

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046346.D
 Acq On : 19 Aug 2020 14:05
 Operator : CG/JU
 Sample : L3633-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME8

Manual Integrations
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Quant Time: Aug 19 15:53:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 11:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	81464	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	343032	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	229806	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	515759	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	490648	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	522862	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	230360	39.00	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	841966	39.81	ng/ul	0.00
10) Fluorene-d10	15.56	176	643183	39.69	ng/ul	0.00
15) Anthracene-d10	17.41	188	922424	38.58	ng/ul	0.00
19) Pyrene-d10	19.69	212	1022341	40.48	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	1133099	39.71	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	39283	1.827	ng/ul	97
14) Phenanthrene	17.35	178	375496	13.234	ng/ul	98
16) Anthracene	17.44	178	53047	1.853	ng/ul	98
17) Fluoranthene	19.36	202	883821	27.935	ng/ul	99
20) Pyrene	19.72	202	877275	27.239	ng/ul	99
21) Benzo(a)anthracene	21.54	228	466697	14.619	ng/ul	94
22) Chrysene	21.60	228	506817	16.423	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	694982	20.100	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	248665m	7.250	ng/ul	
27) Benzo(a)pyrene	24.52	252	470686	14.828	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	346283	8.712	ng/ul	96
29) Dibenzo(a,h)anthracene	28.21	278	96056m	2.981	ng/ul	
30) Benzo(a,h,i)perylene	29.27	276	275263	8.275	ng/ul	98

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

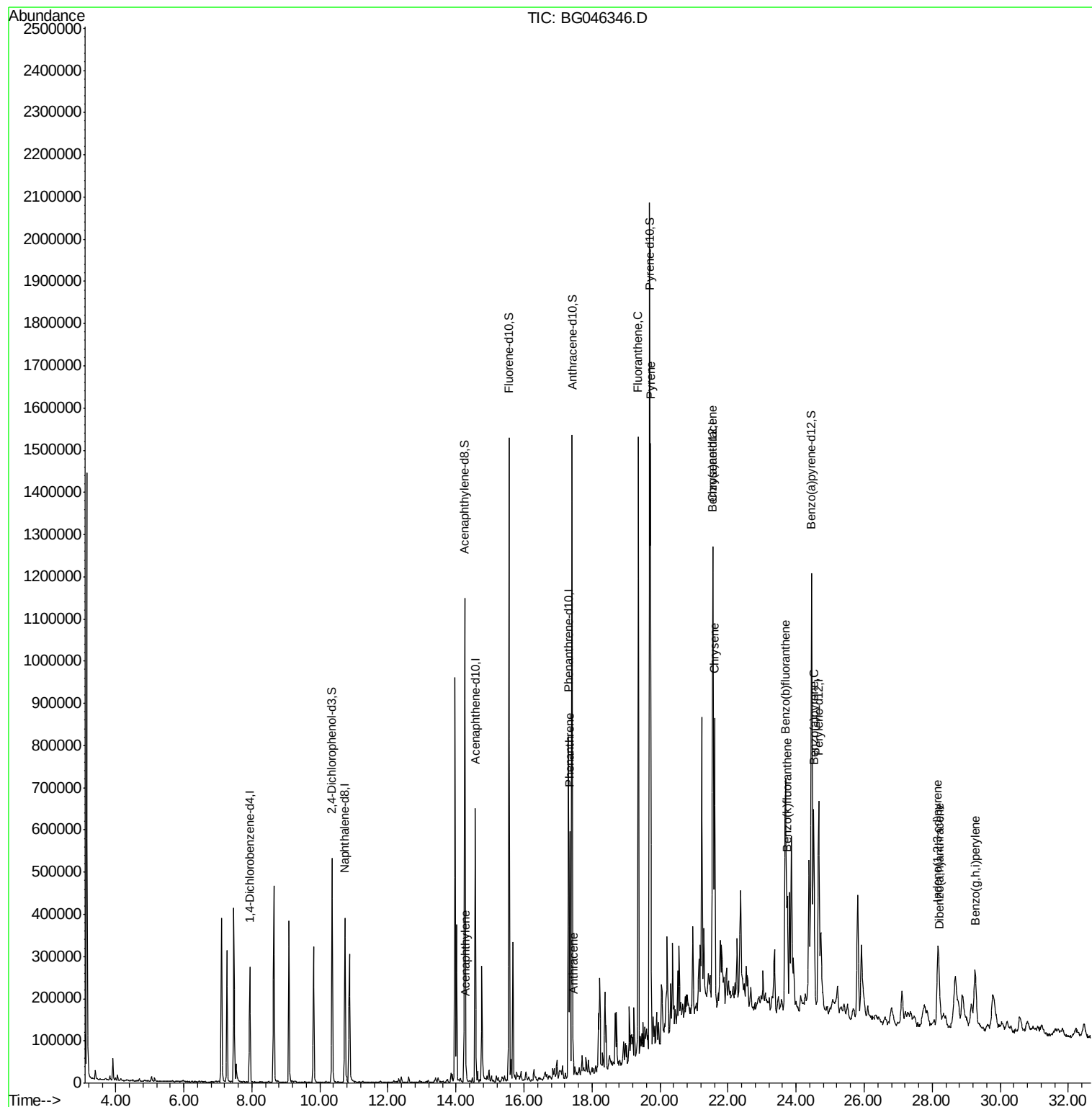
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046346.D
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Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

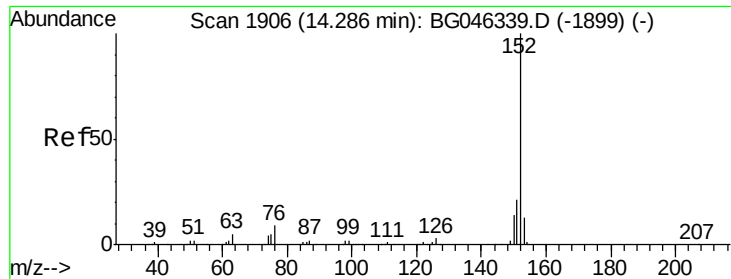
Instrument :
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Quant Time: Aug 19 15:53:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 11:06:56 2020
Response via : Initial Calibration

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#8

Acenaphthylene

Concen: 1.827 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046346.D

Acq: 19 Aug 2020 14:05

Instrument :

BNA_G

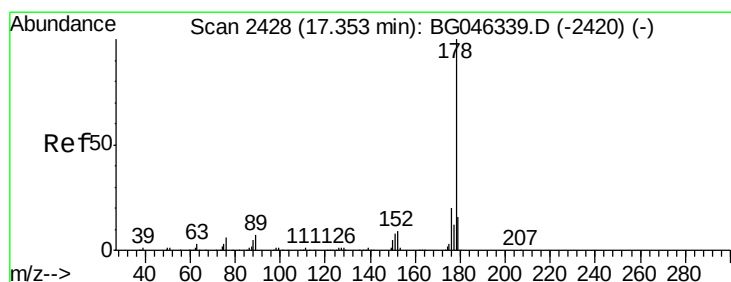
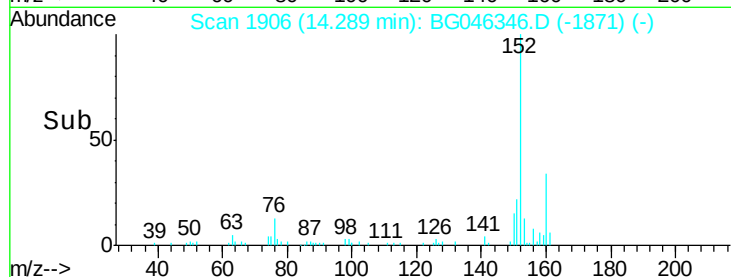
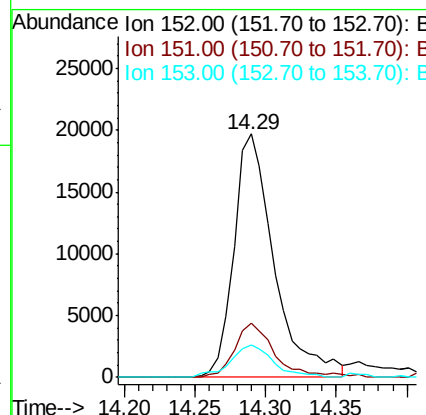
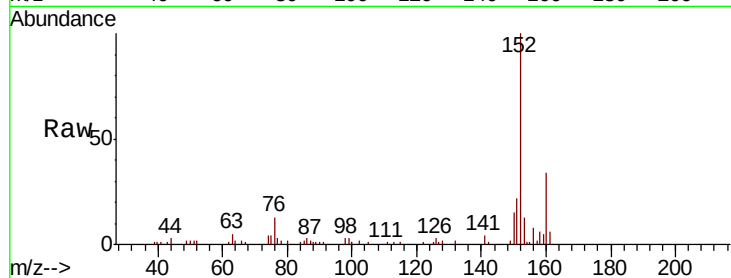
ClientSampled :

BFME8

Tot Ion:	152	Resp:	39283
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.5	24.7
153	13.1	11.0	16.6

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#14

Phenanthrene

Concen: 13.234 ng/ul

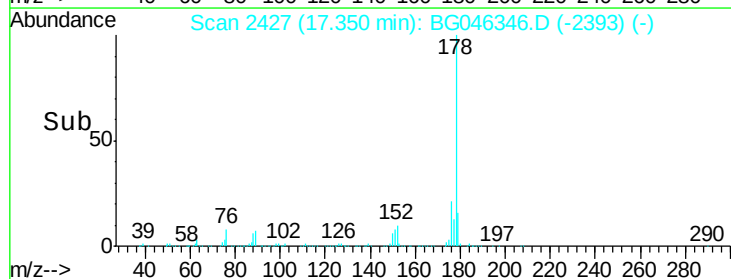
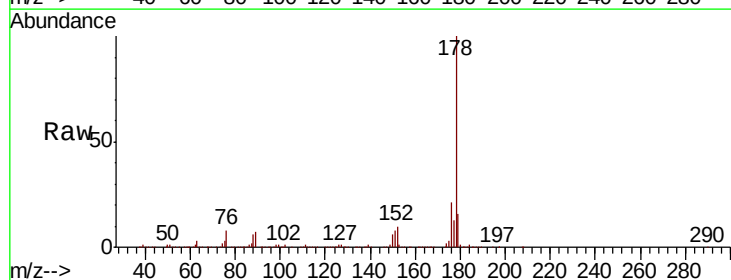
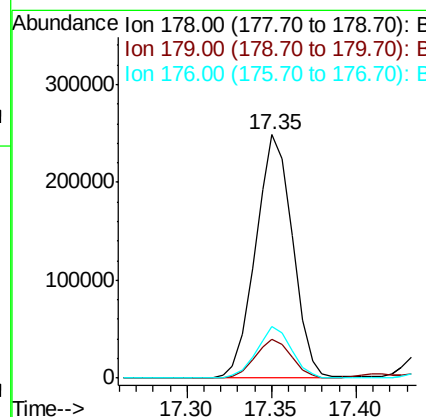
RT: 17.35 min Scan# 2427

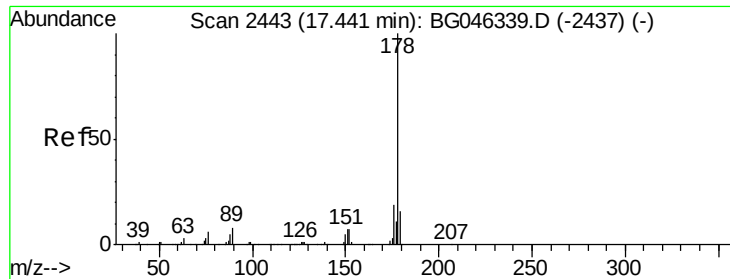
Delta R.T. -0.00 min

Lab File: BG046346.D

Acq: 19 Aug 2020 14:05

Tgt Ion:	178	Resp:	375496
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	21.4	15.8	23.8





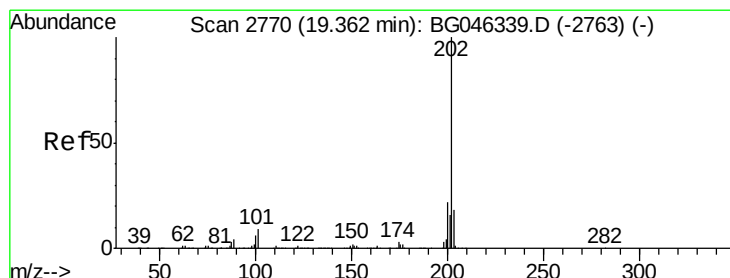
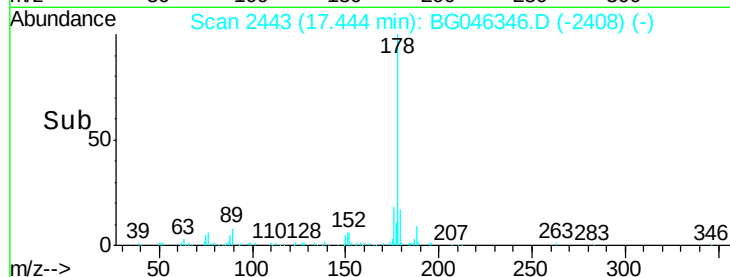
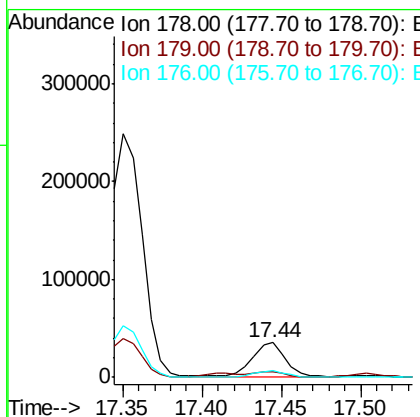
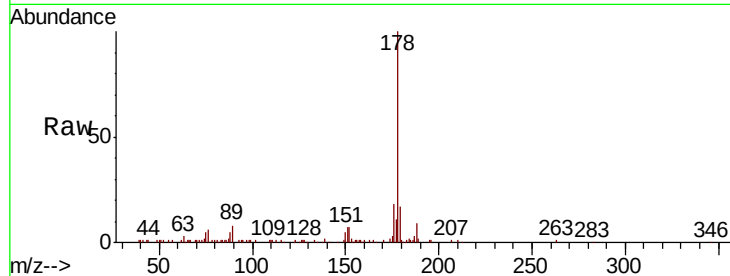
#16
 Anthracene
 Concen: 1.853 ng/ul
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG046346.D
 Acq: 19 Aug 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.2	19.8
176	18.1	15.2	22.8

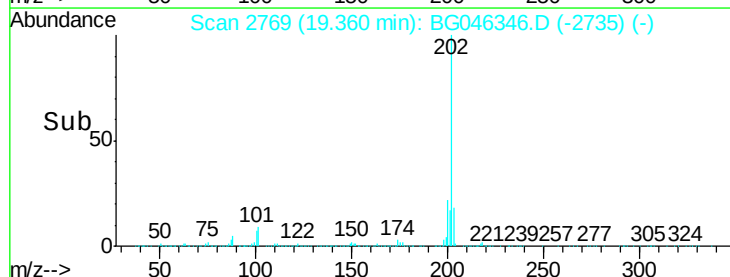
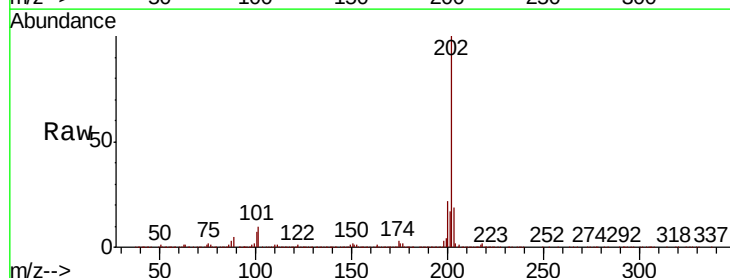
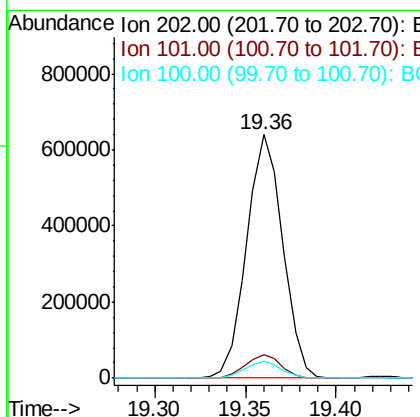
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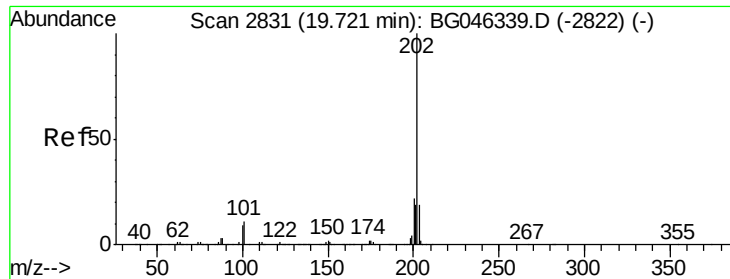
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#17
 Fluoranthene
 Concen: 27.935 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046346.D
 Acq: 19 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	7.1	5.9	8.9





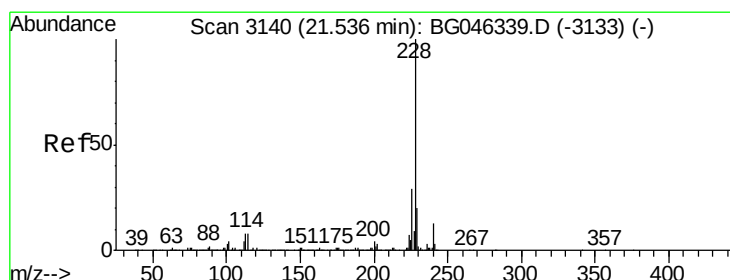
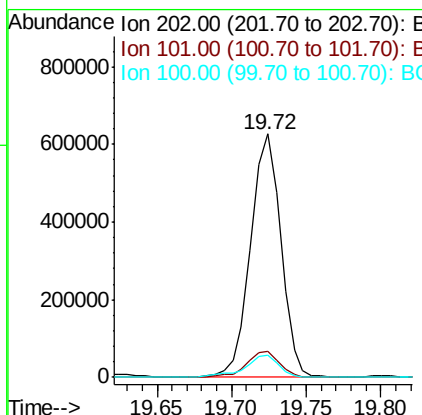
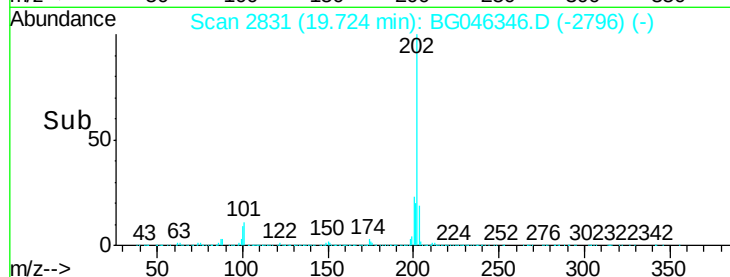
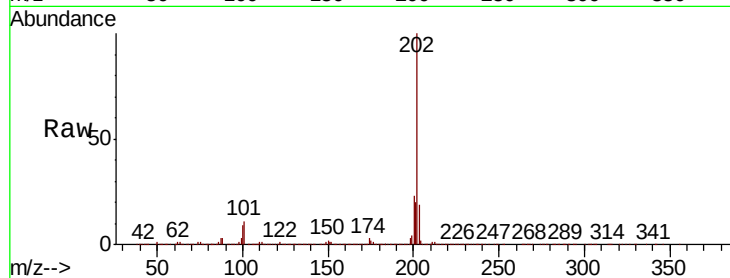
#20
Pvrene
Concen: 27.239 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046346.D
Acq: 19 Aug 2020 14:05

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	8.9	13.3
100	9.1	7.9	11.9

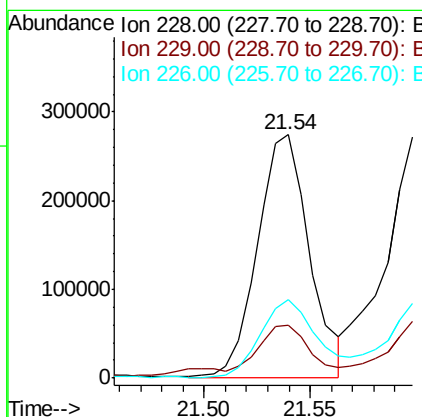
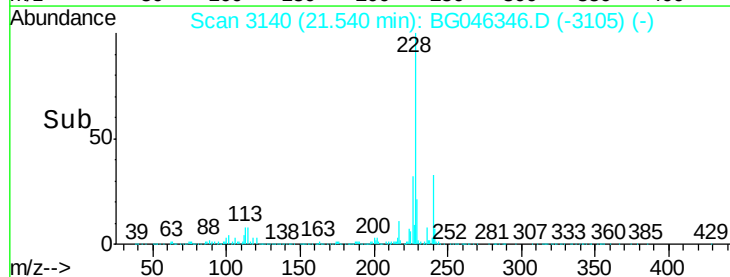
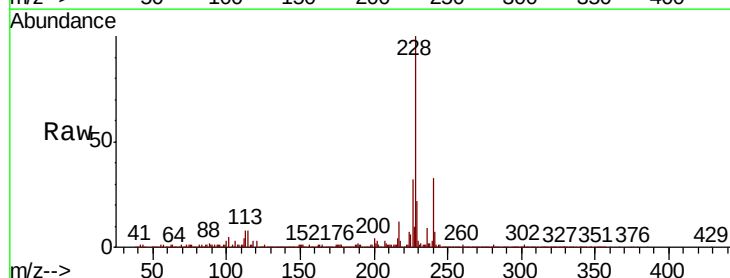
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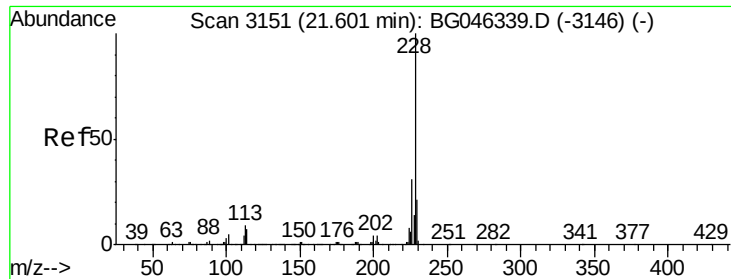
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#21
Benzo(a)anthracene
Concen: 14.619 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046346.D
Acq: 19 Aug 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	16.6	25.0
226	32.4	22.6	33.8





#22

Chrysene

Concen: 16.423 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046346.D

Acq: 19 Aug 2020 14:05

Instrument :

BNA_G

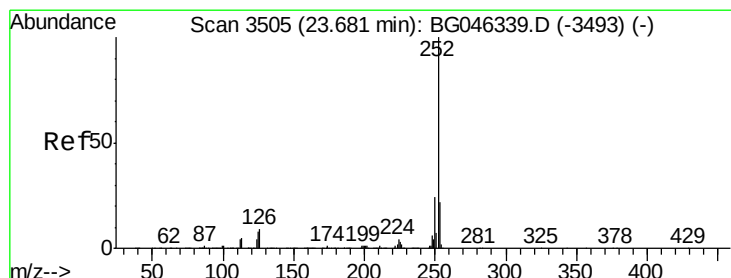
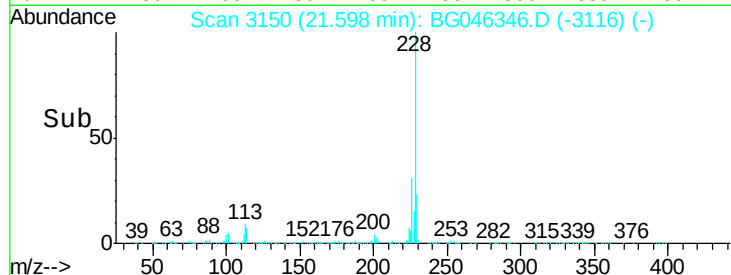
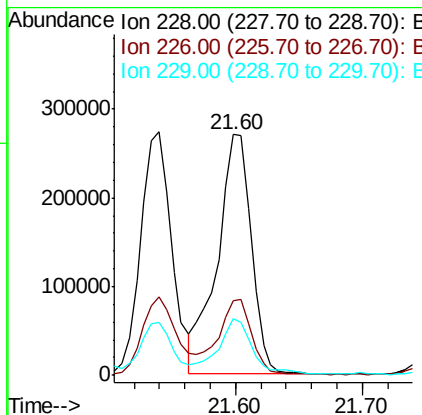
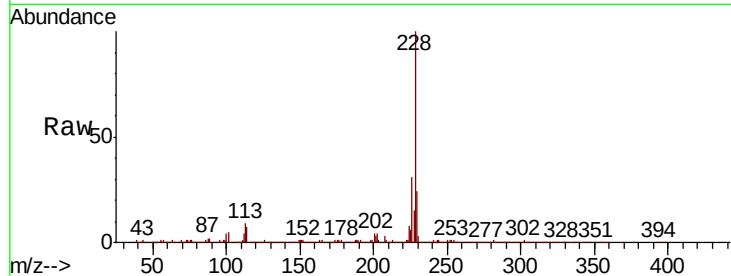
ClientSampled :

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Tot Ion:	228	Resp:	506817
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.5	38.3
229	23.5	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 20.100 ng/ul

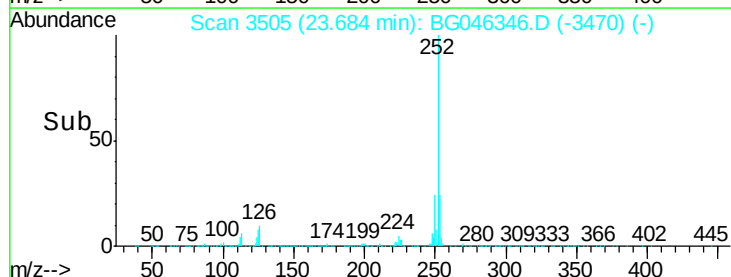
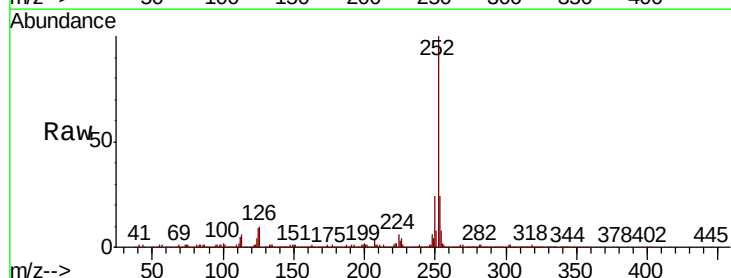
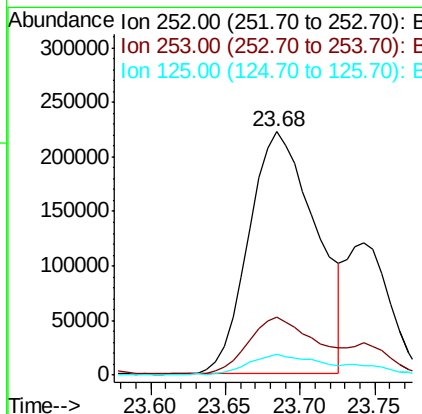
RT: 23.68 min Scan# 3505

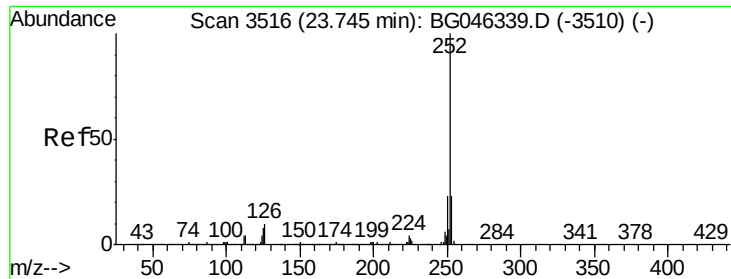
Delta R.T. 0.00 min

Lab File: BG046346.D

Acq: 19 Aug 2020 14:05

Tgt Ion:	252	Resp:	694982
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	8.5	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 7.250 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.00 min

Lab File: BG046346.D

Acq: 19 Aug 2020 14:05

Instrument :

BNA_G

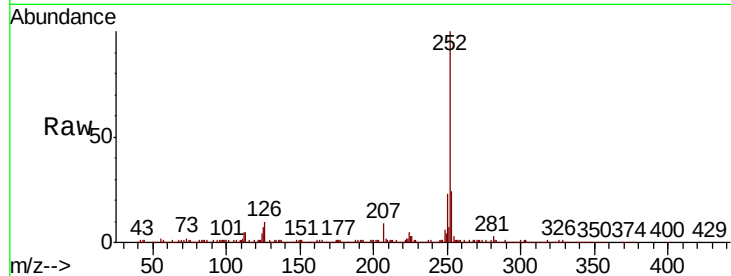
ClientSampled :

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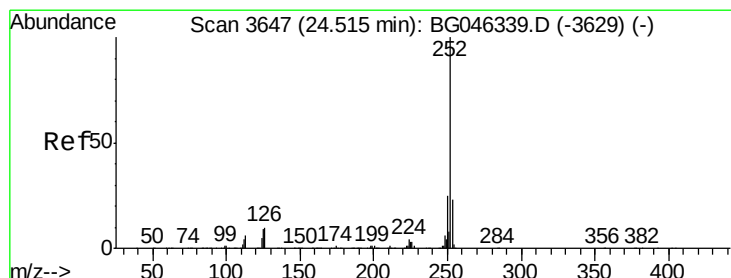
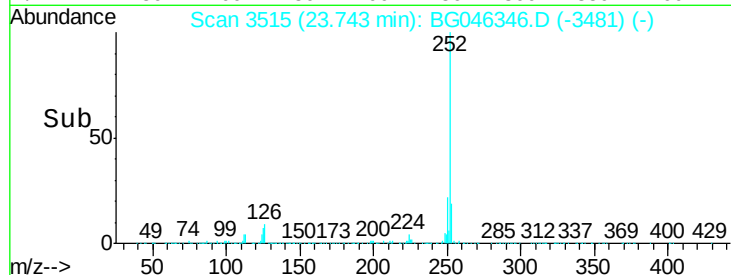
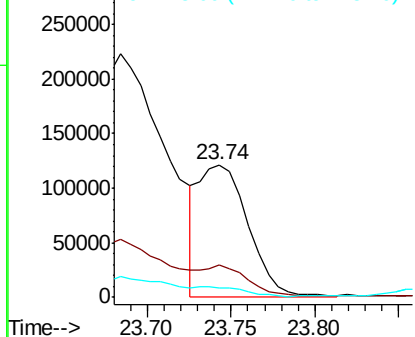
Tot Ion:	252	Resp:	248665
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.5	27.7
125	7.4	6.2	9.2

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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: 14.828 ng/ul

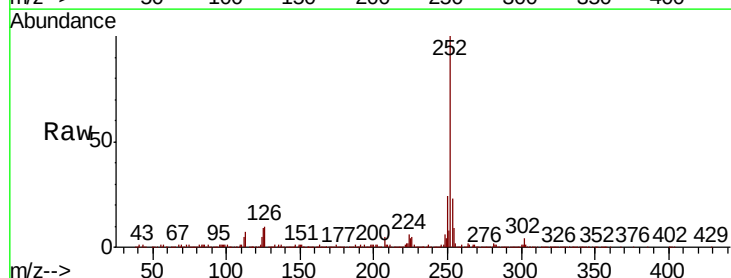
RT: 24.52 min Scan# 3647

Delta R.T. 0.00 min

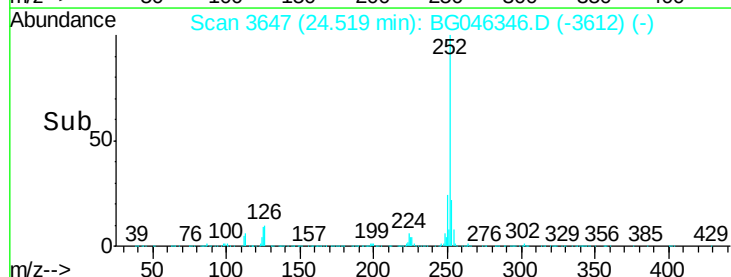
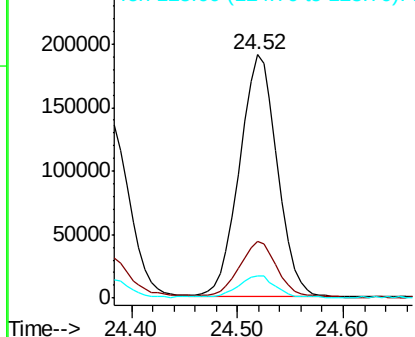
Lab File: BG046346.D

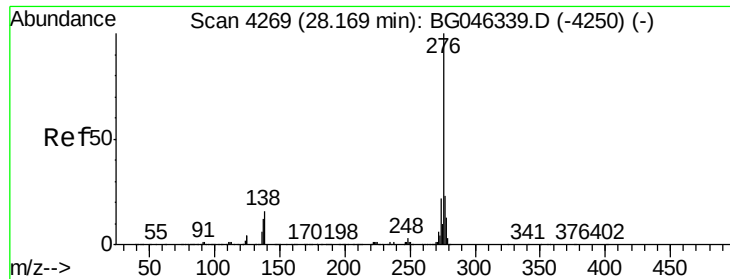
Acq: 19 Aug 2020 14:05

Tgt Ion:	252	Resp:	470686
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	9.0	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





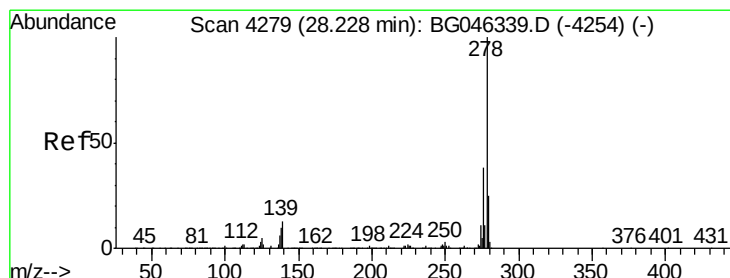
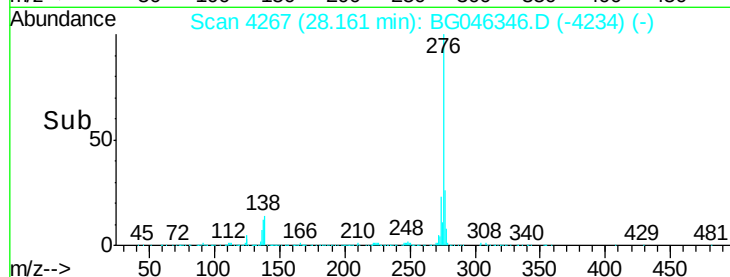
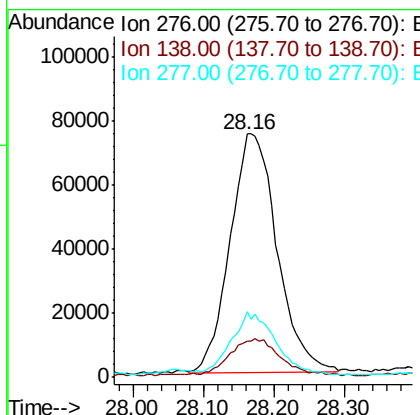
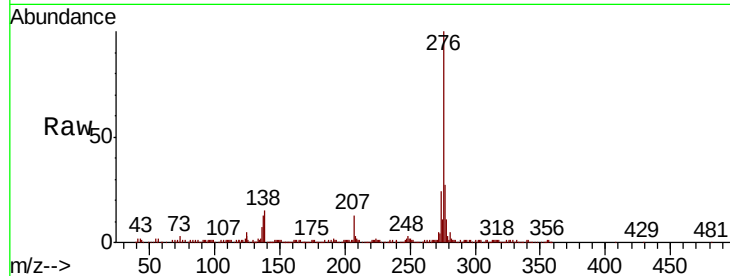
#28
Indeno(1,2,3-cd)pyrene
Concen: 8.712 ng/ul
RT: 28.16 min Scan# 4267
Delta R.T. -0.01 min
Lab File: BG046346.D
Acq: 19 Aug 2020 14:05

Instrument :
BNA_G
ClientSampleId :
BFME8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.2	19.8
277	26.9	19.9	29.9

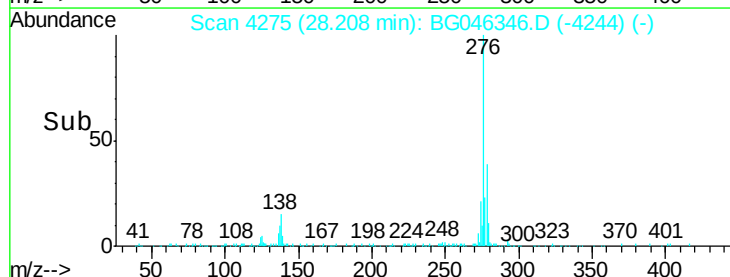
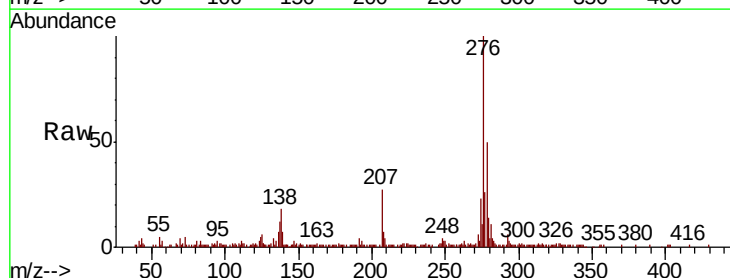
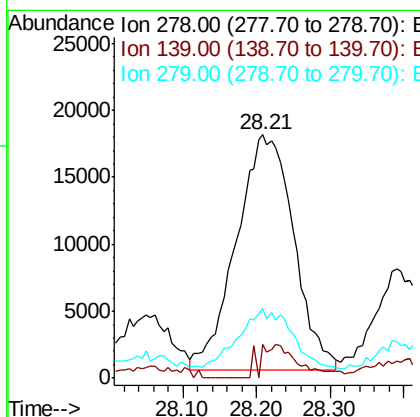
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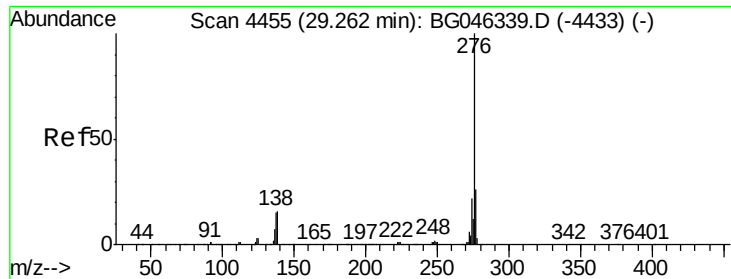
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#29
Dibenzo(a,h)anthracene
Concen: 2.981 ng/ul m
RT: 28.21 min Scan# 4275
Delta R.T. -0.02 min
Lab File: BG046346.D
Acq: 19 Aug 2020 14:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.8	14.8
279	28.4	19.7	29.5





#30
 Benzo(a,h,i)perylene
 Concen: 8.275 ng/ul
 RT: 29.27 min Scan# 4455
 Delta R.T. 0.00 min
 Lab File: BG046346.D
 Acq: 19 Aug 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 BFME8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	16.7	12.9	19.3		
277	25.6	19.4	29.0		

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