

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019063.D
 Acq On : 7 Oct 2015 2:17
 Operator : UM/NP
 Sample : G3865-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY9

Manual Integrations
 APPROVED

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 10/7/2015 4:49:52 PM

Quant Time: Oct 07 08:53:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 07 01:38:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	104849	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	71168	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	162049	20.00	ng/ul	0.01
78) Chrysene-d12	21.70	240	179970	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	179395	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1950	3.78	ng/uL	0.00
5) Phenol-d5	7.21	99	42757	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	32767	25.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	36215	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	31788	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	20703	26.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	23492	28.81	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.47	165	43449	26.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	55302	27.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	150638	26.85	ng/ul	0.01
47) Acenaphthylene-d8	14.37	160	187931	27.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	22718	20.04	ng/ul	0.01
58) Fluorene-d10	15.67	176	136959	26.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	19471	22.15	ng/ul	0.01
71) Anthracene-d10	17.52	188	215361	28.22	ng/ul	0.00
79) Pyrene-d10	19.80	212	229336	27.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	252032	27.46	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.12	163	74717	13.04	ng/ul	99
70) Phenanthrene	17.46	178	16229	1.78	ng/ul	98
77) Fluoranthene	19.47	202	28779	2.71	ng/ul#	95
80) Pyrene	19.83	202	22559	2.08	ng/ul	98
83) Benzo(a)anthracene	21.68	228	11897	1.15	ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.59	149	8462	1.42	ng/ul#	99
85) Chrysene	21.74	228	12821m	1.31	ng/ul	
88) Benzo(b)fluoranthene	23.90	252	18176	1.72	ng/ul#	83
91) Benzo(a)pyrene	24.79	252	11015	1.08	ng/ul#	70

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

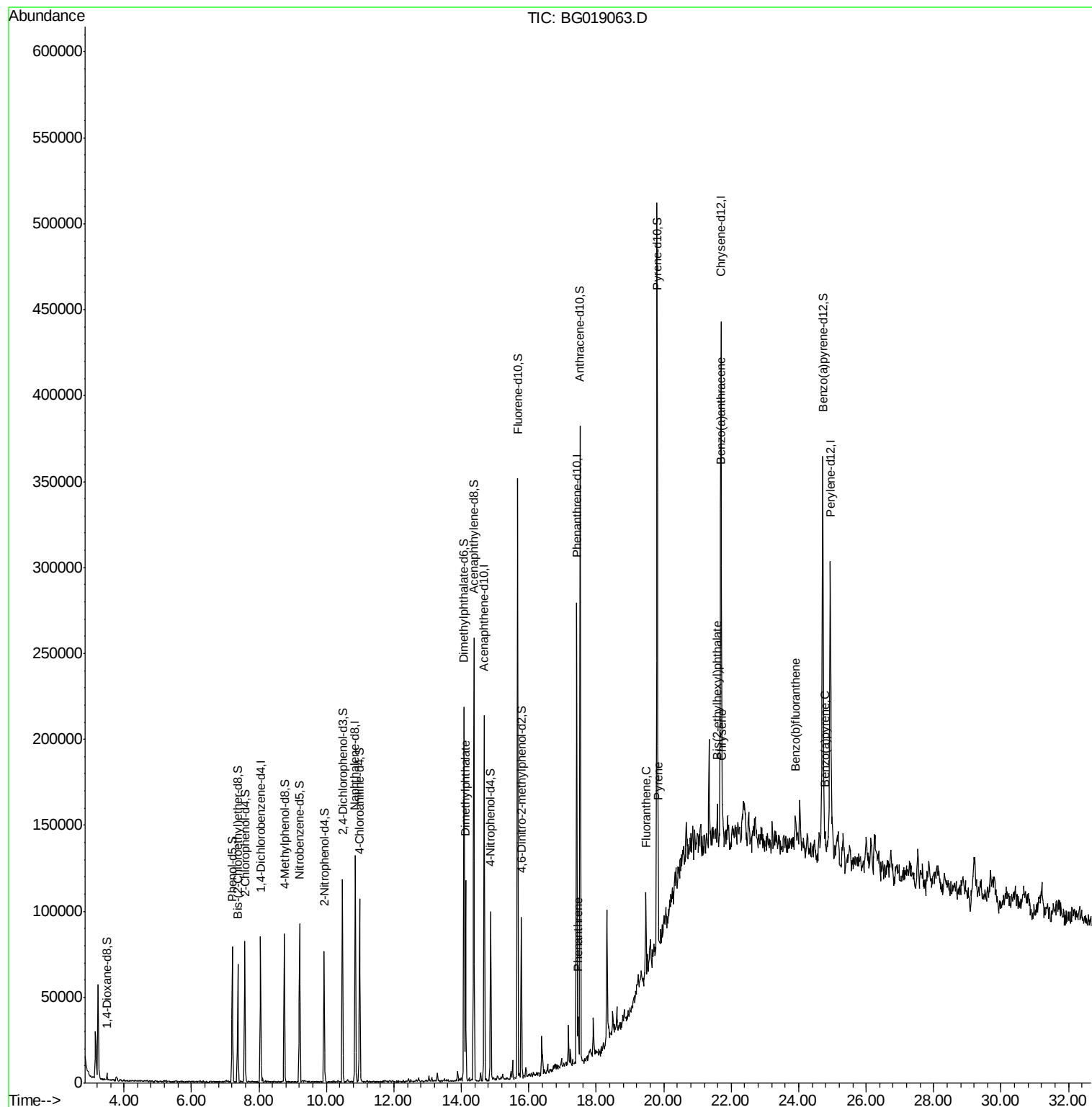
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019063.D
Acq On : 7 Oct 2015 2:17
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Sample : G3865-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

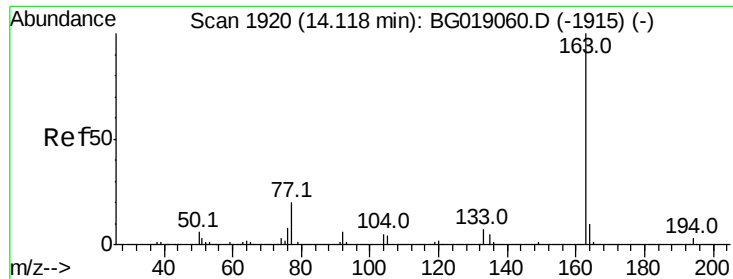
Instrument :
BNA_G
ClientSampleId :
E5MY9

Manual Integrations
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Quant Time: Oct 07 08:53:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 01:38:48 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 13.04 ng/ul

RT: 14.12 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Instrument :

BNA_G

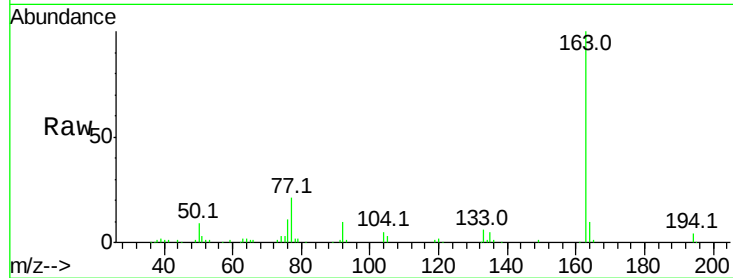
ClientSampleId :

E5MY9

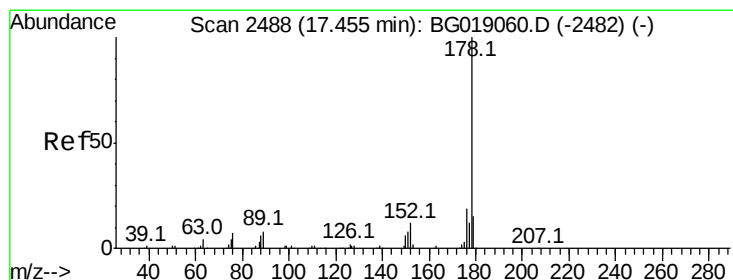
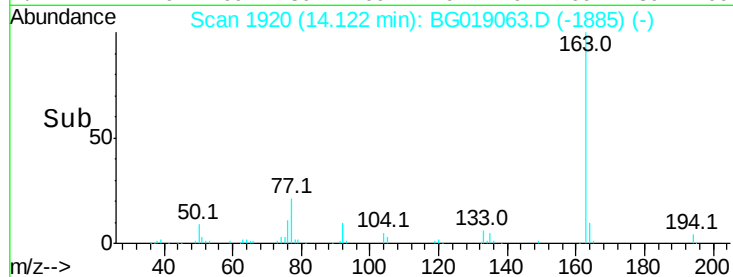
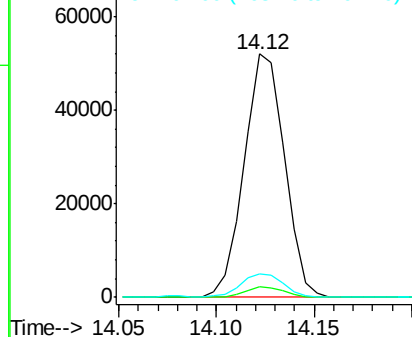
Tot Ion:	163	Resp:	74717
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	9.6	8.1	12.1

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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: 1.78 ng/ul

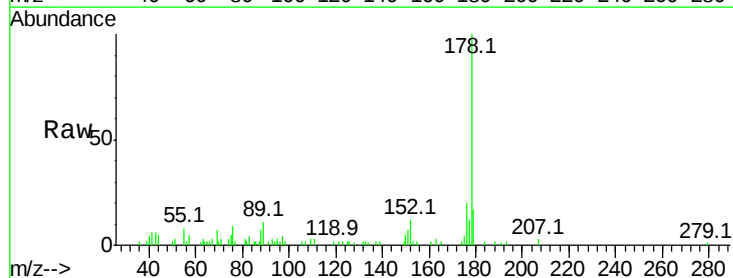
RT: 17.46 min Scan# 2488

Delta R.T. 0.00 min

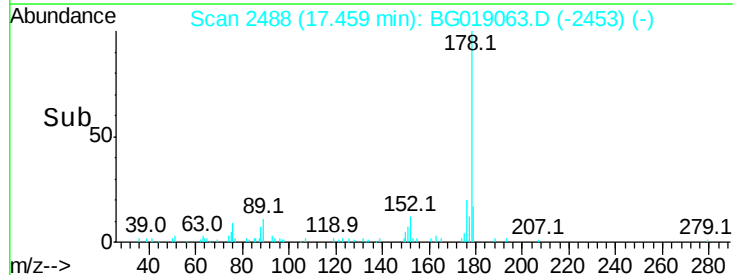
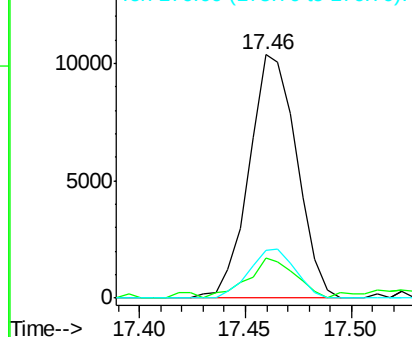
Lab File: BG019063.D

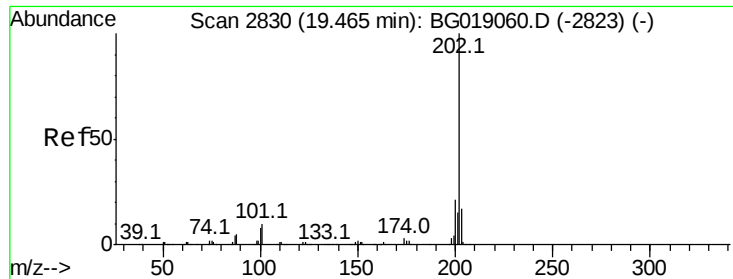
Acq: 7 Oct 2015 2:17

Tgt Ion:	178	Resp:	16229
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.5	18.7
176	19.7	15.4	23.0



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: 2.71 ng/ul

RT: 19.47 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Instrument :

BNA_G

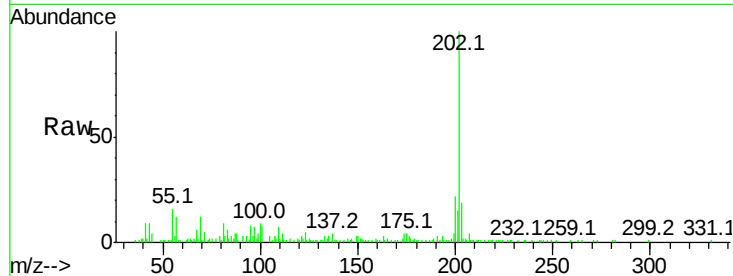
ClientSampled :

E5MY9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	9.0	13.4#
100	9.2	6.9	10.3

Manual Integrations
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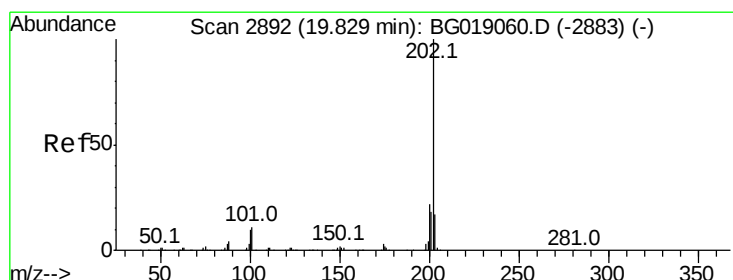
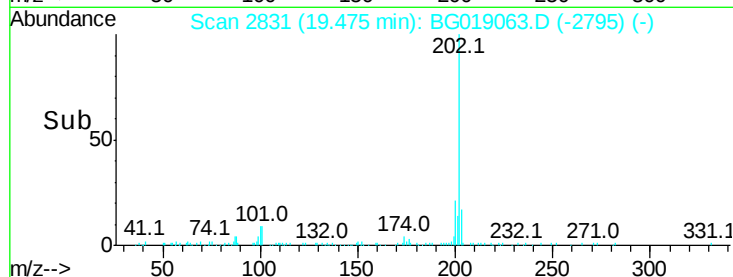
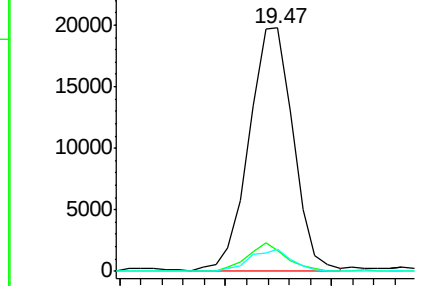
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 2.08 ng/ul

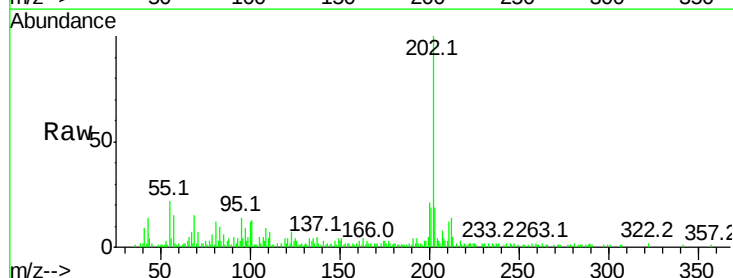
RT: 19.83 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

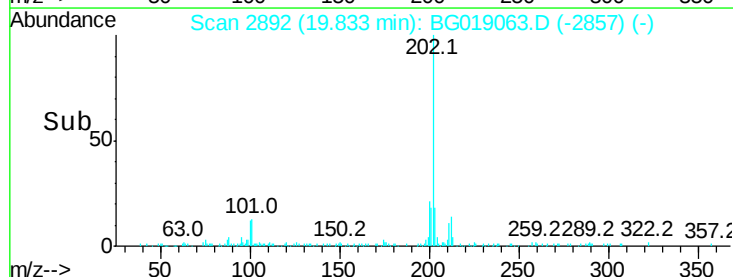
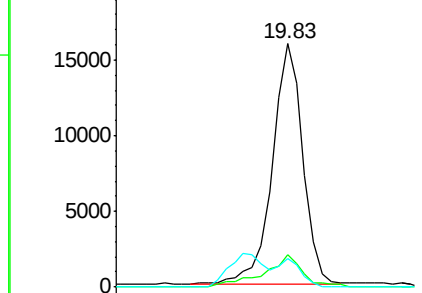
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	10.2	15.2
100	11.5	8.5	12.7

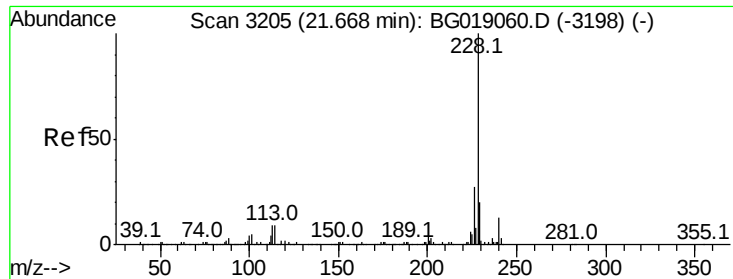


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.15 ng/ul

RT: 21.68 min Scan# 3206

Delta R.T. 0.01 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Instrument :

BNA_G

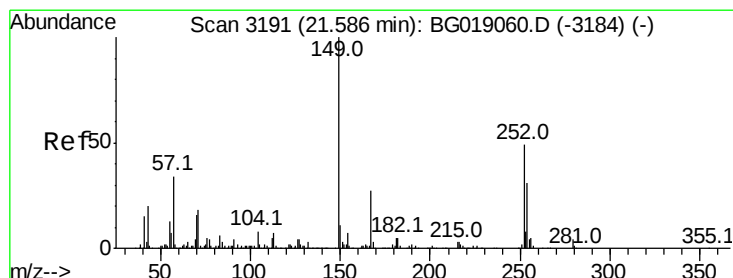
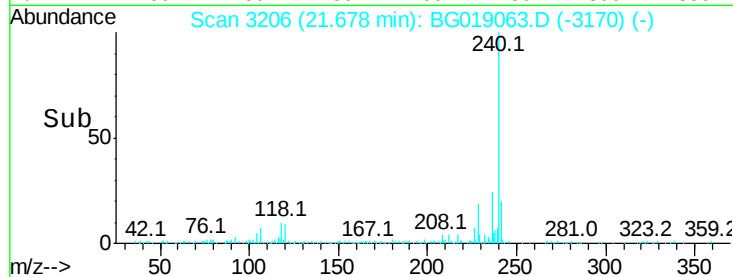
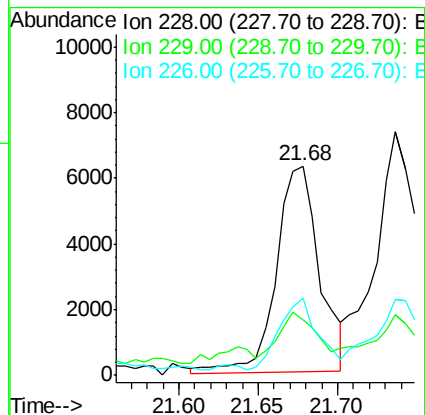
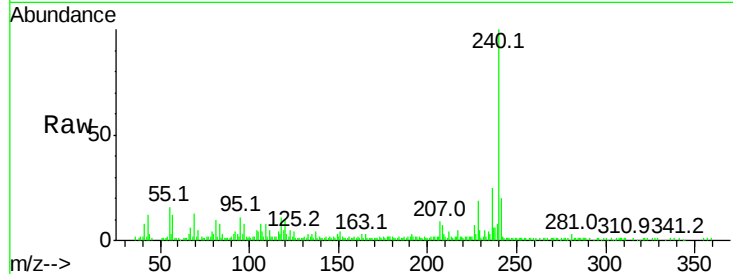
ClientSampled :

E5MY9

Tot Ion:	228	Resp:	11897
Ion Ratio	Lower	Upper	
228	100		
229	26.6	16.6	24.8#
226	36.7	22.8	34.2#

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.42 ng/ul

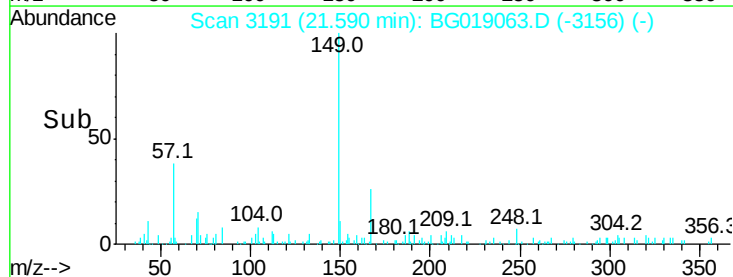
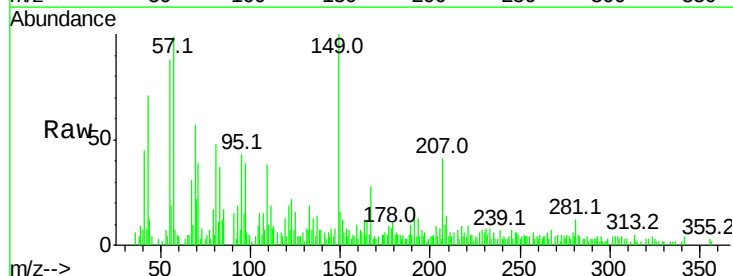
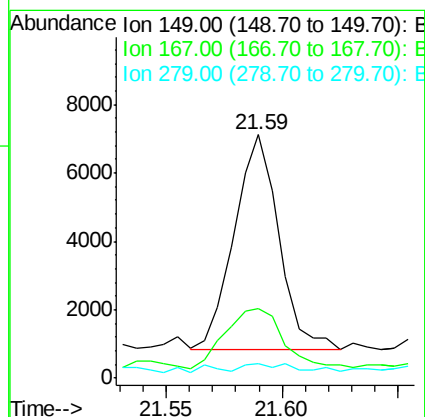
RT: 21.59 min Scan# 3191

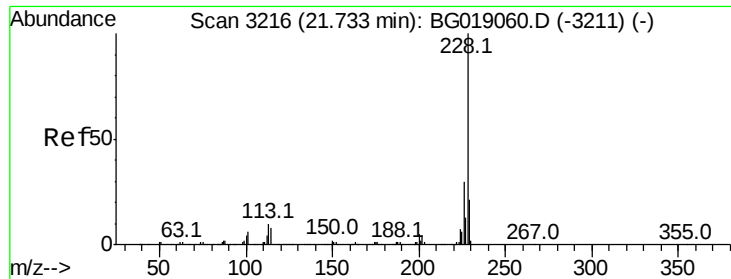
Delta R.T. 0.00 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Tgt Ion:	149	Resp:	8462
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.8	34.2
279	5.8	3.3	4.9#





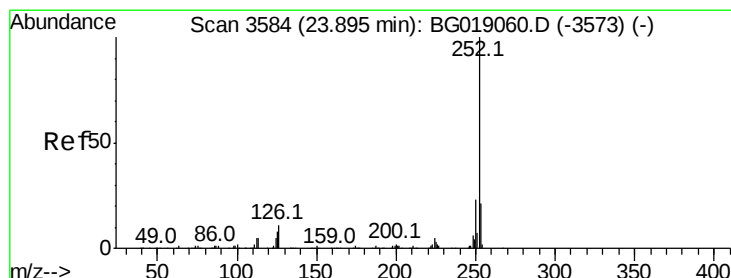
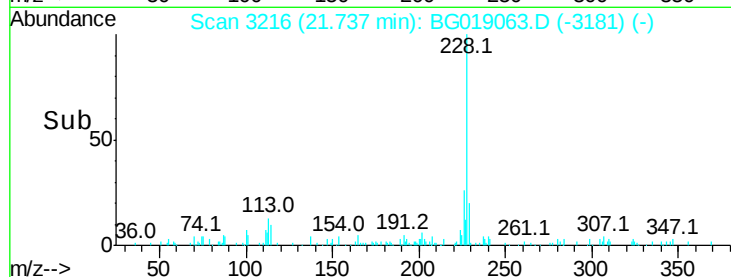
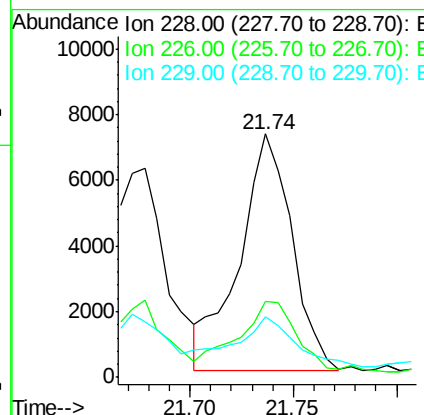
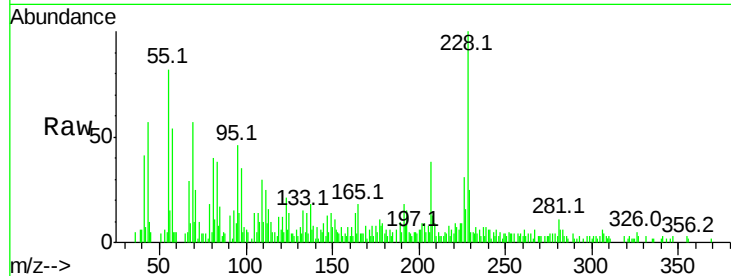
#85
Chrysene
Concen: 1.31 ng/ul m
RT: 21.74 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG019063.D
Acq: 7 Oct 2015 2:17

Instrument :
BNA_G
ClientSampled :
E5MY9

Tot Ion	Ratio	Resp	Lower	Upper
228	100	12821		
226	31.2		24.2	36.2
229	24.9		15.6	23.4

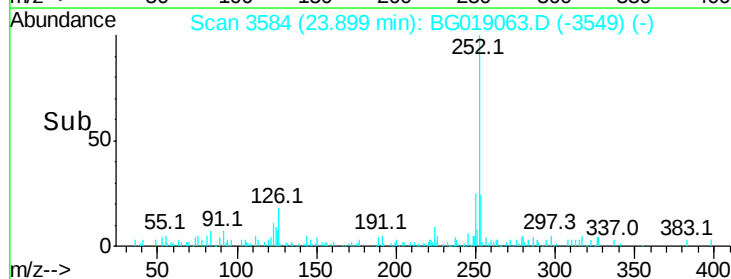
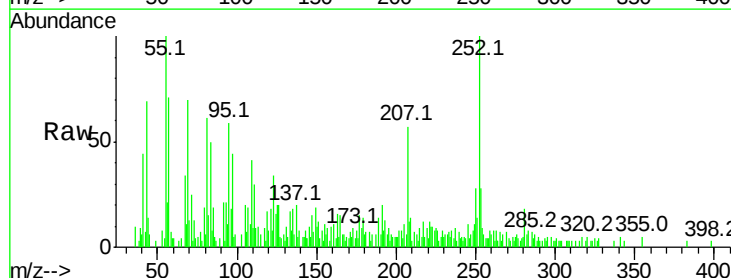
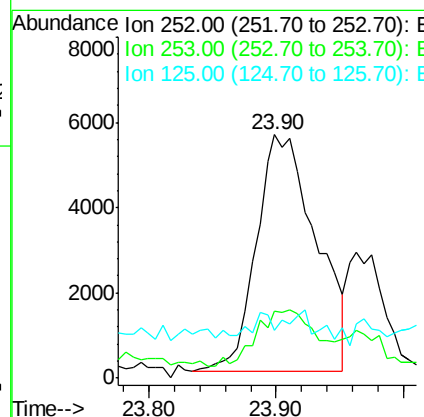
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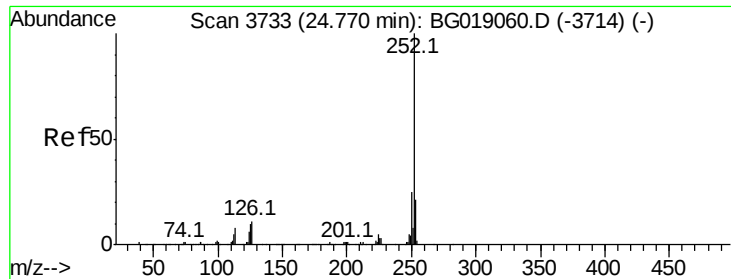
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#88
Benzo(b)fluoranthene
Concen: 1.72 ng/ul
RT: 23.90 min Scan# 3584
Delta R.T. 0.00 min
Lab File: BG019063.D
Acq: 7 Oct 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	18176		
253	27.8		17.4	26.2
125	19.7		8.1	12.1





#91

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 24.79 min Scan# 3735

Delta R.T. 0.02 min

Lab File: BG019063.D

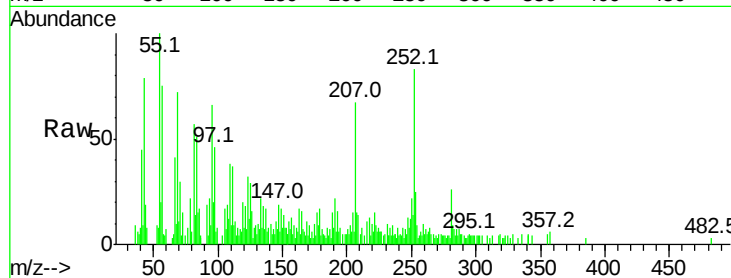
Acq: 7 Oct 2015 2:17

Instrument :

BNA_G

ClientSampleId :

E5MY9



Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.1	27.1#
125	34.6	9.4	14.2#

Manual Integrations
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