

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
 Data File : BG018239.D
 Acq On : 2 Aug 2015 22:50
 Operator : TP
 Sample : G3073-13RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R1RE

Manual Integrations
 APPROVED

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 8/4/2015 12:20:46 PM

Quant Time: Aug 03 07:52:11 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	111218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	464978	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	294659	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	547312	20.00	ng/ul	0.02
78) Chrysene-d12	21.13	240	383256	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	327581	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	3912	2.66	ng/uL	0.00
5) Phenol-d5	6.69	99	153656	15.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	75607	14.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	135788	17.98	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	123843	15.21	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	70628	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	72046	17.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	145714	19.61	ng/ul	0.02
29) 4-Chloroaniline-d4	10.41	131	110725	11.96	ng/ul	0.01
44) Dimethylphthalate-d6	13.57	166	433862	19.05	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	465712	17.64	ng/ul	0.01
52) 4-Nitrophenol-d4	14.41	143	50155	11.90	ng/ul	0.03
58) Fluorene-d10	15.16	176	324457	15.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.31	200	5964	1.56	ng/ul	0.02
71) Anthracene-d10	17.02	188	400154	16.81	ng/ul	0.01
79) Pyrene-d10	19.33	212	291616	15.73	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.17	264	230918	13.94	ng/ul	0.03

Target Compounds

						Qvalue
45) Dimethylphthalate	13.62	163	195233	8.62	ng/ul	99
70) Phenanthrene	16.96	178	28770m	1.03	ng/ul	
77) Fluoranthene	18.99	202	60721	1.99	ng/ul#	93
80) Pyrene	19.36	202	55203	2.37	ng/ul#	90
83) Benzo(a)anthracene	21.11	228	27456	1.33	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.05	149	63590	4.99	ng/ul	96
85) Chrysene	21.16	228	31029	1.64	ng/ul#	87
88) Benzo(b)fluoranthene	22.66	252	46678m	2.37	ng/ul	
89) Benzo(k)fluoranthene	22.69	252	19223m	1.06	ng/ul	
91) Benzo(a)pyrene	23.22	252	24286	1.38	ng/ul#	73

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

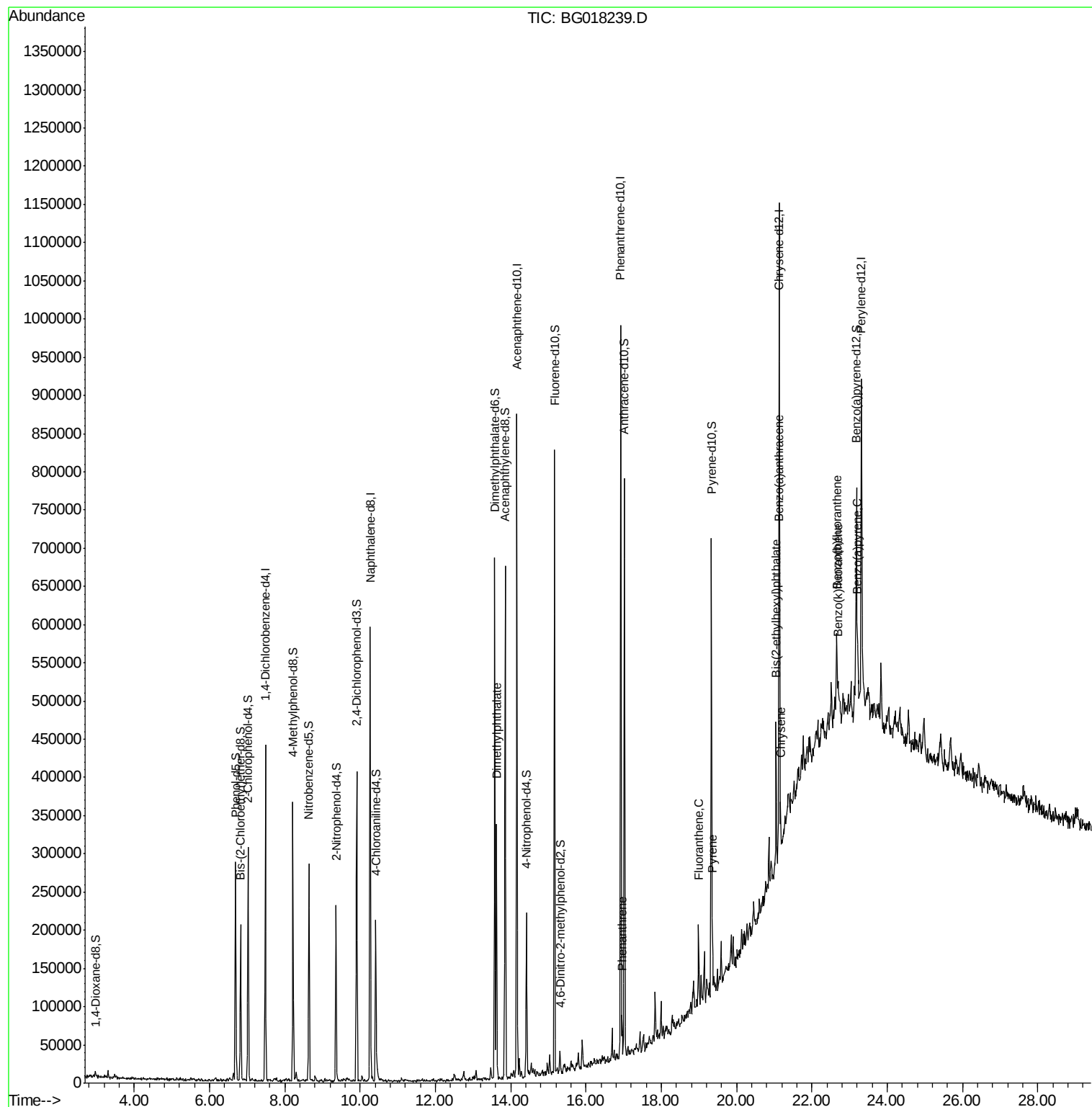
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018239.D
Acq On : 2 Aug 2015 22:50
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Misc :
ALS Vial : 38 Sample Multiplier: 1

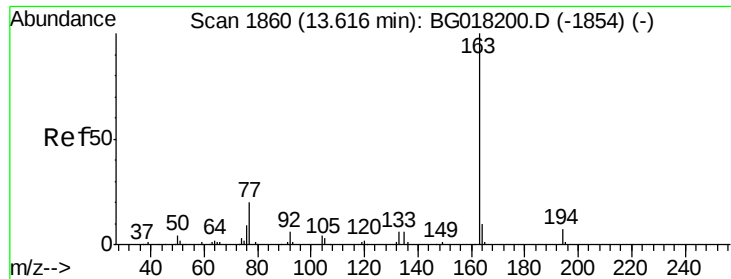
Instrument :
BNA_G
ClientSampleId :
C01R1RE

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Quant Time: Aug 03 07:52:11 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





#45

Dimethylphthalate

Concen: 8.62 ng/ul

RT: 13.62 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG018239.D

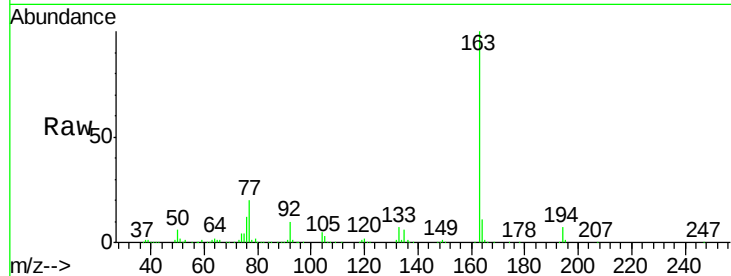
Acq: 2 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

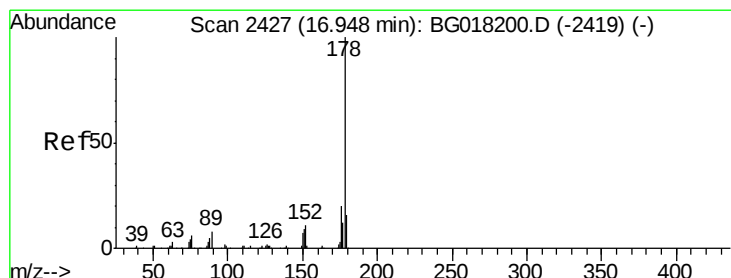
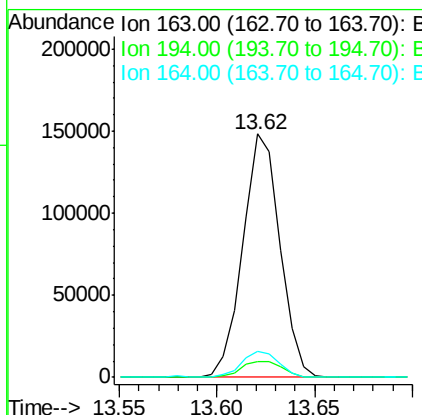
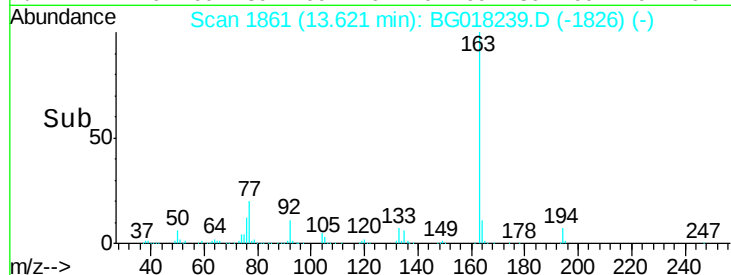
C01R1RE



Tgt Ion:	163	Resp:	195233
Ion Ratio	Lower	Upper	
163	100		
194	6.6	5.2	7.8
164	10.8	8.4	12.6

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#70

Phenanthrene

Concen: 1.03 ng/ul m

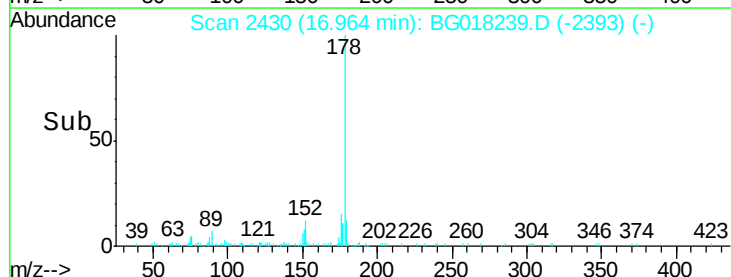
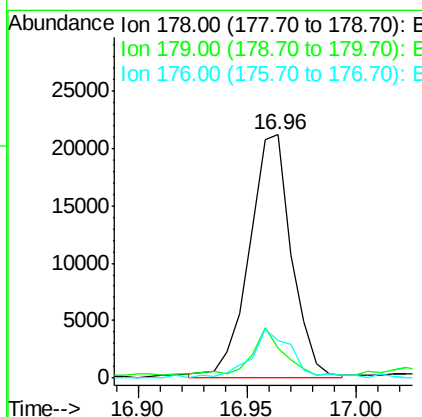
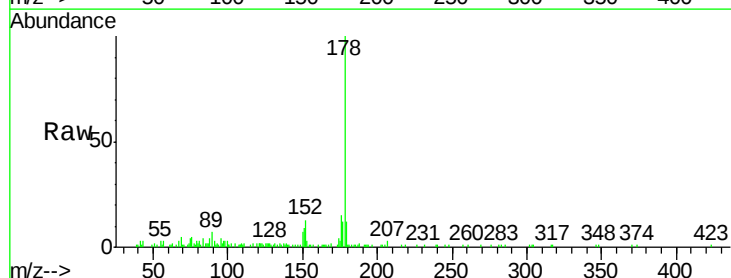
RT: 16.96 min Scan# 2430

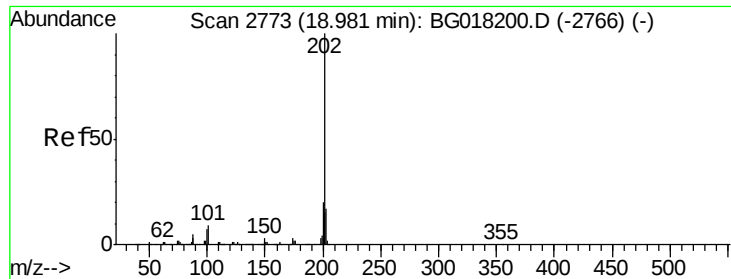
Delta R.T. 0.02 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

Tgt Ion:	178	Resp:	28770
Ion Ratio	Lower	Upper	
178	100		
179	12.1	12.8	19.2#
176	15.2	16.0	24.0#





#77

Fluoranthene

Concen: 1.99 ng/ul

RT: 18.99 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG018239.D

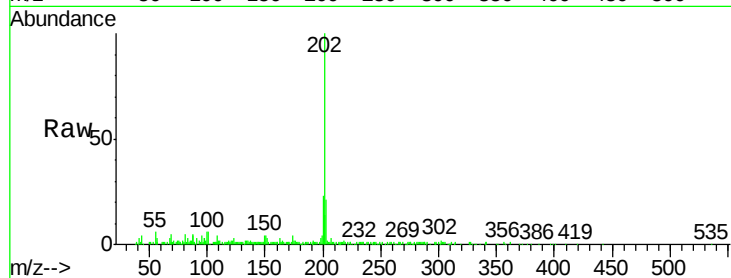
Acq: 2 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

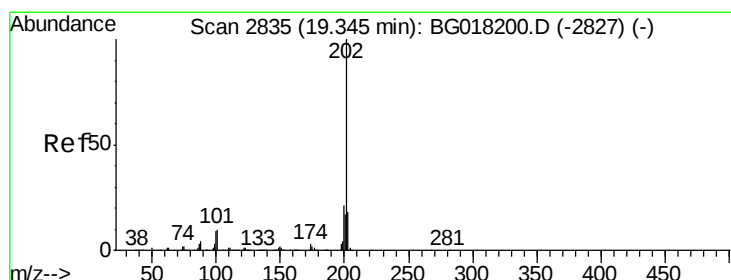
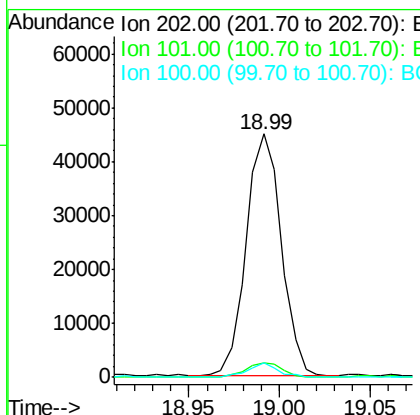
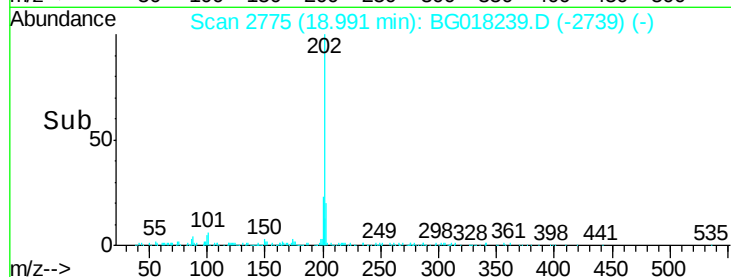
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	60721		
101	6.1	7.5	11.3#	
100	5.7	5.5	8.3	

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#80

Pyrene

Concen: 2.37 ng/ul

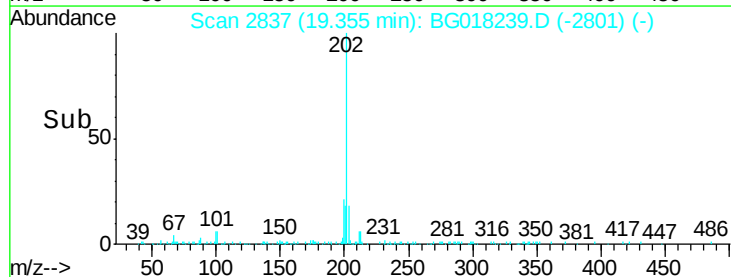
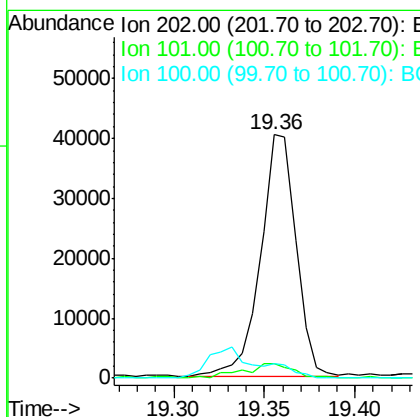
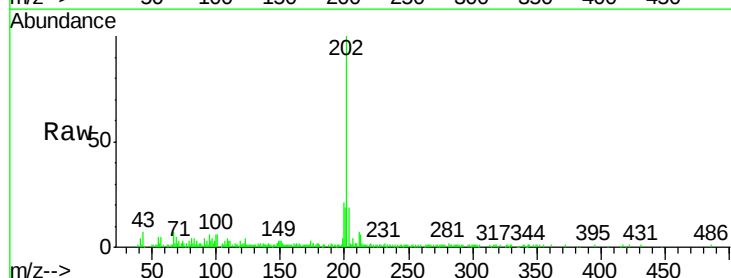
RT: 19.36 min Scan# 2837

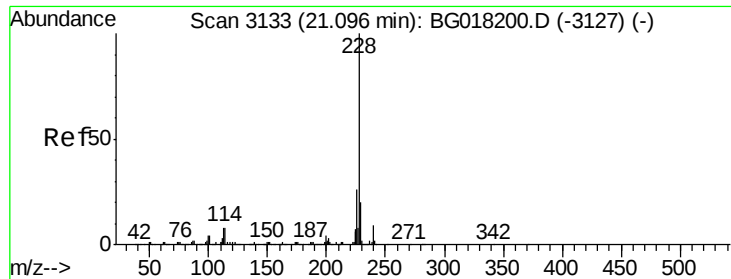
Delta R.T. 0.01 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	55203		
101	6.1	8.1	12.1#	
100	6.0	7.4	11.0#	





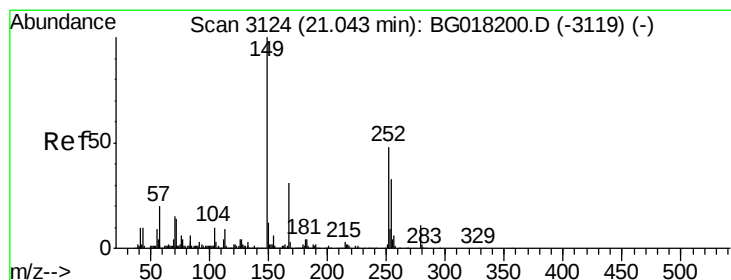
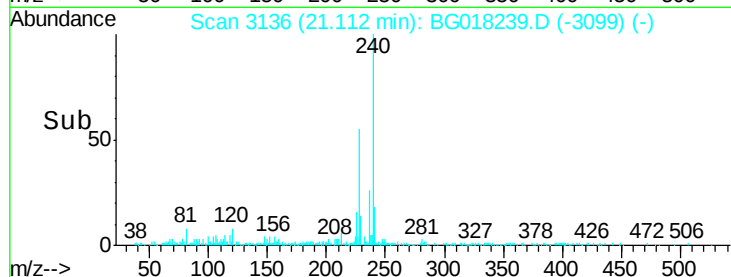
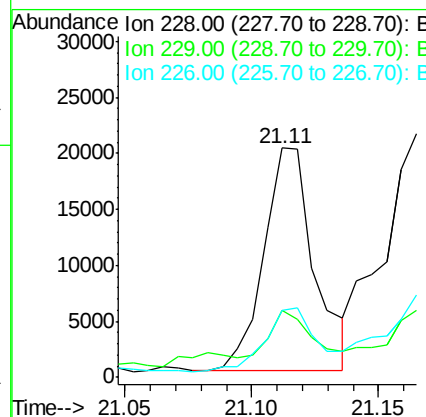
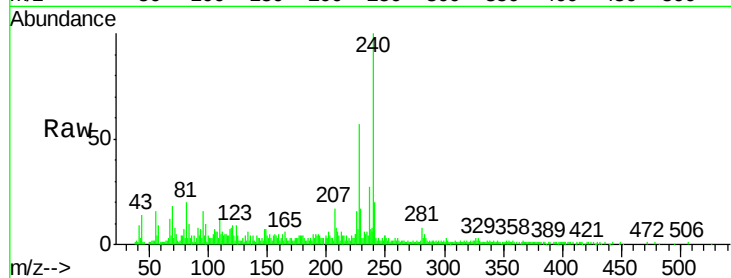
#83
Benzo(a)anthracene
Concen: 1.33 ng/ul
RT: 21.11 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BG018239.D
Acq: 2 Aug 2015 22:50

Instrument :
BNA_G
ClientSampleId :
C01R1RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.3	16.5	24.7#
226	29.0	21.5	32.3

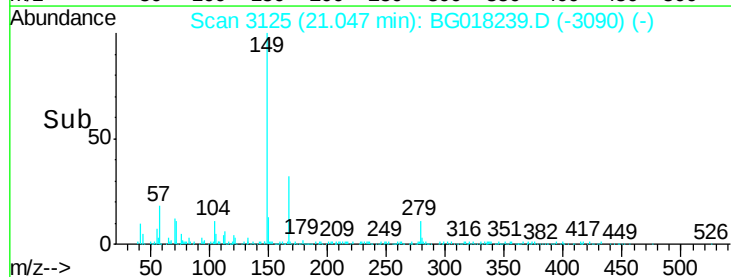
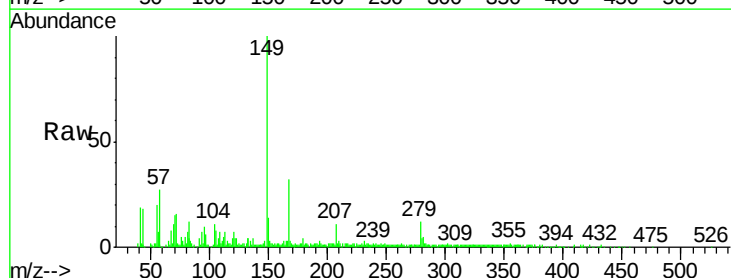
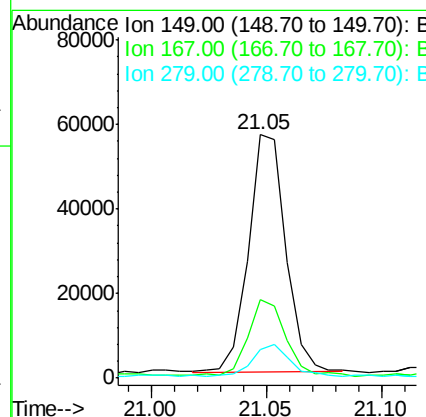
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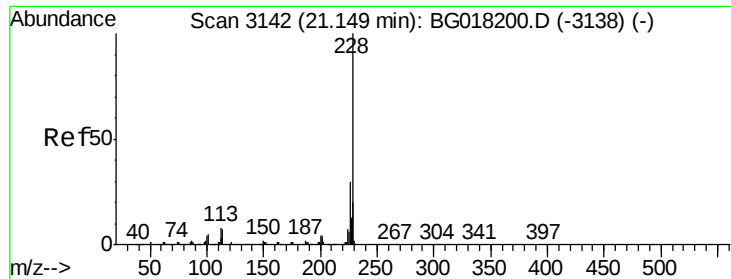
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.99 ng/ul
RT: 21.05 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG018239.D
Acq: 2 Aug 2015 22:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	27.4	41.2
279	11.9	8.3	12.5





#85

Chrysene

Concen: 1.64 ng/ul

RT: 21.16 min Scan# 3145

Delta R.T. 0.02 min

Lab File: BG018239.D

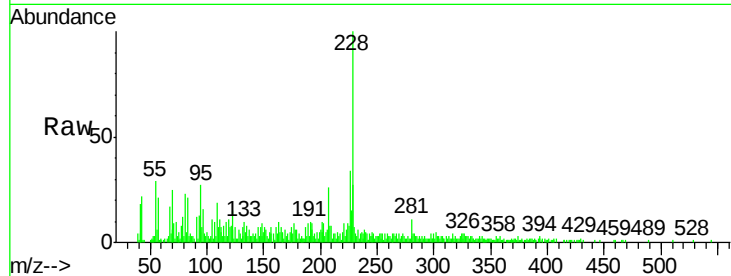
Acq: 2 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

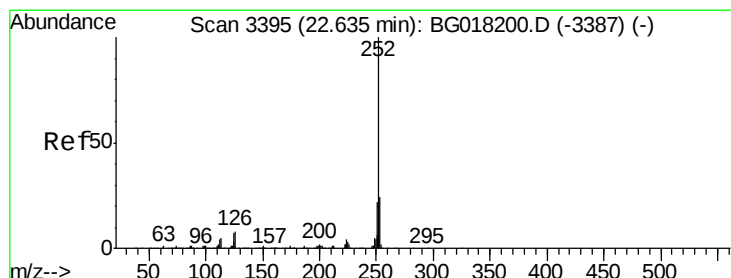
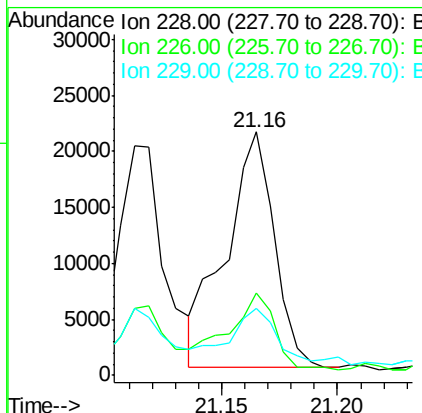
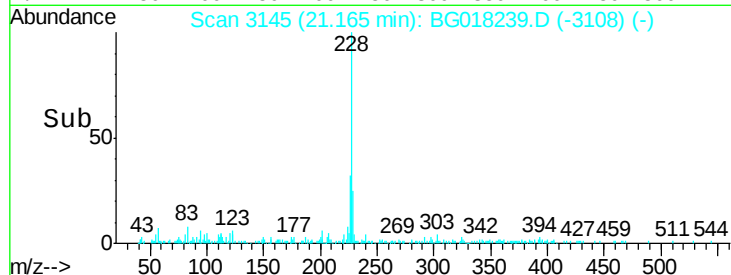
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.7	34.1
229	27.5	16.2	24.2

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#88

Benzo(b)fluoranthene

Concen: 2.37 ng/ul m

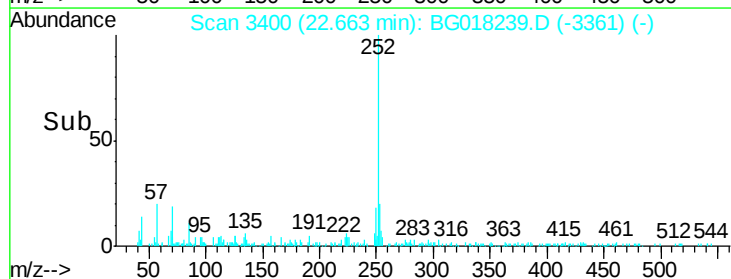
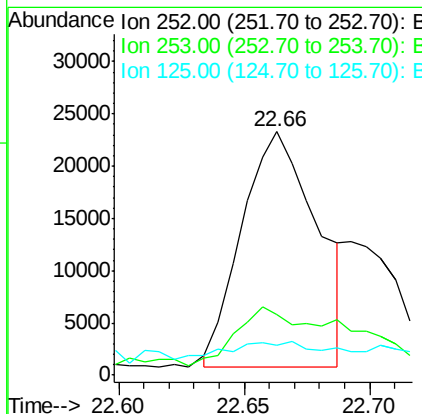
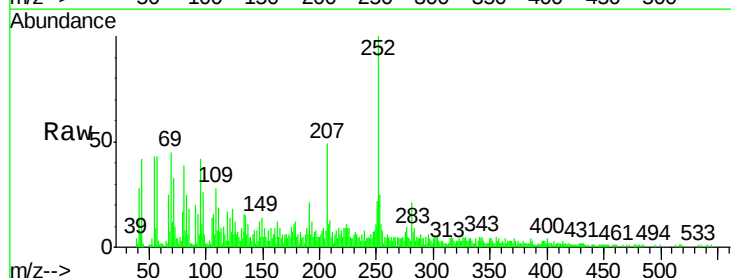
RT: 22.66 min Scan# 3400

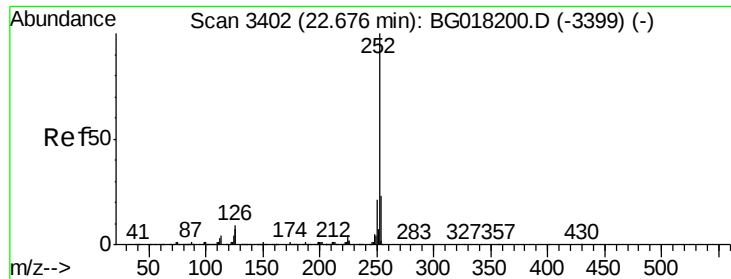
Delta R.T. 0.03 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	12.4	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 1.06 ng/ul m

RT: 22.69 min Scan# 3405

Delta R.T. 0.02 min

Lab File: BG018239.D

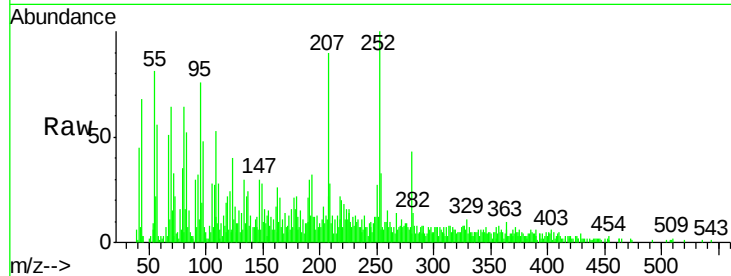
Acq: 2 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

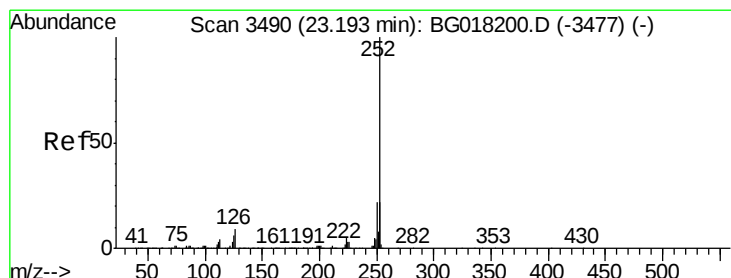
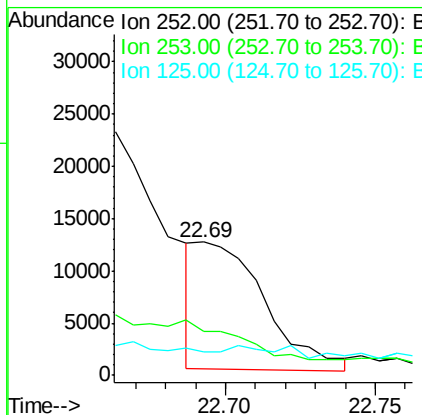
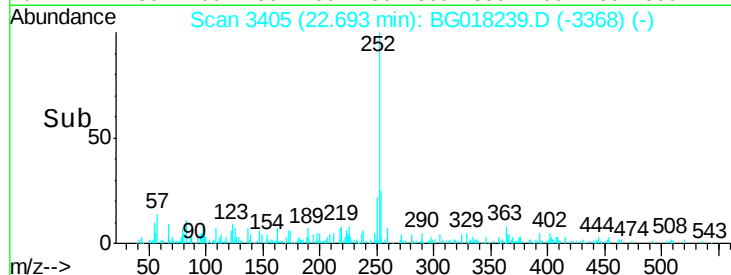
C01R1RE



Tgt Ion:	252	Resp:	19223
Ion Ratio	Lower	Upper	
252	100		
253	32.8	18.2	27.2#
125	17.3	7.5	11.3#

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#91

Benzo(a)pyrene

Concen: 1.38 ng/ul

RT: 23.22 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

Tgt Ion:	252	Resp:	24286
Ion Ratio	Lower	Upper	
252	100		
253	32.5	17.4	26.2#
125	23.1	7.3	10.9#

