

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018351.D
 Acq On : 10 Aug 2015 5:15
 Operator : UM/TP
 Sample : G3136-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02C7

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:27:32 PM

Quant Time: Aug 10 08:16:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 07:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	149207	20.00	ng/ul	0.01
18) Naphthalene-d8	10.88	136	715093	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	439315	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	891101	20.00	ng/ul	0.01
78) Chrysene-d12	21.71	240	761366	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	750332	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5512	1.63	ng/uL	0.00
5) Phenol-d5	7.23	99	146567	10.82	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	93154	11.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	116263	11.21	ng/ul	0.01
13) 4-Methylphenol-d8	8.78	113	103889	9.13	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	60622	10.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	61404	10.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	121888	10.12	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	108741	7.99	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	379626	10.27	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	413605	8.89	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	29825	4.49	ng/ul	0.02
58) Fluorene-d10	15.69	176	281014	8.73	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.79	200	2049	0.47	ng/ul	0.01
71) Anthracene-d10	17.54	188	370967	8.70	ng/ul	0.01
79) Pyrene-d10	19.82	212	343096	8.69	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	334569	8.40	ng/ul	0.03

Target Compounds

						Ovalue
45) Dimethylphthalate	14.14	163	200538	5.50	ng/ul	98
70) Phenanthrene	17.48	178	135448	2.80	ng/ul	96
77) Fluoranthene	19.48	202	222628	4.31	ng/ul	99
80) Pyrene	19.85	202	204692	3.98	ng/ul	97
83) Benzo(a)anthracene	21.69	228	110636	2.34	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.60	149	52982	1.72	ng/ul#	93
85) Chrysene	21.76	228	112942	2.56	ng/ul#	96
88) Benzo(b)fluoranthene	23.93	252	176674	3.75	ng/ul#	90
89) Benzo(k)fluoranthene	24.00	252	55991m	1.23	ng/ul	
91) Benzo(a)pyrene	24.81	252	117455	2.62	ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	28.68	276	85296m	1.64	ng/ul	
94) Benzo(g,h,i)perylene	29.81	276	75106m	1.72	ng/ul	

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

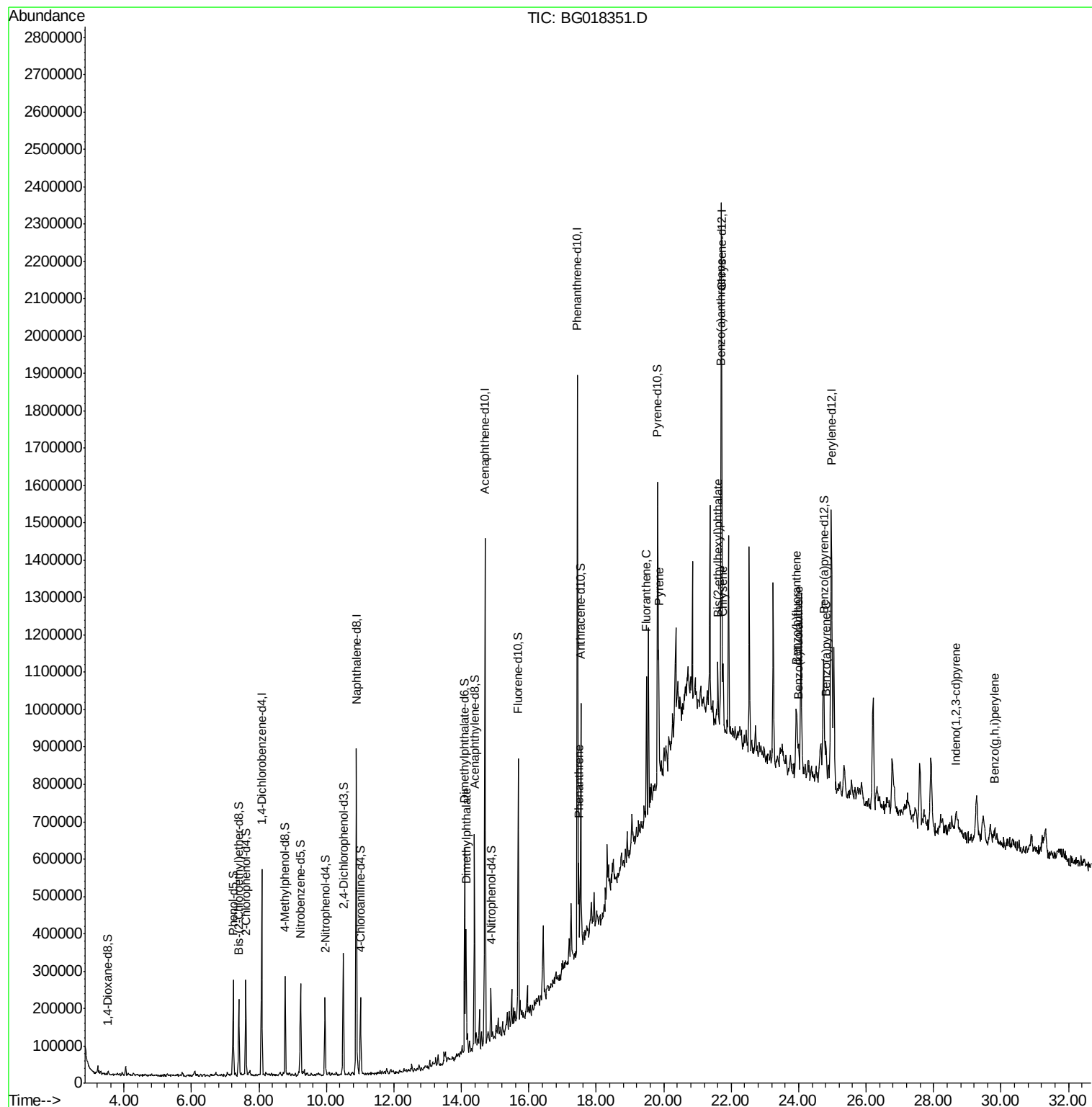
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

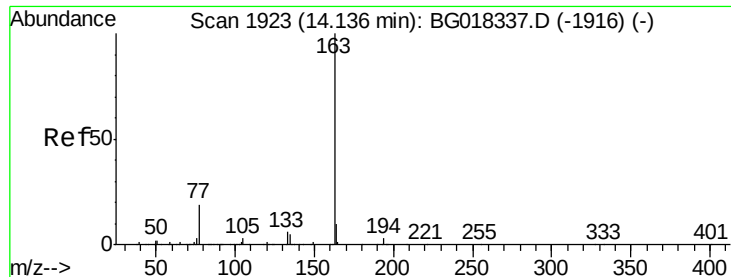
Instrument :
BNA_G
ClientSampled :
C02C7

Manual Integrations
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Quant Time: Aug 10 08:16:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
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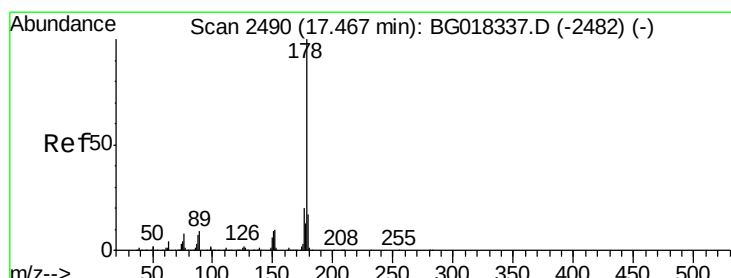
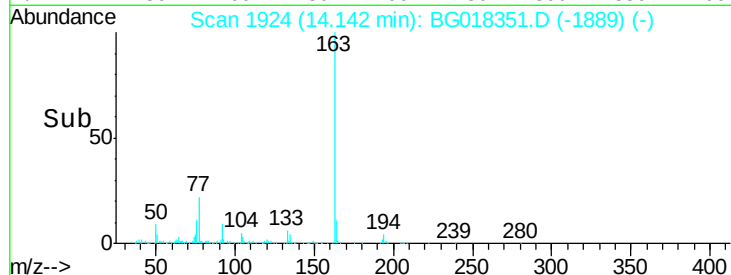
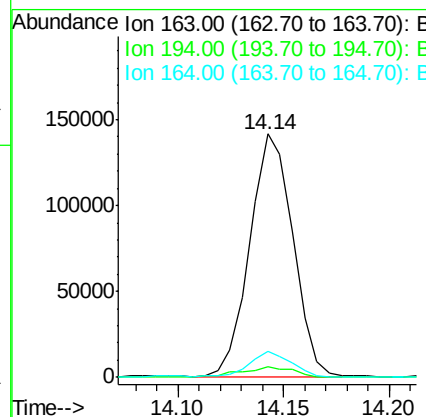
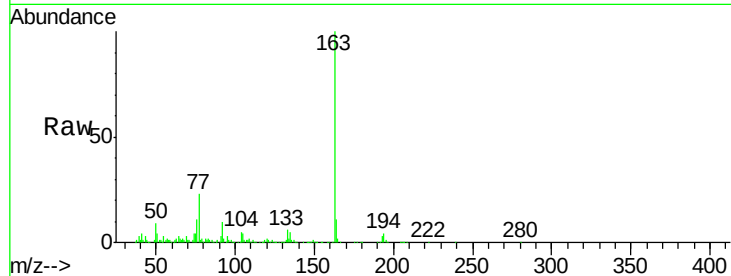
#45
Dimethylphthalate
Concen: 5.50 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018351.D
Acq: 10 Aug 2015 5:15

Instrument :
BNA_G
ClientSampleId :
C02C7

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.5	7.7	11.5

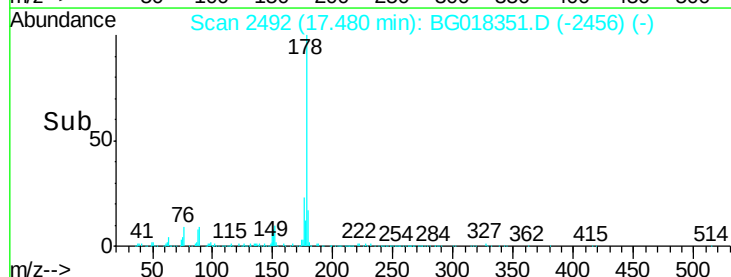
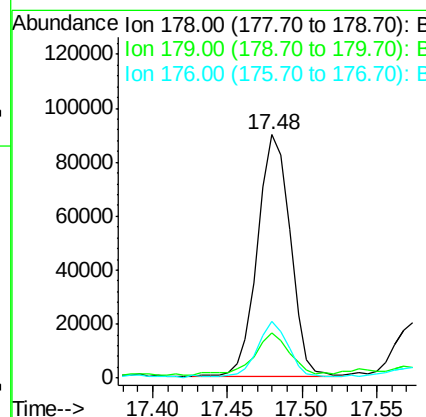
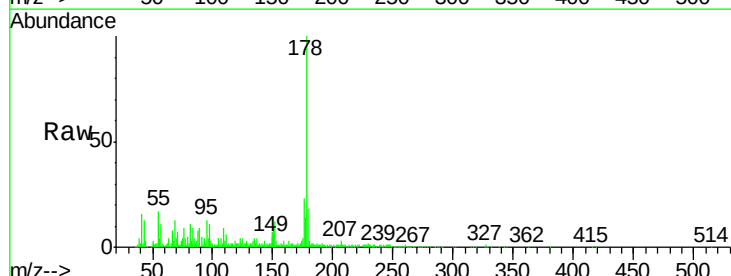
Manual Integrations
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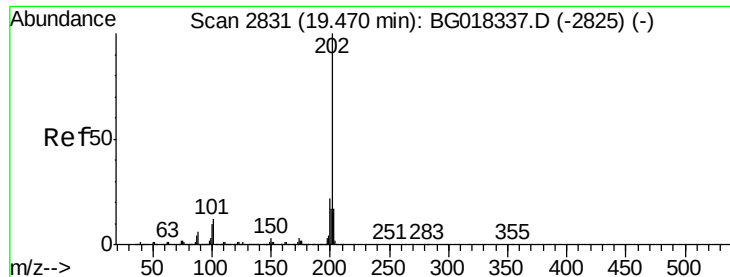
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#70
Phenanthrene
Concen: 2.80 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BG018351.D
Acq: 10 Aug 2015 5:15

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	18.4	13.7	20.5
176	23.1	16.6	24.8





#77

Fluoranthene

Concen: 4.31 ng/ul

RT: 19.48 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Instrument :

BNA_G

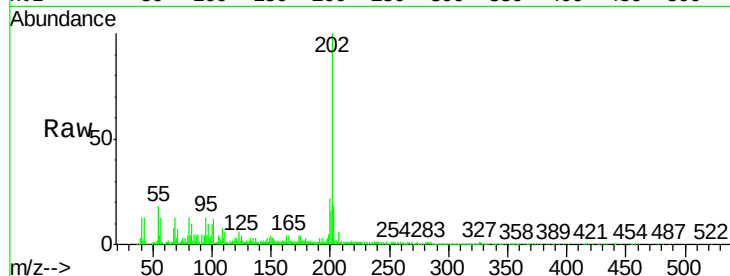
ClientSampleId :

C02C7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	222628		
101	12.5	9.7	14.5	
100	10.0	7.8	11.8	

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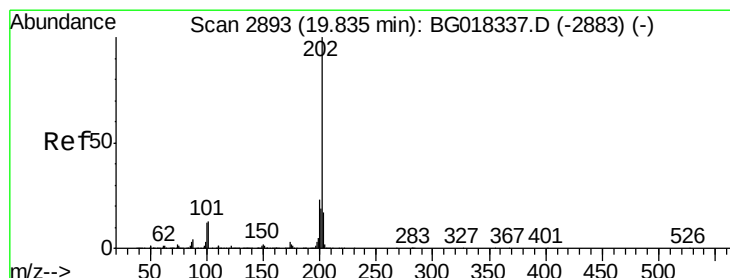
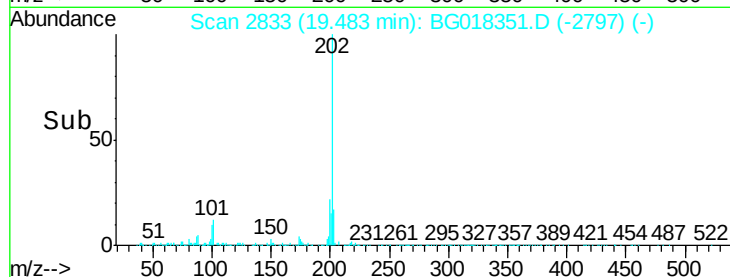
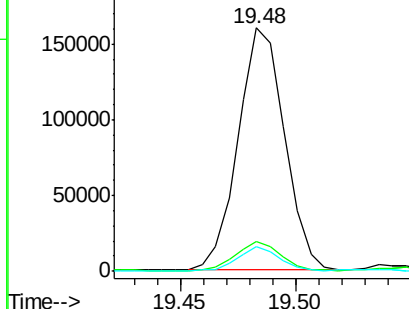
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.98 ng/ul

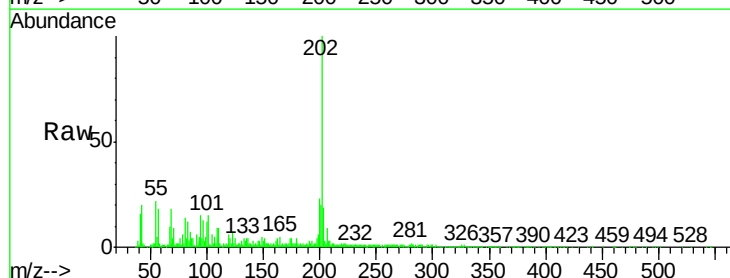
RT: 19.85 min Scan# 2895

Delta R.T. 0.01 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

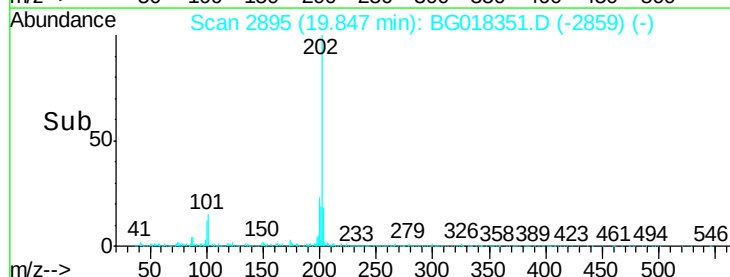
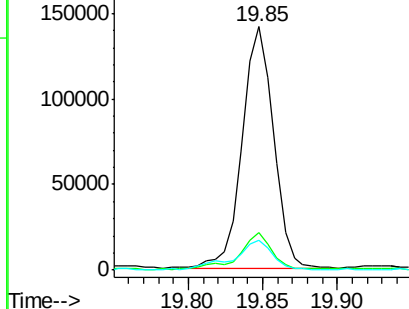
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	204692		
101	15.4	11.0	16.4	
100	12.5	9.8	14.6	

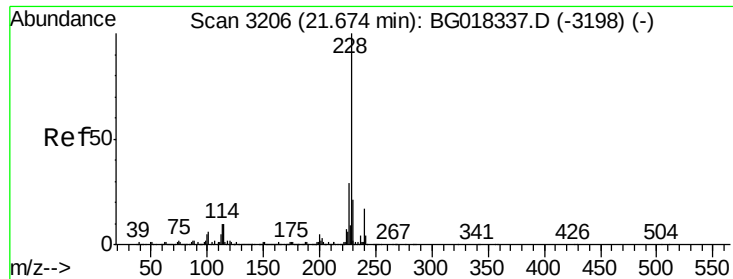


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 2.34 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. 0.02 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Instrument :

BNA_G

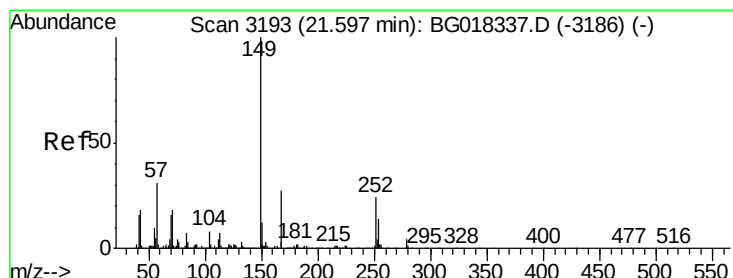
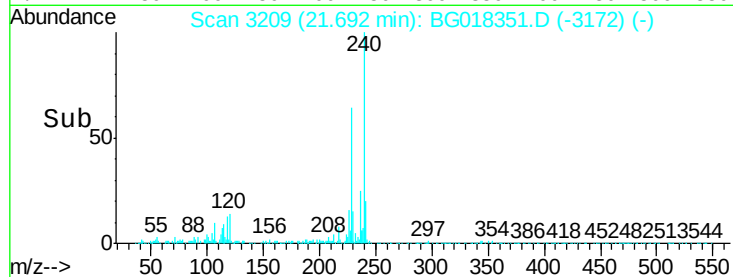
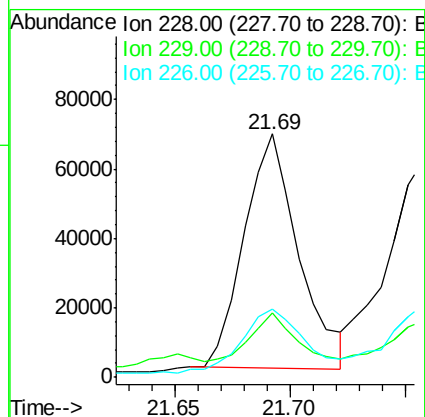
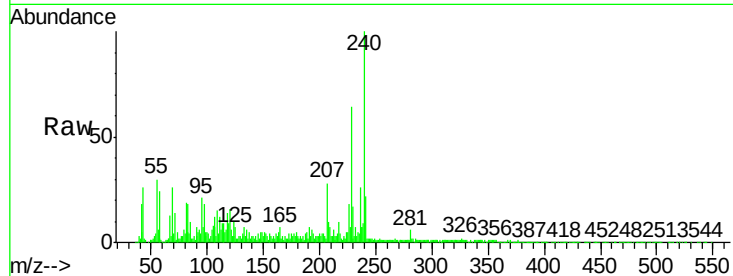
ClientSampleId :

C02C7

Tot Ion:	228	Resp:	110636
Ion Ratio	Lower	Upper	
228	100		
229	26.2	15.5	23.3#
226	28.0	22.1	33.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.72 ng/ul

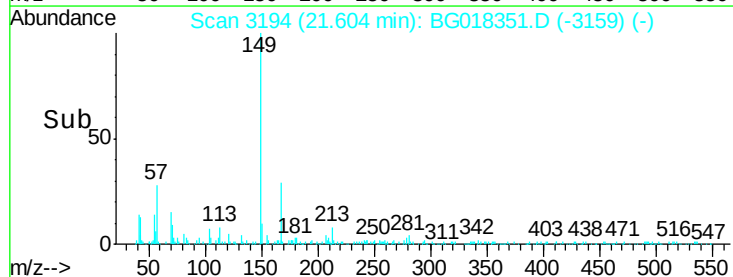
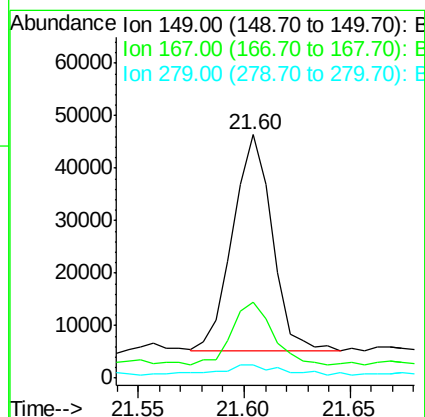
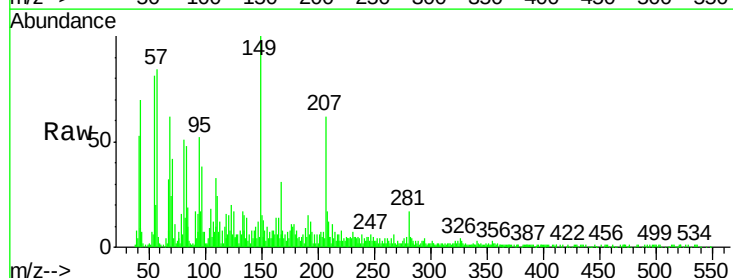
RT: 21.60 min Scan# 3194

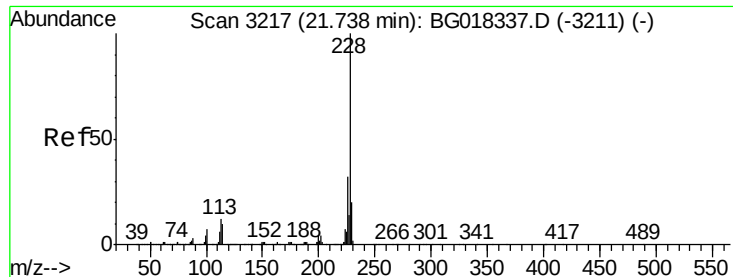
Delta R.T. 0.01 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Tgt Ion:	149	Resp:	52982
Ion Ratio	Lower	Upper	
149	100		
167	31.3	22.2	33.2
279	5.3	2.8	4.2#





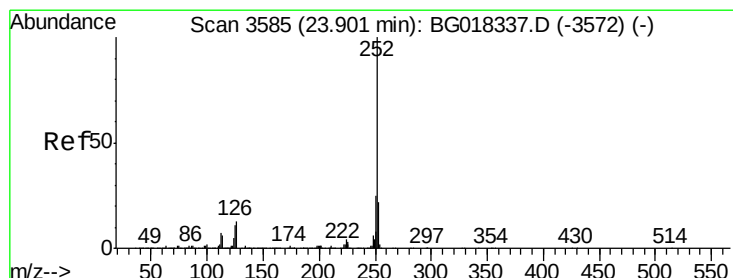
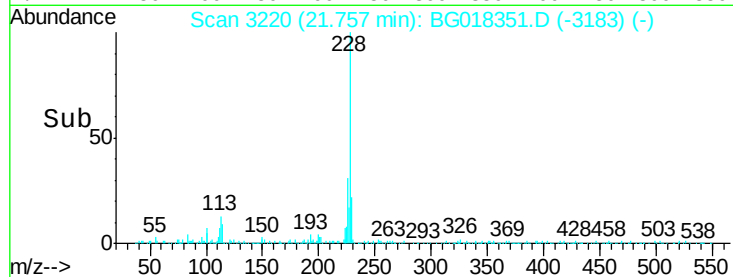
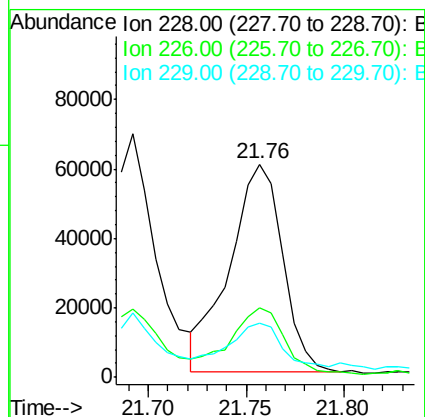
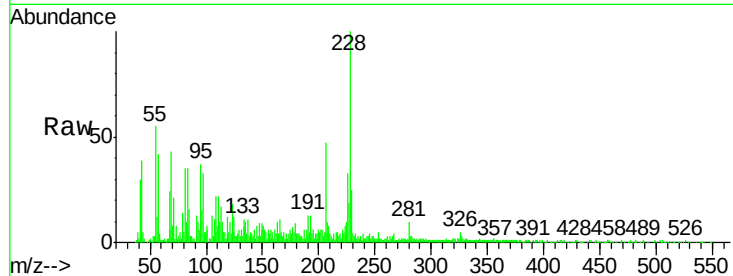
#85
 Chrysene
 Concen: 2.56 ng/ul
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG018351.D
 Acq: 10 Aug 2015 5:15

Instrument :
 BNA_G
 ClientSampleId :
 C02C7

Tot Ion:	228	Resp:	112942
Ion Ratio	Lower	Upper	
228	100		
226	32.6	26.5	39.7
229	25.4	16.9	25.3#

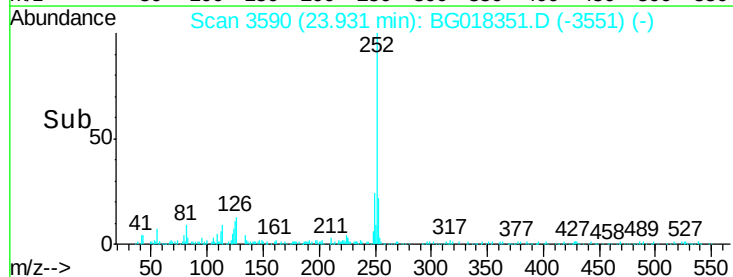
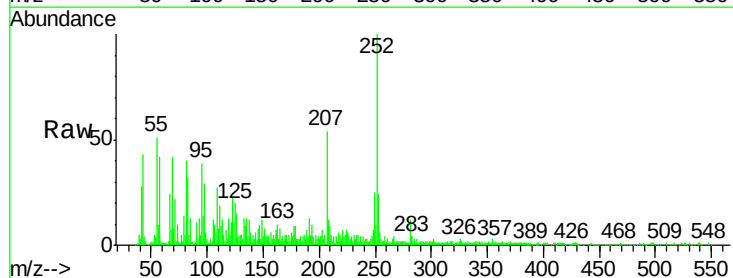
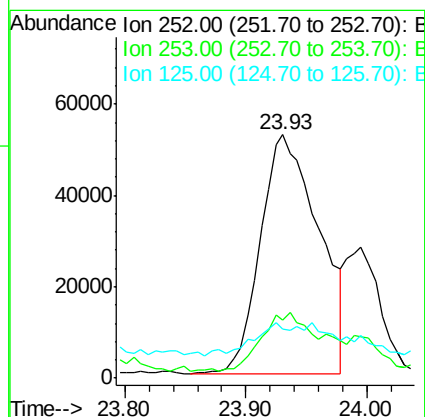
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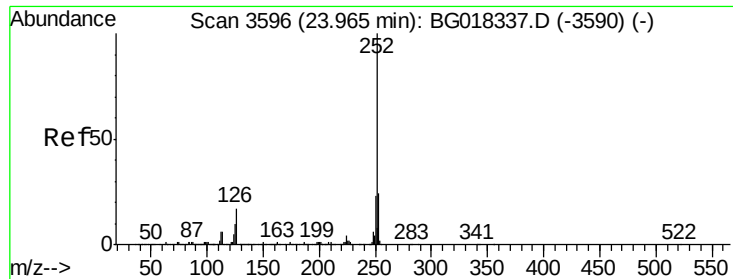
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#88
 Benzo(b)fluoranthene
 Concen: 3.75 ng/ul
 RT: 23.93 min Scan# 3590
 Delta R.T. 0.03 min
 Lab File: BG018351.D
 Acq: 10 Aug 2015 5:15

Tgt Ion:	252	Resp:	176674
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.1	27.1
125	19.9	8.3	12.5#





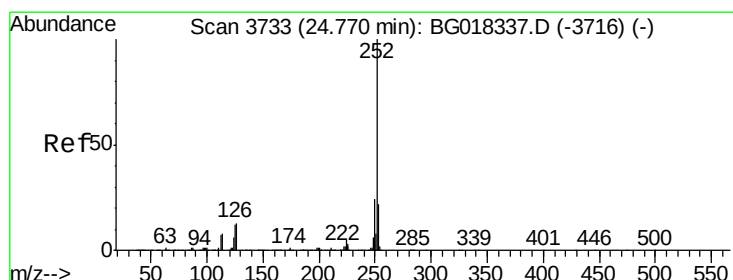
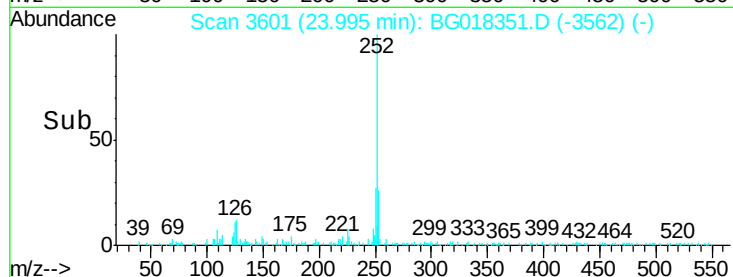
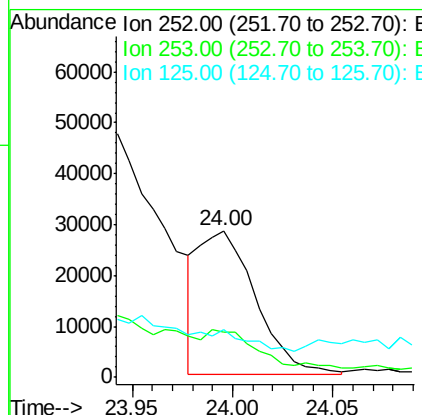
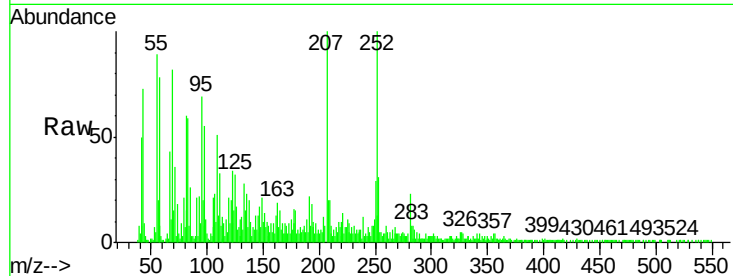
#89
Benzo(k)fluoranthene
Concen: 1.23 ng/ul m
RT: 24.00 min Scan# 3601
Delta R.T. 0.03 min
Lab File: BG018351.D
Acq: 10 Aug 2015 5:15

Instrument :
BNA_G
ClientSampleId :
C02C7

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.8	26.6#
125	32.4	9.0	13.4#

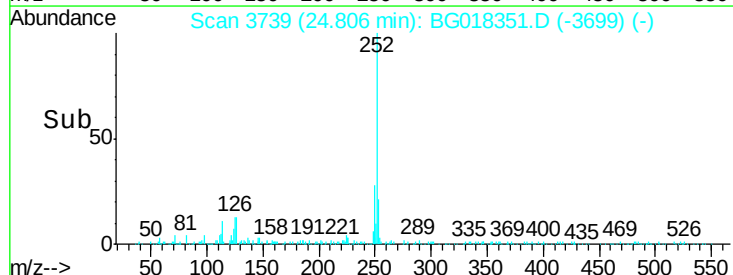
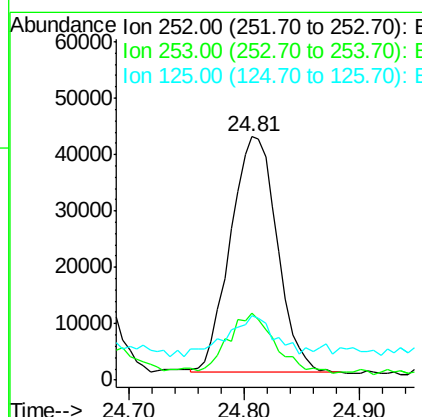
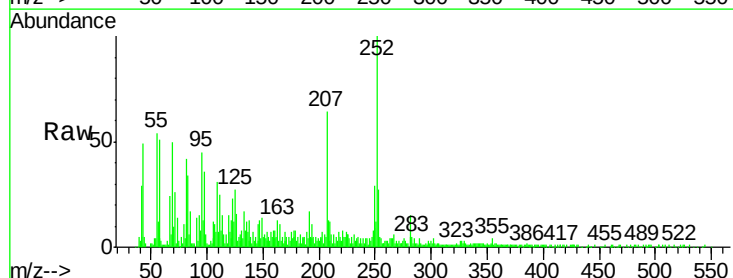
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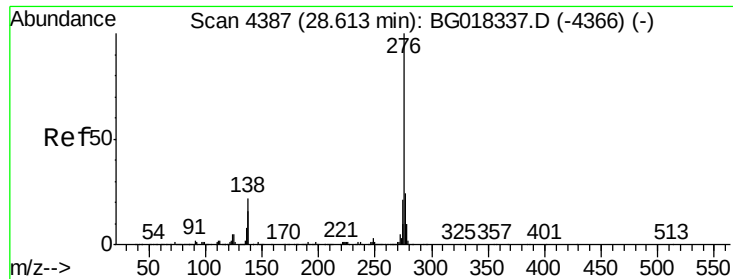
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#91
Benzo(a)pyrene
Concen: 2.62 ng/ul
RT: 24.81 min Scan# 3739
Delta R.T. 0.04 min
Lab File: BG018351.D
Acq: 10 Aug 2015 5:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.7	26.5#
125	26.7	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.64 ng/ul m

RT: 28.68 min Scan# 4398

Delta R.T. 0.07 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Instrument :

BNA_G

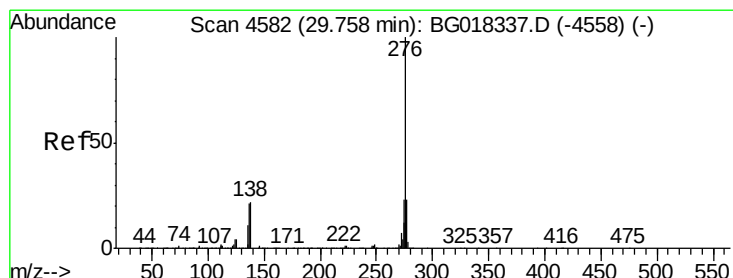
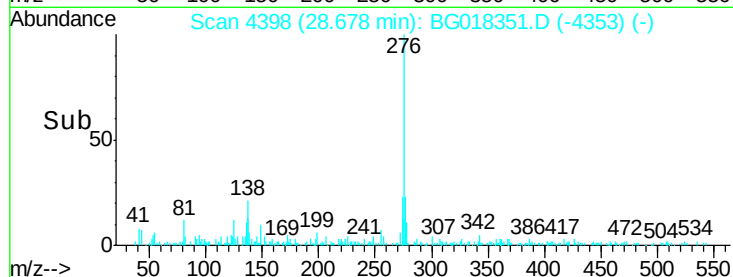
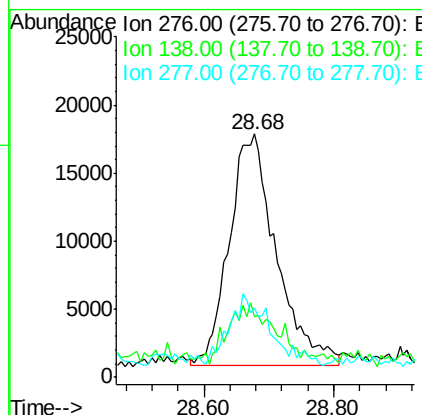
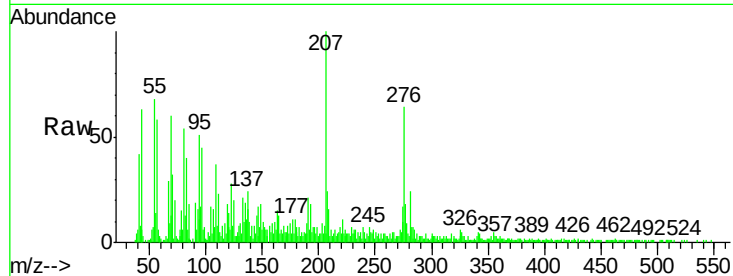
ClientSampleId :

C02C7

Tot Ion:	276	Resp:	85296
Ion Ratio	Lower	Upper	
276	100		
138	25.1	15.8	23.6#
277	28.5	18.9	28.3#

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 1.72 ng/ul m

RT: 29.81 min Scan# 4591

Delta R.T. 0.05 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Tgt Ion:	276	Resp:	75106
Ion Ratio	Lower	Upper	
276	100		
138	33.7	16.5	24.7#
277	29.2	19.0	28.6#

