Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011526.D
Acq On : 20 Aug 2020 16:06
Operator : CG/JU
Sample : L3668-02DL2 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBFS4DL2

Quant Time: Aug 20 17:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 13:39:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	138370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	536994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	326828	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	722968	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	695007	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	568214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.79	67	2589	0.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	2820	0.32	ng/ul	0.01
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.58	128	1682	0.40	ng/ul	0.01
22) 2-Nitrophenol-d4	9.28	143	1631	0.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	15270	0.60	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	14421	0.47	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.06	176	13084	0.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.91	188	23000	0.67	ng/ul	0.00
79) Pyrene-d10	19.22	212	22031	0.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	24704	0.78	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	857972	28.630	ng/ul	100
34) 2-Methylnaphthalene	11.84	142	48668	2.369	ng/ul	98
50) Acenaphthene	14.12	153	38567	1.737	ng/ul	95
54) Dibenzofuran	14.46	168	40093	1.245	ng/ul	91
75) Carbazole	17.23	167	54767	1.499	ng/ul	99

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

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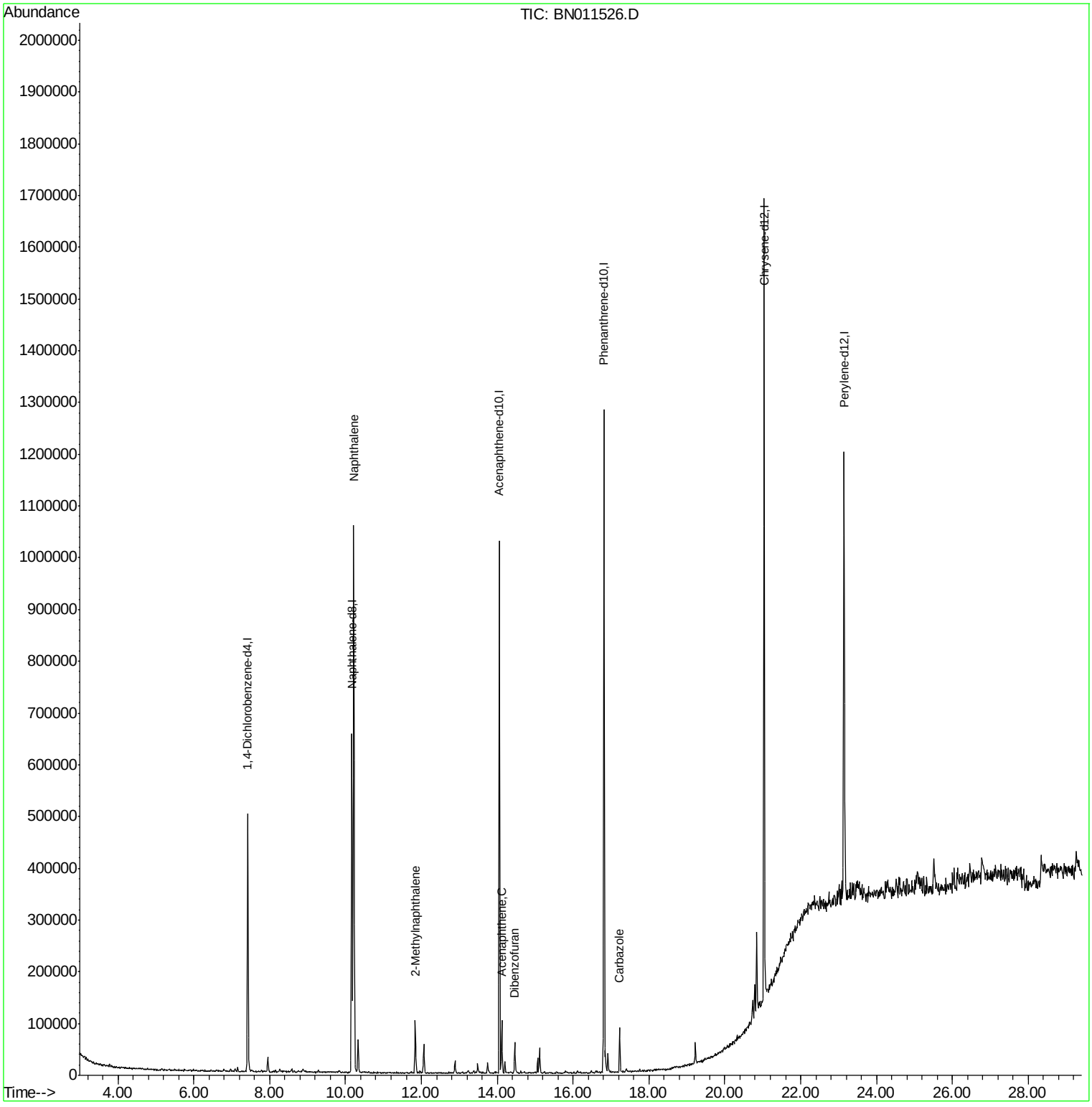
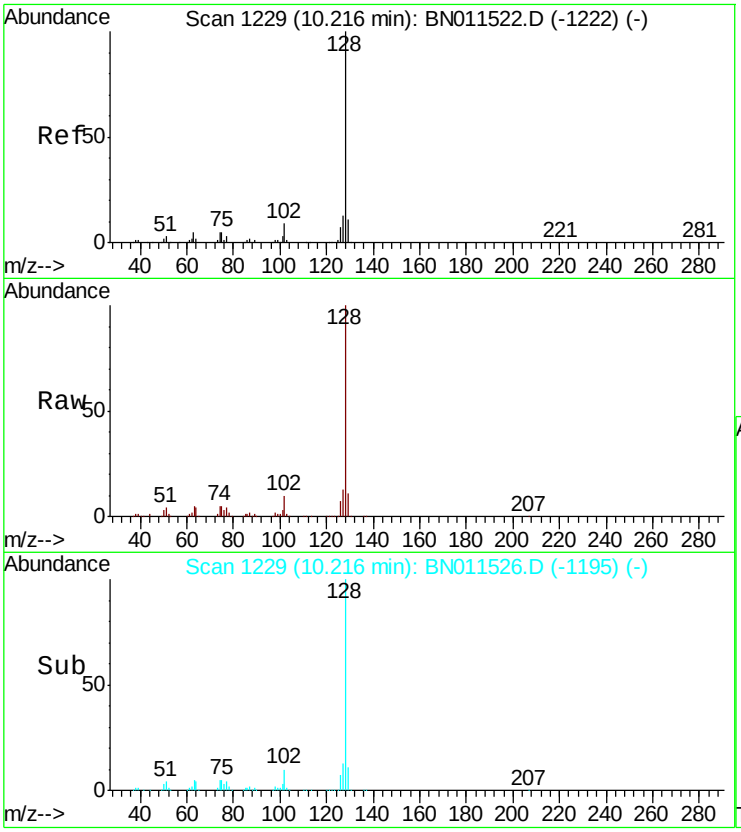


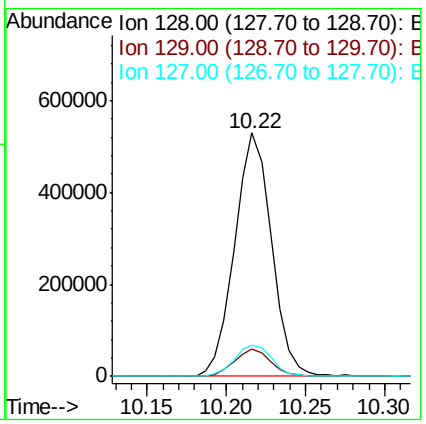


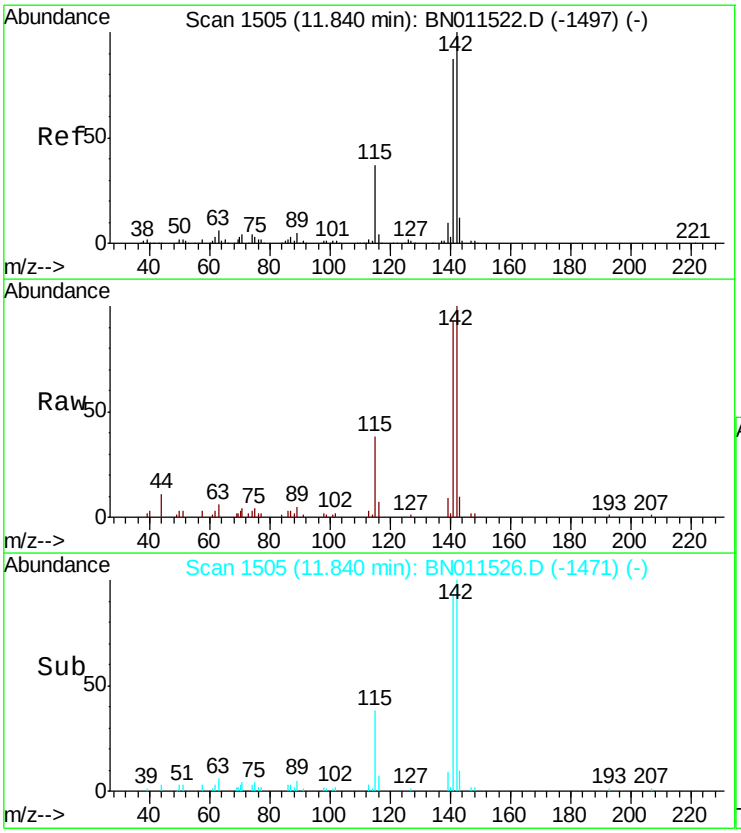
#28
Naphthalene
Concen: 28.630 ng/ul
RT: 10.22 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BN011526.D
Acq: 20 Aug 2020 16:06

Instrument :
BNA_N
ClientSampleId :
DBFS4DL2

Tgt Ion:128 Resp: 857972

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.2	15.2

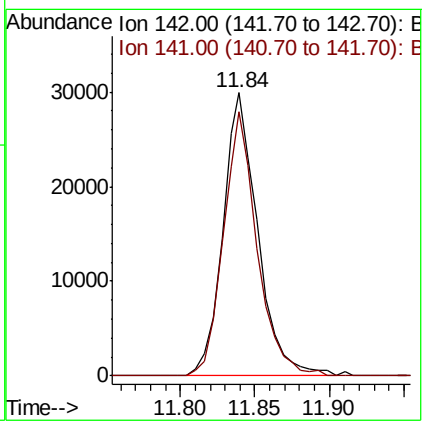


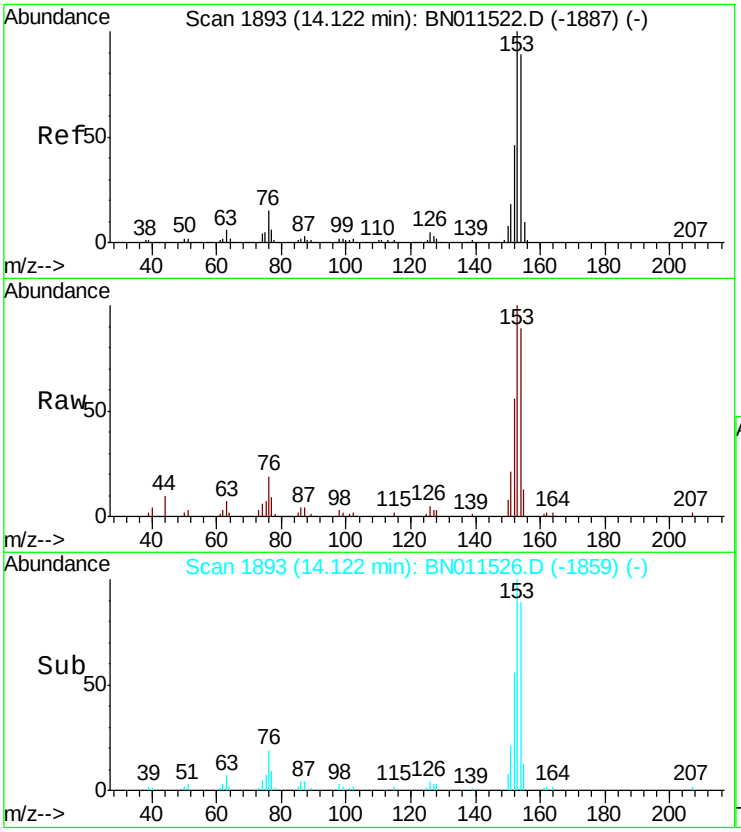


#34
2-Methylnaphthalene
Concen: 2.369 ng/ul
RT: 11.84 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BN011526.D
Acq: 20 Aug 2020 16:06

Tgt Ion:142 Resp: 48668

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.2	109.8



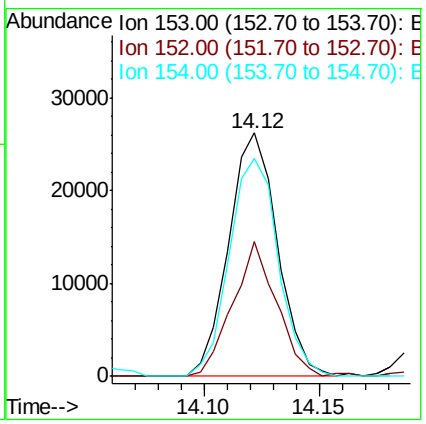


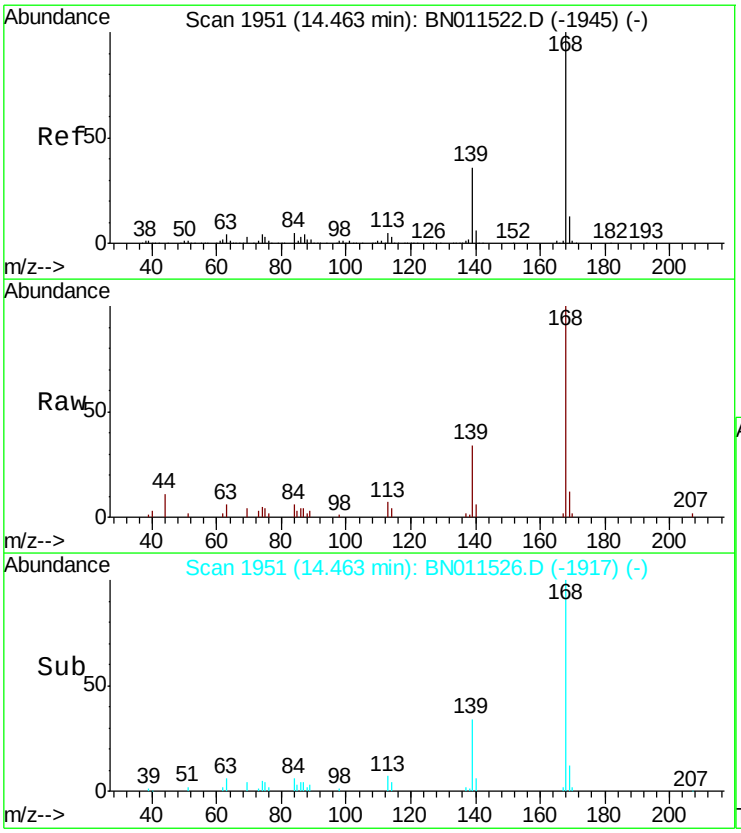
#50
Acenaphthene
Concen: 1.737 ng/ul
RT: 14.12 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BN011526.D
Acq: 20 Aug 2020 16:06

Instrument :
BNA_N
ClientSampleId :
DBFS4DL2

Tgt Ion:153 Resp: 38567

Ion	Ratio	Lower	Upper
153	100		
152	55.5	37.6	56.4
154	89.4	72.0	108.0

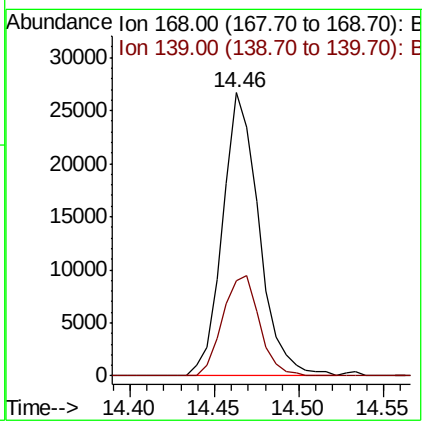


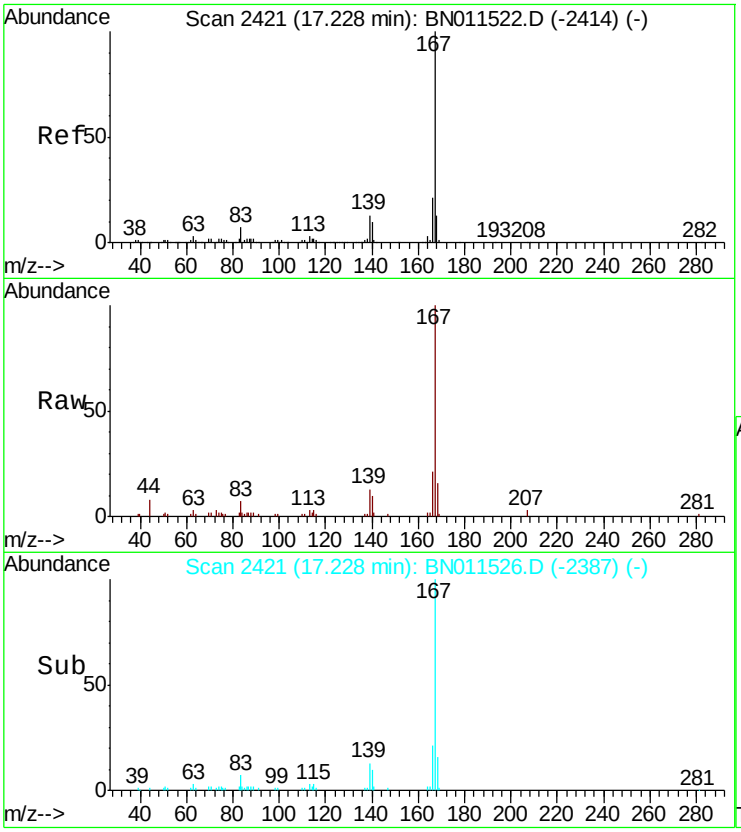


#54
Dibenzofuran
Concen: 1.245 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BN011526.D
Acq: 20 Aug 2020 16:06

Tgt Ion:168 Resp: 40093

Ion	Ratio	Lower	Upper
168	100		
139	33.6	31.1	46.7





#75
Carbazole
Concen: 1.499 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BN011526.D
Acq: 20 Aug 2020 16:06

Instrument :
BNA_N
ClientSampleId :
DBFS4DL2

Tgt Ion:167 Resp: 54767

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.2	10.2	15.2