

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017920.D
 Acq On : 12 Dec 2021 01:04
 Operator : CG/JU
 Sample : M4957-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20211206

Quant Time: Dec 12 02:52:19 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	7.714	152	23568	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	97623	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	62516	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	126426	0.400	ng	0.00
29) Chrysene-d12	21.293	240	91310	0.400	ng	0.00
35) Perylene-d12	23.589	264	59406	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4975	0.102	ng	0.00
5) Phenol-d6	6.903	99	2647	0.055	ng	0.00
8) Nitrobenzene-d5	8.859	82	15122	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	38641	0.225	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2839	0.416	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	57526	0.261	ng	0.00
27) Fluoranthene-d10	19.129	212	132136	0.322	ng	0.00
31) Terphenyl-d14	19.730	244	106177	0.472	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	24149m	3.376	ng	
6) bis(2-Chloroethyl)ether	7.143	93	3442	0.058	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.208	149	327018	3.336	ng	99

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

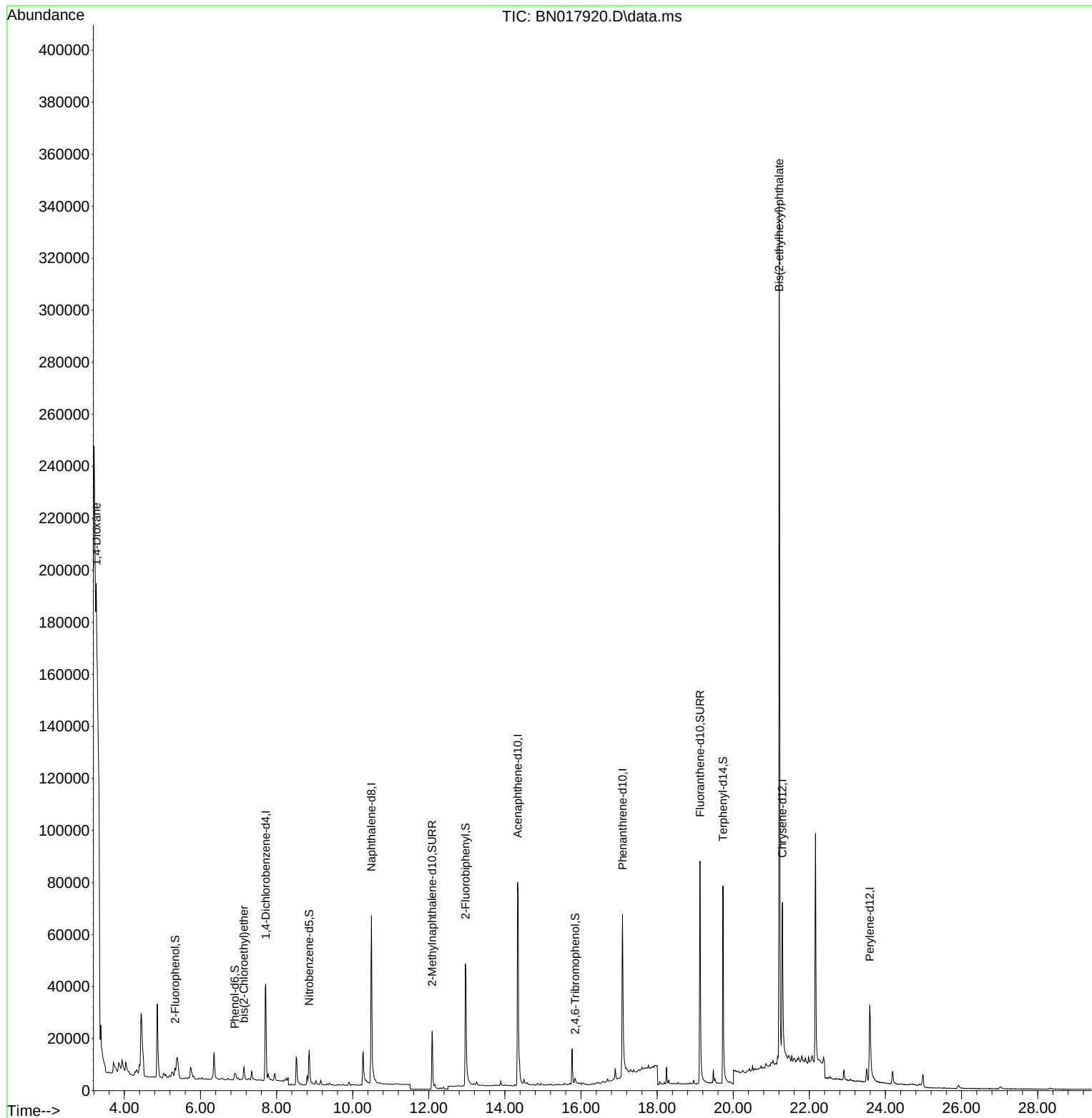
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017920.D
Acq On : 12 Dec 2021 01:04
Operator : CG/JU
Sample : M4957-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

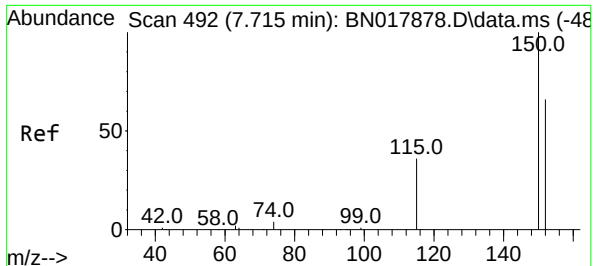
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206

Quant Time: Dec 12 02:52:19 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
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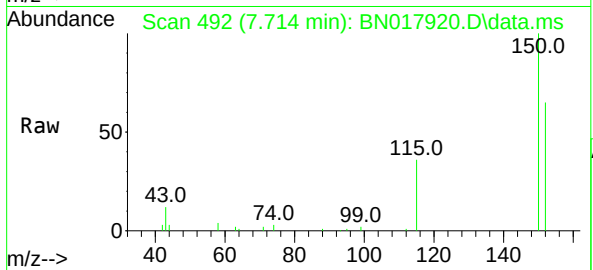
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 49
Delta R.T. -0.001 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

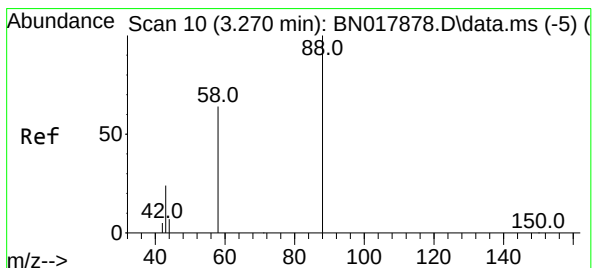
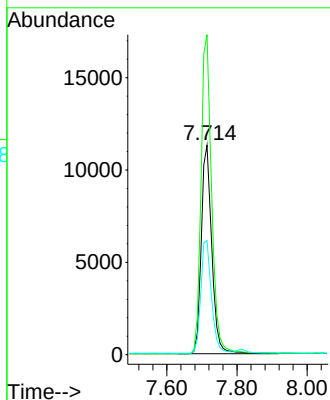
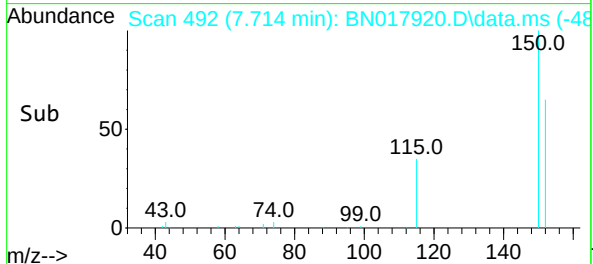
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206



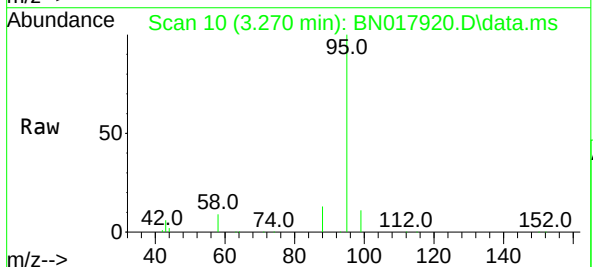
Tgt Ion: 152 Resp: 2356
Ion Ratio Lower Upper
152 100
150 152.8 121.9 182.9
115 54.5 44.1 66.1

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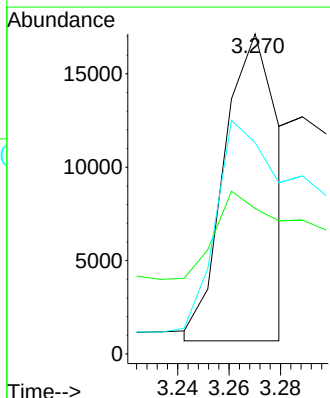
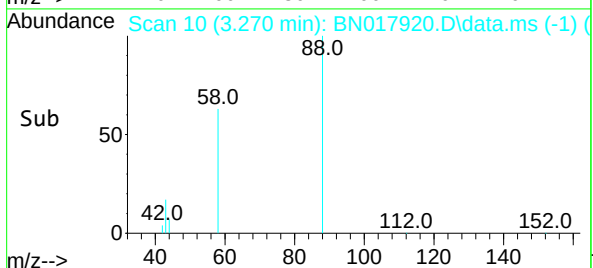
Reviewed By :Christian Giraldo 12/13/2021
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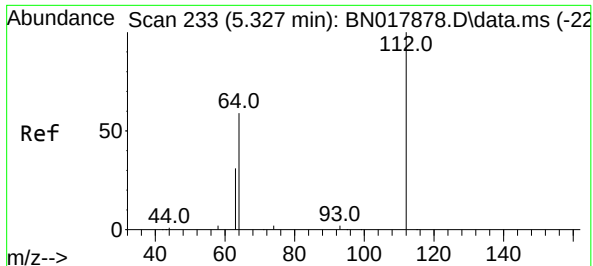


#2
1,4-Dioxane
Concen: 3.376 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04



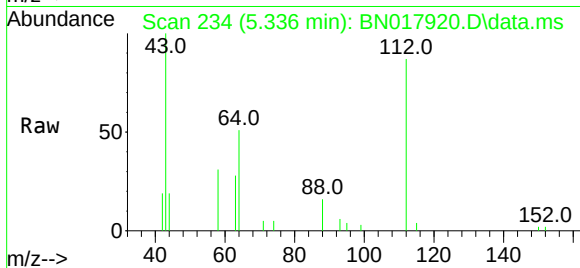
Tgt Ion: 88 Resp: 24149
Ion Ratio Lower Upper
88 100
43 43.8 28.0 42.0#
58 111.7 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

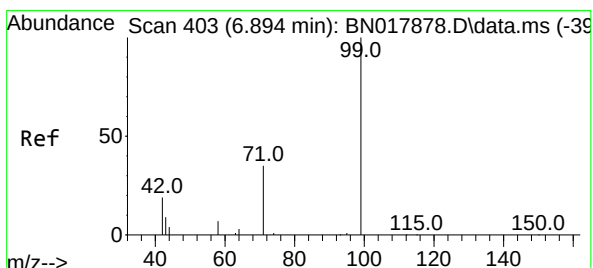
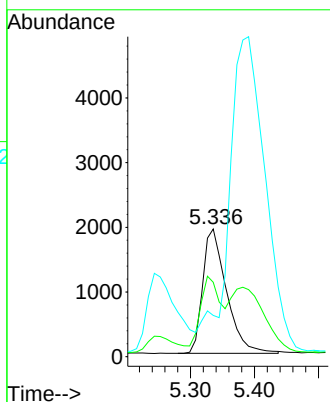
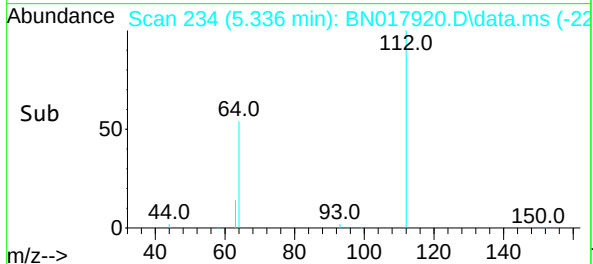
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206



Tgt Ion:112 Resp: 4975
Ion Ratio Lower Upper
112 100
64 46.8 49.0 73.4#
63 0.0 26.2 39.2#

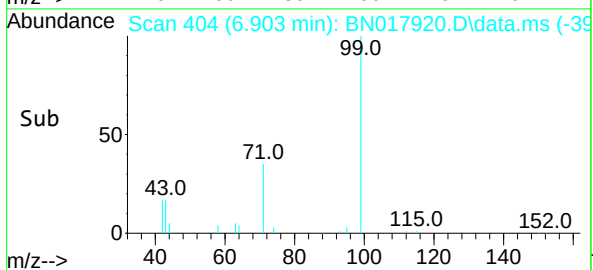
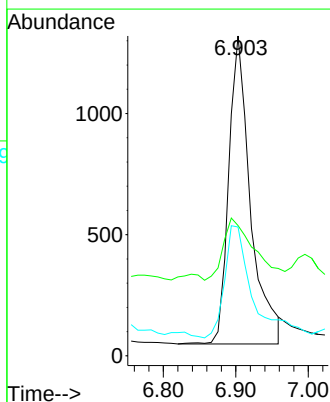
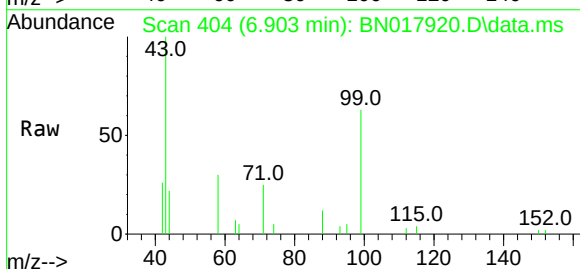
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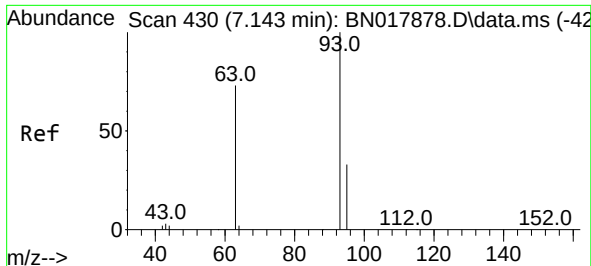
Reviewed By :Christian Giraldo 12/13/2021
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#5
Phenol-d6
Concen: 0.055 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

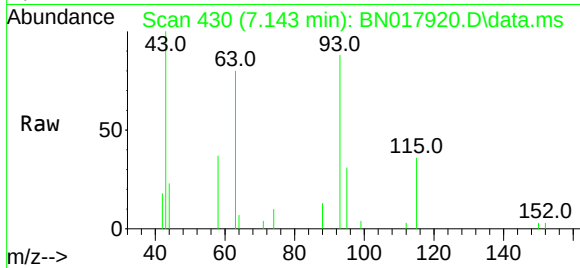
Tgt Ion: 99 Resp: 2647
Ion Ratio Lower Upper
99 100
42 28.1 17.0 25.4#
71 41.6 28.0 42.0





#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

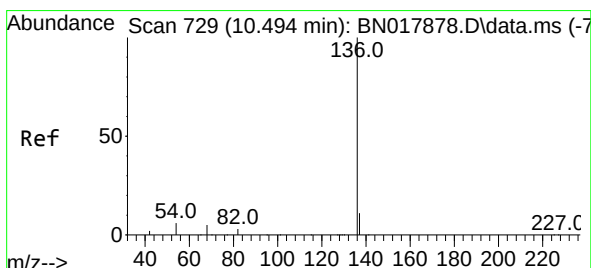
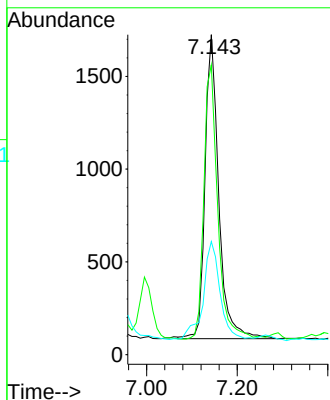
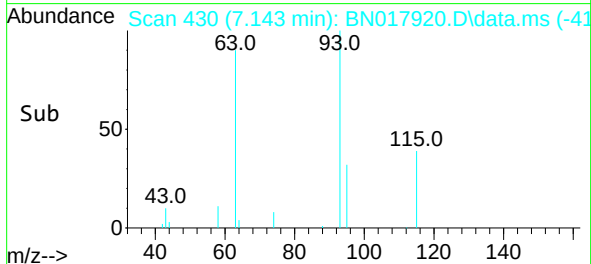
Instrument :
BNA_N
ClientSampleId :
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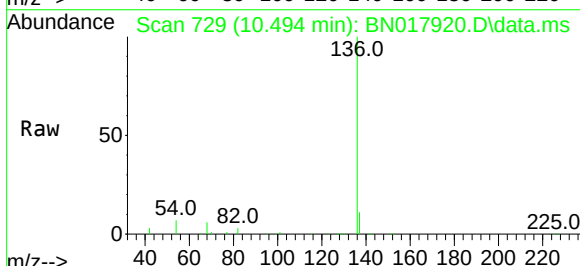
Tgt Ion: 93 Resp: 344
Ion Ratio Lower Upper
93 100
63 91.5 62.0 93.0
95 39.9 26.2 39.4

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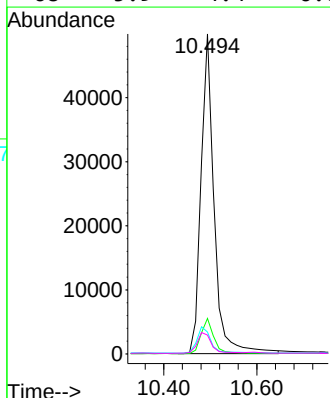
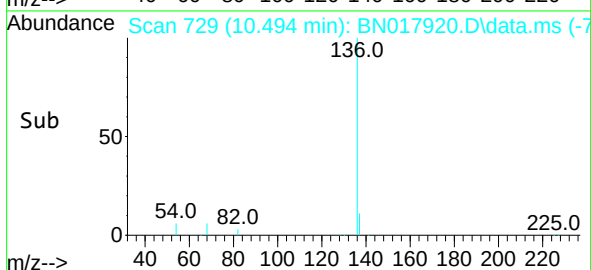
Reviewed By :Christian Giraldo 12/13/2021
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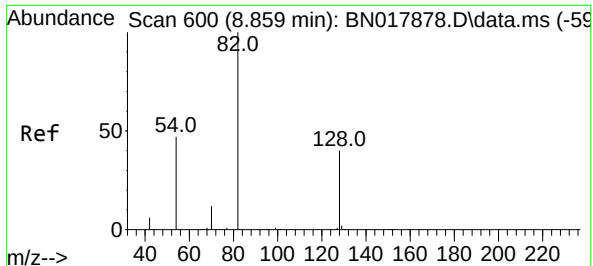


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04



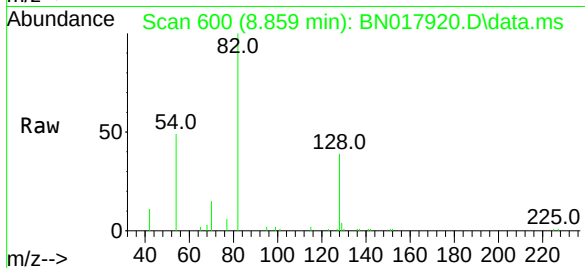
Tgt Ion:136 Resp: 97623
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.1 7.7
68 5.9 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

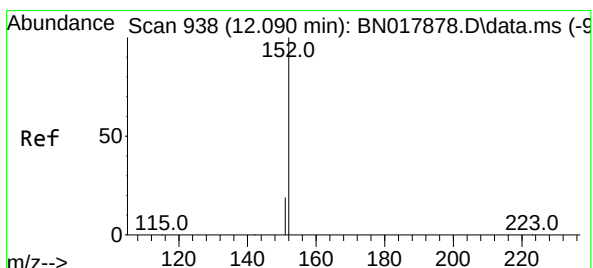
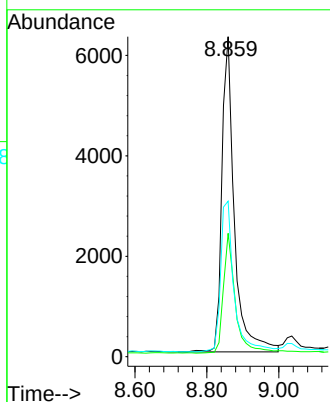
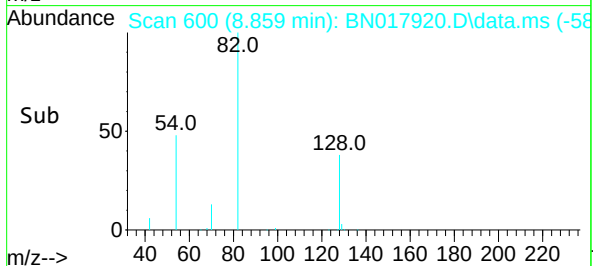
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 1512
Ion Ratio Lower Upper
82 100
128 38.6 32.2 48.4
54 48.6 37.6 56.4

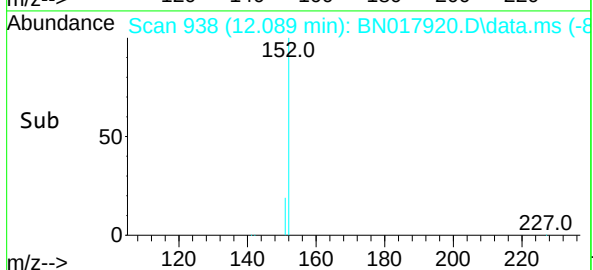
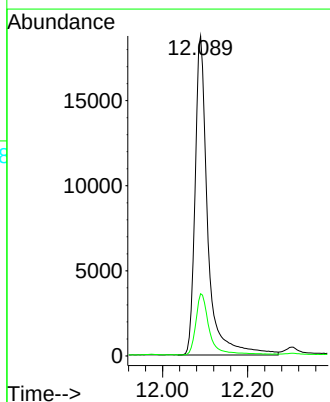
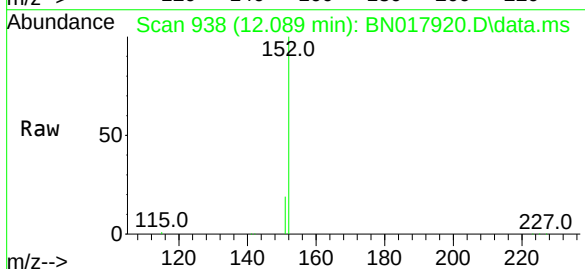
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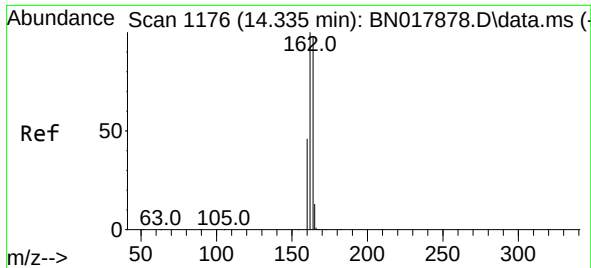
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

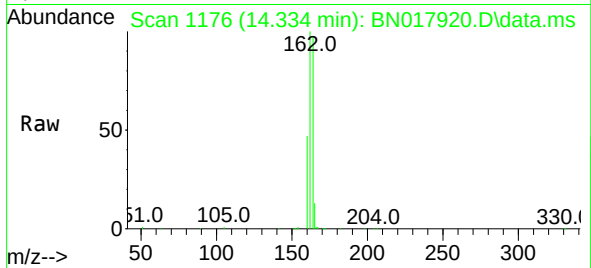
Tgt Ion:152 Resp: 38641
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

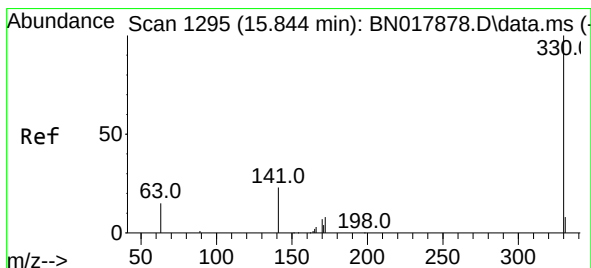
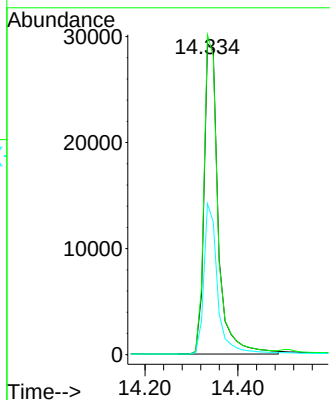
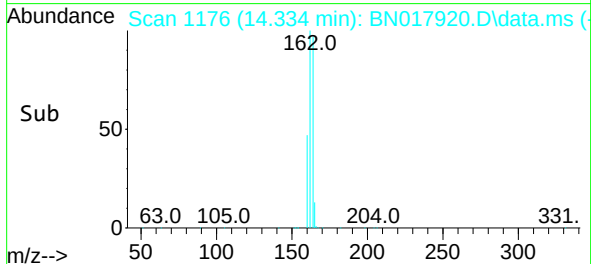
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206



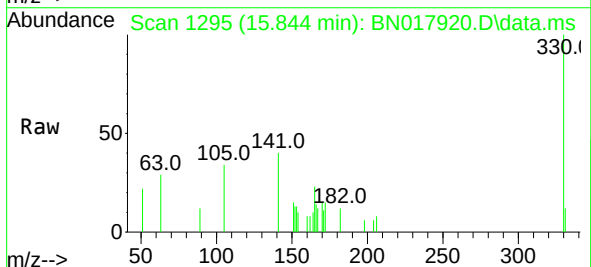
Tgt Ion:164 Resp: 62510
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 48.6 38.2 57.2

Manual Integrations
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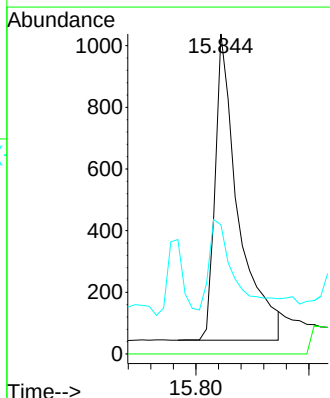
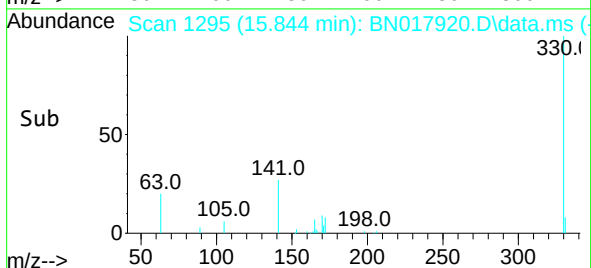
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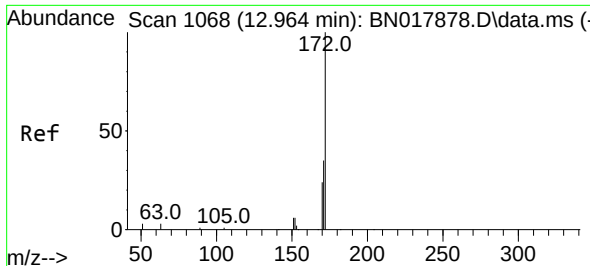


#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04



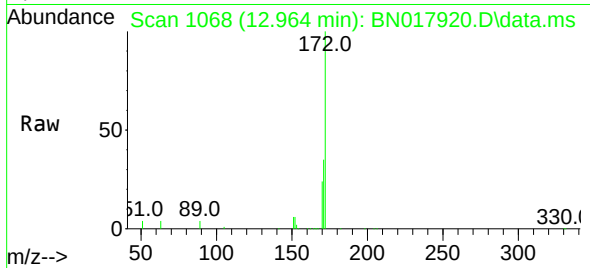
Tgt Ion:330 Resp: 2839
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 19.7 29.5#





#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

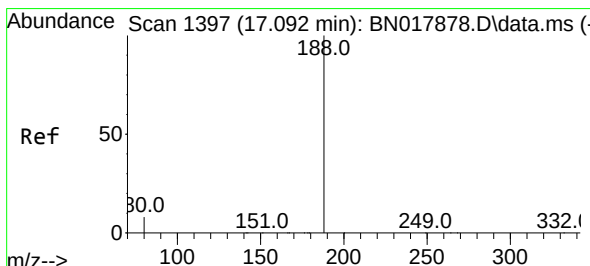
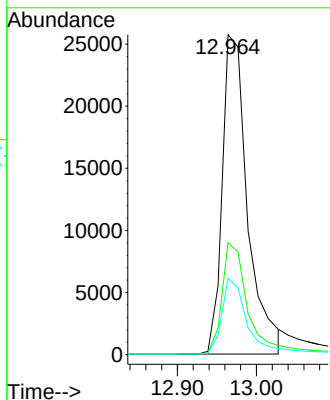
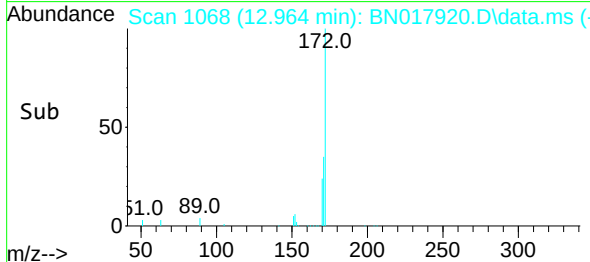
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206



Tgt Ion:172 Resp: 57520
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.9 19.1 28.7

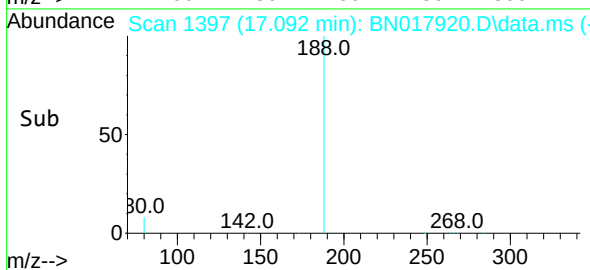
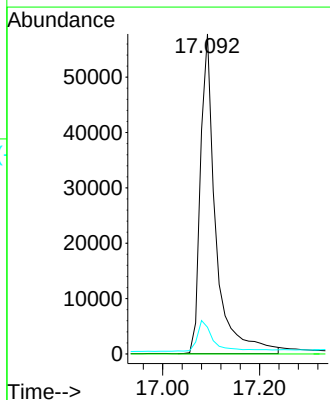
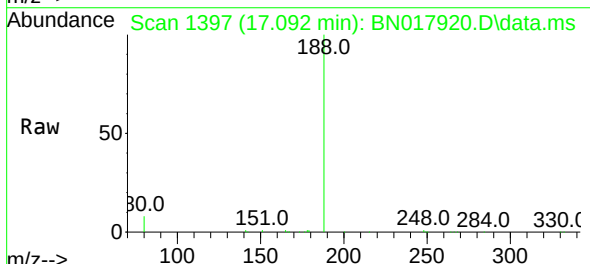
Manual Integrations
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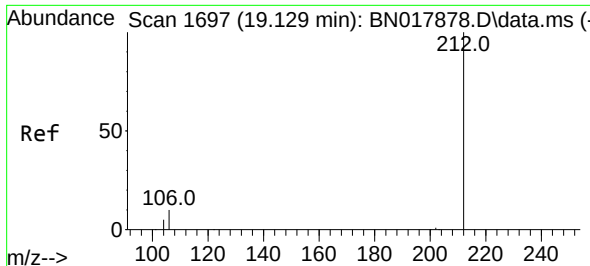
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

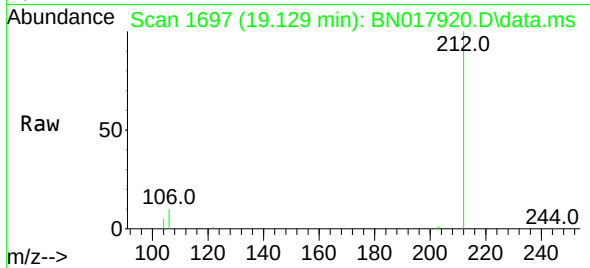
Tgt Ion:188 Resp: 126426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.2 9.2





#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

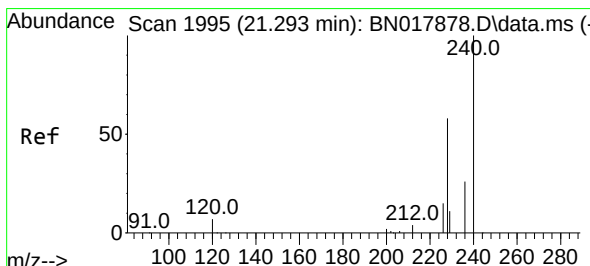
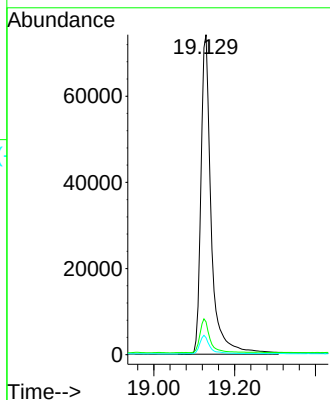
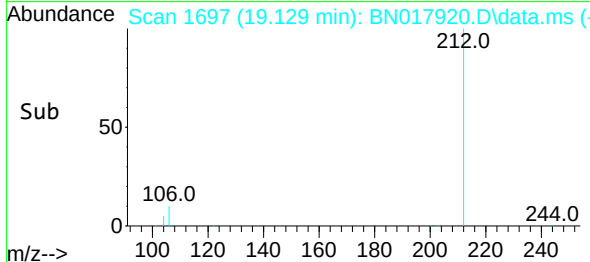
Instrument :
BNA_N
ClientSampleId :
RE114D1-20211206



Tgt Ion:212 Resp: 132130
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.7 4.6 6.8

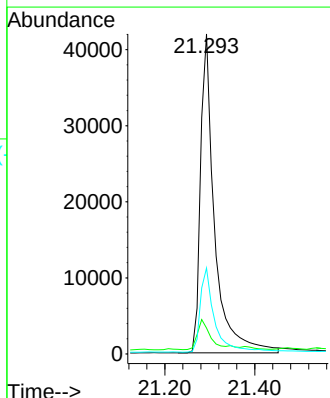
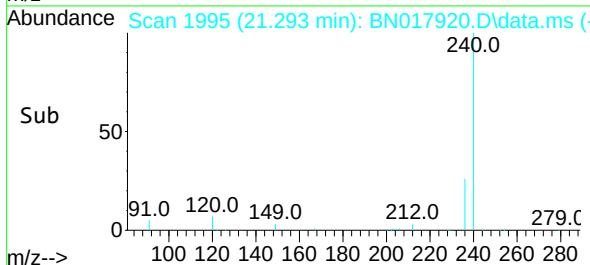
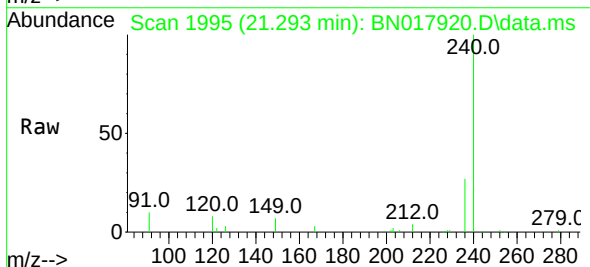
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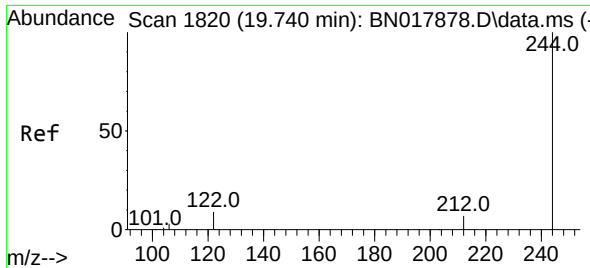
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017920.D
Acq: 12 Dec 2021 01:04

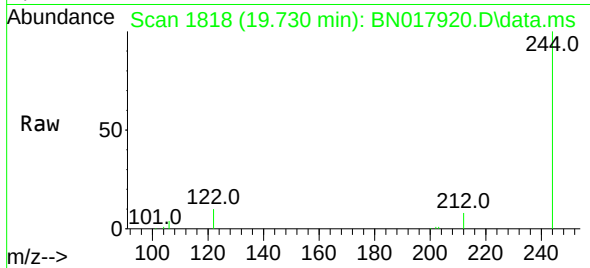
Tgt Ion:240 Resp: 91310
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 26.9 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.472 ng
 RT: 19.730 min Scan# 1820
 Delta R.T. -0.010 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

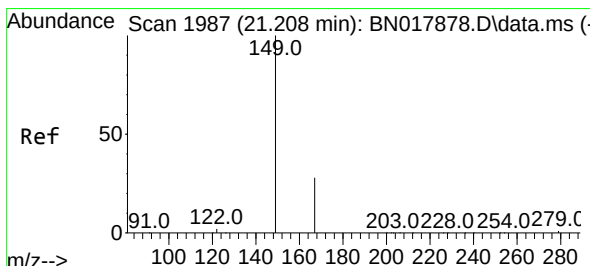
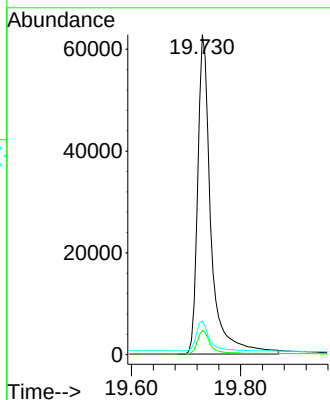
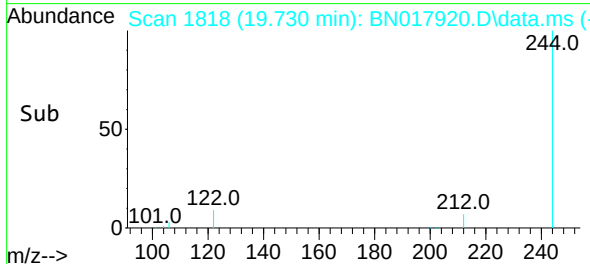
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20211206



Tgt Ion:244 Resp: 10617
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.4 7.5 11.3

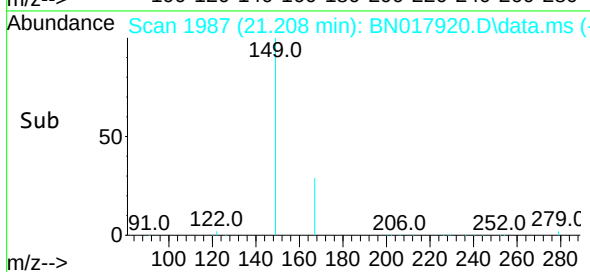
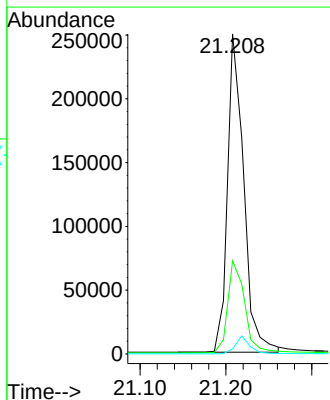
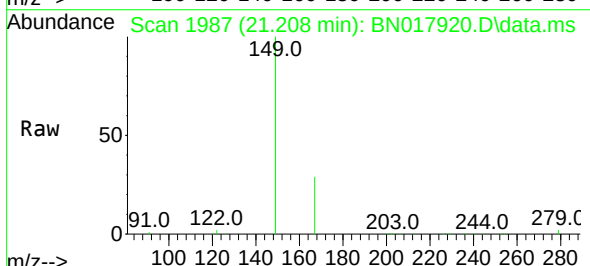
Manual Integrations
 APPROVED

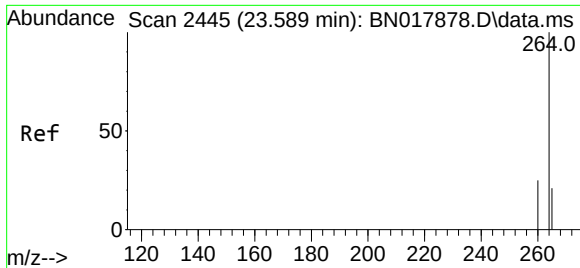
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 3.336 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

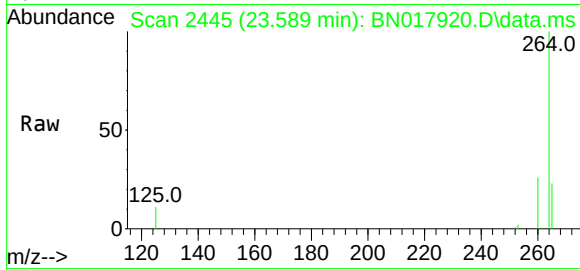
Tgt Ion:149 Resp: 327018
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.4 35.0
 279 5.0 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. -0.000 min
 Lab File: BN017920.D
 Acq: 12 Dec 2021 01:04

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20211206



Tgt Ion:264 Resp: 59400

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.4
265	23.1	18.2	27.4

Manual Integrations
 APPROVED

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

