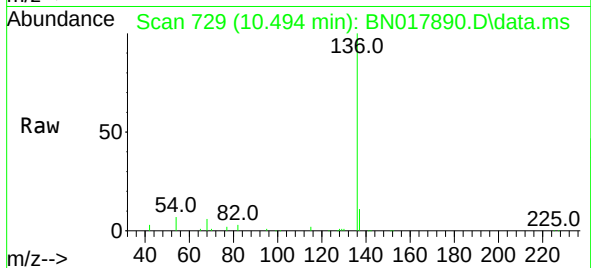
Tgt Ion: 99 Resp: 1768
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 44.5 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

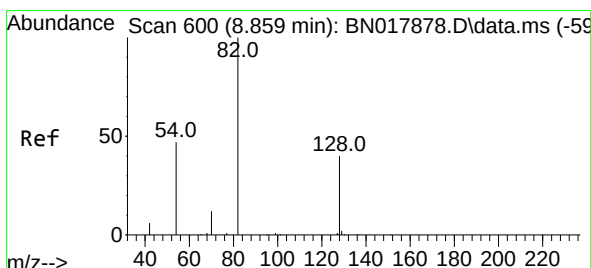
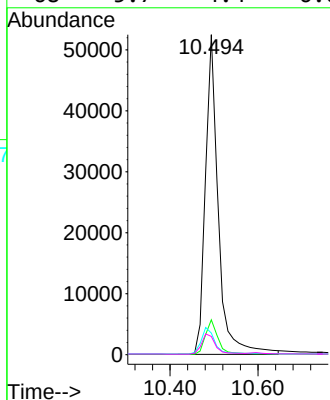
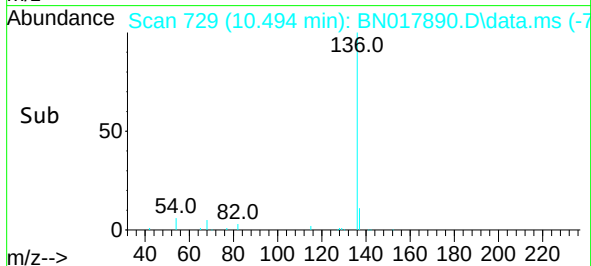
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:136 Resp: 10610
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.1 7.7
68 5.7 4.4 6.6

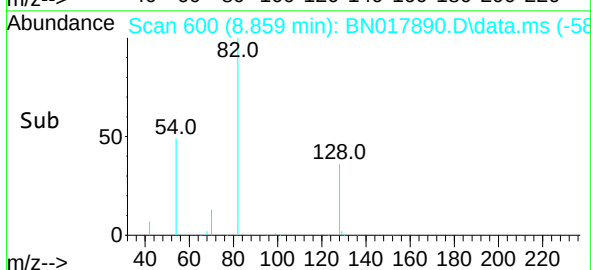
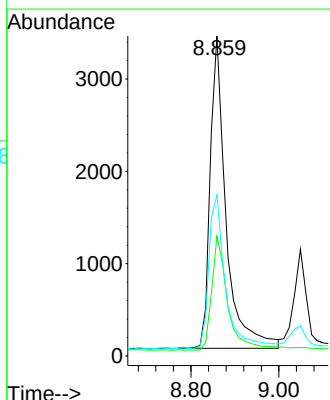
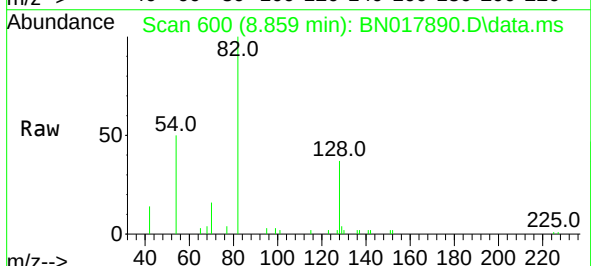
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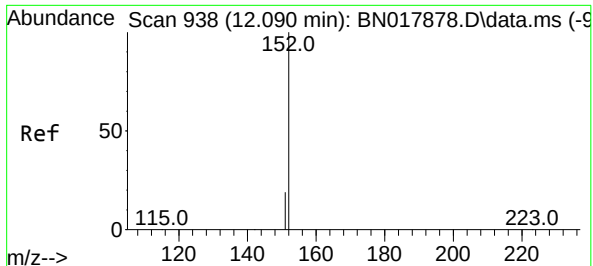
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.122 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

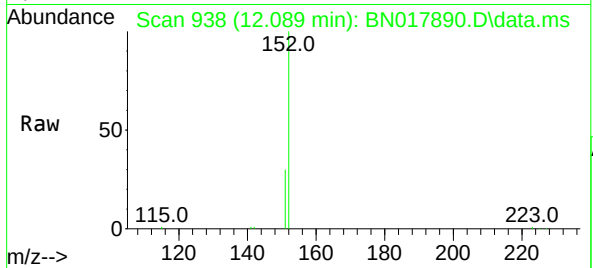
Tgt Ion: 82 Resp: 8457
Ion Ratio Lower Upper
82 100
128 37.5 32.2 48.4
54 50.4 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.129 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

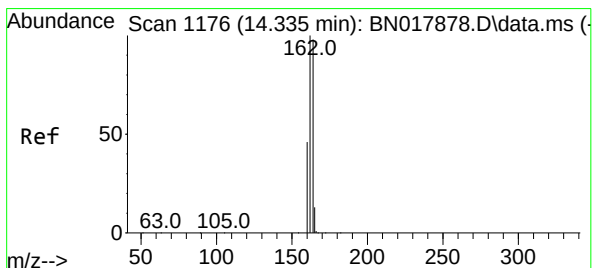
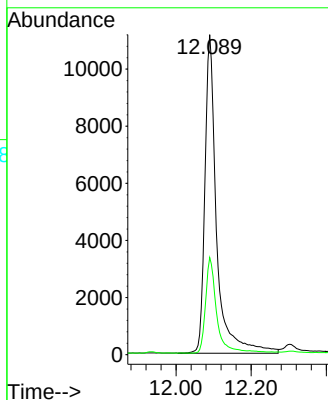
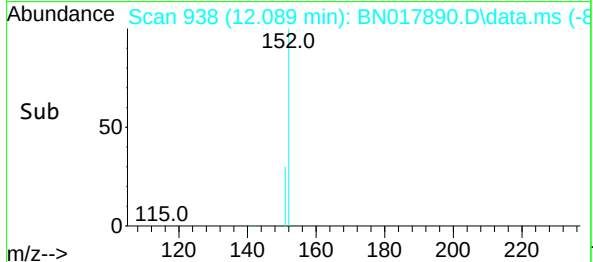
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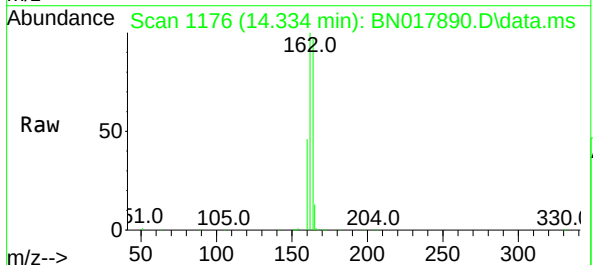
Tgt Ion:152 Resp: 2410
Ion Ratio Lower Upper
152 100
151 28.7 16.4 24.6

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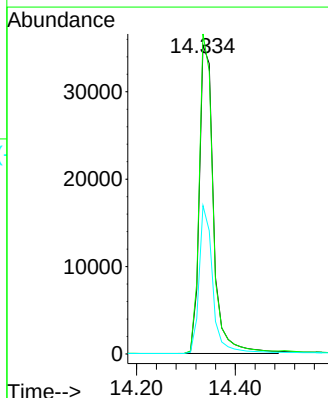
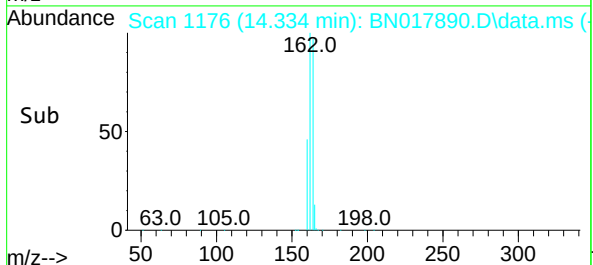
Reviewed By :Christian Giraldo 12/13/2021
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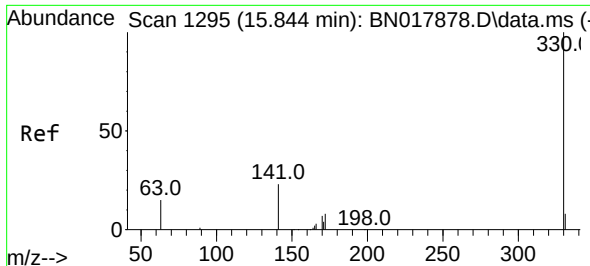


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18



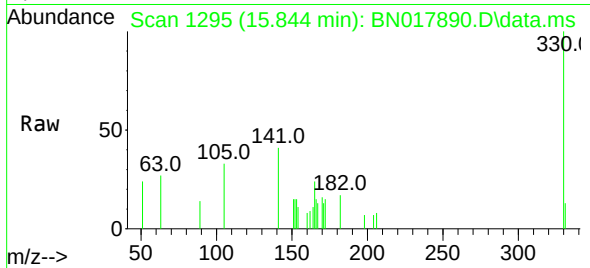
Tgt Ion:164 Resp: 71073
Ion Ratio Lower Upper
164 100
162 103.6 82.1 123.1
160 48.0 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

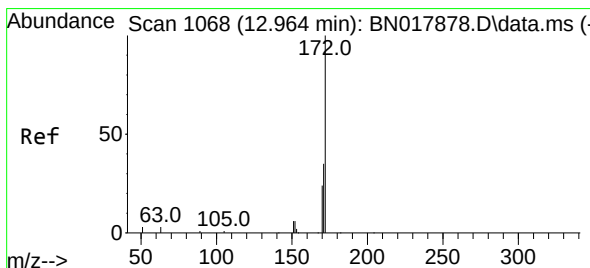
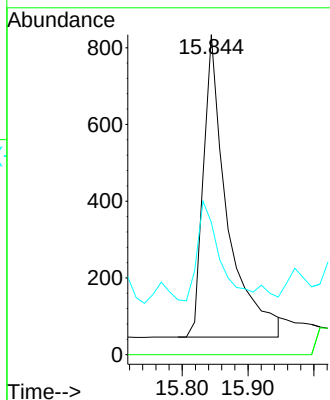
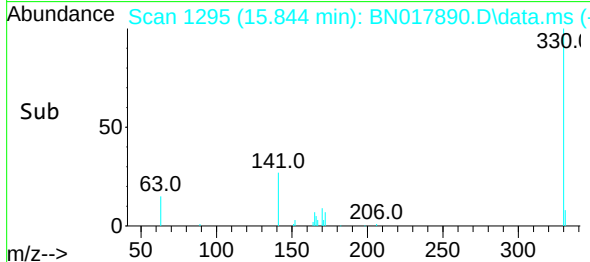
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL



Tgt Ion: 330 Resp: 1984
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.5 19.7 29.5

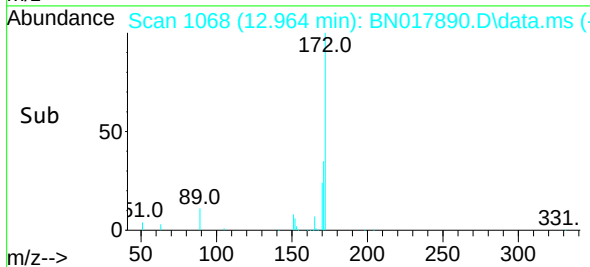
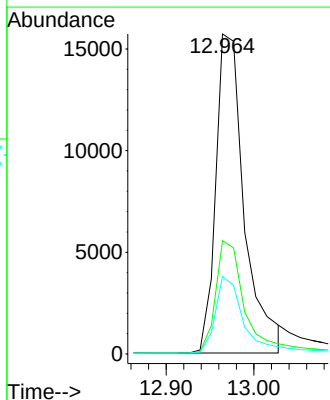
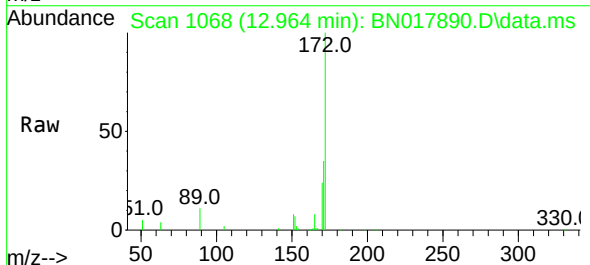
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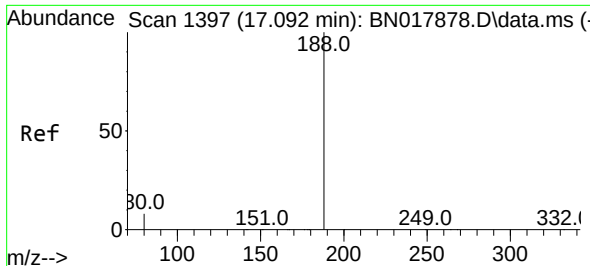
Reviewed By : Christian Giraldo 12/13/2021
Supervised By : Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.142 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

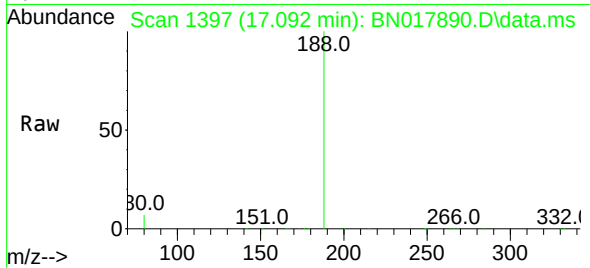
Tgt Ion: 172 Resp: 35535
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.2 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

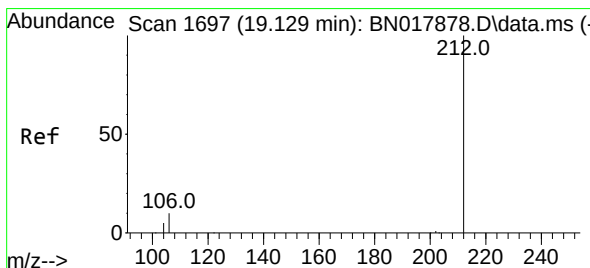
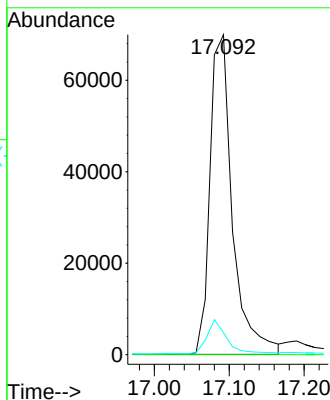
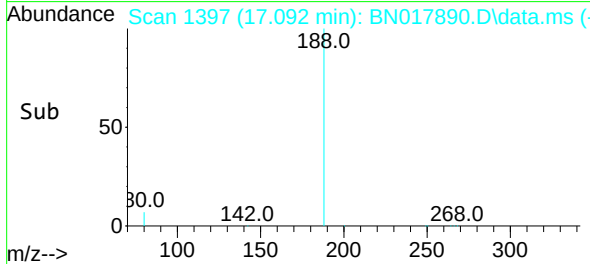
Instrument :
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ClientSampleId :
RE103D1-20211130DL



Tgt Ion:188 Resp: 145435
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 6.9 6.2 9.2

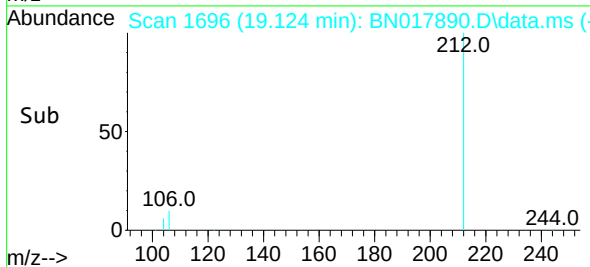
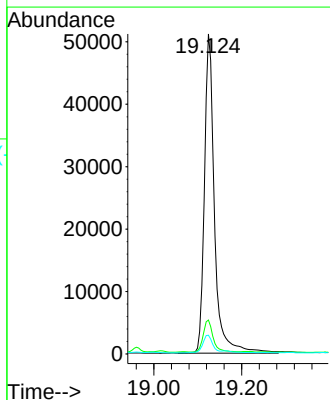
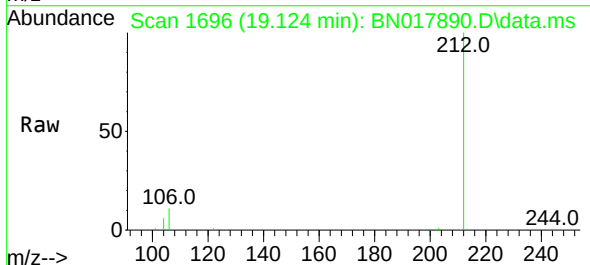
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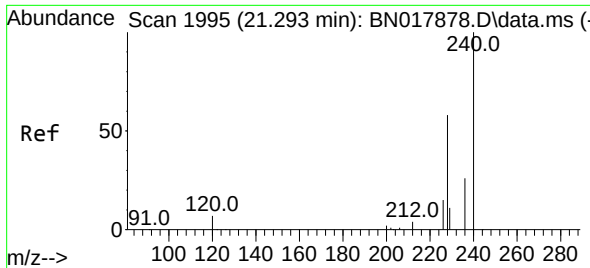
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#27
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

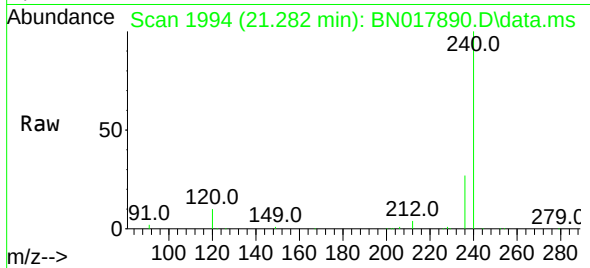
Tgt Ion:212 Resp: 81604
Ion Ratio Lower Upper
212 100
106 9.7 8.3 12.5
104 5.4 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

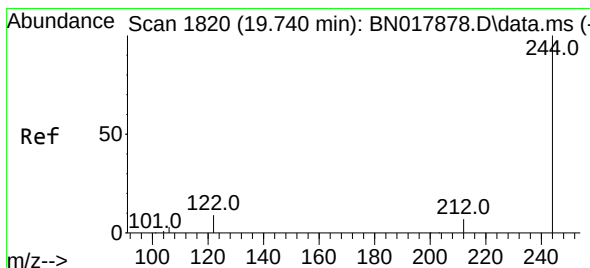
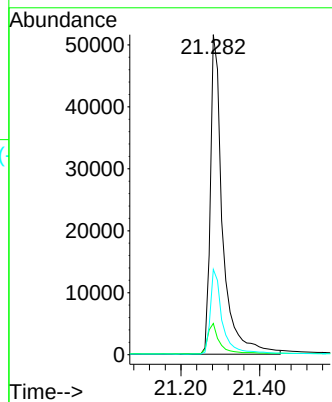
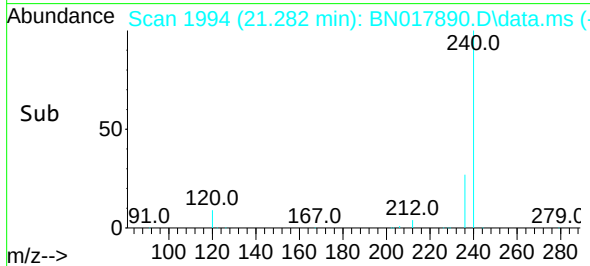
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL



Tgt Ion:240 Resp: 11136
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8
236 26.7 21.0 31.6

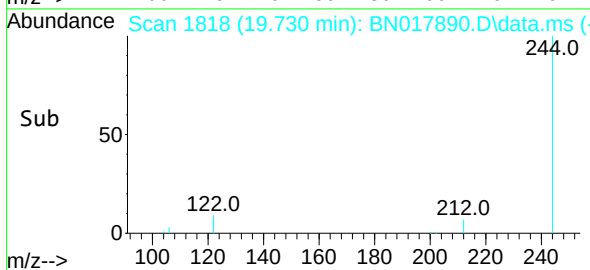
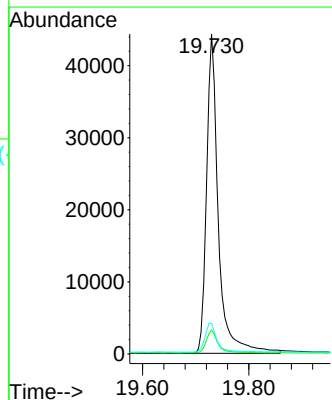
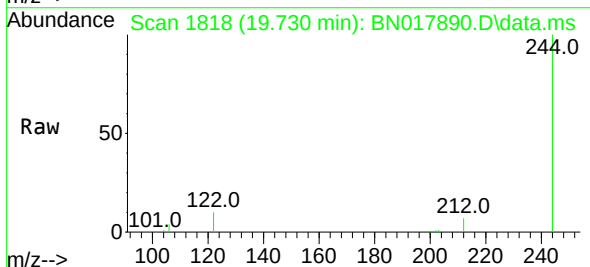
Manual Integrations
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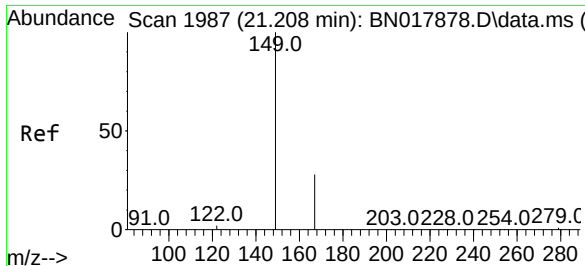
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#31
Terphenyl-d14
Concen: 0.248 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

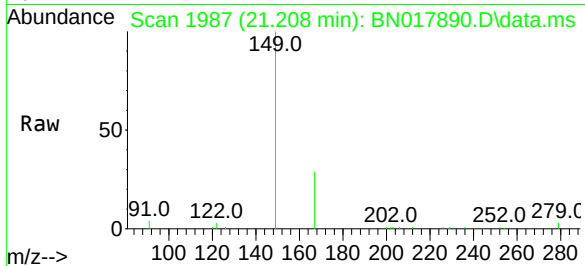
Tgt Ion:244 Resp: 68008
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.6 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.177 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

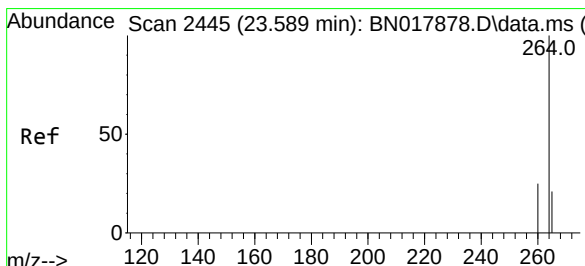
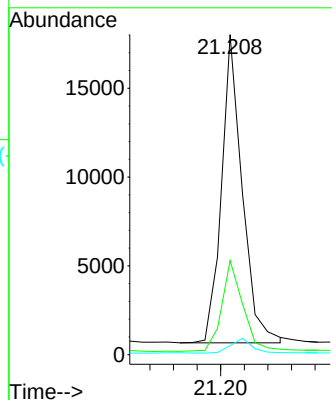
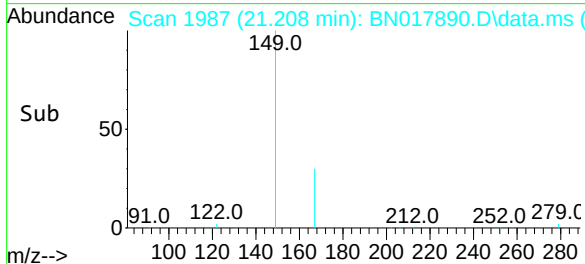
Instrument :
BNA_N
ClientSampleId :
RE103D1-20211130DL



Tgt Ion:149 Resp: 2116
Ion Ratio Lower Upper
149 100
167 30.1 23.4 35.0
279 4.8 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.585 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN017890.D
Acq: 11 Dec 2021 03:18

Tgt Ion:264 Resp: 69839
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 22.3 18.2 27.4

