

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006504.D
 Acq On : 22 Jun 2019 23:51
 Operator : HP/JU
 Sample : K3360-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z0

Manual Integrations
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Quant Time: Jun 24 09:21:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5007	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19849	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10957	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	22483m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	14021m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	10949m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	5565	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	13086m	0.22	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.46	128	2345	0.043	ng/ul#	89
5) 2-Methylnaphthalene	12.08	142	771	0.020	ng/ul	92
12) Phenanthrene	17.08	178	3246	0.045	ng/ul	93
15) Fluoranthene	19.11	202	8487m	0.106	ng/ul	
17) Pyrene	19.47	202	8903	0.121	ng/ul	96
18) Benzo(a)anthracene	21.23	228	4373	0.071	ng/ul	96
19) Chrysene	21.29	228	5206	0.089	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	5620	0.123	ng/ul	83
22) Benzo(k)fluoranthene	22.86	252	3871m	0.087	ng/ul	
23) Benzo(a)pyrene	23.38	252	3722m	0.088	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	3733m	0.081	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	2220m	0.060	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	3063m	0.079	ng/ul	

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

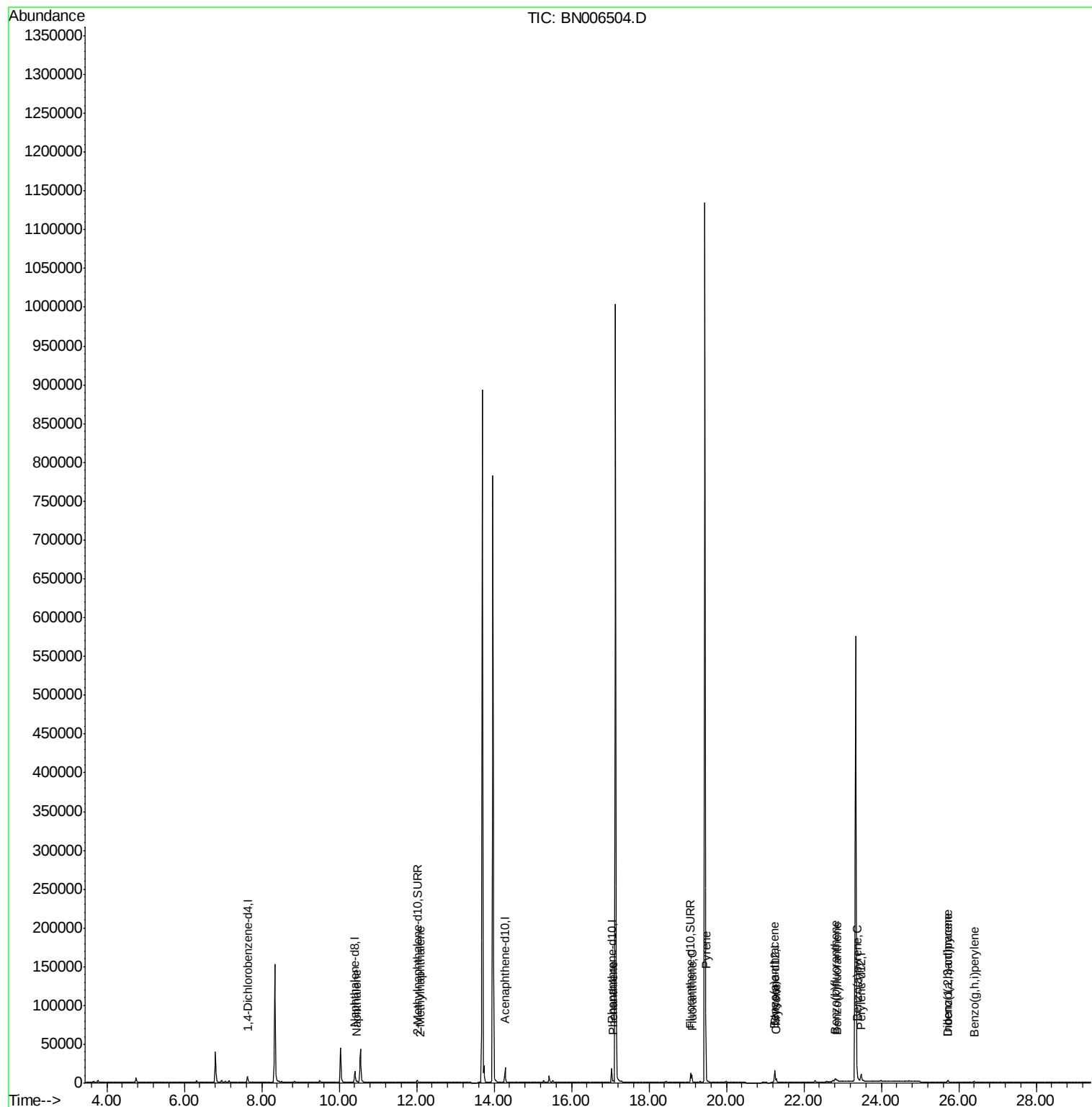
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006504.D
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ALS Vial : 21 Sample Multiplier: 1

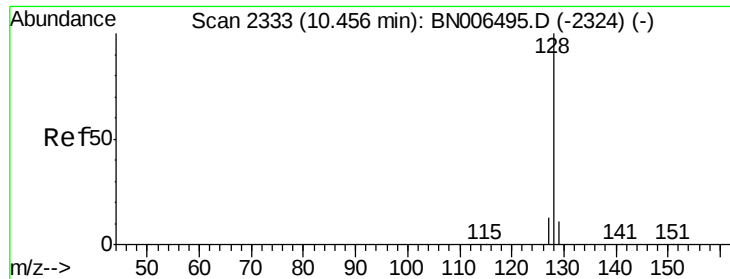
Instrument :
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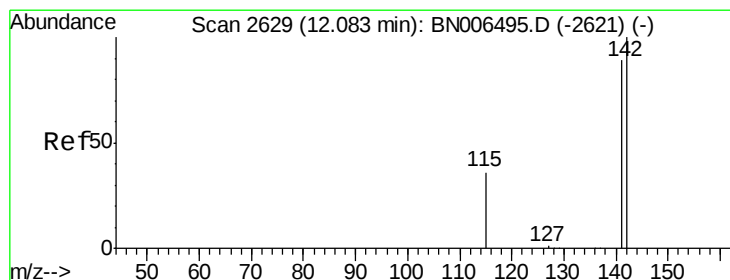
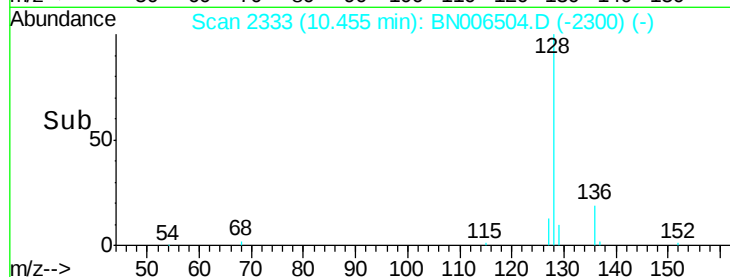
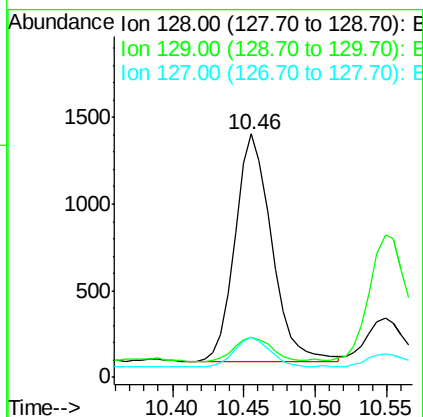
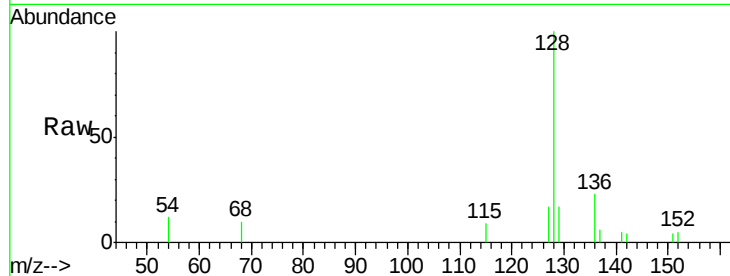
#3
Naphthalene
Concen: 0.043 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BN006504.D
Acq: 22 Jun 2019 23:51

Instrument :
BNA_N
ClientSampleId :
A41Z0

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.3	13.9#
127	16.7	10.7	16.1#

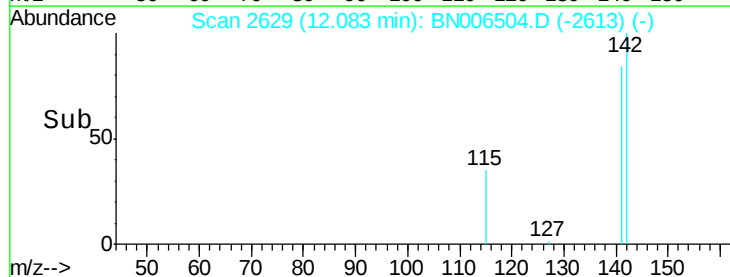
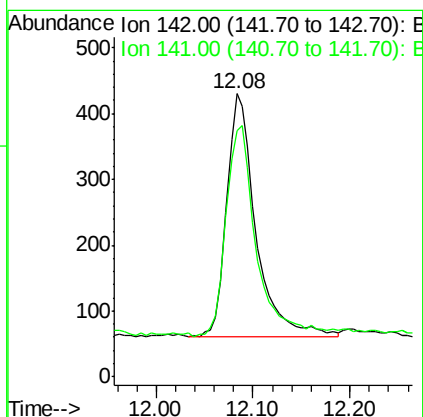
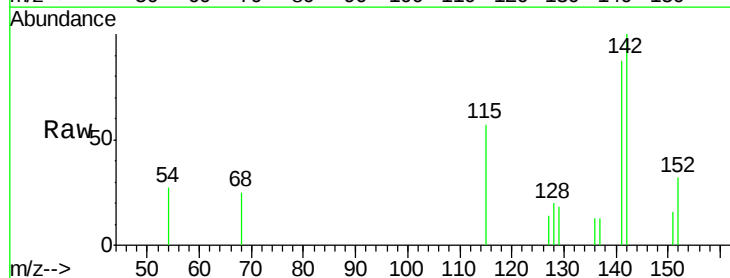
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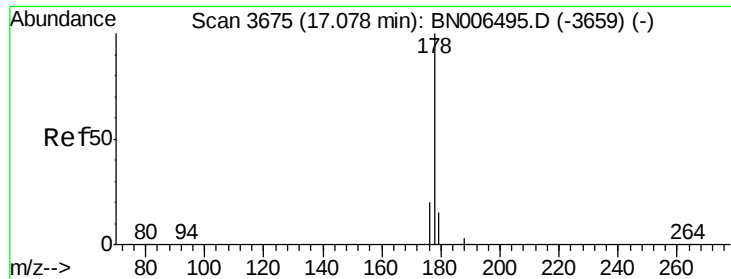
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#5
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.08 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BN006504.D
Acq: 22 Jun 2019 23:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	70.3	105.5





#12

Phenanthrene

Concen: 0.045 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Instrument :

BNA_N

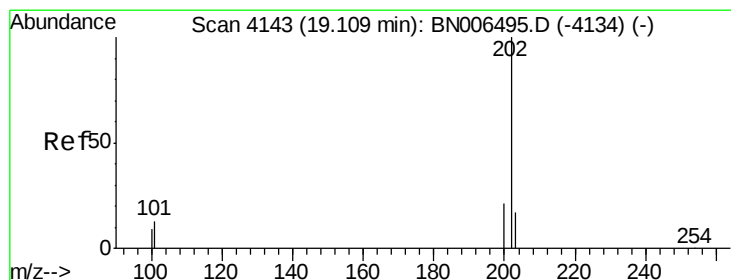
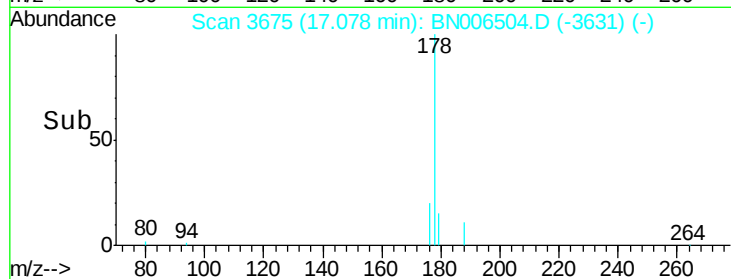
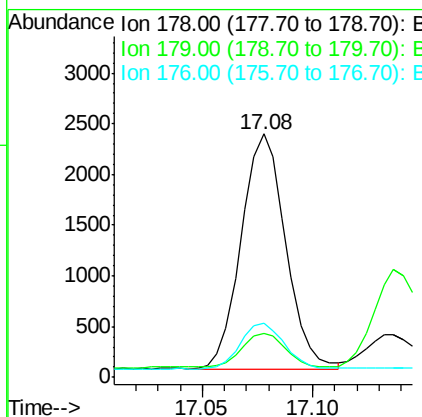
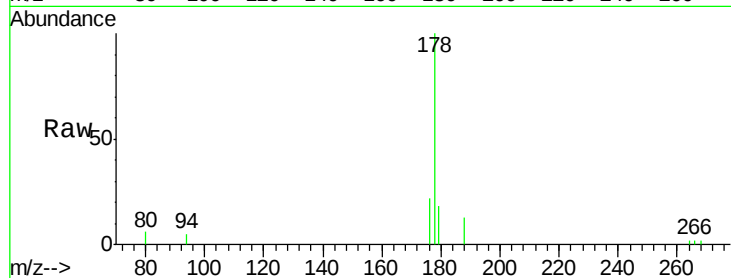
ClientSampleId :

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Tgt Ion:	178	Resp:	3246
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.3	18.5
176	22.5	15.3	22.9

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#15

Fluoranthene

Concen: 0.106 ng/ul m

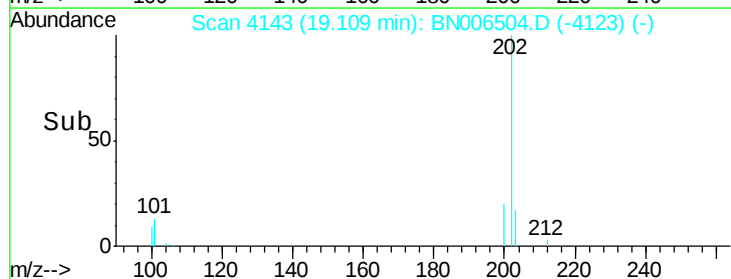
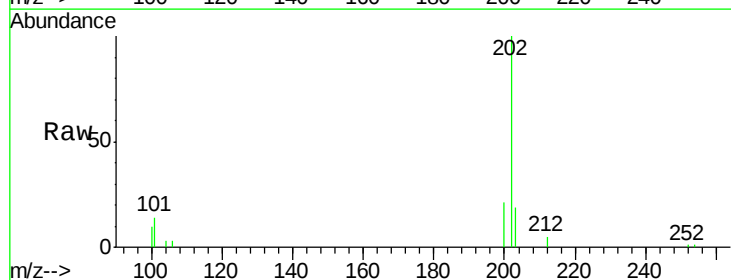
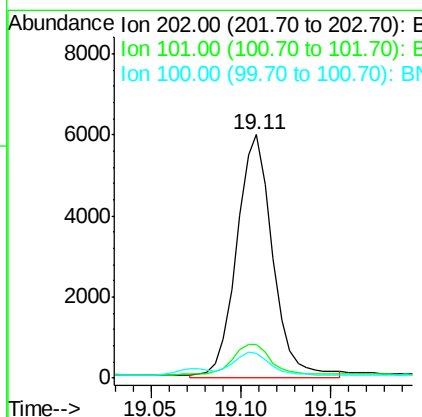
RT: 19.11 min Scan# 4143

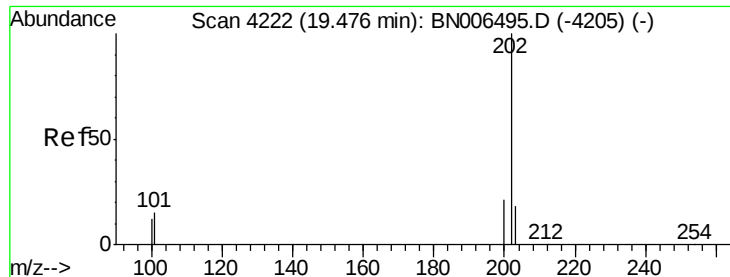
Delta R.T. -0.01 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Tgt Ion:	202	Resp:	8487
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	32.1
100	10.3	0.0	28.7





#17

Pyrene

Concen: 0.121 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Instrument :

BNA_N

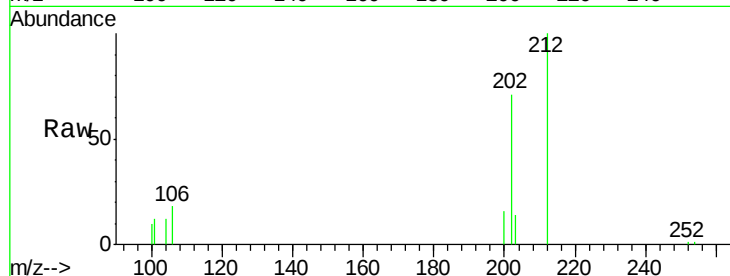
ClientSampleId :

A41Z0

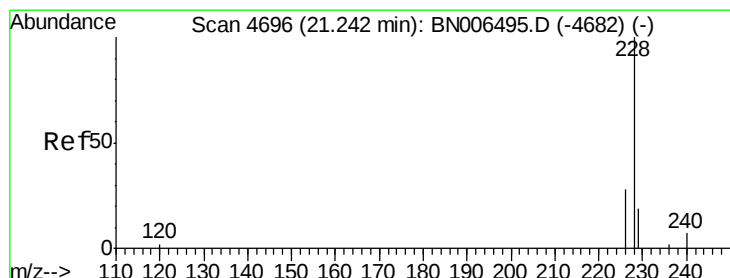
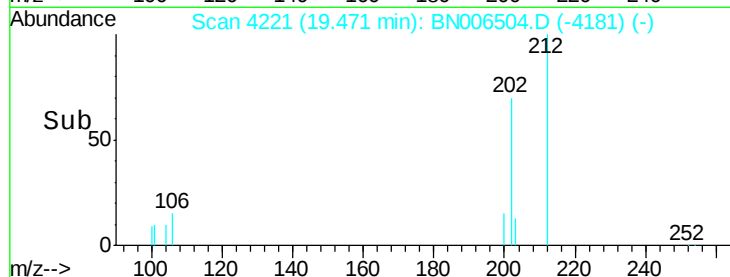
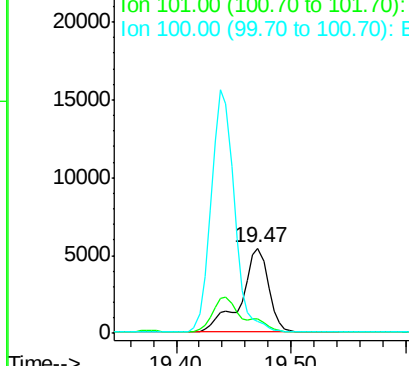
Tgt Ion:	202	Resp:	8903
Ion Ratio	Lower	Upper	
202	100		
101	16.3	12.2	18.2
100	14.2	9.8	14.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.071 ng/ul

RT: 21.23 min Scan# 4693

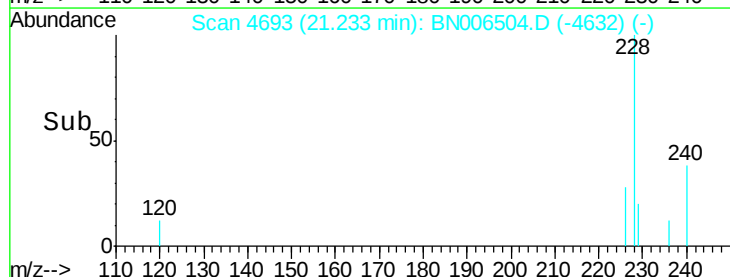
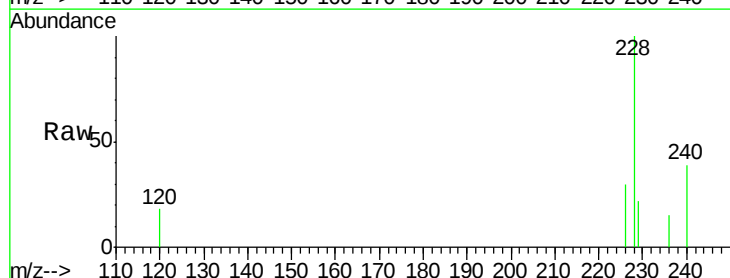
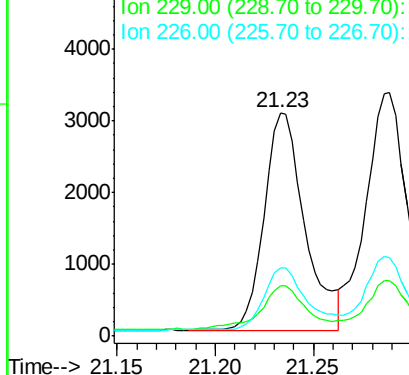
Delta R.T. -0.02 min

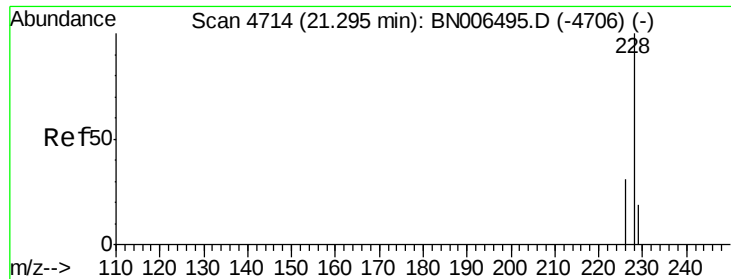
Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Tgt Ion:	228	Resp:	4373
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.5	24.7
226	30.3	22.8	34.2

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





#19

Chrysene

Concen: 0.089 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.02 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Instrument :

BNA_N

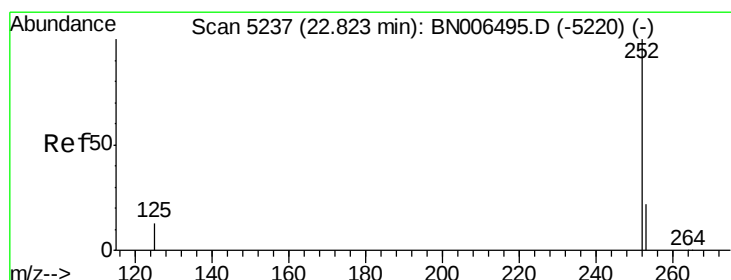
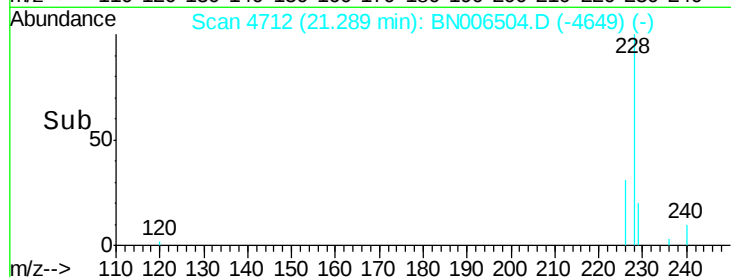
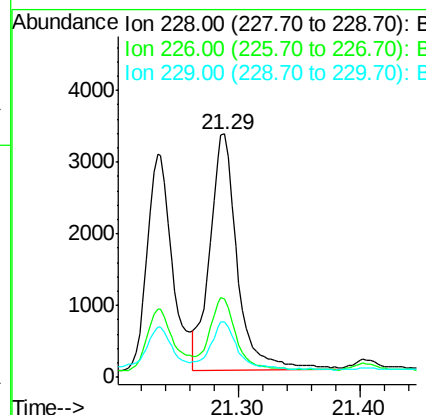
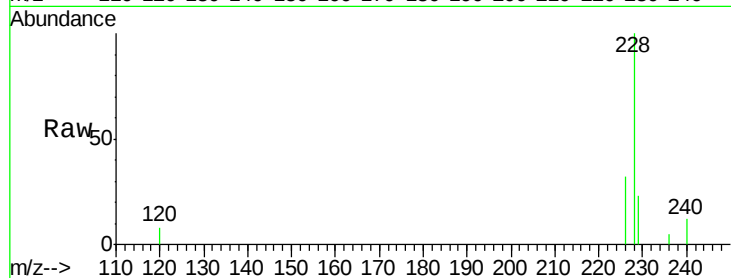
ClientSampleId :

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Tgt Ion:	228	Resp:	5206
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.0	37.6
229	22.5	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.123 ng/ul

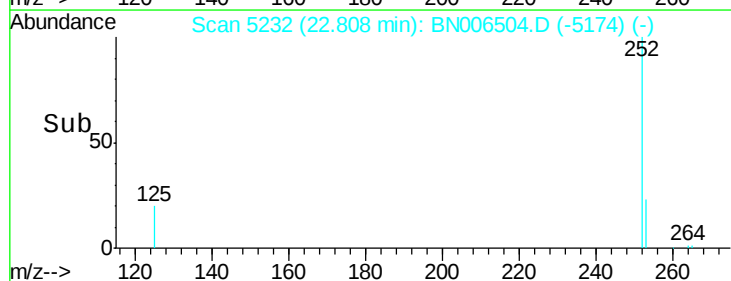
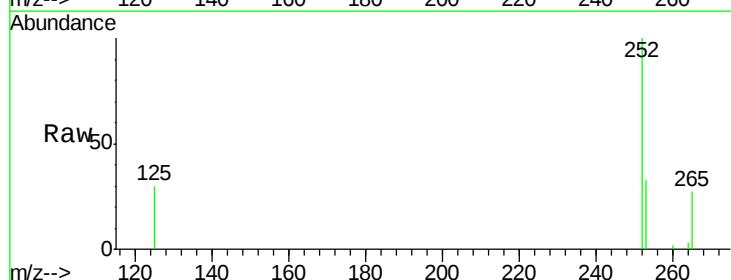
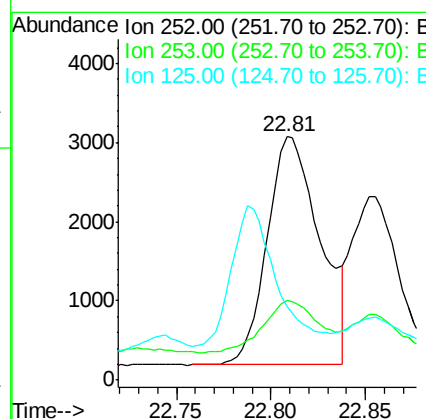
RT: 22.81 min Scan# 5232

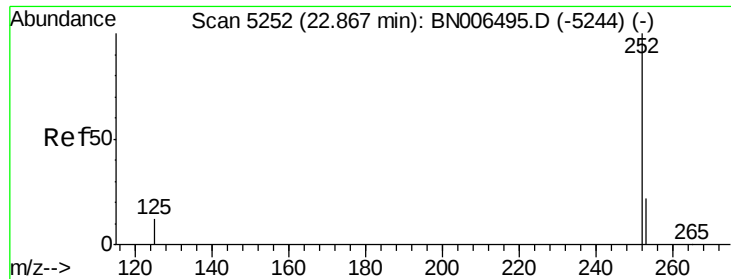
Delta R.T. -0.03 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Tgt Ion:	252	Resp:	5620
Ion Ratio	Lower	Upper	
252	100		
253	32.7	0.0	51.4
125	30.2	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.087 ng/ul m

RT: 22.86 min Scan# 5248

Delta R.T. -0.03 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Instrument :

BNA_N

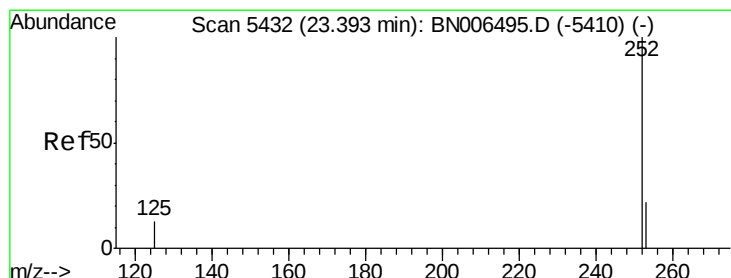
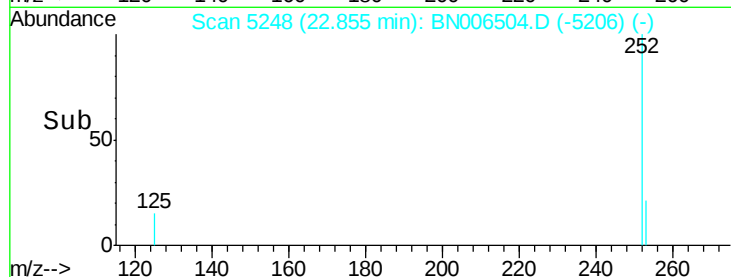
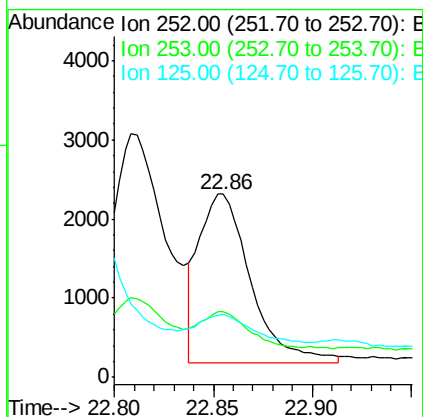
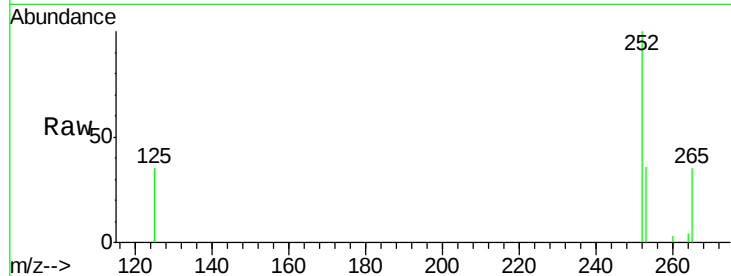
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Tgt Ion:	252	Resp:	3871
Ion Ratio	Lower	Upper	
252	100		
253	35.6	20.3	30.5#
125	34.7	14.3	21.5#

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#23

Benzo(a)pyrene

Concen: 0.088 ng/ul m

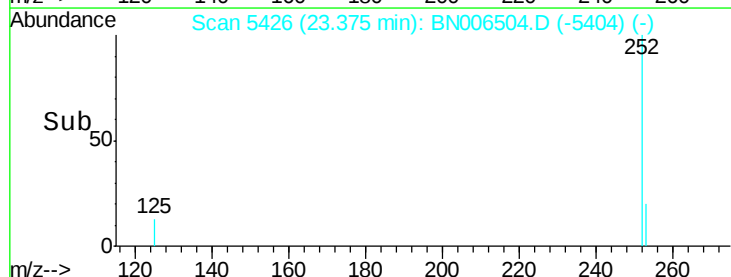
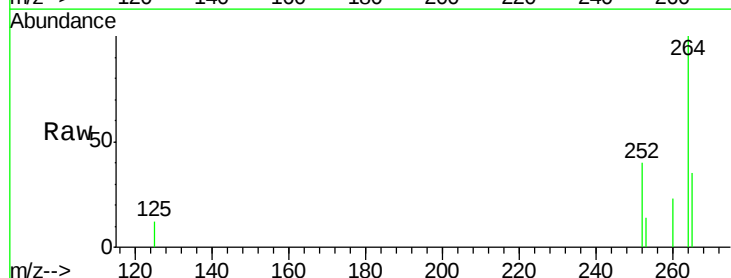
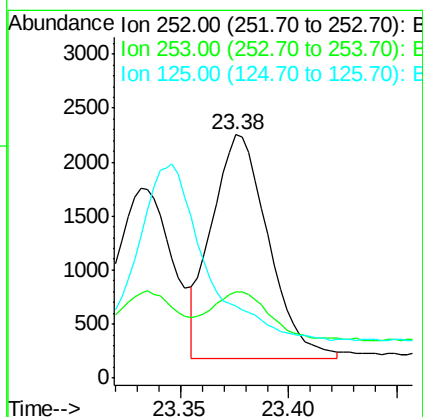
RT: 23.38 min Scan# 5426

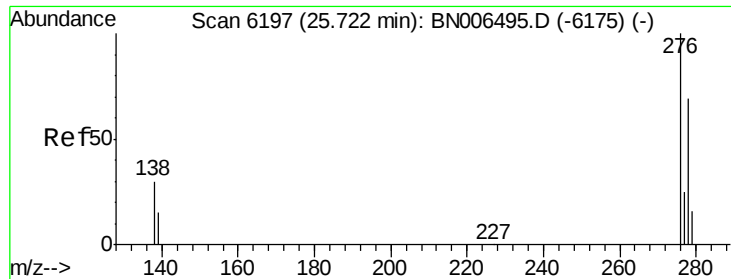
Delta R.T. -0.04 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Tgt Ion:	252	Resp:	3722
Ion Ratio	Lower	Upper	
252	100		
253	35.5	21.1	31.7#
125	29.8	20.3	30.5





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.081 ng/ul m

RT: 25.71 min Scan# 6195

Delta R.T. -0.03 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

Instrument :

BNA_N

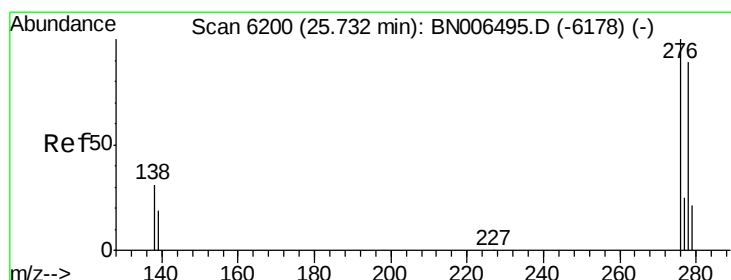
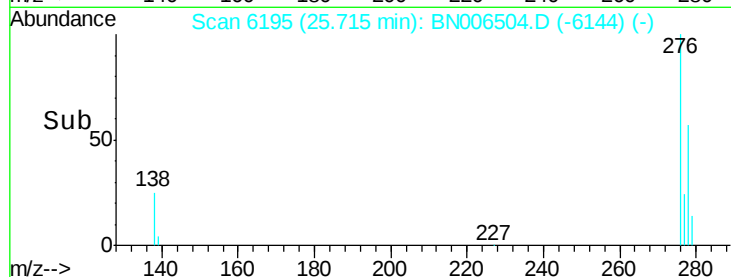
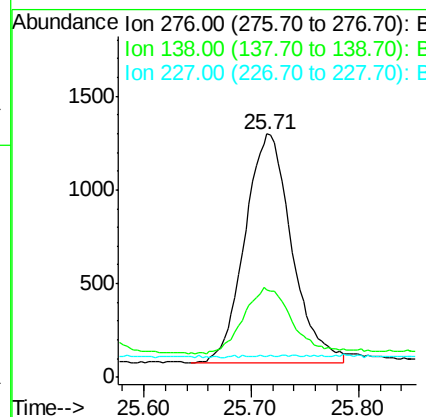
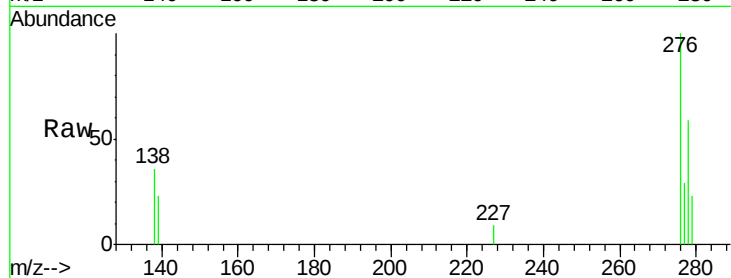
ClientSampleId :

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Tgt Ion:	276	Resp:	3733
Ion Ratio	Lower	Upper	
276	100		
138	0.0	25.6	38.4#
227	0.2	0.3	0.5#

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#25

Dibenzo(a,h)anthracene

Concen: 0.060 ng/ul m

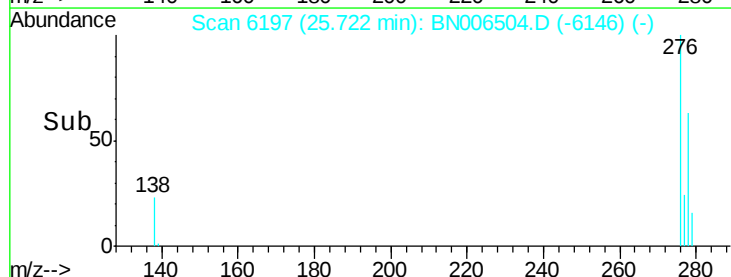
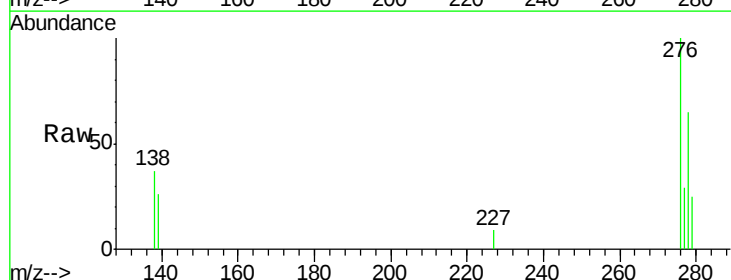
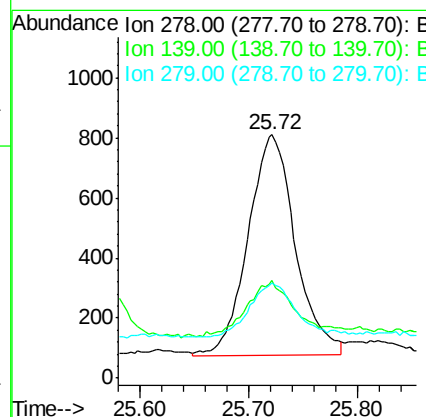
RT: 25.72 min Scan# 6197

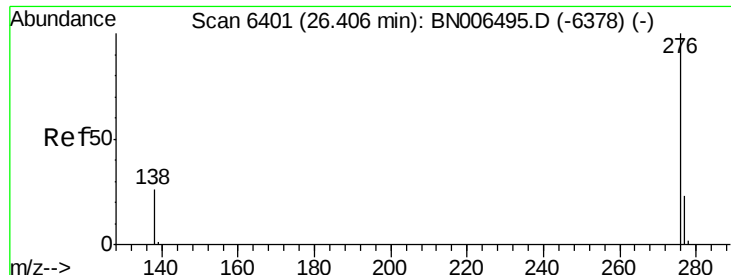
Delta R.T. -0.03 min

Lab File: BN006504.D

Acq: 22 Jun 2019 23:51

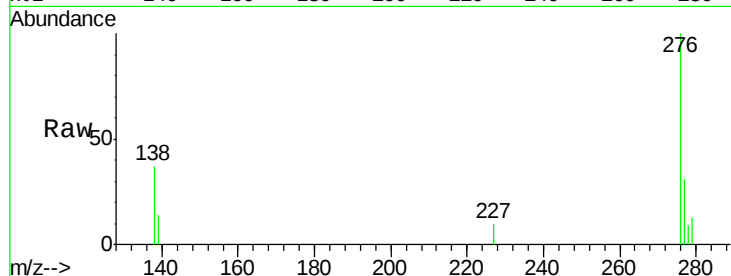
Tgt Ion:	278	Resp:	2220
Ion Ratio	Lower	Upper	
278	100		
139	40.2	21.2	31.8#
279	39.3	22.6	33.8#





#26
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul m
RT: 26.39 min Scan# 6397
Delta R.T. -0.04 min
Lab File: BN006504.D
Acq: 22 Jun 2019 23:51

Instrument :
BNA_N
ClientSampleId :
A41Z0



Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.6	24.2	36.4#
277	30.5	21.5	32.3

Manual Integrations
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