

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002410.D
 Acq On : 18 Aug 2018 09:51
 Operator : JU/SJ
 Sample : J4424-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z60

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:14:33 PM

Quant Time: Aug 20 03:53:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 18 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	181331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	864140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	531422	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1242211	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1417561	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1485357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	15431	4.02	ng/uL	0.00
5) Phenol-d5	6.85	99	385250	23.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	240388	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	297339	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	277375	20.87	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	156756	22.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	167327	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	305598	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	279628	19.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1055588	23.96	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1319226	24.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	151523m	18.20	ng/ul	0.00
57) Fluorene-d10	15.30	176	921189	24.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	135840	17.18	ng/ul	0.00
70) Anthracene-d10	17.15	188	1376584	23.20	ng/ul	0.00
78) Pyrene-d10	19.45	212	1631584	24.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1762497	22.69	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.88	94	21230	1.254	ng/ul#	79
44) Dimethylphthalate	13.76	163	211300	4.891	ng/ul	99
47) Acenaphthylene	14.03	152	53192	1.034	ng/ul	99
69) Phenanthrene	17.09	178	379930	5.548	ng/ul	99
76) Fluoranthene	19.12	202	611685	7.848	ng/ul	98
79) Pyrene	19.48	202	528832	6.187	ng/ul	99
82) Benzo(a)anthracene	21.24	228	262452	3.022	ng/ul	95
84) Chrysene	21.29	228	288369	3.508	ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	411022	4.616	ng/ul	96
88) Benzo(k)fluoranthene	22.85	252	130204m	1.552	ng/ul	
90) Benzo(a)pyrene	23.37	252	270976	3.195	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.69	276	173601	1.721	ng/ul	96
93) Benzo(g,h,i)perylene	26.36	276	156036	1.853	ng/ul	97

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

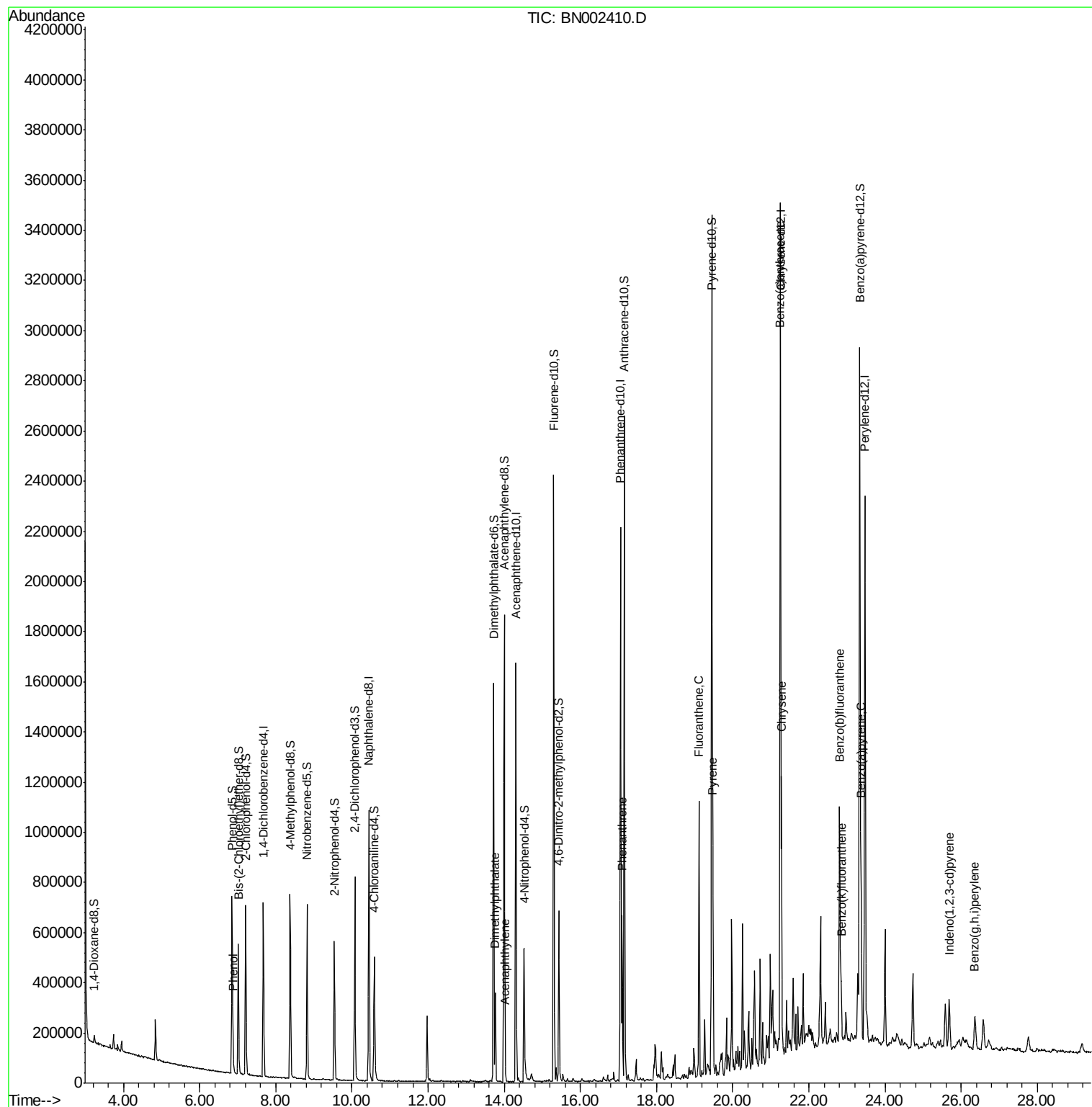
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002410.D
Acq On : 18 Aug 2018 09:51
Operator : JU/SJ
Sample : J4424-14
Misc :
ALS Vial : 42 Sample Multiplier: 1

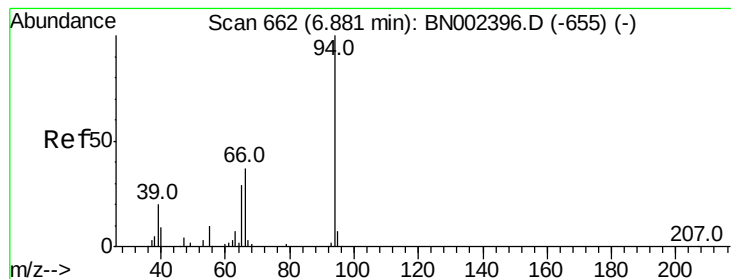
Instrument :
BNA_N
ClientSampleId :
A3Z60

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Quant Time: Aug 20 03:53:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 04:58:06 2018
Response via : Initial Calibration





#6

Phenol

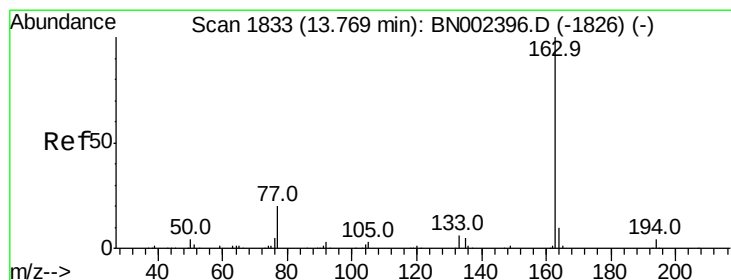
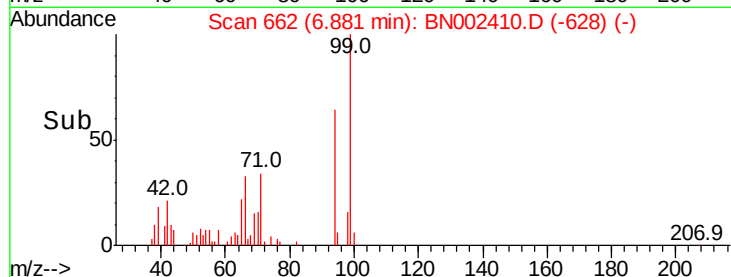
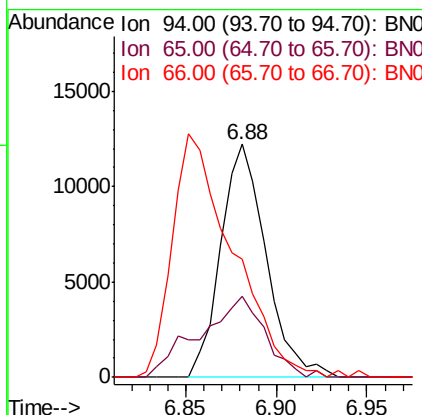
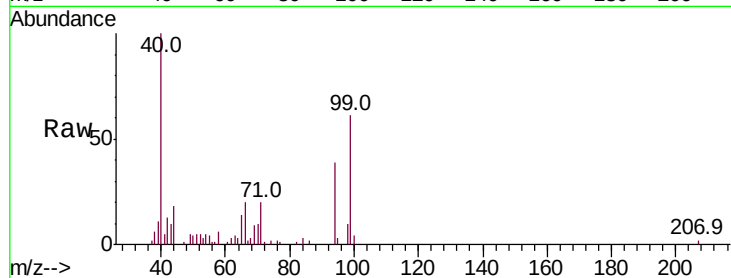
Concen: 1.254 ng/ul
 RT: 6.88 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BN002410.D
 Acq: 18 Aug 2018 09:51

Instrument :
 BNA_N
 ClientSampleId :
 A3Z60

Tot Ion	Ratio	Lower	Upper
94	100		
65	34.9	21.0	31.6#
66	50.7	29.3	43.9#

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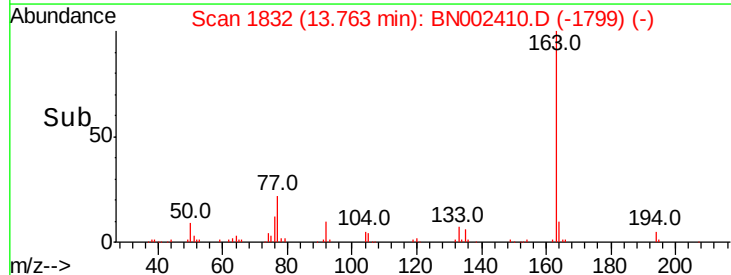
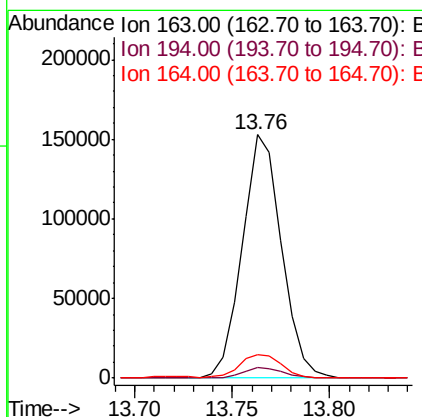
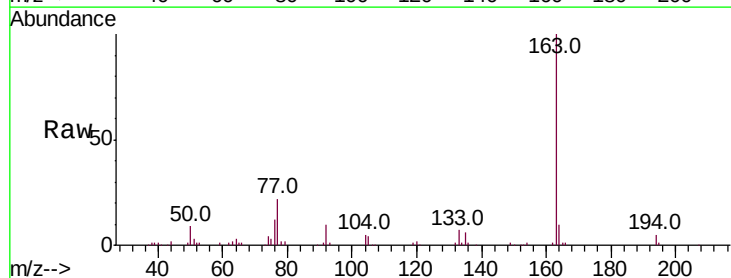


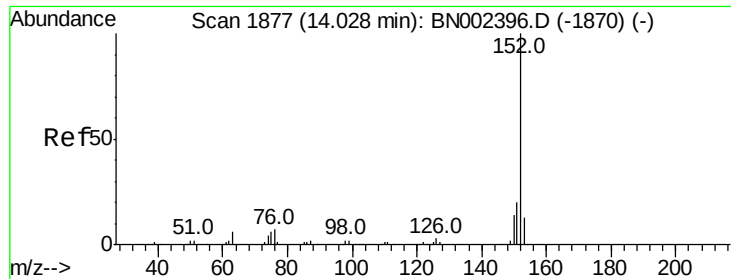
#44

Dimethylphthalate

Concen: 4.891 ng/ul
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BN002410.D
 Acq: 18 Aug 2018 09:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.8	7.8	11.8





#47

Acenaphthylene

Concen: 1.034 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

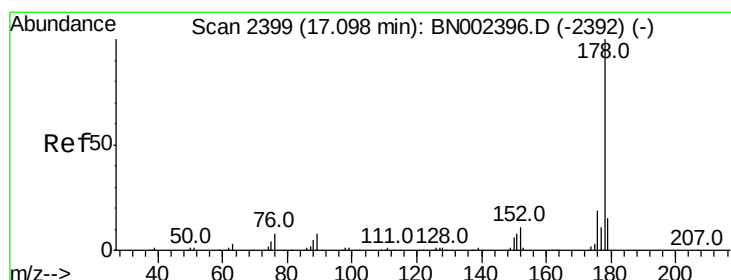
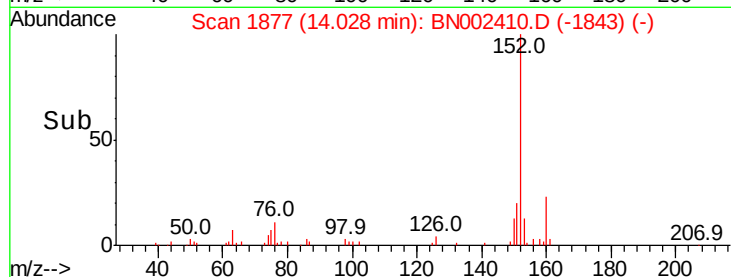
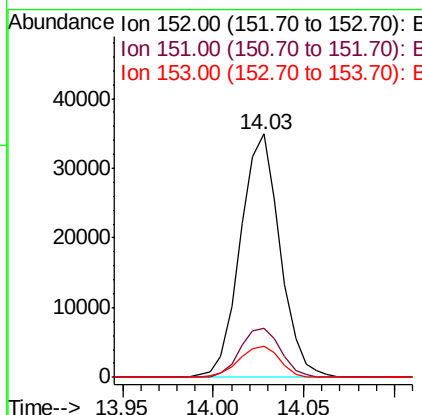
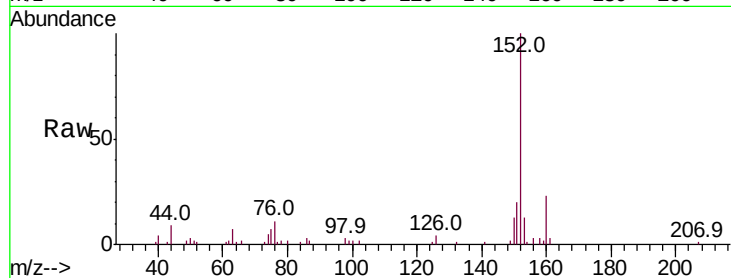
ClientSampleId :

A3Z60

Tot Ion:	152	Resp:	53192
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.7	23.5
153	12.7	10.5	15.7

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#69

Phenanthrene

Concen: 5.548 ng/ul

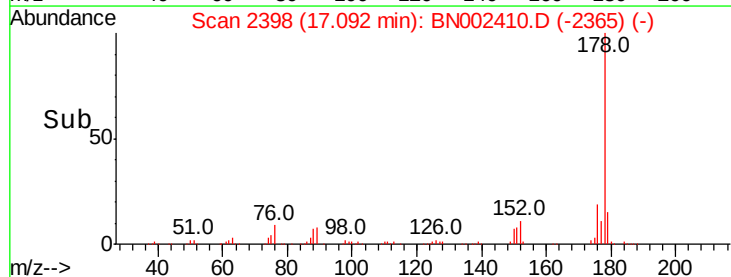
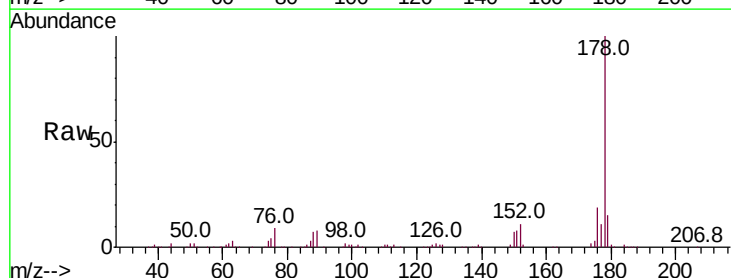
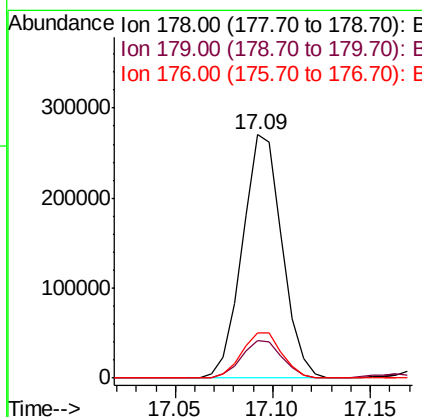
RT: 17.09 min Scan# 2398

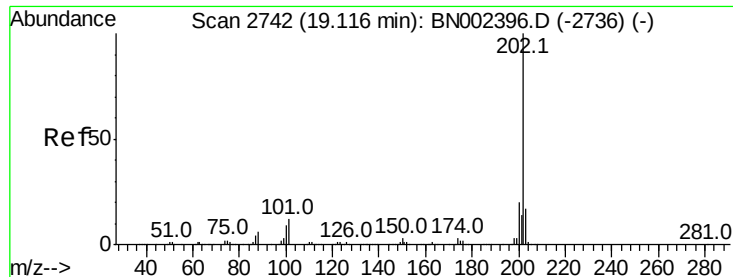
Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Tgt Ion:	178	Resp:	379930
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	18.7	15.6	23.4





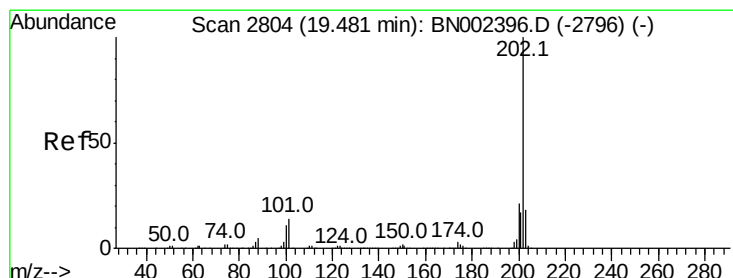
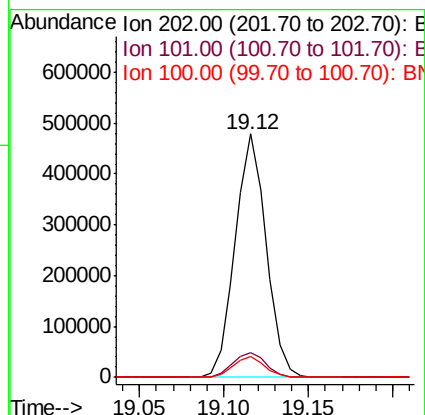
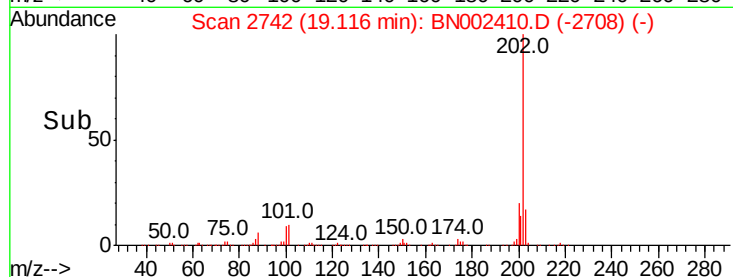
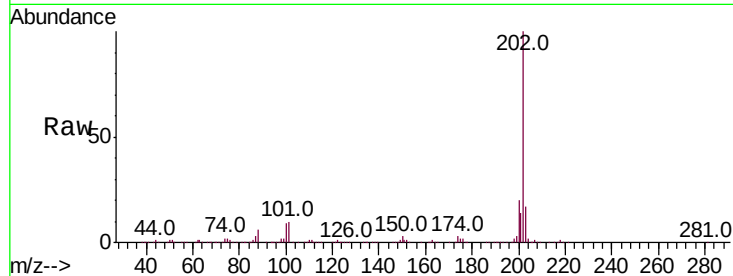
#76
Fluoranthene
Concen: 7.848 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BN002410.D
Acq: 18 Aug 2018 09:51

Instrument :
BNA_N
ClientSampleId :
A3Z60

Tot Ion:	202	Resp:	611685
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.8	13.2
100	8.6	6.6	9.8

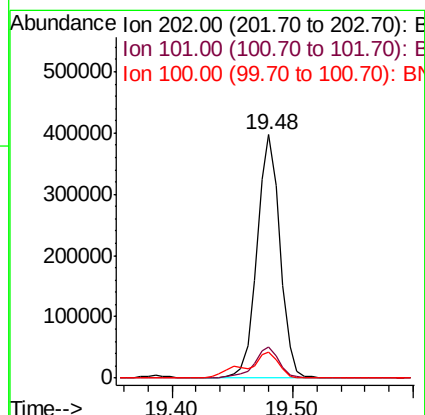
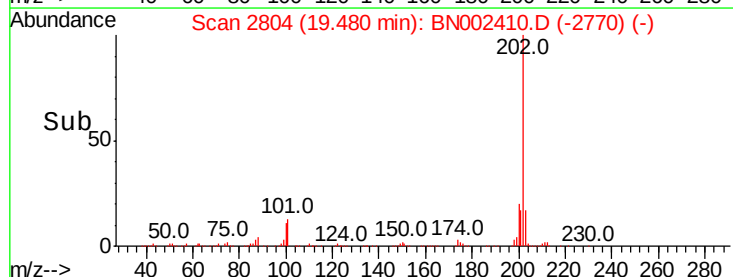
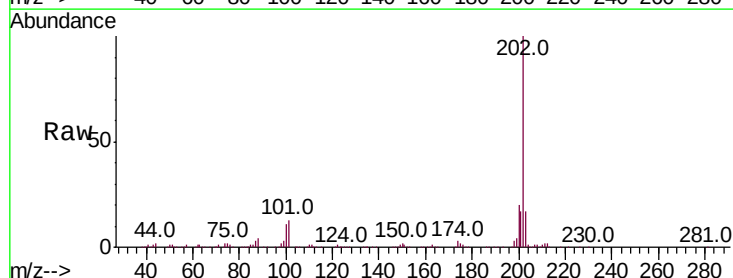
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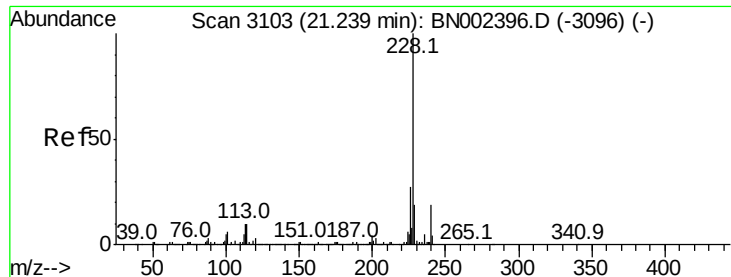
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#79
Pyrene
Concen: 6.187 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BN002410.D
Acq: 18 Aug 2018 09:51

Tgt Ion:	202	Resp:	528832
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.2	15.2
100	10.8	8.5	12.7





#82

Benzo(a)anthracene

Concen: 3.022 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

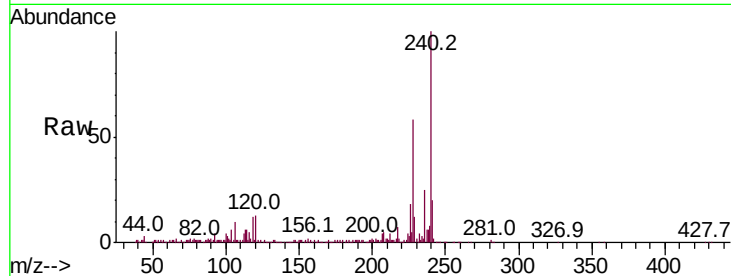
ClientSampled :

A3Z60

Tot Ion:	228	Resp:	262452
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.7	23.5
226	31.4	21.8	32.6

Manual Integrations
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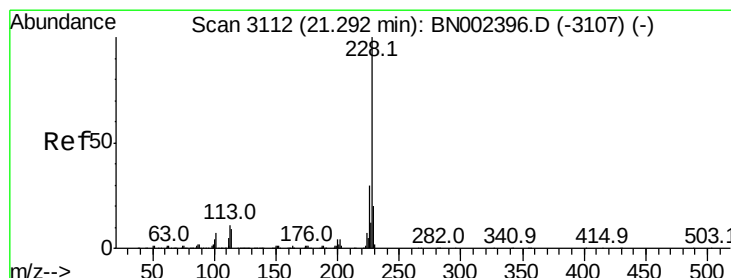
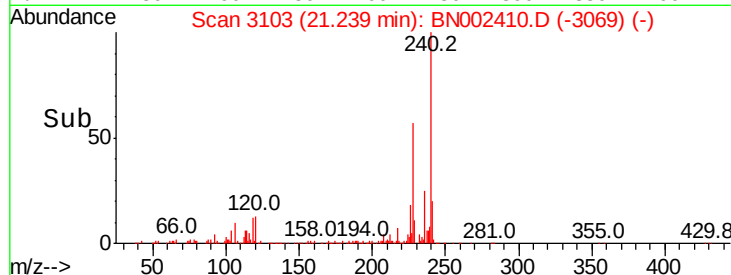
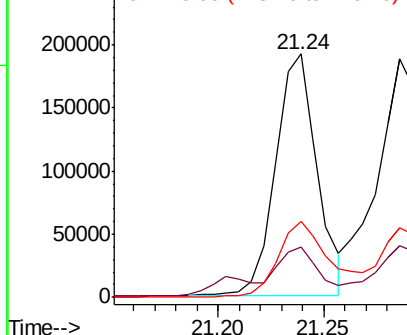


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 3.508 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

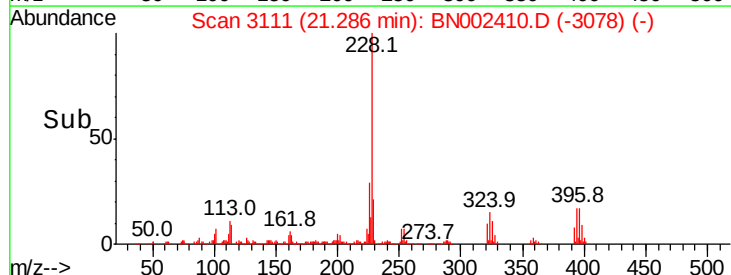
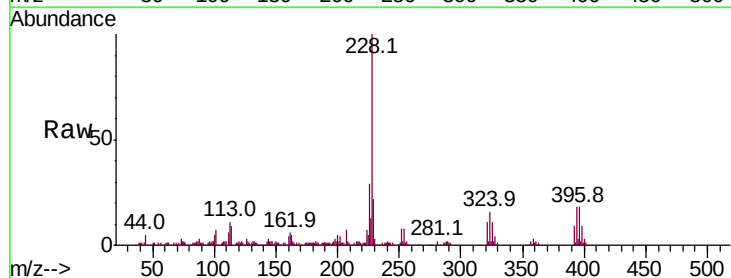
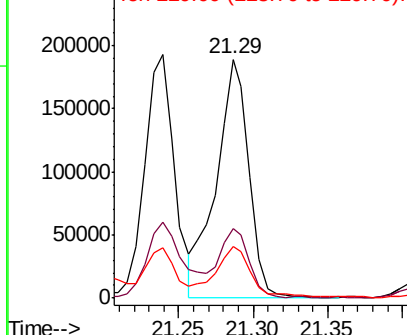
Tgt Ion:	228	Resp:	288369
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	21.6	15.6	23.4

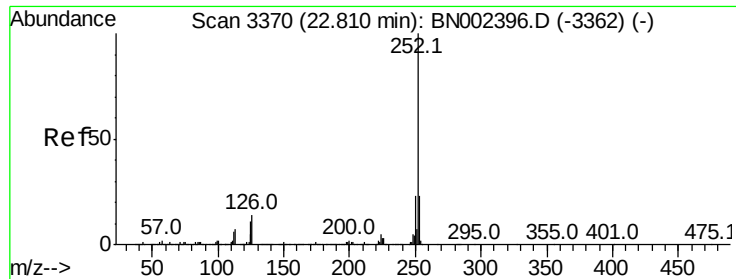
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 4.616 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BN002410.D

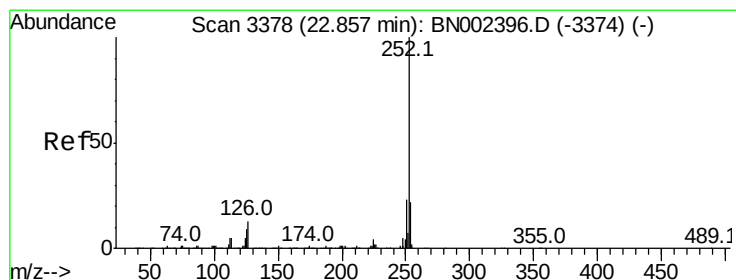
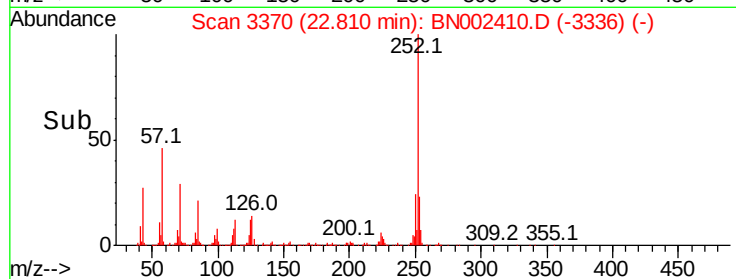
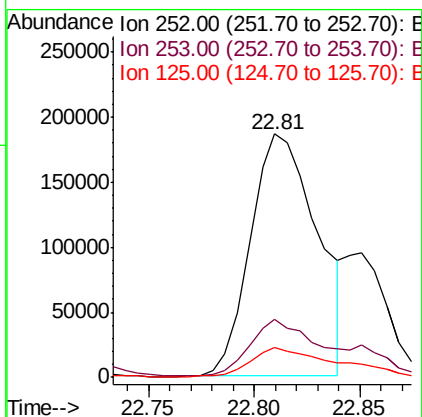
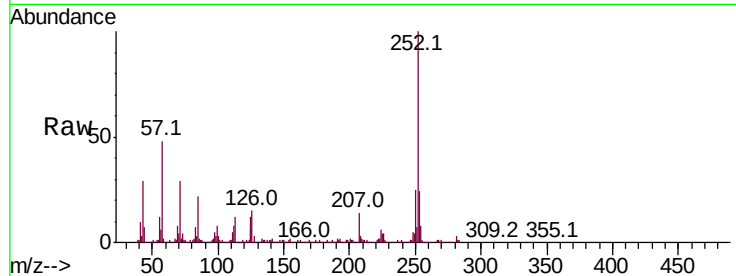
Acq: 18 Aug 2018 09:51

Instrument :
BNA_N
ClientSampled :
A3Z60

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.0	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 1.552 ng/ul m

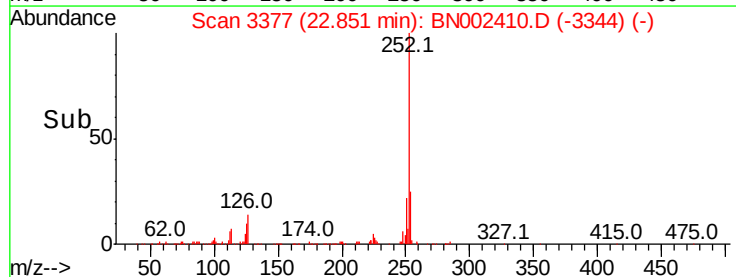
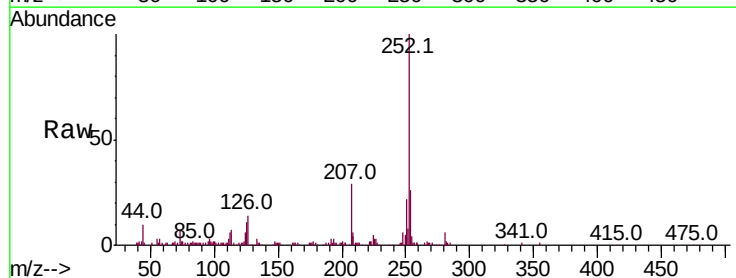
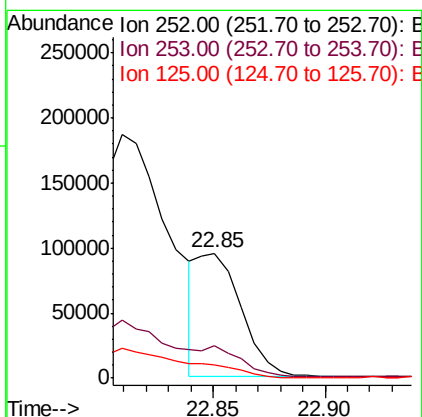
RT: 22.85 min Scan# 3377

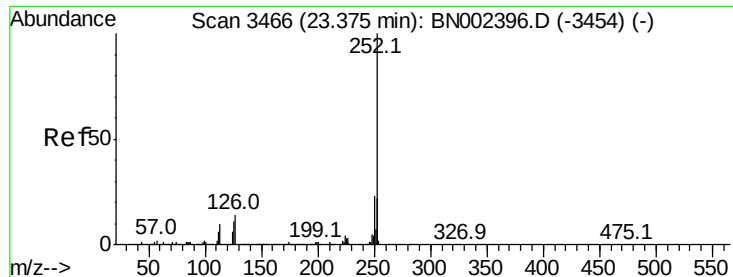
Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	11.0	8.2	12.2





#90

Benzo(a)pyrene

Concen: 3.195 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

Instrument :

BNA_N

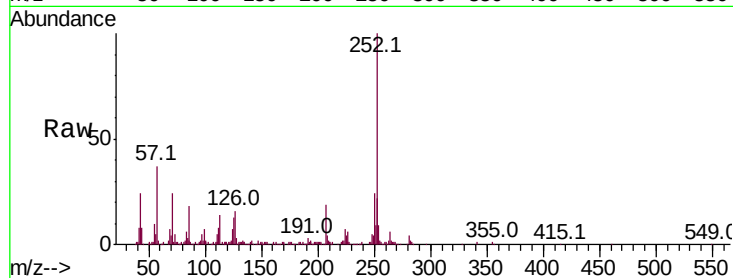
ClientSampled :

A3Z60

Tot Ion:	252	Resp:	270976
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	13.3	9.0	13.6

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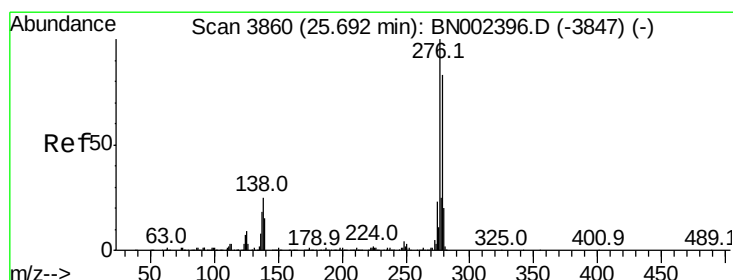
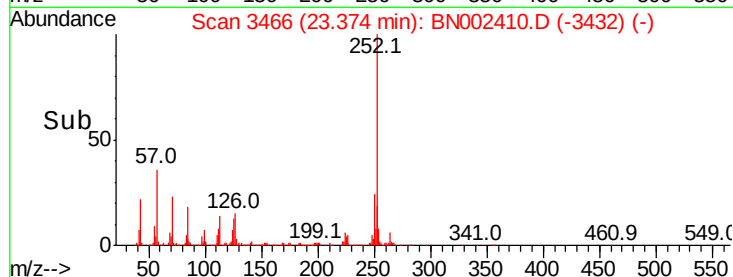
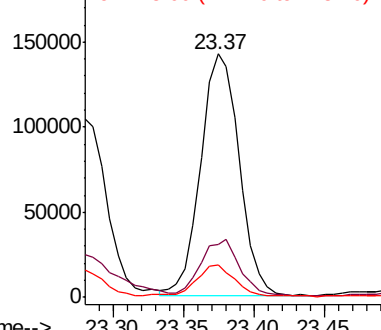


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.721 ng/ul

RT: 25.69 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BN002410.D

Acq: 18 Aug 2018 09:51

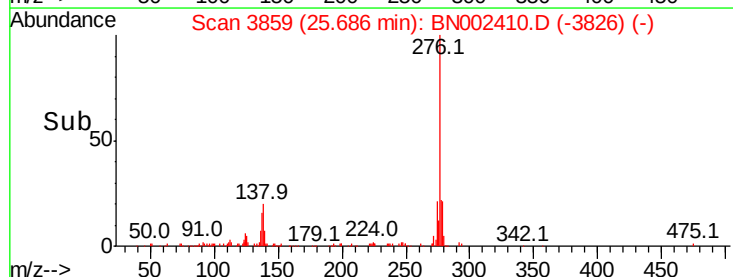
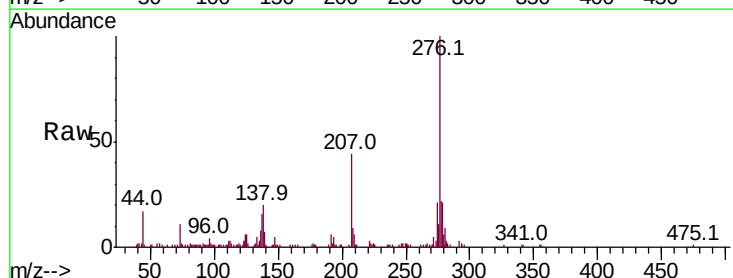
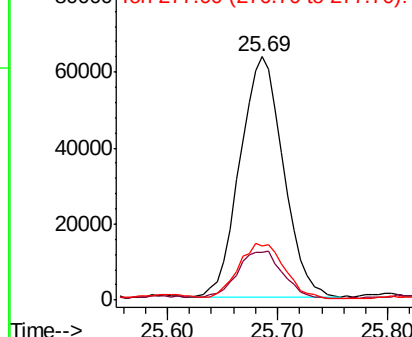
Tgt Ion:	276	Resp:	173601
Ion Ratio	Lower	Upper	
276	100		
138	26.6	22.3	33.5
277	22.3	20.2	30.2

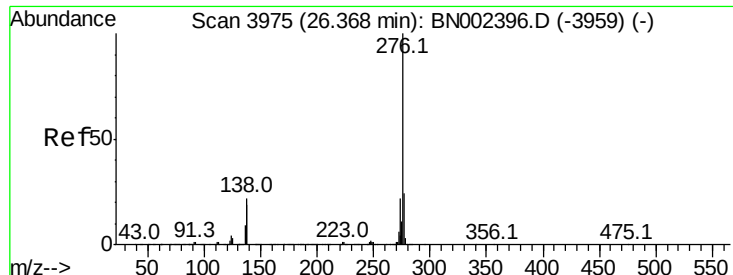
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93
 Benzo(a,h,i)perylene
 Concen: 1.853 ng/ul
 RT: 26.36 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: BN002410.D
 Acq: 18 Aug 2018 09:51

Instrument :
 BNA_N
 ClientSampleId :
 A3Z60

Tot Ion:	276	Resp:	156036
Ion Ratio	Lower	Upper	
276	100		
138	22.7	18.9	28.3
277	26.3	19.2	28.8

Manual Integrations
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