

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
 Data File : BG018157.D
 Acq On : 28 Jul 2015 21:33
 Operator : TP/UM
 Sample : G3030-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N3

Manual Integrations
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Quant Time: Jul 29 03:19:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	54237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	248824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	153057	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.94	188	302705	20.00	ng/ul	0.01
78) Chrysene-d12	21.15	240	323330	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	340762	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2552	2.94	ng/uL	0.01
5) Phenol-d5	6.70	99	60743	14.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29450	14.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	60936	16.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.23	113	50299	13.56	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	30867	15.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	35078	16.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	58203	16.10	ng/ul	0.01
29) 4-Chloroaniline-d4	10.44	131	58393	13.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	167406	15.58	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	178572	13.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	20499	9.07	ng/ul	0.01
58) Fluorene-d10	15.19	176	119350	12.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	5558	2.87	ng/ul	0.01
71) Anthracene-d10	17.04	188	157663	12.03	ng/ul	0.00
79) Pyrene-d10	19.35	212	146626	9.90	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.20	264	148295	9.12	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	13.65	163	64239	5.94	ng/ul	98
70) Phenanthrene	16.98	178	23752	1.56	ng/ul	98
77) Fluoranthene	19.01	202	75332	4.65	ng/ul	95
80) Pyrene	19.38	202	66927	3.61	ng/ul	98
81) Butylbenzylphthalate	20.30	149	12211	1.61	ng/ul	92
83) Benzo(a)anthracene	21.13	228	36356	2.13	ng/ul	94
85) Chrysene	21.19	228	38080m	2.36	ng/ul	
88) Benzo(b)fluoranthene	22.69	252	62429	3.34	ng/ul#	94
89) Benzo(k)fluoranthene	22.73	252	21286	1.18	ng/ul#	81
91) Benzo(a)pyrene	23.25	252	36990	2.05	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.56	276	27405	1.31	ng/ul	95
94) Benzo(g,h,i)perylene	26.24	276	23965	1.39	ng/ul	91

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

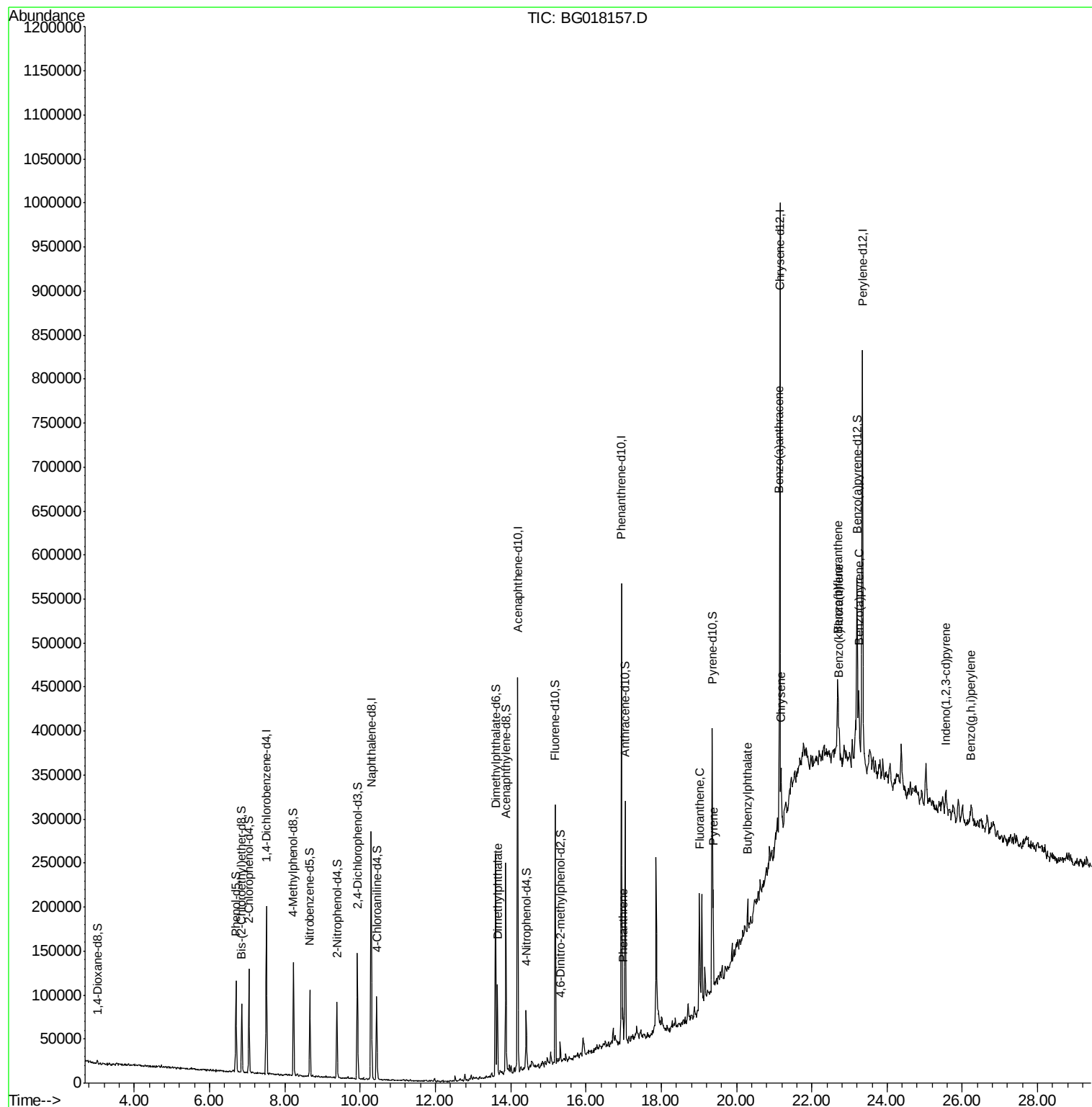
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072715\
Data File : BG018157.D
Acq On : 28 Jul 2015 21:33
Operator : TP/UM
Sample : G3030-10
Misc :
ALS Vial : 46 Sample Multiplier: 1

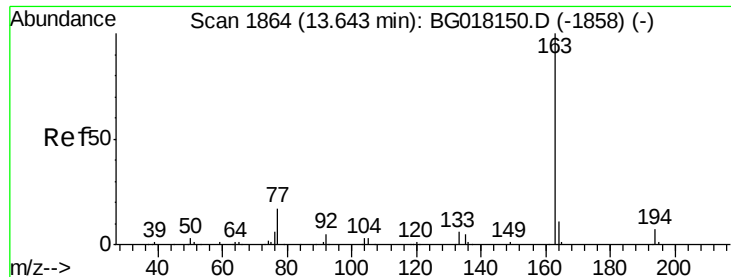
Instrument :
BNA_G
ClientSampleId :
C01N3

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Quant Time: Jul 29 03:19:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





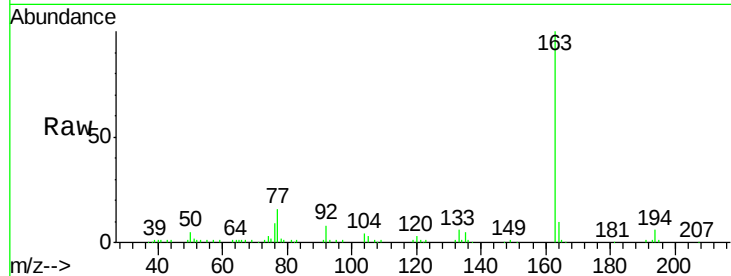
#45
Dimethylphthalate
Concen: 5.94 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Instrument :
BNA_G
ClientSampleId :
C01N3

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.4	8.2
164	10.0	8.7	13.1

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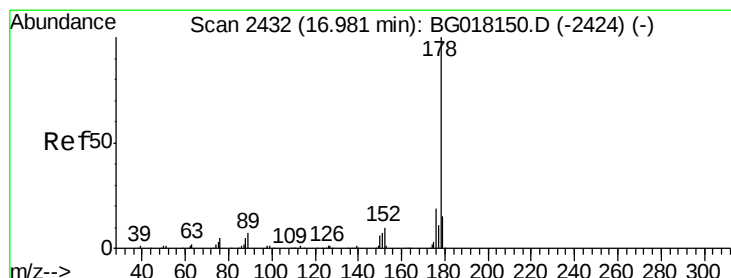
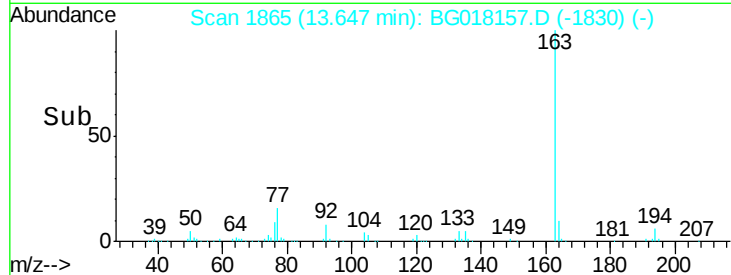
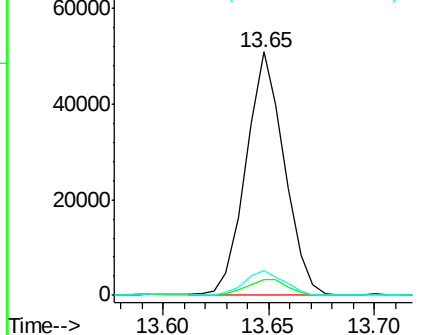


Abundance

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: 1.56 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

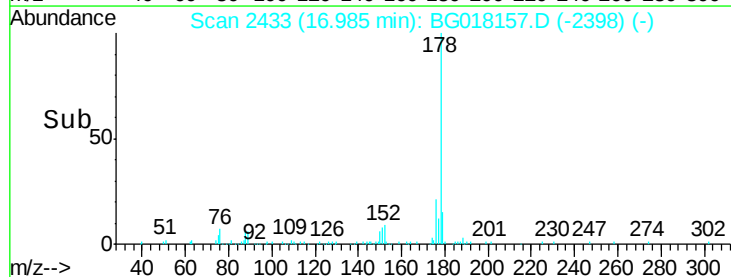
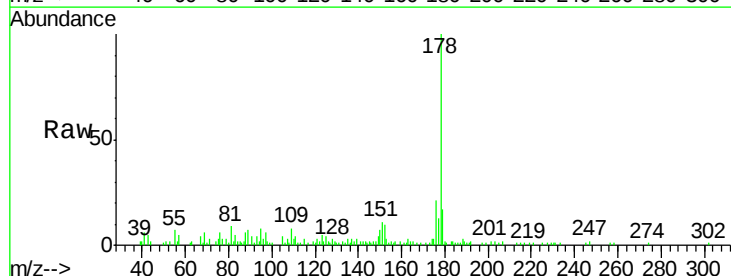
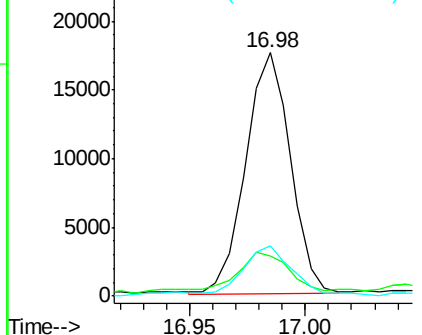
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	20.9	15.8	23.8

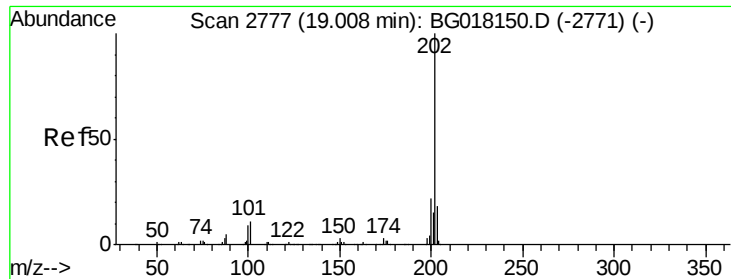
Abundance

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





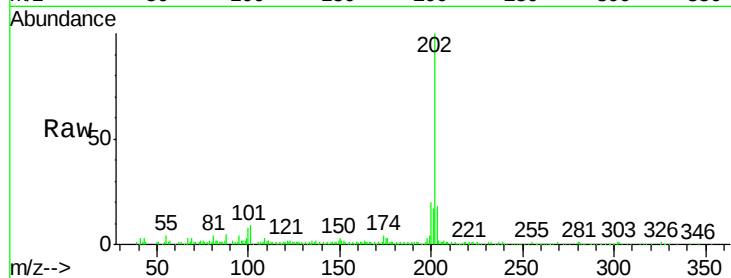
#77
Fluoranthene
 Concen: 4.65 ng/ul
 RT: 19.01 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: BG018157.D
 Acq: 28 Jul 2015 21:33

Instrument :
 BNA_G
 ClientSampleId :
 C01N3

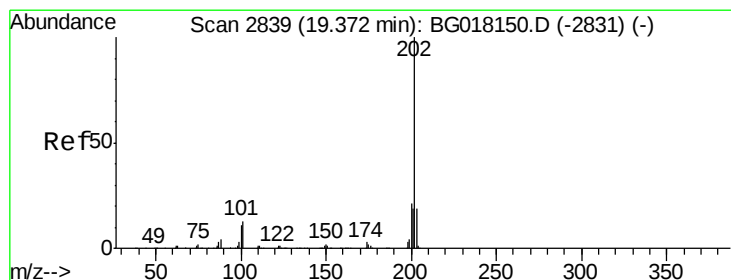
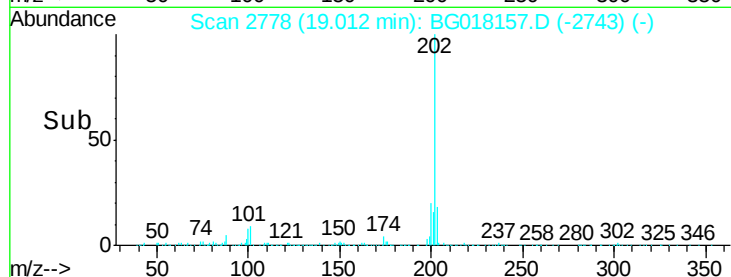
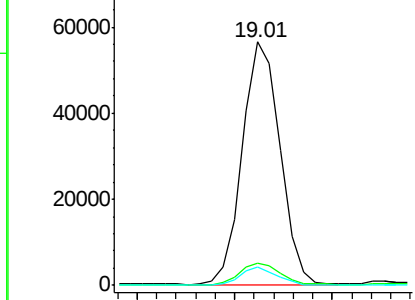
Tot Ion:	202	Resp:	75332
Ion Ratio	Lower	Upper	
202	100		
101	9.3	9.1	13.7
100	7.6	7.5	11.3

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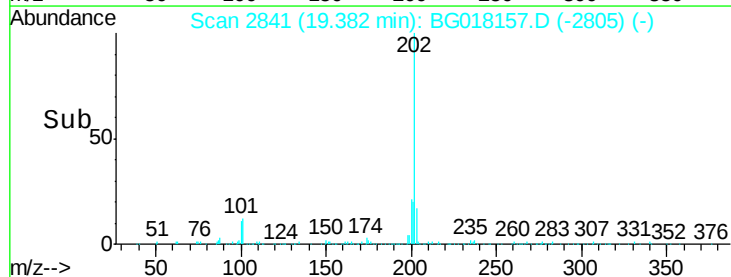
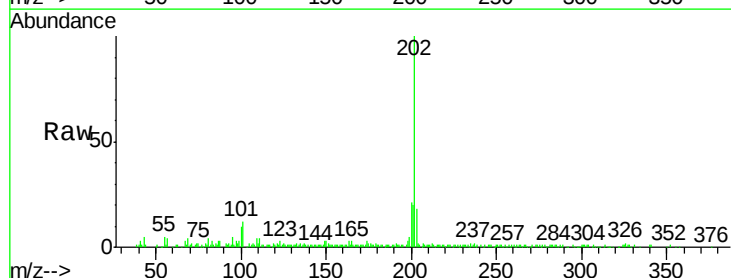
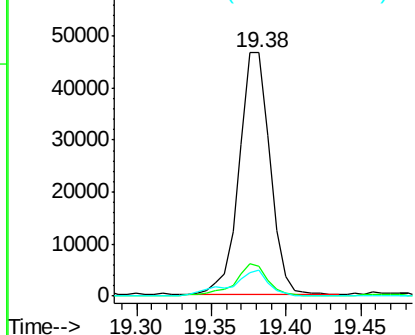
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

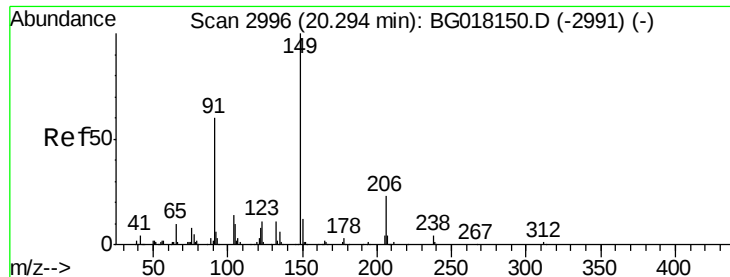


#80
Pyrene
 Concen: 3.61 ng/ul
 RT: 19.38 min Scan# 2841
 Delta R.T. 0.01 min
 Lab File: BG018157.D
 Acq: 28 Jul 2015 21:33

Tgt Ion:	202	Resp:	66927
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.9	16.3
100	10.5	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





#81

Butylbenzylphthalate

Concen: 1.61 ng/ul

RT: 20.30 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

Instrument :

BNA_G

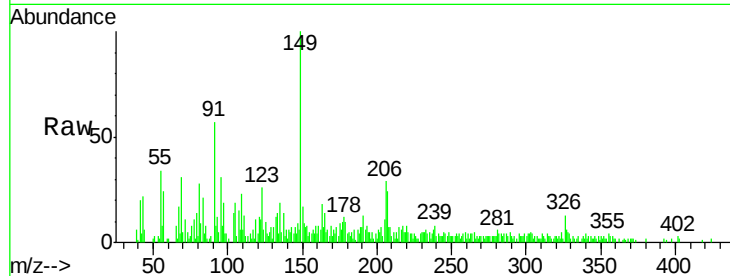
ClientSampleId :

C01N3

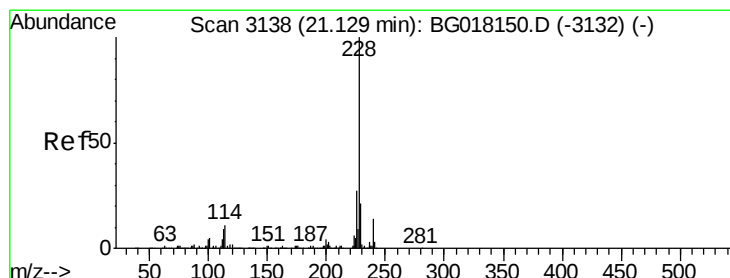
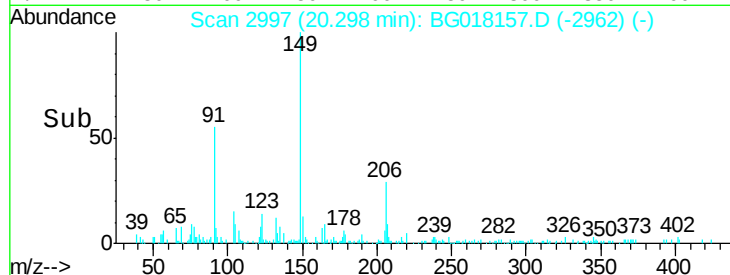
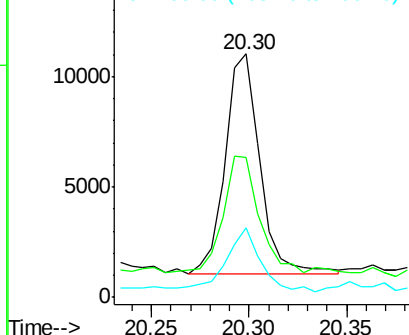
Tot Ion:	149	Resp:	12211
Ion Ratio	Lower	Upper	
149	100		
91	57.3	51.1	76.7
206	28.6	19.9	29.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 2.13 ng/ul

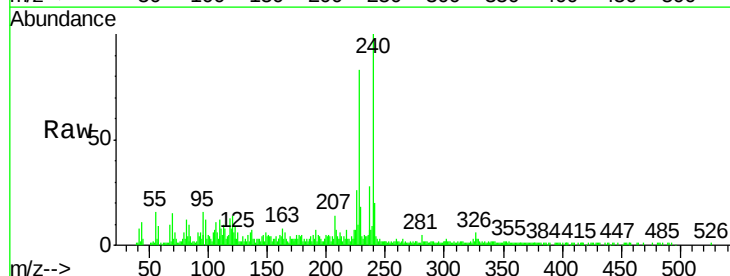
RT: 21.13 min Scan# 3139

Delta R.T. 0.00 min

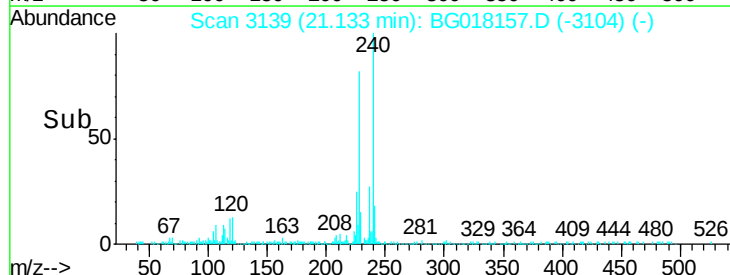
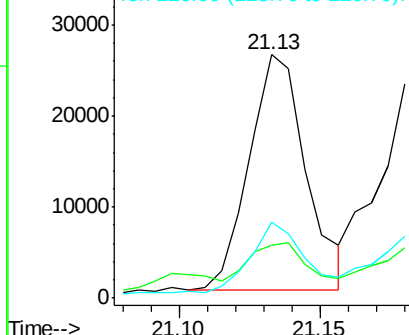
Lab File: BG018157.D

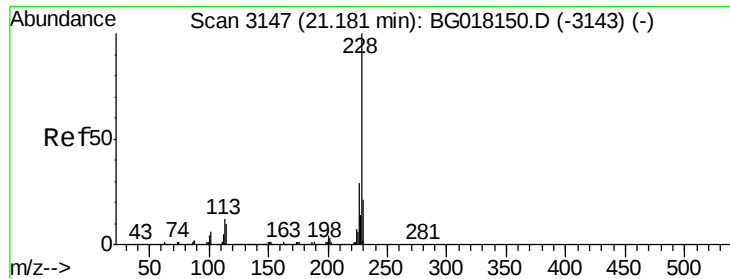
Acq: 28 Jul 2015 21:33

Tgt Ion:	228	Resp:	36356
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.6	24.8
226	31.1	21.1	31.7



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





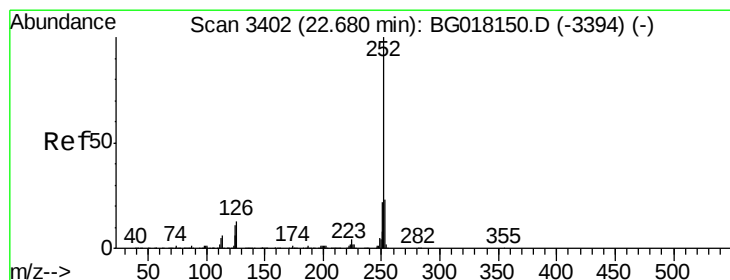
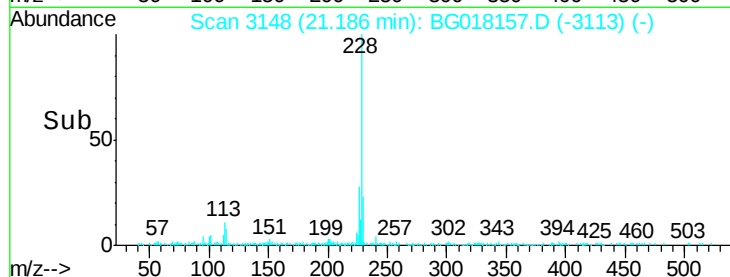
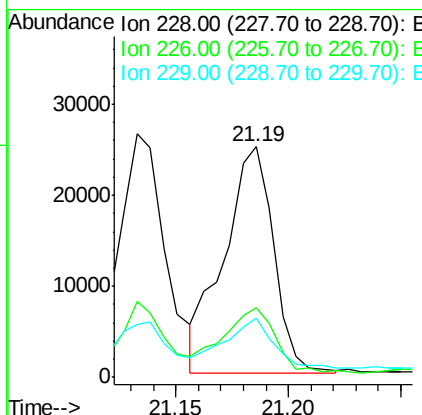
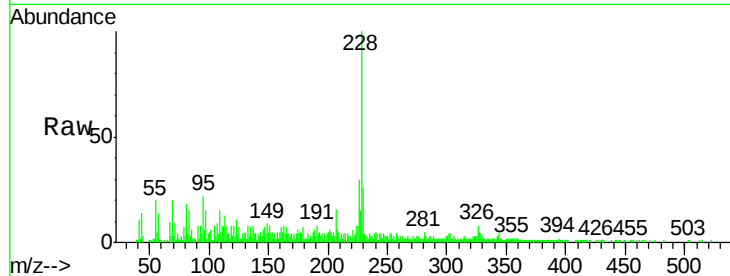
#85
Chrysene
Concen: 2.36 ng/ul m
RT: 21.19 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Instrument :
BNA_G
ClientSampleId :
C01N3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	25.7	15.6	23.4

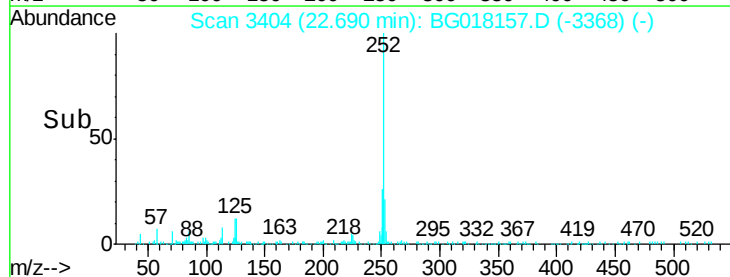
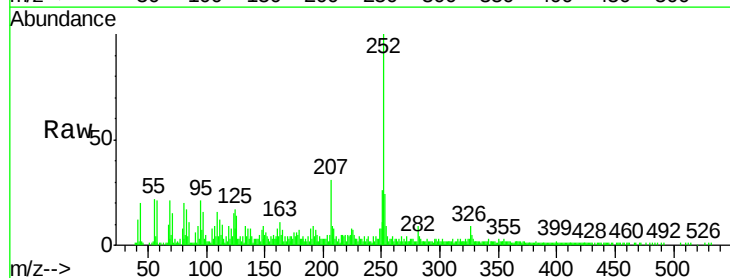
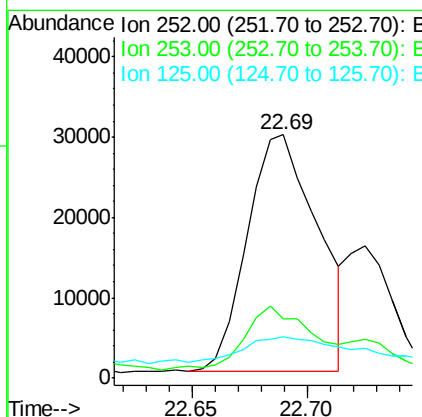
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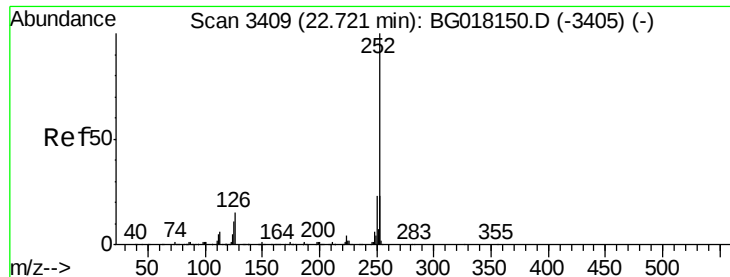
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#88
Benzo(b)fluoranthene
Concen: 3.34 ng/ul
RT: 22.69 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	17.0	9.1	13.7





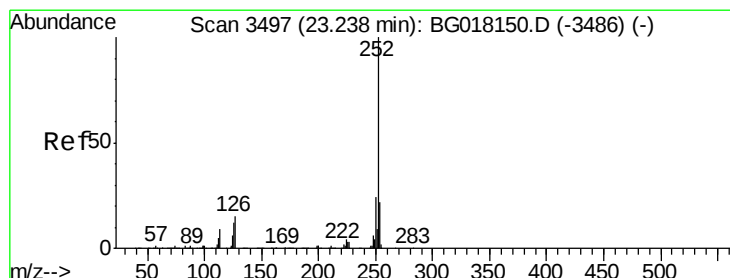
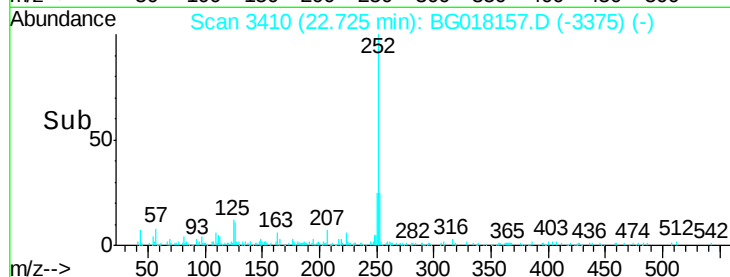
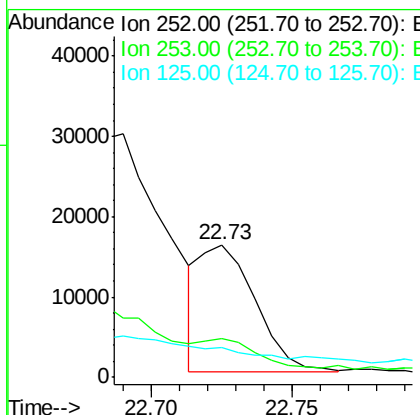
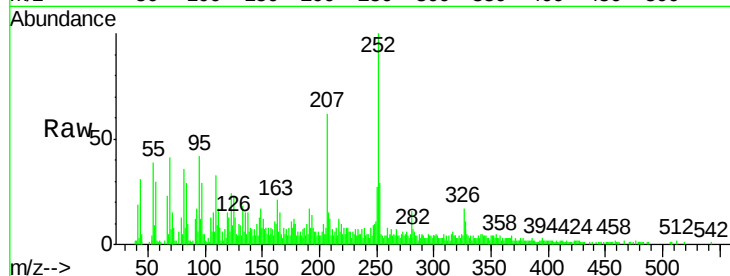
#89
Benzo(k)fluoranthene
Concen: 1.18 ng/ul
RT: 22.73 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Instrument :
BNA_G
ClientSampled :
C01N3

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.8	26.8#
125	22.9	9.3	13.9#

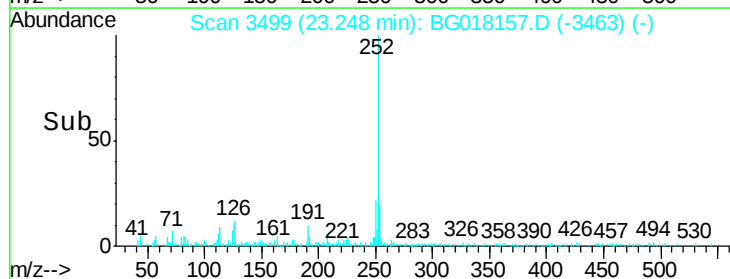
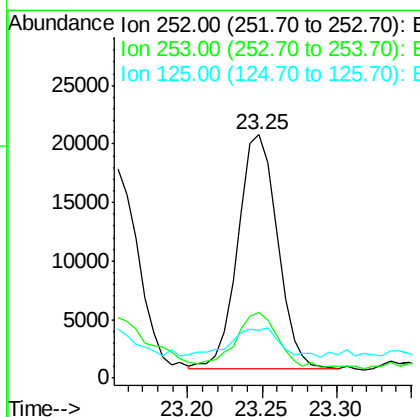
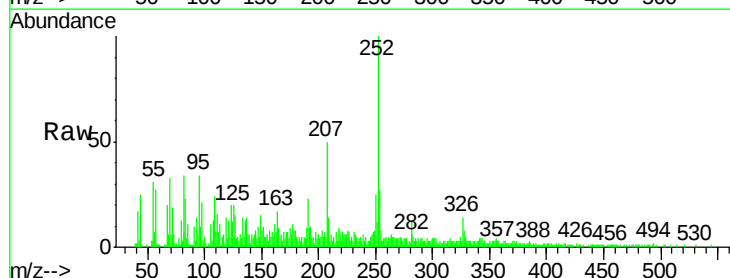
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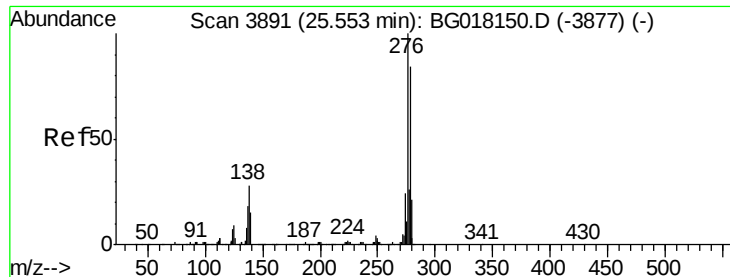
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#91
Benzo(a)pyrene
Concen: 2.05 ng/ul
RT: 23.25 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.0	27.0#
125	19.7	10.2	15.2#





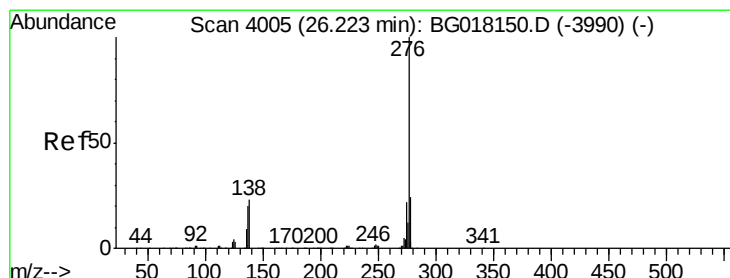
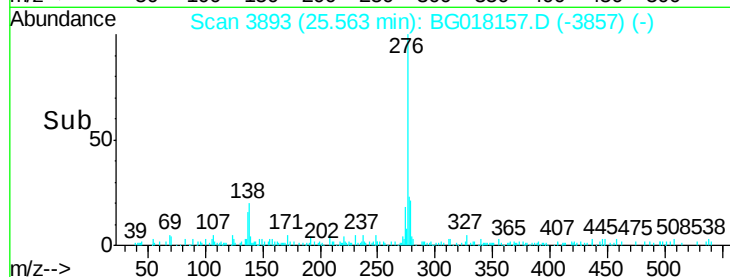
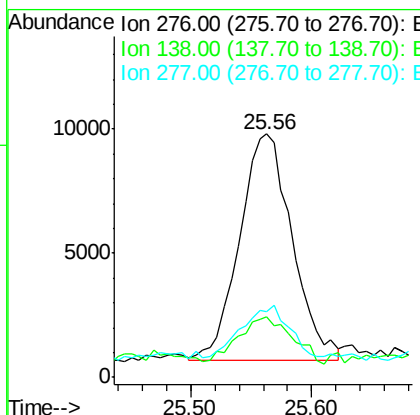
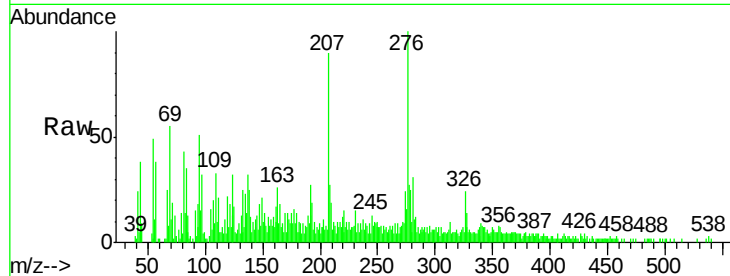
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.31 ng/ul
 RT: 25.56 min Scan# 3893
 Delta R.T. 0.01 min
 Lab File: BG018157.D
 Acq: 28 Jul 2015 21:33

Instrument :
 BNA_G
 ClientSampleId :
 C01N3

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.6	33.8
277	26.8	19.8	29.8

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.39 ng/ul
 RT: 26.24 min Scan# 4008
 Delta R.T. 0.02 min
 Lab File: BG018157.D
 Acq: 28 Jul 2015 21:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	18.8	28.2
277	28.6	19.3	28.9

