

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026317.D
 Acq On : 18 Mar 2017 14:17
 Operator : SJ/MA
 Sample : I2283-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB387

Manual Integrations
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Quant Time: Mar 20 04:02:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	165198	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	772188	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	419900	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	827816	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	838947	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	784083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	163966	14.34	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	992866	27.73	ng/ul	0.00
10) Fluorene-d10	15.64	176	681346	26.09	ng/ul	0.00
15) Anthracene-d10	17.49	188	925103	25.15	ng/ul	0.00
19) Pyrene-d10	19.77	212	959786	22.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	882703	26.10	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	47429	1.26	ng/ul	99
14) Phenanthrene	17.44	178	421791	9.61	ng/ul	99
16) Anthracene	17.52	178	79887	1.80	ng/ul	98
17) Fluoranthene	19.43	202	875299	19.22	ng/ul	99
20) Pyrene	19.80	202	745926	13.97	ng/ul	98
21) Benzo(a)anthracene	21.62	228	456069	9.77	ng/ul	98
22) Chrysene	21.68	228	424794	9.75	ng/ul	100
24) Benzo(b)fluoranthene	23.82	252	585681	13.16	ng/ul	99
25) Benzo(k)fluoranthene	23.87	252	242360m	5.70	ng/ul	
27) Benzo(a)pyrene	24.67	252	381501	9.22	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.46	276	207176	4.54	ng/ul	97
29) Dibenzo(a,h)anthracene	28.50	278	61364m	1.69	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	153910	3.94	ng/ul	95

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

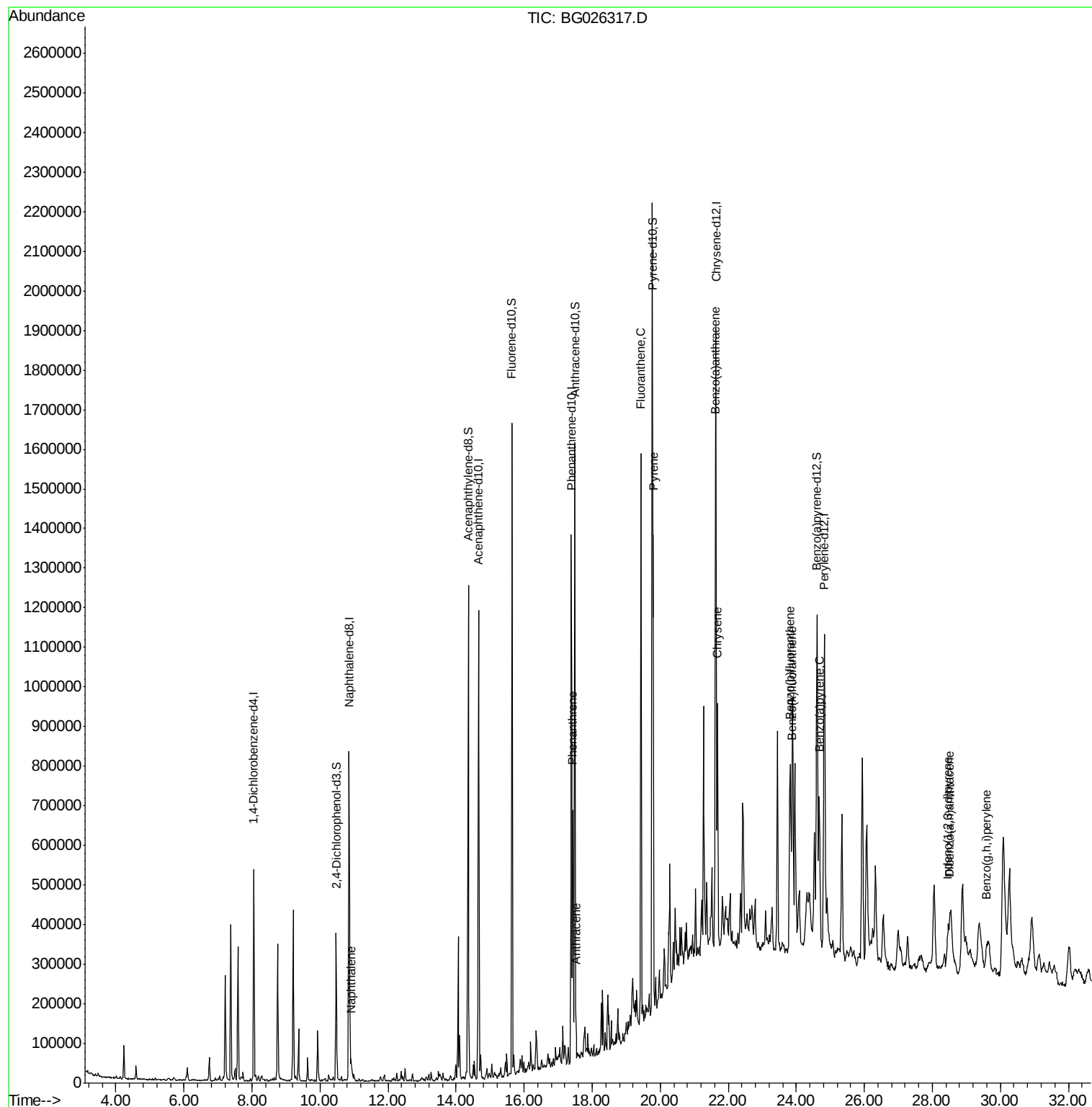
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
Data File : BG026317.D
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ALS Vial : 40 Sample Multiplier: 1

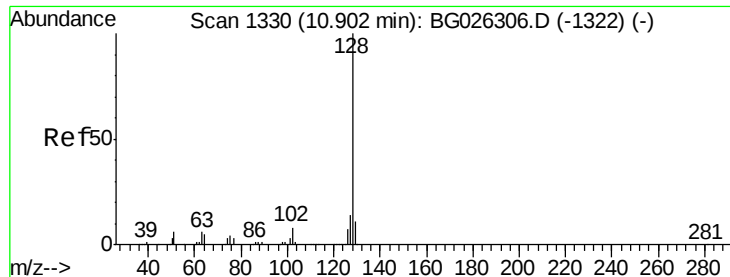
Instrument :
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Quant Time: Mar 20 04:02:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 03:22:51 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.26 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

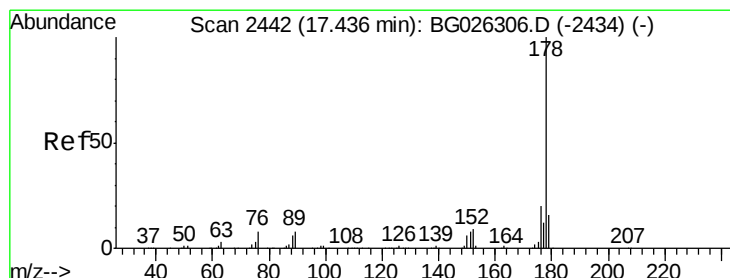
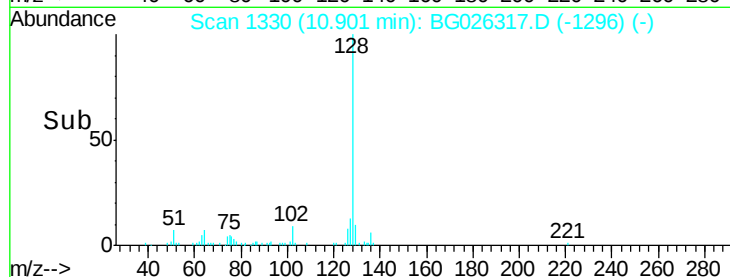
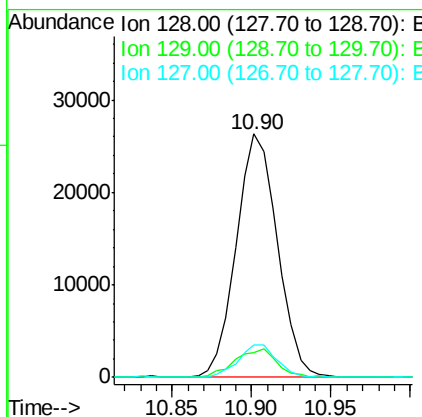
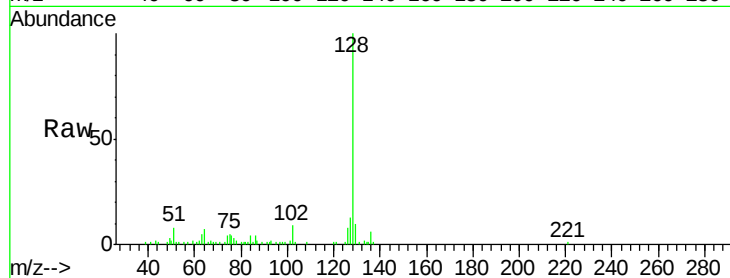
ClientSampleId :

CB387

Tgt Ion:	128	Resp:	47429
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.1	13.7
127	13.1	10.6	15.8

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#14

Phenanthrene

Concen: 9.61 ng/ul

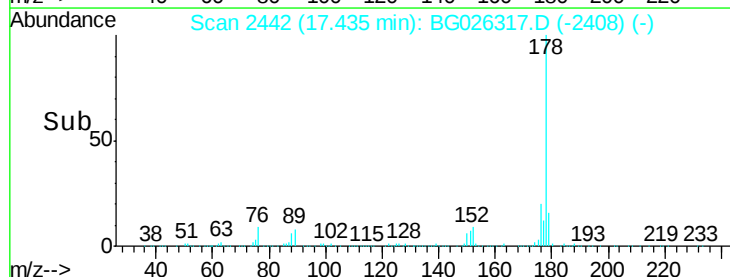
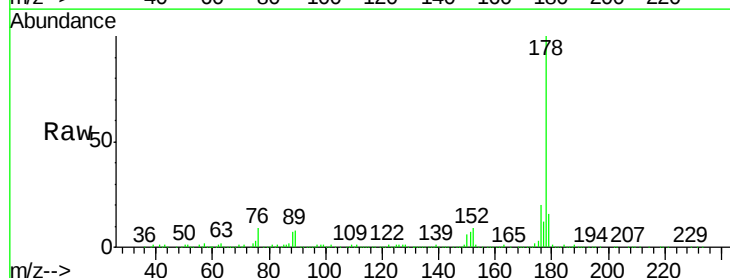
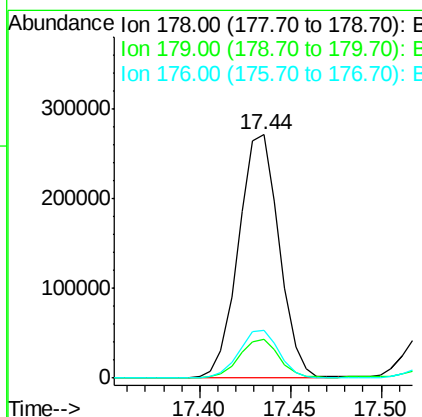
RT: 17.44 min Scan# 2442

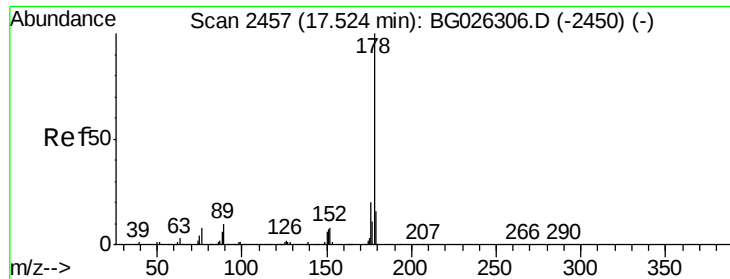
Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Tgt Ion:	178	Resp:	421791
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	19.9	16.4	24.6





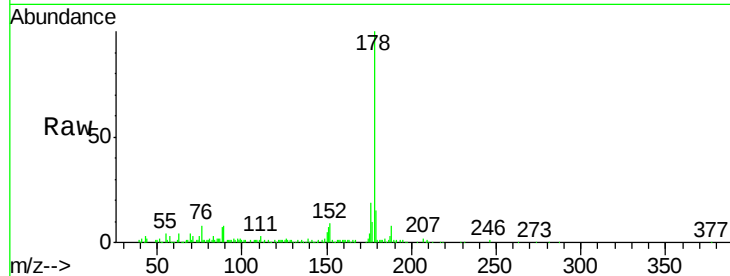
#16
 Anthracene
 Concen: 1.80 ng/ul
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG026317.D
 Acq: 18 Mar 2017 14:17

Instrument :
 BNA_G
 ClientSampleId :
 CB387

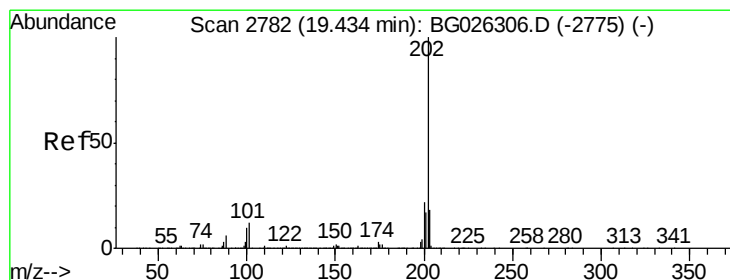
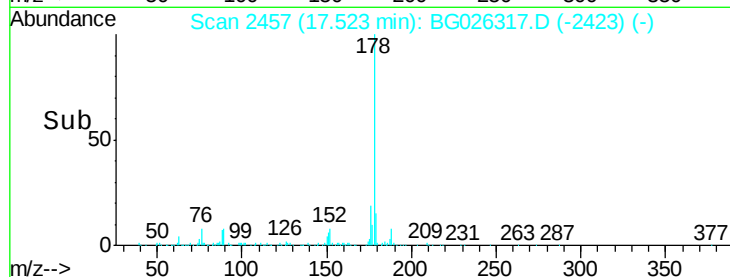
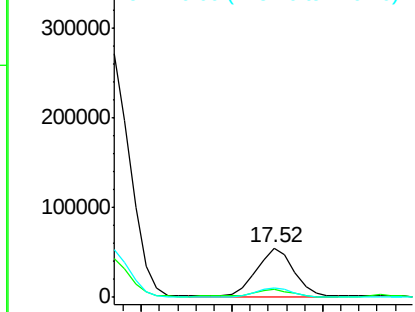
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	18.6	15.8	23.8

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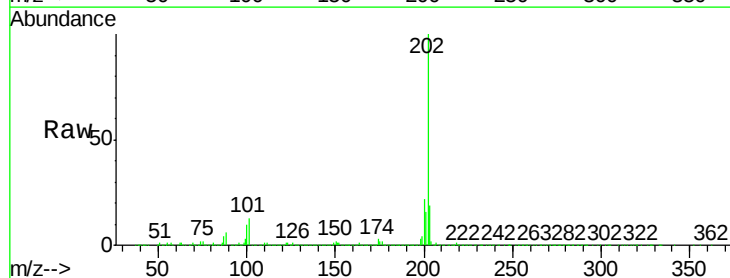


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

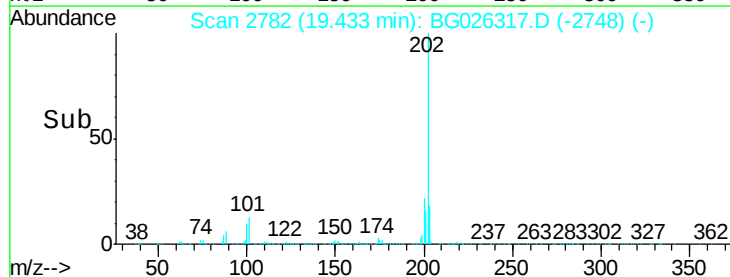
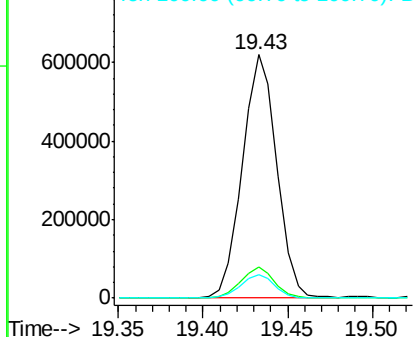


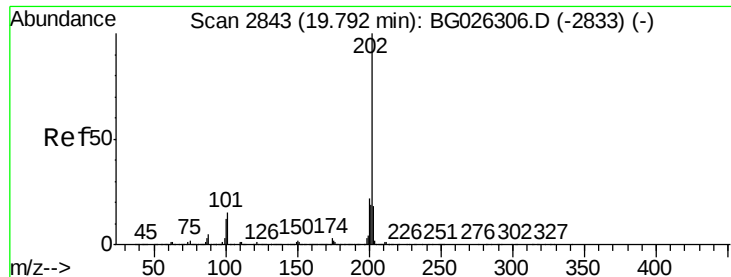
#17
 Fluoranthene
 Concen: 19.22 ng/ul
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG026317.D
 Acq: 18 Mar 2017 14:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.8
100	9.7	7.5	11.3



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





#20

Pyrene

Concen: 13.97 ng/ul

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

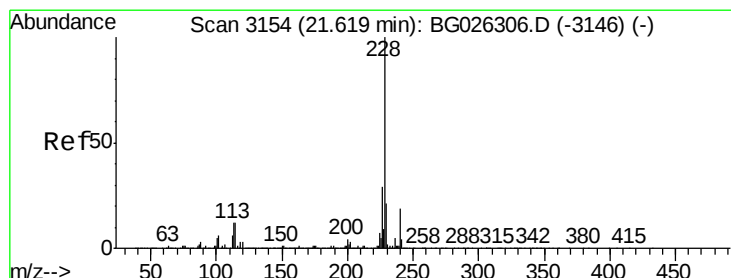
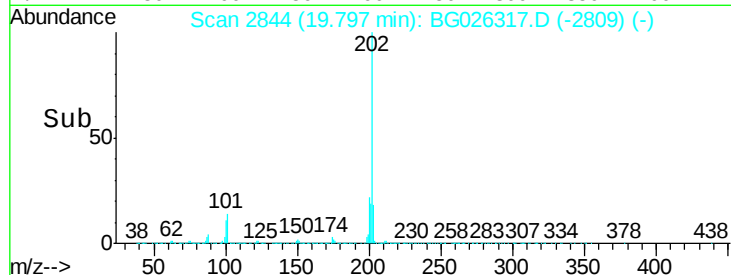
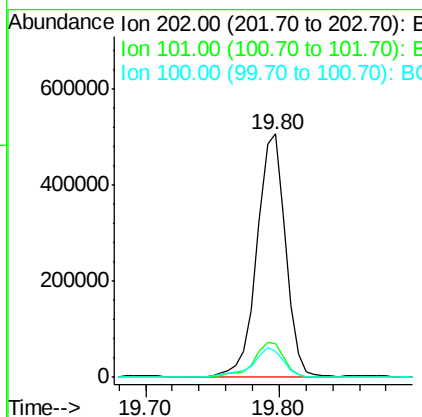
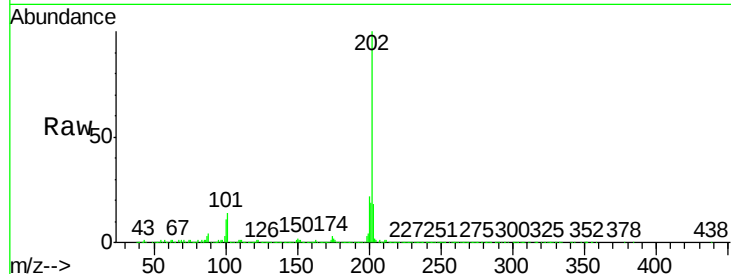
ClientSampleId :

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Tgt Ion:	202	Resp:	745926
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.2	16.8
100	10.8	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 9.77 ng/ul

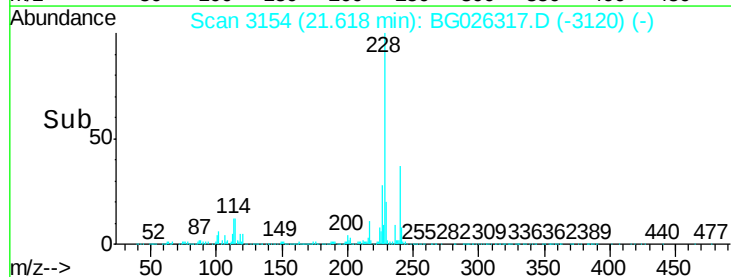
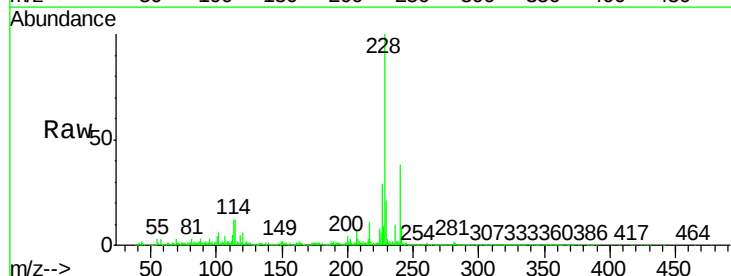
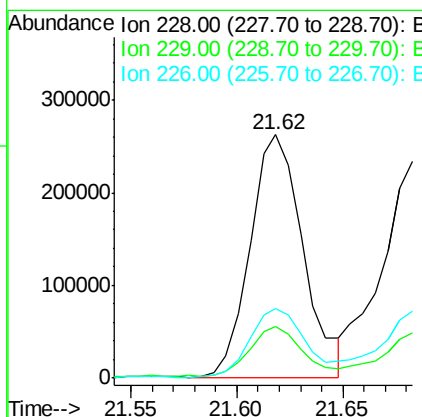
RT: 21.62 min Scan# 3154

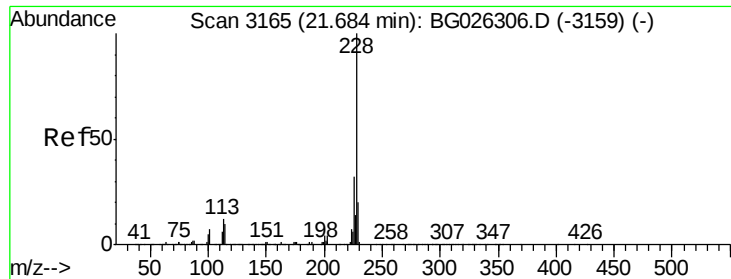
Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Tgt Ion:	228	Resp:	456069
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	28.5	22.1	33.1





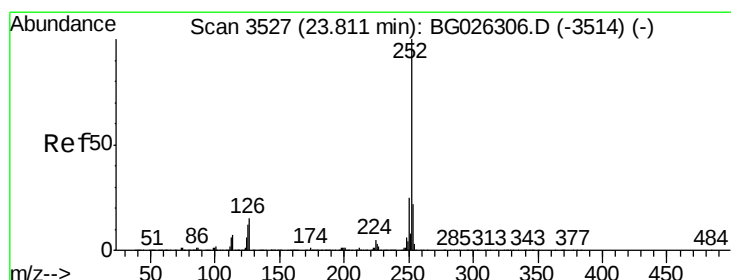
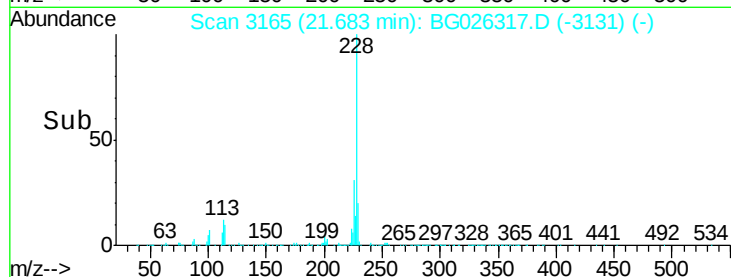
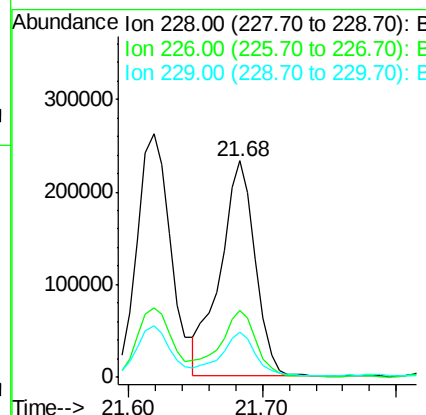
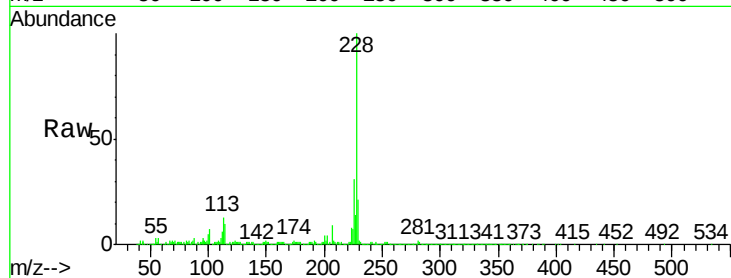
#22
Chrysene
Concen: 9.75 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG026317.D
Acq: 18 Mar 2017 14:17

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	228	Resp:	424794
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	20.8	16.6	25.0

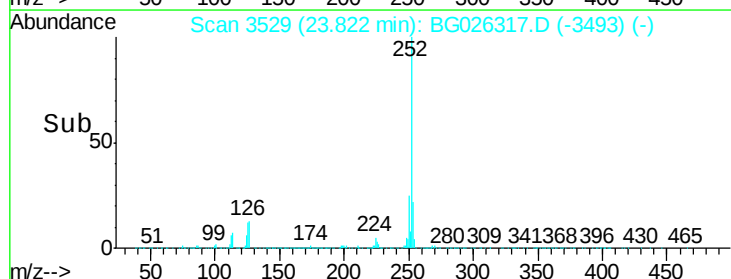
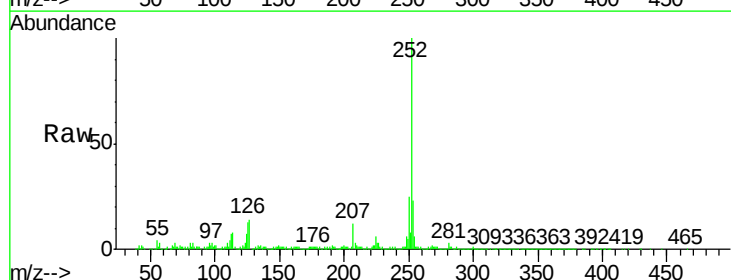
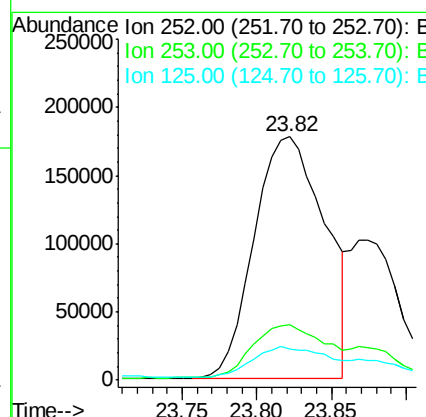
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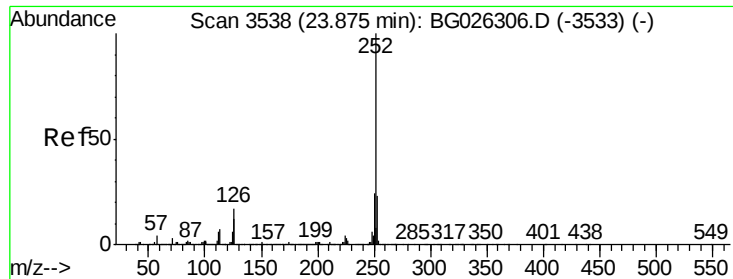
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#24
Benzo(b)fluoranthene
Concen: 13.16 ng/ul
RT: 23.82 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG026317.D
Acq: 18 Mar 2017 14:17

Tgt Ion:	252	Resp:	585681
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	12.7	9.4	14.0





#25

Benzo(k)fluoranthene

Concen: 5.70 ng/ul m

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

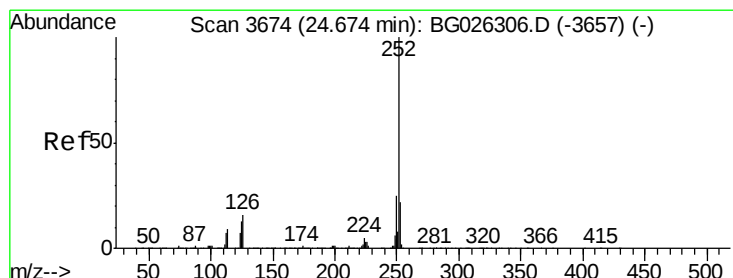
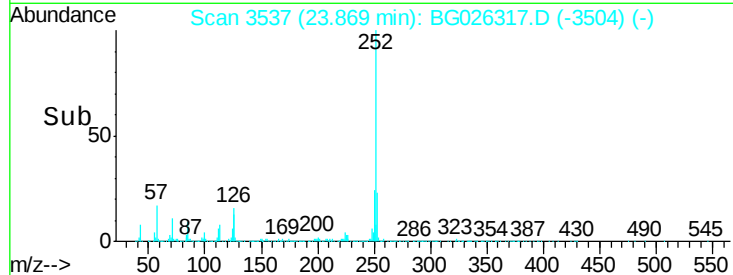
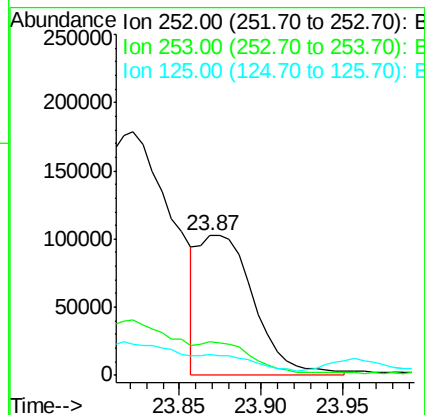
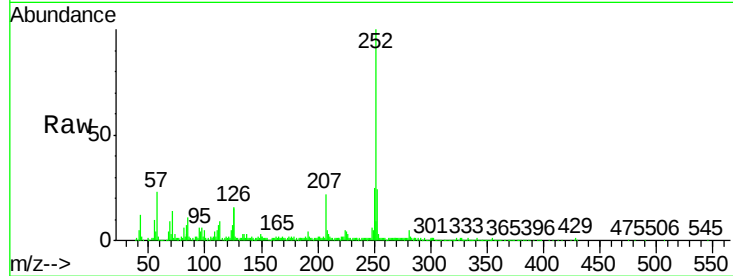
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Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.4	26.2
125	14.6	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 9.22 ng/ul

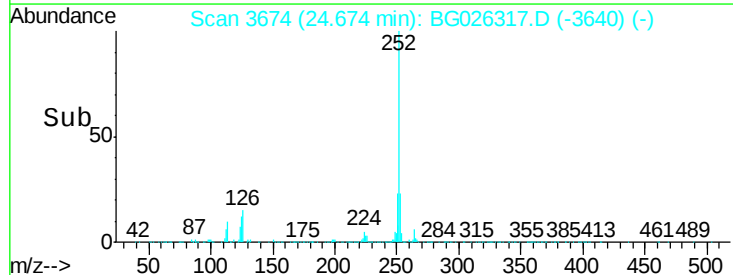
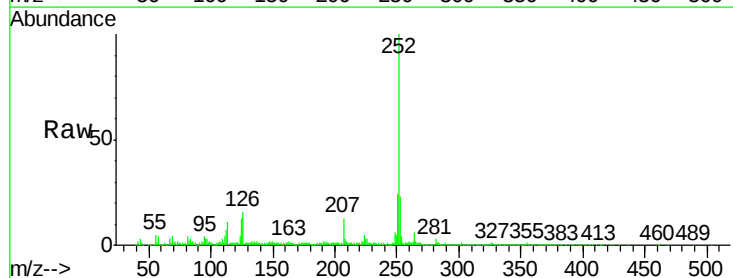
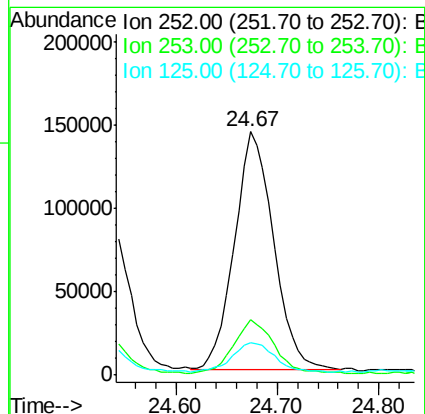
RT: 24.67 min Scan# 3674

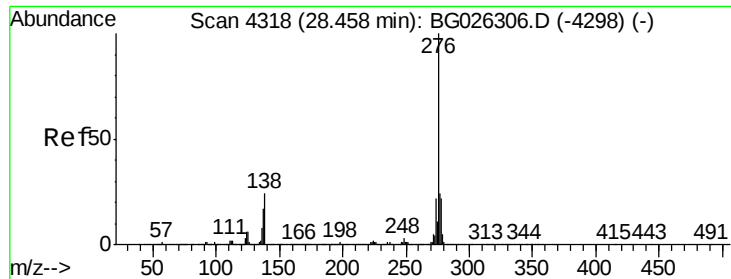
Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.2	9.4	14.2





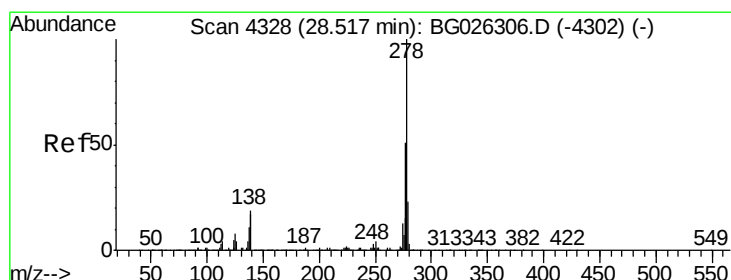
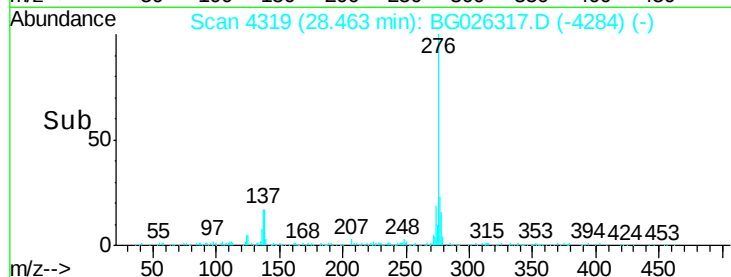
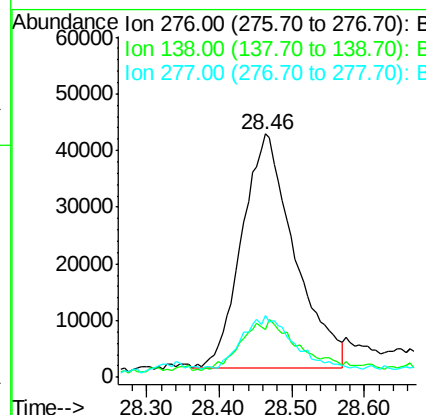
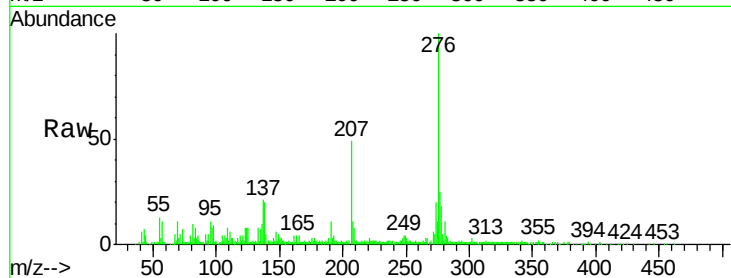
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 4.54 ng/ul
 RT: 28.46 min Scan# 4319
 Delta R.T. 0.00 min
 Lab File: BG026317.D
 Acq: 18 Mar 2017 14:17

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.8	26.6
277	25.2	19.4	29.0

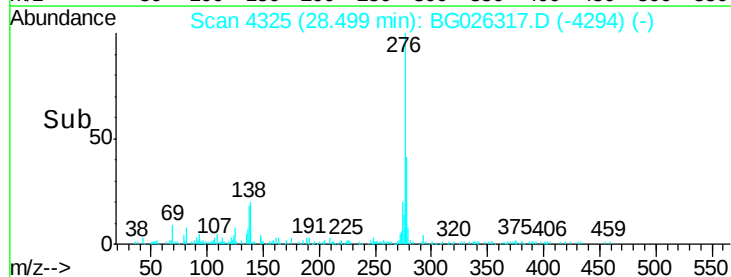
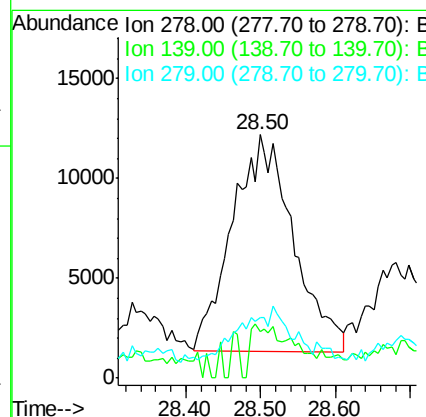
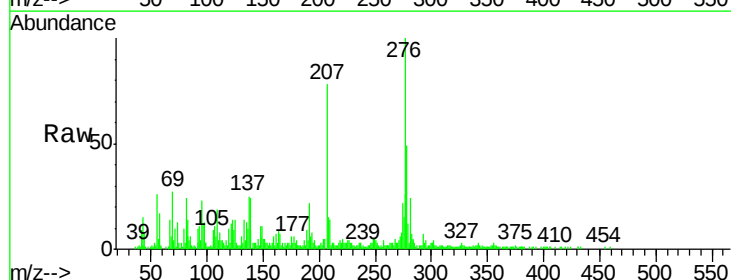
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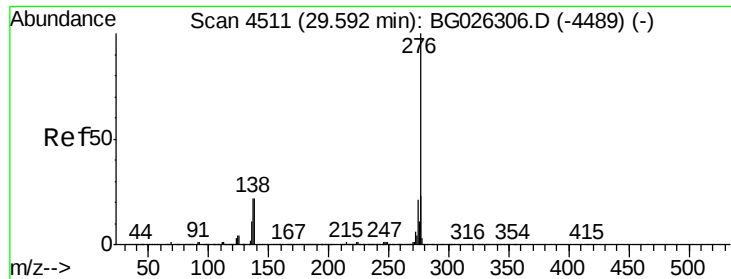
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.69 ng/ul m
 RT: 28.50 min Scan# 4325
 Delta R.T. -0.02 min
 Lab File: BG026317.D
 Acq: 18 Mar 2017 14:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.0	21.0
279	25.1	20.6	31.0





#30

Benzo(g,h,i)perylene

Concen: 3.94 ng/ul

RT: 29.59 min Scan# 4511

Delta R.T. -0.00 min

Lab File: BG026317.D

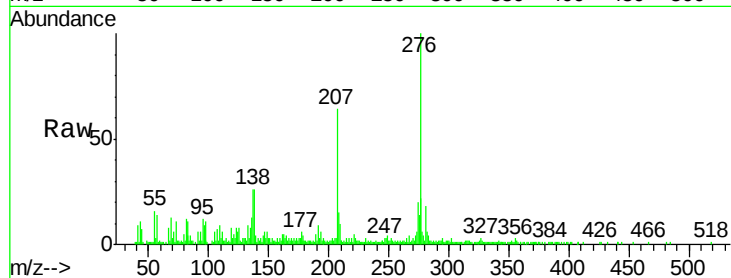
Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

ClientSampleId :

CB387



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		153910		
138	26.2		19.0	28.4	
277	21.9		19.7	29.5	

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