

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018542.D
 Acq On : 29 Aug 2015 18:46
 Operator : UM/MA
 Sample : G3476-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1

Manual Integrations
 APPROVED

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 8/31/2015 1:49:13 PM

Quant Time: Aug 31 04:28:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:29:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	76048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	369167	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	253490	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	636395	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	639319	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	626281	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	8250	4.79	ng/uL	0.00
5) Phenol-d5	7.17	99	230161	33.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	131381	30.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	168044	31.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	189918	32.75	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	88743	30.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	102265	34.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	211210	33.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	170239	24.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	683124	32.03	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	865741	32.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	131029	34.16	ng/ul	0.00
58) Fluorene-d10	15.63	176	621896	33.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	92209	29.46	ng/ul	0.00
71) Anthracene-d10	17.48	188	997721	32.78	ng/ul	0.00
79) Pyrene-d10	19.76	212	1059106	31.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	1091145	32.82	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.08	163	260764	12.40	ng/ul	99
70) Phenanthrene	17.42	178	42397	1.23	ng/ul	96
77) Fluoranthene	19.43	202	116501	3.16	ng/ul	99
80) Pyrene	19.79	202	135011	3.12	ng/ul#	96
83) Benzo(a)anthracene	21.62	228	65801m	1.66	ng/ul	
85) Chrysene	21.68	228	72610	1.96	ng/ul	96
88) Benzo(b)fluoranthene	23.83	252	84716	2.15	ng/ul#	95
91) Benzo(a)pyrene	24.68	252	57664m	1.54	ng/ul	
94) Benzo(g,h,i)perylene	29.60	276	36999m	1.02	ng/ul	

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

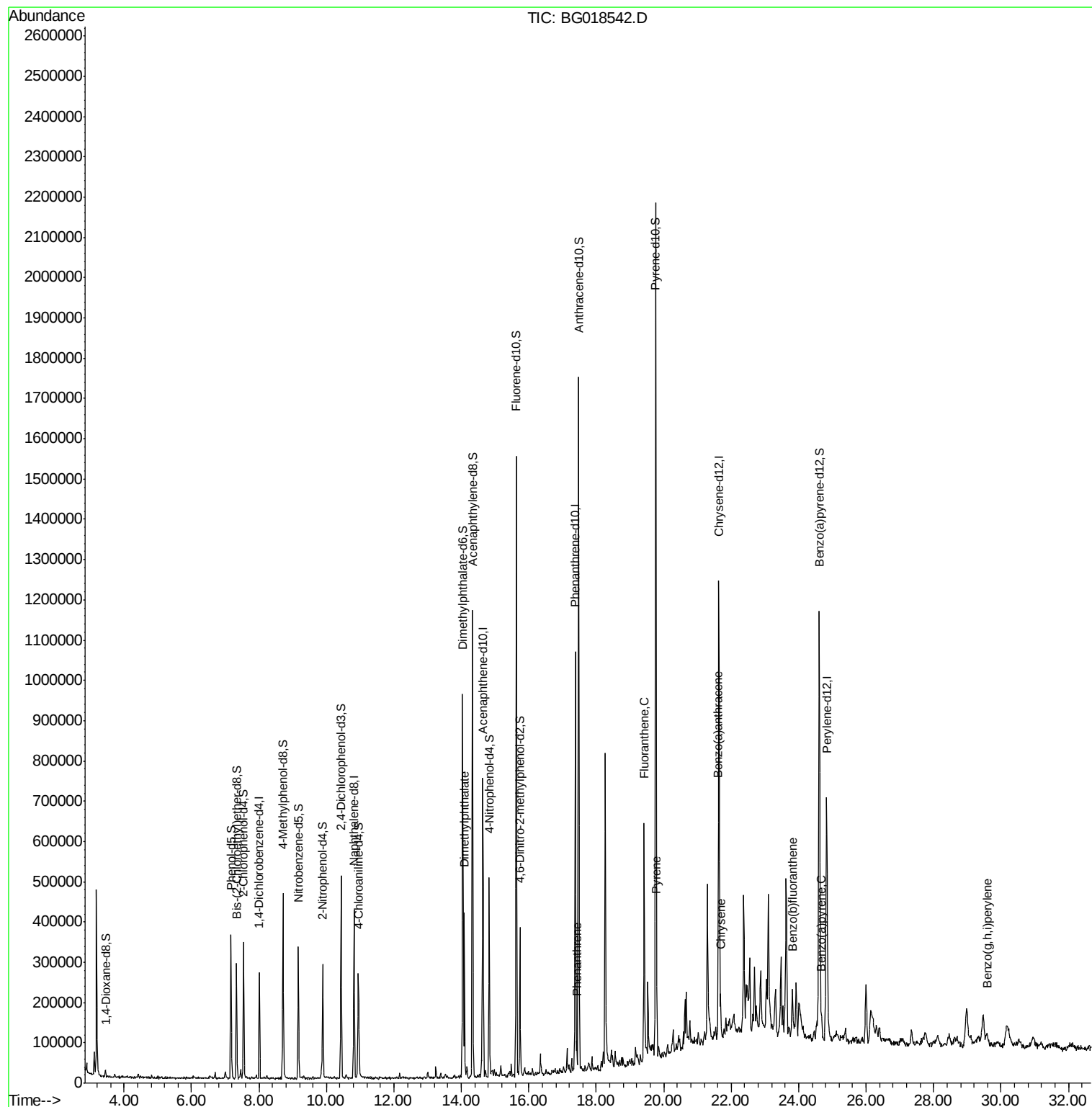
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018542.D
Acq On : 29 Aug 2015 18:46
Operator : UM/MA
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Misc :
ALS Vial : 8 Sample Multiplier: 1

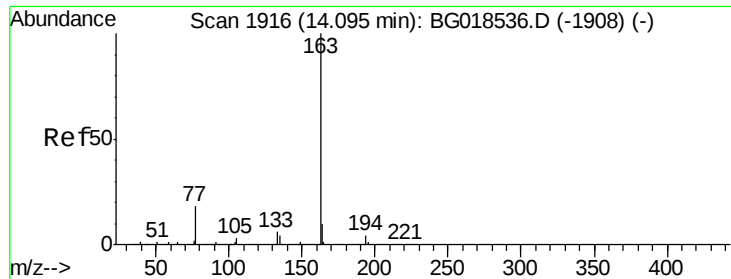
Instrument :
BNA_G
ClientSampleId :
BCTJ1

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Quant Time: Aug 31 04:28:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 12.40 ng/ul

RT: 14.08 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG018542.D

Acq: 29 Aug 2015 18:46

Instrument :

BNA_G

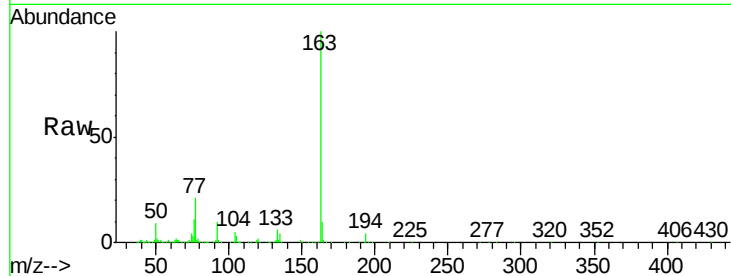
ClientSampled :

BCTJ1

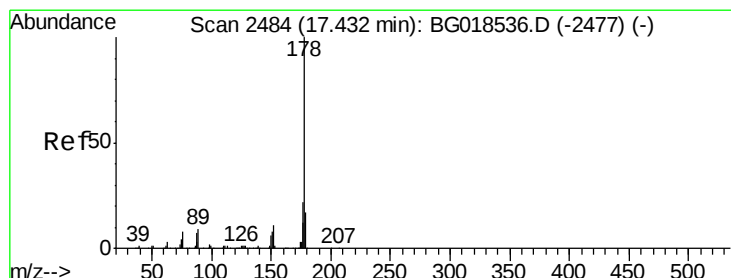
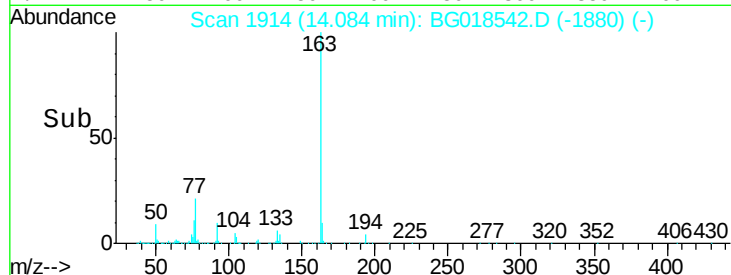
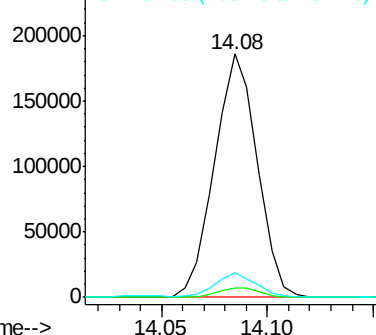
Tgt Ion:	163	Resp:	260764
Ion Ratio		Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.9	7.7	11.5

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 1.23 ng/ul

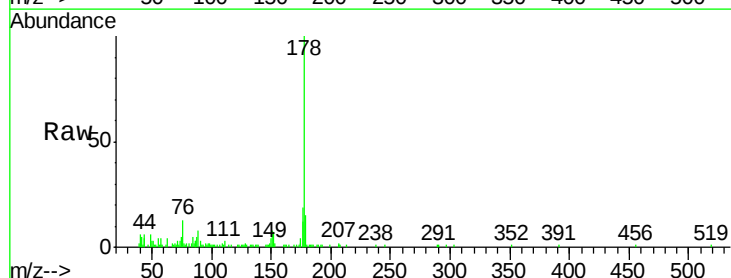
RT: 17.42 min Scan# 2482

Delta R.T. -0.00 min

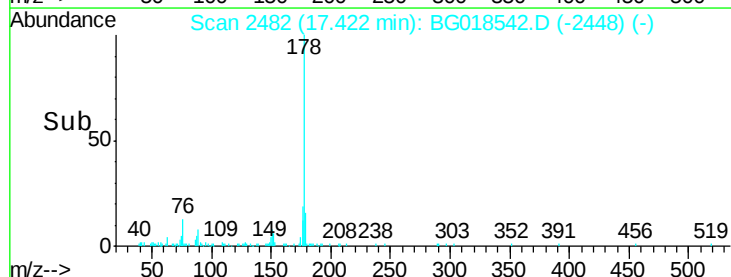
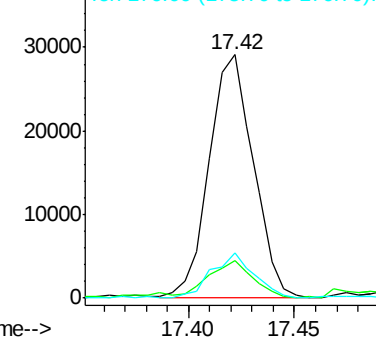
Lab File: BG018542.D

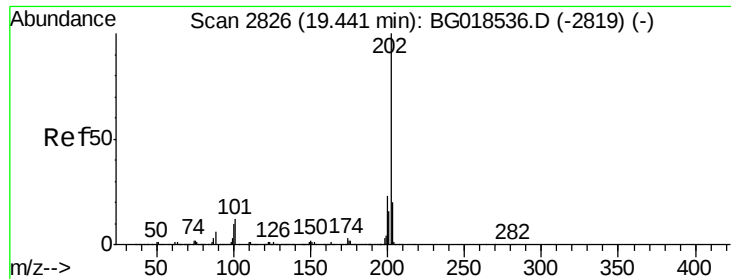
Acq: 29 Aug 2015 18:46

Tgt Ion:	178	Resp:	42397
Ion Ratio		Lower	Upper
178	100		
179	15.5	13.7	20.5
176	18.6	16.6	24.8



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





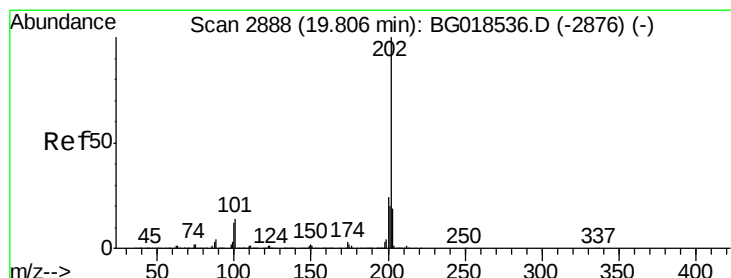
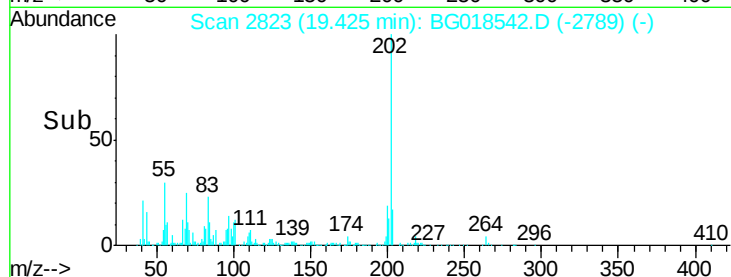
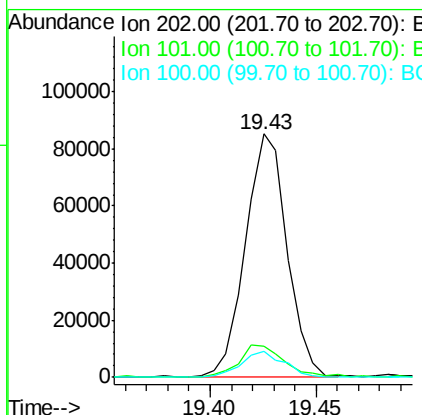
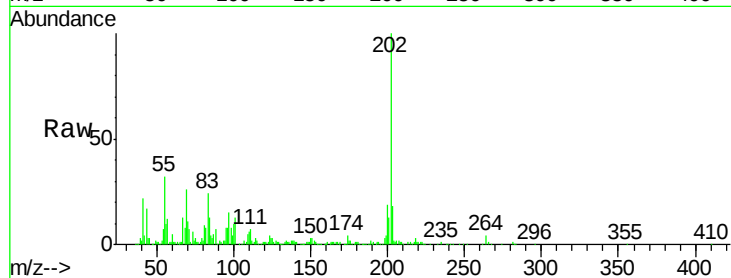
#77
Fluoranthene
 Concen: 3.16 ng/ul
 RT: 19.43 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BG018542.D
 Acq: 29 Aug 2015 18:46

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	116501		
101	12.5	9.7	14.5	
100	10.4	7.8	11.8	

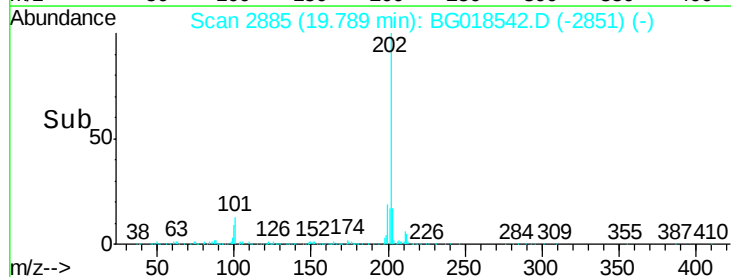
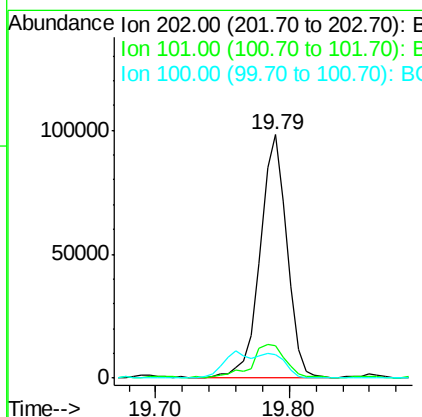
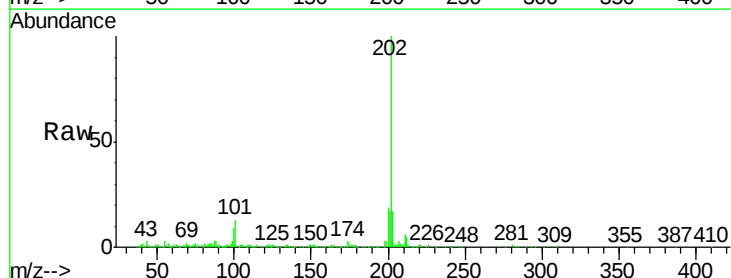
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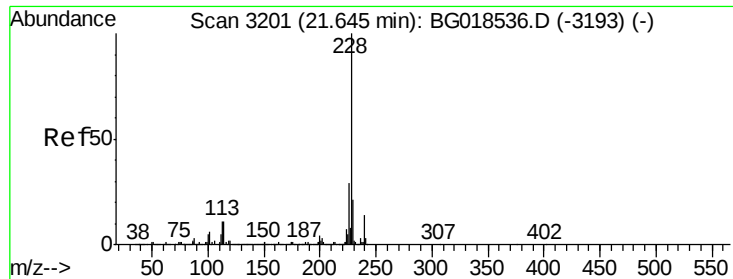
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#80
Pyrene
 Concen: 3.12 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG018542.D
 Acq: 29 Aug 2015 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	135011		
101	13.3	11.0	16.4	
100	9.4	9.8	14.6	





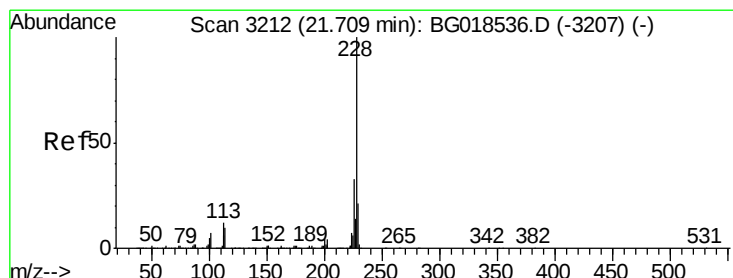
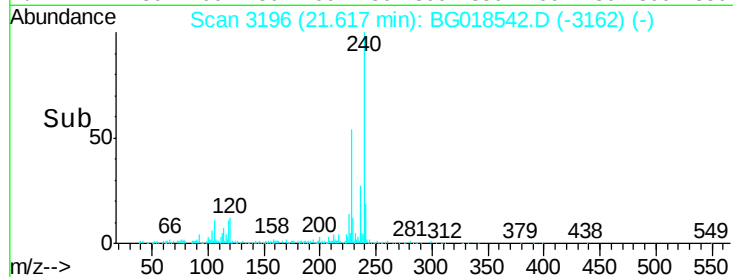
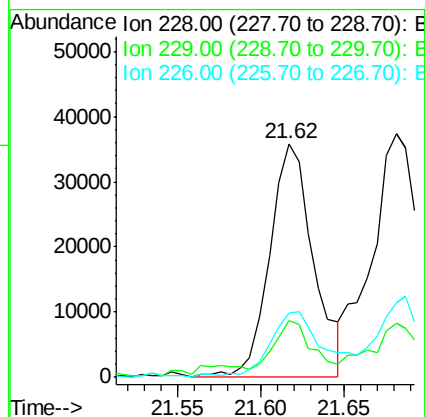
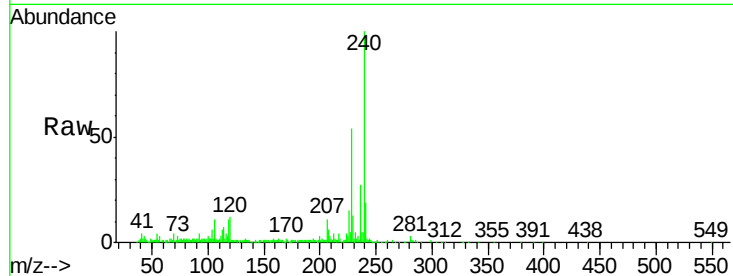
#83
Benzo(a)anthracene
Concen: 1.66 ng/ul m
RT: 21.62 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG018542.D
Acq: 29 Aug 2015 18:46

Instrument :
BNA_G
ClientSampleId :
BCTJ1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.5	23.3#
226	27.6	22.1	33.1

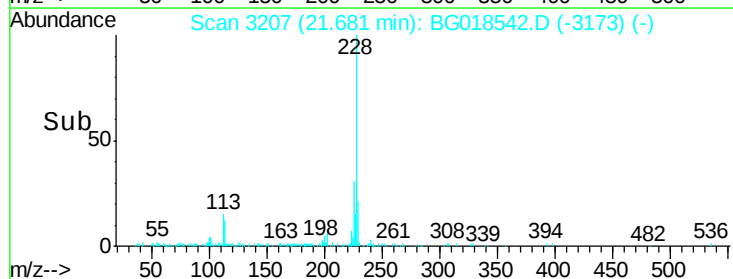
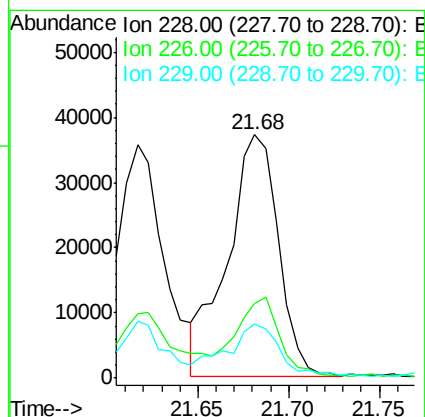
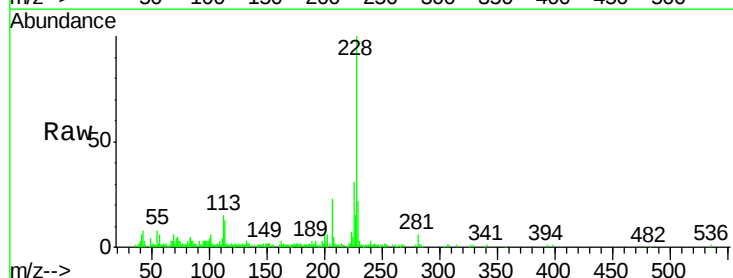
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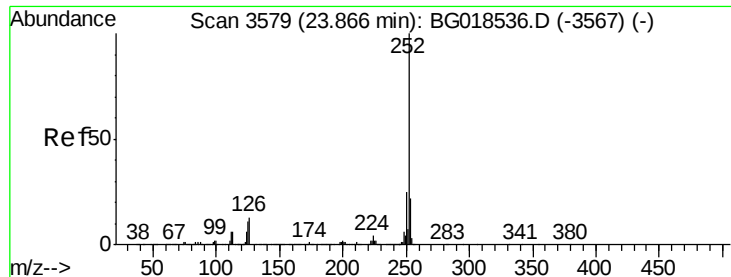
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#85
Chrysene
Concen: 1.96 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG018542.D
Acq: 29 Aug 2015 18:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	26.5	39.7
229	22.4	16.9	25.3





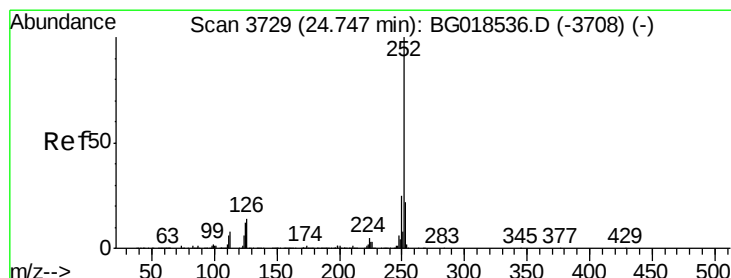
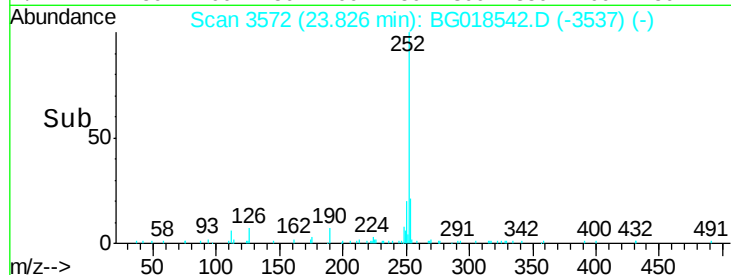
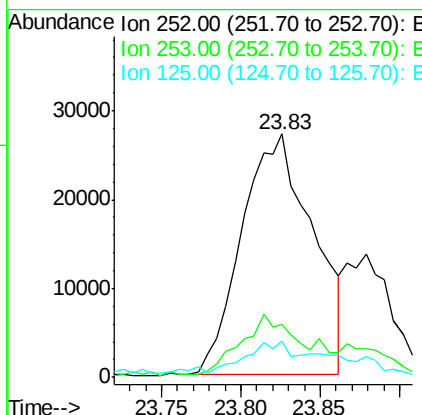
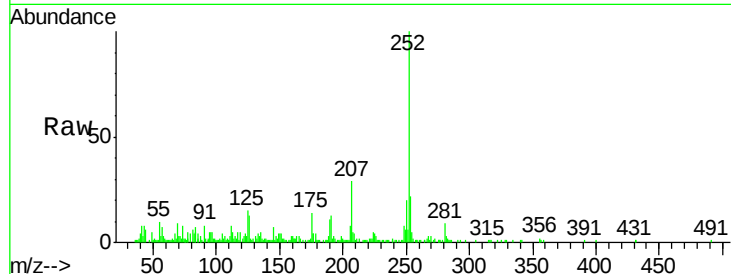
#88
Benzo(b)fluoranthene
Concen: 2.15 ng/ul
RT: 23.83 min Scan# 3572
Delta R.T. 0.00 min
Lab File: BG018542.D
Acq: 29 Aug 2015 18:46

Instrument :
BNA_G
ClientSampleId :
BCTJ1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.6	8.3	12.5#

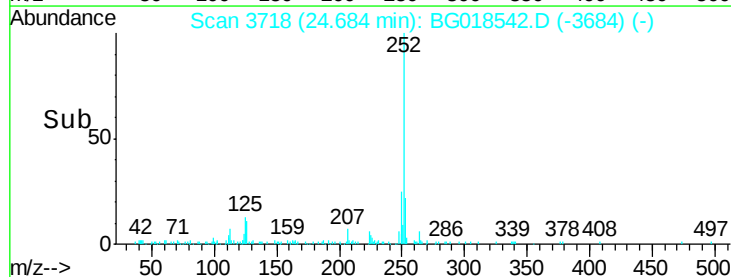
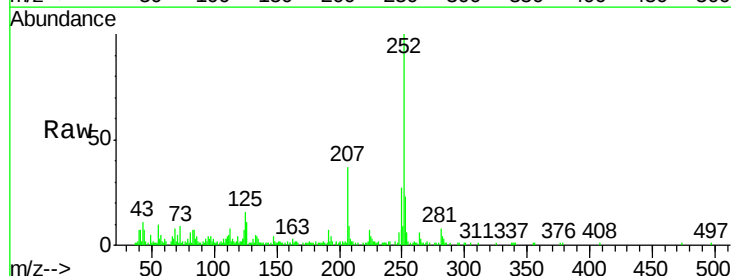
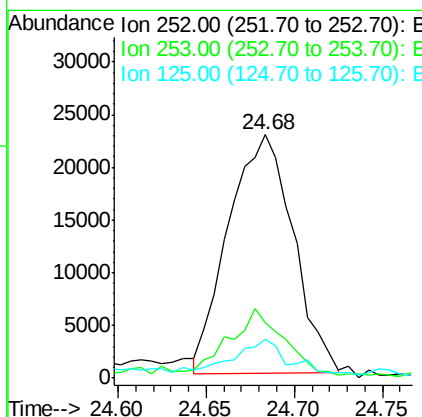
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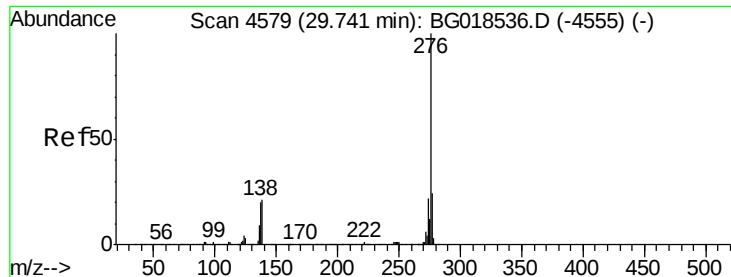
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#91
Benzo(a)pyrene
Concen: 1.54 ng/ul m
RT: 24.68 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG018542.D
Acq: 29 Aug 2015 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	16.2	10.2	15.2#





#94

Benzo(g,h,i)perylene

Concen: 1.02 ng/ul m

RT: 29.60 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG018542.D

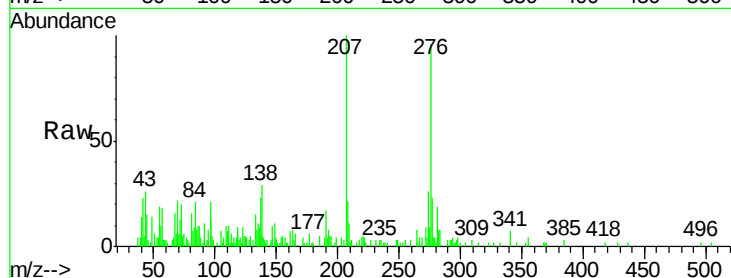
Acq: 29 Aug 2015 18:46

Instrument :

BNA_G

ClientSampleId :

BCTJ1



Tgt Ion:	276	Resp:	36999
Ion Ratio	Lower	Upper	
276	100		
138	30.3	16.5	24.7#
277	23.7	19.0	28.6

Manual Integrations
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