

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018265.D
 Acq On : 4 Aug 2015 22:25
 Operator : UM/TP
 Sample : G3109-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:48 PM

Quant Time: Aug 05 04:59:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	41558	20.00	ng/ul	0.01
18) Naphthalene-d8	10.24	136	190015	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	109752	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	177707	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	136977	20.00	ng/ul	0.01
86) Perylene-d12	23.30	264	147710m	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	1736	3.15	ng/uL	0.00
5) Phenol-d5	6.67	99	68747	18.40	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	37533	19.65	ng/ul	0.01
9) 2-Chlorophenol-d4	7.00	132	58633	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	50396	16.56	ng/ul	0.01
19) Nitrobenzene-d5	8.61	128	33294	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	36529	21.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	61939	20.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.39	131	31819	8.41	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	192840	22.74	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	211907	21.55	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	14321	9.12	ng/ul	0.01
58) Fluorene-d10	15.14	176	157419	20.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	4450	3.59	ng/ul	0.01
71) Anthracene-d10	17.00	188	171267	22.16	ng/ul	0.00
79) Pyrene-d10	19.31	212	122148	18.43	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.15	264	162397m	21.74	ng/ul	0.03

Target Compounds

						Qvalue
45) Dimethylphthalate	13.60	163	72874	8.64	ng/ul#	97
50) Acenaphthene	14.21	153	11920	1.87	ng/ul	92
59) Fluorene	15.20	166	14311	1.73	ng/ul#	88
70) Phenanthrene	16.94	178	110428	12.23	ng/ul	98
72) Anthracene	17.03	178	23298	2.59	ng/ul	96
75) Carbazole	17.31	167	9222	1.24	ng/ul#	84
76) Di-n-butylphthalate	17.88	149	45987	4.63	ng/ul#	94
77) Fluoranthene	18.98	202	132544	13.37	ng/ul#	92
80) Pyrene	19.35	202	114400	13.77	ng/ul#	89
81) Butylbenzylphthalate	20.26	149	36369	10.78	ng/ul#	80
83) Benzo(a)anthracene	21.10	228	47664	6.46	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.04	149	1861245	408.77	ng/ul#	80
85) Chrysene	21.15	228	56645	8.38	ng/ul	98
88) Benzo(b)fluoranthene	22.64	252	81858	9.22	ng/ul	92
89) Benzo(k)fluoranthene	22.68	252	30360m	3.72	ng/ul	
91) Benzo(a)pyrene	23.20	252	55444m	6.98	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.50	276	36565m	3.98	ng/ul	

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

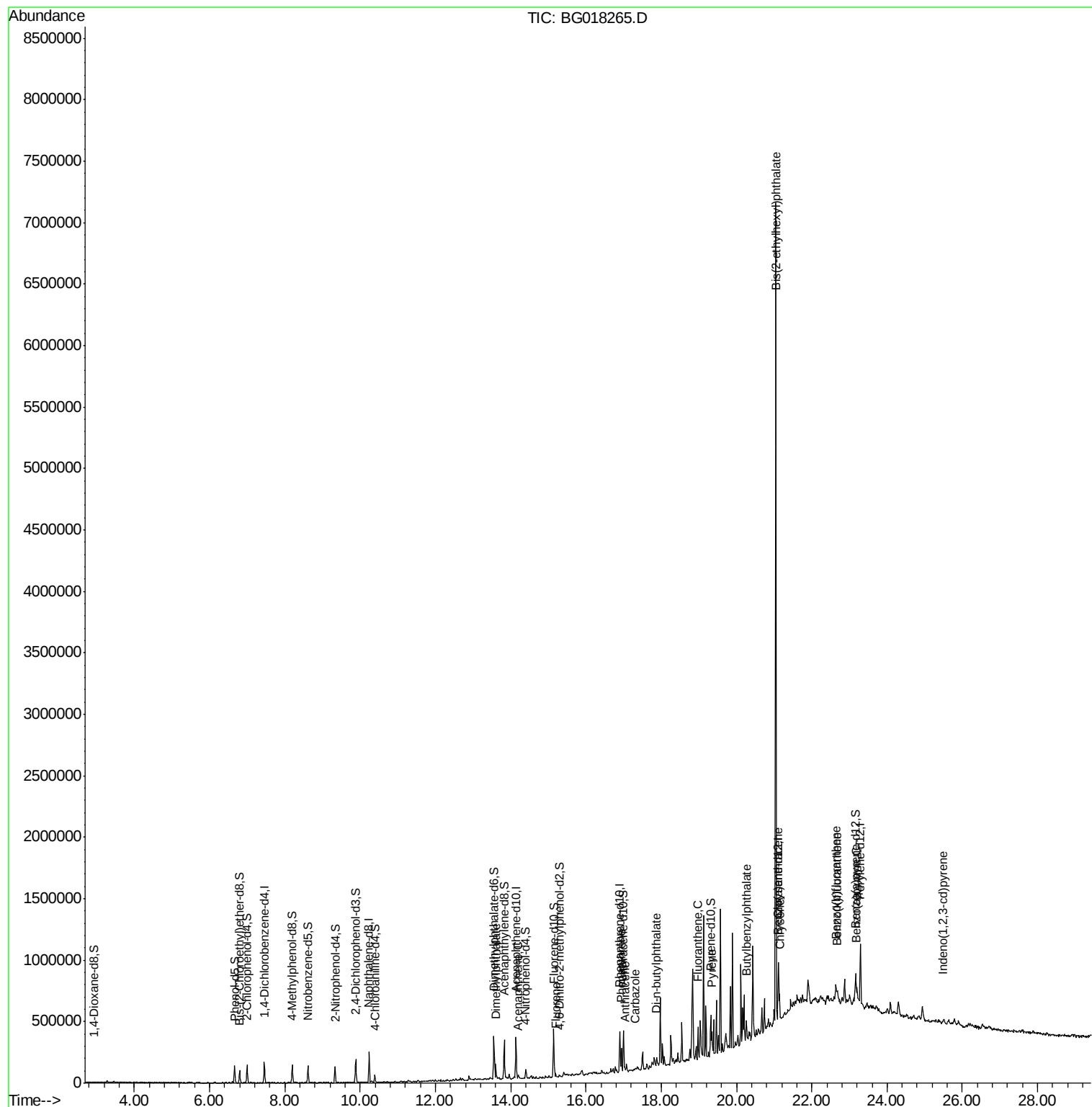
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018265.D
Acq On : 4 Aug 2015 22:25
Operator : UM/TP
Sample : G3109-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

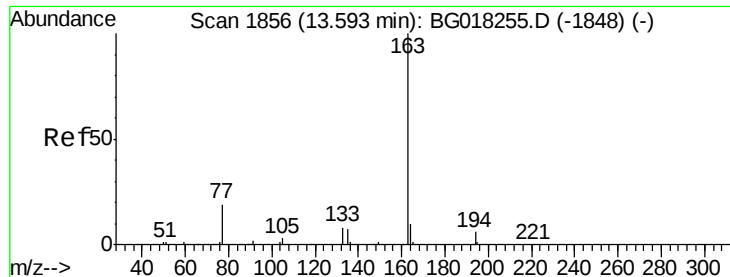
Instrument :
BNA_G
ClientSampled :
C01W7

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Quant Time: Aug 05 04:59:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration





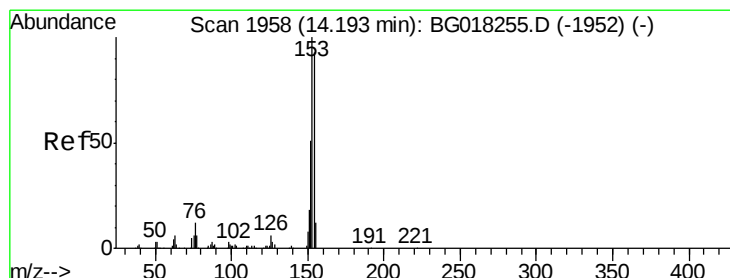
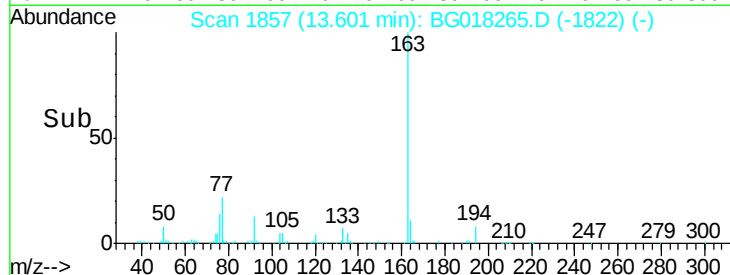
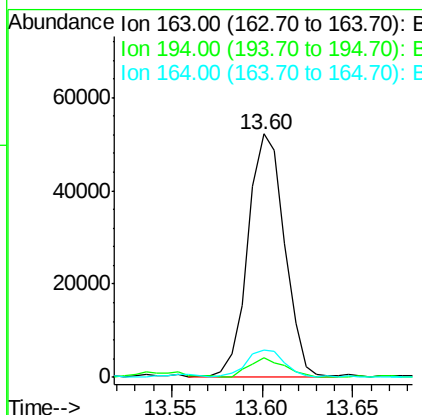
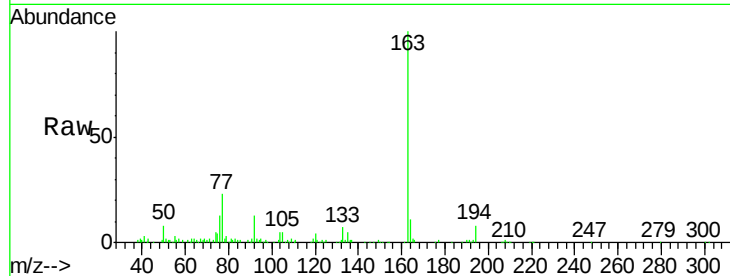
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Dimethylphthalate
Concen: 8.64 ng/ul
RT: 13.60 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BG018265.D
Acq: 4 Aug 2015 22:25

Instrument :
BNA_G
ClientSampleId :
C01W7

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	72874		
194	8.2	5.2	7.8#	
164	11.0	8.4	12.6	

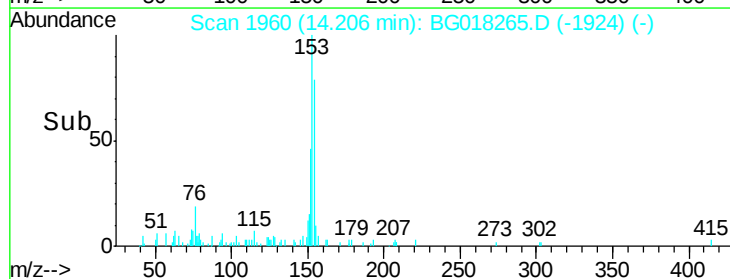
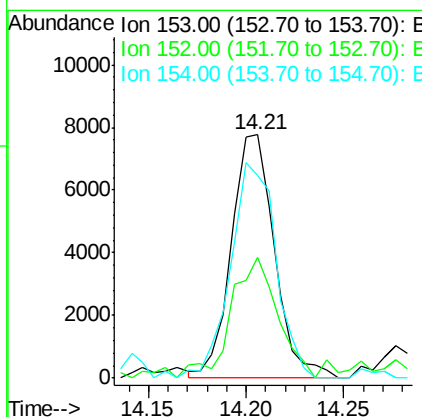
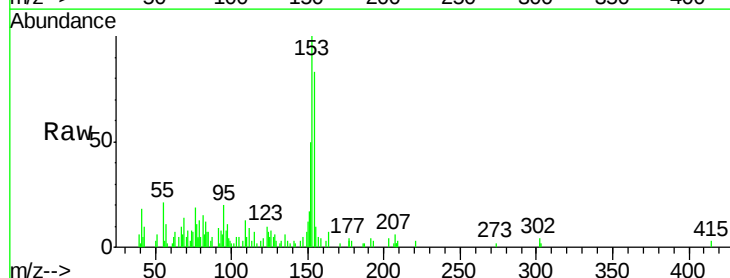
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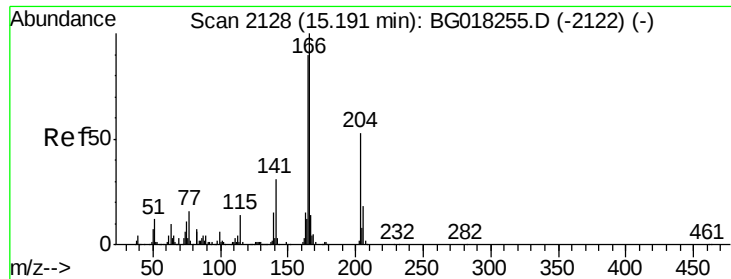
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#50
Acenaphthene
Concen: 1.87 ng/ul
RT: 14.21 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG018265.D
Acq: 4 Aug 2015 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	11920		
152	49.8	38.7	58.1	
154	83.1	74.8	112.2	





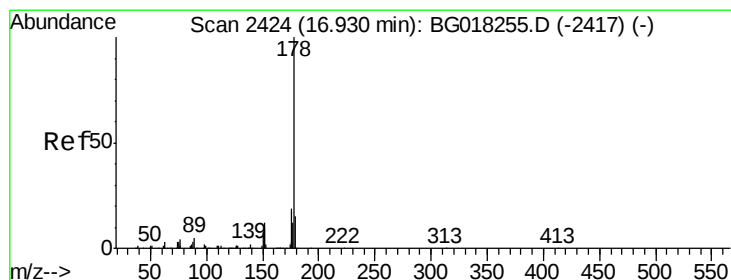
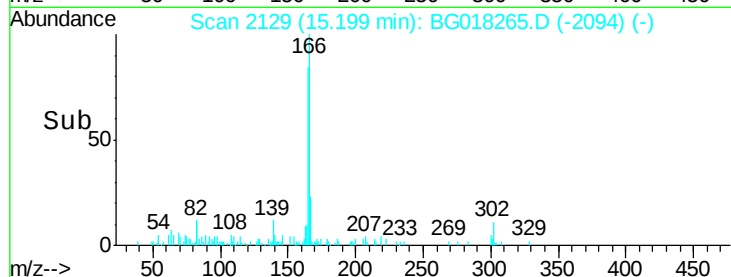
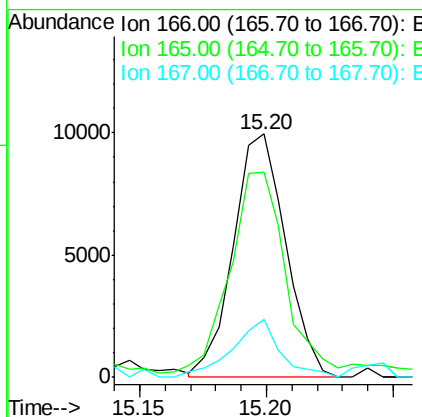
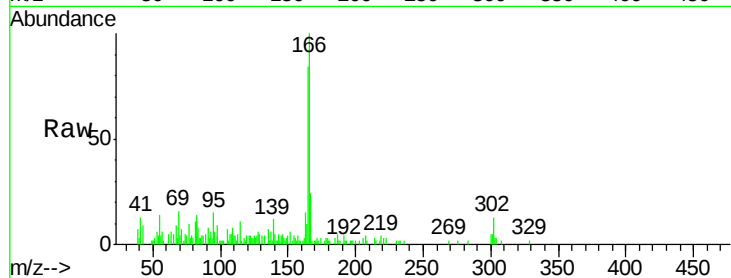
#59
Fluorene
Concen: 1.73 ng/ul
RT: 15.20 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BG018265.D
Acq: 4 Aug 2015 22:25

Instrument :
BNA_G
ClientSampleId :
C01W7

Tgt Ion	Ratio	Lower	Upper
166	100		
165	84.3	75.1	112.7
167	24.0	11.8	17.6

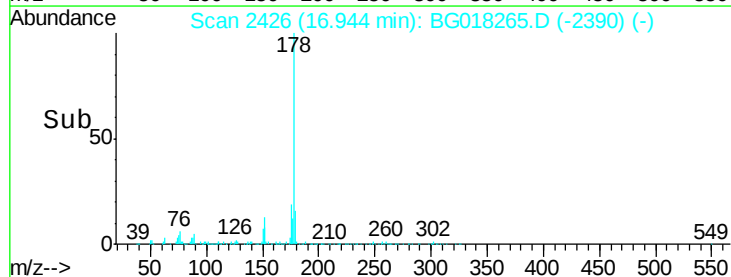
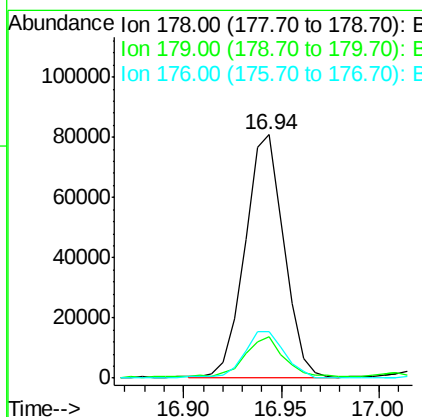
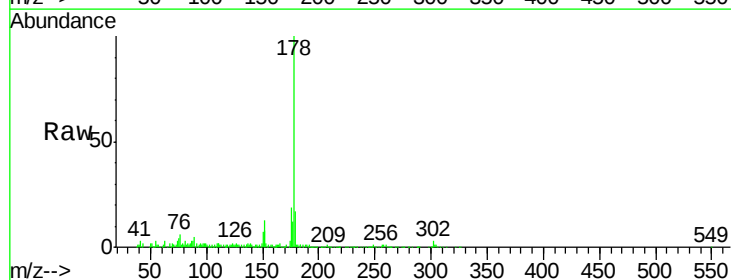
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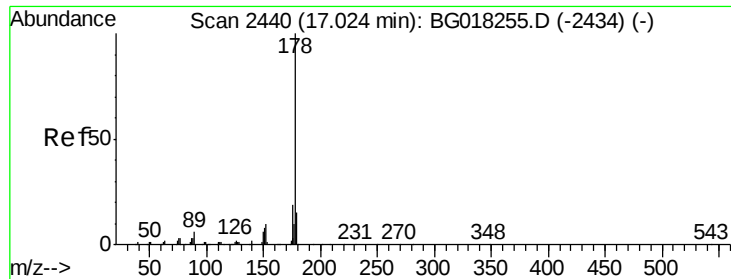
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#70
Phenanthrene
Concen: 12.23 ng/ul
RT: 16.94 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG018265.D
Acq: 4 Aug 2015 22:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	19.3	16.0	24.0





#72

Anthracene

Concen: 2.59 ng/ul

RT: 17.03 min Scan# 2441

Delta R.T. 0.01 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Instrument :

BNA_G

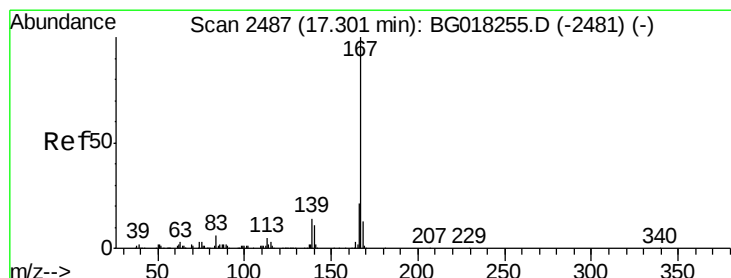
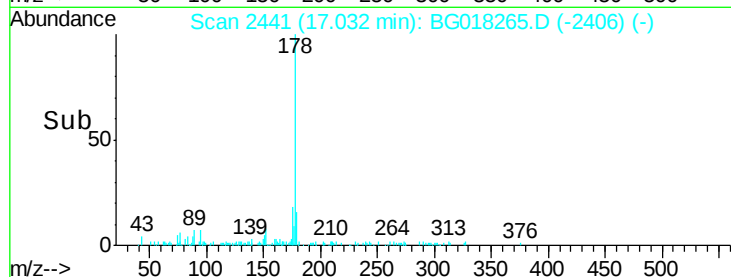
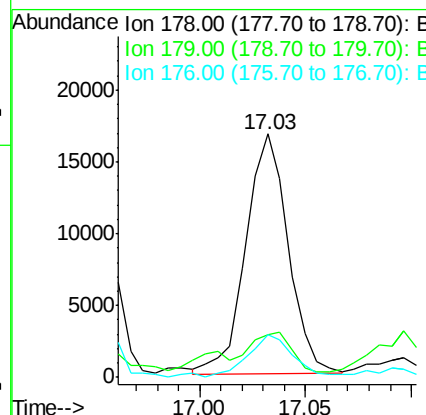
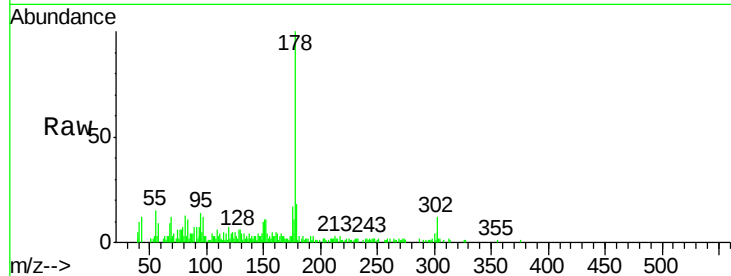
ClientSampleId :

C01W7

Tgt Ion:	178	Resp:	23298
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.2	18.2
176	17.3	14.8	22.2

Manual Integrations
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#75

Carbazole

Concen: 1.24 ng/ul

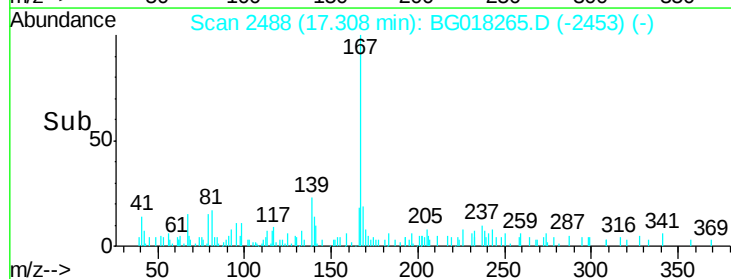
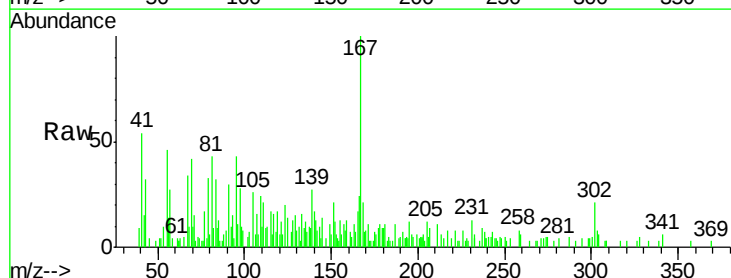
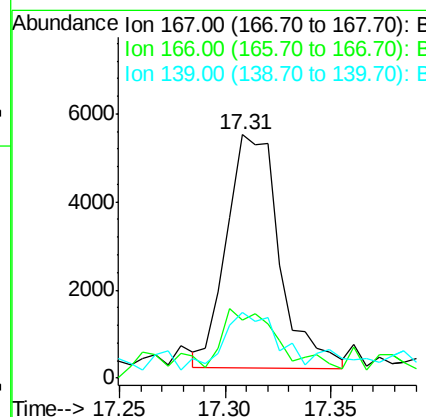
RT: 17.31 min Scan# 2488

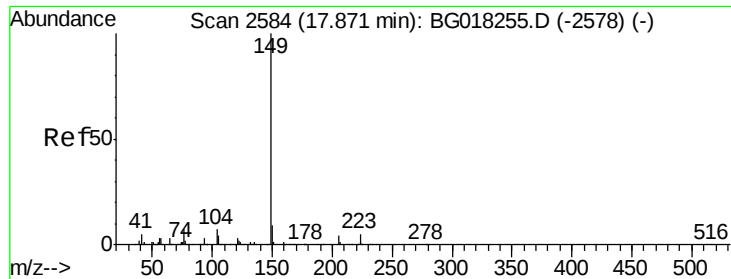
Delta R.T. 0.01 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Tgt Ion:	167	Resp:	9222
Ion Ratio	Lower	Upper	
167	100		
166	24.0	17.5	26.3
139	26.9	10.1	15.1#





#76

Di-n-butylphthalate

Concen: 4.63 ng/ul

RT: 17.88 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BG018265.D

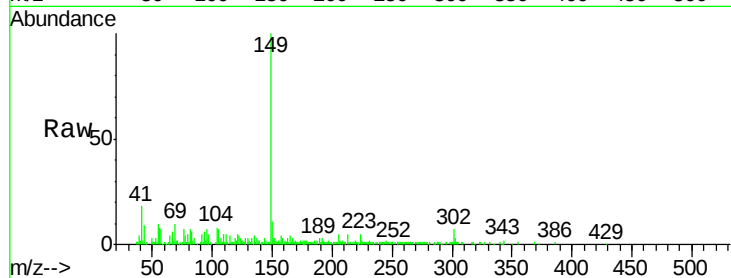
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Instrument :

BNA_G

ClientSampleId :

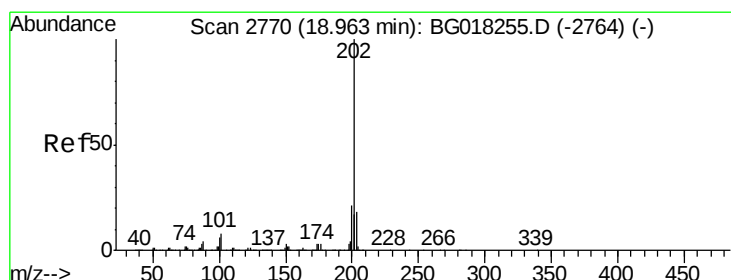
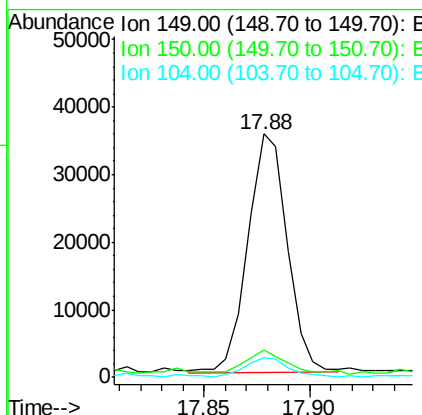
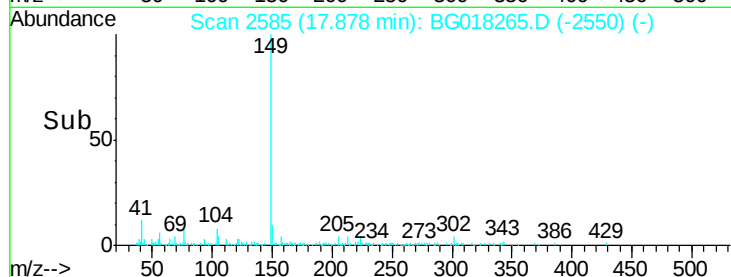
C01W7



Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.7	11.5
104	7.9	3.6	5.4#

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#77

Fluoranthene

Concen: 13.37 ng/ul

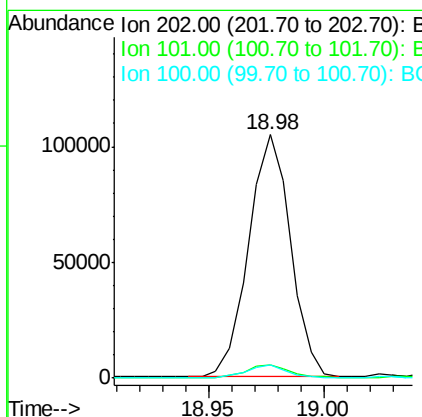
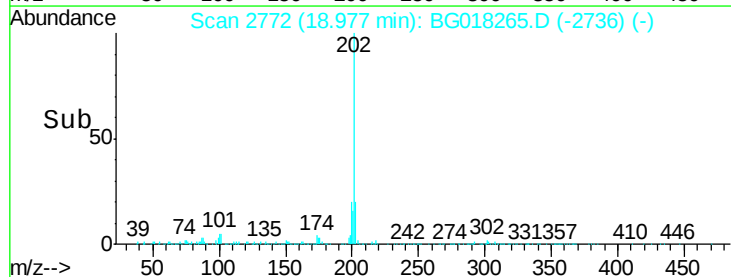
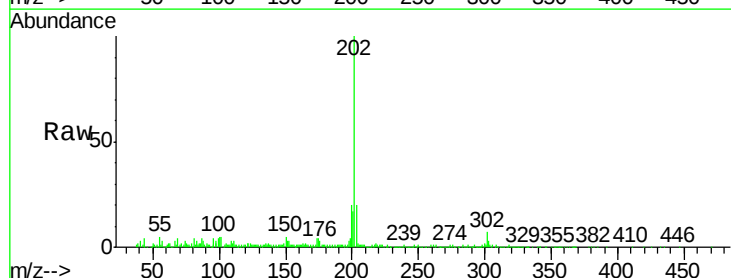
RT: 18.98 min Scan# 2772

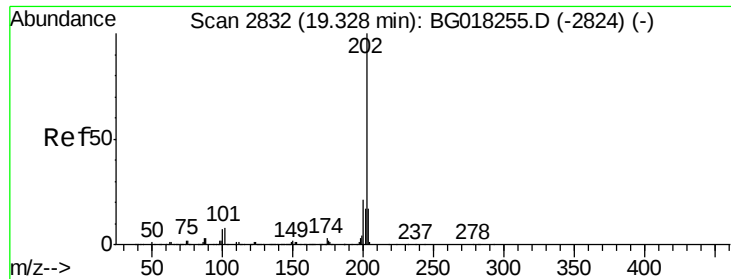
Delta R.T. 0.01 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	7.5	11.3#
100	5.3	5.5	8.3#





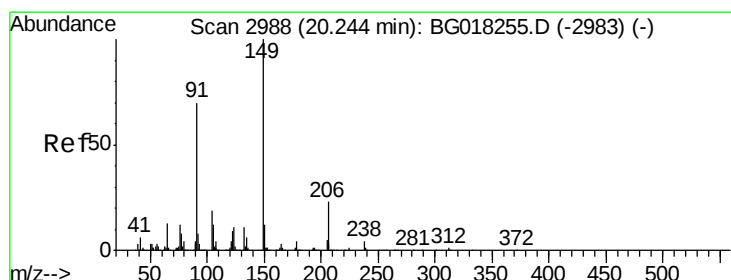
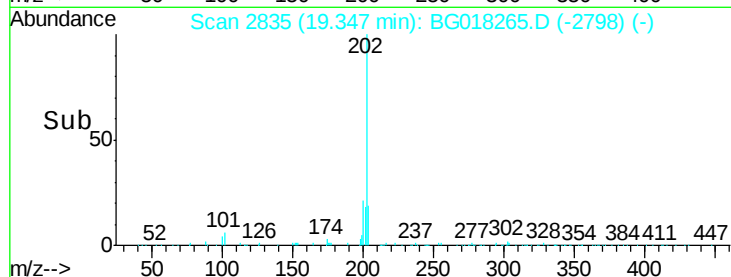
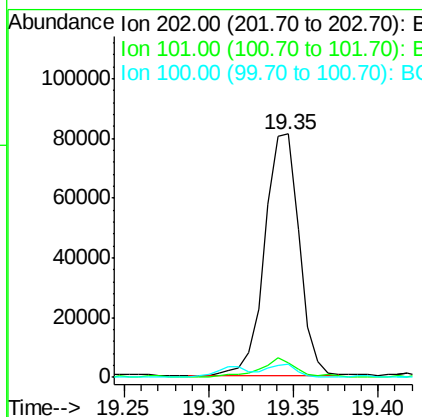
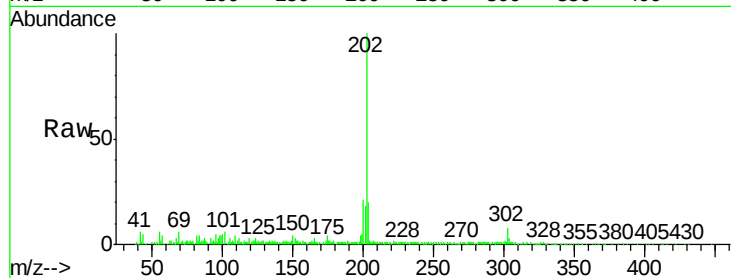
#80
 Pyrene
 Concen: 13.77 ng/ul
 RT: 19.35 min Scan# 2835
 Delta R.T. 0.02 min
 Lab File: BG018265.D
 Acq: 4 Aug 2015 22:25

Instrument :
 BNA_G
 ClientSampleId :
 C01W7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.1	8.1	12.1#
100	5.2	7.4	11.0#

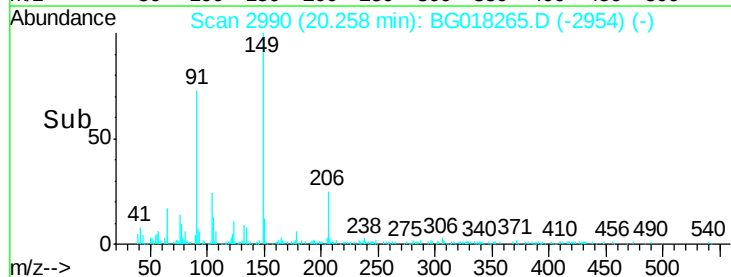
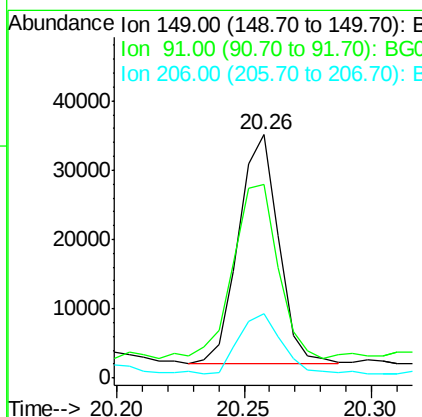
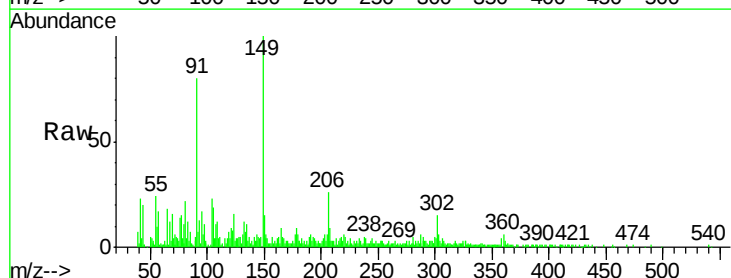
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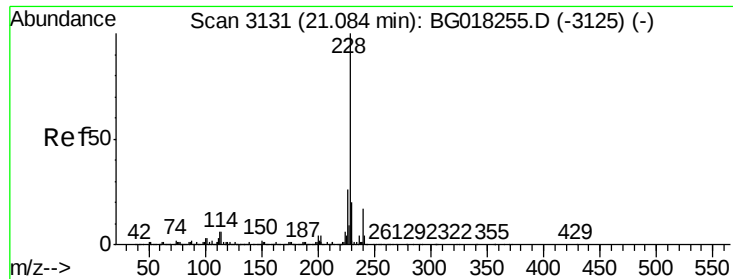
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#81
 Butylbenzylphthalate
 Concen: 10.78 ng/ul
 RT: 20.26 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG018265.D
 Acq: 4 Aug 2015 22:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	79.8	46.6	69.8#
206	26.4	21.8	32.8





#83

Benzo(a)anthracene

Concen: 6.46 ng/ul

RT: 21.10 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Instrument :

BNA_G

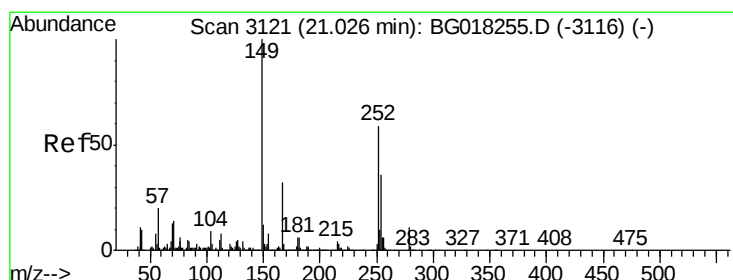
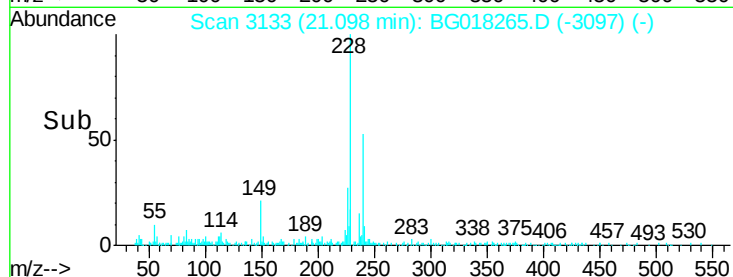
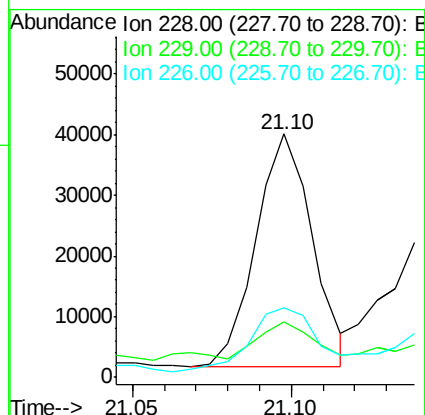
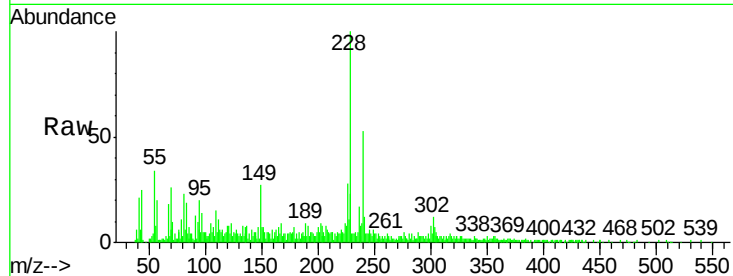
ClientSampled :

C01W7

Tgt Ion:	228	Resp:	47664
Ion Ratio	Lower	Upper	
228	100		
229	23.0	16.5	24.7
226	28.4	21.5	32.3

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 408.77 ng/ul

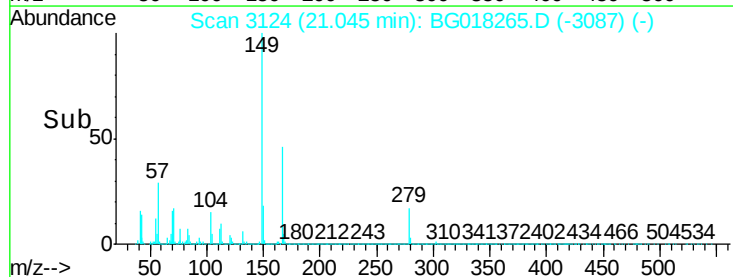
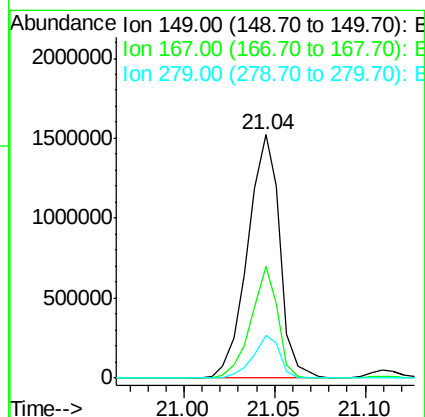
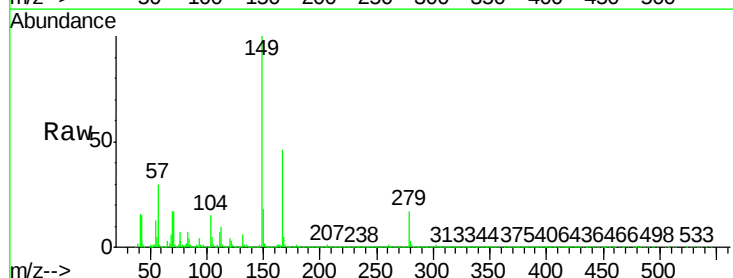
RT: 21.04 min Scan# 3124

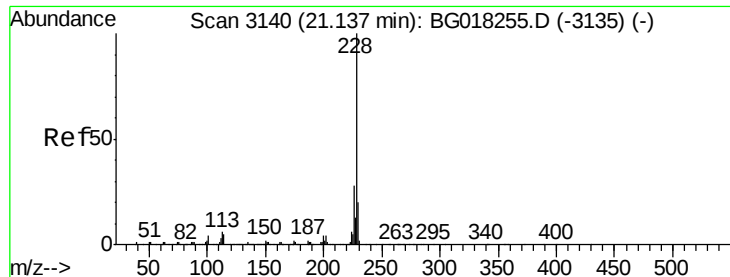
Delta R.T. 0.02 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Tgt Ion:	149	Resp:	1861245
Ion Ratio	Lower	Upper	
149	100		
167	45.7	27.4	41.2#
279	17.4	8.3	12.5#





#85

Chrysene

Concen: 8.38 ng/ul

RT: 21.15 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Instrument :

BNA_G

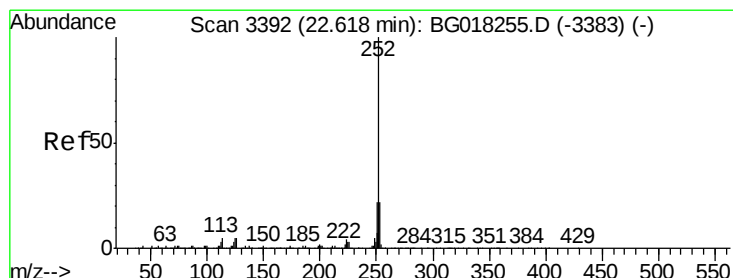
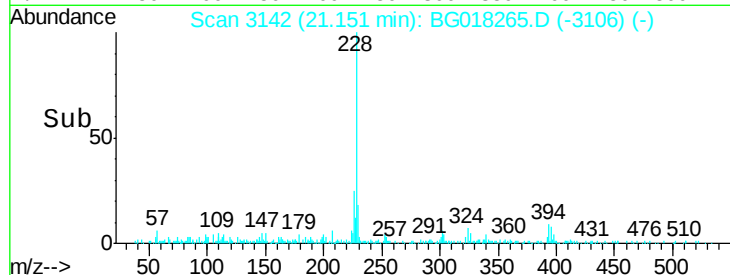
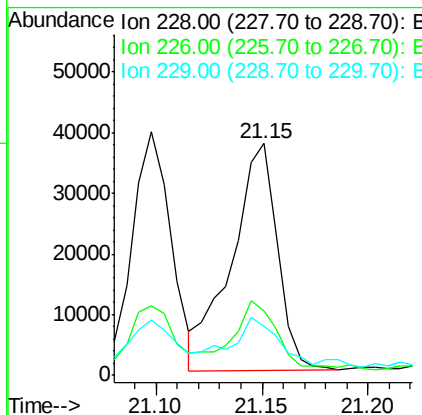
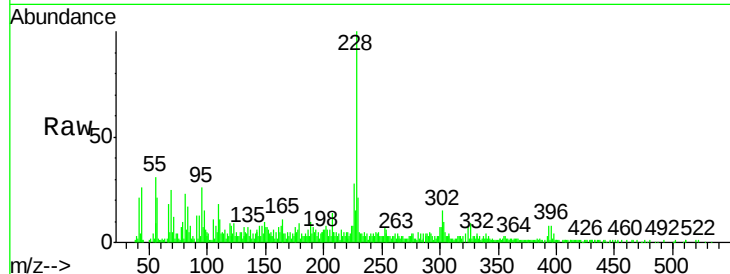
ClientSampled :

C01W7

Tgt Ion:	228	Resp:	56645
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.7	34.1
229	21.2	16.2	24.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 9.22 ng/ul

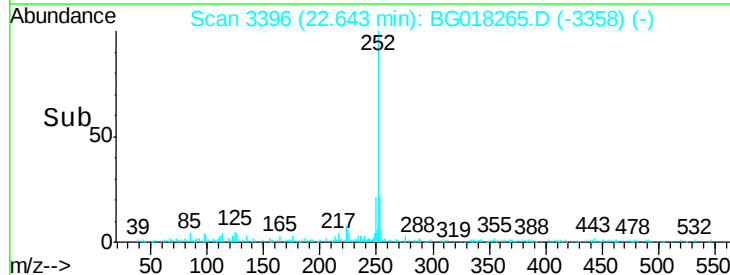
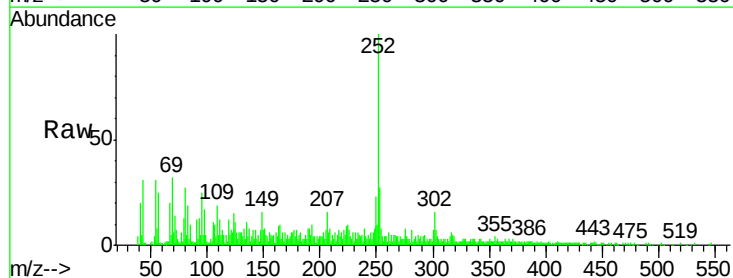
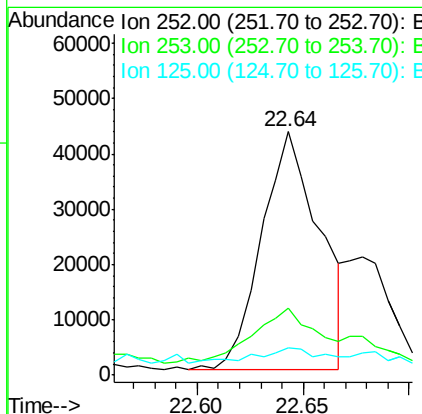
RT: 22.64 min Scan# 3396

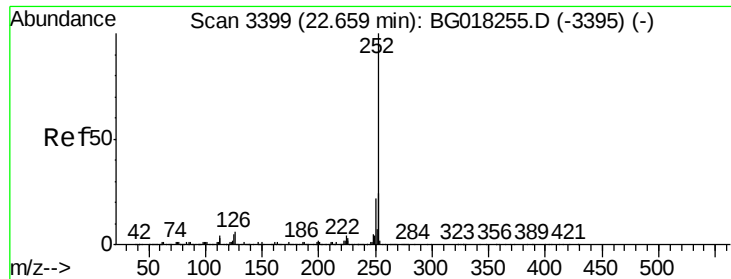
Delta R.T. 0.03 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Tgt Ion:	252	Resp:	81858
Ion Ratio	Lower	Upper	
252	100		
253	27.4	18.5	27.7
125	11.0	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 3.72 ng/ul m

RT: 22.68 min Scan# 3402

Delta R.T. 0.02 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Instrument :

BNA_G

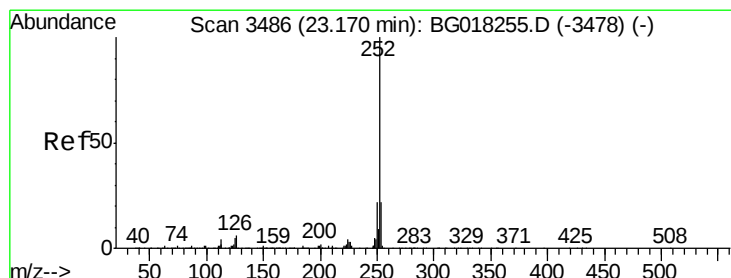
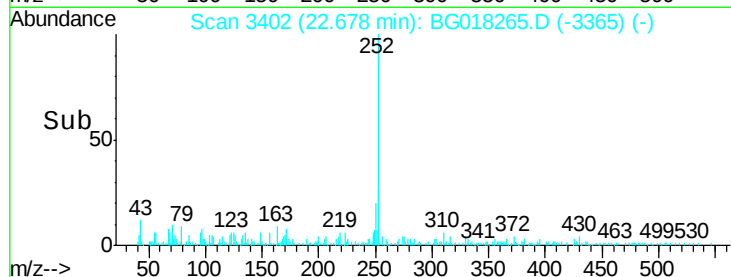
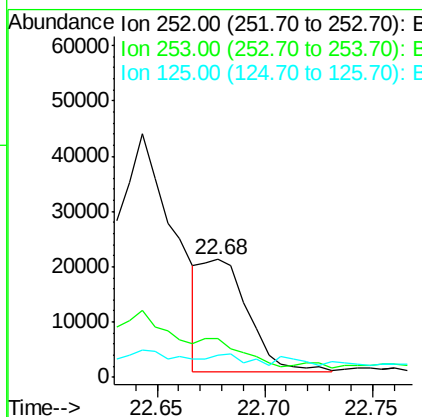
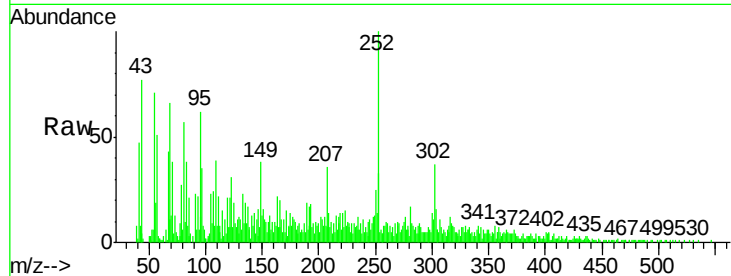
ClientSampleId :

C01W7

Tgt Ion:	252	Resp:	30360
Ion Ratio	Lower	Upper	
252	100		
253	33.4	18.2	27.2#
125	19.4	7.5	11.3#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 6.98 ng/ul m

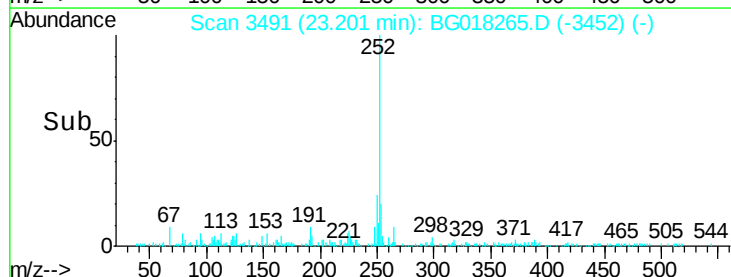
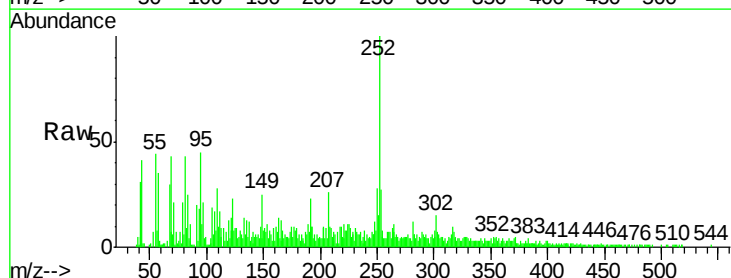
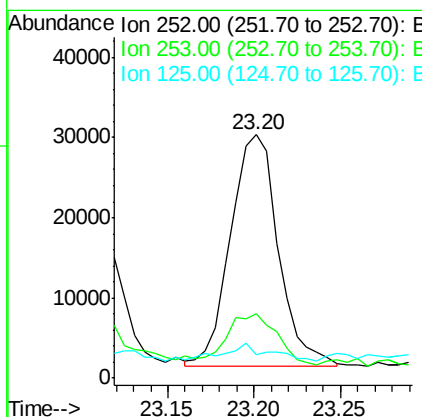
RT: 23.20 min Scan# 3491

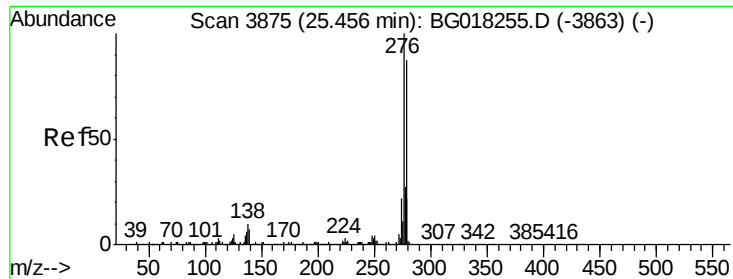
Delta R.T. 0.03 min

Lab File: BG018265.D

Acq: 4 Aug 2015 22:25

Tgt Ion:	252	Resp:	55444
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.4	26.2#
125	9.5	7.3	10.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.98 ng/ul m

RT: 25.50 min Scan# 3882

Delta R.T. 0.04 min

Lab File: BG018265.D

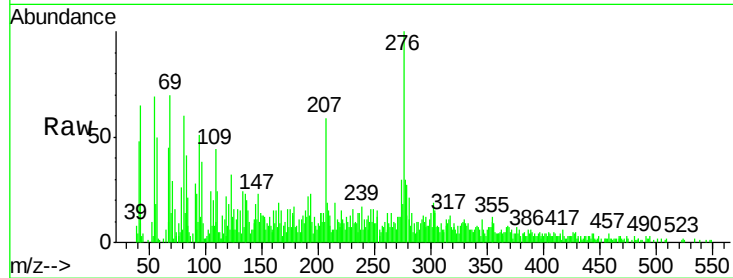
Acq: 4 Aug 2015 22:25

Instrument :

BNA_G

ClientSampleId :

C01W7



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	17.2	25.8#
277	30.3	19.5	29.3#

Manual Integrations
APPROVED

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