

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017918.D
 Acq On : 11 Dec 2021 23:51
 Operator : CG/JU
 Sample : M4956-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 02:52:02 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	7.714	152	21947	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	89149	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	59582	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	124761	0.400	ng	0.00
29) Chrysene-d12	21.293	240	88029	0.400	ng	0.00
35) Perylene-d12	23.592	264	54790	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6923	0.153	ng	0.00
5) Phenol-d6	6.903	99	3920	0.087	ng	0.00
8) Nitrobenzene-d5	8.859	82	16600	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	44698	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4402	0.468	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68802	0.328	ng	0.00
27) Fluoranthene-d10	19.124	212	158969	0.393	ng	0.00
31) Terphenyl-d14	19.730	244	150315	0.693	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	2689m	0.404	ng	
25) Phenanthrene	17.129	178	6481	0.020	ng	96
34) Bis(2-ethylhexyl)phtha...	21.208	149	35462	0.375	ng	100

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

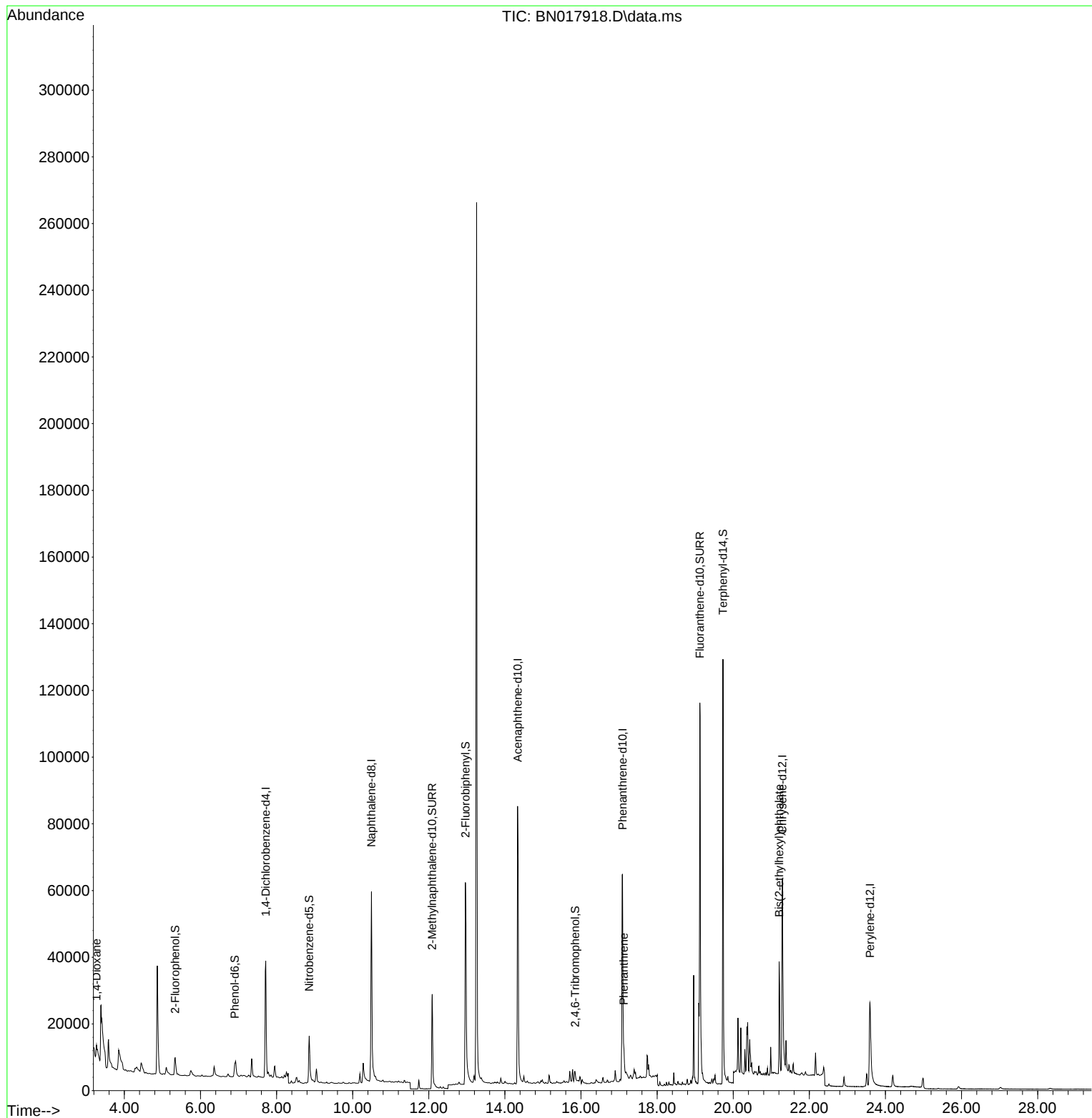
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017918.D
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Sample : M4956-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

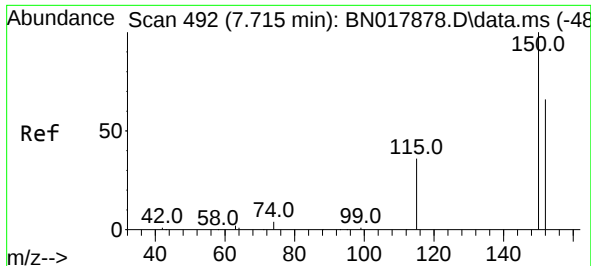
Instrument :
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Quant Time: Dec 12 02:52:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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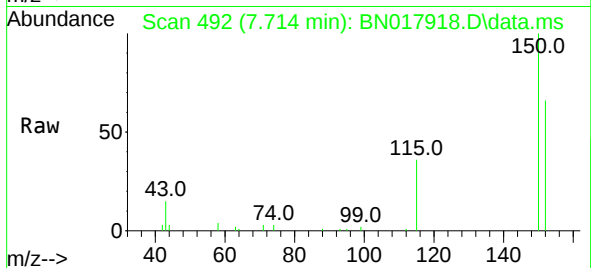
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

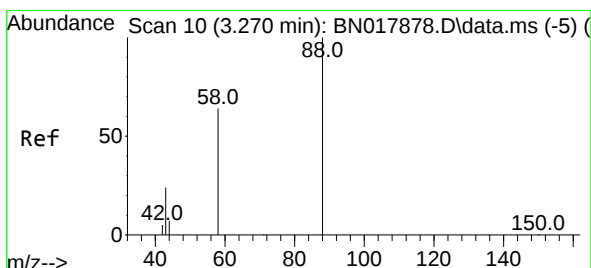
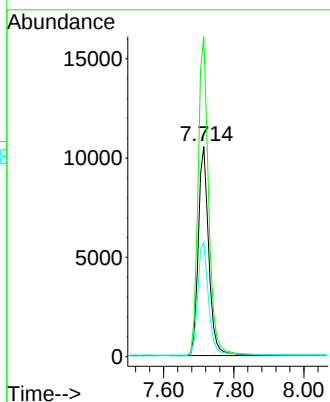
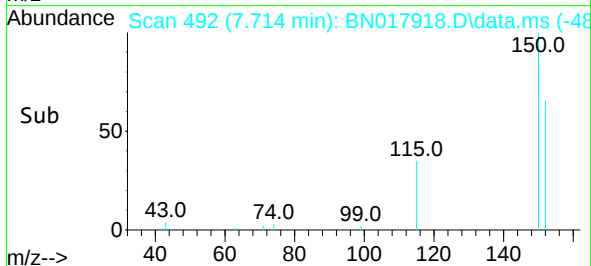
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202



Tgt Ion: 152 Resp: 2194
Ion Ratio Lower Upper
152 100
150 152.2 121.9 182.9
115 54.3 44.1 66.1

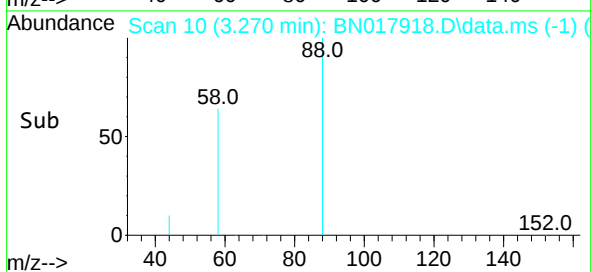
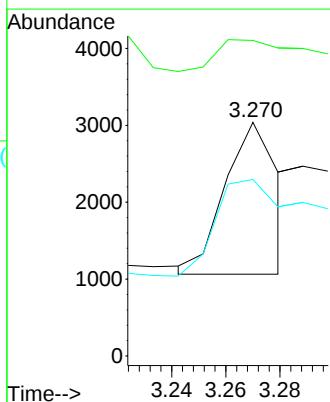
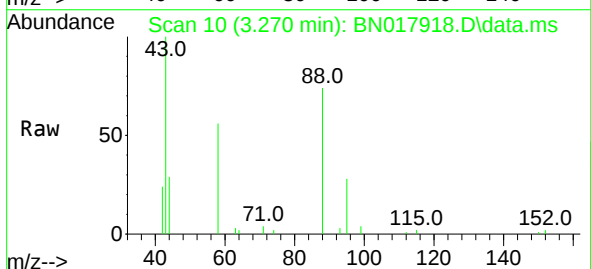
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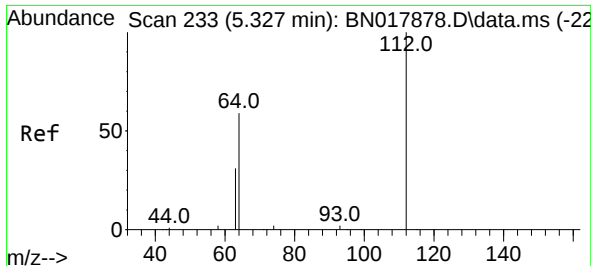
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#2
1,4-Dioxane
Concen: 0.404 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

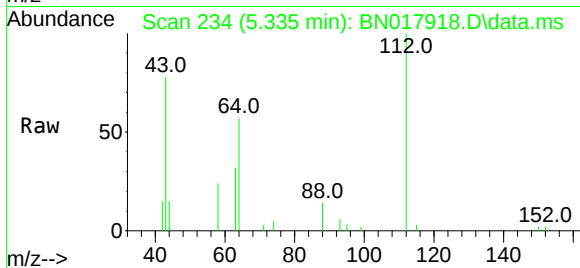
Tgt Ion: 88 Resp: 2689
Ion Ratio Lower Upper
88 100
43 35.0 28.0 42.0
58 111.5 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

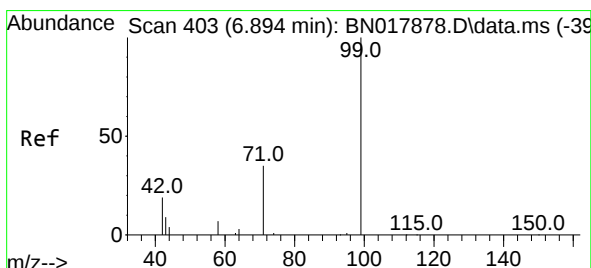
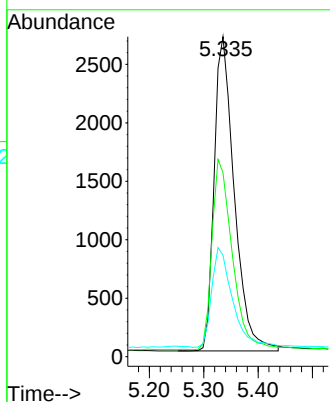
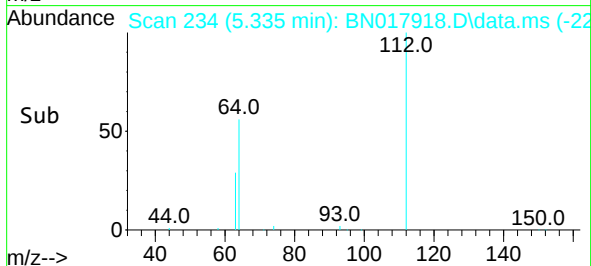
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202



Tgt Ion: 112 Resp: 692
Ion Ratio Lower Upper
112 100
64 60.9 49.0 73.4
63 33.1 26.2 39.2

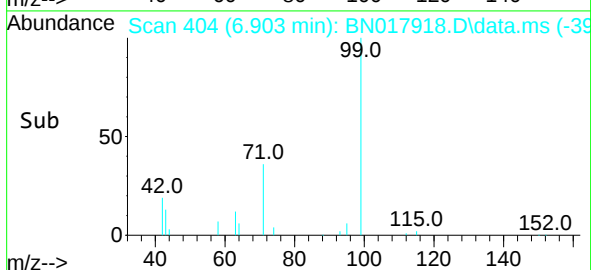
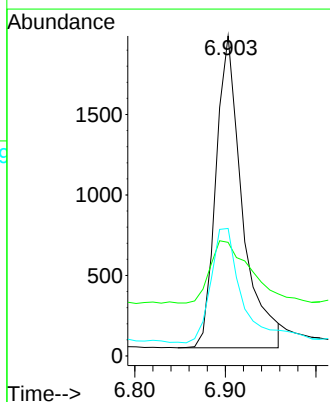
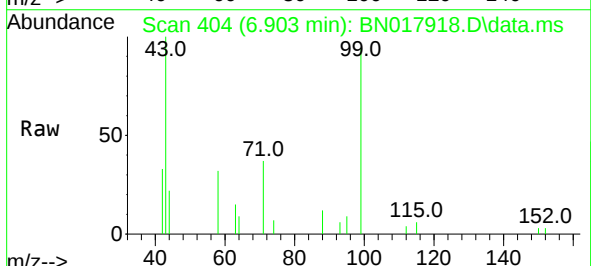
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#5
Phenol-d6
Concen: 0.087 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

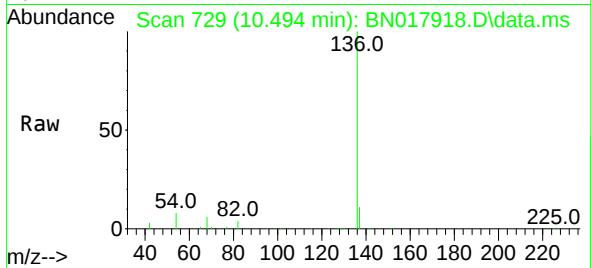
Tgt Ion: 99 Resp: 3920
Ion Ratio Lower Upper
99 100
42 29.7 17.0 25.4#
71 41.6 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

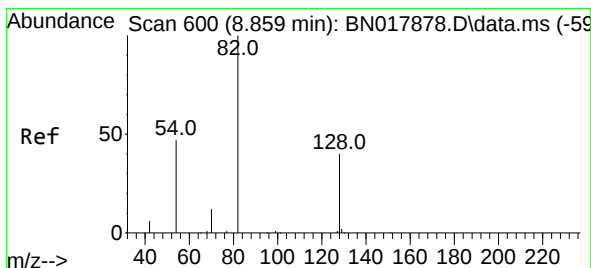
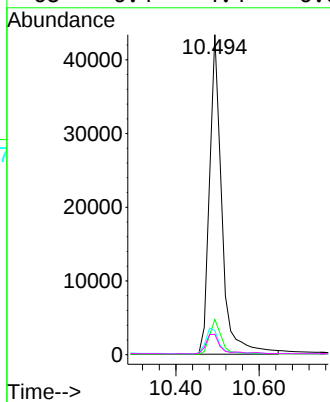
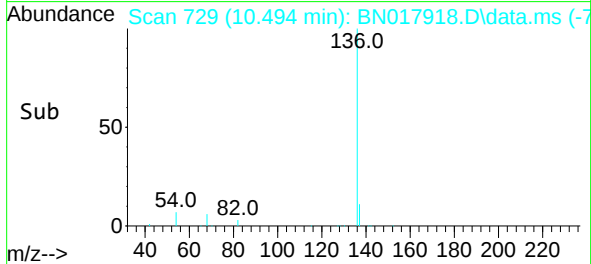
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.1	7.7
68	6.4	4.4	6.6

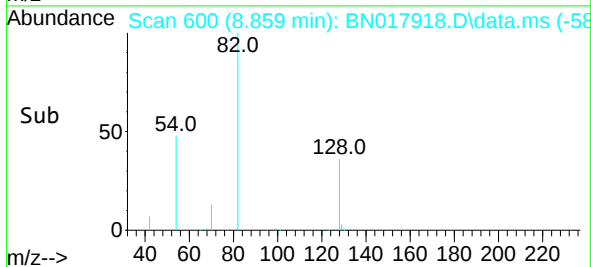
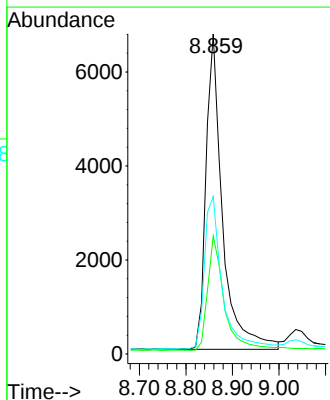
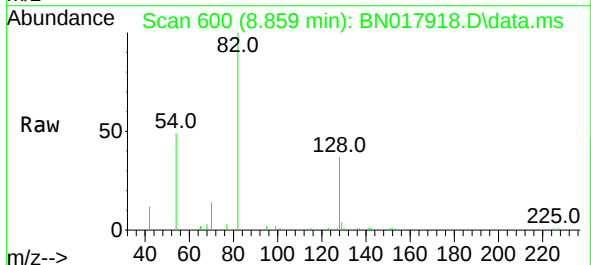
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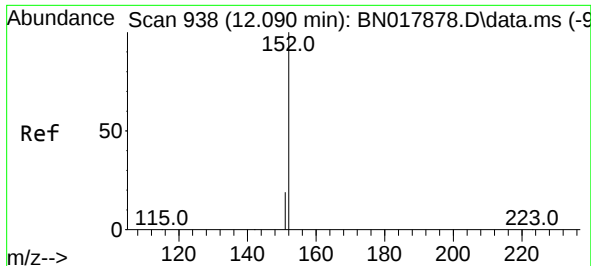
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.2	48.4
54	49.2	37.6	56.4





#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 12.089 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017918.D

Acq: 11 Dec 2021 23:51

Instrument :

BNA_N

ClientSampleId :

RE134D1-20211202

Tgt Ion:152 Resp: 44698

Ion Ratio Lower Upper

152 100

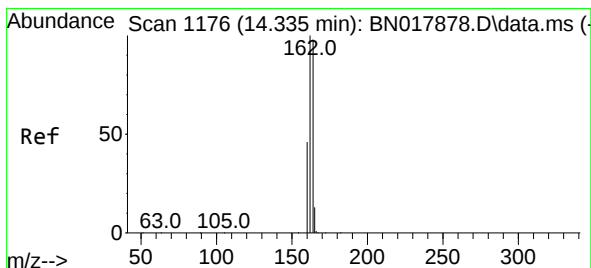
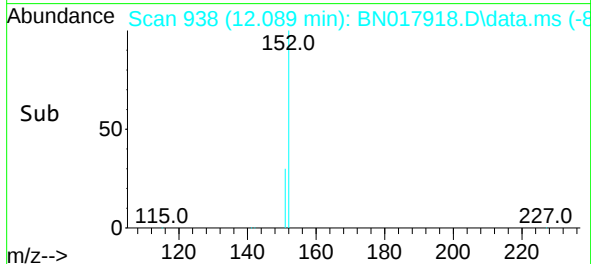
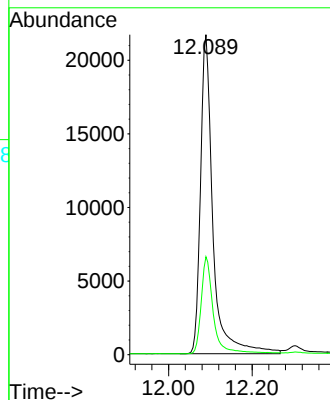
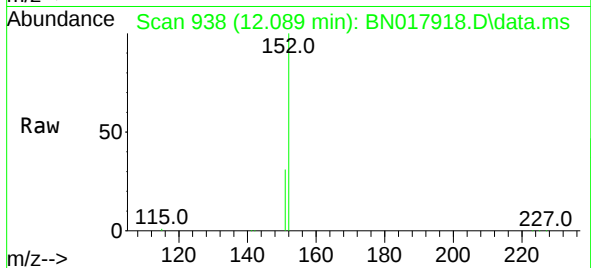
151 29.9 16.4 24.6

Manual Integrations

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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: BN017918.D

Acq: 11 Dec 2021 23:51

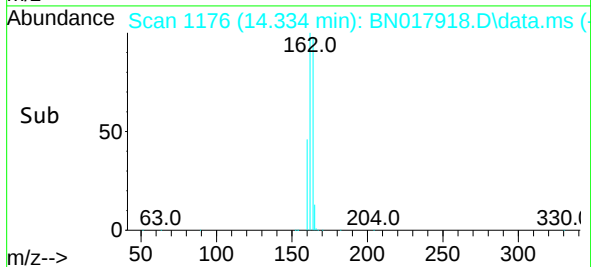
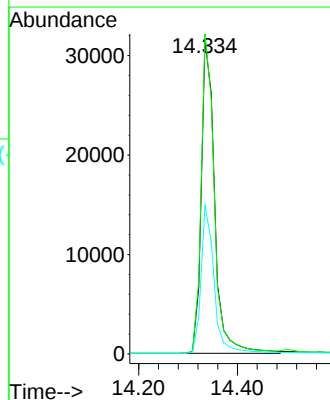
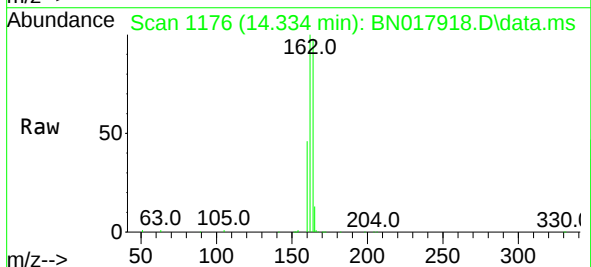
Tgt Ion:164 Resp: 59582

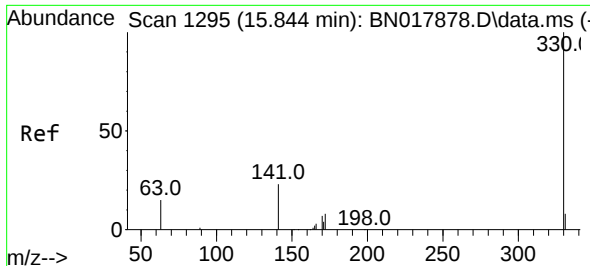
Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

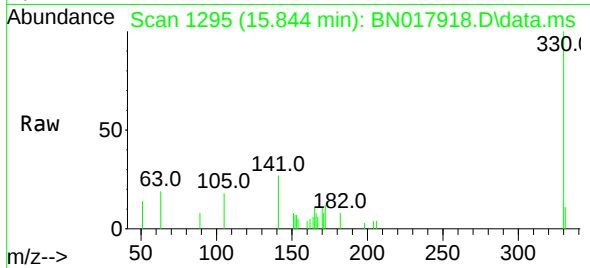
160 47.4 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

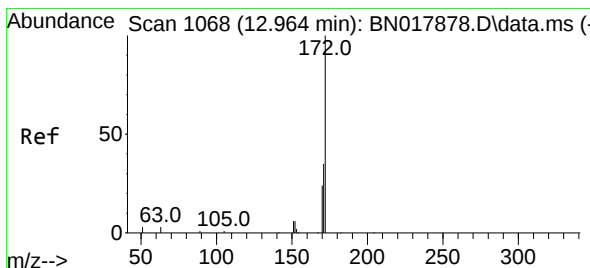
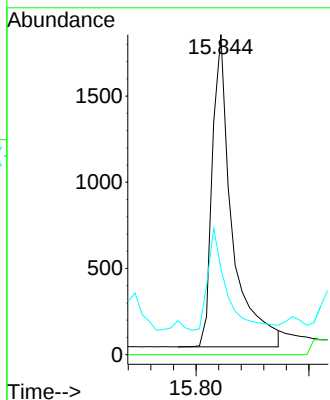
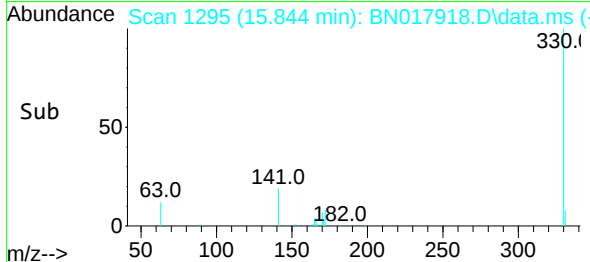
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202



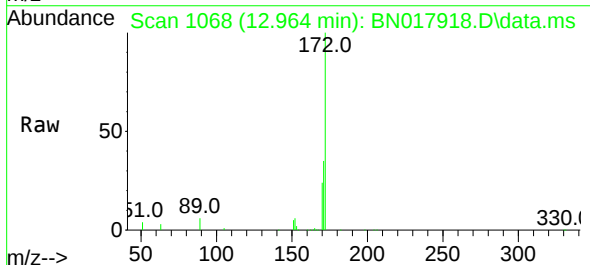
Tgt Ion:330 Resp: 440
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.8 19.7 29.5

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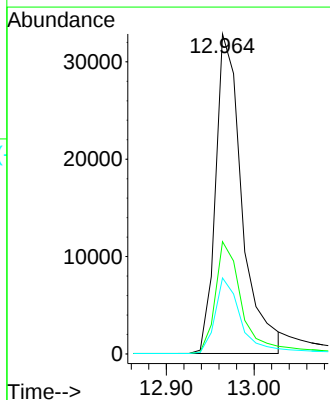
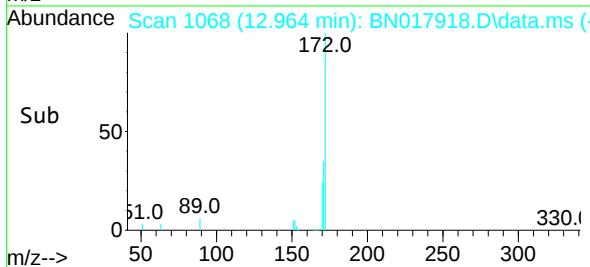
Reviewed By :Christian Giraldo 12/13/2021
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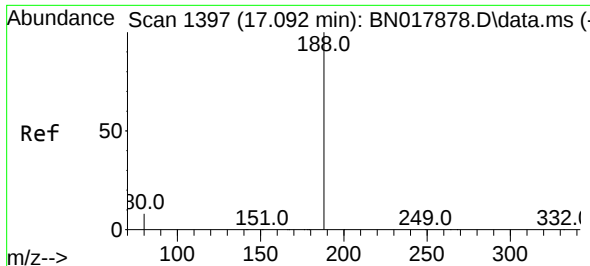


#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51



Tgt Ion:172 Resp: 68802
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.1 28.7





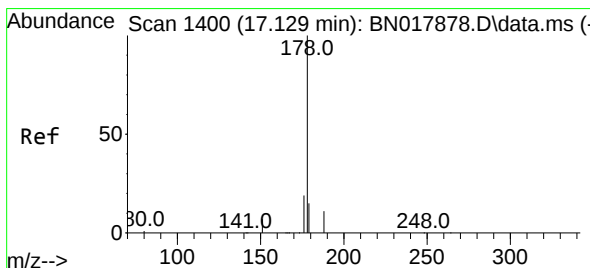
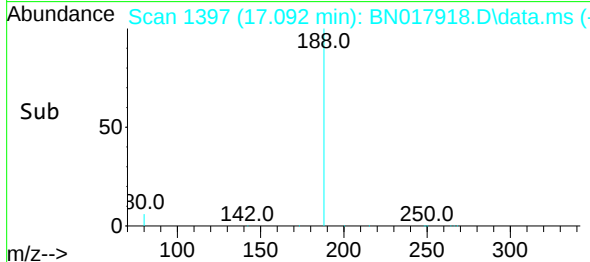
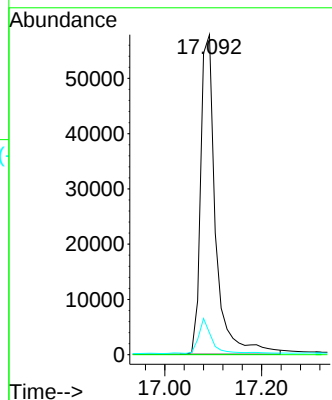
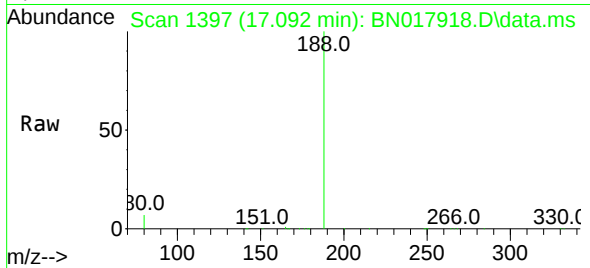
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202

Tgt Ion:188 Resp: 12476
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.2 9.2

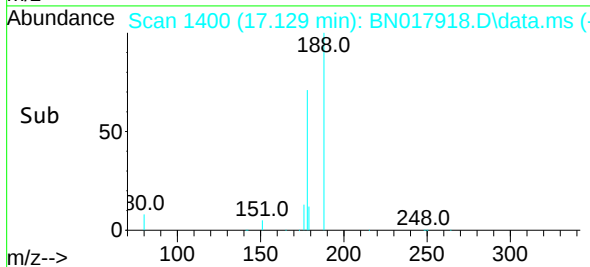
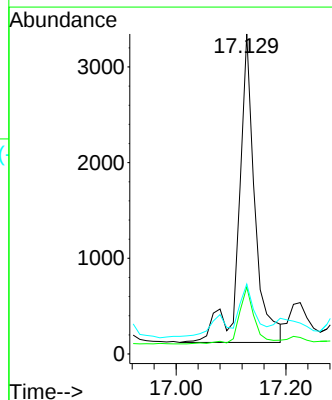
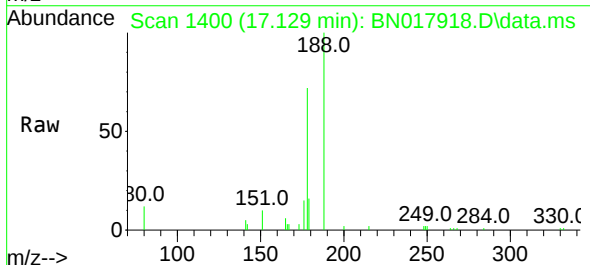
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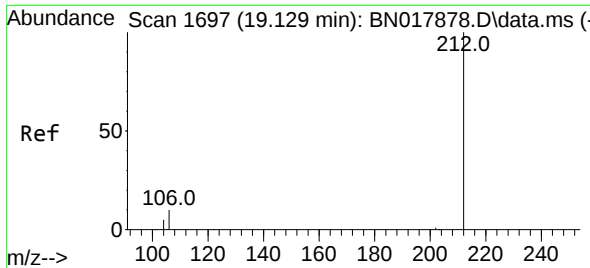
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#25
Phenanthrene
Concen: 0.020 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

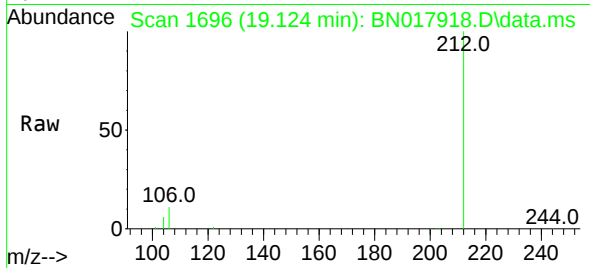
Tgt Ion:178 Resp: 6481
Ion Ratio Lower Upper
178 100
176 17.4 15.0 22.6
179 13.3 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.124 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

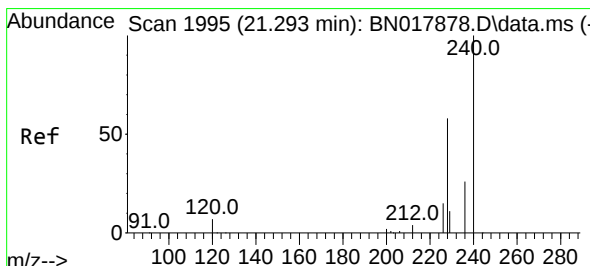
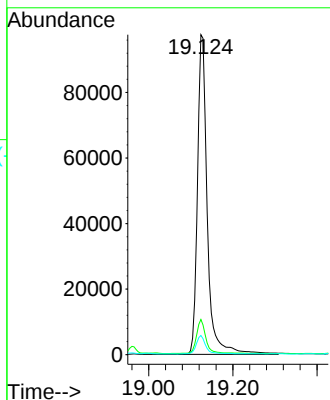
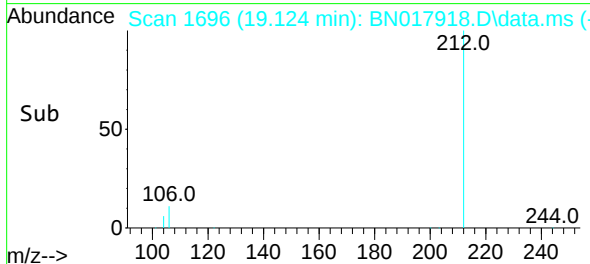
Instrument :
BNA_N
ClientSampleId :
RE134D1-20211202



Tgt Ion:212 Resp: 158969
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.7 4.6 6.8

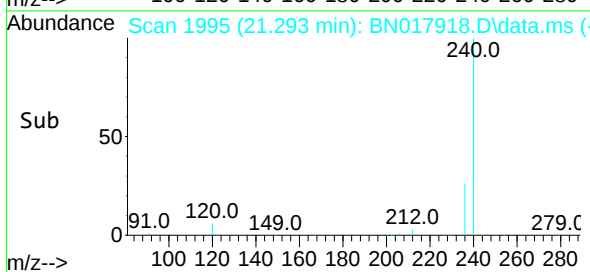
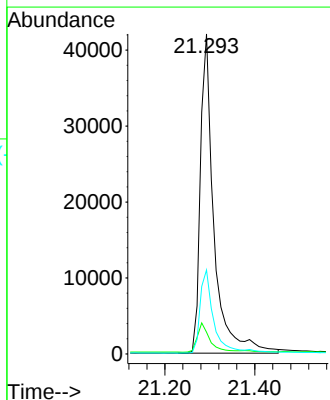
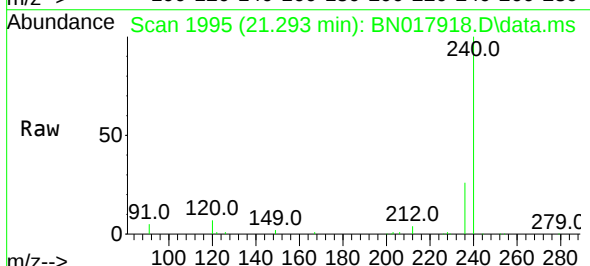
Manual Integrations
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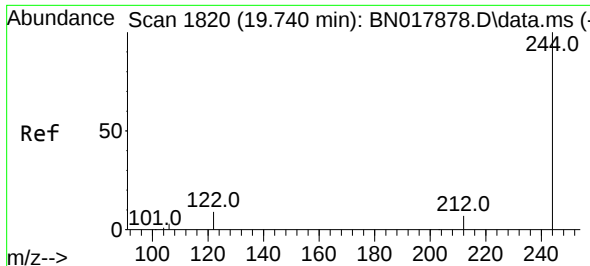
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017918.D
Acq: 11 Dec 2021 23:51

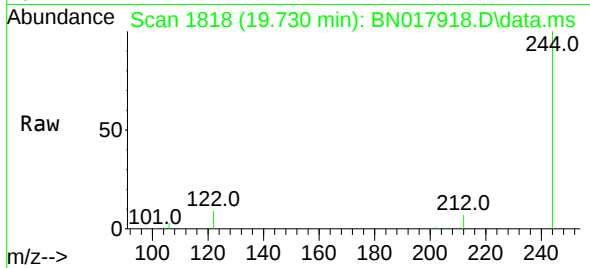
Tgt Ion:240 Resp: 88029
Ion Ratio Lower Upper
240 100
120 6.8 5.8 8.8
236 26.2 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.693 ng
 RT: 19.730 min Scan# 1820
 Delta R.T. -0.010 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

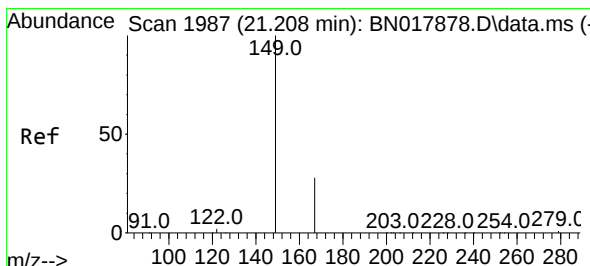
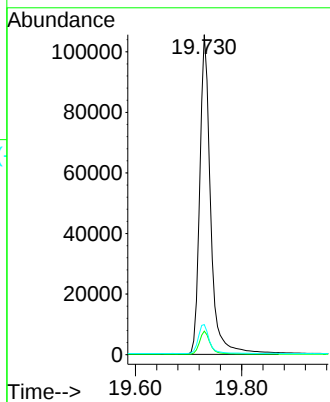
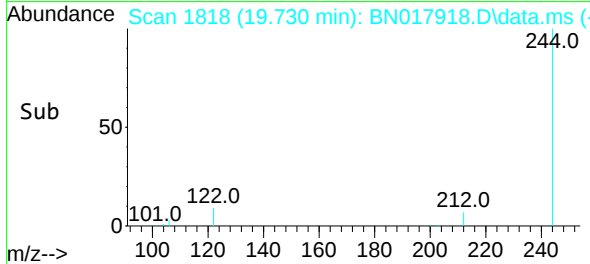
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20211202



Tgt Ion:244 Resp: 150315
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.4 7.5 11.3

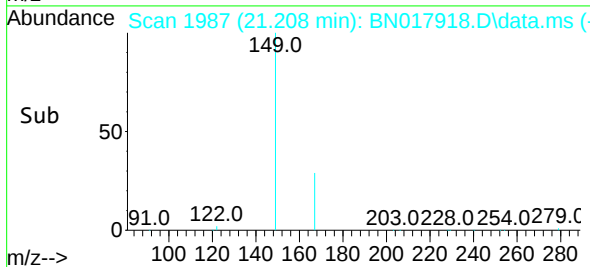
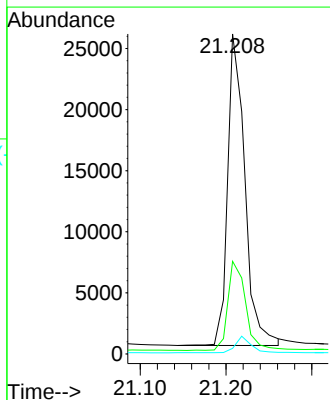
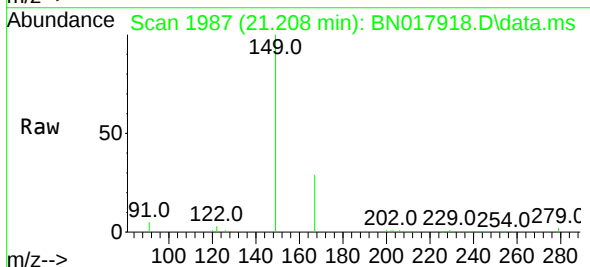
Manual Integrations
 APPROVED

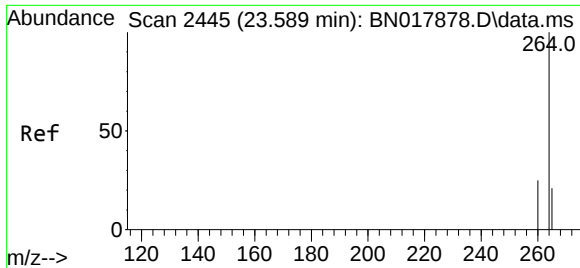
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.375 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017918.D
 Acq: 11 Dec 2021 23:51

Tgt Ion:149 Resp: 35462
 Ion Ratio Lower Upper
 149 100
 167 29.4 23.4 35.0
 279 4.8 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.592 min Scan# 24

Delta R.T. 0.003 min

Lab File: BN017918.D

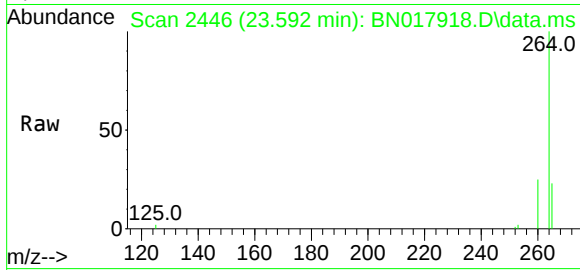
Acq: 11 Dec 2021 23:51

Instrument :

BNA_N

ClientSampleId :

RE134D1-20211202



Tgt Ion:264 Resp: 54790

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.4

265 23.2 18.2 27.4

Manual Integrations

APPROVED

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

