

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
 Data File : BG018384.D
 Acq On : 11 Aug 2015 16:46
 Operator : UM/MA
 Sample : G3136-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D0

Manual Integrations
 APPROVED

MMDadoda
 8/12/2015 3:53:09 PM

Quant Time: Aug 12 02:14:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 00:54:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	284764	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	173869	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	357066	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	320944	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	331502	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	5049	3.54	ng/uL	0.00
5) Phenol-d5	7.20	99	95189	16.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	60750	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	73417	16.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	67485	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	37291	16.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	40501	17.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	69557	14.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	65104	12.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	239769	16.39	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	225638	12.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	16213	6.16	ng/ul	0.00
58) Fluorene-d10	15.66	176	146474	11.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	459	0.26	ng/ul	0.00
71) Anthracene-d10	17.51	188	187852	11.00	ng/ul	0.00
79) Pyrene-d10	19.79	212	160651	9.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	126948	7.21	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.90	128	63958	4.25	ng/ul	95
34) 2-Methylnaphthalene	12.50	142	12266	1.13	ng/ul	86
45) Dimethylphthalate	14.11	163	137256	9.51	ng/ul#	96
50) Acenaphthene	14.73	153	28706	2.21	ng/ul#	83
59) Fluorene	15.71	166	21955	1.51	ng/ul	94
70) Phenanthrene	17.45	178	208903	10.78	ng/ul	98
72) Anthracene	17.54	178	43830m	2.22	ng/ul	
75) Carbazole	17.80	167	22012	1.27	ng/ul#	79
77) Fluoranthene	19.46	202	330189	15.96	ng/ul	96
80) Pyrene	19.82	202	301290	13.88	ng/ul	99
83) Benzo(a)anthracene	21.66	228	158063	7.94	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	82395	6.35	ng/ul#	98
85) Chrysene	21.72	228	158974	8.54	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	226799	10.89	ng/ul#	85
89) Benzo(k)fluoranthene	23.95	252	85577m	4.27	ng/ul	
91) Benzo(a)pyrene	24.76	252	167807	8.47	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	28.59	276	104540m	4.56	ng/ul	
94) Benzo(g,h,i)perylene	29.73	276	82032	4.26	ng/ul#	89

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

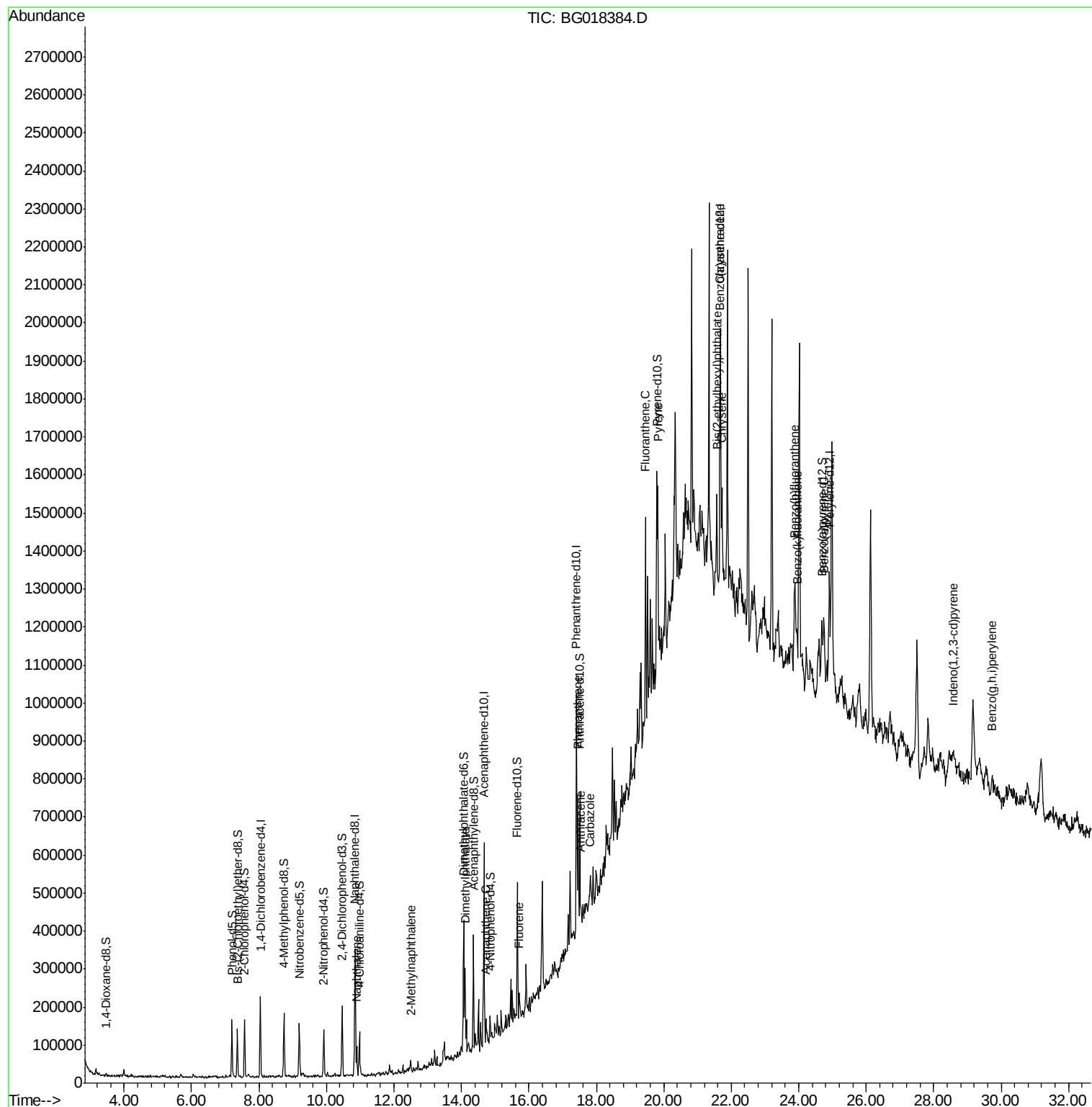
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

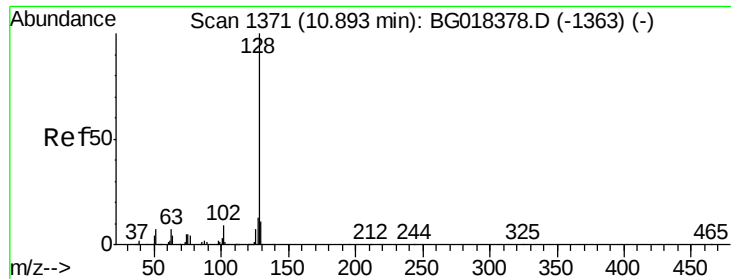
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Quant Title : SVOA CALIBRATION
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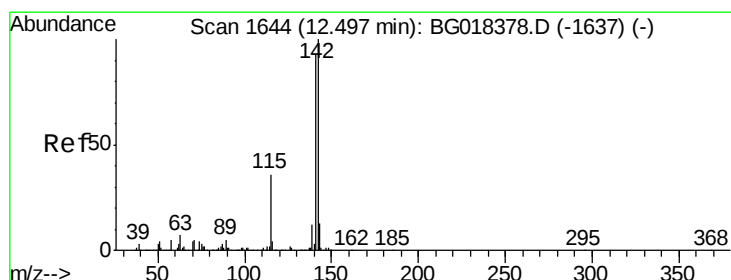
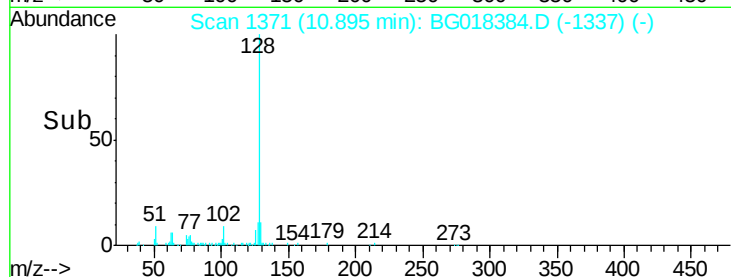
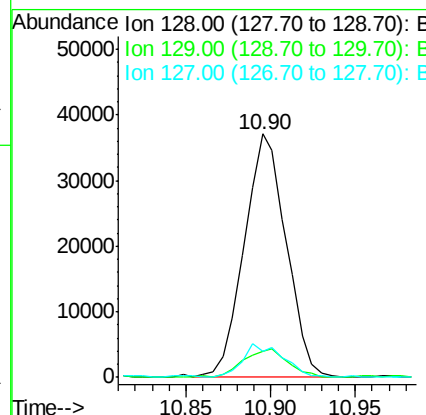
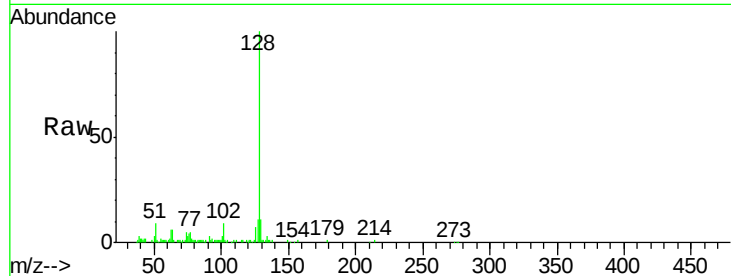
#28
Naphthalene
Concen: 4.25 ng/ul
RT: 10.90 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Instrument :
BNA_G
ClientSampleId :
C02D0

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.6	14.4
127	10.8	10.5	15.7

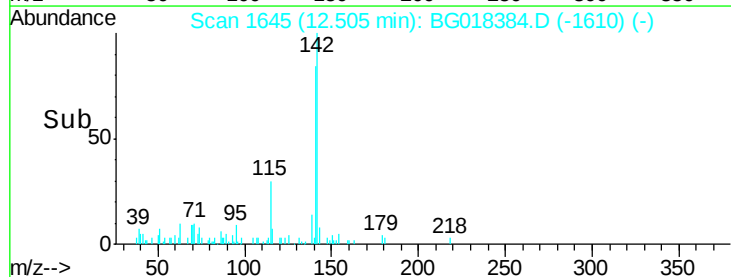
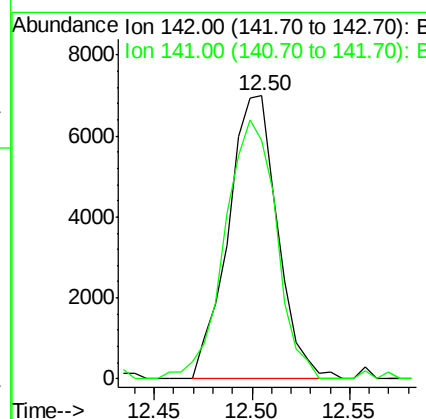
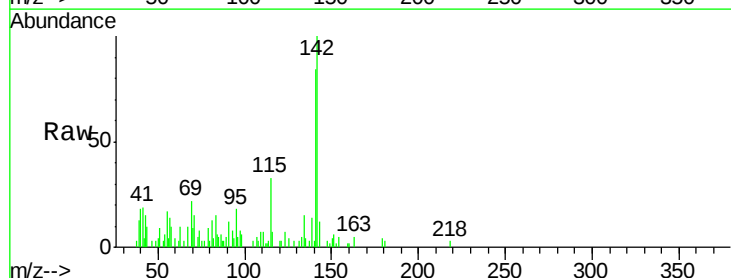
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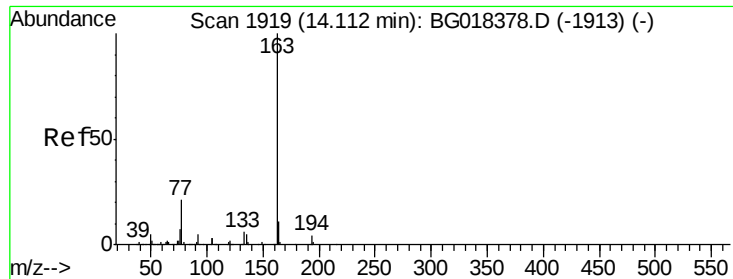
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#34
2-Methylnaphthalene
Concen: 1.13 ng/ul
RT: 12.50 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.2	78.0	117.0





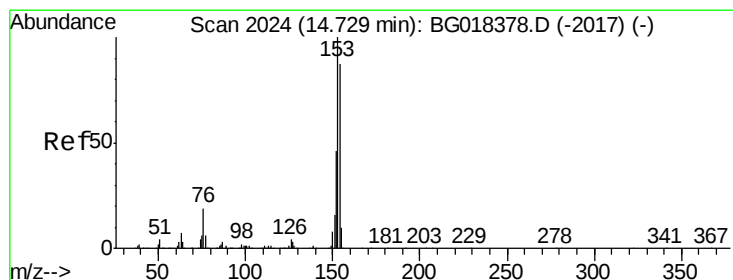
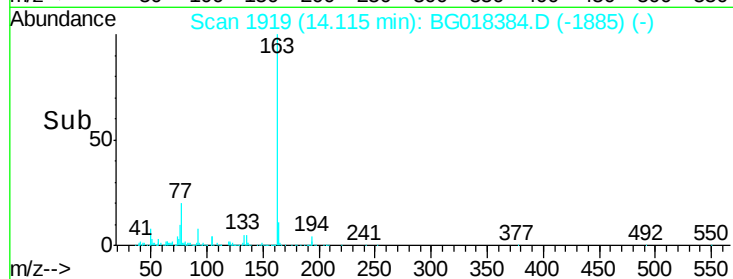
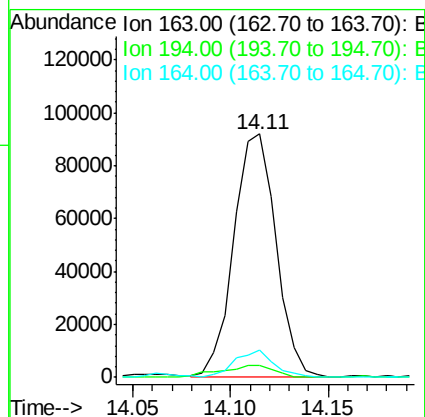
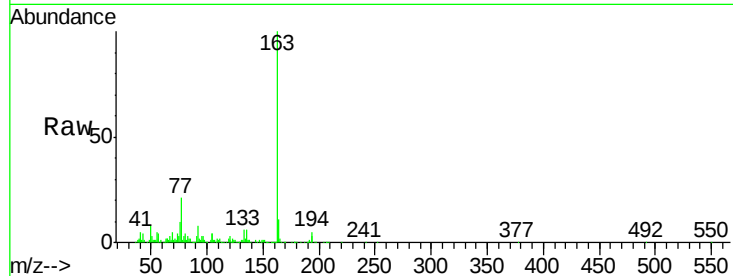
#45
Dimethylphthalate
Concen: 9.51 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Instrument :
BNA_G
ClientSampleId :
C02D0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	137256		
194	4.7	2.9	4.3#	
164	11.4	7.7	11.5	

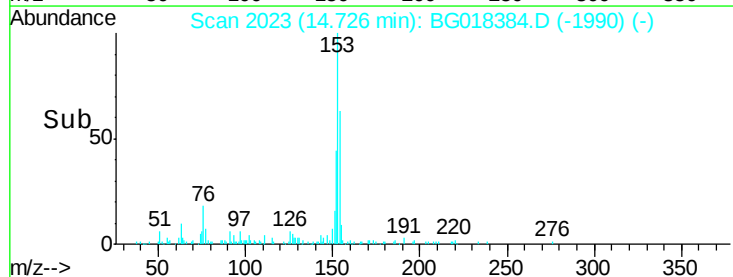
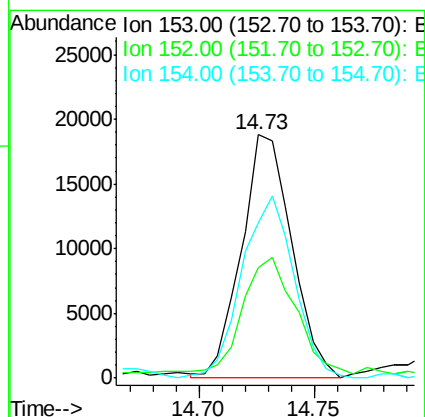
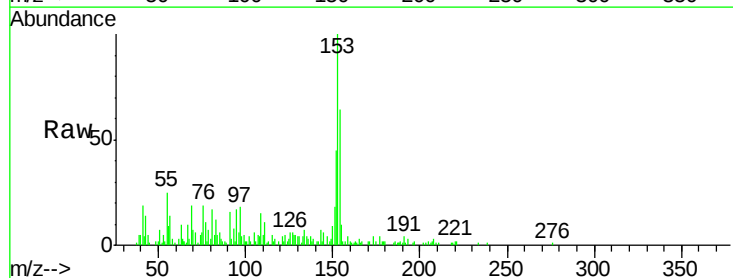
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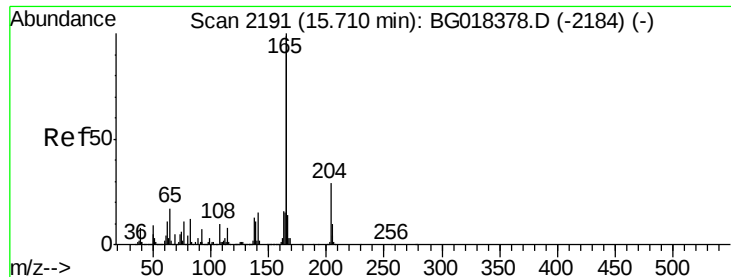
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#50
Acenaphthene
Concen: 2.21 ng/ul
RT: 14.73 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	28706		
152	45.2	38.2	57.4	
154	63.6	68.6	103.0#	





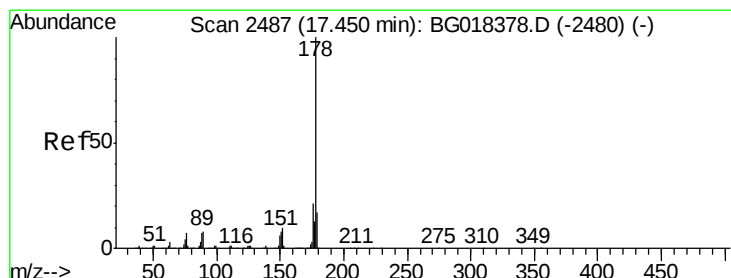
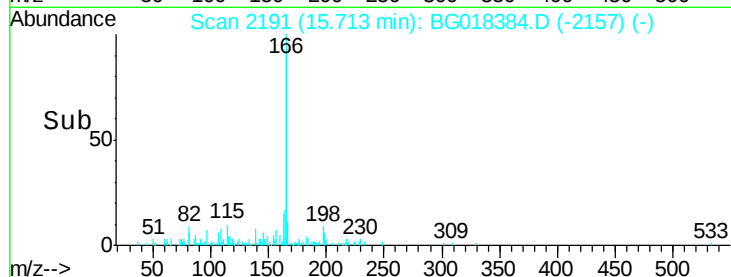
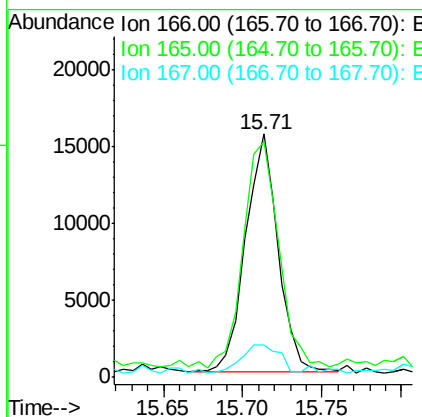
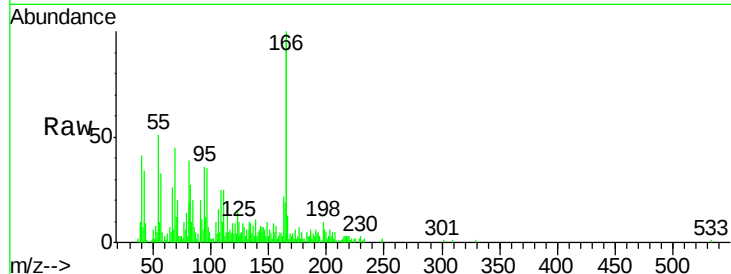
#59
Fluorene
Concen: 1.51 ng/ul
RT: 15.71 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Instrument :
BNA_G
ClientSampleId :
C02D0

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	82.6	124.0
167	13.3	11.4	17.0

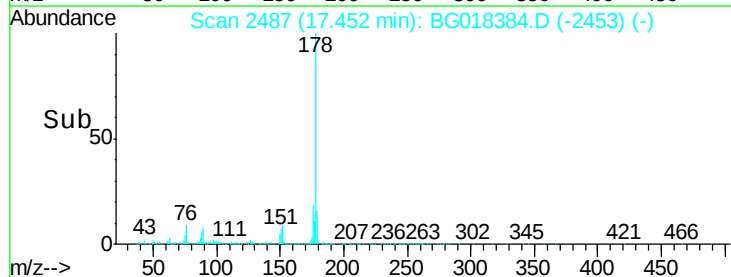
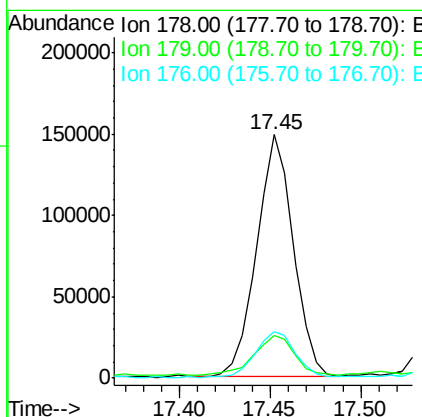
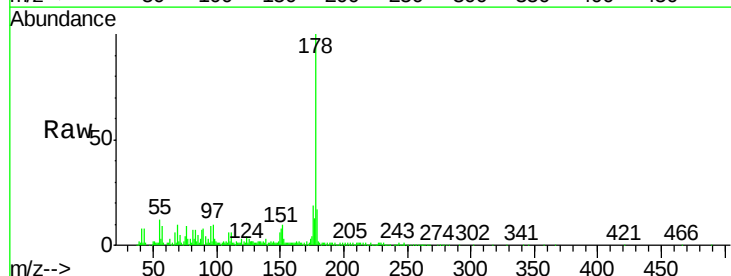
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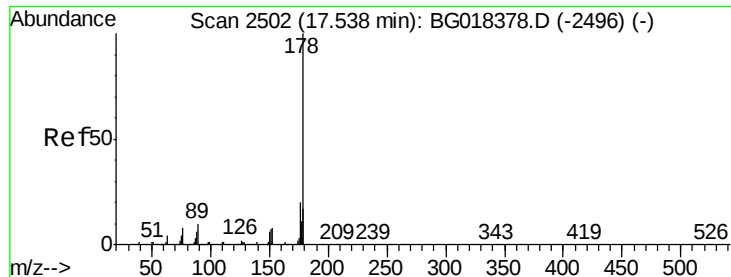
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#70
Phenanthrene
Concen: 10.78 ng/ul
RT: 17.45 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.7	20.5
176	19.3	16.6	24.8





#72

Anthracene

Concen: 2.22 ng/ul m

RT: 17.54 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Instrument :

BNA_G

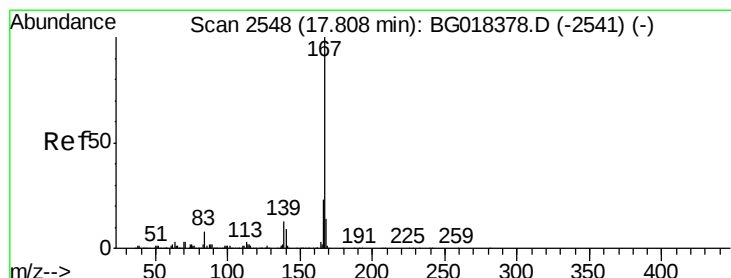
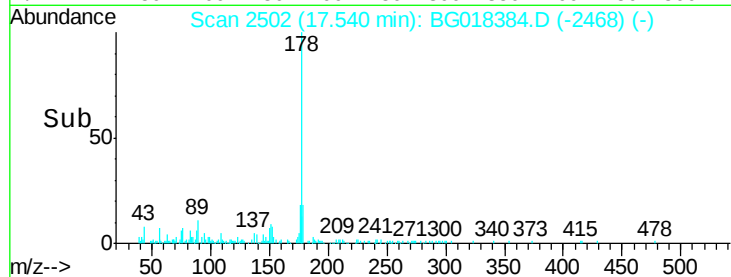
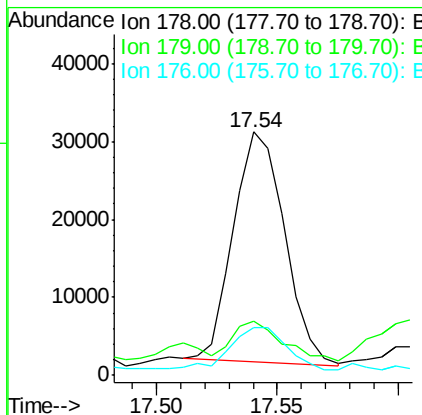
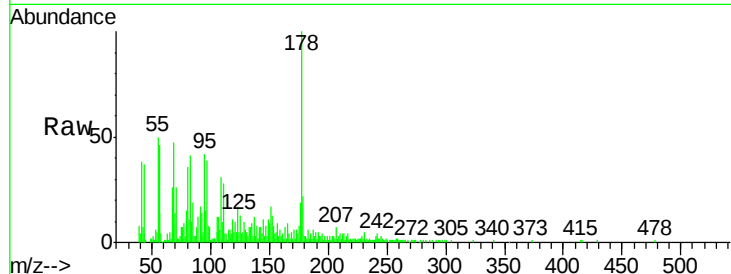
ClientSampleId :

C02D0

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.0	13.0	19.4#
176	19.5	16.0	24.0

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#75

Carbazole

Concen: 1.27 ng/ul

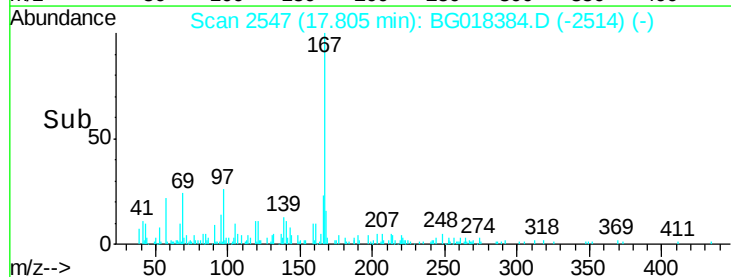
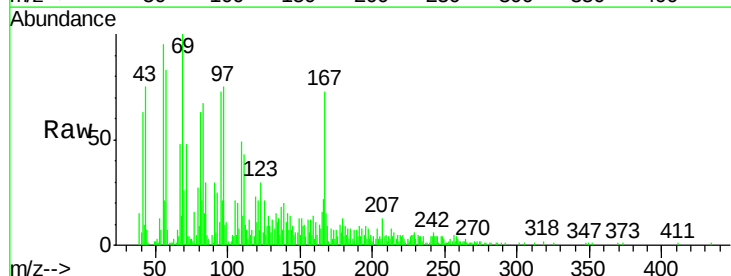
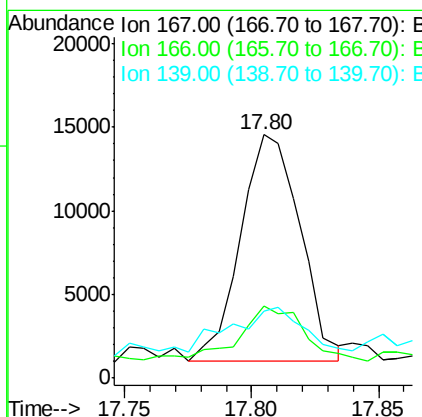
RT: 17.80 min Scan# 2547

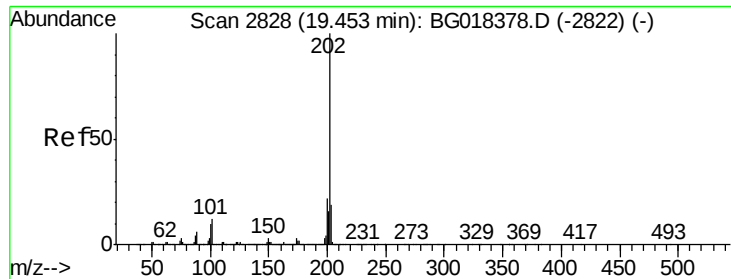
Delta R.T. -0.00 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	29.5	18.9	28.3#
139	27.3	10.1	15.1#





#77

Fluoranthene

Concen: 15.96 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Instrument :

BNA_G

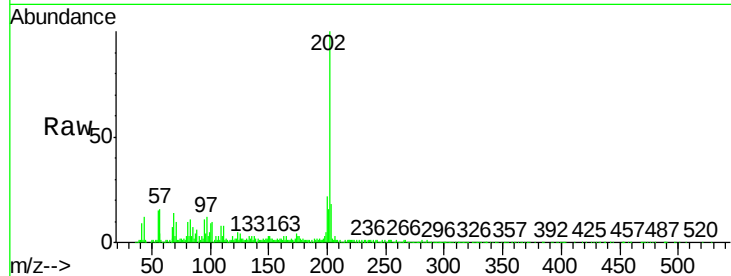
ClientSampleId :

C02D0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		330189		
101	10.5	9.7	14.5		
100	8.7	7.8	11.8		

Manual Integrations
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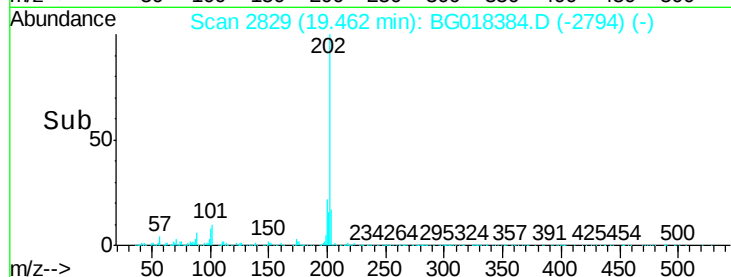


Abundance Ion 202.00 (201.70 to 202.70): E

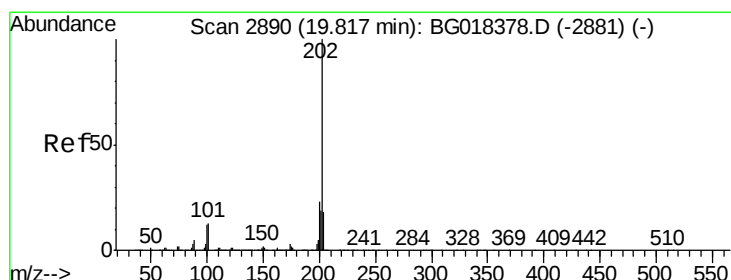
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#80

Pyrene

Concen: 13.88 ng/ul

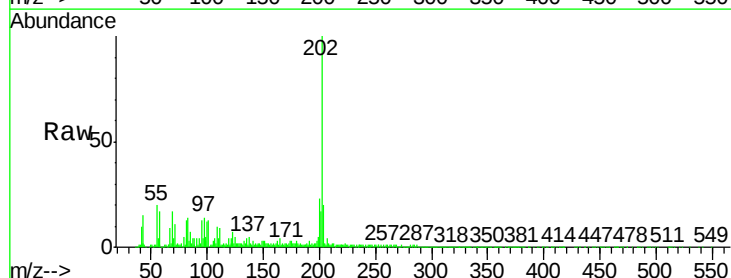
RT: 19.82 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		301290		
101	12.9	11.0	16.4		
100	12.0	9.8	14.6		

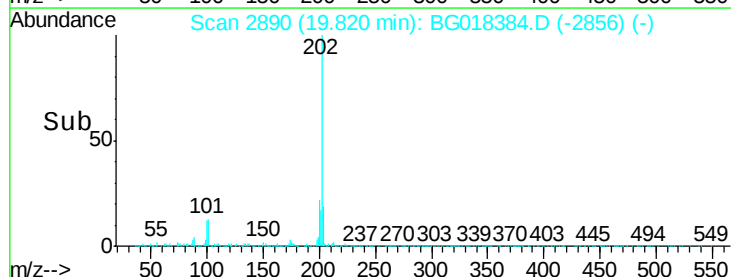


Abundance Ion 202.00 (201.70 to 202.70): E

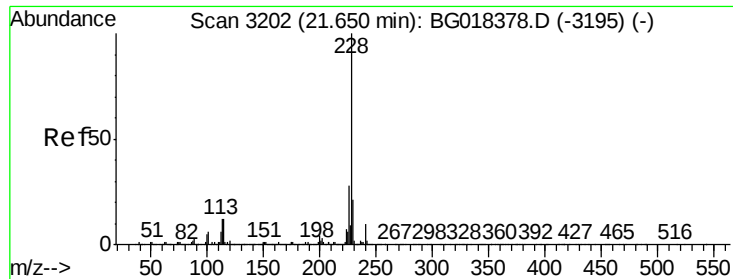
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#83

Benzo(a)anthracene

Concen: 7.94 ng/ul

RT: 21.66 min Scan# 3203

Delta R.T. 0.01 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Instrument :

BNA_G

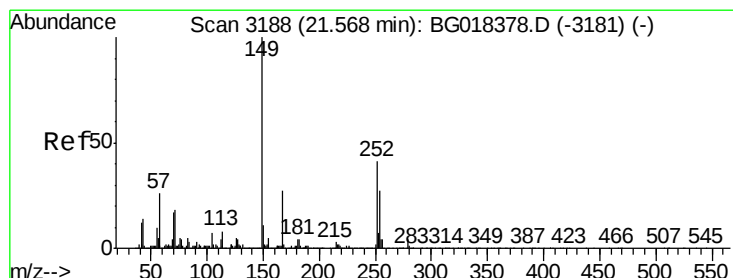
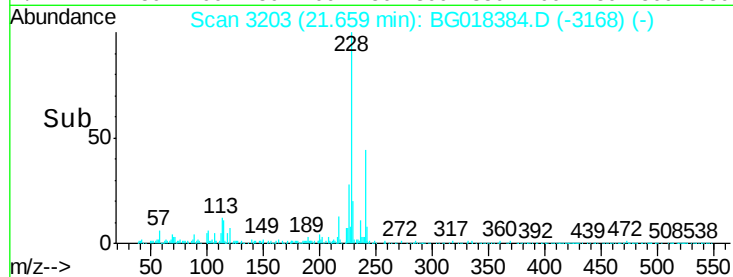
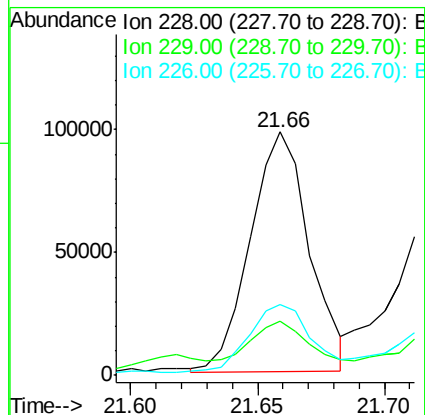
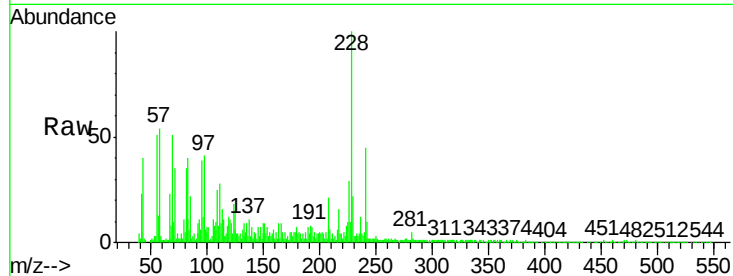
ClientSampleId :

C02D0

Tot Ion:	228	Resp:	158063
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.5	23.3
226	28.9	22.1	33.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 6.35 ng/ul

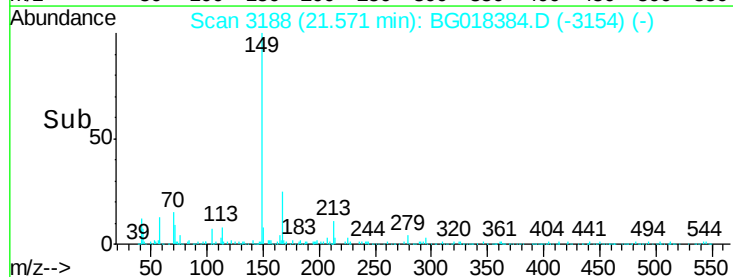
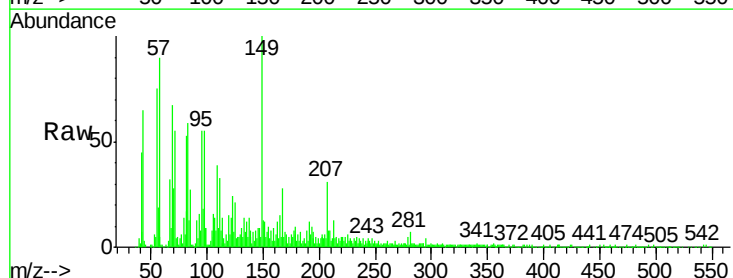
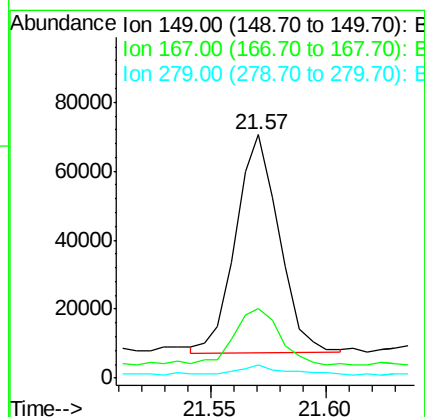
RT: 21.57 min Scan# 3188

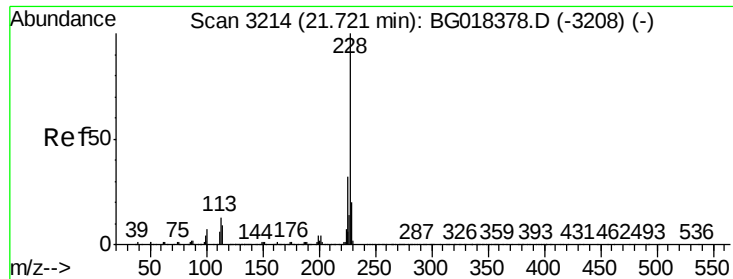
Delta R.T. 0.00 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Tgt Ion:	149	Resp:	82395
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.2
279	5.4	2.8	4.2#





#85

Chrysene

Concen: 8.54 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Instrument :

BNA_G

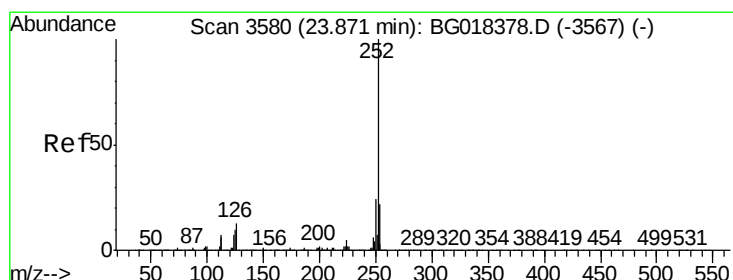
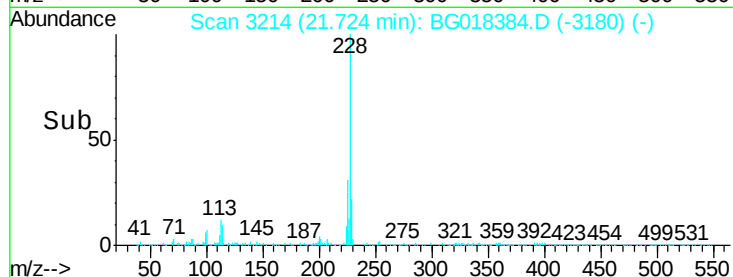
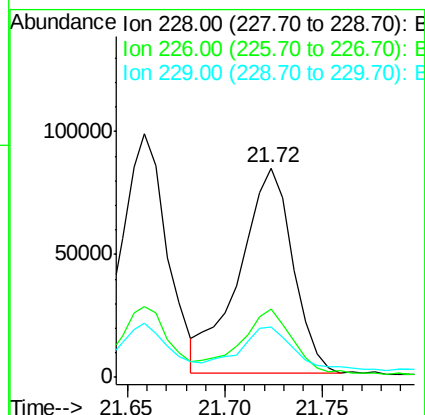
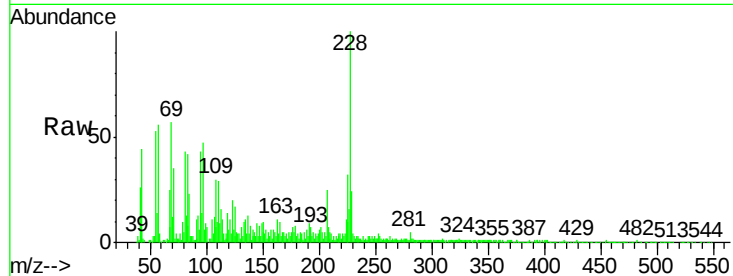
ClientSampleId :

C02D0

Tot Ion:	228	Resp:	158974
Ion Ratio	Lower	Upper	
228	100		
226	32.3	26.5	39.7
229	23.8	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 10.89 ng/ul

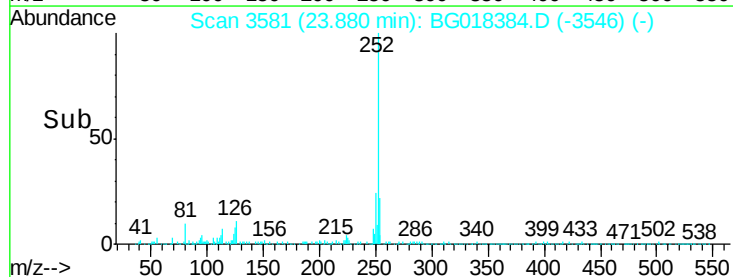
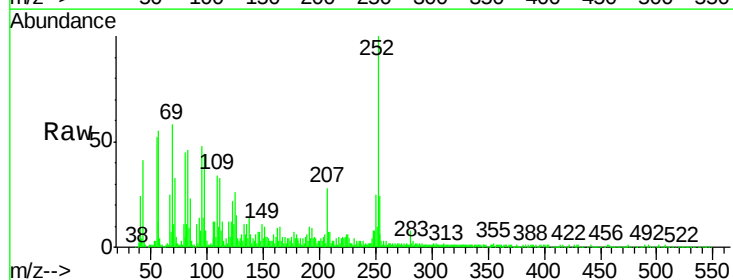
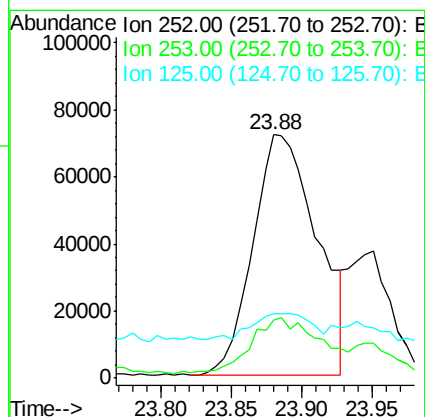
RT: 23.88 min Scan# 3581

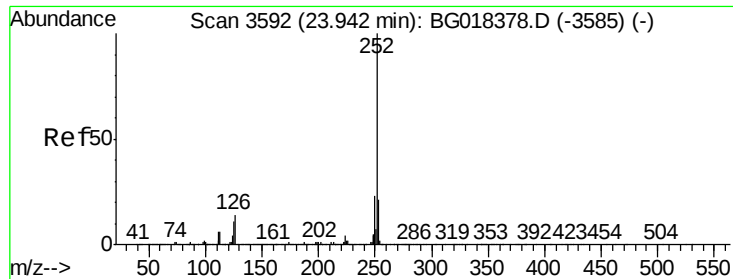
Delta R.T. 0.01 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Tgt Ion:	252	Resp:	226799
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	26.3	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 4.27 ng/ul m

RT: 23.95 min Scan# 3593

Delta R.T. 0.01 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Instrument :

BNA_G

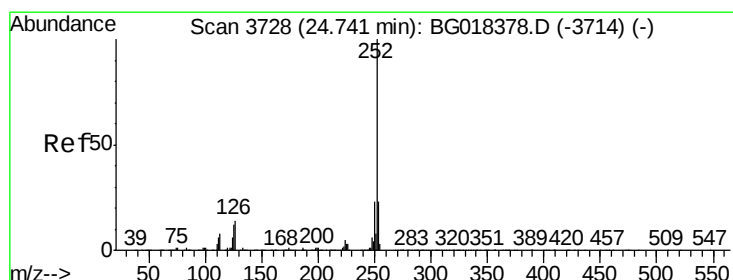
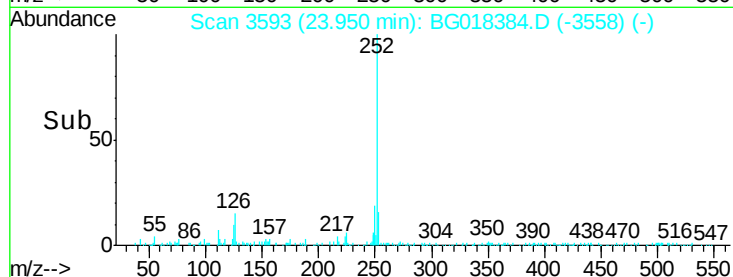
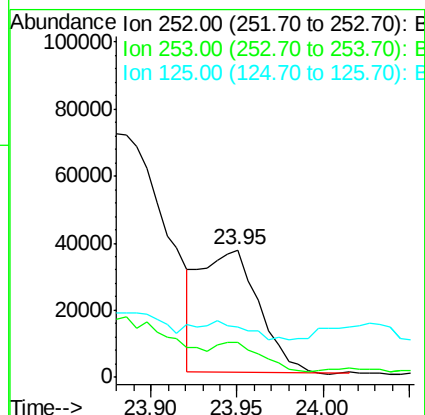
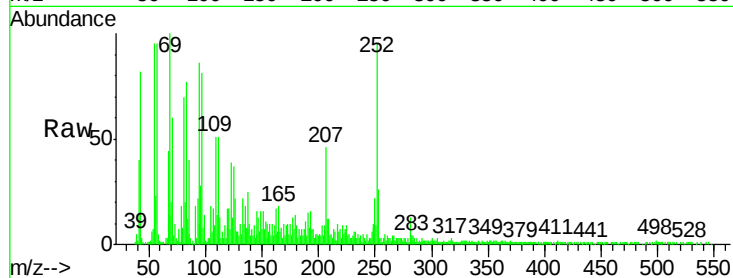
ClientSampleId :

C02D0

Tot Ion:	252	Resp:	85577
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.8	26.6#
125	39.2	9.0	13.4#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 8.47 ng/ul

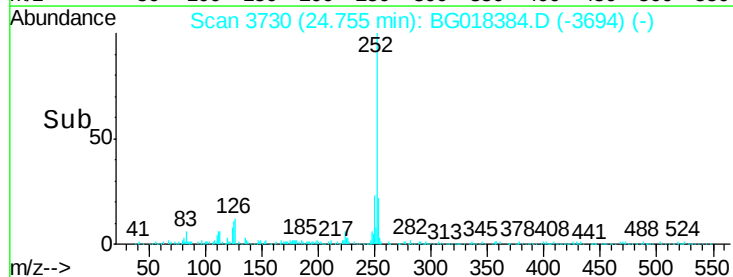
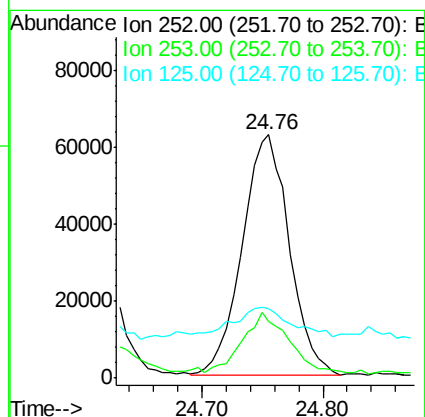
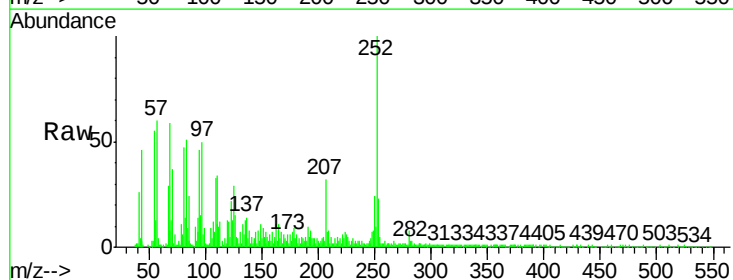
RT: 24.76 min Scan# 3730

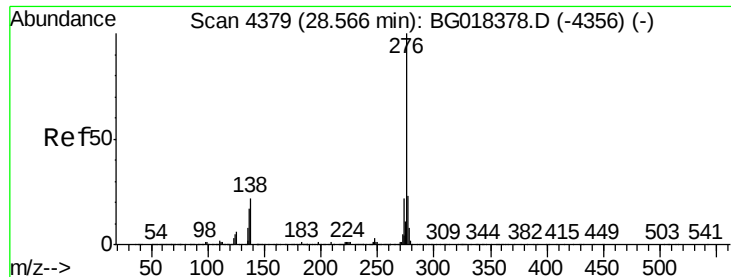
Delta R.T. 0.01 min

Lab File: BG018384.D

Acq: 11 Aug 2015 16:46

Tgt Ion:	252	Resp:	167807
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	28.8	10.2	15.2#





#92

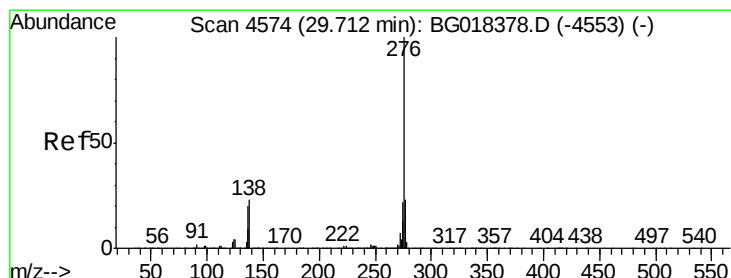
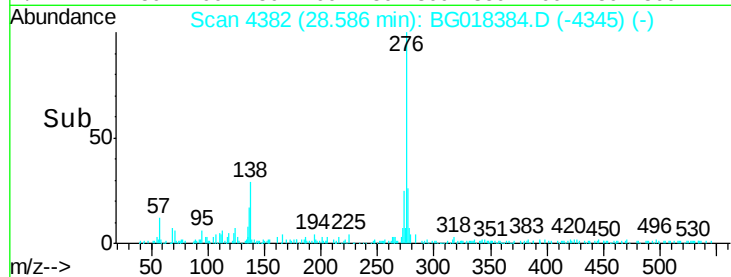
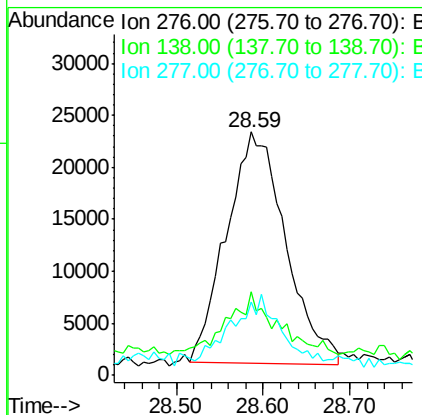
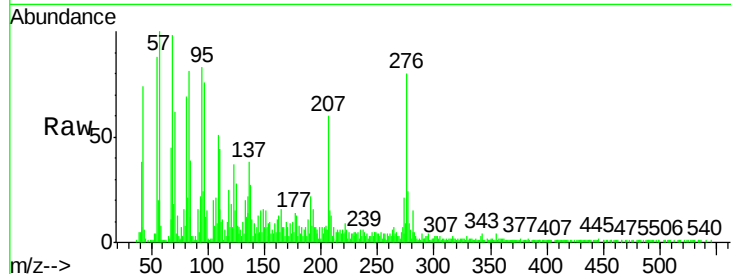
Indeno(1,2,3-cd)pyrene
Concen: 4.56 ng/ul m
RT: 28.59 min Scan# 4382
Delta R.T. 0.02 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Instrument :
BNA_G
ClientSampleId :
C02D0

Tot Ion:	276	Resp:	104540
Ion Ratio		Lower	Upper
276	100		
138	34.3	15.8	23.6#
277	30.0	18.9	28.3#

Manual Integrations
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#94

Benzo(g,h,i)perylene
Concen: 4.26 ng/ul
RT: 29.73 min Scan# 4576
Delta R.T. 0.01 min
Lab File: BG018384.D
Acq: 11 Aug 2015 16:46

Tgt Ion:	276	Resp:	82032
Ion Ratio		Lower	Upper
276	100		
138	27.0	16.5	24.7#
277	28.0	19.0	28.6

