

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060216\
 Data File : BG022153.D
 Acq On : 2 Jun 2016 14:50
 Operator : UM/SJ
 Sample : H3302-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB202

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Quant Time: Jun 03 01:54:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 03 01:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	205086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	133405	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	287090	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	260282	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	250681	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.51	96	422	0.58	ng/uL	0.00
5) Phenol-d5	7.30	99	24110	7.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	13393	7.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	24425	8.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	23094	7.91	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	11597	7.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	13083m	7.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	22181	7.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	4116m	1.31	ng/ul	0.02
43) Dimethylphthalate-d6	14.15	166	84107	8.39	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	134610	9.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	324	0.19	ng/ul	0.03
57) Fluorene-d10	15.75	176	93698	9.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	2812	1.87	ng/ul	0.00
70) Anthracene-d10	17.60	188	141274	10.25	ng/ul	0.00
76) Pyrene-d10	19.88	212	143271	9.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	117645	10.11	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	14.21	163	20770	2.06	ng/ul#	97
69) Phenanthrene	17.55	178	62563	3.92	ng/ul	97
71) Anthracene	17.64	178	31496	1.95	ng/ul	98
74) Fluoranthene	19.55	202	146765	8.99	ng/ul	99
77) Pyrene	19.91	202	117397	6.41	ng/ul	99
80) Benzo(a)anthracene	21.76	228	81472	5.34	ng/ul	97
82) Chrysene	21.83	228	63133	4.31	ng/ul	97
85) Benzo(b)fluoranthene	24.04	252	69916m	4.77	ng/ul	
86) Benzo(k)fluoranthene	24.10	252	29238m	2.05	ng/ul	
88) Benzo(a)pyrene	24.93	252	51152	3.61	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	28546m	1.76	ng/ul	

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

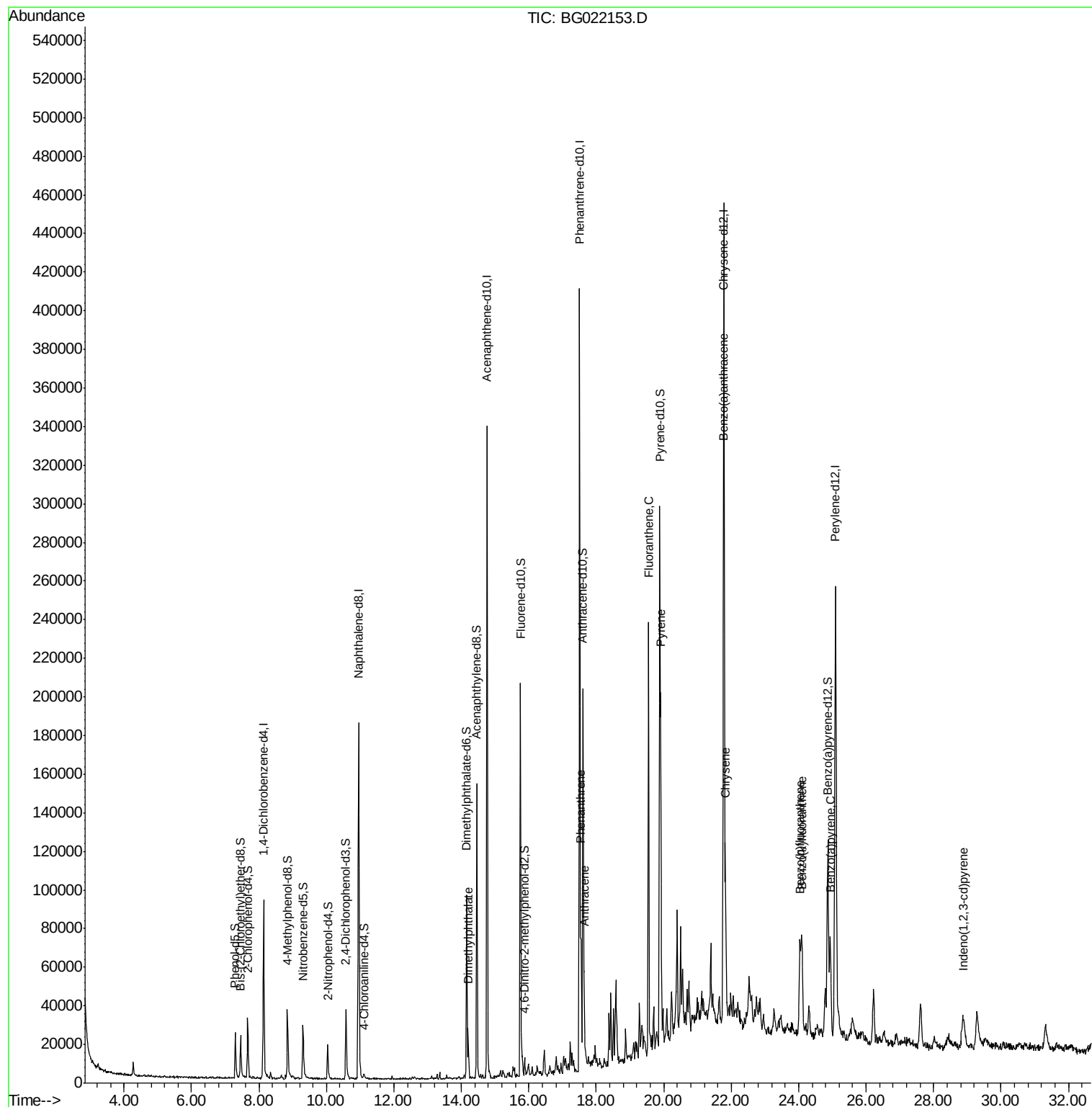
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060216\
Data File : BG022153.D
Acq On : 2 Jun 2016 14:50
Operator : UM/SJ
Sample : H3302-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

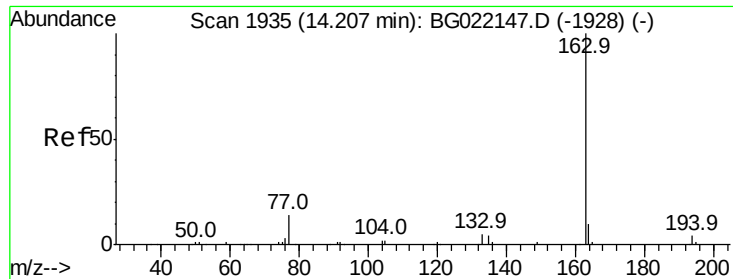
Instrument :
BNA_G
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Quant Time: Jun 03 01:54:36 2016
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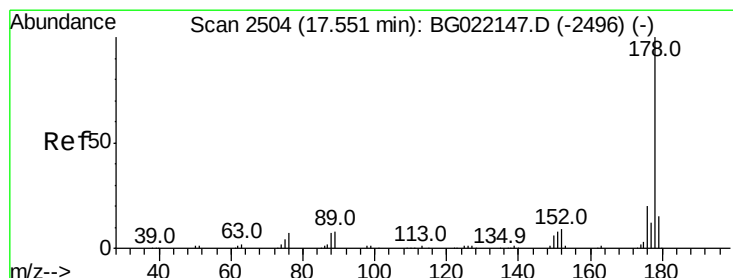
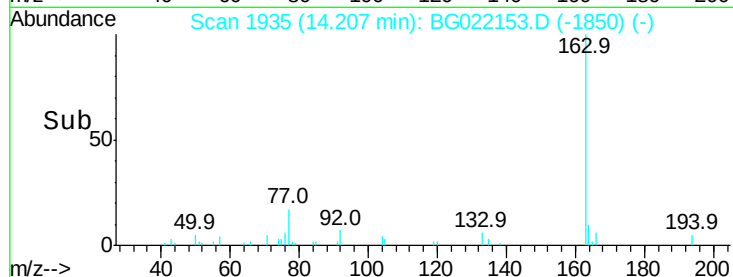
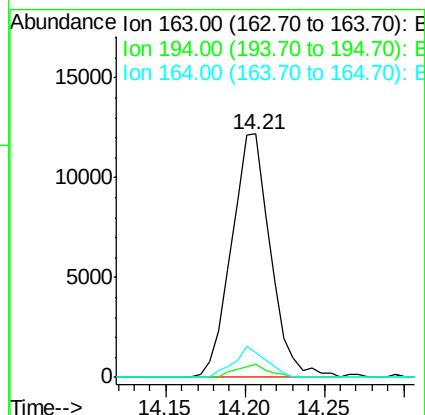
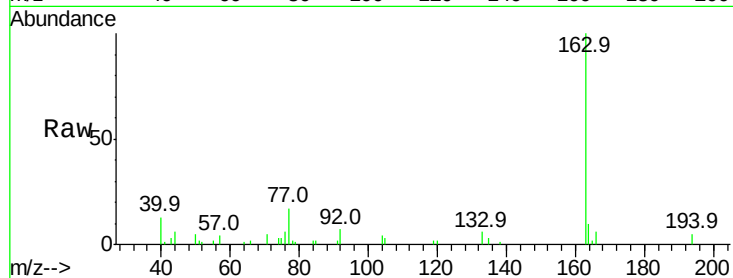
#44
Dimethylphthalate
Concen: 2.06 ng/ul
RT: 14.21 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.0	8.8	13.2

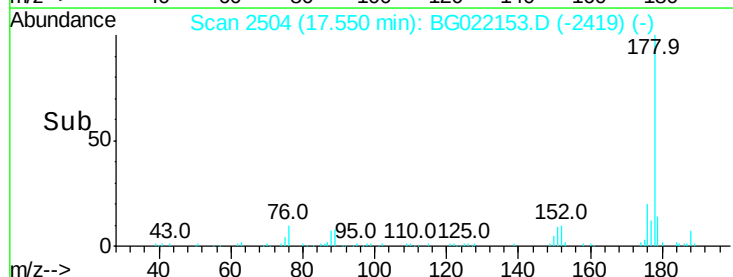
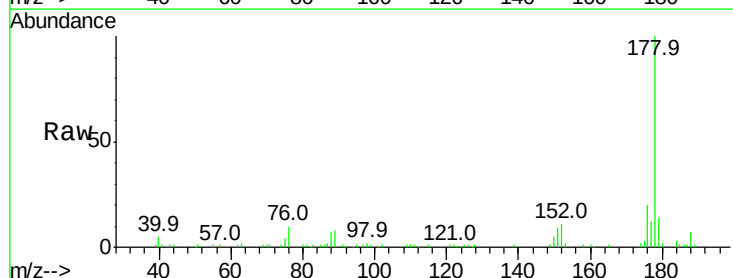
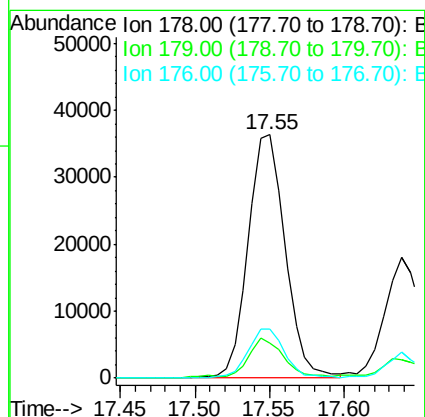
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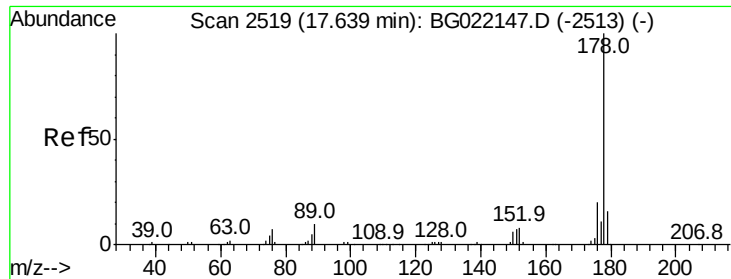
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#69
Phenanthrene
Concen: 3.92 ng/ul
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.9	19.3
176	20.4	15.8	23.8





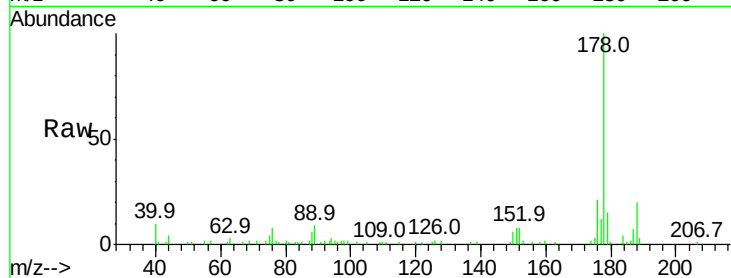
#71
 Anthracene
 Concen: 1.95 ng/ul
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG022153.D
 Acq: 2 Jun 2016 14:50

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	21.1	16.3	24.5

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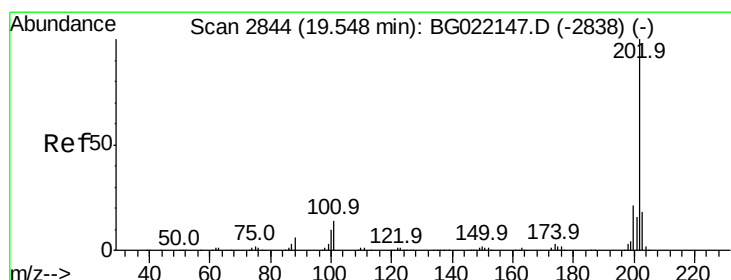
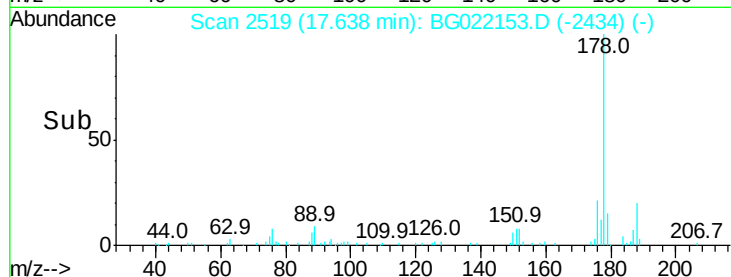
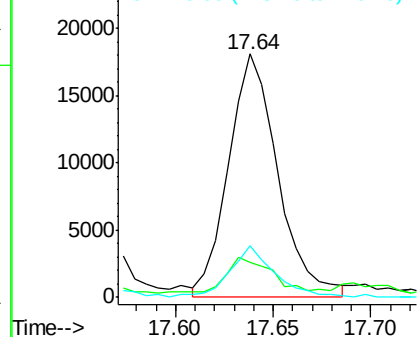


Abundance

Ion 178.00 (177.70 to 178.70): E

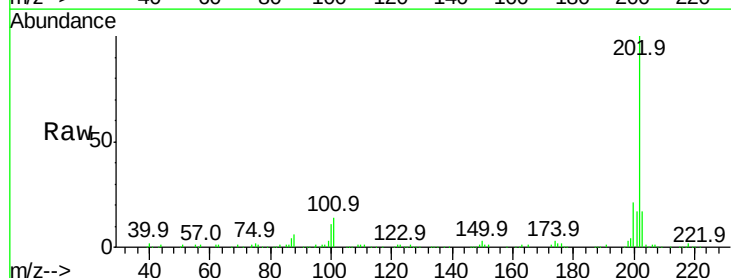
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74
 Fluoranthene
 Concen: 8.99 ng/ul
 RT: 19.55 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG022153.D
 Acq: 2 Jun 2016 14:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.0	8.7	13.1

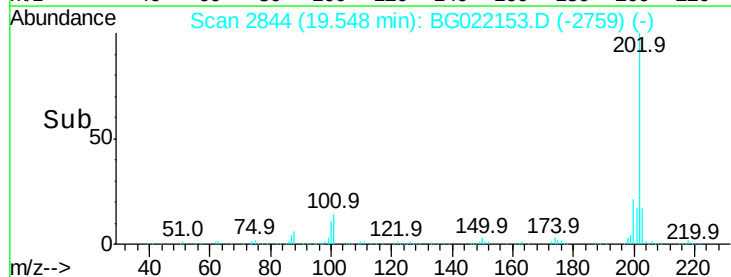
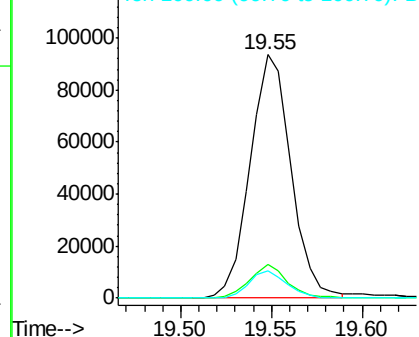


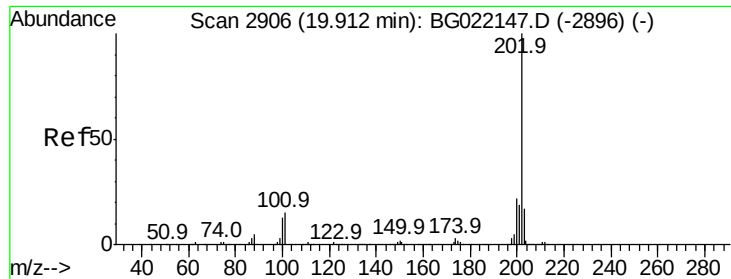
Abundance

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





#77

Pvrene

Concen: 6.41 ng/ul

RT: 19.91 min Scan# 2906

Delta R.T. -0.00 min

Lab File: BG022153.D

Acq: 2 Jun 2016 14:50

Instrument :

BNA_G

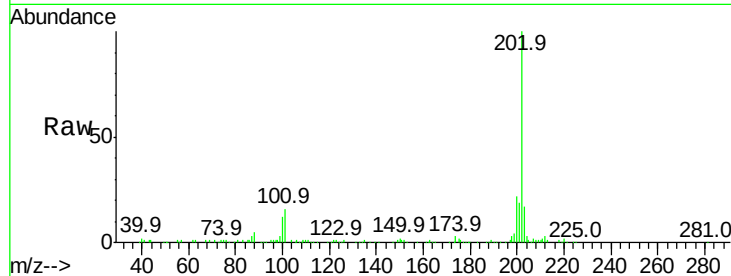
ClientSampled :

CB202

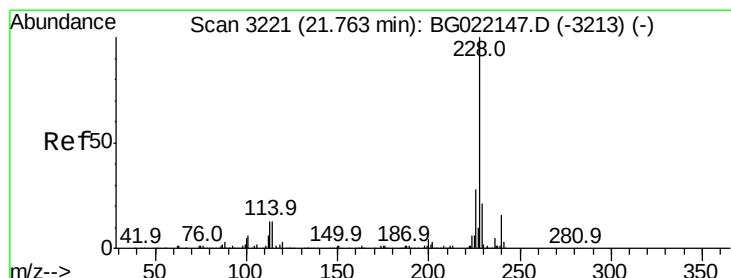
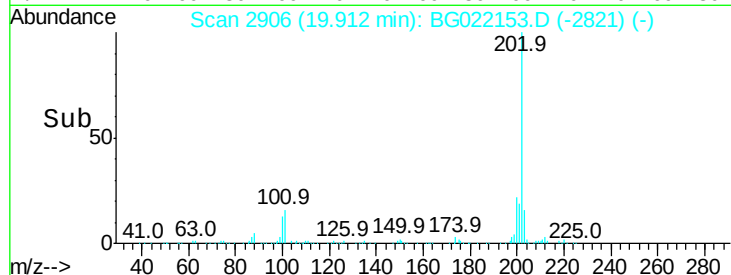
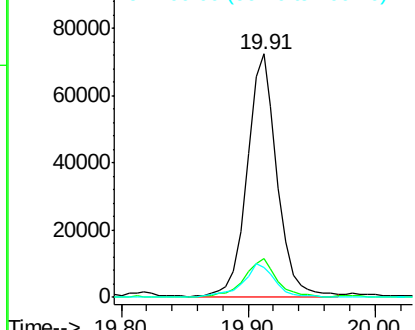
Tot Ion:	202	Resp:	117397
Ion Ratio		Lower	Upper
202	100		
101	16.1	12.5	18.7
100	12.5	10.2	15.4

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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): E



#80

Benzo(a)anthracene

Concen: 5.34 ng/ul

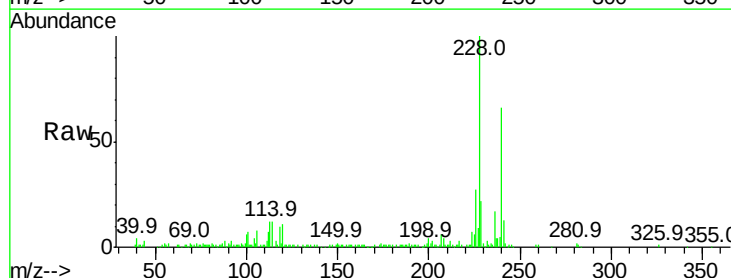
RT: 21.76 min Scan# 3221

Delta R.T. -0.00 min

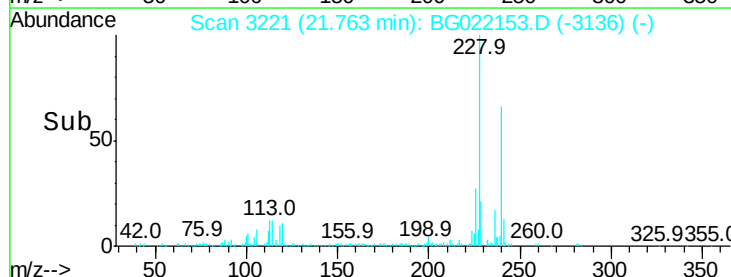
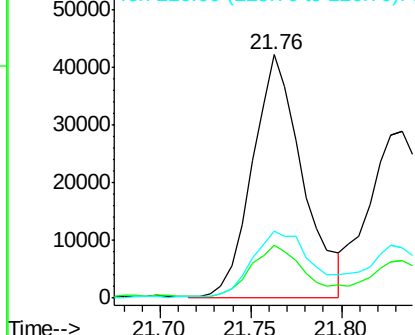
Lab File: BG022153.D

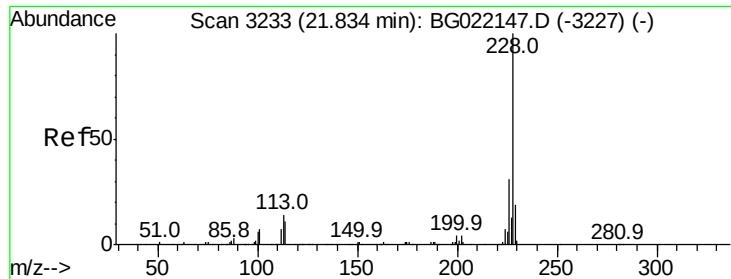
Acq: 2 Jun 2016 14:50

Tgt Ion:	228	Resp:	81472
Ion Ratio		Lower	Upper
228	100		
229	21.8	15.4	23.2
226	27.4	22.8	34.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.31 ng/ul

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG022153.D

Acq: 2 Jun 2016 14:50

Instrument :

BNA_G

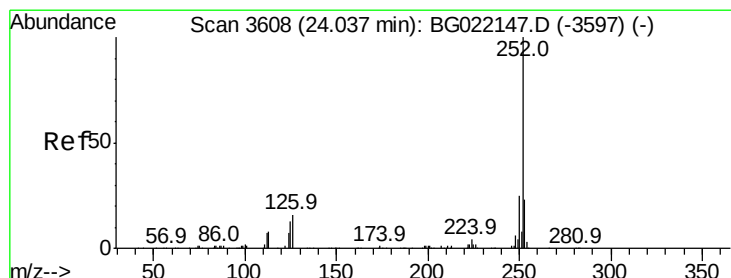
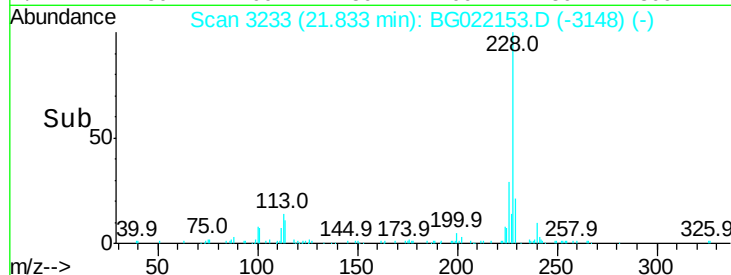
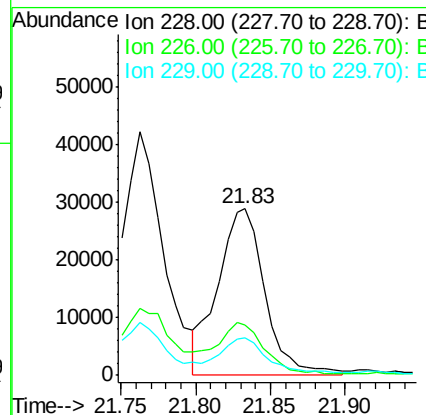
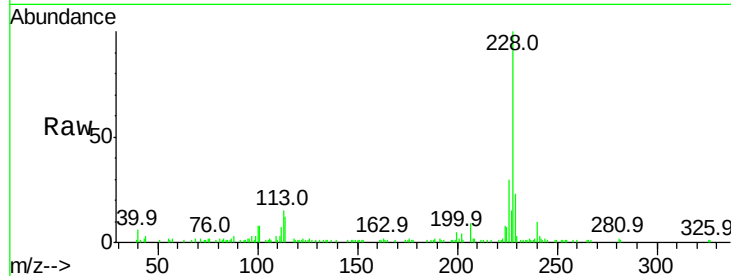
ClientSampled :

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Tot Ion:	228	Resp:	63133
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.4
229	22.5	15.0	22.6

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#85

Benzo(b)fluoranthene

Concen: 4.77 ng/ul m

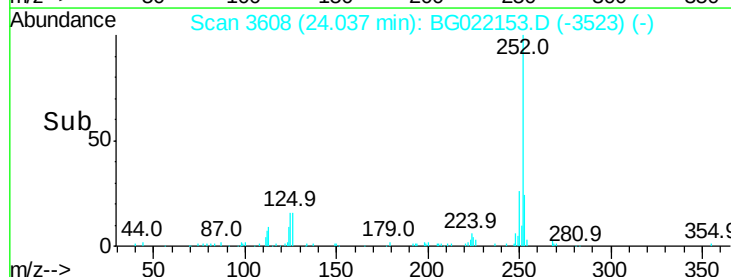
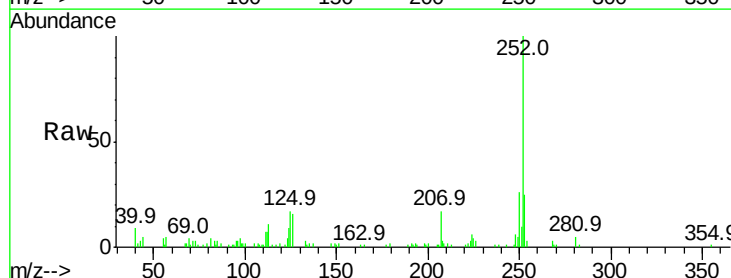
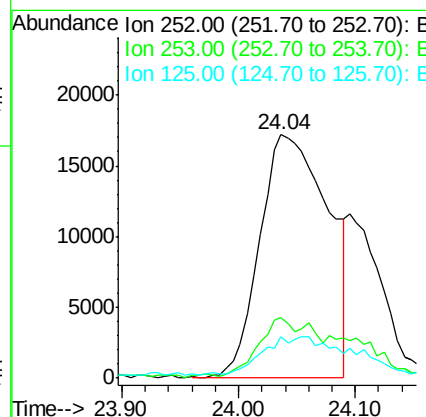
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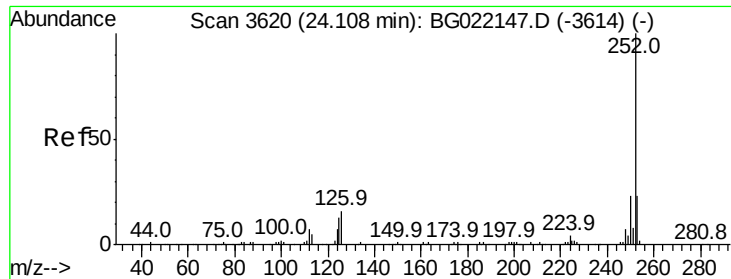
Delta R.T. -0.00 min

Lab File: BG022153.D

Acq: 2 Jun 2016 14:50

Tgt Ion:	252	Resp:	69916
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.2	27.2
125	16.8	10.8	16.2#





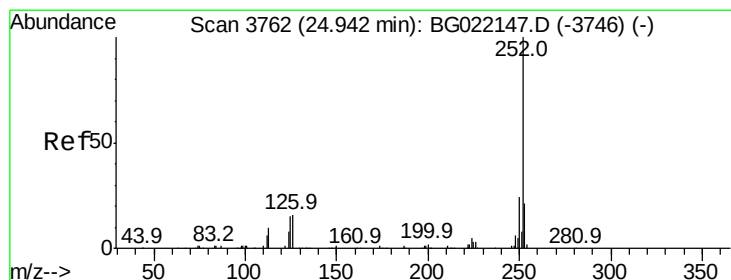
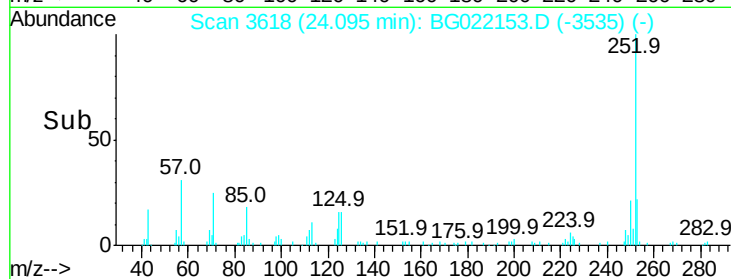
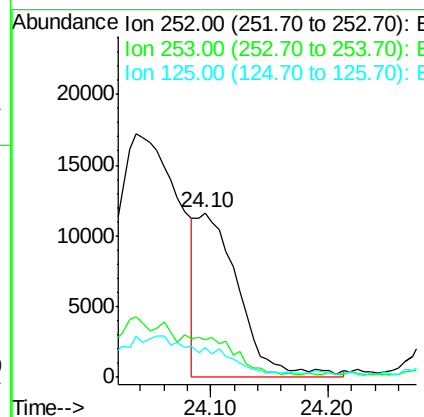
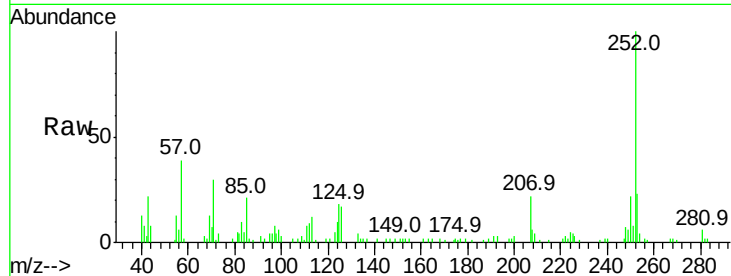
#86
Benzo(k)fluoranthene
Concen: 2.05 ng/ul m
RT: 24.10 min Scan# 3618
Delta R.T. -0.01 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Instrument :
BNA_G
ClientSampleId :
CB202

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	15.8	23.6
125	18.1	10.6	16.0

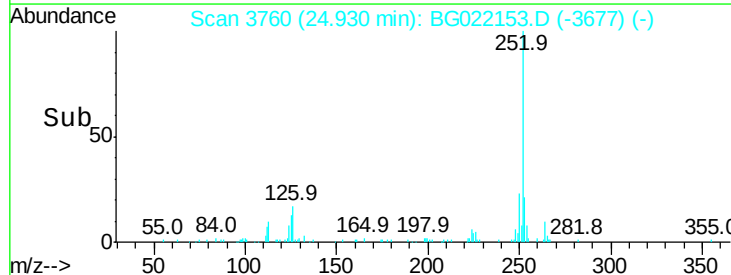
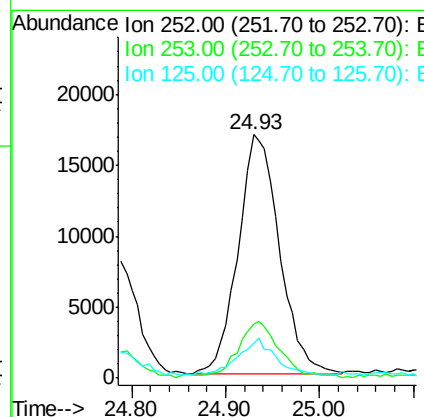
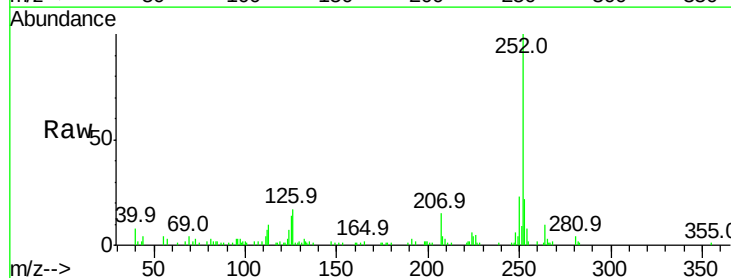
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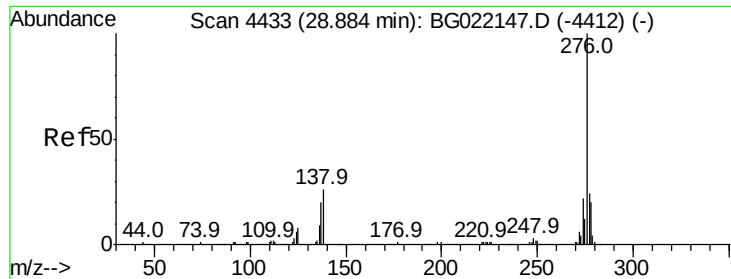
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#88
Benzo(a)pyrene
Concen: 3.61 ng/ul
RT: 24.93 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG022153.D
Acq: 2 Jun 2016 14:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	19.0	28.4
125	14.5	12.0	18.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.76 ng/ul m

RT: 28.87 min Scan# 4431

Delta R.T. -0.01 min

Lab File: BG022153.D

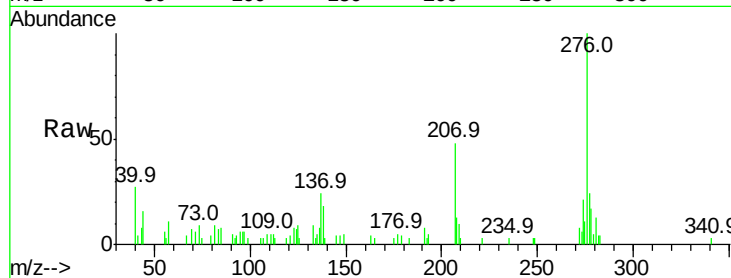
Acq: 2 Jun 2016 14:50

Instrument :

BNA_G

ClientSampleId :

CB202



Tot Ion:	276	Resp:	28546
Ion Ratio	Lower	Upper	
276	100		
138	18.3	20.8	31.2#
277	23.5	17.6	26.4

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