

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
 Data File : BG019468.D
 Acq On : 4 Nov 2015 1:13
 Operator : UM/NP
 Sample : G4211-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7H2

Manual Integrations
 APPROVED

Mmdadoda
 11/4/2015 5:27:13 PM

Quant Time: Nov 04 02:33:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 04 02:23:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	32913	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	136313	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	108912	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	288793	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	388508	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	364762	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3424	4.98	ng/uL	0.00
5) Phenol-d5	7.33	99	74269	24.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	56392	29.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	48185	25.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	54849	22.79	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	27735	27.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	34388	28.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	62533	24.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	66182	25.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	245156	27.30	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	279300	28.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	26097	18.29	ng/ul	0.00
58) Fluorene-d10	15.79	176	226640	27.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	34881	18.66	ng/ul	0.00
71) Anthracene-d10	17.65	188	379418m	28.82	ng/ul	0.00
79) Pyrene-d10	19.92	212	455824	26.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	515319	28.15	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.25	163	99374	10.82 ng/ul#	98
70) Phenanthrene	17.59	178	20096	1.38 ng/ul	94
77) Fluoranthene	19.60	202	19346	1.03 ng/ul#	91
85) Chrysene	21.88	228	31392	1.48 ng/ul#	80

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

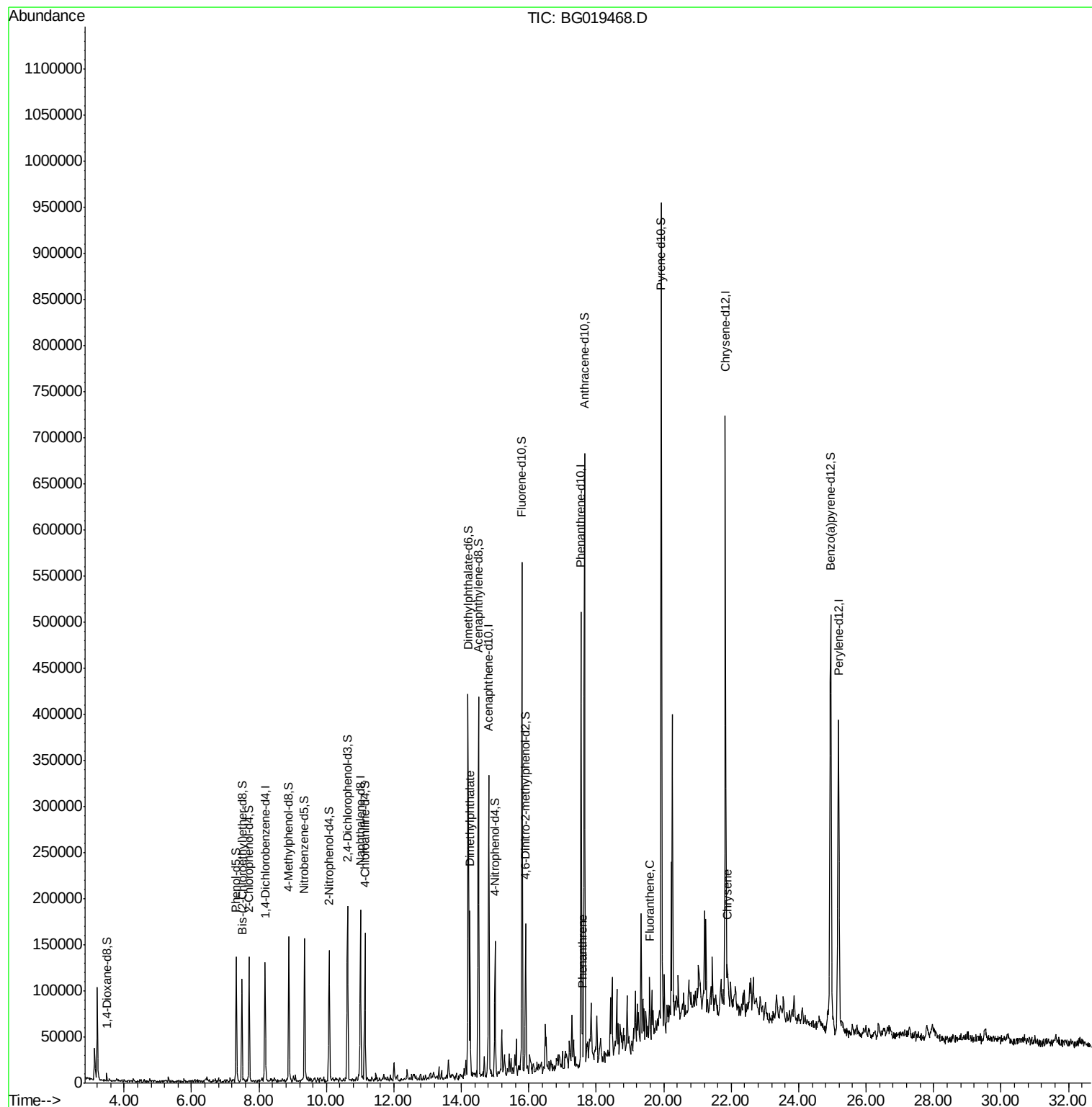
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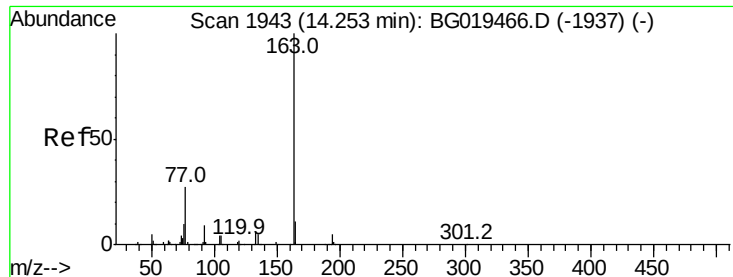
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#45

Dimethylphthalate

Concen: 10.82 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG019468.D

Acq: 4 Nov 2015 1:13

Instrument :

BNA_G

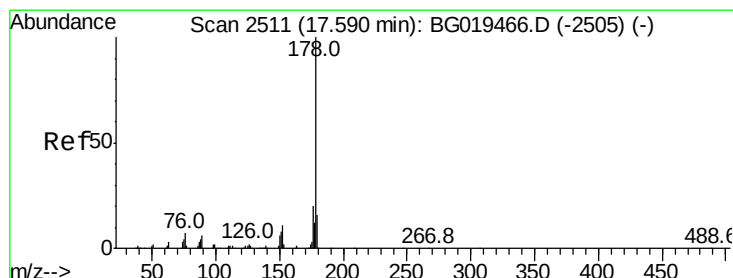
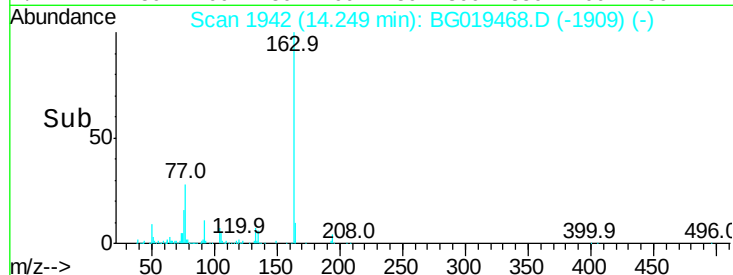
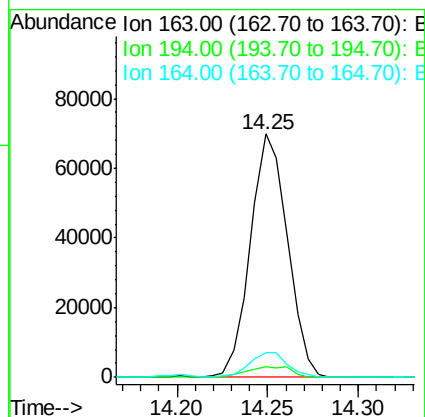
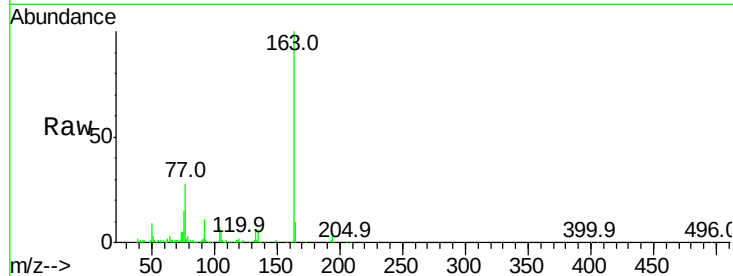
ClientSampleId :

BC7H2

Tot Ion:	163	Resp:	99374
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.3	6.5#
164	9.9	7.5	11.3

Manual Integrations
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#70

Phenanthrene

Concen: 1.38 ng/ul

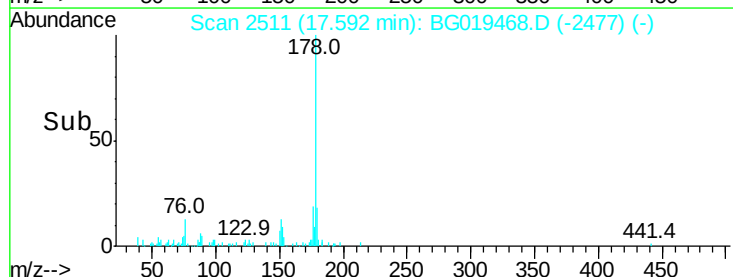
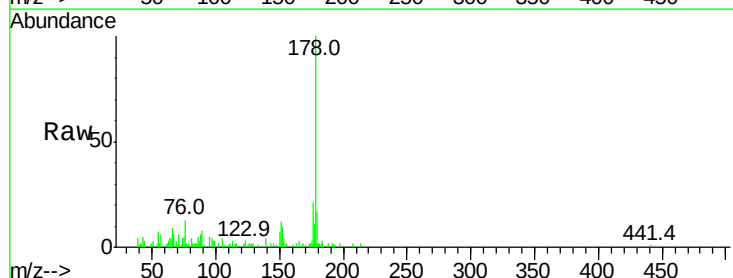
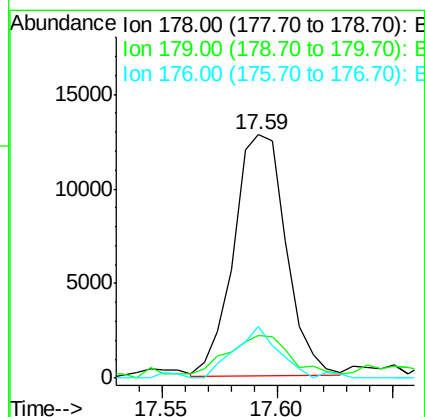
RT: 17.59 min Scan# 2511

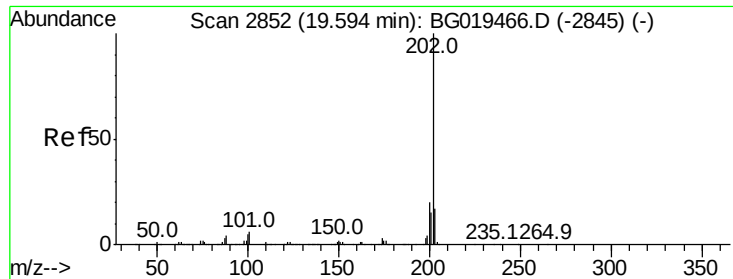
Delta R.T. 0.00 min

Lab File: BG019468.D

Acq: 4 Nov 2015 1:13

Tgt Ion:	178	Resp:	20096
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.6	18.8
176	21.0	14.3	21.5





#77

Fluoranthene

Concen: 1.03 ng/ul

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG019468.D

Acq: 4 Nov 2015 1:13

Instrument :

BNA_G

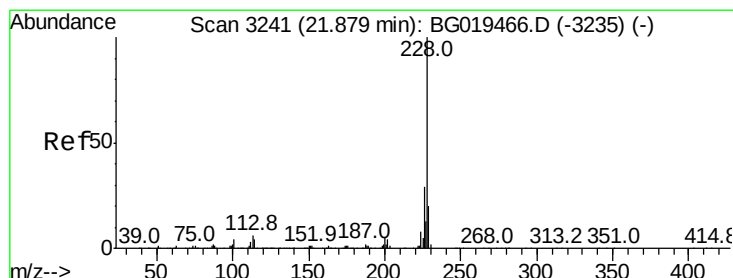
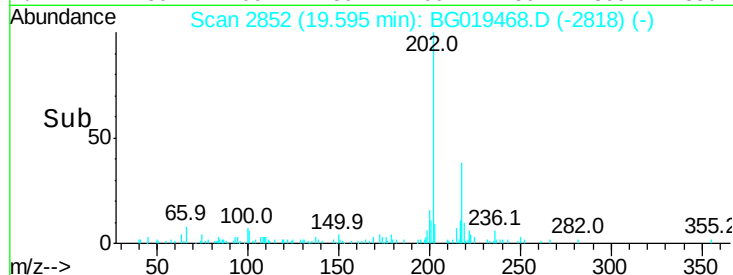
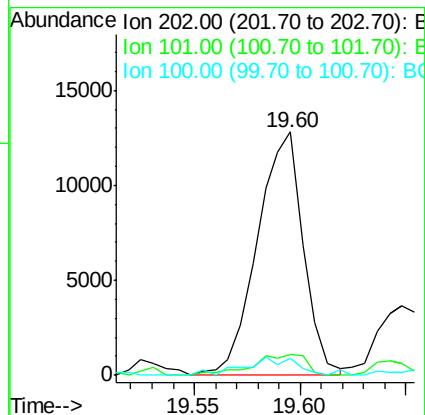
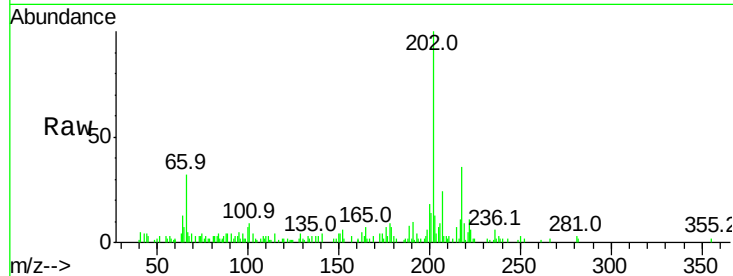
ClientSampleId :

BC7H2

Tot Ion:	202	Resp:	19346
Ion Ratio	Lower	Upper	
202	100		
101	8.5	4.0	6.0#
100	6.8	3.6	5.4#

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#85

Chrysene

Concen: 1.48 ng/ul

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG019468.D

Acq: 4 Nov 2015 1:13

Tgt Ion:	228	Resp:	31392
Ion Ratio	Lower	Upper	
228	100		
226	27.9	24.6	36.8
229	41.4	17.3	25.9#

