

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028480.D
 Acq On : 25 Aug 2017 4:41
 Operator : SJ/JU
 Sample : I4840-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AJ7

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:44:04 PM

Quant Time: Aug 25 15:37:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43338	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	190941	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	133261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	294592	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	345657	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	342195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	2393	2.57	ng/uL	0.00
5) Phenol-d5	7.49	99	62158	13.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	36491	12.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	44686	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	50926	12.80	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	23078	15.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	27555	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	52944	15.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	42147	11.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	176414	14.88	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	202375	15.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	22863	12.13	ng/ul	0.00
57) Fluorene-d10	15.94	176	149890	14.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	22879	11.96	ng/ul	0.00
70) Anthracene-d10	17.80	188	242285	17.15	ng/ul	0.00
76) Pyrene-d10	20.07	212	283429	15.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	271003	16.92	ng/ul	0.02
Target Compounds						
6) Phenol	7.52	94	9736	2.058	ng/ul	89
44) Dimethylphthalate	14.39	163	76256	6.987	ng/ul#	95
69) Phenanthrene	17.74	178	127131	8.575	ng/ul	99
72) Carbazole	18.10	167	14571	1.106	ng/ul#	96
74) Fluoranthene	19.74	202	260671	14.468	ng/ul	98
77) Pyrene	20.10	202	232650	11.282	ng/ul	98
80) Benzo(a)anthracene	22.01	228	119194	5.968	ng/ul	94
82) Chrysene	22.08	228	138471	7.698	ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	164519	8.034	ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	58577m	2.929	ng/ul	
88) Benzo(a)pyrene	25.37	252	115035	5.802	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.58	276	74960m	3.229	ng/ul	
91) Benzo(g,h,i)perylene	30.83	276	55737m	2.918	ng/ul	

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

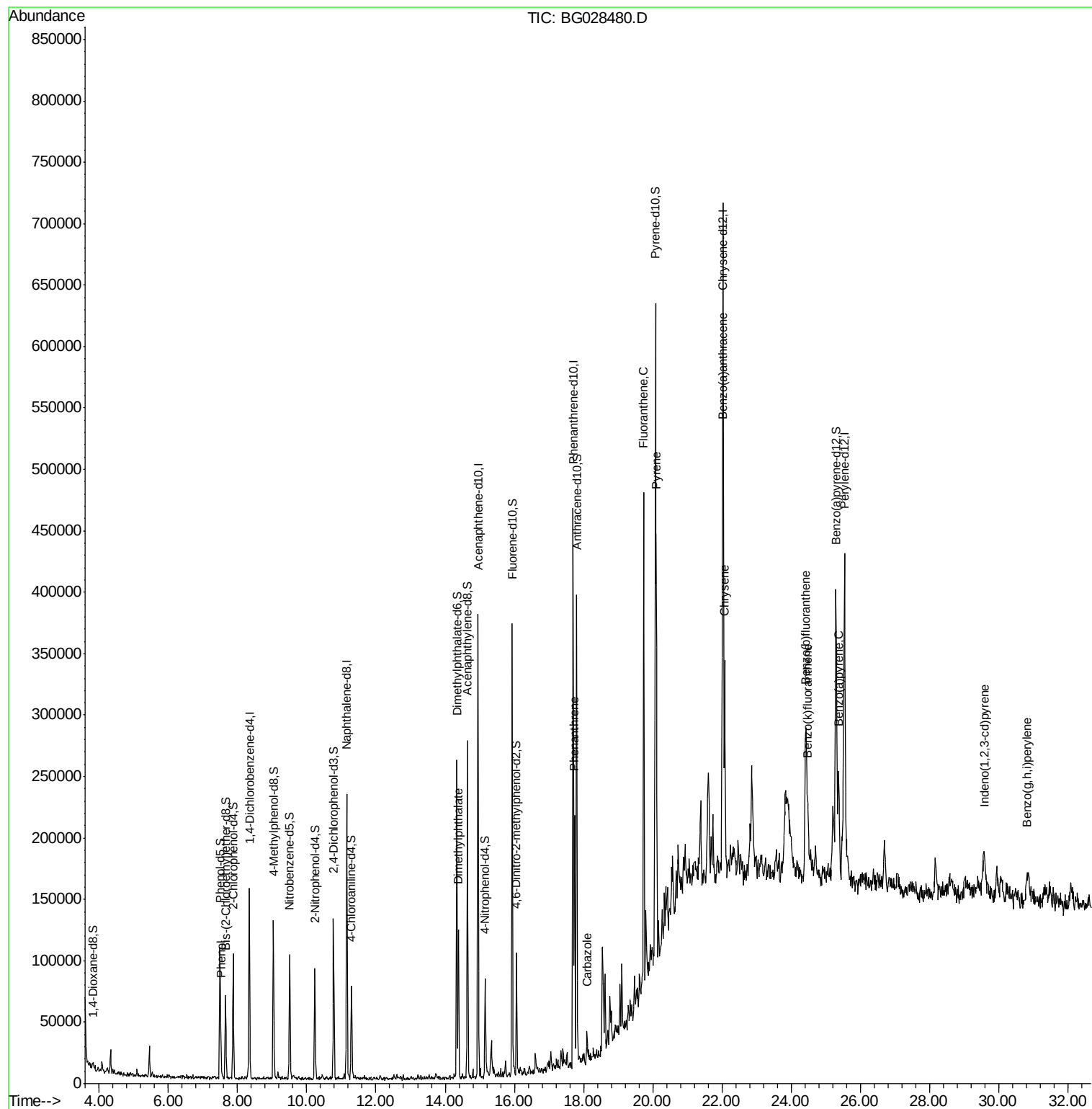
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028480.D
Acq On : 25 Aug 2017 4:41
Operator : SJ/JU
Sample : I4840-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

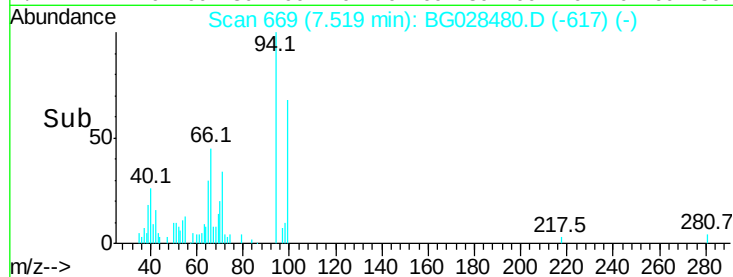
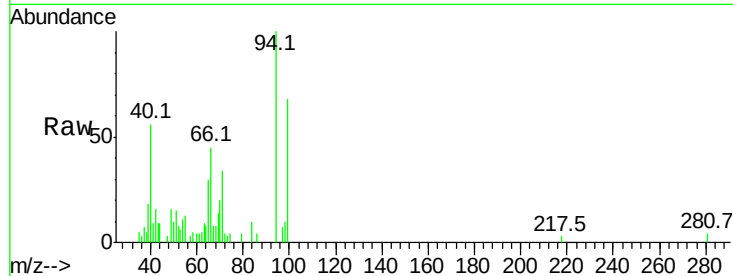
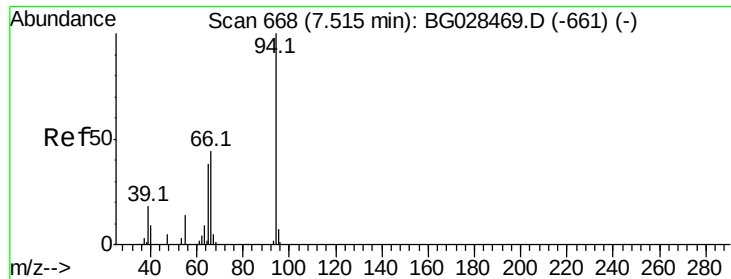
Instrument :
BNA_G
ClientSampleId :
B0AJ7

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Quant Time: Aug 25 15:37:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.058 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Tot Ion:	94	Resp:	9736
Ion Ratio	Lower	Upper	
94	100		
65	30.4	26.8	40.2
66	44.8	44.4	66.6

Instrument :

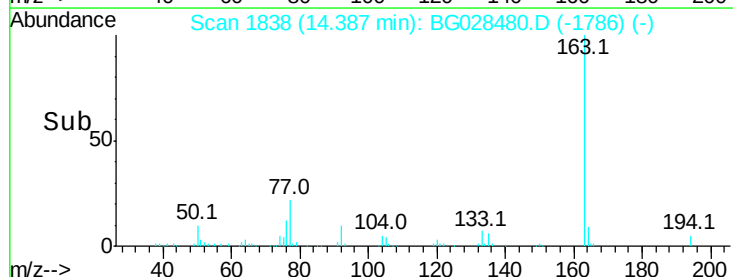
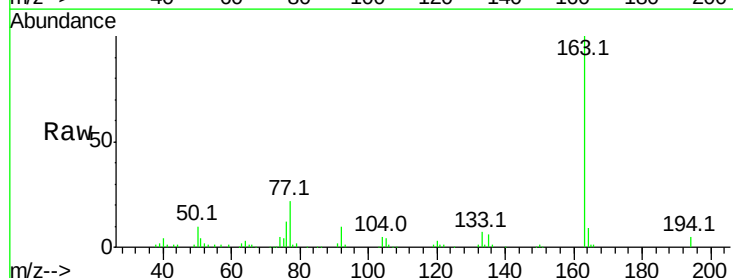
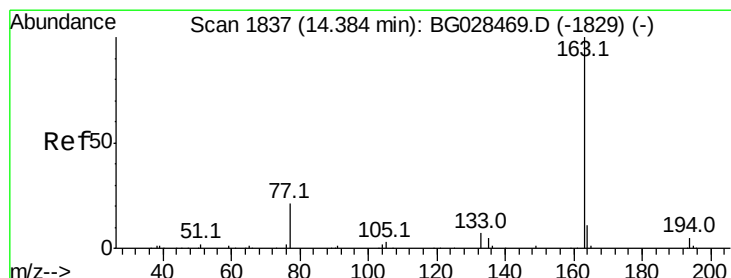
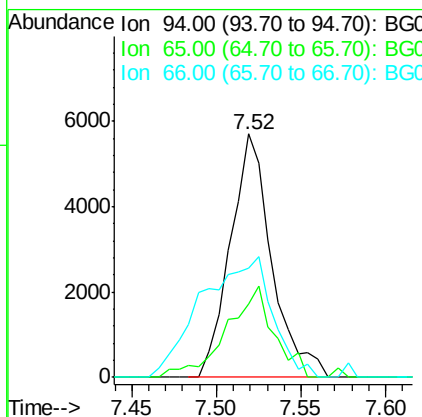
BNA_G

ClientSampleId :

B0AJ7

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#44

Dimethylphthalate

Concen: 6.987 ng/ul

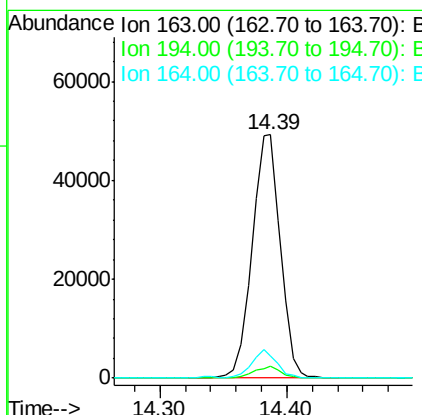
RT: 14.39 min Scan# 1838

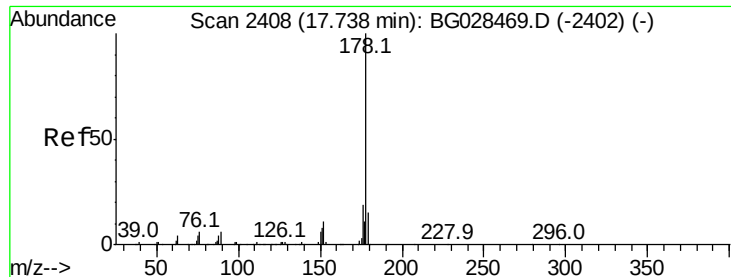
Delta R.T. 0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Tgt Ion:	163	Resp:	76256
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.0#
164	9.0	9.0	13.4





#69

Phenanthrene

Concen: 8.575 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Instrument :

BNA_G

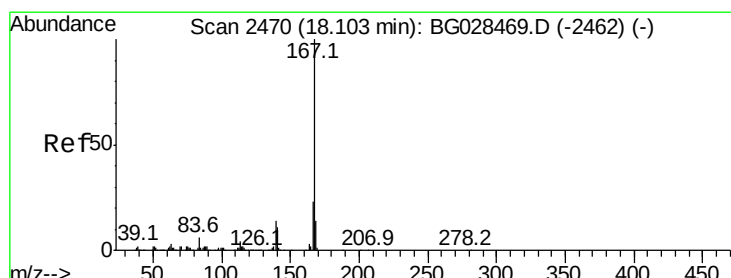
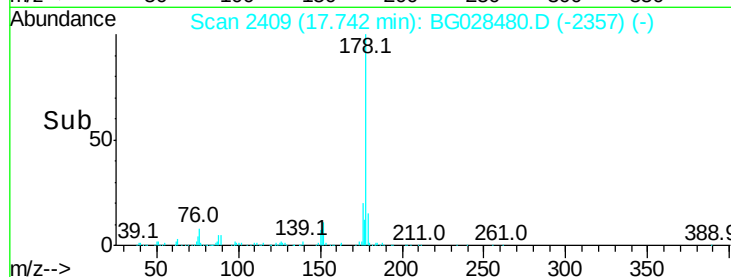
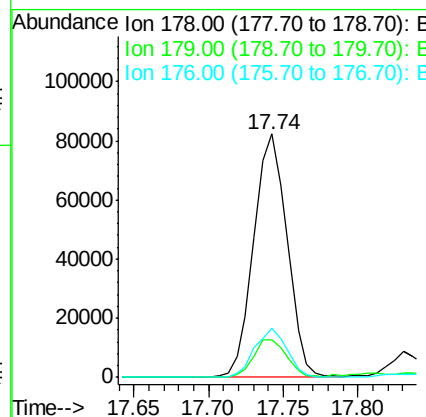
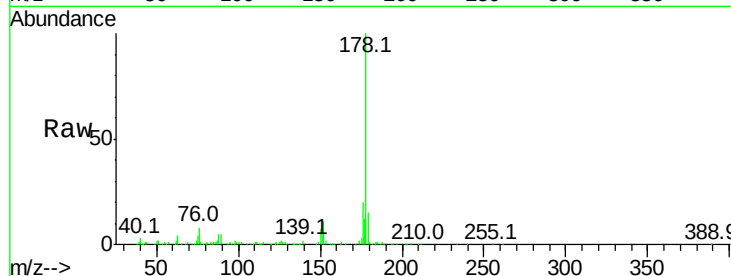
ClientSampleId :

B0AJ7

Tot Ion:178	Resp:	127131
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.4 18.6
176	20.2	16.5 24.7

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#72

Carbazole

Concen: 1.106 ng/ul

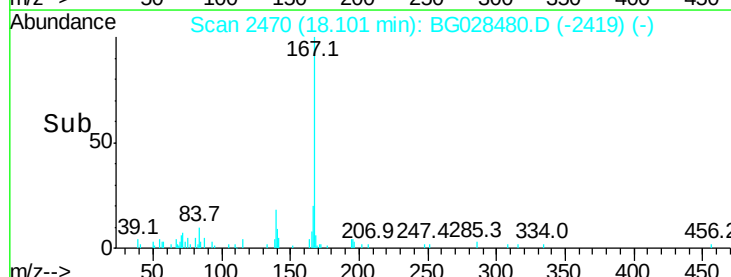
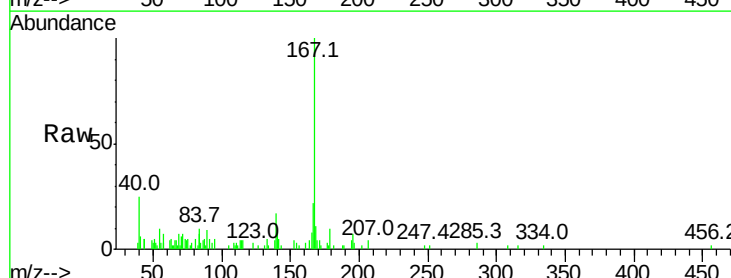
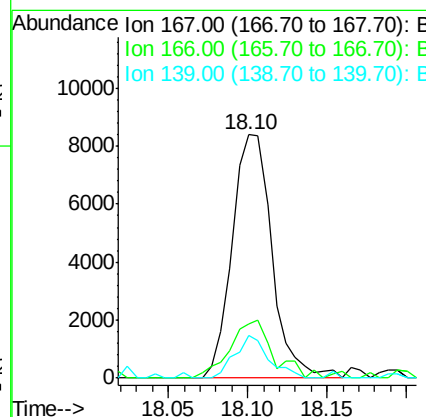
RT: 18.10 min Scan# 2470

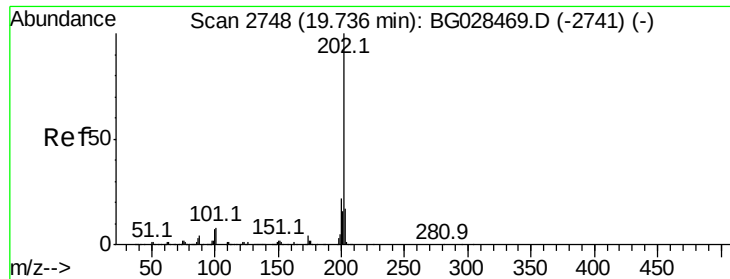
Delta R.T. -0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Tgt Ion:167	Resp:	14571
Ion Ratio	Lower	Upper
167	100	
166	22.2	17.9 26.9
139	17.3	10.5 15.7#





#74

Fluoranthene

Concen: 14.468 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Instrument :

BNA_G

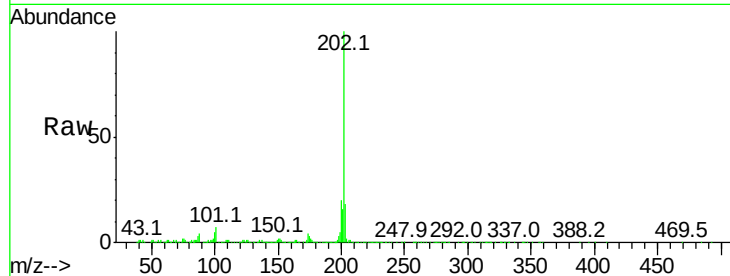
ClientSampled :

B0AJ7

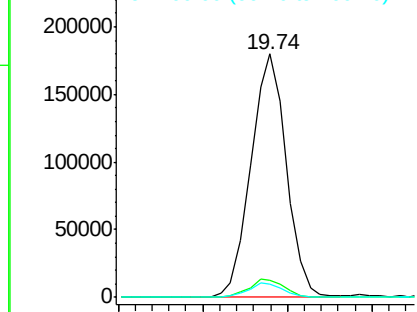
Tot Ion	Ratio	Resp	Lower	Upper
202	100	260671		
101	7.2		6.2	9.2
100	5.4		5.2	7.8

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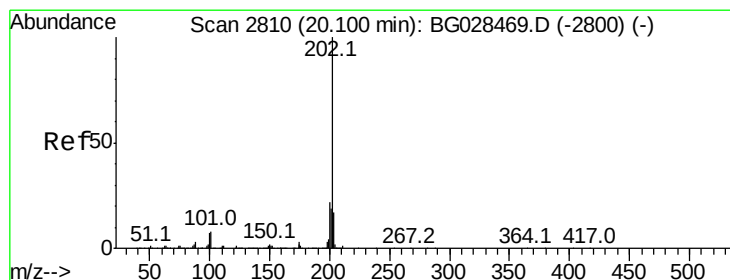
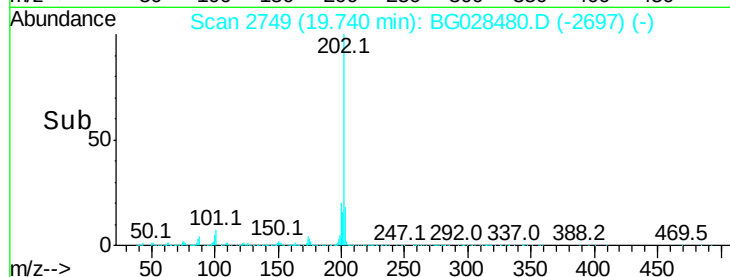
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.65 19.70 19.75 19.80



#77

Pyrene

Concen: 11.282 ng/ul

RT: 20.10 min Scan# 2811

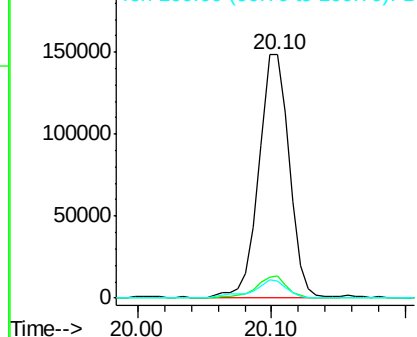
Delta R.T. 0.00 min

Lab File: BG028480.D

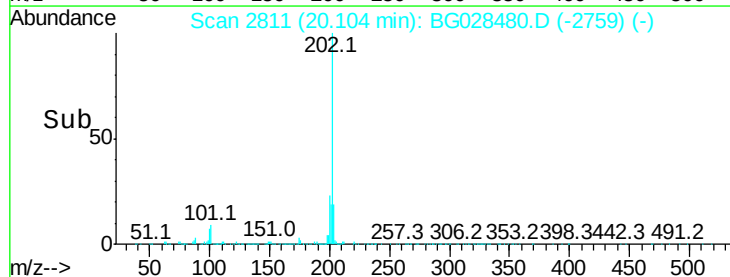
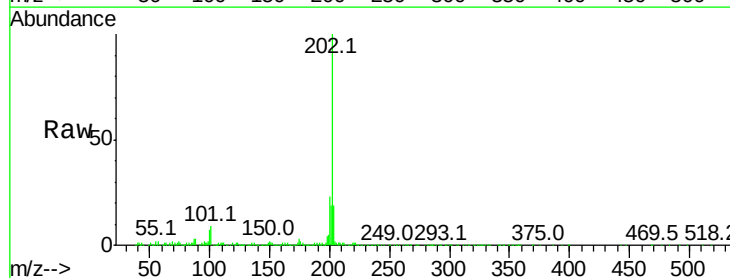
Acq: 25 Aug 2017 4:41

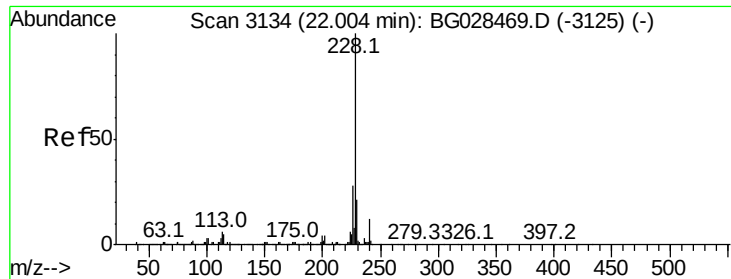
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	232650		
101	8.9		6.9	10.3
100	7.0		6.6	10.0

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



Time--> 20.00 20.10





#80

Benzo(a)anthracene

Concen: 5.968 ng/ul

RT: 22.01 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG028480.D

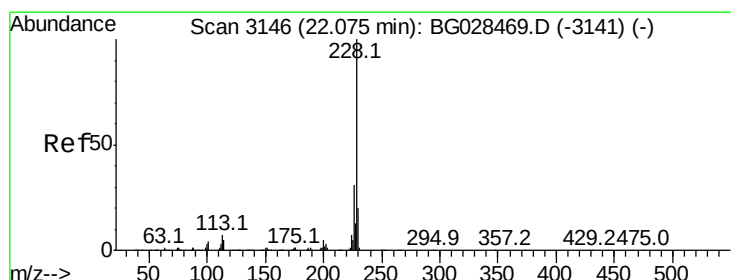
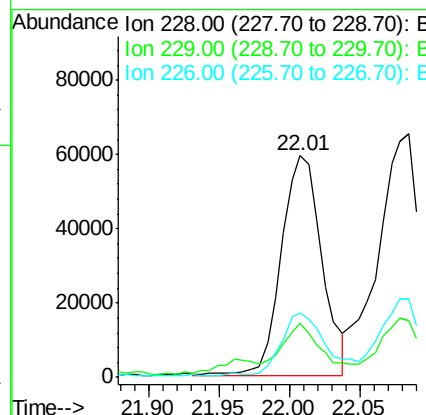
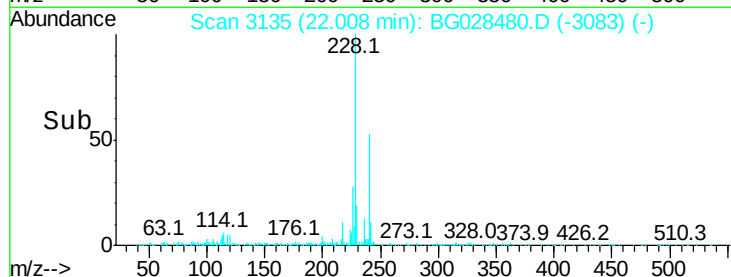
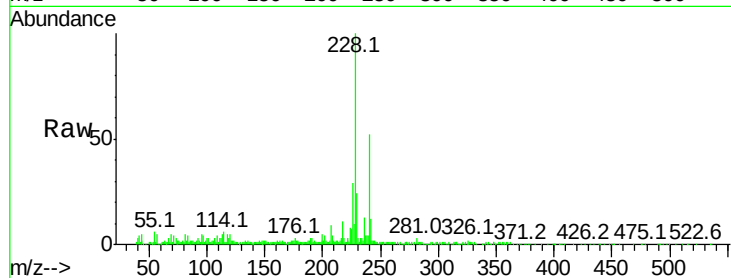
Acq: 25 Aug 2017 4:41

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:	228	Resp:	119194
Ion Ratio	Lower	Upper	
228	100		
229	24.5	16.3	24.5
226	29.1	21.9	32.9

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#82

Chrysene

Concen: 7.698 ng/ul

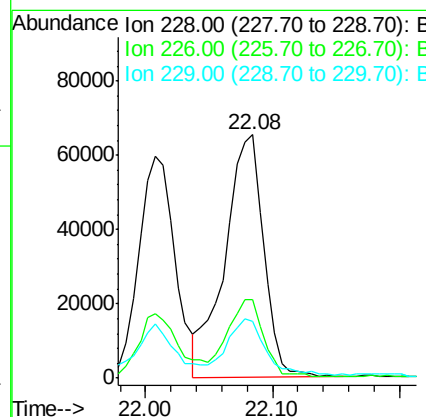
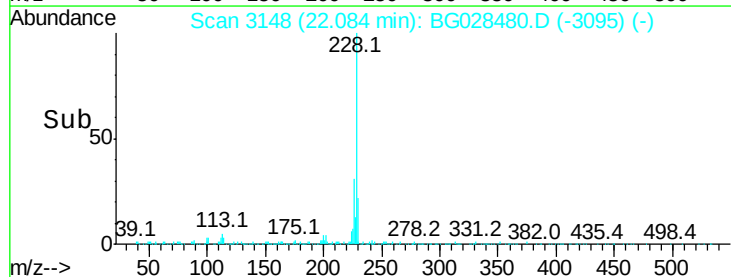
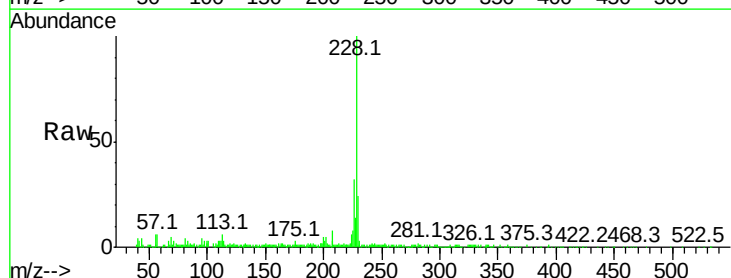
RT: 22.08 min Scan# 3148

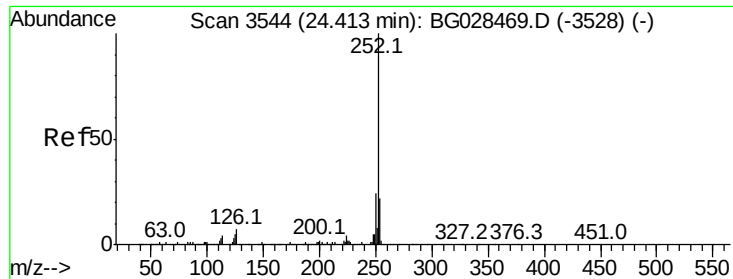
Delta R.T. 0.01 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Tgt Ion:	228	Resp:	138471
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.0	36.0
229	23.5	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 8.034 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Instrument :

BNA_G

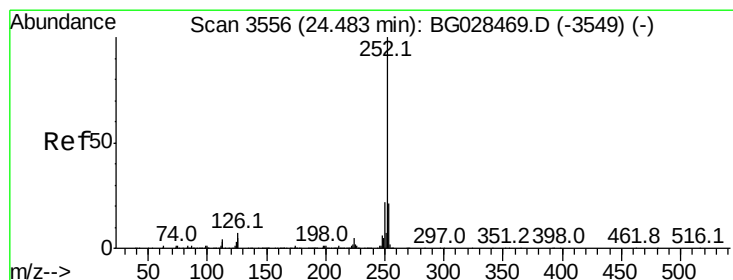
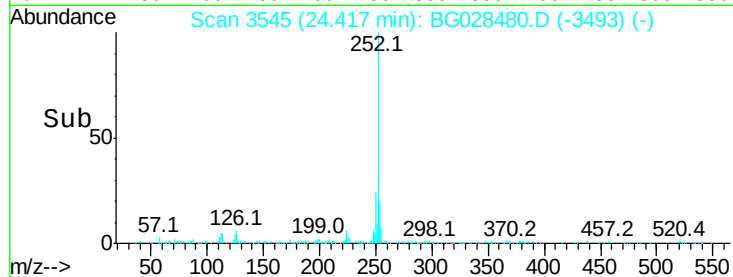
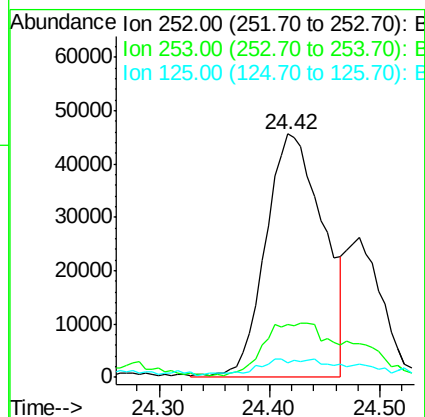
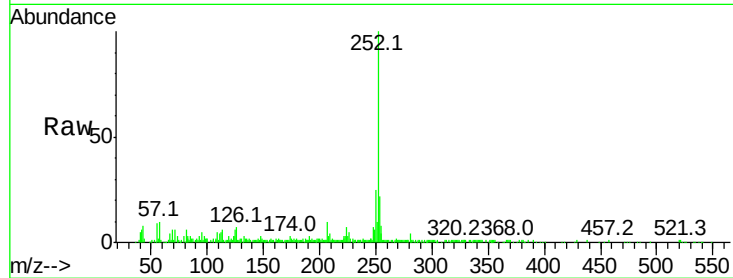
ClientSampleId :

B0AJ7

Tot Ion:	252	Resp:	164519
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.7	26.5
125	5.8	4.0	6.0

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#86

Benzo(k)fluoranthene

Concen: 2.929 ng/ul m

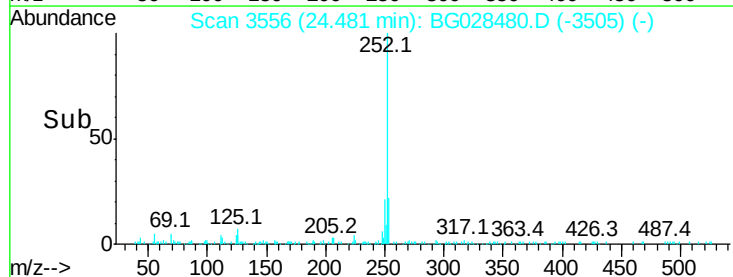
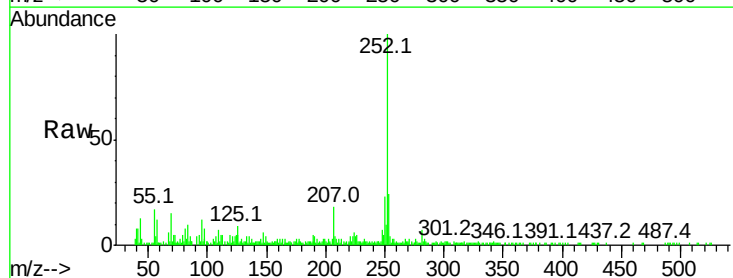
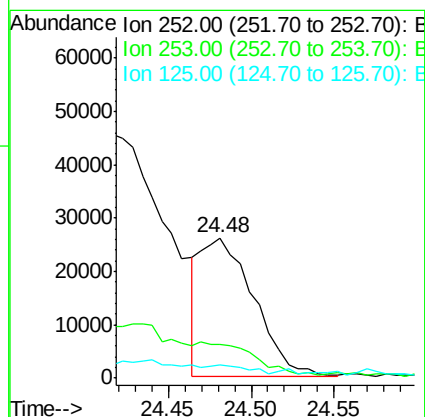
RT: 24.48 min Scan# 3556

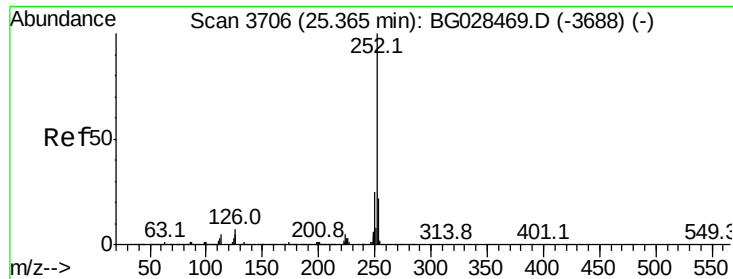
Delta R.T. -0.00 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Tgt Ion:	252	Resp:	58577
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.5	27.7
125	9.0	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 5.802 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. 0.01 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Instrument :

BNA_G

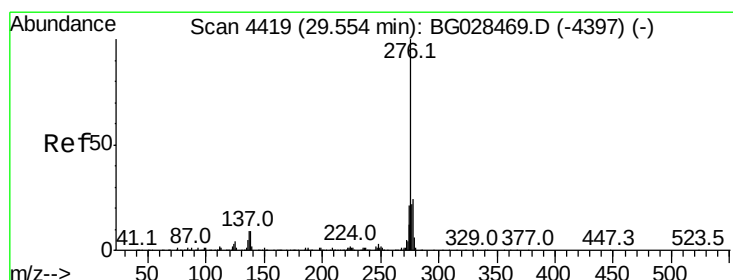
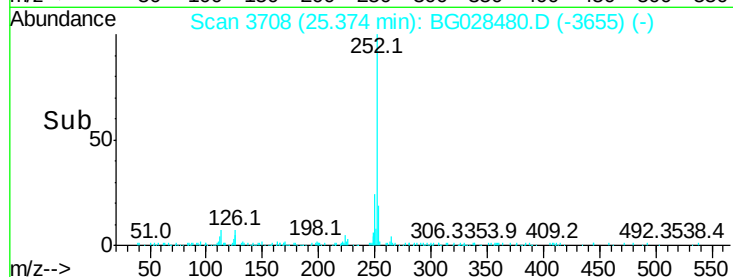
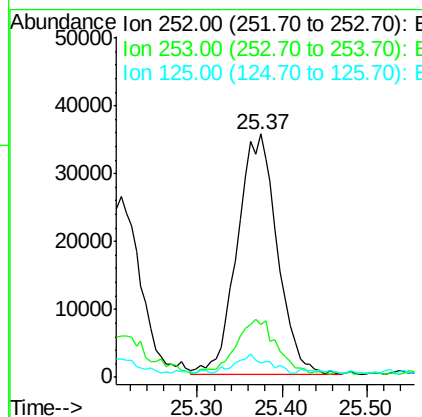
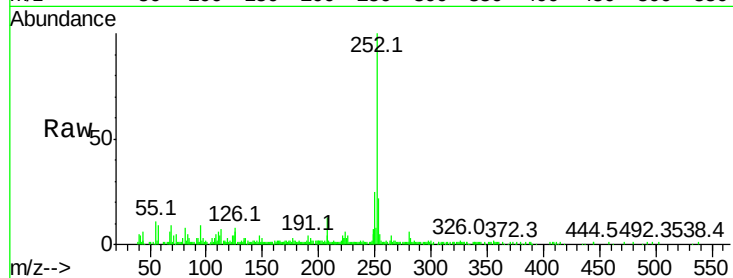
ClientSampled :

B0AJ7

Tot Ion:	252	Resp:	115035
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	6.2	5.4	8.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.229 ng/ul m

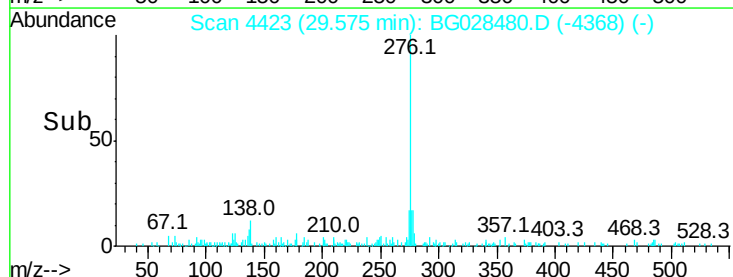
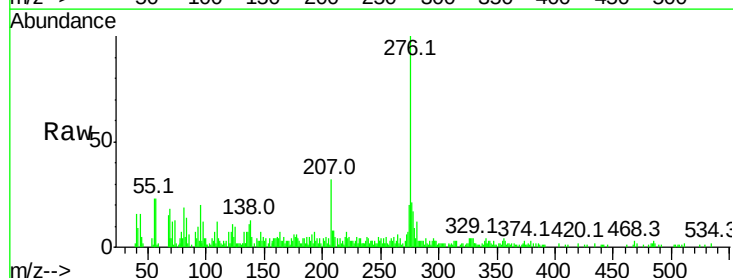
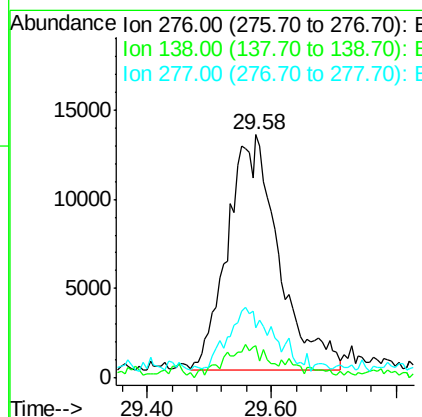
RT: 29.58 min Scan# 4423

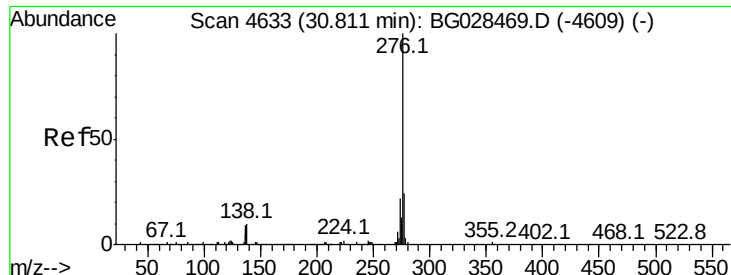
Delta R.T. 0.02 min

Lab File: BG028480.D

Acq: 25 Aug 2017 4:41

Tgt Ion:	276	Resp:	74960
Ion Ratio	Lower	Upper	
276	100		
138	13.5	8.2	12.4#
277	20.8	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.918 ng/ul m
 RT: 30.83 min Scan# 4637
 Delta R.T. 0.02 min
 Lab File: BG028480.D
 Acq: 25 Aug 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :
 B0AJ7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	8.6	12.8#
277	26.1	17.6	26.4

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