

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
 Data File : BG018306.D
 Acq On : 6 Aug 2015 15:55
 Operator : UM/TP
 Sample : G3109-14DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C01W2DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:12:42 AM

Quant Time: Aug 07 03:26:41 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 01:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	23080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	109253	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.12	164	71965	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	142737	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	80988	20.00	ng/ul	-0.01
86) Perylene-d12	23.26	264	84643	20.00	ng/ul	-0.02

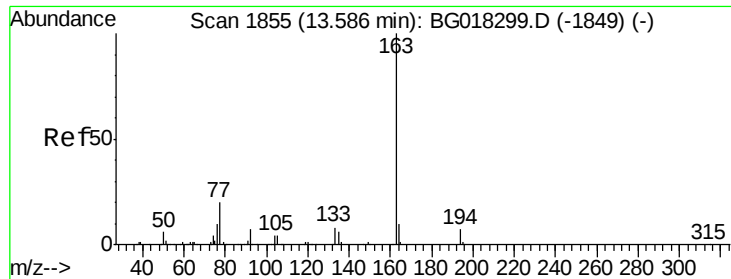
System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	18937	10.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	10857	12.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	16721	11.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	14461	9.44	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	8744	10.34	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	11251	11.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	19002	10.56	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.37	131	9933	4.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	64758	11.63	ng/ul	-0.01
47) Acenaphthylene-d8	13.80	160	62635	9.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	4486	4.89	ng/ul	-0.01
58) Fluorene-d10	15.11	176	47334	9.47	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	4533	4.59	ng/ul	-0.02
71) Anthracene-d10	16.97	188	61977	9.87	ng/ul	-0.01
79) Pyrene-d10	19.29	212	49030	10.82	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.12	264	37551m	8.53	ng/ul	-0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	13.58	163	26524	4.78	ng/ul#	92
70) Phenanthrene	16.92	178	59962	8.32	ng/ul	98
72) Anthracene	17.01	178	15331	2.13	ng/ul	96
75) Carbazole	17.29	167	7639	1.26	ng/ul#	85
76) Di-n-butylphthalate	17.86	149	111578	13.11	ng/ul	99
77) Fluoranthene	18.95	202	121088	15.16	ng/ul#	93
80) Pyrene	19.32	202	109470	19.44	ng/ul	98
81) Butylbenzylphthalate	20.23	149	24030	11.00	ng/ul	88
83) Benzo(a)anthracene	21.07	228	38540	9.02	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.01	149	146946	55.91	ng/ul	96
85) Chrysene	21.13	228	40574	10.56	ng/ul	95
87) Di-n-octyl phthalate	21.88	149	49386	8.86	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	63813	12.29	ng/ul#	96
89) Benzo(k)fluoranthene	22.65	252	24908m	5.00	ng/ul	
91) Benzo(a)pyrene	23.16	252	42328	9.34	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.44	276	39583	7.06	ng/ul	92
94) Benzo(g,h,i)perylene	26.11	276	34880	7.67	ng/ul#	98

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



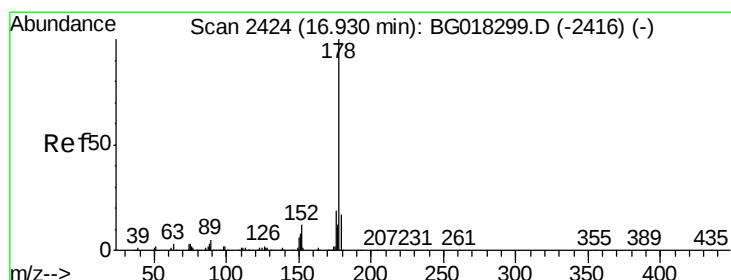
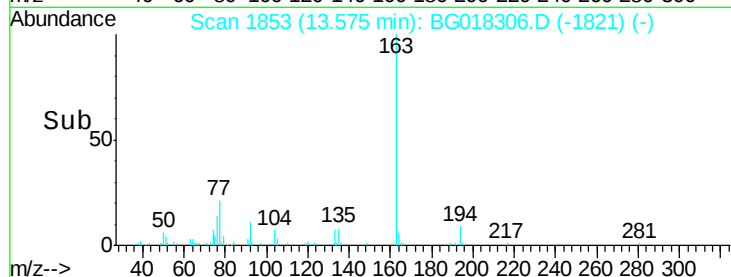
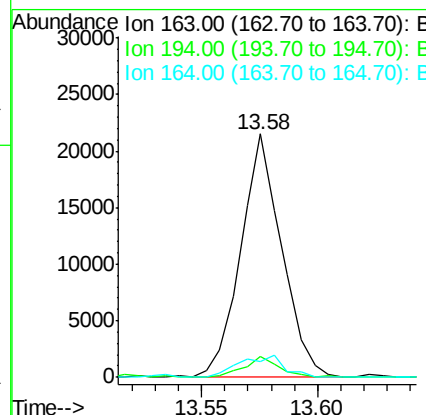
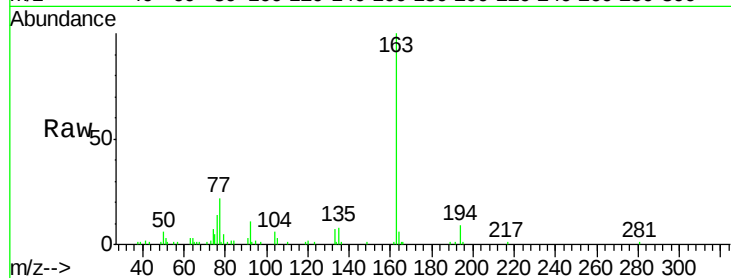
#45
Dimethylphthalate
Concen: 4.78 ng/ul
RT: 13.58 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	26524		
194	8.8	5.4	8.2#	
164	6.2	7.8	11.8#	

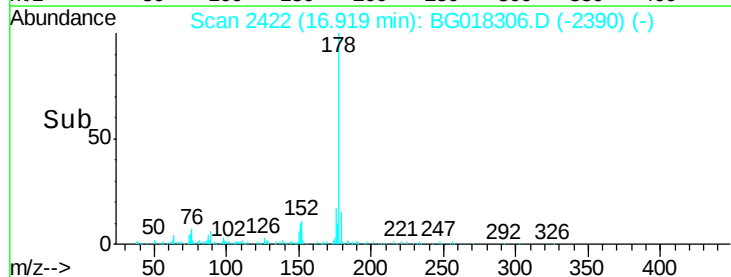
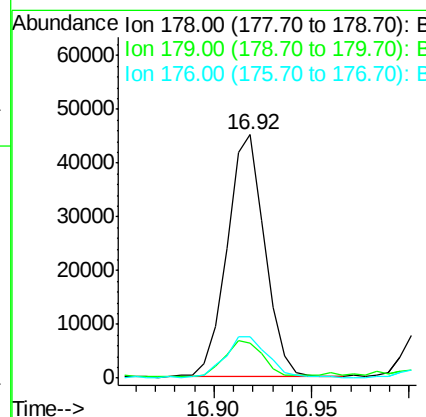
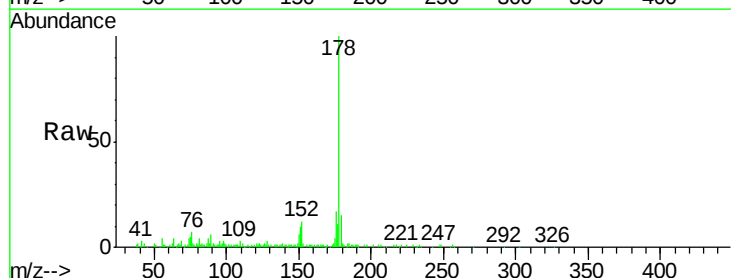
Manual Integrations
APPROVED

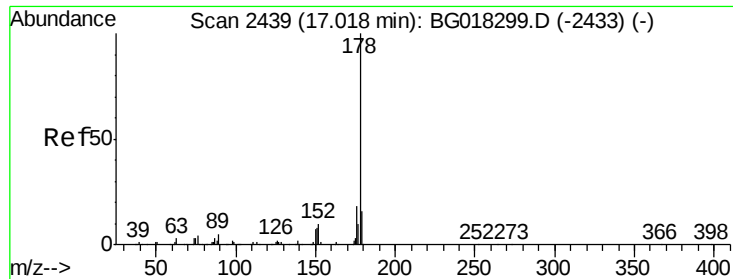
MMDadoda
8/10/2015 10:12:42 AM



#70
Phenanthrene
Concen: 8.32 ng/ul
RT: 16.92 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	59962		
179	14.6	12.2	18.4	
176	17.0	14.5	21.7	





#72

Anthracene

Concen: 2.13 ng/ul

RT: 17.01 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG018306.D

Acq: 6 Aug 2015 15:55

Instrument :

BNA_G

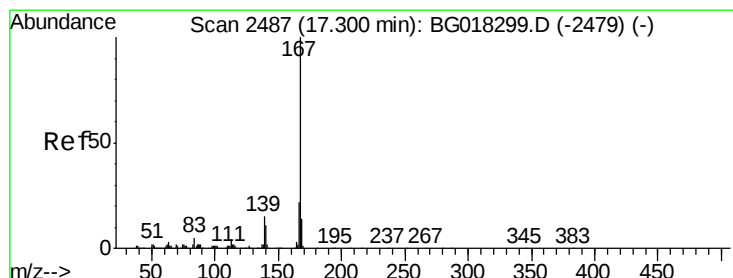
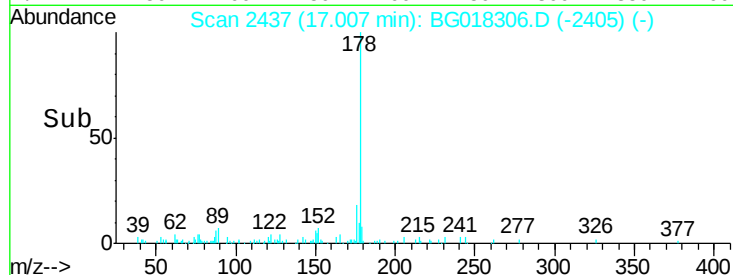
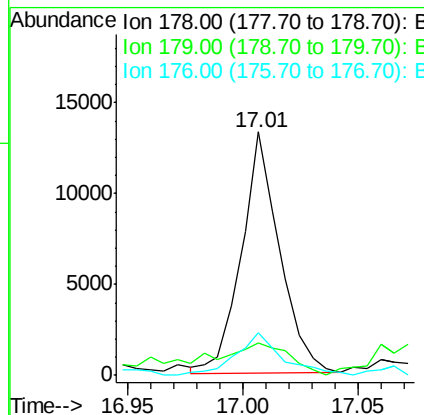
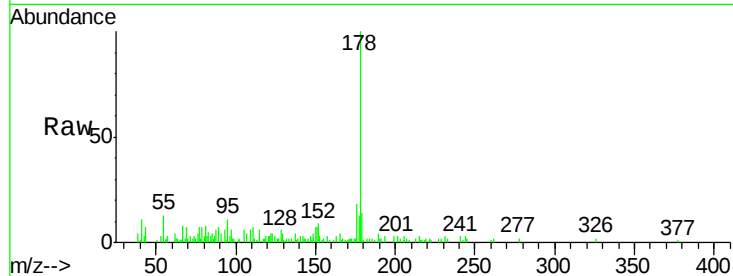
ClientSampleId :

C01W2DL

Tot Ion:	178	Resp:	15331
Ion Ratio	Lower	Upper	
178	100		
179	13.5	12.2	18.4
176	17.5	15.3	22.9

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:12:42 AM



#75

Carbazole

Concen: 1.26 ng/ul

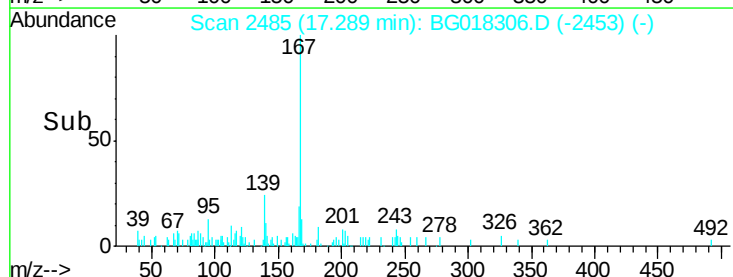
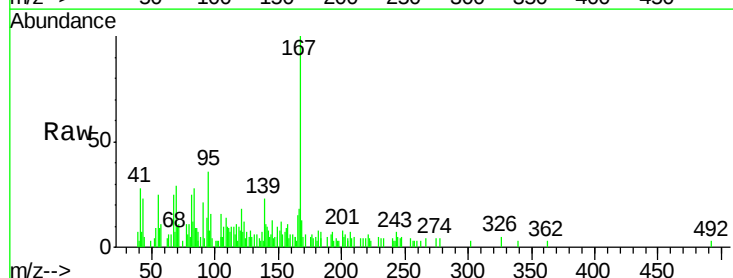
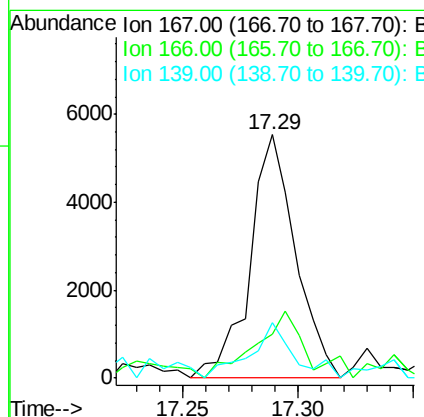
RT: 17.29 min Scan# 2485

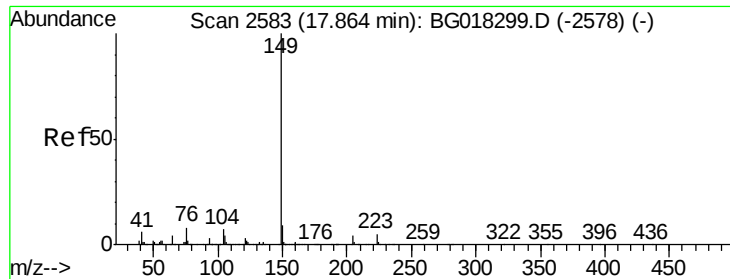
Delta R.T. -0.01 min

Lab File: BG018306.D

Acq: 6 Aug 2015 15:55

Tgt Ion:	167	Resp:	7639
Ion Ratio	Lower	Upper	
167	100		
166	18.0	17.8	26.8
139	22.9	10.6	16.0#





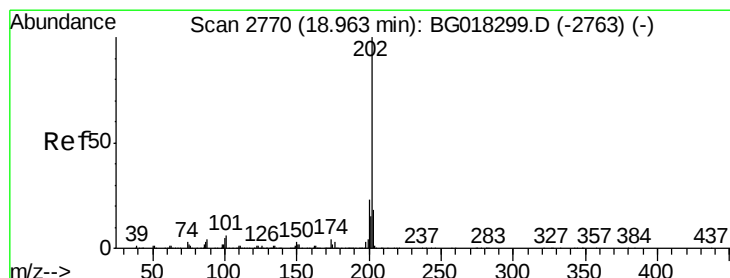
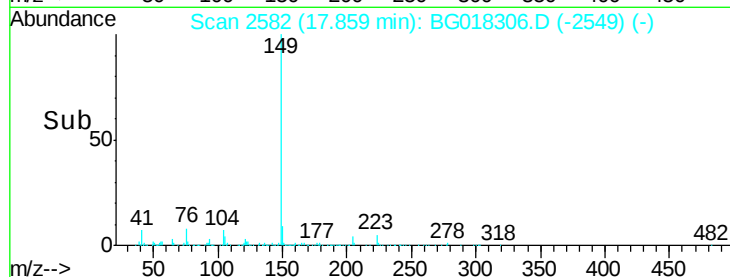
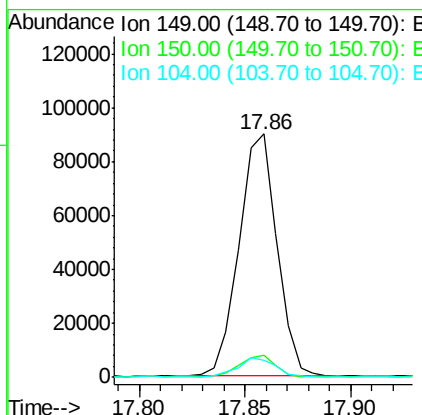
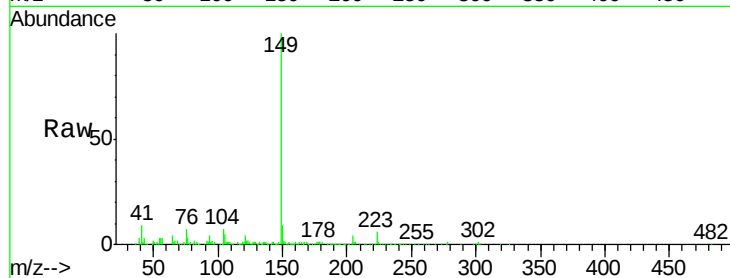
#76
Di-n-butylphthalate
Concen: 13.11 ng/ul
RT: 17.86 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.9	7.4	11.2
104	7.0	5.5	8.3

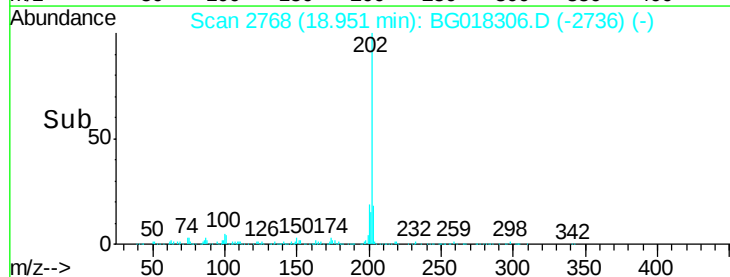
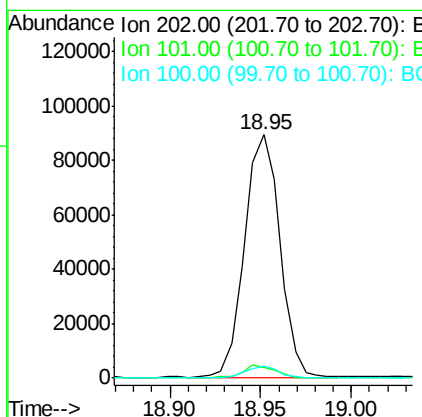
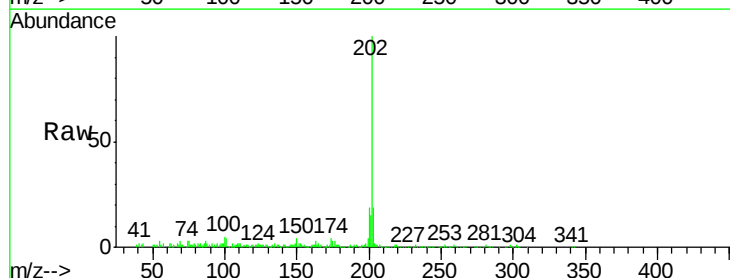
Manual Integrations
APPROVED

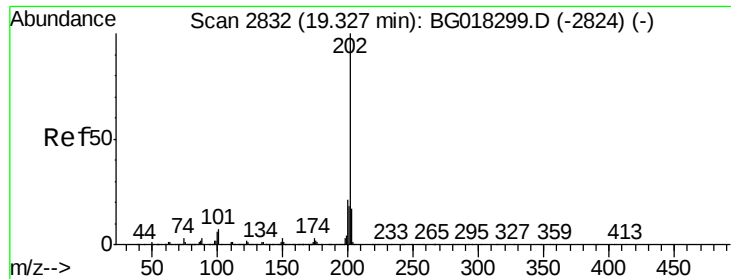
MMDadoda
8/10/2015 10:12:42 AM



#77
Fluoranthene
Concen: 15.16 ng/ul
RT: 18.95 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	4.1	6.2	9.2#
100	4.7	4.6	6.8





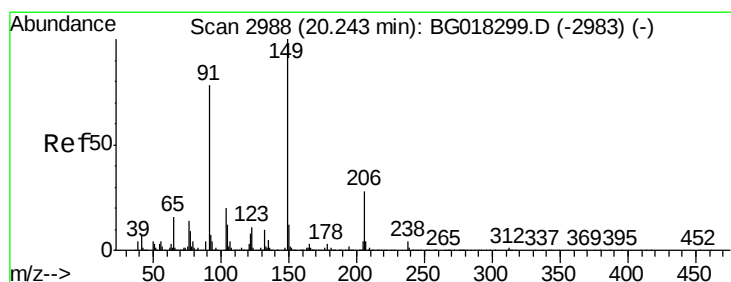
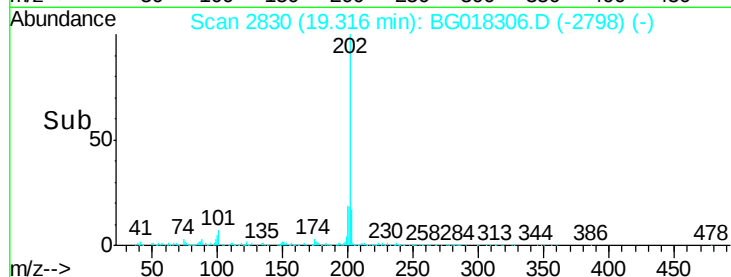
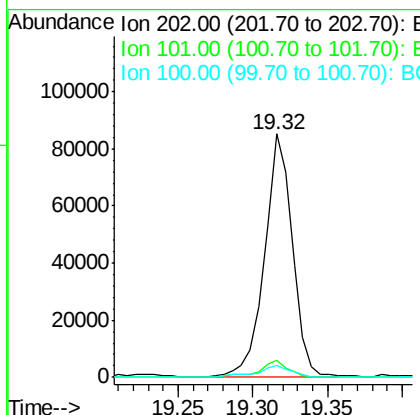
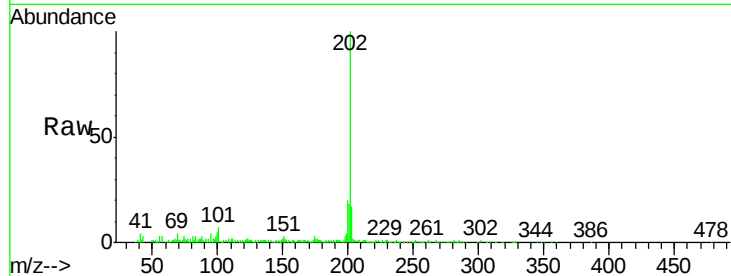
#80
Pvrene
Concen: 19.44 ng/ul
RT: 19.32 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.9	6.2	9.2
100	5.0	4.6	7.0

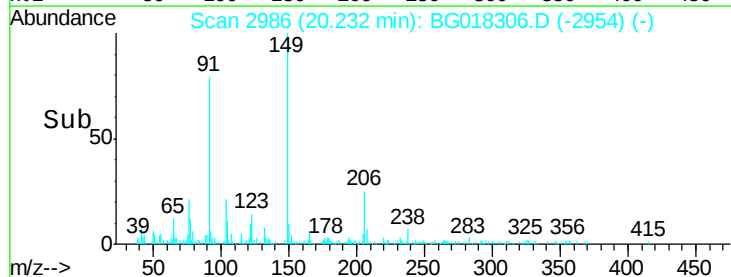
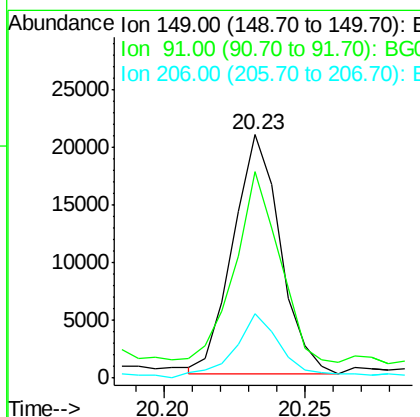
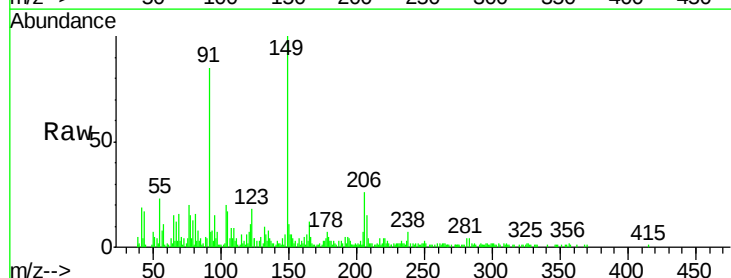
Manual Integrations
APPROVED

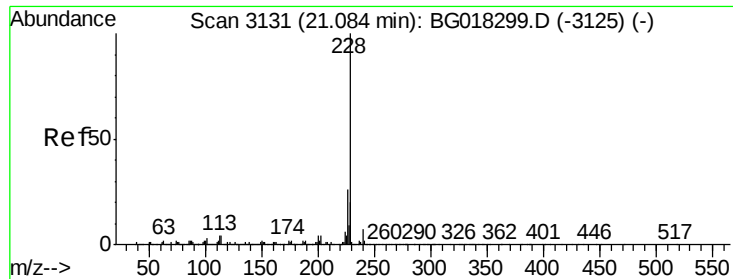
MMDadoda
8/10/2015 10:12:42 AM



#81
Butylbenzylphthalate
Concen: 11.00 ng/ul
RT: 20.23 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	85.0	58.2	87.2
206	26.3	19.9	29.9





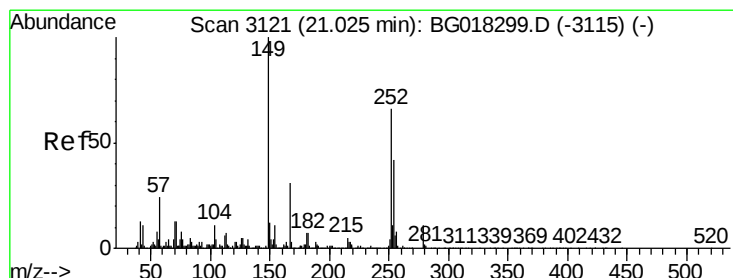
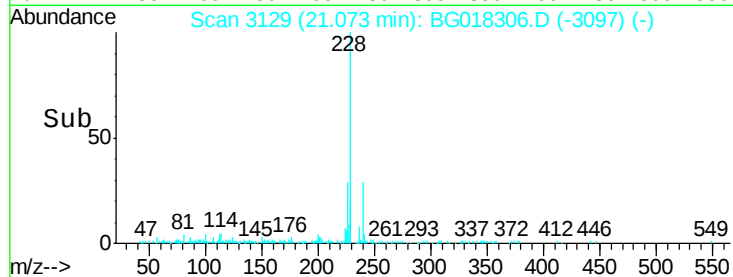
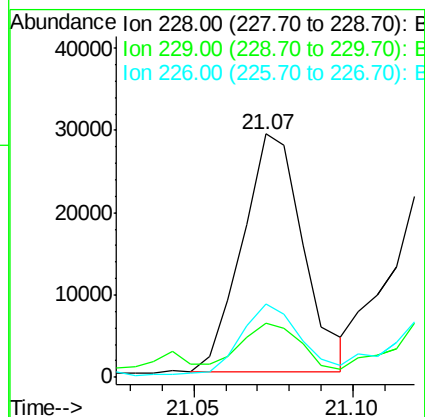
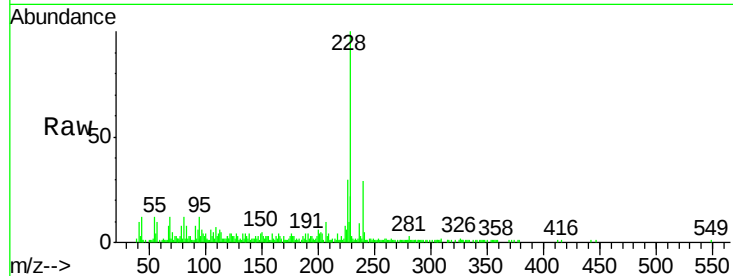
#83
Benzo(a)anthracene
Concen: 9.02 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Tot Ion:	228	Resp:	38540
Ion Ratio	Lower	Upper	
228	100		
229	22.4	16.3	24.5
226	29.9	21.2	31.8

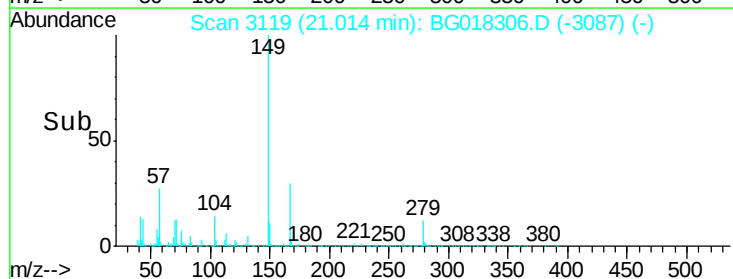
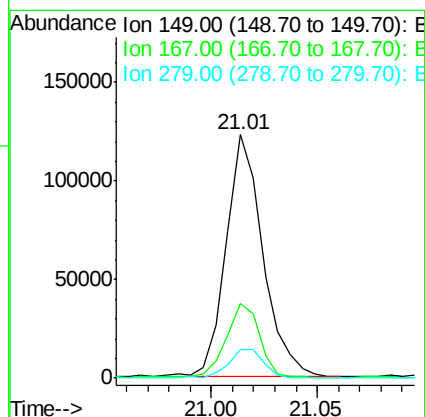
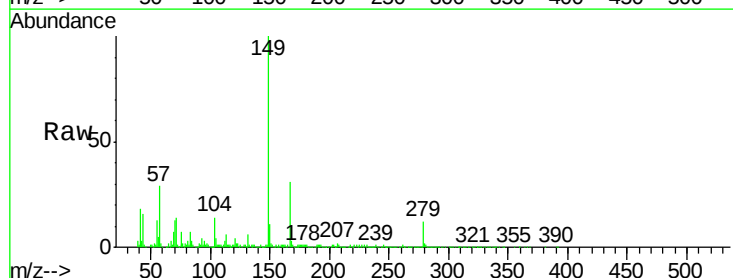
Manual Integrations
APPROVED

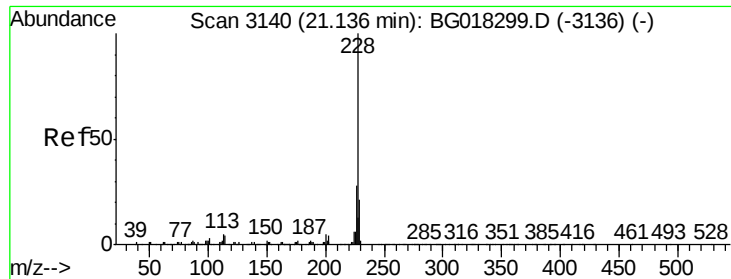
MMDadoda
8/10/2015 10:12:42 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.91 ng/ul
RT: 21.01 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Tgt Ion:	149	Resp:	146946
Ion Ratio	Lower	Upper	
149	100		
167	30.6	26.4	39.6
279	11.7	8.6	12.8





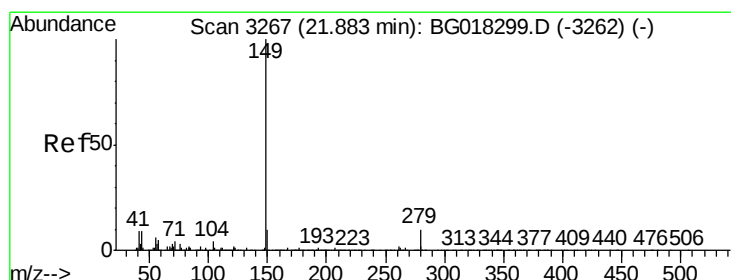
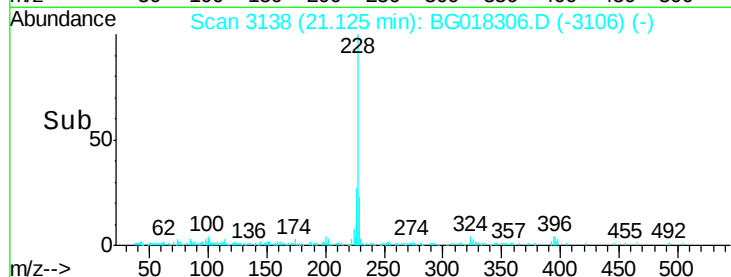
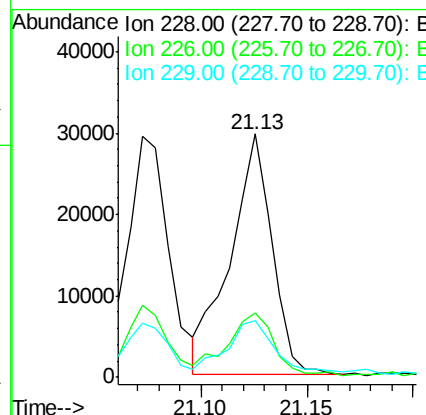
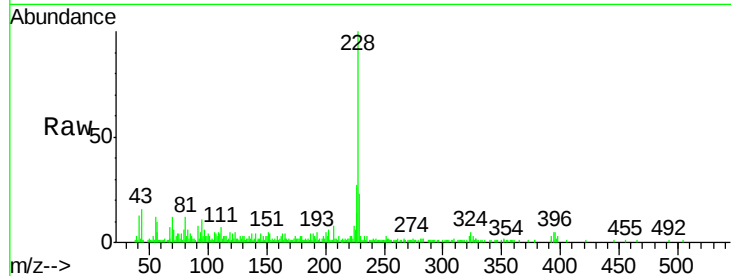
#85
Chrysene
Concen: 10.56 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.0	34.6
229	23.4	15.9	23.9

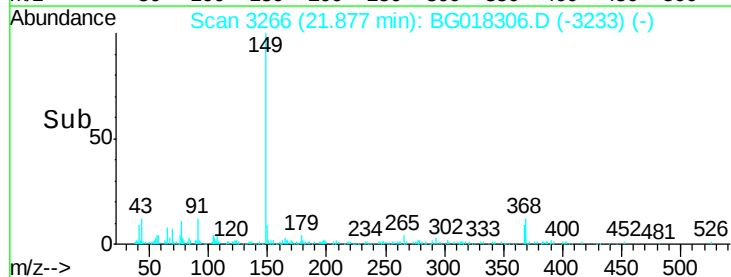
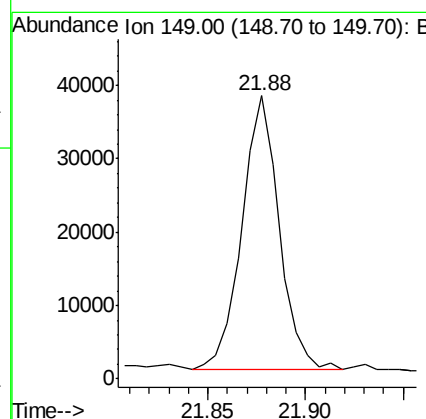
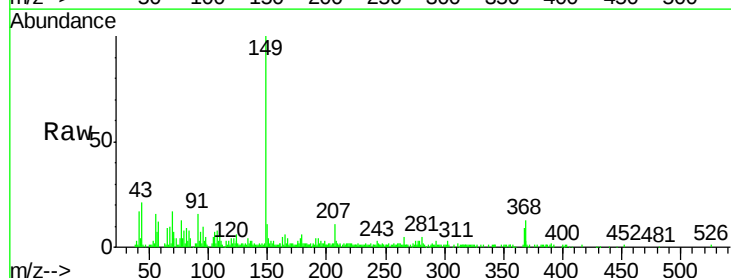
Manual Integrations
APPROVED

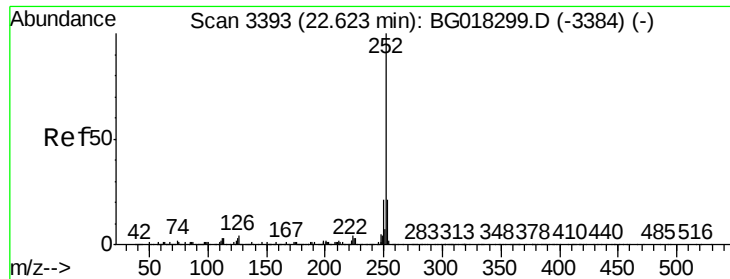
MMDadoda
8/10/2015 10:12:42 AM



#87
Di-n-octyl phthalate
Concen: 8.86 ng/ul
RT: 21.88 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Tgt Ion:149 Resp: 49386





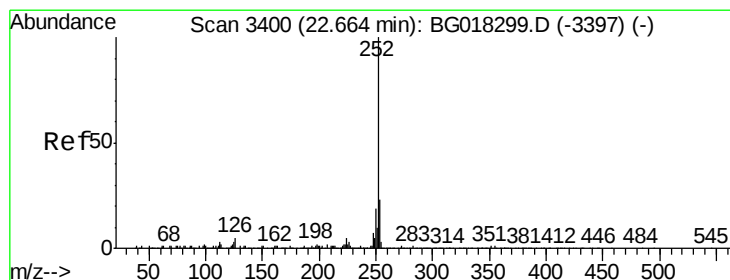
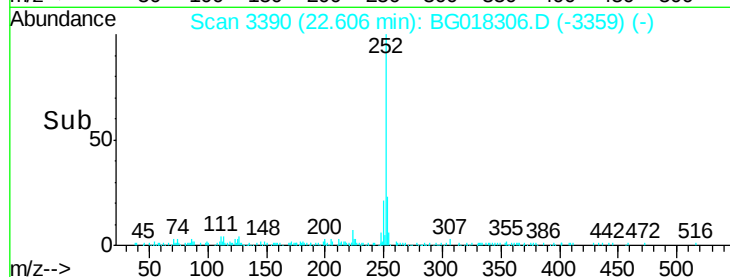
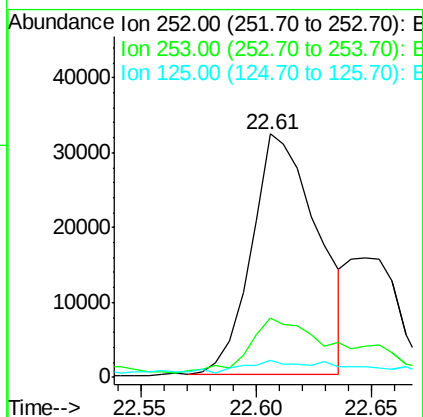
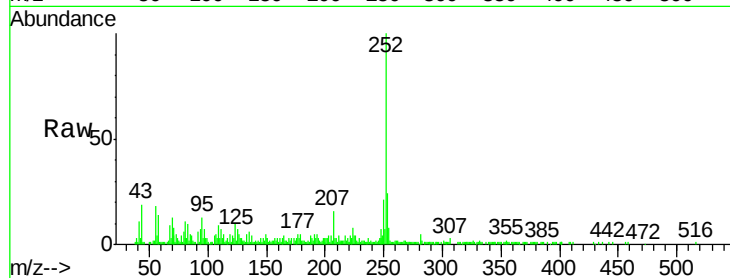
#88
Benzo(b)fluoranthene
Concen: 12.29 ng/ul
RT: 22.61 min Scan# 3390
Delta R.T. -0.02 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Instrument :
BNA_G
ClientSampleId :
C01W2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	6.8	3.1	4.7

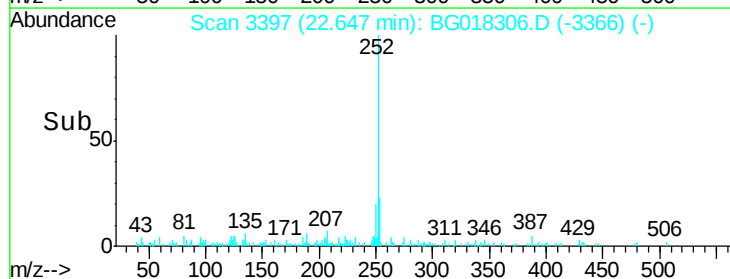
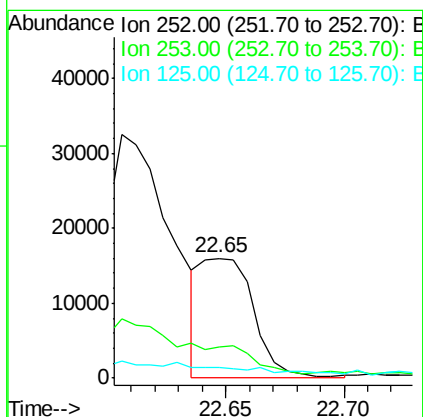
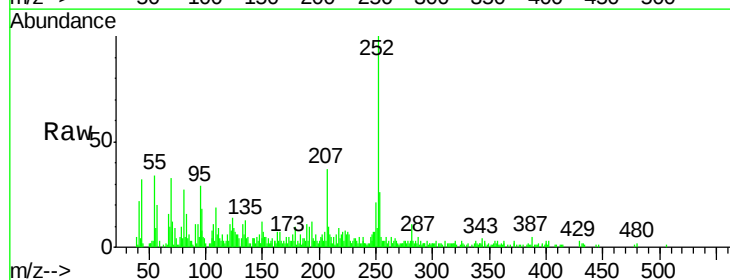
Manual Integrations
APPROVED

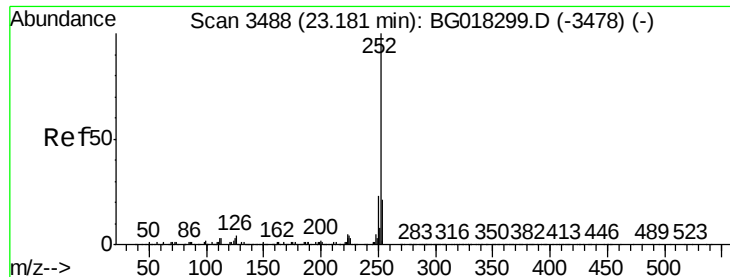
MMDadoda
8/10/2015 10:12:42 AM



#89
Benzo(k)fluoranthene
Concen: 5.00 ng/ul m
RT: 22.65 min Scan# 3397
Delta R.T. -0.02 min
Lab File: BG018306.D
Acq: 6 Aug 2015 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.4	24.6
125	8.8	3.4	5.2





#91

Benzo(a)pyrene

Concen: 9.34 ng/ul

RT: 23.16 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BG018306.D

Acq: 6 Aug 2015 15:55

Instrument :

BNA_G

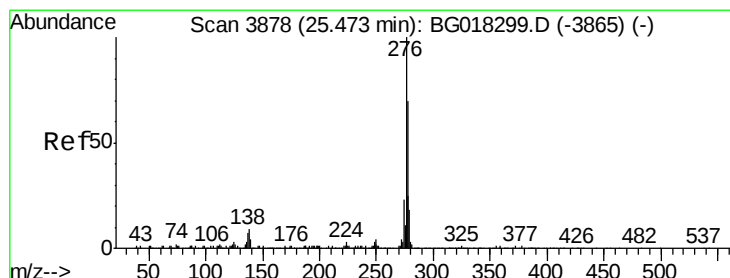
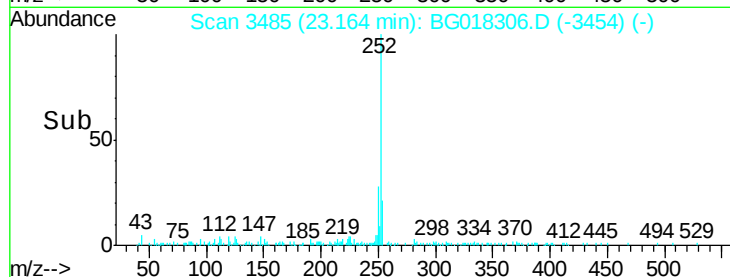
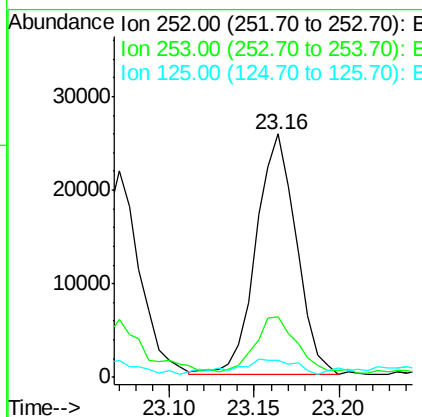
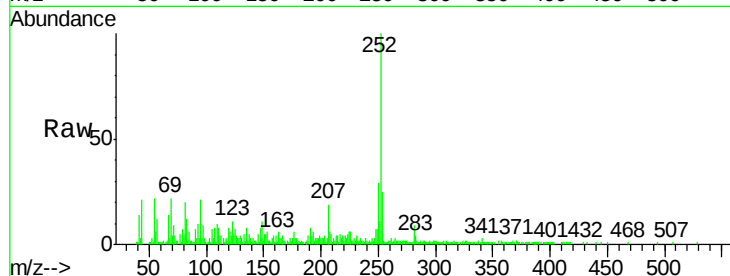
ClientSampleId :

C01W2DL

Tot Ion:	252	Resp:	42328
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.9	28.3
125	7.0	3.2	4.8#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 10:12:42 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 7.06 ng/ul

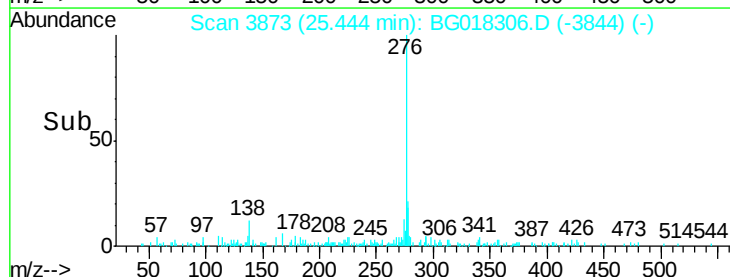
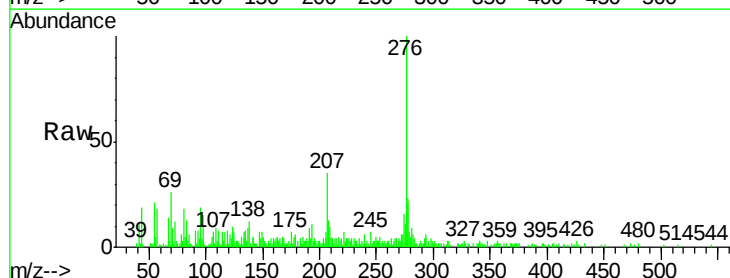
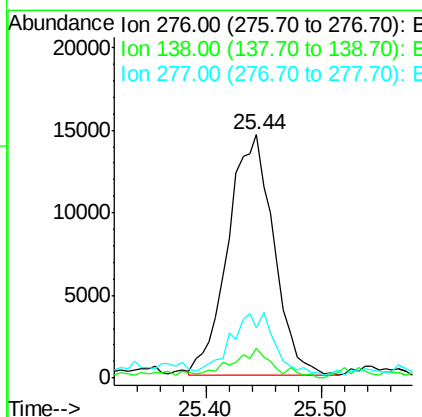
RT: 25.44 min Scan# 3873

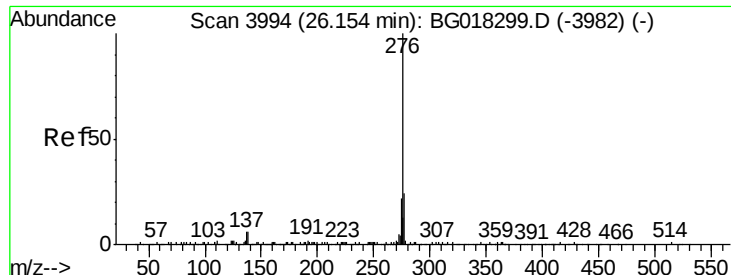
Delta R.T. -0.03 min

Lab File: BG018306.D

Acq: 6 Aug 2015 15:55

Tgt Ion:	276	Resp:	39583
Ion Ratio	Lower	Upper	
276	100		
138	12.2	8.2	12.4
277	20.7	20.1	30.1





#94
 Benzo(a,h,i)perylene
 Concen: 7.67 ng/ul
 RT: 26.11 min Scan# 3987
 Delta R.T. -0.04 min
 Lab File: BG018306.D
 Acq: 6 Aug 2015 15:55

Instrument :
 BNA_G
 ClientSampleId :
 C01W2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.0	6.0	9.0#
277	26.8	21.1	31.7

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:12:42 AM

