

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018252.D
 Acq On : 3 Aug 2015 20:55
 Operator : UM/TP
 Sample : G3109-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:18:23 PM

Quant Time: Aug 04 05:02:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	30908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	137714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	93787	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	178658	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	124675	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	120023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	1321m	3.23	ng/uL	0.00
5) Phenol-d5	6.66	99	39442	14.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	21181	14.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	32713	15.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	23486	10.38	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	19072	17.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	22111	17.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	36257	16.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	17342	6.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	129686	17.89	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	139453	16.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	17377	12.95	ng/ul	0.00
58) Fluorene-d10	15.14	176	106583	16.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	15137	12.13	ng/ul	0.00
71) Anthracene-d10	16.99	188	128900	16.59	ng/ul	0.00
79) Pyrene-d10	19.30	212	110244	18.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	87946	14.49	ng/ul	0.00

Target Compounds

						Qvalue
34) 2-Methylnaphthalene	11.92	142	6379	1.22	ng/ul	83
45) Dimethylphthalate	13.60	163	50204	6.96	ng/ul#	97
59) Fluorene	15.19	166	8461	1.20	ng/ul	99
70) Phenanthrene	16.94	178	99675	10.98	ng/ul	98
72) Anthracene	17.02	178	25075	2.78	ng/ul	94
76) Di-n-butylphthalate	17.88	149	10141	1.02	ng/ul#	97
77) Fluoranthene	18.97	202	170469	17.10	ng/ul#	93
80) Pyrene	19.33	202	132471	17.52	ng/ul#	91
83) Benzo(a)anthracene	21.09	228	57733	8.60	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.03	149	12030	2.90	ng/ul	92
85) Chrysene	21.14	228	65910	10.72	ng/ul	98
88) Benzo(b)fluoranthene	22.63	252	87249	12.10	ng/ul	93
89) Benzo(k)fluoranthene	22.66	252	30404	4.59	ng/ul	96
91) Benzo(a)pyrene	23.18	252	60053	9.31	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.47	276	45477	6.09	ng/ul#	87
94) Benzo(g,h,i)perylene	26.14	276	44510	7.30	ng/ul#	87

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

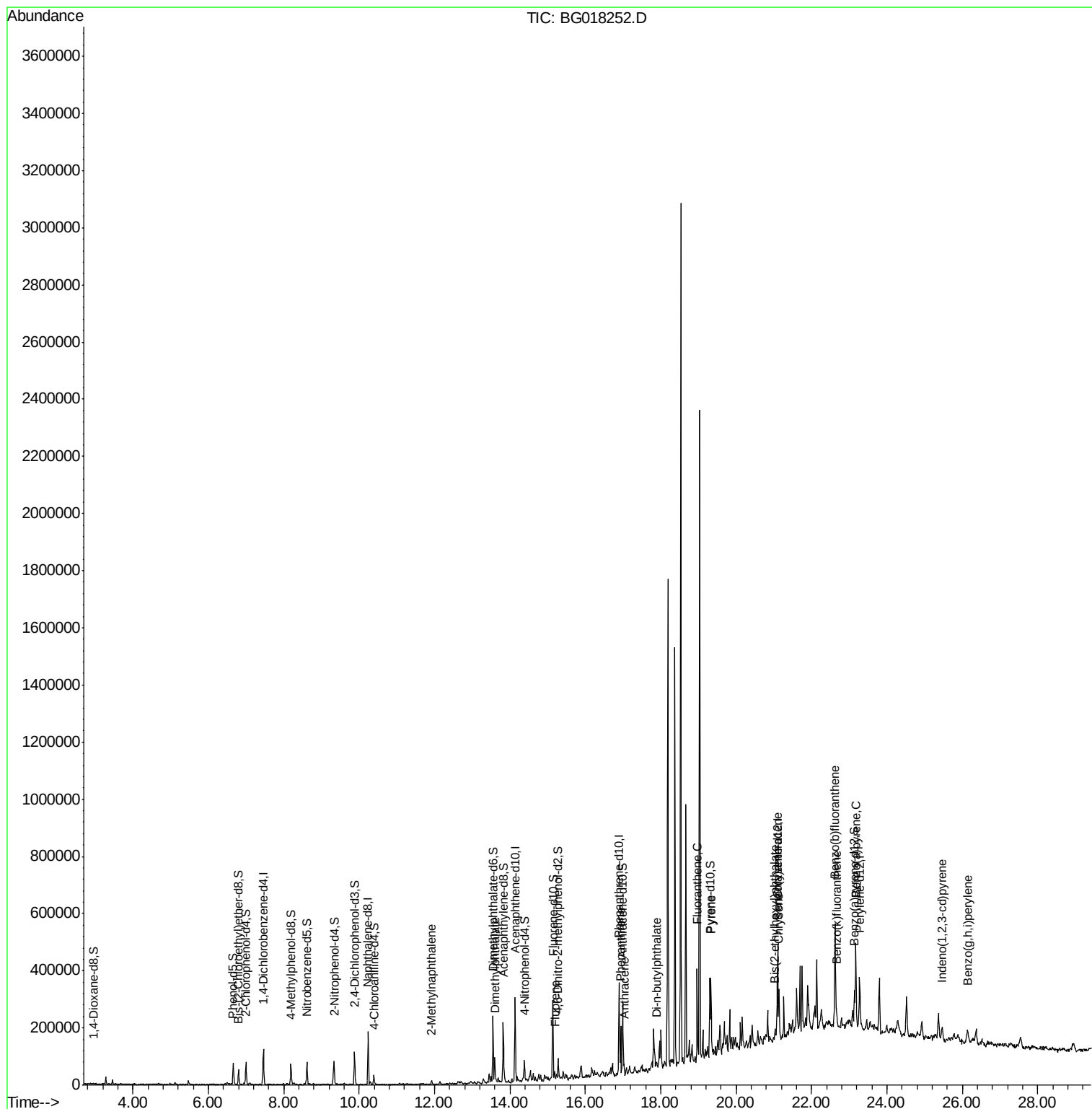
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018252.D
Acq On : 3 Aug 2015 20:55
Operator : UM/TP
Sample : G3109-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

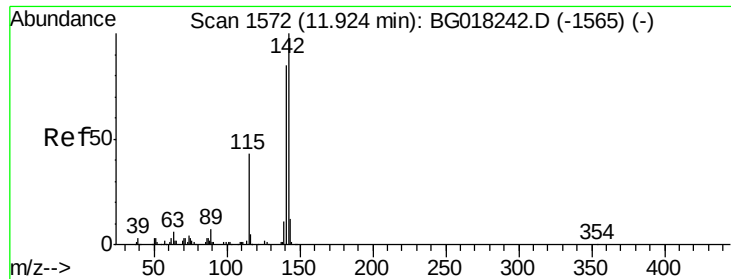
Instrument :
BNA_G
ClientSampleId :
C02K4

Manual Integrations
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8/4/2015 12:18:23 PM

Quant Time: Aug 04 05:02:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration





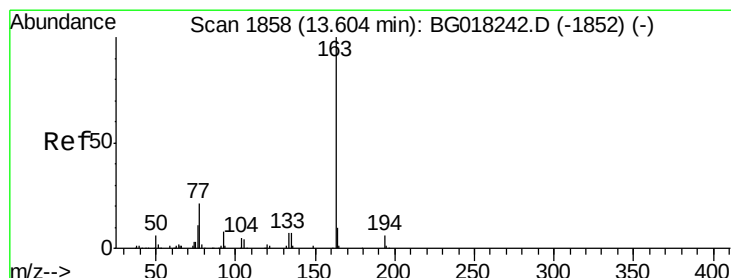
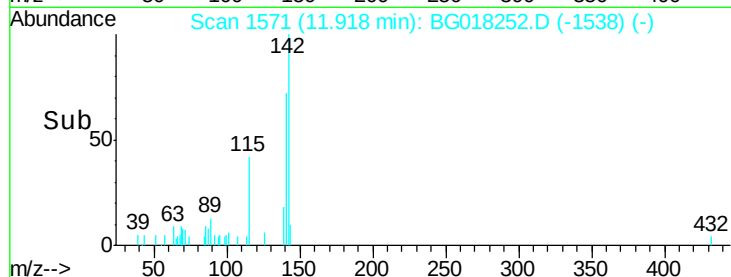
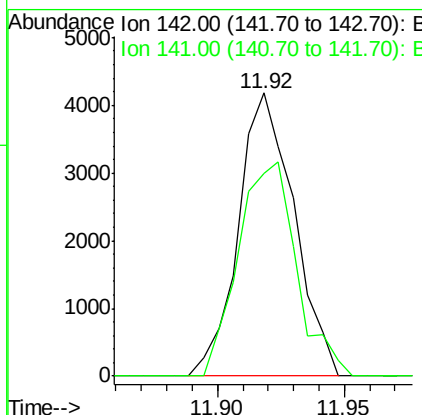
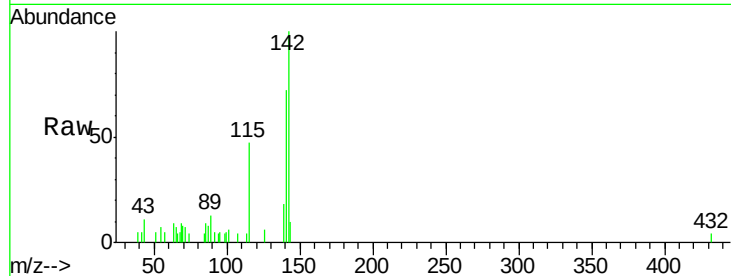
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 2-Methylnaphthalene
 Concen: 1.22 ng/ul
 RT: 11.92 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Tgt Ion	Ratio	Lower	Upper
142	100		
141	71.7	70.3	105.5

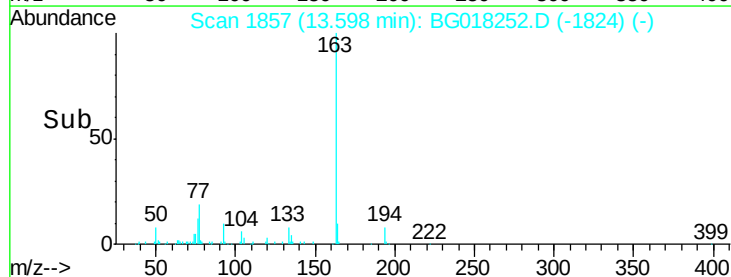
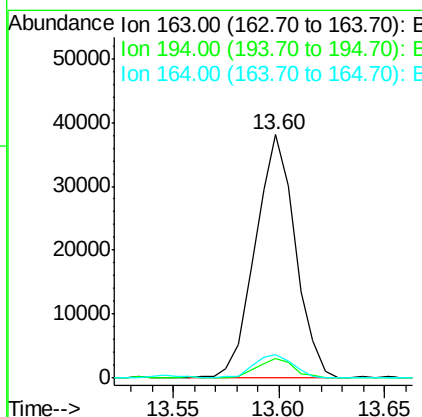
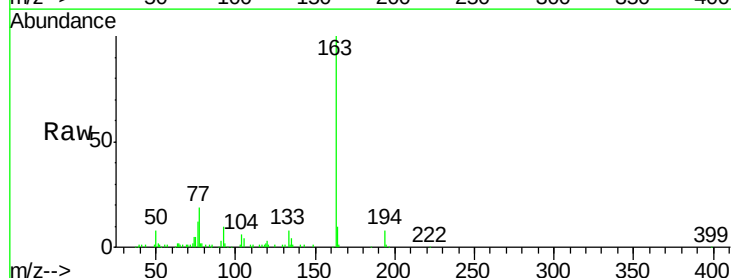
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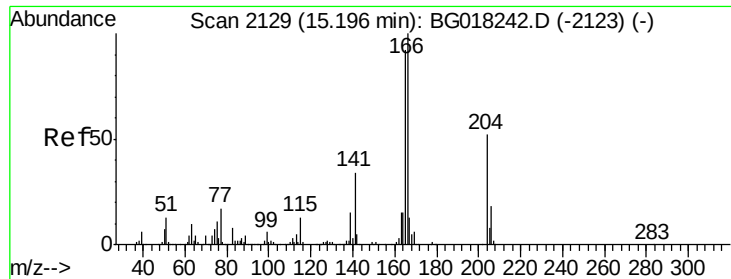
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#45
 Dimethylphthalate
 Concen: 6.96 ng/ul
 RT: 13.60 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.1	5.2	7.8#
164	9.9	8.4	12.6





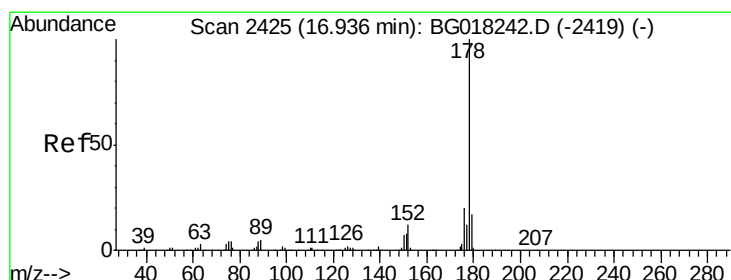
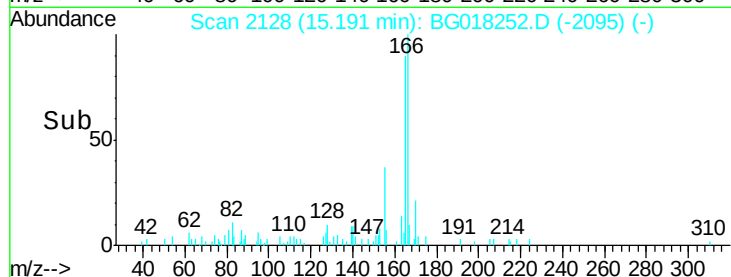
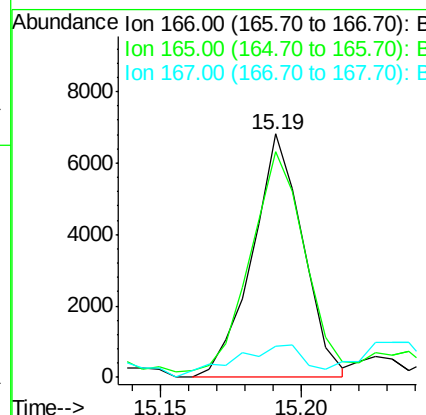
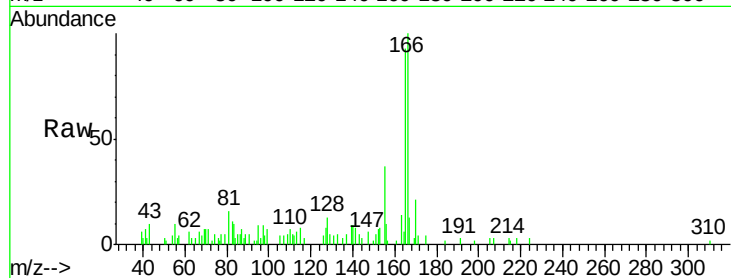
#59
 Fluorene
 Concen: 1.20 ng/ul
 RT: 15.19 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	8461		
165	92.9	75.1	112.7	
167	12.8	11.8	17.6	

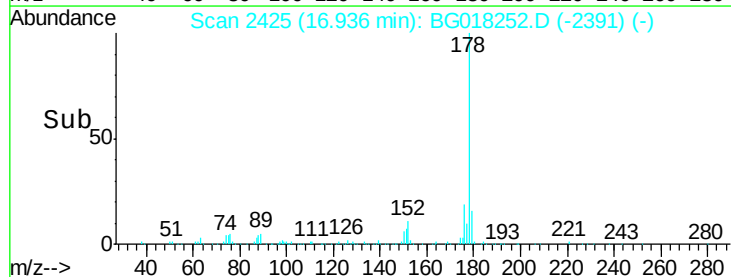
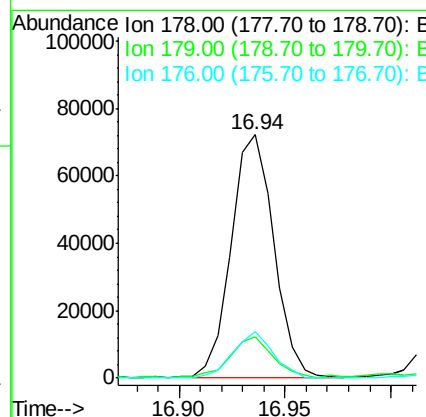
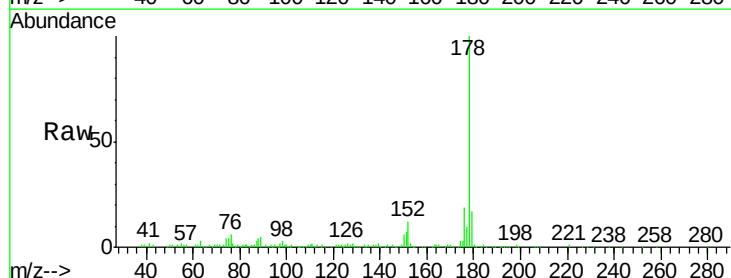
Manual Integrations
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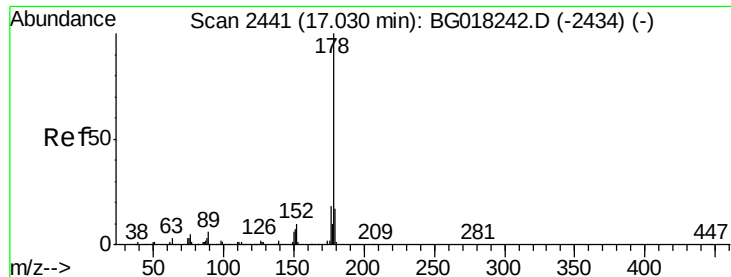
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#70
 Phenanthrene
 Concen: 10.98 ng/ul
 RT: 16.94 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	99675		
179	16.8	12.8	19.2	
176	19.3	16.0	24.0	





#72

Anthracene

Concen: 2.78 ng/ul

RT: 17.02 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

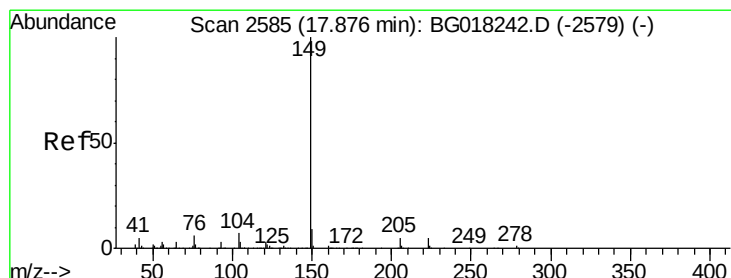
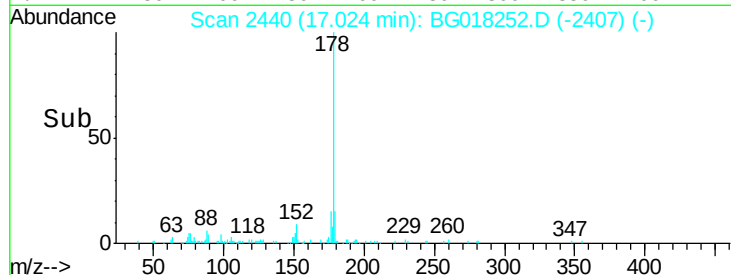
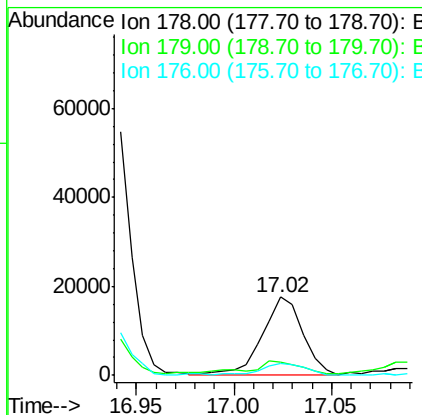
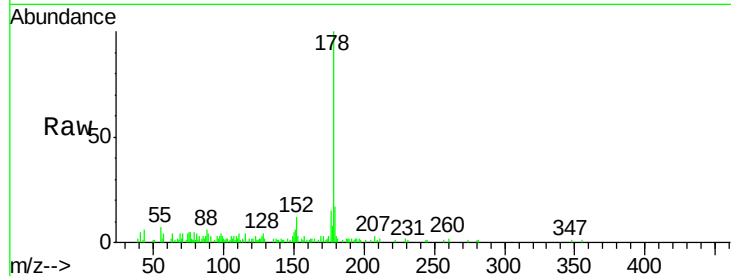
ClientSampleId :

C02K4

Tgt Ion:	178	Resp:	25075
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.2	18.2
176	14.9	14.8	22.2

Manual Integrations
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#76

Di-n-butylphthalate

Concen: 1.02 ng/ul

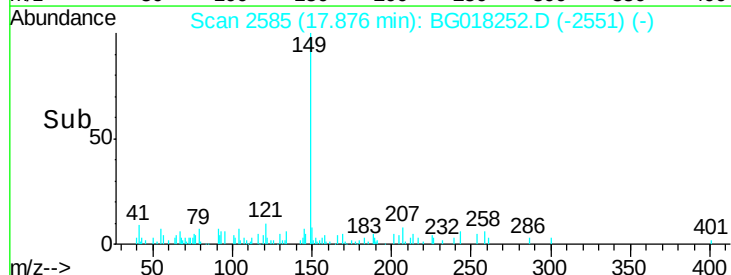
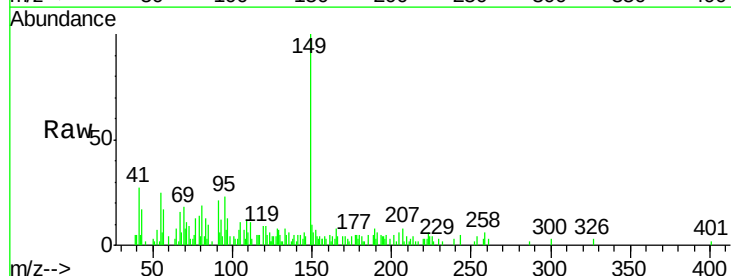
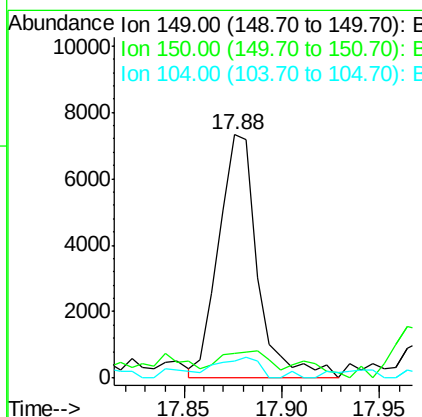
RT: 17.88 min Scan# 2585

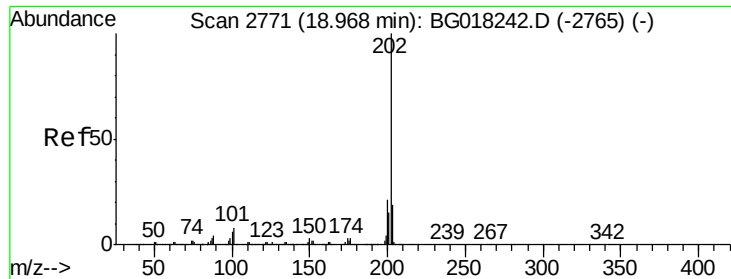
Delta R.T. 0.00 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Tgt Ion:	149	Resp:	10141
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.7	11.5
104	6.9	3.6	5.4#





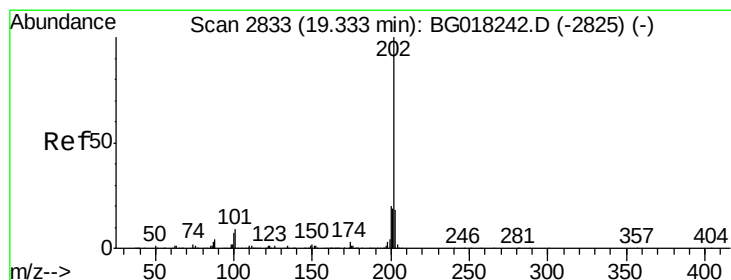
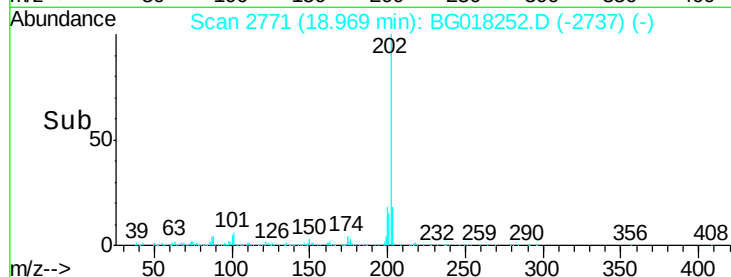
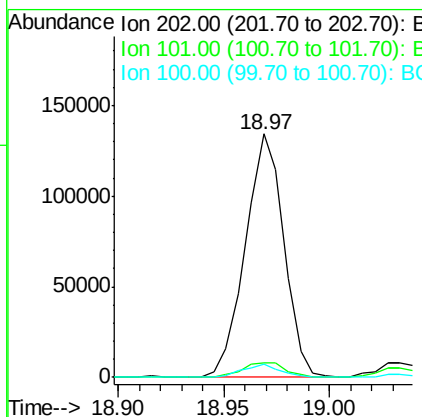
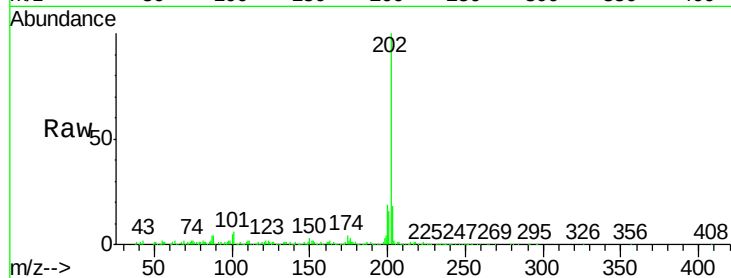
#77
 Fluoranthene
 Concen: 17.10 ng/ul
 RT: 18.97 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.2	7.5	11.3#
100	5.2	5.5	8.3#

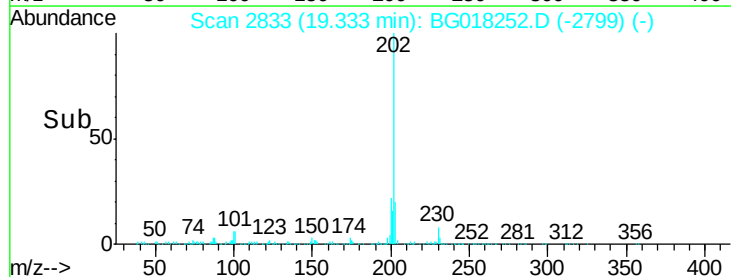
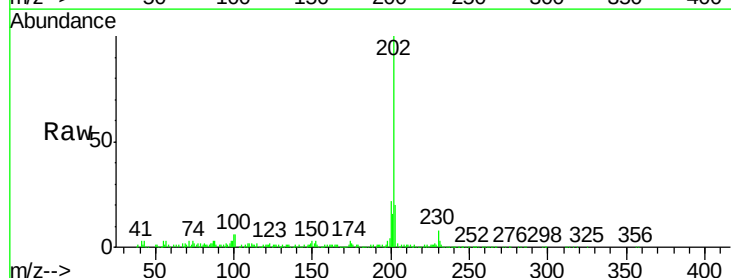
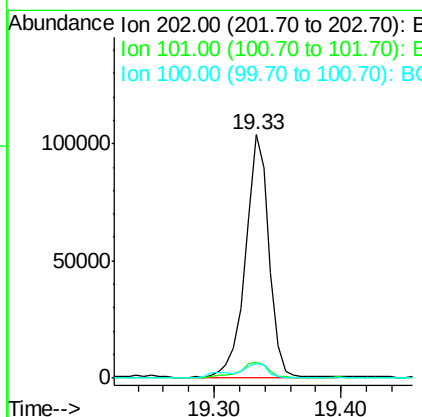
Manual Integrations
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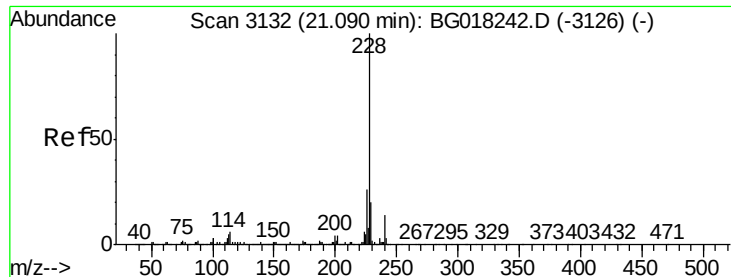
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#80
 Pyrene
 Concen: 17.52 ng/ul
 RT: 19.33 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.5	8.1	12.1#
100	6.1	7.4	11.0#





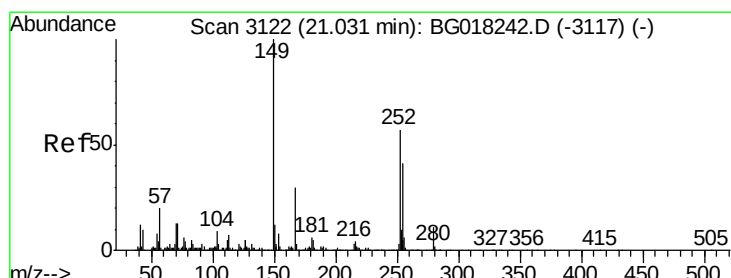
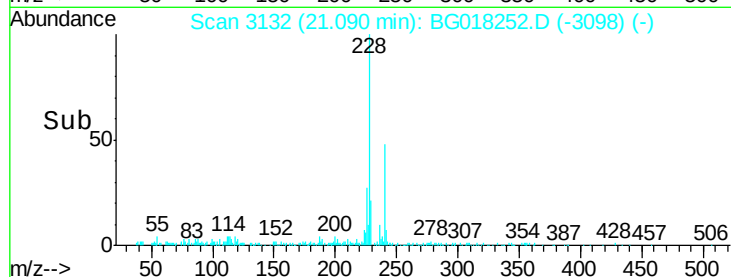
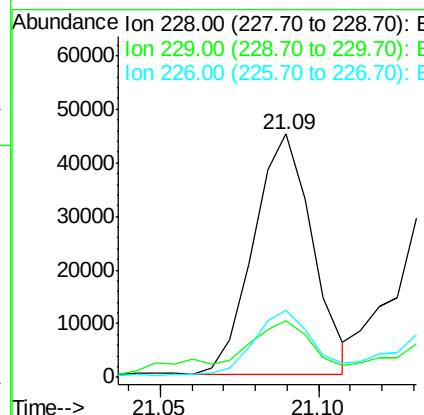
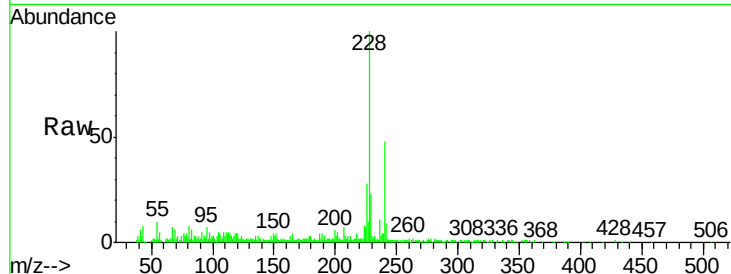
#83
 Benzo(a)anthracene
 Concen: 8.60 ng/ul
 RT: 21.09 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.5	24.7
226	27.5	21.5	32.3

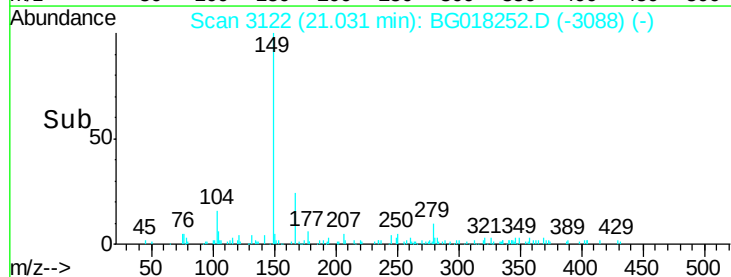
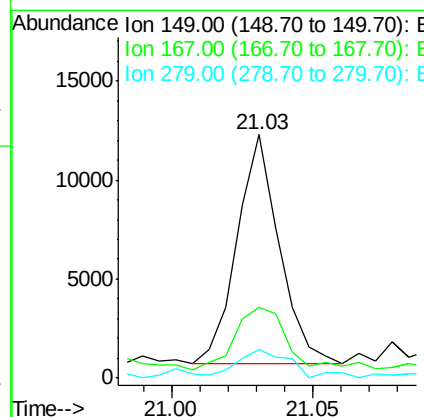
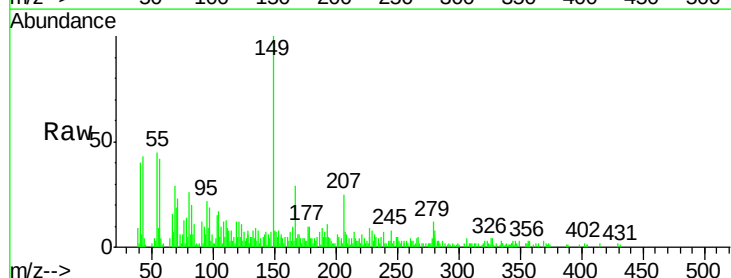
Manual Integrations
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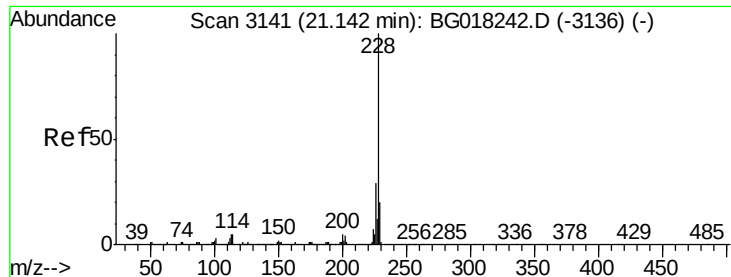
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.90 ng/ul
 RT: 21.03 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	27.4	41.2
279	11.7	8.3	12.5





#85

Chrysene

Concen: 10.72 ng/ul

RT: 21.14 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

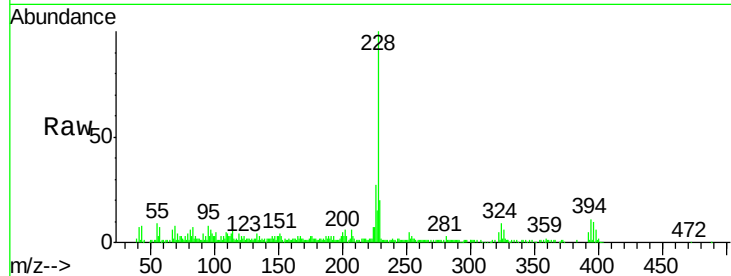
ClientSampled :

C02K4

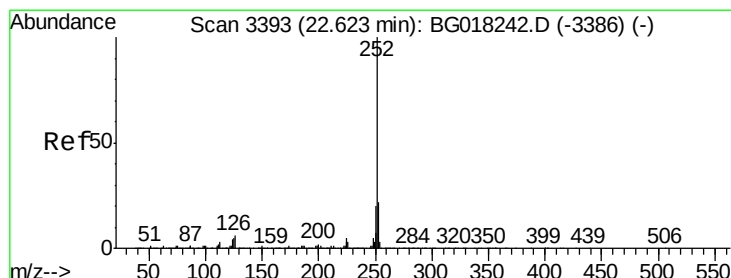
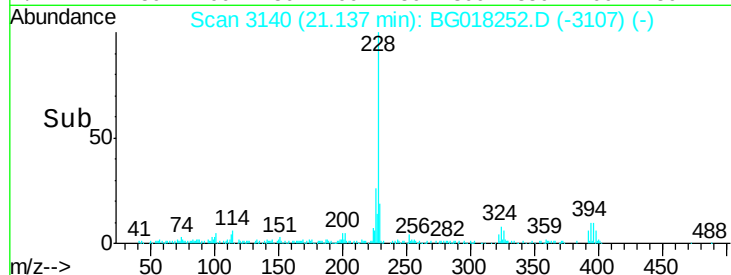
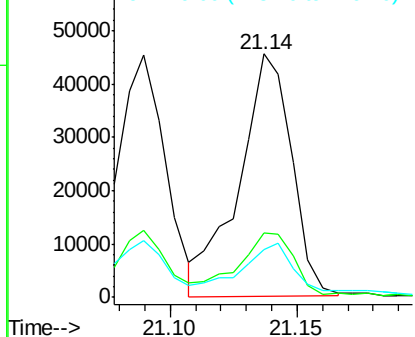
Tgt Ion:	228	Resp:	65910
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.7	34.1
229	19.8	16.2	24.2

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



#88

Benzo(b)fluoranthene

Concen: 12.10 ng/ul

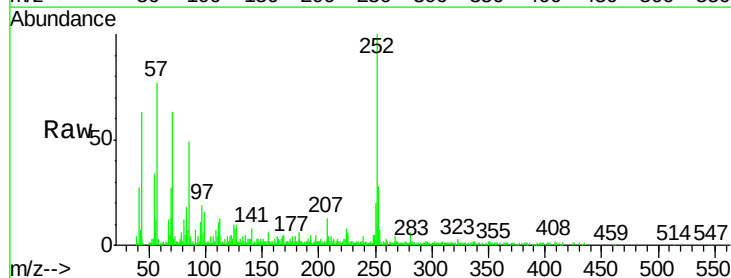
RT: 22.63 min Scan# 3394

Delta R.T. 0.01 min

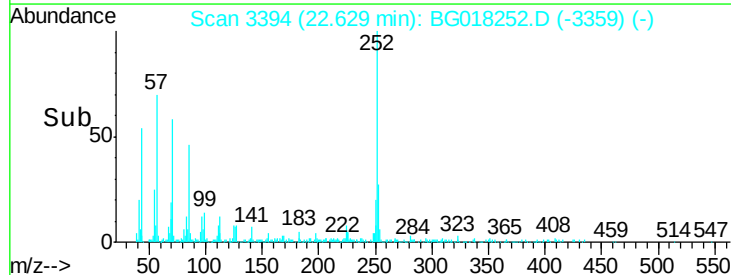
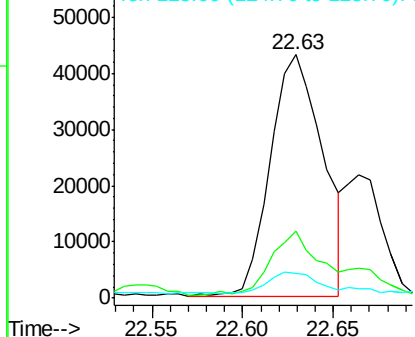
Lab File: BG018252.D

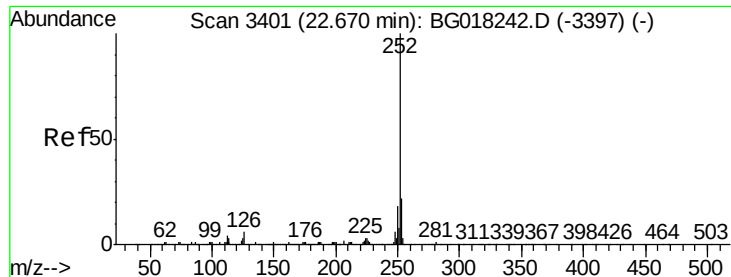
Acq: 3 Aug 2015 20:55

Tgt Ion:	252	Resp:	87249
Ion Ratio	Lower	Upper	
252	100		
253	27.5	18.5	27.7
125	10.1	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.59 ng/ul

RT: 22.66 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

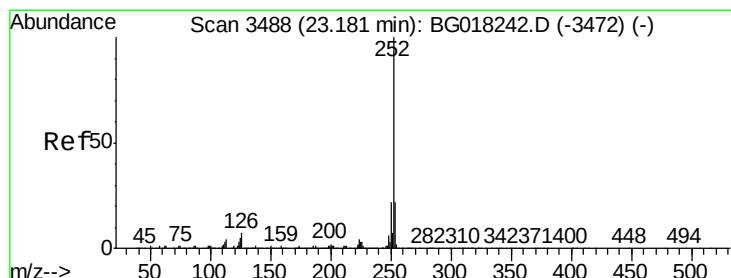
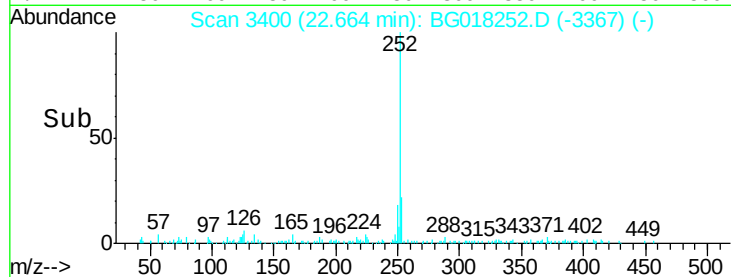
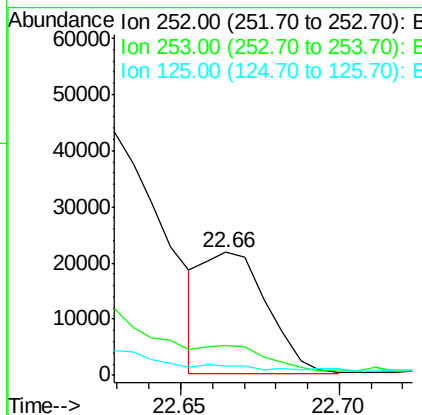
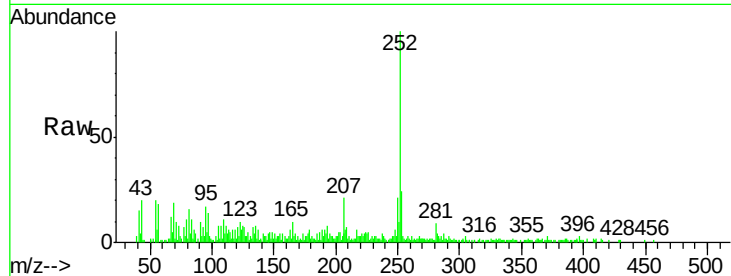
ClientSampled :

C02K4

Tgt Ion:	252	Resp:	30404
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.2	27.2
125	7.7	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:18:23 PM



#91

Benzo(a)pyrene

Concen: 9.31 ng/ul

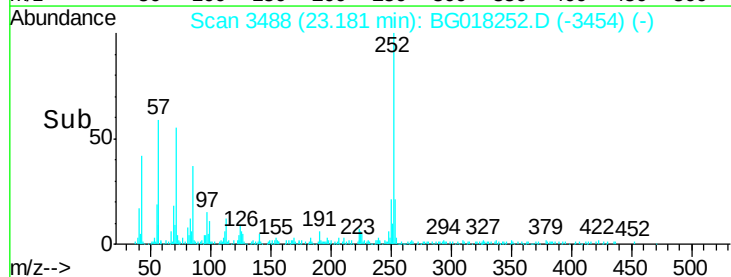
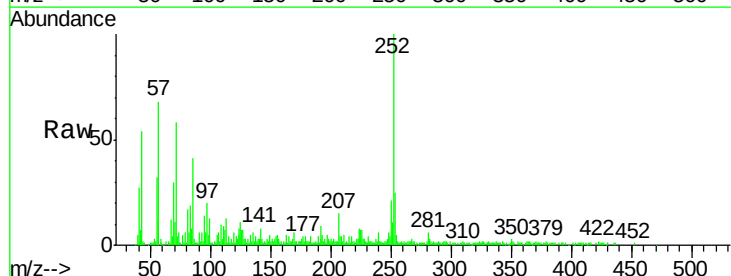
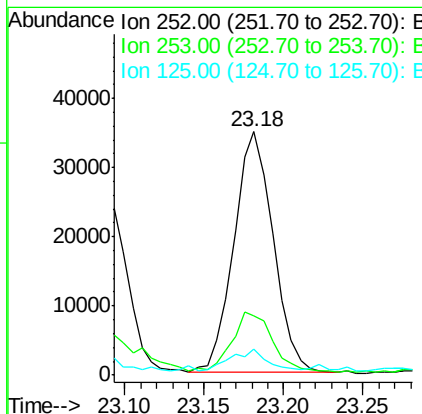
RT: 23.18 min Scan# 3488

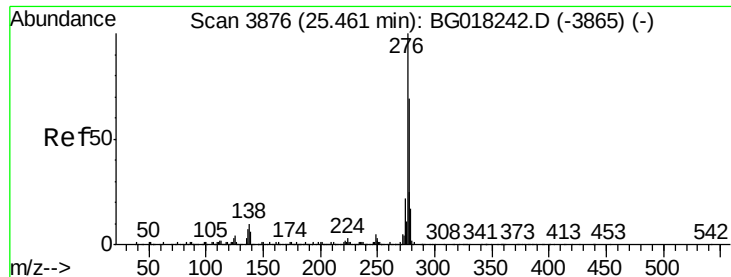
Delta R.T. 0.00 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Tgt Ion:	252	Resp:	60053
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.2
125	10.9	7.3	10.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 6.09 ng/ul

RT: 25.47 min Scan# 3877

Delta R.T. 0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

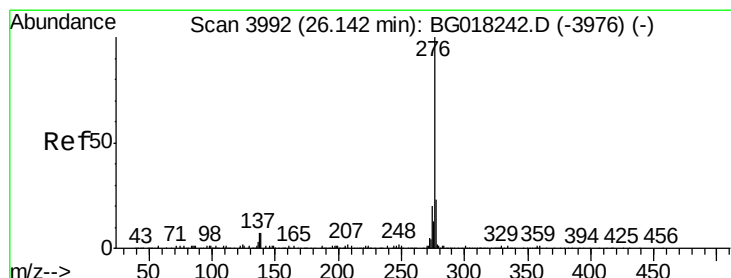
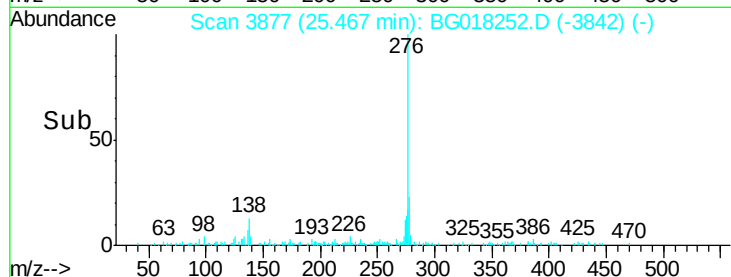
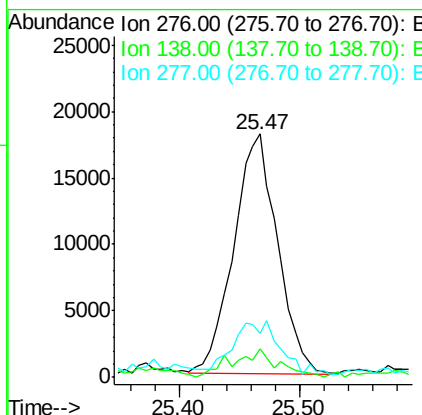
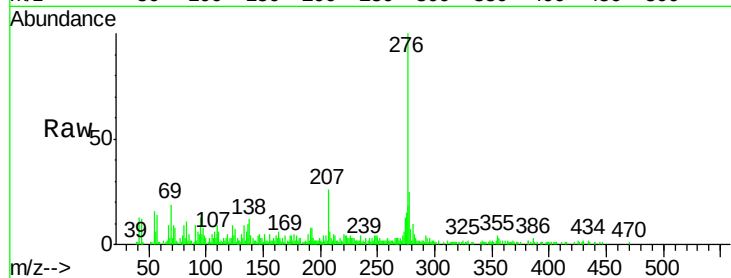
ClientSampleId :

C02K4

Tgt Ion:	276	Resp:	45477
Ion Ratio		Lower	Upper
276	100		
138	15.9	17.2	25.8#
277	17.9	19.5	29.3#

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:18:23 PM



#94

Benzo(g,h,i)perylene

Concen: 7.30 ng/ul

RT: 26.14 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Tgt Ion:	276	Resp:	44510
Ion Ratio		Lower	Upper
276	100		
138	5.9	15.1	22.7#
277	24.6	19.8	29.6

