

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017919.D
 Acq On : 12 Dec 2021 00:27
 Operator : CG/JU
 Sample : M4956-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20211202

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 02:52:11 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21992	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	85879	0.400	ng	# 0.00
13) Acenaphthene-d10	14.335	164	57920	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	117844	0.400	ng	0.00
29) Chrysene-d12	21.293	240	78842	0.400	ng	0.00
35) Perylene-d12	23.593	264	50781	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6088	0.134	ng	0.00
5) Phenol-d6	6.903	99	3064	0.068	ng	0.00
8) Nitrobenzene-d5	8.859	82	14926	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	39760	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	2965	0.426	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	59012	0.290	ng	0.01
27) Fluoranthene-d10	19.129	212	151740	0.397	ng	0.00
31) Terphenyl-d14	19.730	244	145167	0.747	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	58216m	8.723	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	16022	0.189	ng	100

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

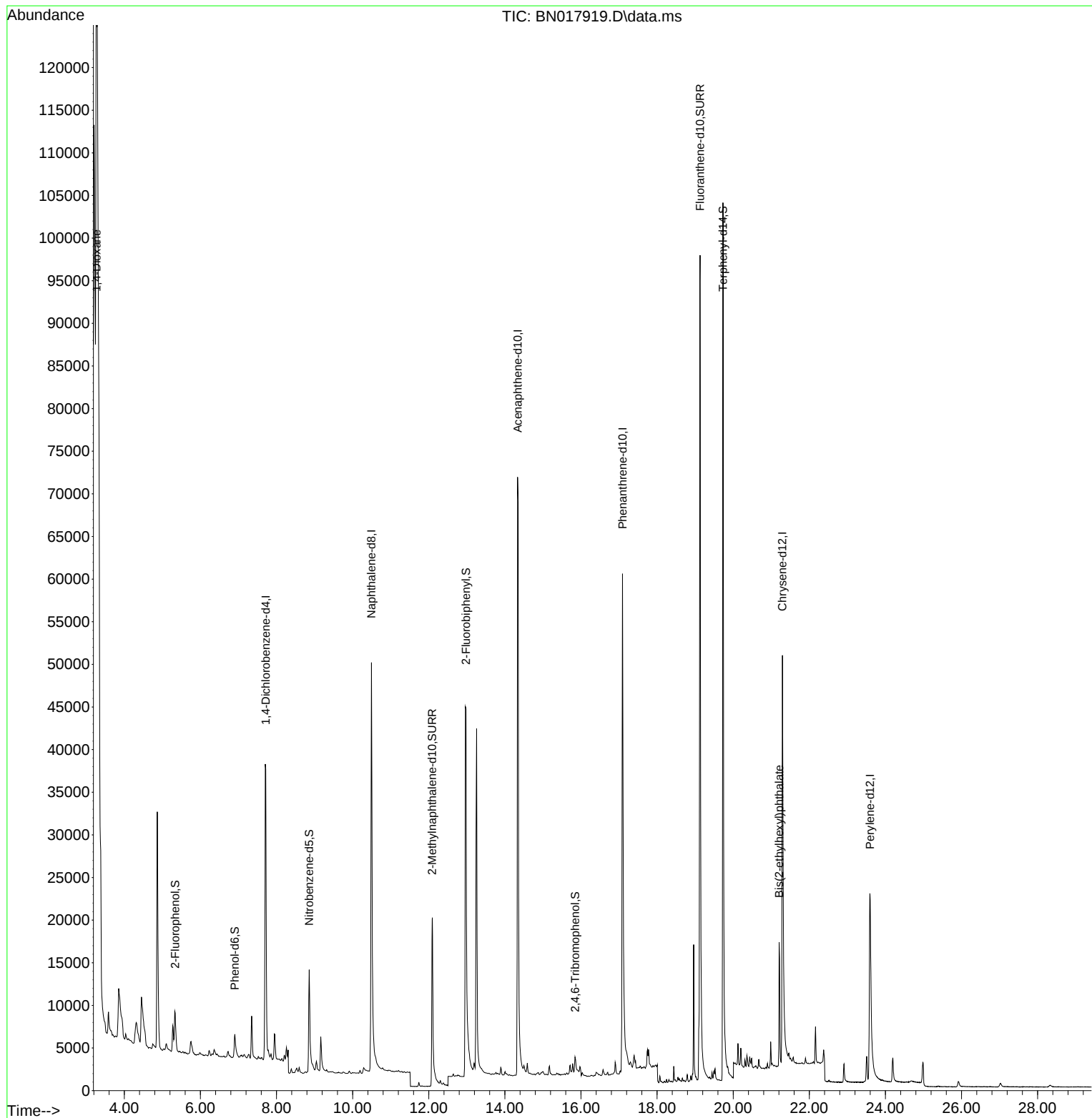
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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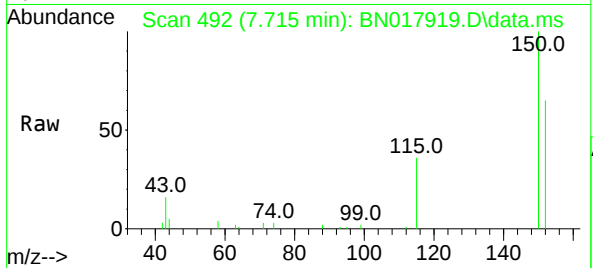
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

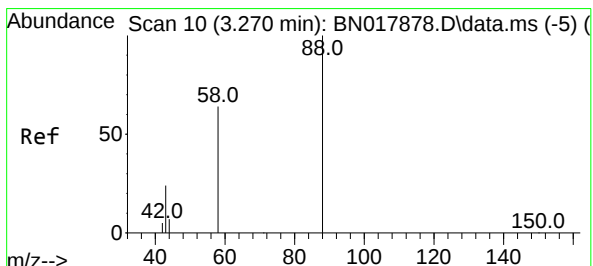
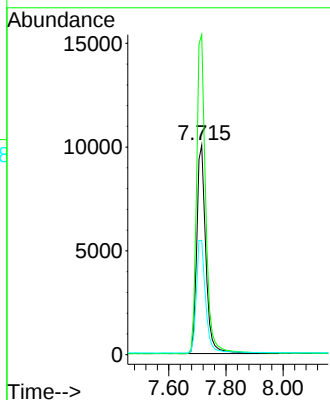
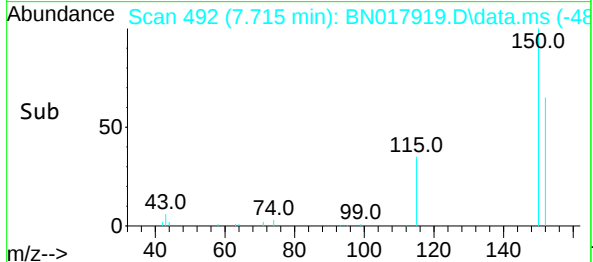
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202



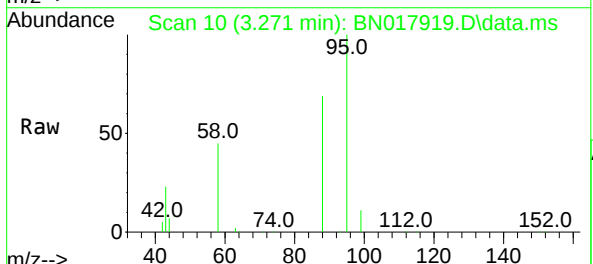
Tgt Ion: 152 Resp: 21992
Ion Ratio Lower Upper
152 100
150 152.8 121.9 182.9
115 54.5 44.1 66.1

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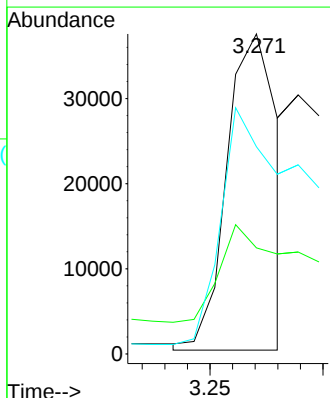
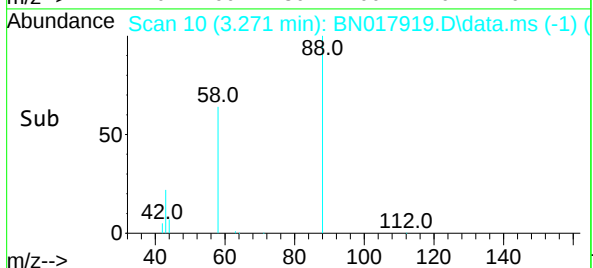
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

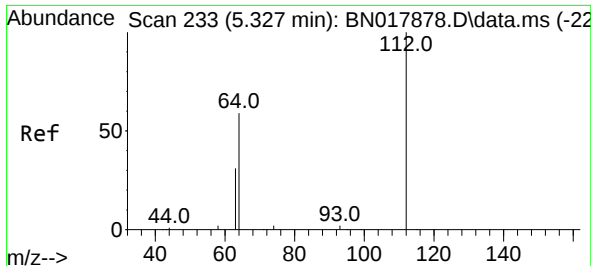


#2
1,4-Dioxane
Concen: 8.723 ng m
RT: 3.271 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27



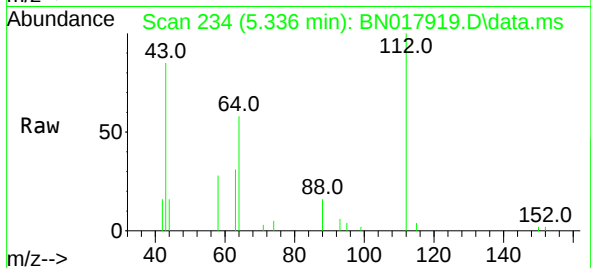
Tgt Ion: 88 Resp: 58216
Ion Ratio Lower Upper
88 100
43 46.1 28.0 42.0#
58 114.6 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

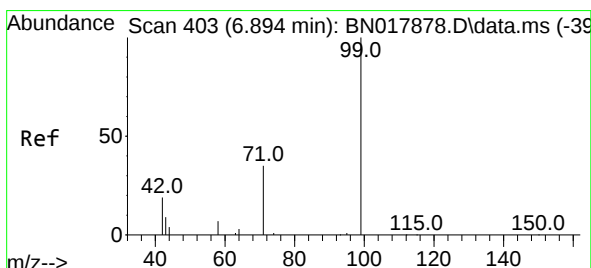
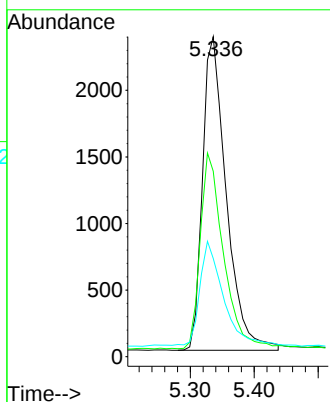
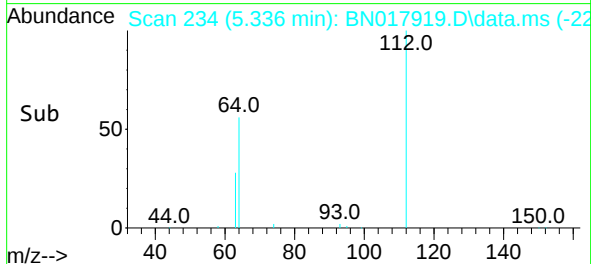
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202



Tgt Ion: 112 Resp: 6088
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 32.2 26.2 39.2

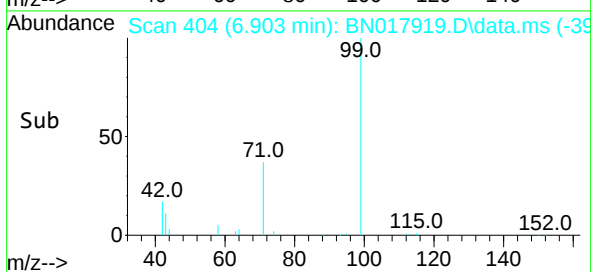
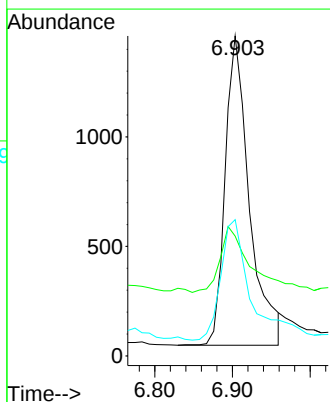
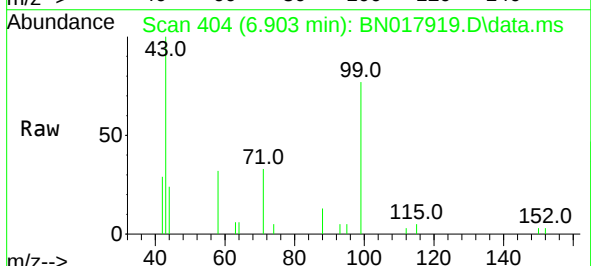
Manual Integrations
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#5
Phenol-d6
Concen: 0.068 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

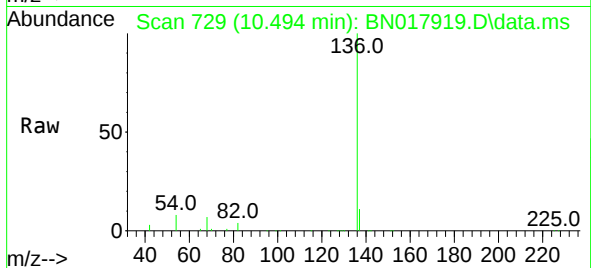
Tgt Ion: 99 Resp: 3064
Ion Ratio Lower Upper
99 100
42 25.2 17.0 25.4
71 44.7 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

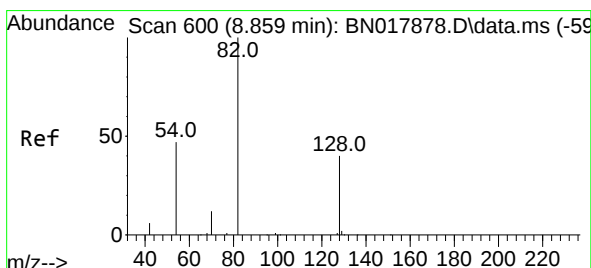
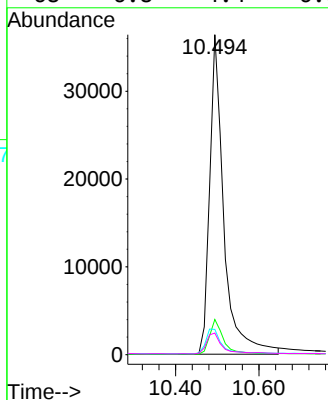
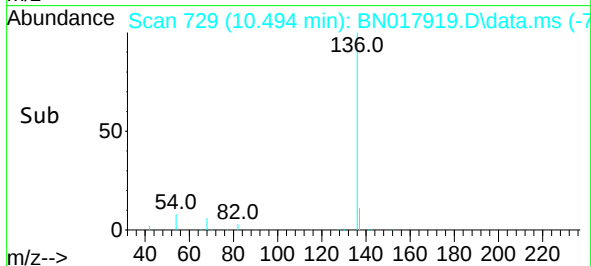
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202



Tgt Ion:136 Resp: 85879
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.1 7.7
68 6.8 4.4 6.6#

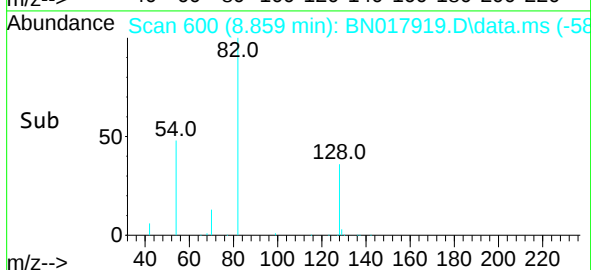
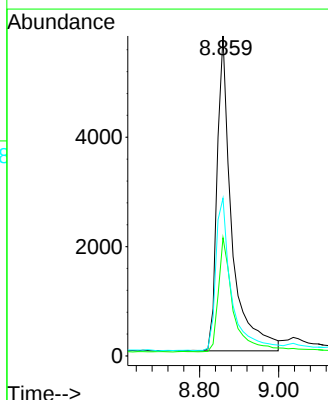
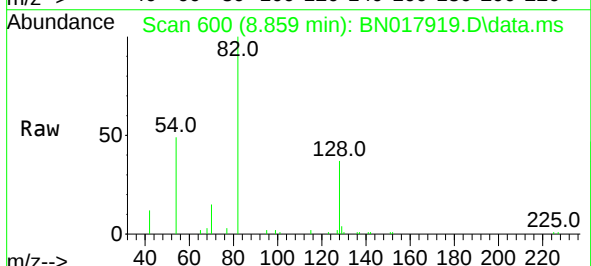
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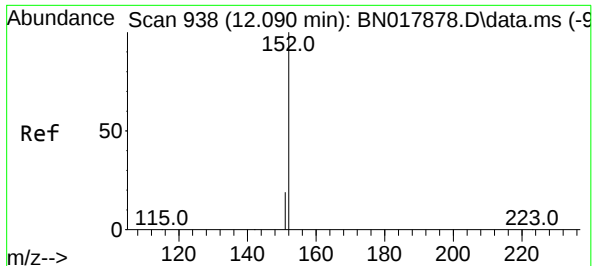
Reviewed By :Christian Giraldo 12/13/2021
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#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion: 82 Resp: 14926
Ion Ratio Lower Upper
82 100
128 37.0 32.2 48.4
54 49.3 37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.263 ng

RT: 12.090 min Scan# 938

Delta R.T. 0.000 min

Lab File: BN017919.D

Acq: 12 Dec 2021 00:27

Instrument :

BNA_N

ClientSampleId :

RE134D3-20211202

Tgt Ion:152 Resp: 39760

Ion Ratio Lower Upper

152 100

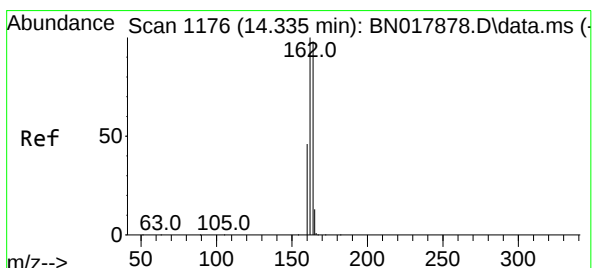
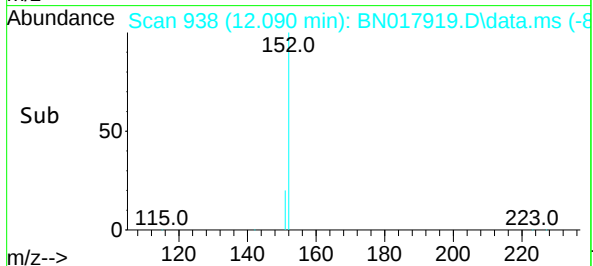
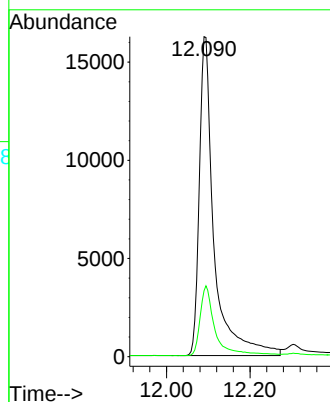
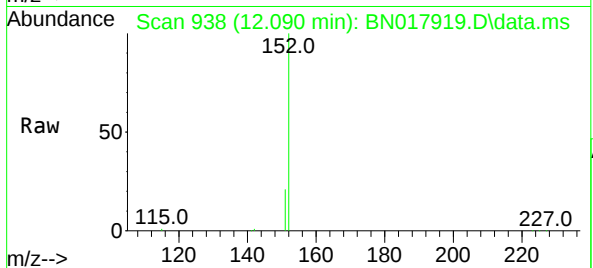
151 22.5 16.4 24.6

Manual Integrations

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BN017919.D

Acq: 12 Dec 2021 00:27

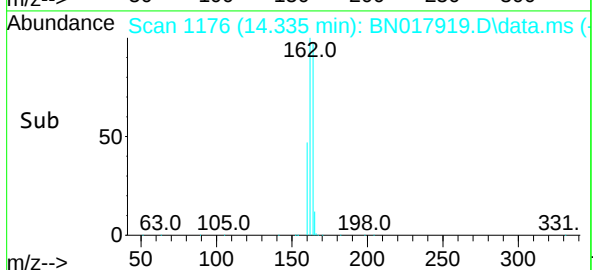
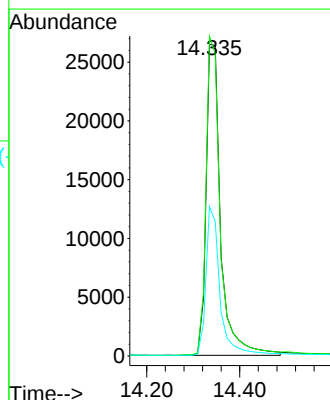
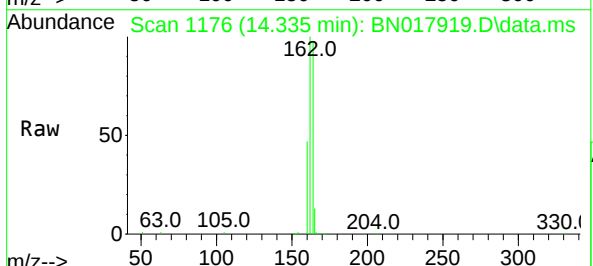
Tgt Ion:164 Resp: 57920

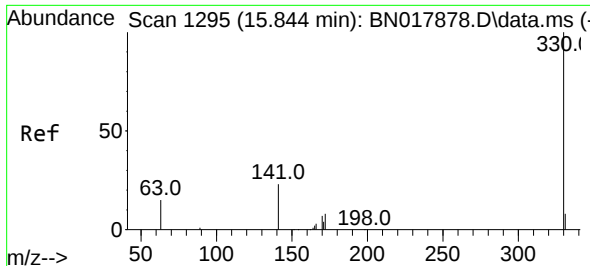
Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

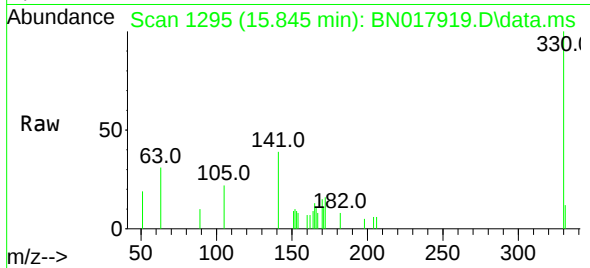
160 47.9 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.845 min Scan# 1069
Delta R.T. 0.001 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

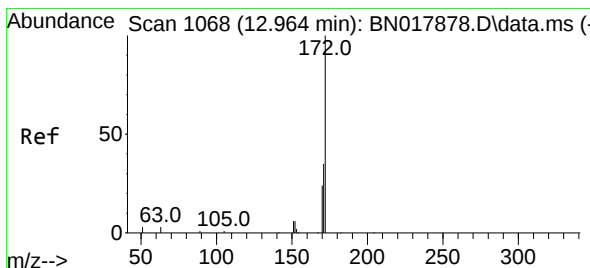
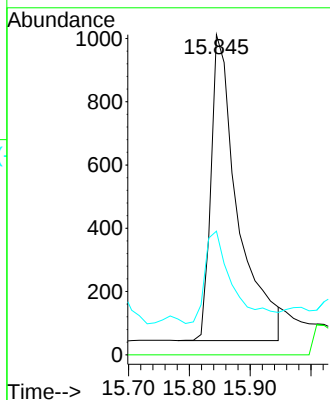
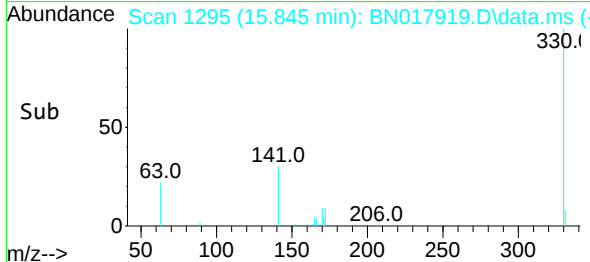
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202



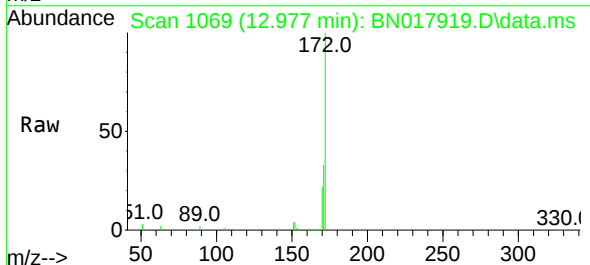
Tgt Ion:330 Resp: 296
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 19.7 29.5

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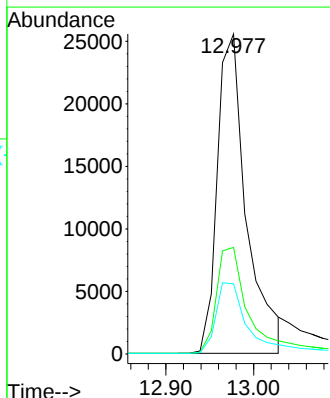
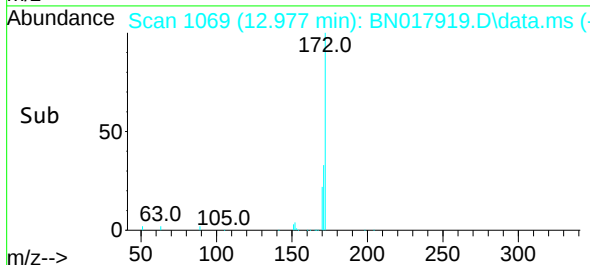
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

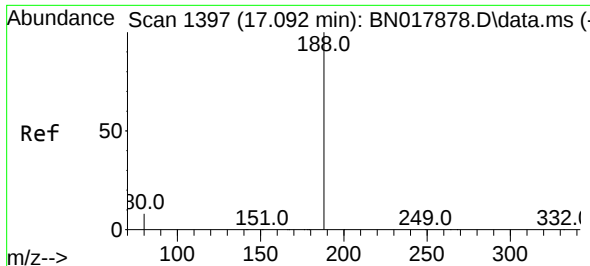


#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27



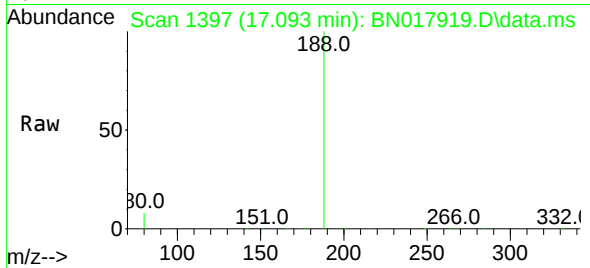
Tgt Ion:172 Resp: 59012
Ion Ratio Lower Upper
172 100
171 33.3 28.3 42.5
170 21.9 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11784
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

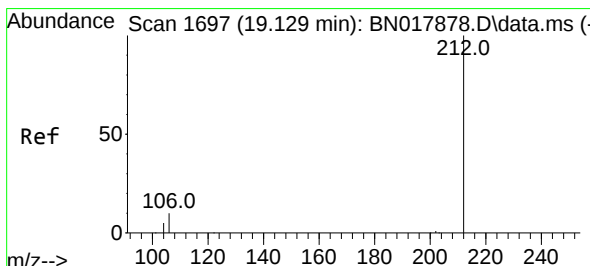
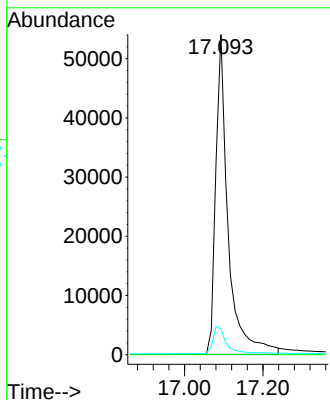
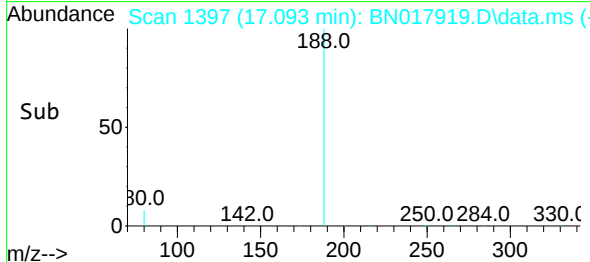
Instrument :
BNA_N
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Tgt Ion:188 Resp: 11784
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.2 9.2

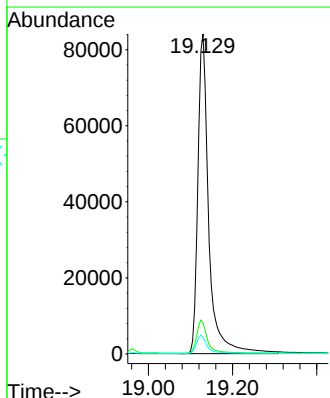
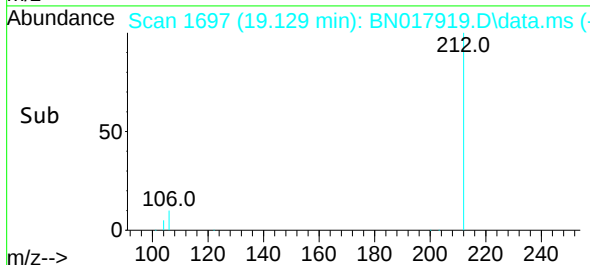
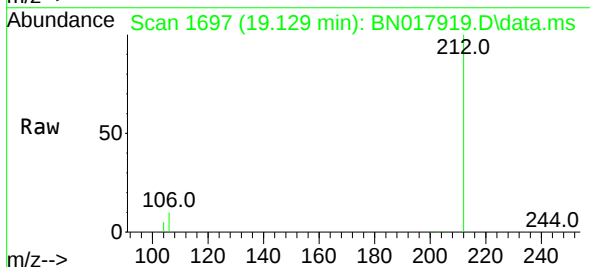
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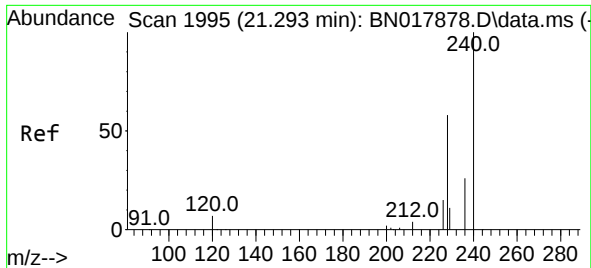
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.129 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

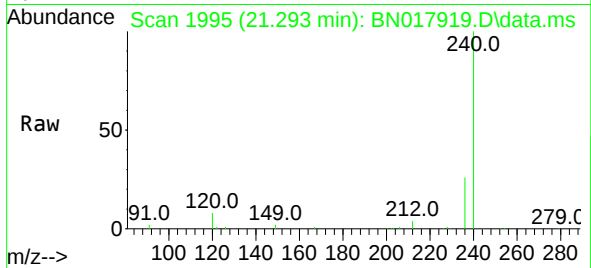
Tgt Ion:212 Resp: 151740
Ion Ratio Lower Upper
212 100
106 10.3 8.3 12.5
104 5.6 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

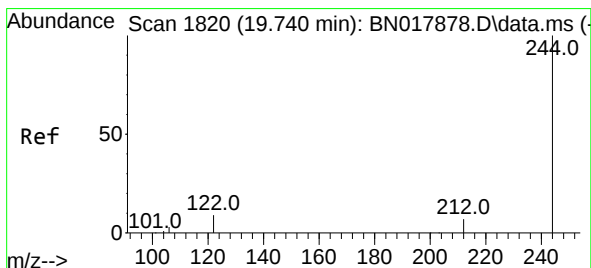
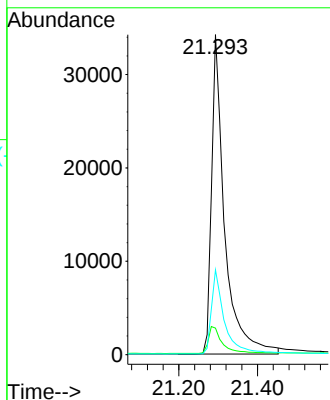
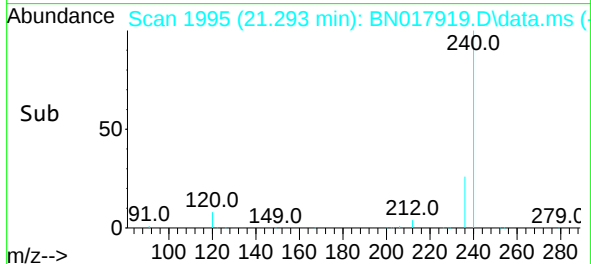
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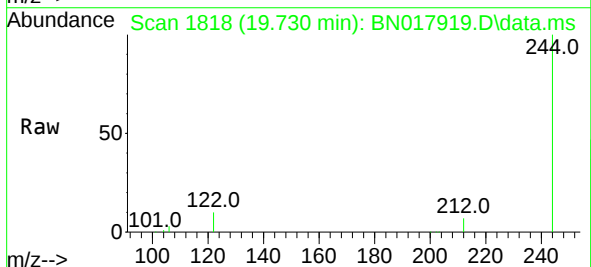
Tgt Ion:240 Resp: 7884
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.5 21.0 31.6

Manual Integrations
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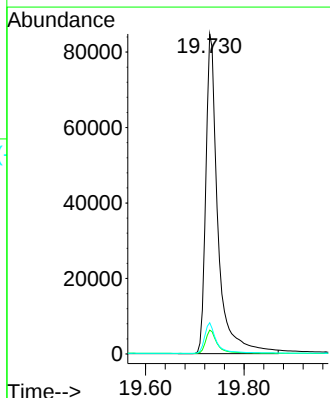
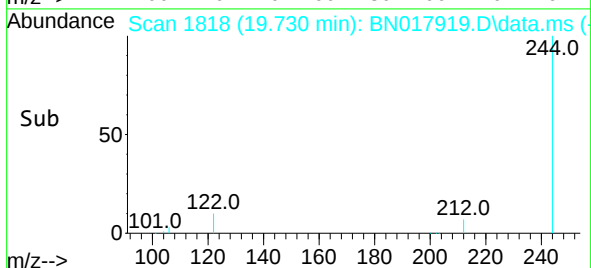
Reviewed By :Christian Giraldo 12/13/2021
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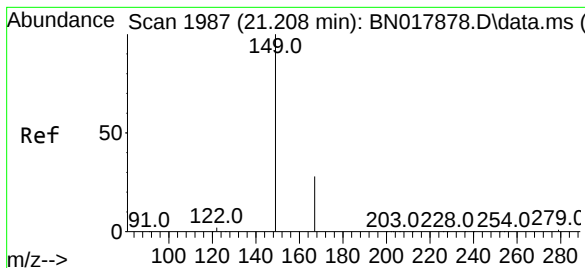


#31
Terphenyl-d14
Concen: 0.747 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27



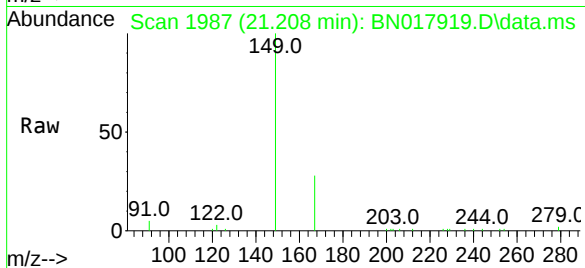
Tgt Ion:244 Resp: 145167
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.8 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.189 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

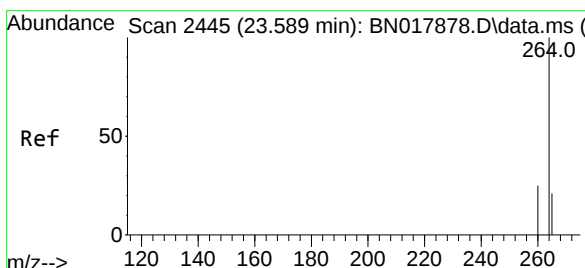
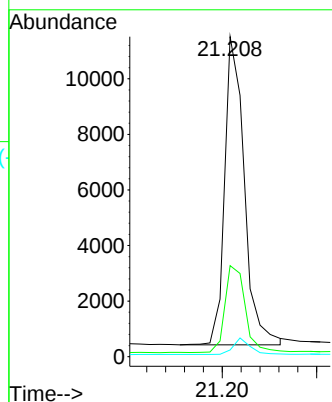
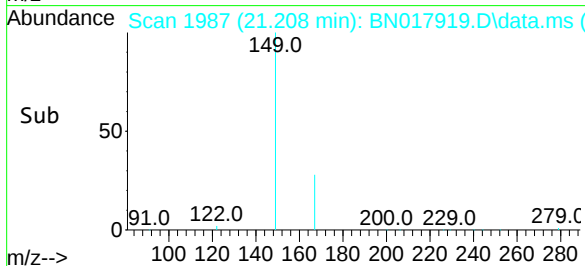
Instrument :
BNA_N
ClientSampleId :
RE134D3-20211202



Tgt Ion:149 Resp: 1602
Ion Ratio Lower Upper
149 100
167 29.5 23.4 35.0
279 4.7 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: 23.593 min Scan# 2446
Delta R.T. 0.004 min
Lab File: BN017919.D
Acq: 12 Dec 2021 00:27

Tgt Ion:264 Resp: 50781
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.4
265 23.1 18.2 27.4

