

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018218.D
 Acq On : 1 Aug 2015 13:23
 Operator : TP/UM
 Sample : G3073-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R1

Manual Integrations
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 8/4/2015 12:24:47 PM

Quant Time: Aug 03 05:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	60607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	265739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	163864	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	301320m	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	233944m	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	234656	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.97	96	1817	2.26	ng/uL	0.00
5) Phenol-d5	6.68	99	90401	16.59	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	45574	16.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	75421	18.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	70852	15.96	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	41581	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	39455	16.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	80284	18.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	65893	12.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	240945	19.03	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	259851	17.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	28050	11.97	ng/ul	0.02
58) Fluorene-d10	15.16	176	176495	15.40	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	2398	1.14	ng/ul	0.01
71) Anthracene-d10	17.01	188	218846	16.70	ng/ul	0.00
79) Pyrene-d10	19.33	212	163501m	14.45	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	158923	13.39	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.62	163	111791	8.87	ng/ul	97
70) Phenanthrene	16.96	178	15652	1.02	ng/ul	99
77) Fluoranthene	18.99	202	32887m	1.96	ng/ul	
80) Pyrene	19.36	202	31910m	2.25	ng/ul	
83) Benzo(a)anthracene	21.11	228	17627	1.40	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	39743	5.11	ng/ul	91
85) Chrysene	21.16	228	22622m	1.96	ng/ul	
88) Benzo(b)fluoranthene	22.65	252	34063	2.42	ng/ul	97
89) Benzo(k)fluoranthene	22.65	252	34231	2.64	ng/ul	96
91) Benzo(a)pyrene	23.21	252	18871	1.50	ng/ul#	90

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

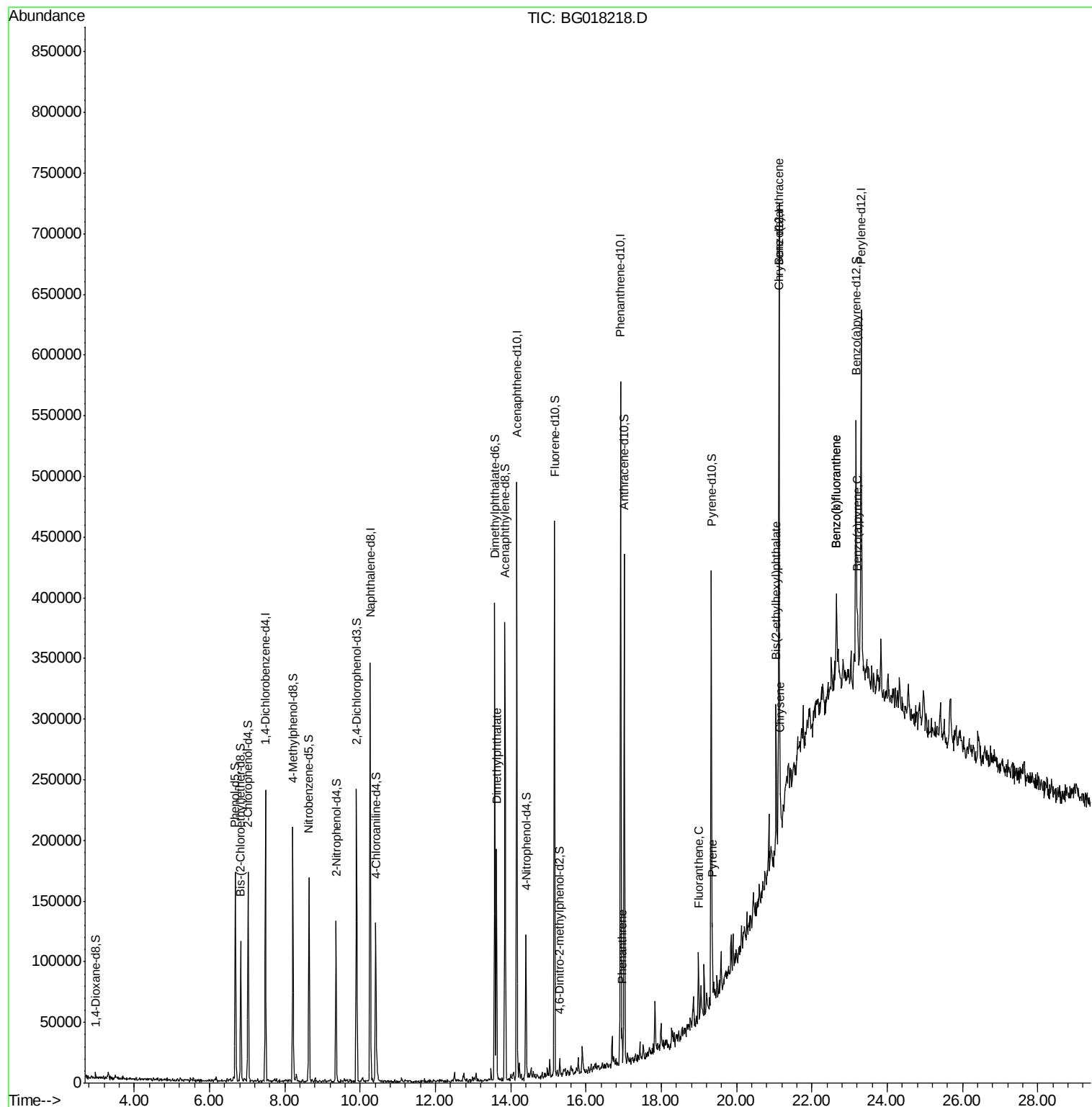
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018218.D
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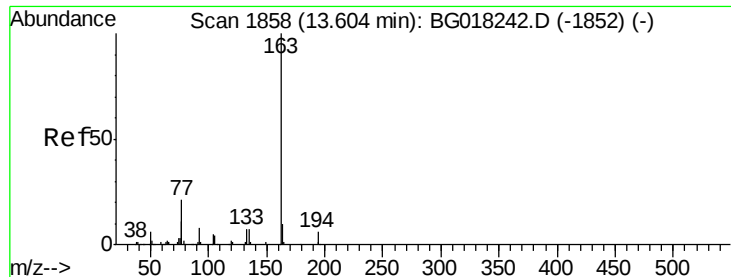
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 03 05:37:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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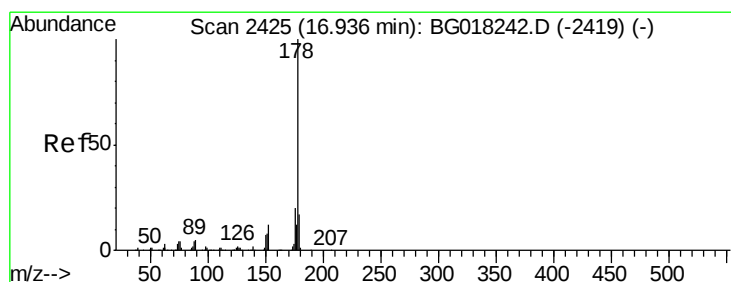
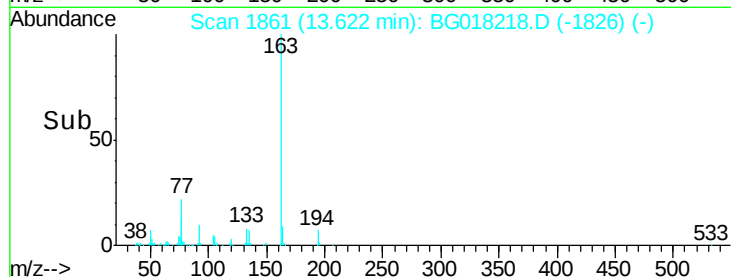
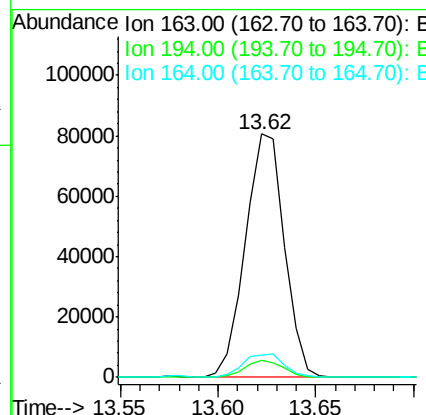
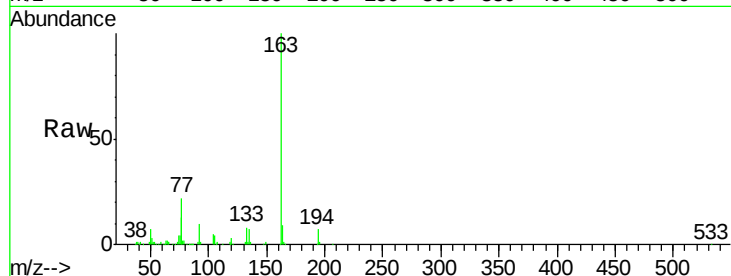
#45
Dimethylphthalate
Concen: 8.87 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018218.D
Acq: 1 Aug 2015 13:23

Instrument :
BNA_G
ClientSampled :
C01R1

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	111791		
194	7.0	5.2	7.8	
164	9.0	8.4	12.6	

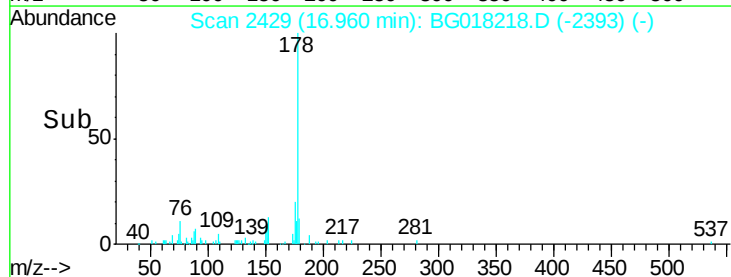
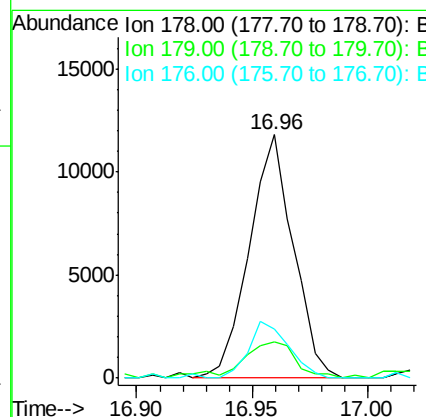
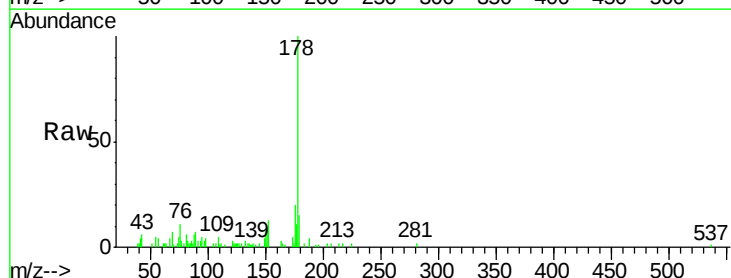
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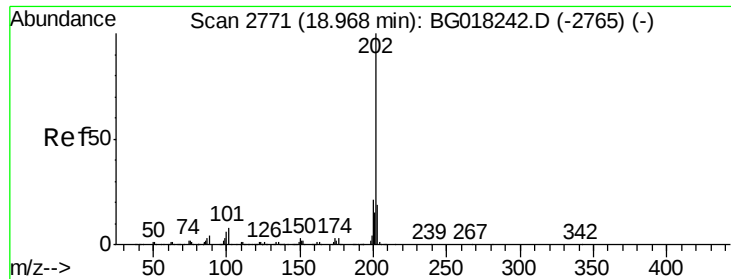
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#70
Phenanthrene
Concen: 1.02 ng/ul
RT: 16.96 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG018218.D
Acq: 1 Aug 2015 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	15652		
179	14.9	12.8	19.2	
176	19.9	16.0	24.0	





#77

Fluoranthene

Concen: 1.96 ng/ul m

RT: 18.99 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

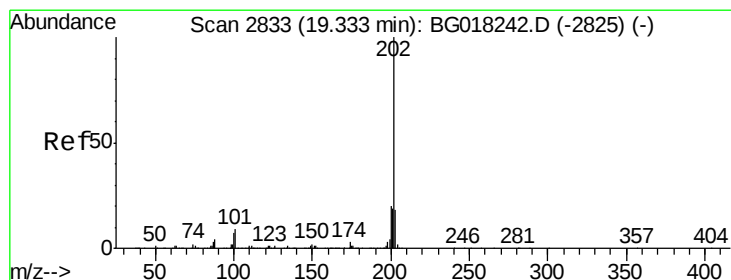
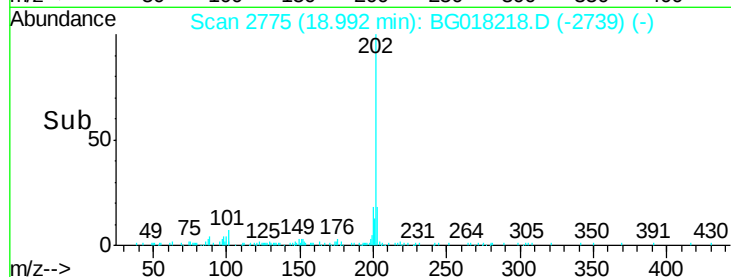
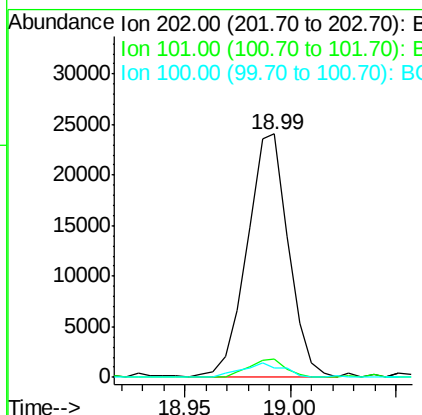
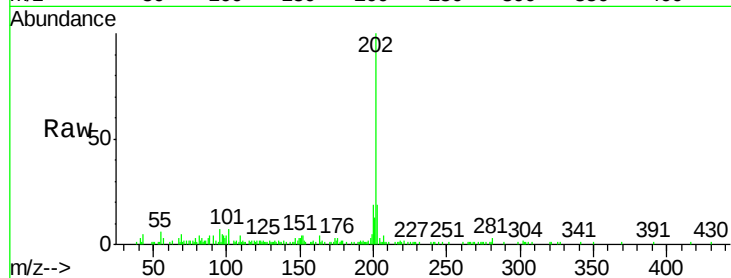
ClientSampleId :

C01R1

Tgt Ion:	202	Resp:	32887
Ion Ratio	Lower	Upper	
202	100		
101	7.3	7.5	11.3#
100	3.6	5.5	8.3#

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#80

Pyrene

Concen: 2.25 ng/ul m

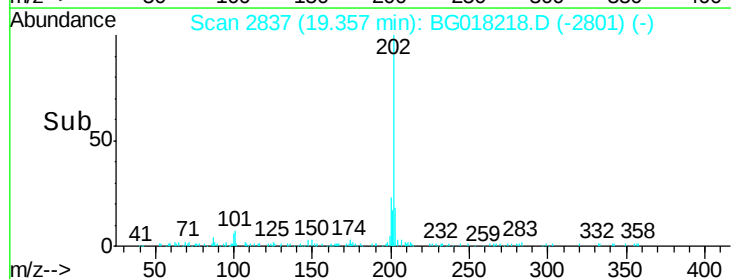
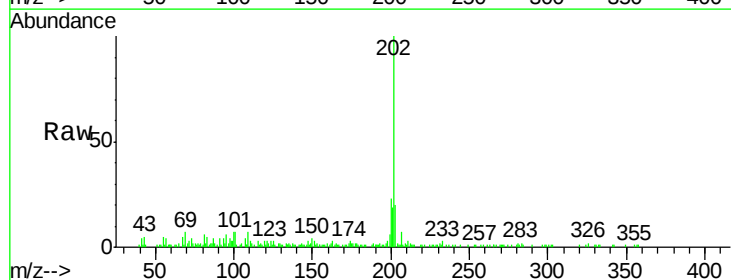
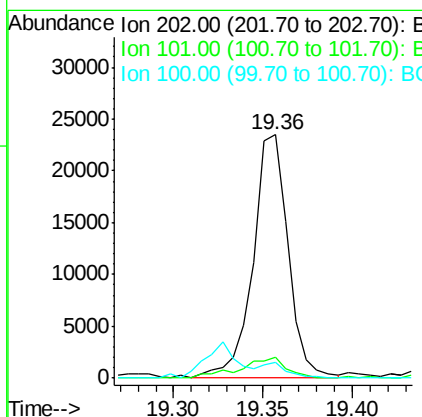
RT: 19.36 min Scan# 2837

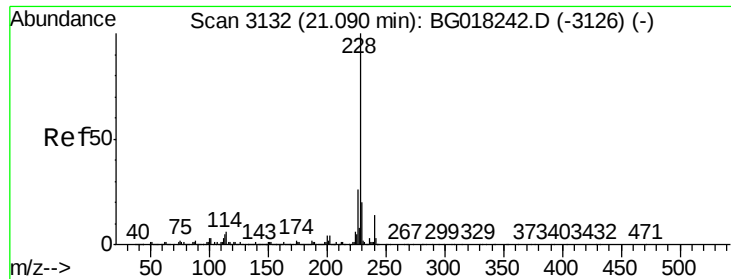
Delta R.T. 0.01 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Tgt Ion:	202	Resp:	31910
Ion Ratio	Lower	Upper	
202	100		
101	7.4	8.1	12.1#
100	6.5	7.4	11.0#





#83

Benzo(a)anthracene

Concen: 1.40 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. 0.02 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

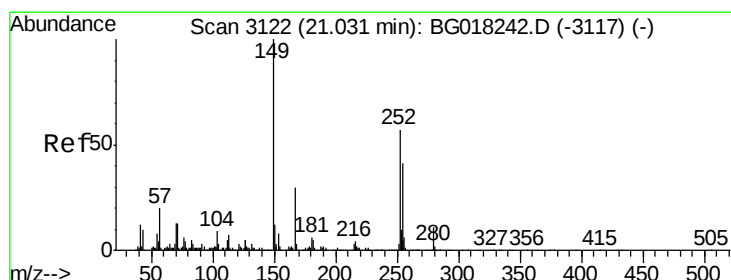
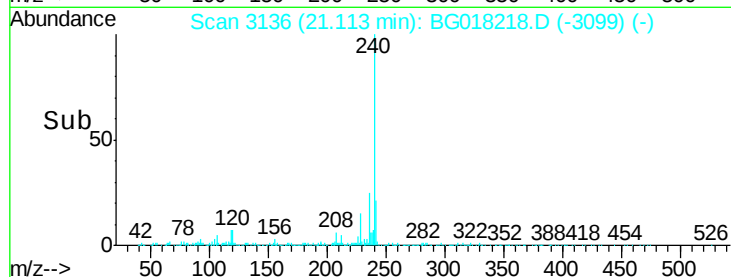
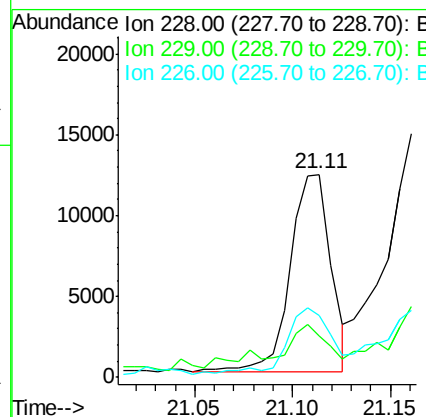
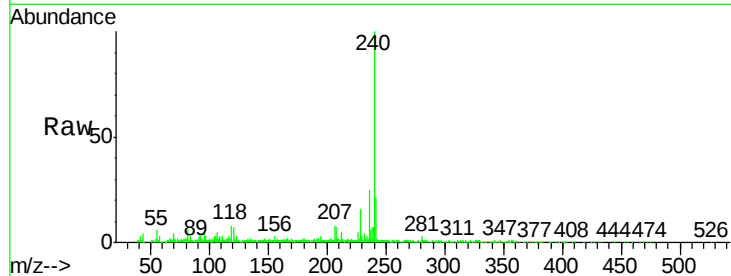
ClientSampleId :

C01R1

Tgt Ion:	228	Resp:	17627
Ion Ratio	Lower	Upper	
228	100		
229	20.6	16.5	24.7
226	30.3	21.5	32.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 5.11 ng/ul

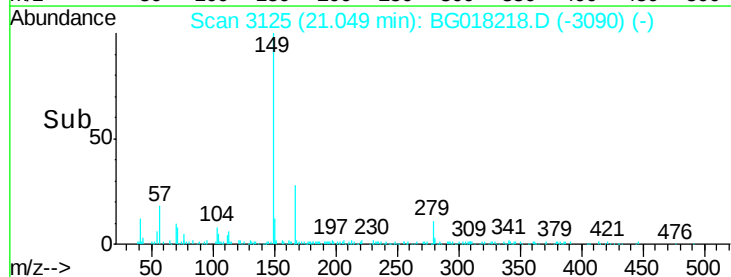
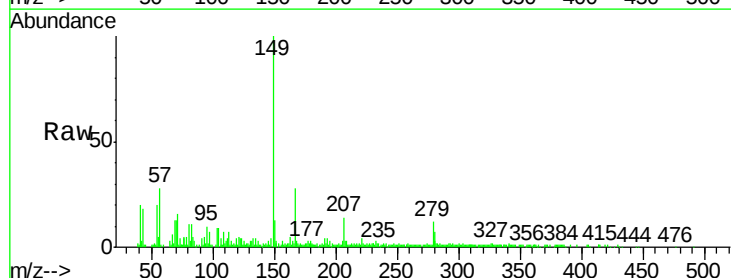
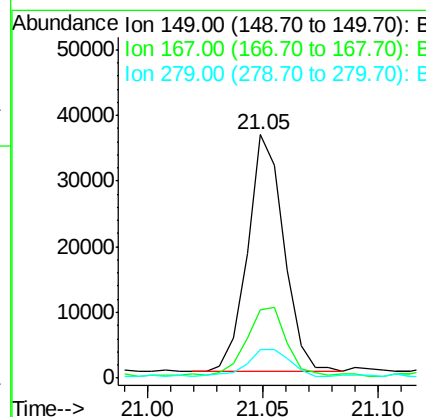
RT: 21.05 min Scan# 3125

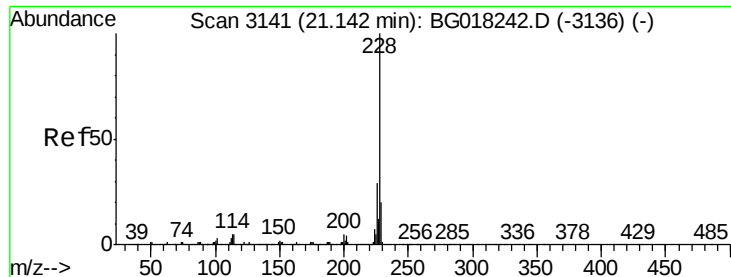
Delta R.T. 0.01 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Tgt Ion:	149	Resp:	39743
Ion Ratio	Lower	Upper	
149	100		
167	28.3	27.4	41.2
279	11.8	8.3	12.5





#85

Chrysene

Concen: 1.96 ng/ul m

RT: 21.16 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG018218.D

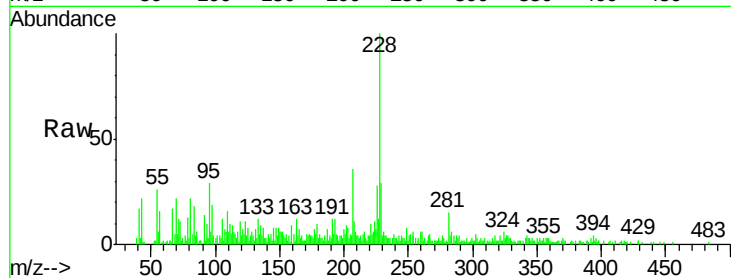
Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

ClientSampleId :

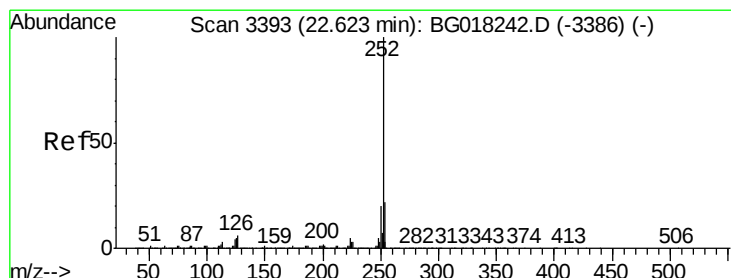
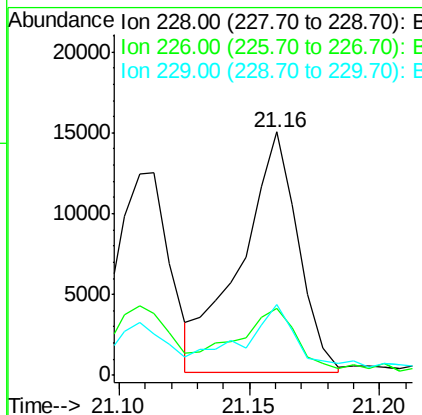
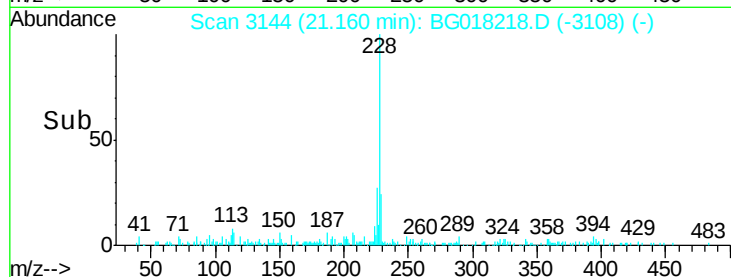
C01R1



Tgt Ion:	228	Resp:	22622
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.7	34.1
229	29.3	16.2	24.2#

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#88

Benzo(b)fluoranthene

Concen: 2.42 ng/ul

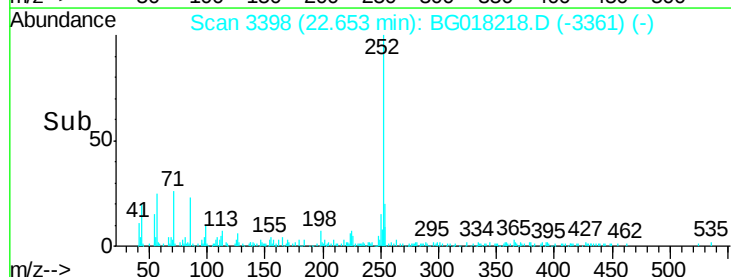
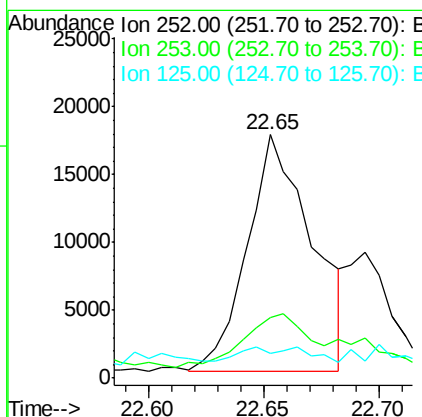
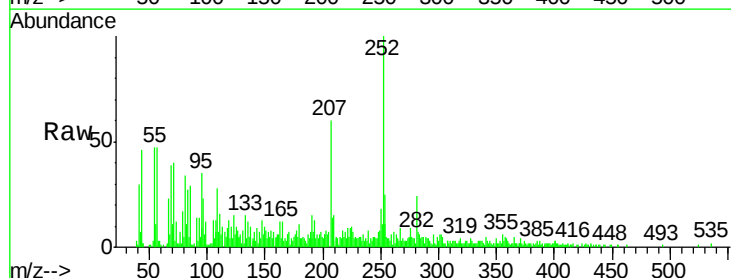
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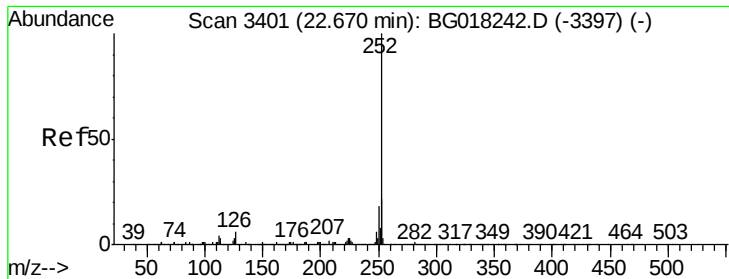
Delta R.T. 0.02 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Tgt Ion:	252	Resp:	34063
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.5	27.7
125	10.3	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 2.64 ng/ul

RT: 22.65 min Scan# 3398

Delta R.T. -0.02 min

Lab File: BG018218.D

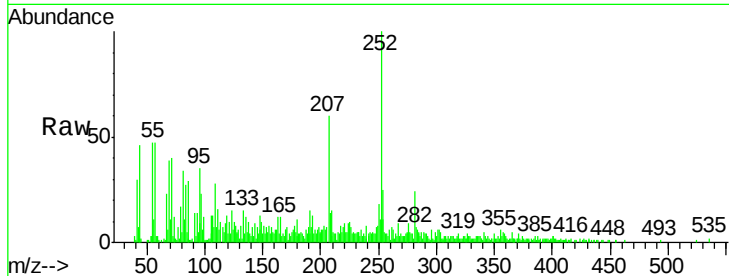
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Instrument :

BNA_G

ClientSampleId :

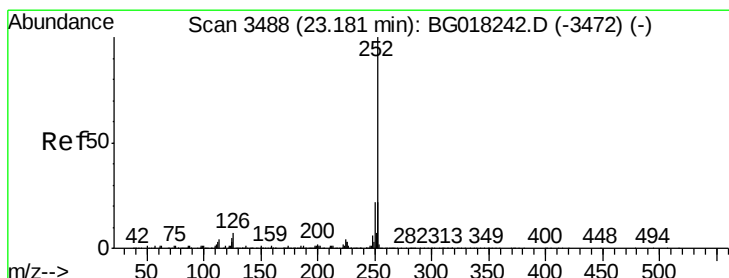
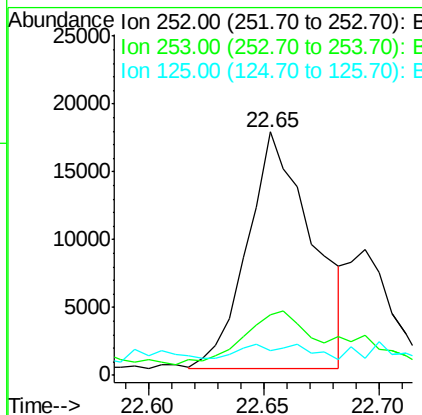
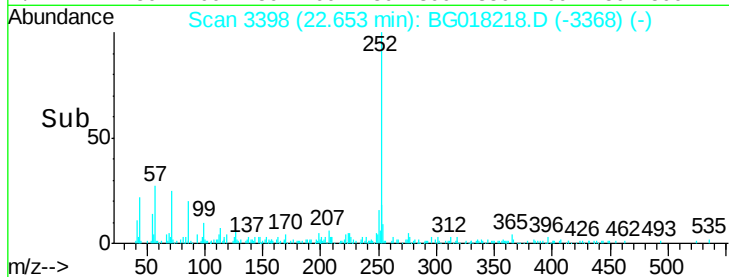
C01R1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	10.3	7.5	11.3

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#91

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 23.21 min Scan# 3493

Delta R.T. 0.02 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.2
125	14.3	7.3	10.9#

