

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046416.D
 Acq On : 21 Aug 2020 16:40
 Operator : CG/JU
 Sample : L3635-18
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ4

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Quant Time: Aug 21 17:18:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	90585	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	374608	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	237326	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	510394	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	490074	20.00	ng/ul	0.01
23) Perylene-d12	24.69	264	542344	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	150708	23.36	ng/ul	0.01
7) Acenaphthylene-d8	14.26	160	573730	26.27	ng/ul	0.00
10) Fluorene-d10	15.56	176	437357	26.13	ng/ul	0.00
15) Anthracene-d10	17.41	188	615384	26.01	ng/ul	0.00
19) Pyrene-d10	19.70	212	677395	26.85	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	732803	24.76	ng/ul	0.02
Target Compounds						
8) Acenaphthylene	14.30	152	50644	2.281	ng/ul	99
14) Phenanthrene	17.36	178	358306	12.761	ng/ul	99
16) Anthracene	17.45	178	48309	1.705	ng/ul	98
17) Fluoranthene	19.37	202	850404	27.162	ng/ul	99
20) Pyrene	19.73	202	875408	27.213	ng/ul	99
21) Benzo(a)anthracene	21.55	228	437770	13.729	ng/ul	93
22) Chrysene	21.61	228	506506	16.432	ng/ul	99
24) Benzo(b)fluoranthene	23.71	252	731916	20.408	ng/ul	98
25) Benzo(k)fluoranthene	23.76	252	231998m	6.521	ng/ul	
27) Benzo(a)pyrene	24.54	252	453281	13.767	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.21	276	304656	7.390	ng/ul	99
29) Dibenzo(a,h)anthracene	28.25	278	81514m	2.439	ng/ul	
30) Benzo(a,h,i)perylene	29.31	276	257261	7.456	ng/ul	99

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

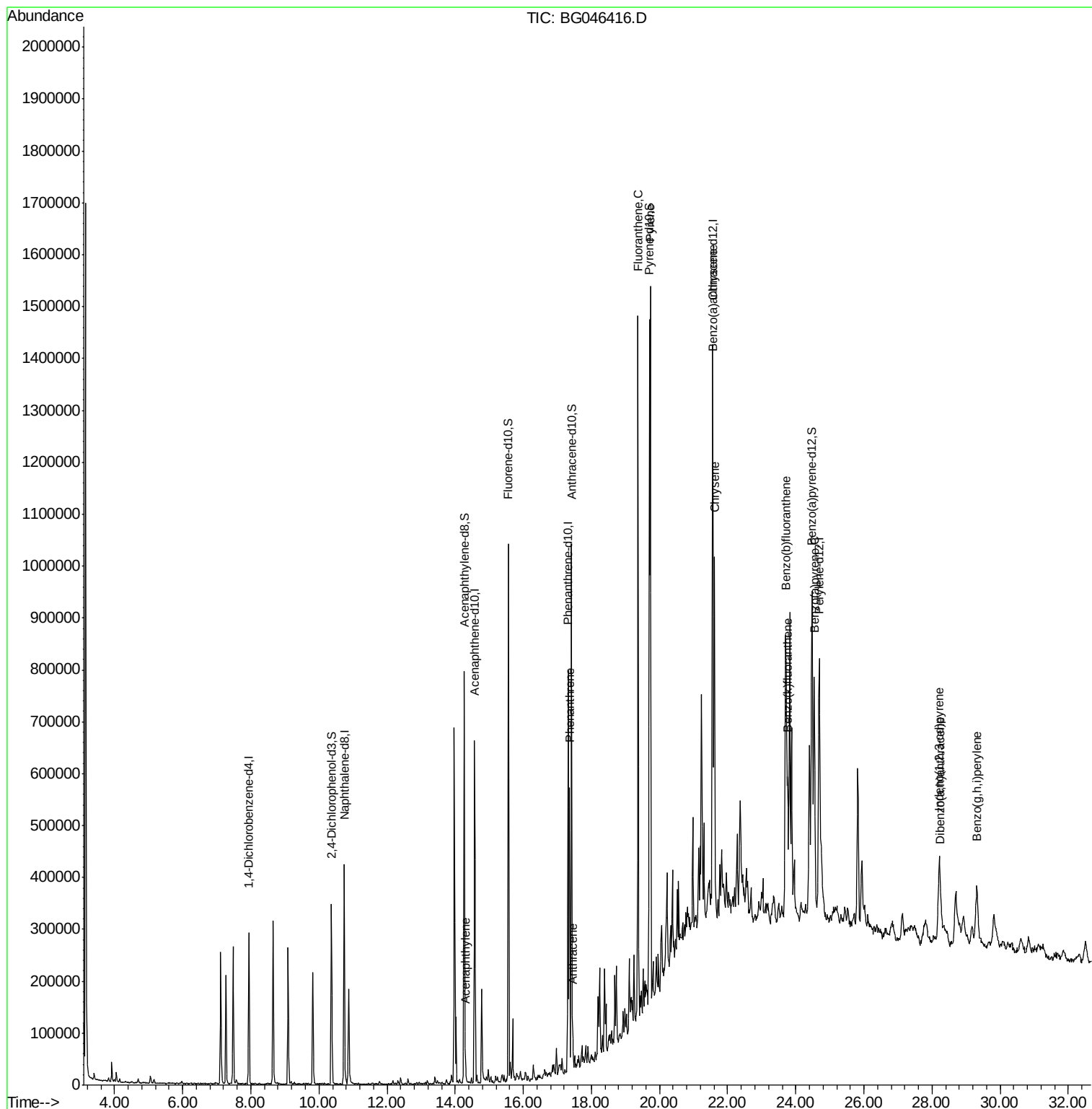
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046416.D
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Sample : L3635-18
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ALS Vial : 80 Sample Multiplier: 1

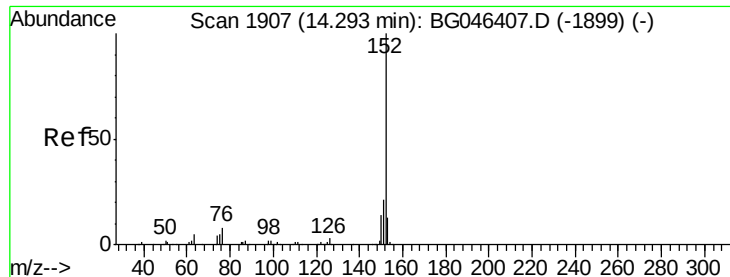
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 21 17:18:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
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#8

Acenaphthylene

Concen: 2.281 ng/ul

RT: 14.30 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BG046416.D

Acq: 21 Aug 2020 16:40

Instrument :

BNA_G

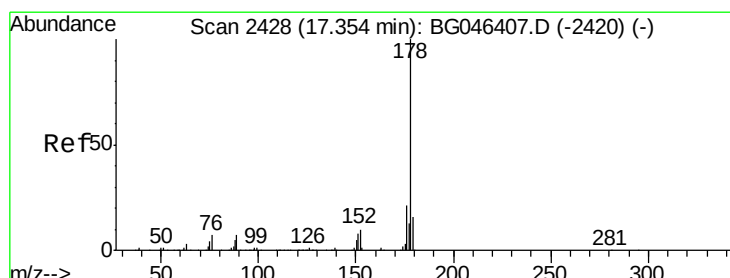
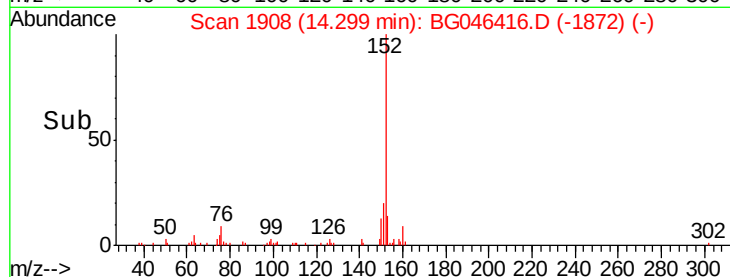
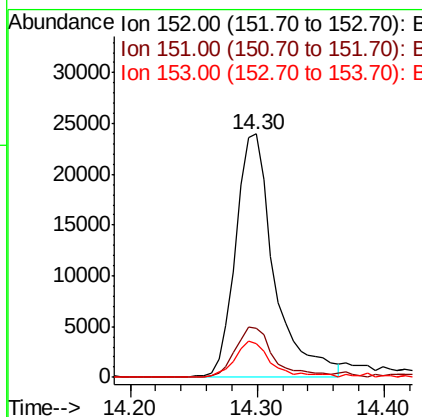
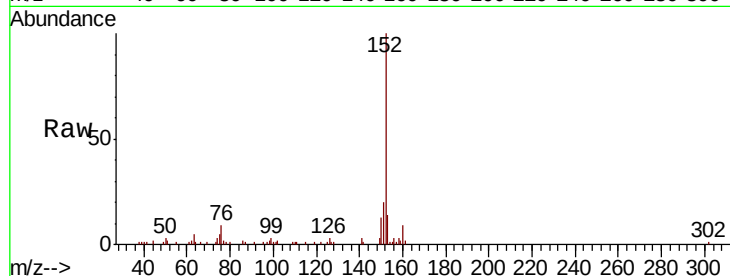
ClientSampleId :

BFMJ4

Tot Ion:	152	Resp:	50644
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.5	24.7
153	13.8	11.0	16.6

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#14

Phenanthrene

Concen: 12.761 ng/ul

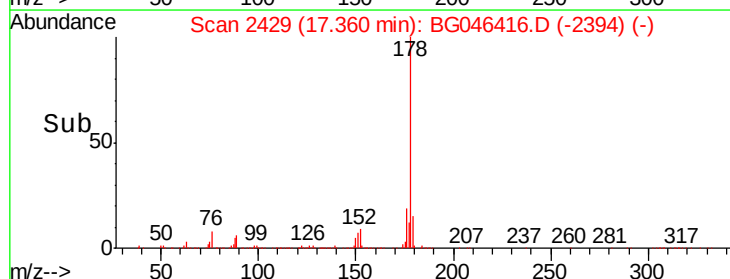
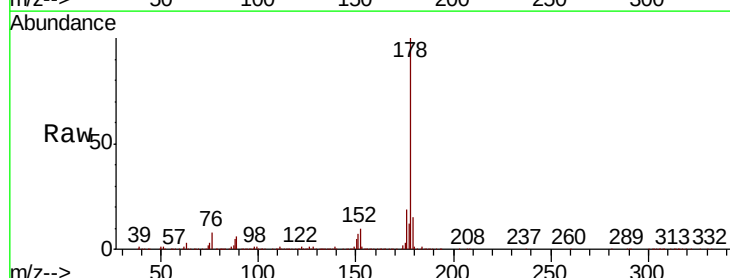
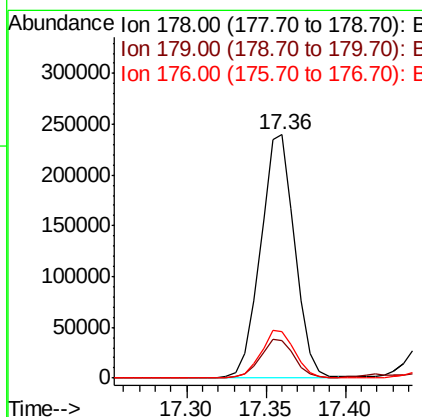
RT: 17.36 min Scan# 2429

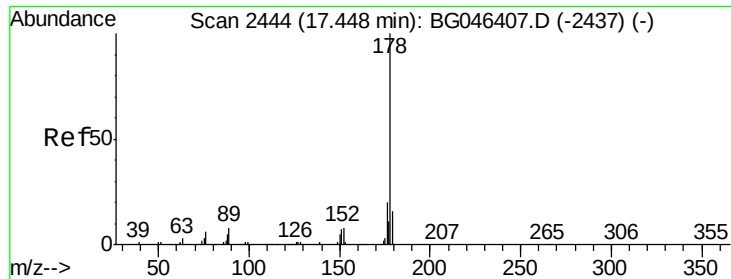
Delta R.T. 0.01 min

Lab File: BG046416.D

Acq: 21 Aug 2020 16:40

Tgt Ion:	178	Resp:	358306
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	19.1	15.8	23.8





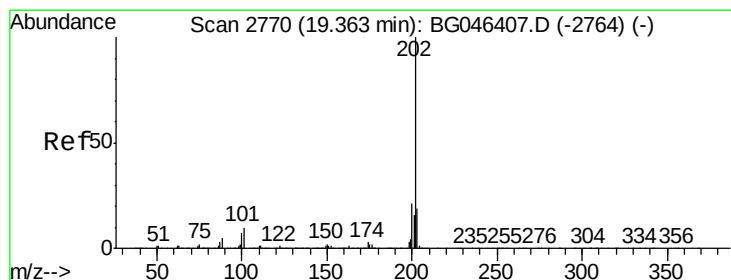
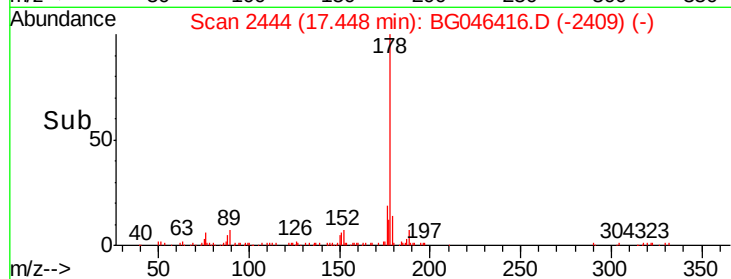
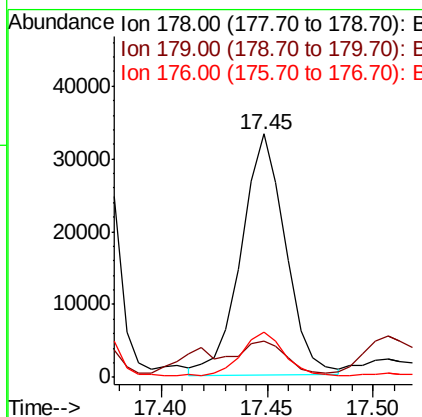
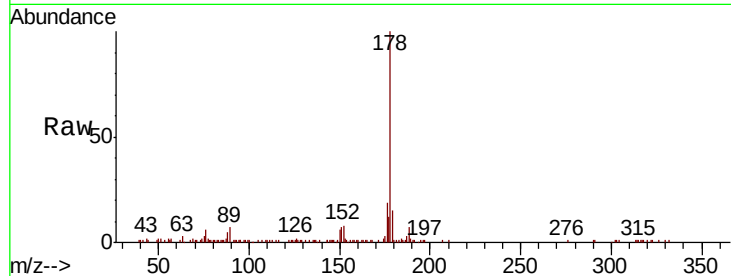
#16
 Anthracene
 Concen: 1.705 ng/ul
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG046416.D
 Acq: 21 Aug 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ4

Tot Ion:178	Resp:	48309
Ion Ratio	Lower	Upper
178	100	
179	14.7	13.2 19.8
176	18.6	15.2 22.8

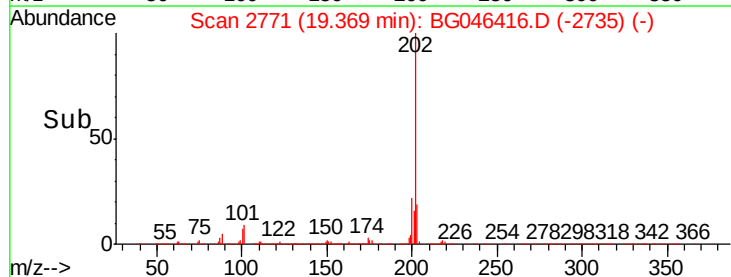
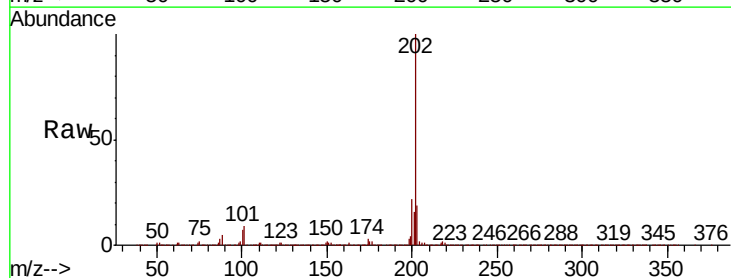
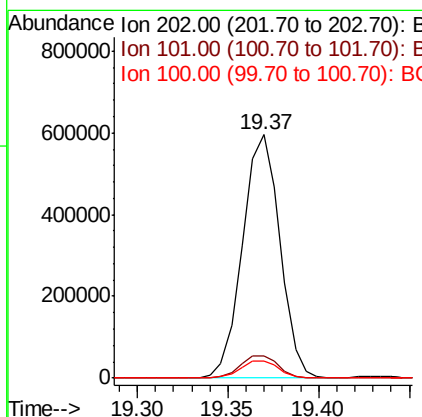
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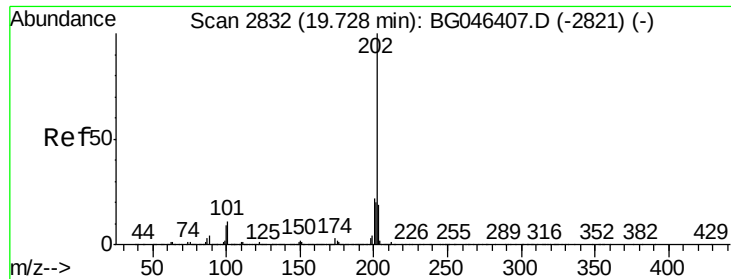
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#17
 Fluoranthene
 Concen: 27.162 ng/ul
 RT: 19.37 min Scan# 2771
 Delta R.T. 0.01 min
 Lab File: BG046416.D
 Acq: 21 Aug 2020 16:40

Tgt Ion:202	Resp:	850404
Ion Ratio	Lower	Upper
202	100	
101	9.1	7.8 11.6
100	7.1	5.9 8.9





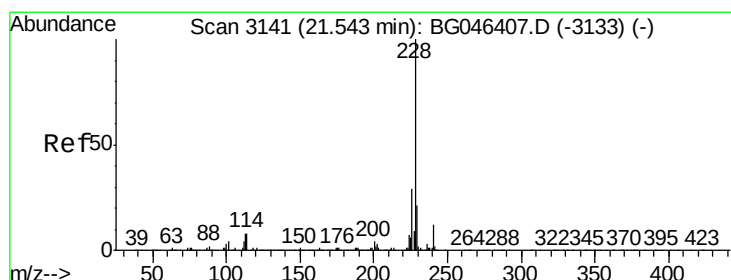
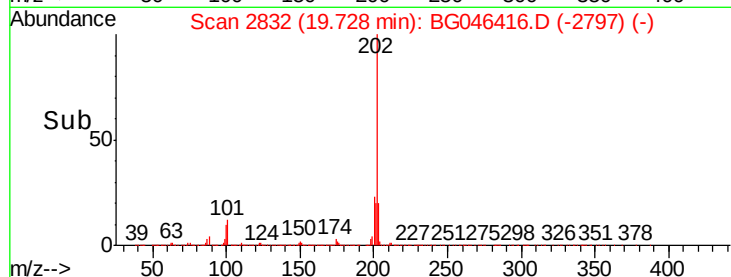
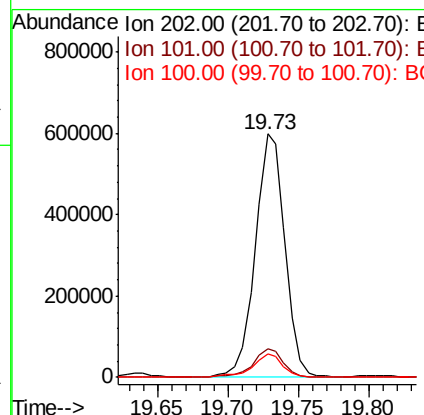
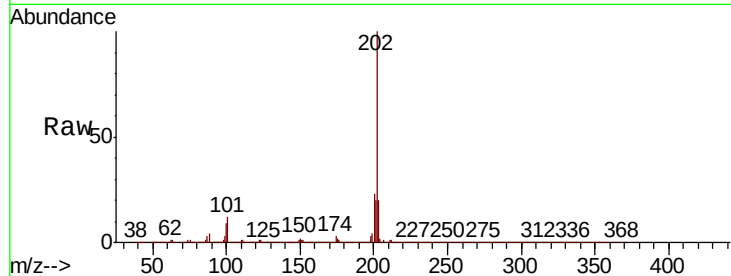
#20
Pvrene
Concen: 27.213 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046416.D
Acq: 21 Aug 2020 16:40

Instrument :
BNA_G
ClientSampleId :
BFMJ4

Tot Ion	Ratio	Resp	Lower	Upper
202	100	875408		
101	11.6	8.9	13.3	
100	9.4	7.9	11.9	

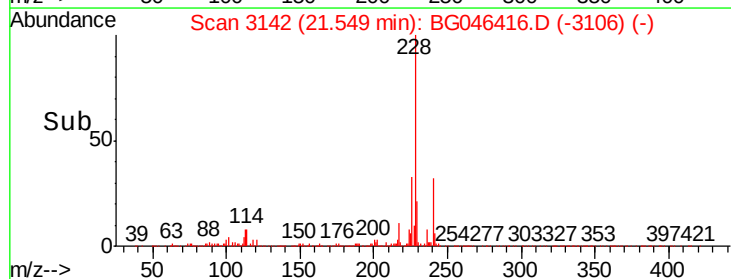
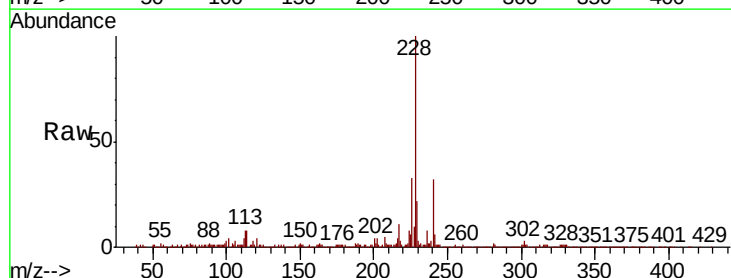
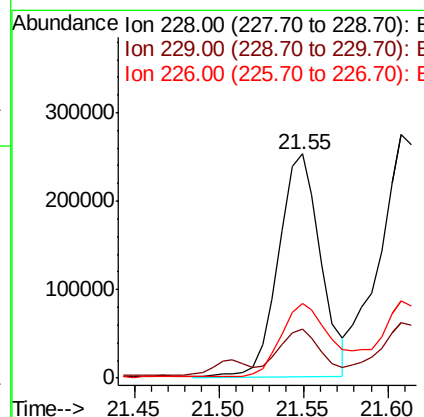
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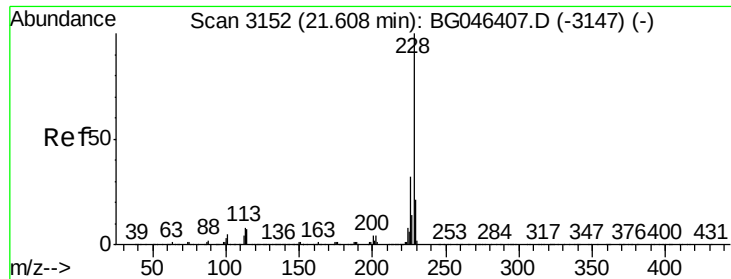
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#21
Benzo(a)anthracene
Concen: 13.729 ng/ul
RT: 21.55 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG046416.D
Acq: 21 Aug 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	437770		
229	21.8	16.6	25.0	
226	33.3	22.6	33.8	





#22

Chrysene

Concen: 16.432 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG046416.D

Acq: 21 Aug 2020 16:40

Instrument :

BNA_G

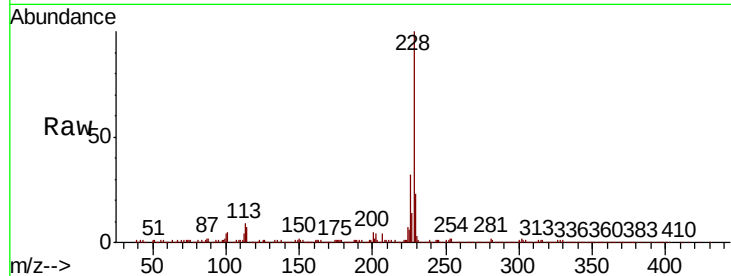
ClientSampled :

BFMJ4

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	22.8	17.0	25.4

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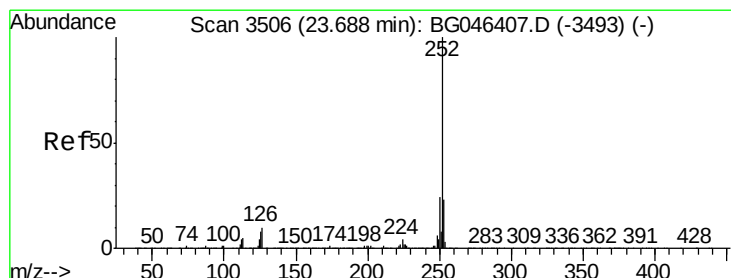
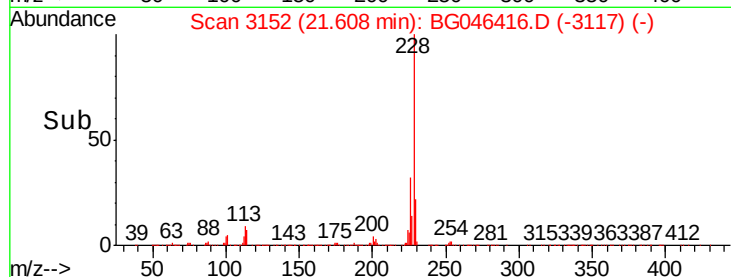
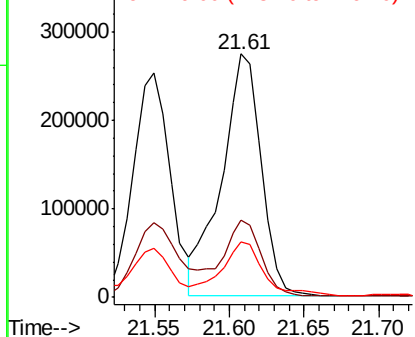


Abundance

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



#24

Benzo(b)fluoranthene

Concen: 20.408 ng/ul

RT: 23.71 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BG046416.D

Acq: 21 Aug 2020 16:40

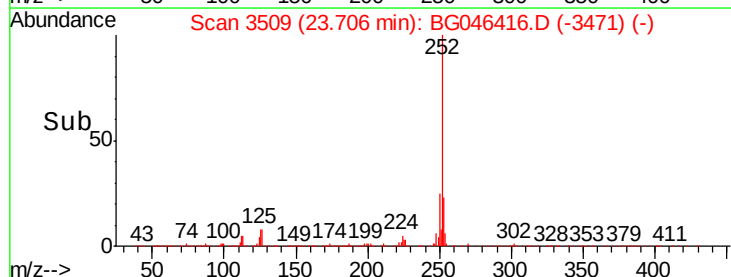
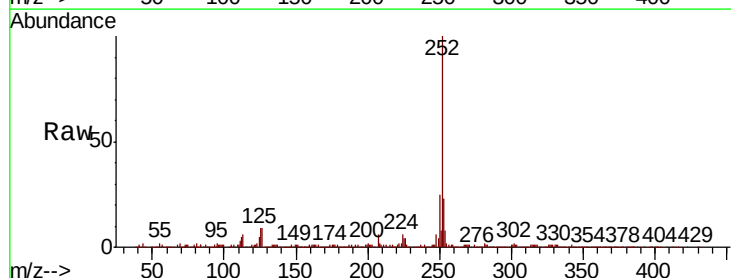
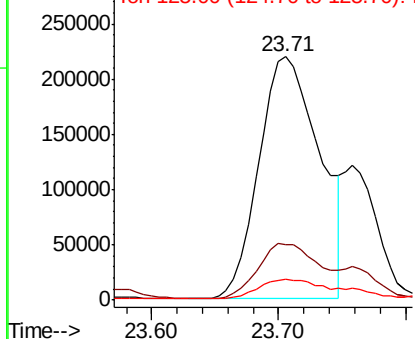
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	8.8	6.4	9.6

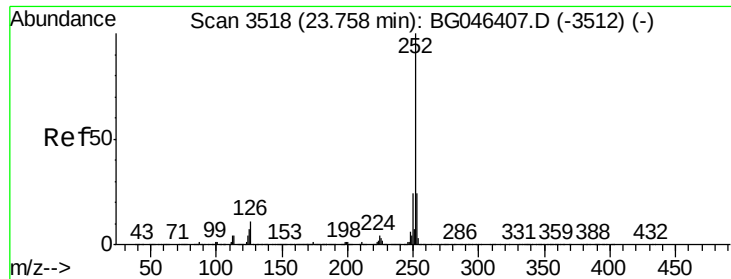
Abundance

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





#25

Benzo(k)fluoranthene

Concen: 6.521 ng/ul m

RT: 23.76 min Scan# 3518

Delta R.T. 0.01 min

Lab File: BG046416.D

Acq: 21 Aug 2020 16:40

Instrument :

BNA_G

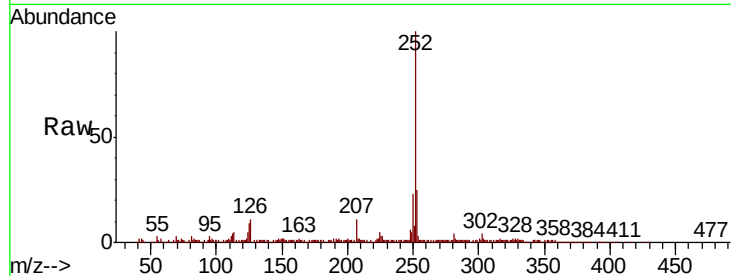
ClientSampled :

BFMJ4

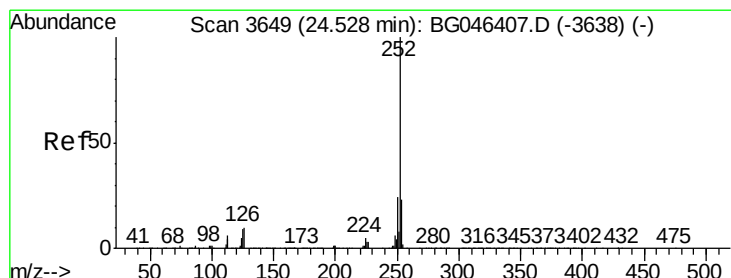
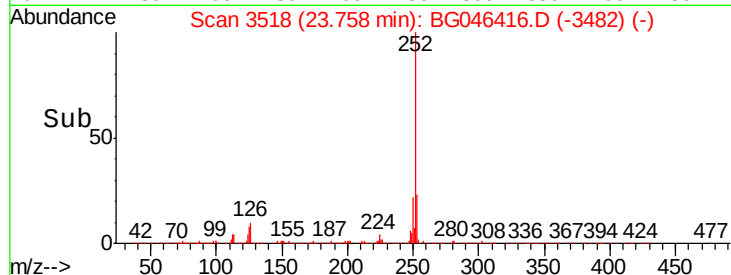
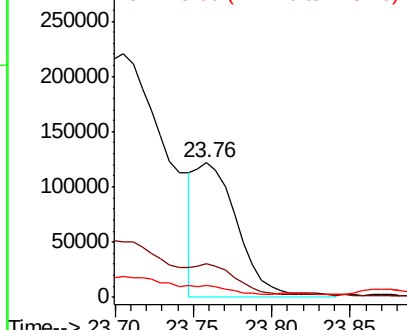
Tot Ion:	252	Resp:	231998
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.5	27.7
125	8.6	6.2	9.2

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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



#27

Benzo(a)pyrene

Concen: 13.767 ng/ul

RT: 24.54 min Scan# 3651

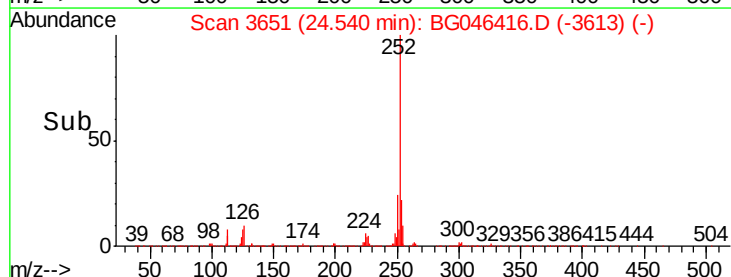
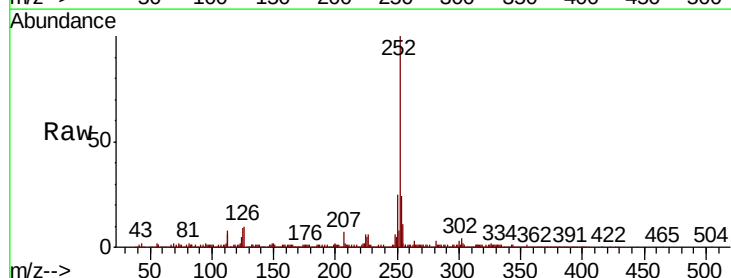
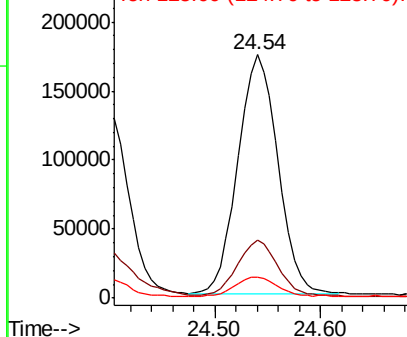
Delta R.T. 0.02 min

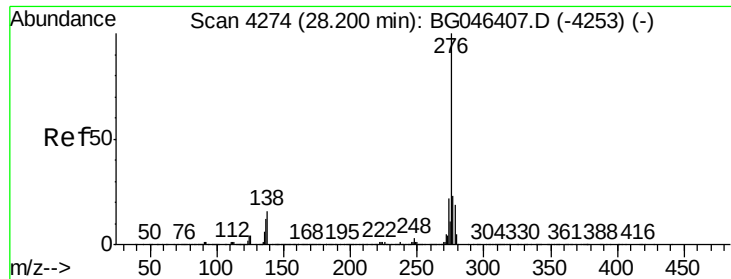
Lab File: BG046416.D

Acq: 21 Aug 2020 16:40

Tgt Ion:	252	Resp:	453281
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	8.5	7.1	10.7

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





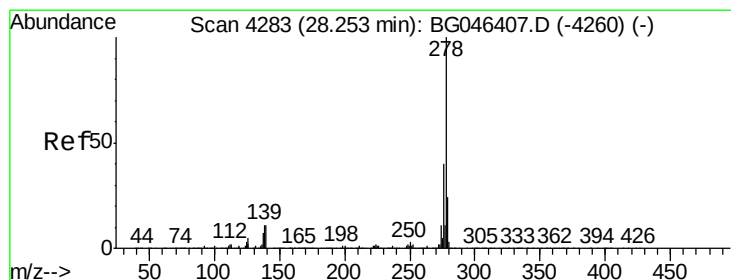
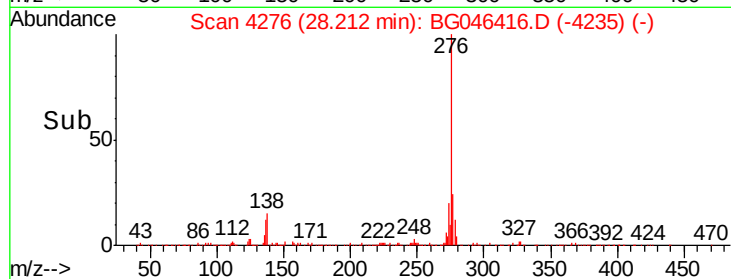
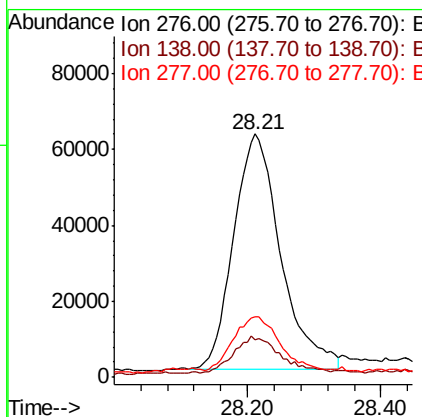
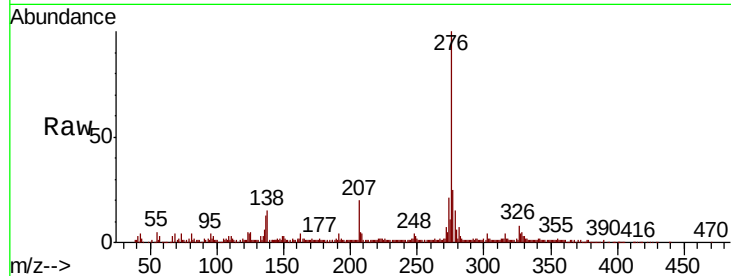
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 7.390 ng/ul
 RT: 28.21 min Scan# 4276
 Delta R.T. 0.04 min
 Lab File: BG046416.D
 Acq: 21 Aug 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.2	19.8
277	25.0	19.9	29.9

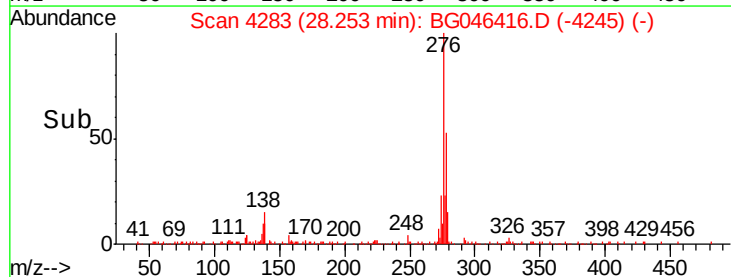
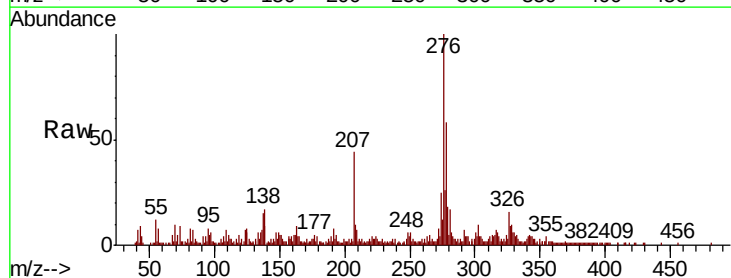
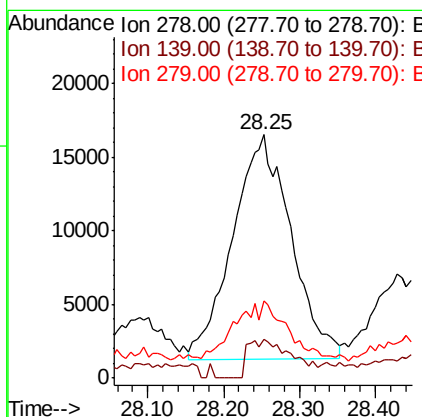
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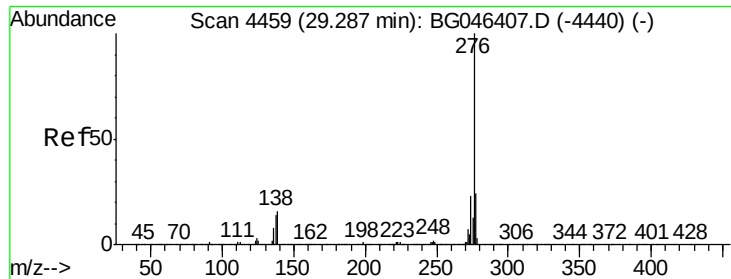
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#29
 Dibenzo(a,h)anthracene
 Concen: 2.439 ng/ul m
 RT: 28.25 min Scan# 4283
 Delta R.T. 0.02 min
 Lab File: BG046416.D
 Acq: 21 Aug 2020 16:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	9.8	14.8#
279	31.9	19.7	29.5#





#30
 Benzo(a,h,i)perylene
 Concen: 7.456 ng/ul
 RT: 29.31 min Scan# 4463
 Delta R.T. 0.04 min
 Lab File: BG046416.D
 Acq: 21 Aug 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ4

Tot Ion:	276	Resp:	257261
Ion Ratio	Lower	Upper	
276	100		
138	15.4	12.9	19.3
277	24.2	19.4	29.0

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