

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
 Data File : BG018381.D
 Acq On : 11 Aug 2015 14:52
 Operator : UM/MA
 Sample : G3109-16DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01W6DL

Manual Integrations
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 8/12/2015 3:52:47 PM

Quant Time: Aug 12 01:49:50 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	105830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	466339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	291380	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	612434	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	528844	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	541938	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.20	99	19394	2.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	12926	2.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	15064	2.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	14847	1.84	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	8449	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	8222	2.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	17969	2.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	5219	0.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	60373	2.46	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	76425	2.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	6506	1.48	ng/ul	0.00
58) Fluorene-d10	15.66	176	55519	2.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.51	188	77700m	2.65	ng/ul	0.00
79) Pyrene-d10	19.79	212	70170	2.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	71510	2.49	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.11	163	27184	1.12	ng/ul#	93
70) Phenanthrene	17.46	178	78253	2.35	ng/ul#	96
77) Fluoranthene	19.46	202	184226	5.19	ng/ul	98
80) Pyrene	19.82	202	182674	5.11	ng/ul	100
81) Butylbenzylphthalate	20.71	149	43484m	2.87	ng/ul	
83) Benzo(a)anthracene	21.66	228	97975	2.99	ng/ul#	84
84) Bis(2-ethylhexyl)phthalate	21.58	149	1268852	59.37	ng/ul#	96
85) Chrysene	21.73	228	107305	3.50	ng/ul#	90
88) Benzo(b)fluoranthene	23.89	252	150736	4.43	ng/ul#	46
89) Benzo(k)fluoranthene	23.94	252	56762m	1.73	ng/ul	
91) Benzo(a)pyrene	24.76	252	96355	2.98	ng/ul#	15
92) Indeno(1,2,3-cd)pyrene	28.60	276	57331	1.53	ng/ul#	66
94) Benzo(g,h,i)perylene	29.76	276	43667m	1.39	ng/ul	

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

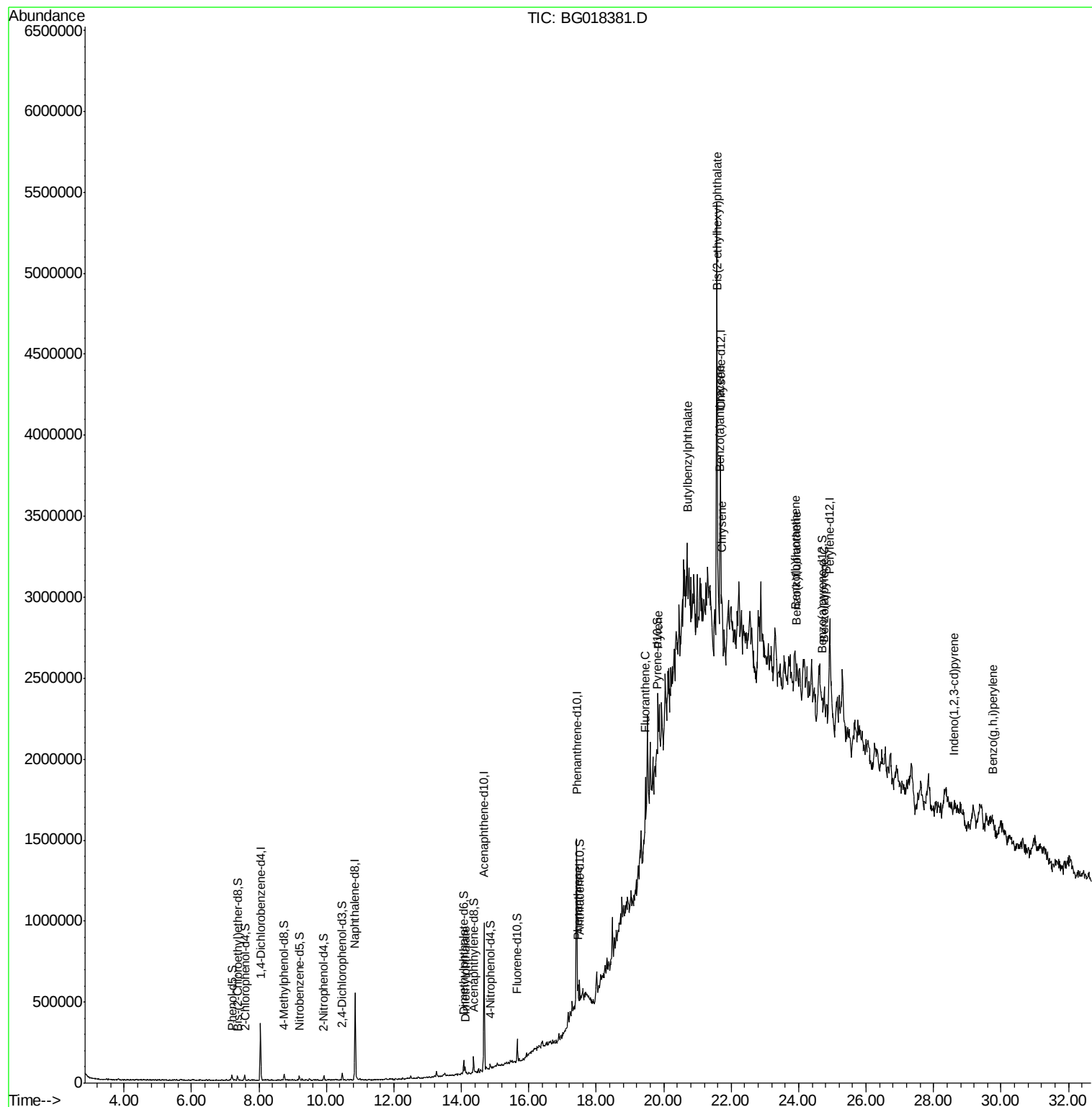
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018381.D
Acq On : 11 Aug 2015 14:52
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Sample : G3109-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

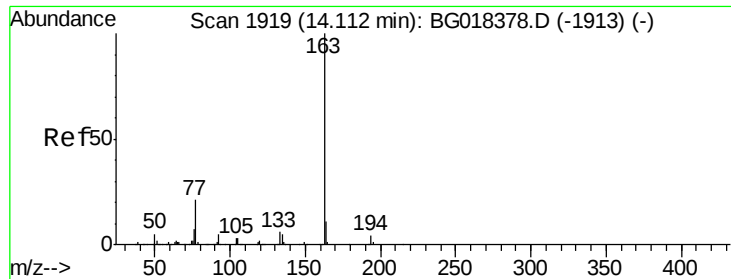
Instrument :
BNA_G
ClientSampleId :
C01W6DL

Manual Integrations
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Quant Time: Aug 12 01:49:50 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
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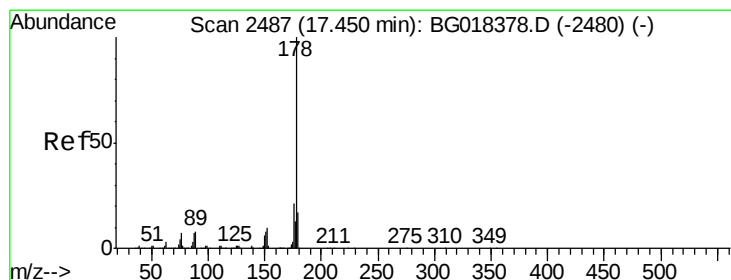
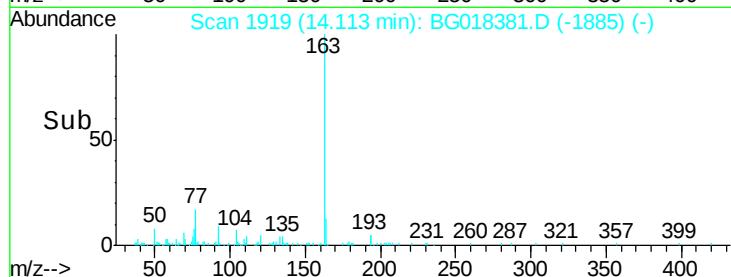
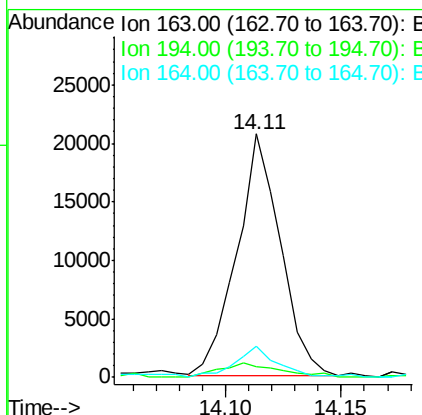
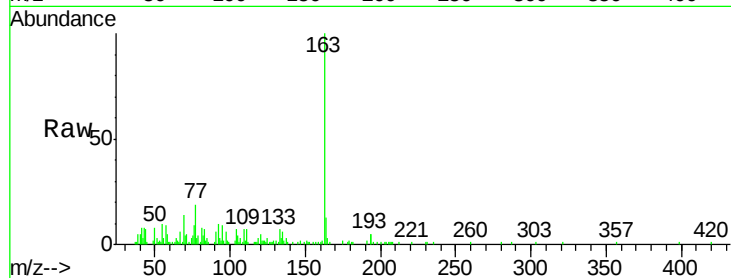
#45
Dimethylphthalate
Concen: 1.12 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Instrument :
BNA_G
ClientSampleId :
C01W6DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.9	4.3#
164	12.7	7.7	11.5#

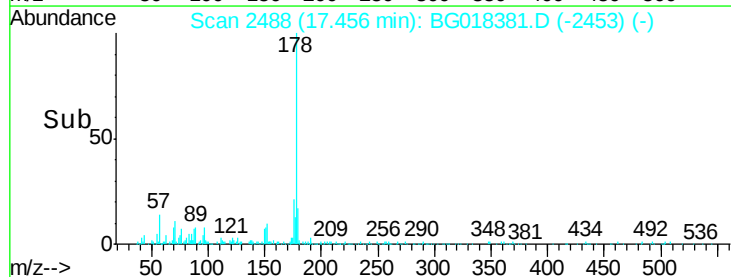
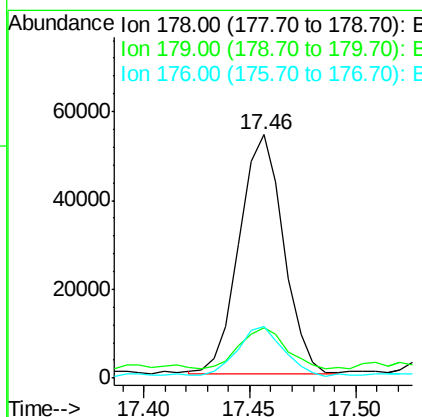
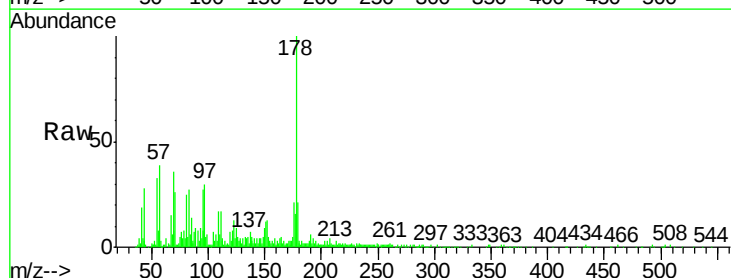
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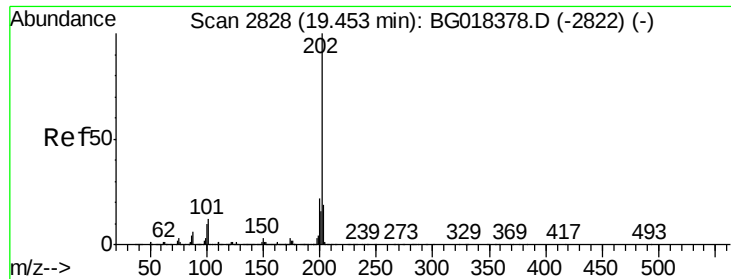
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#70
Phenanthrene
Concen: 2.35 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.7	20.5#
176	21.3	16.6	24.8





#77

Fluoranthene

Concen: 5.19 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

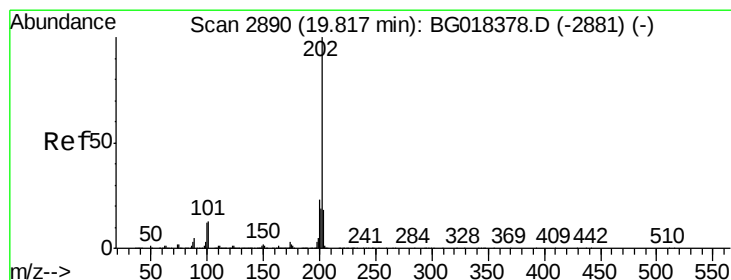
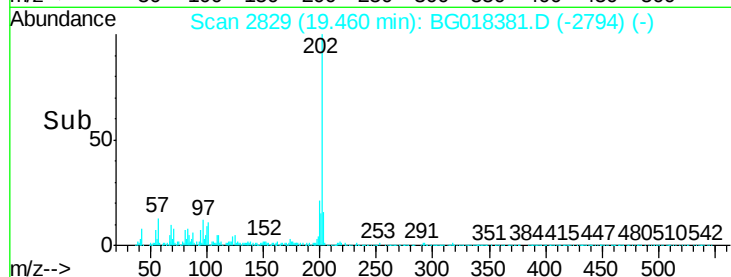
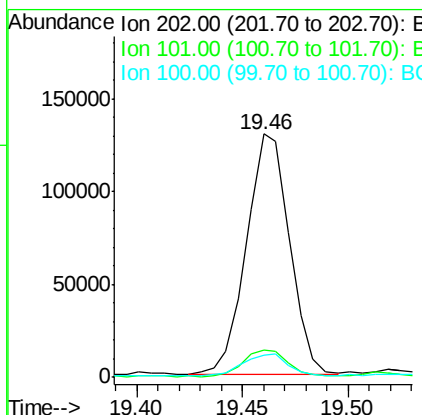
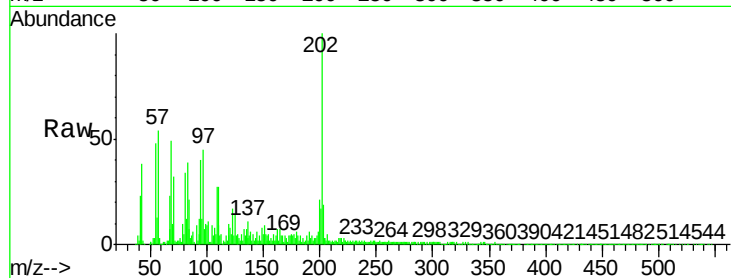
ClientSampleId :

C01W6DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		184226		
101	11.4	9.7	14.5		
100	9.2	7.8	11.8		

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#80

Pyrene

Concen: 5.11 ng/ul

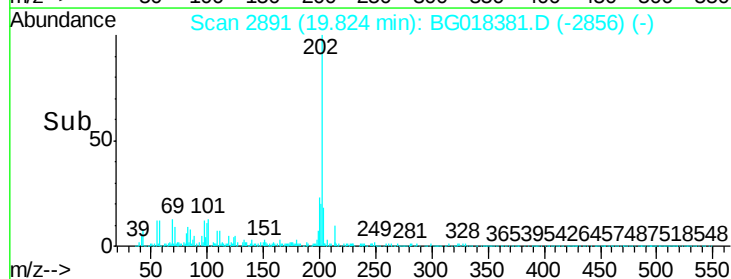
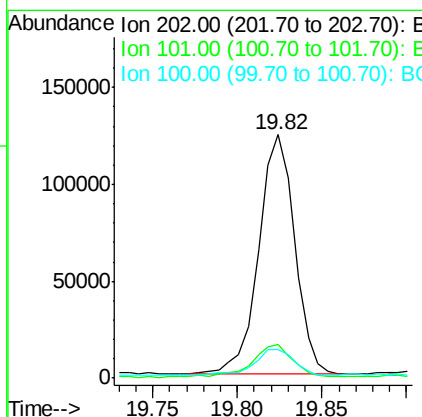
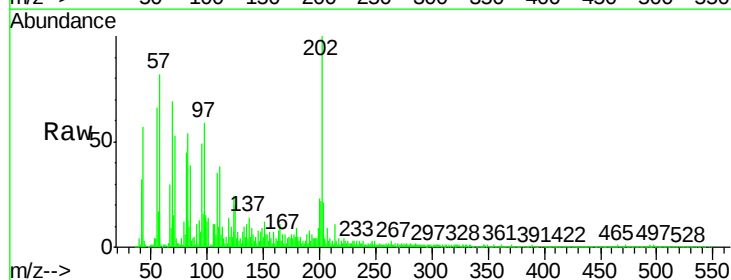
RT: 19.82 min Scan# 2891

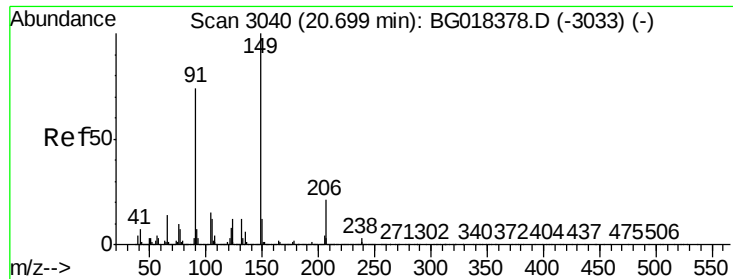
Delta R.T. 0.01 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		182674		
101	13.8	11.0	16.4		
100	12.0	9.8	14.6		





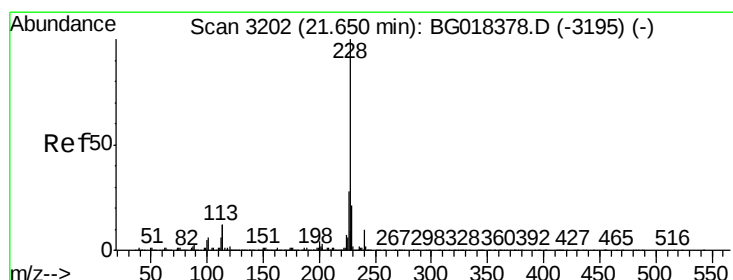
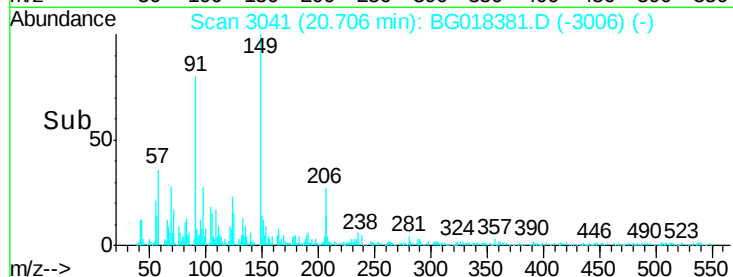
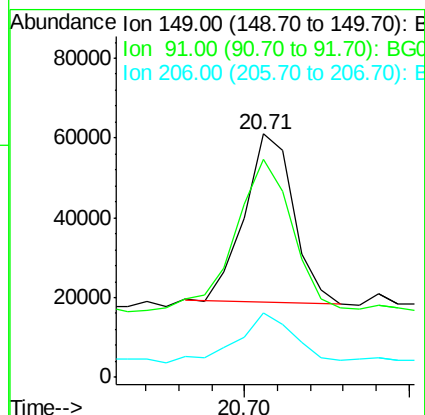
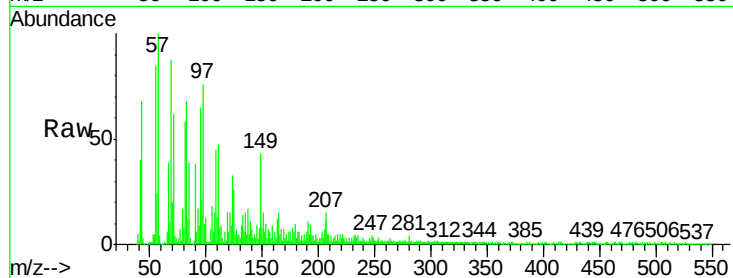
#81
Butylbenzylphthalate
Concen: 2.87 ng/ul
RT: 20.71 min Scan# 3041
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Instrument :
BNA_G
ClientSampleId :
C01W6DL

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.4	57.9	86.9#
206	26.4	17.9	26.9

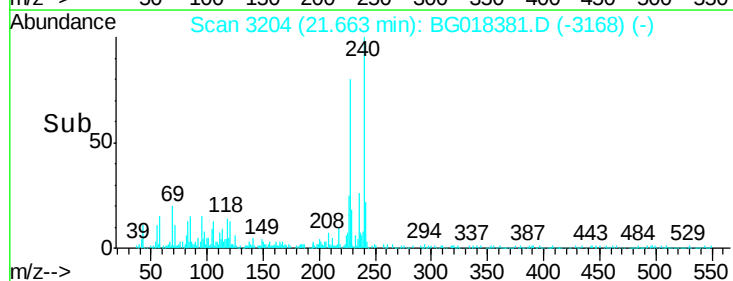
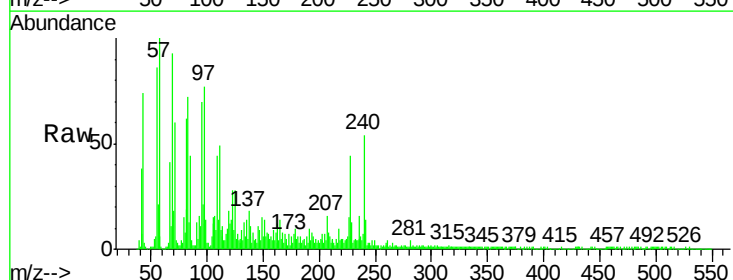
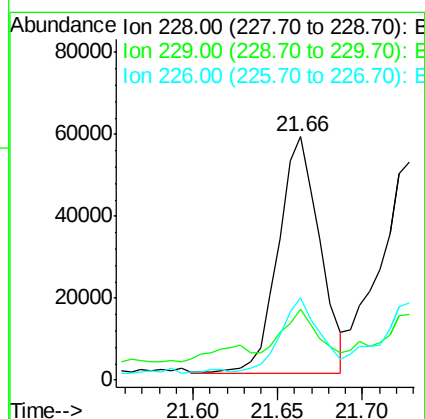
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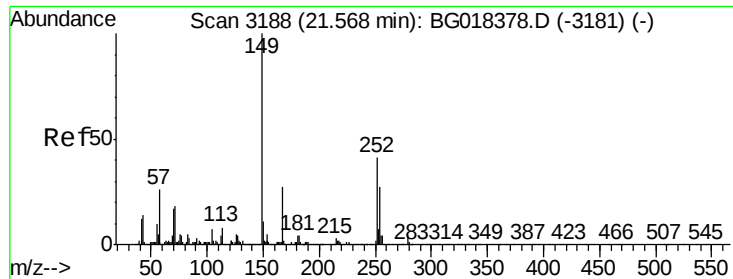
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#83
Benzo(a)anthracene
Concen: 2.99 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.9	15.5	23.3#
226	33.7	22.1	33.1#





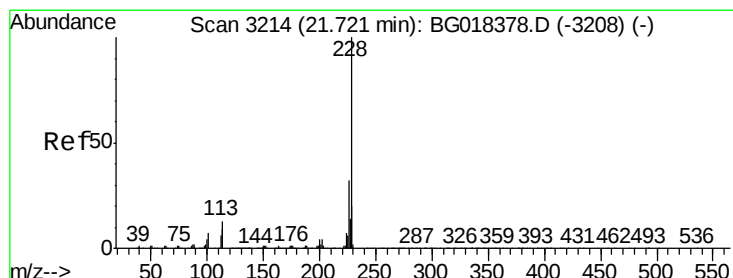
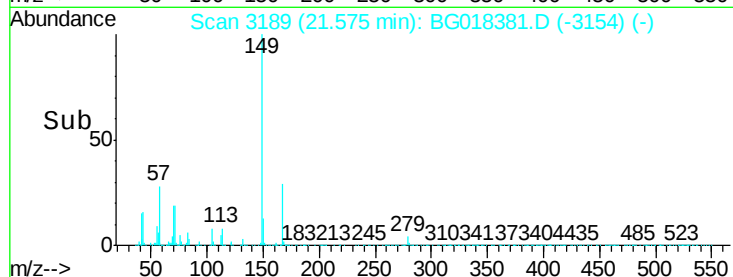
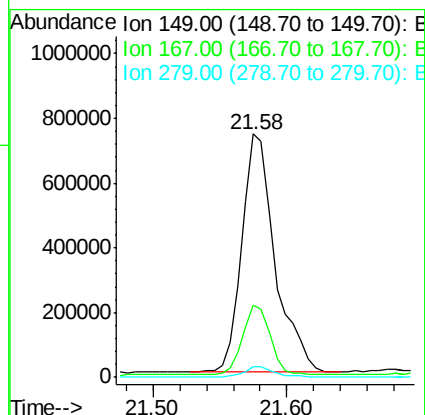
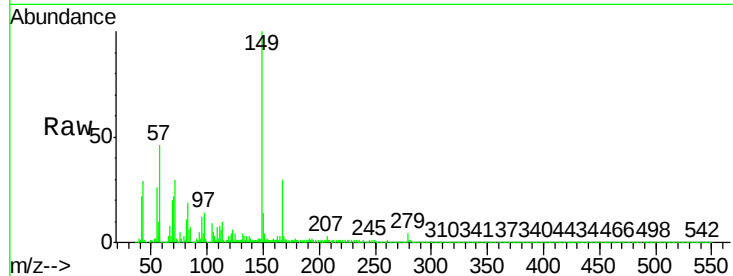
#84
Bis(2-ethylhexyl)phthalate
Concen: 59.37 ng/ul
RT: 21.58 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Instrument :
BNA_G
ClientSampleId :
C01W6DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.2	33.2
279	4.3	2.8	4.2

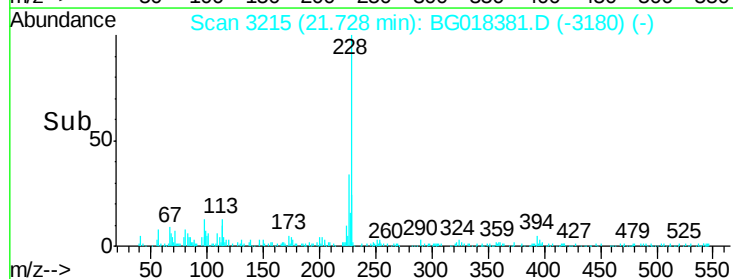
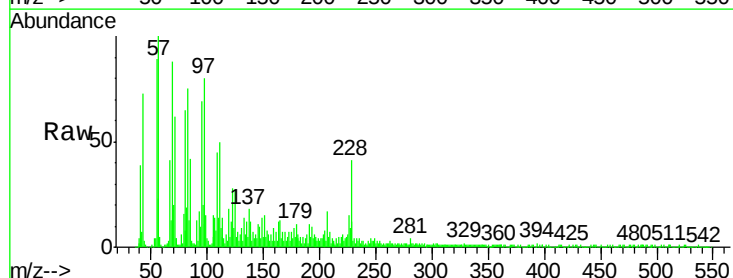
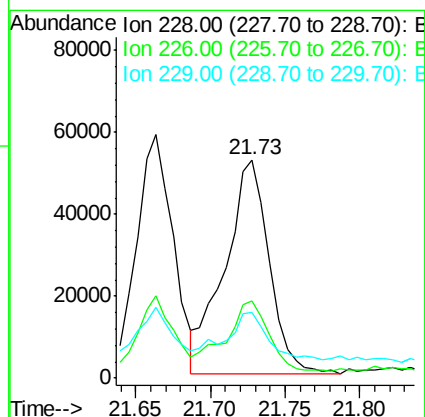
Manual Integrations
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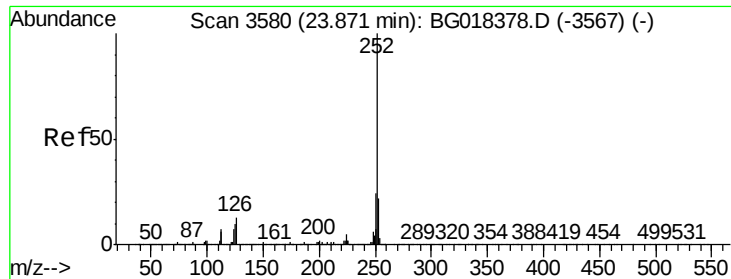
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#85
Chrysene
Concen: 3.50 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	26.5	39.7
229	30.1	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 4.43 ng/ul

RT: 23.89 min Scan# 3583

Delta R.T. 0.02 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

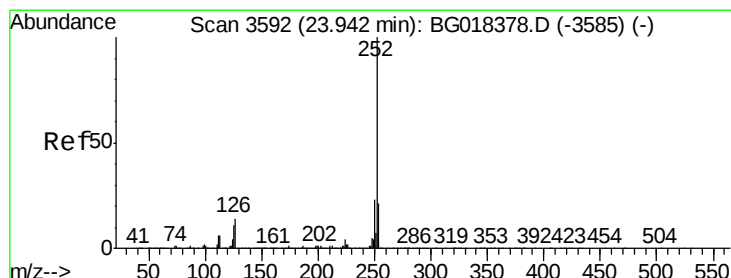
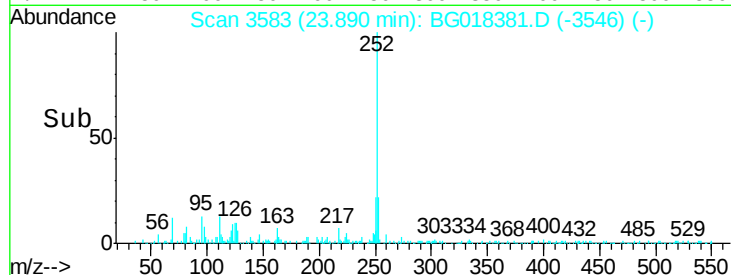
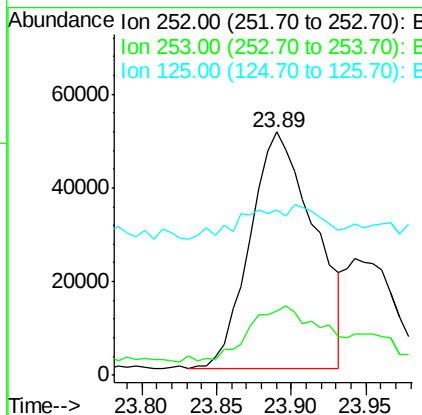
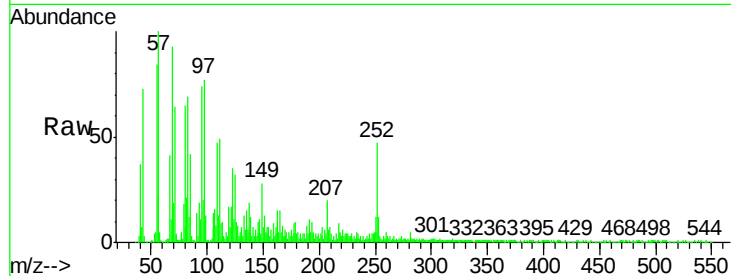
ClientSampleId :

C01W6DL

Tot Ion:	252	Resp:	150736
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.1	27.1
125	67.9	8.3	12.5#

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#89

Benzo(k)fluoranthene

Concen: 1.73 ng/ul m

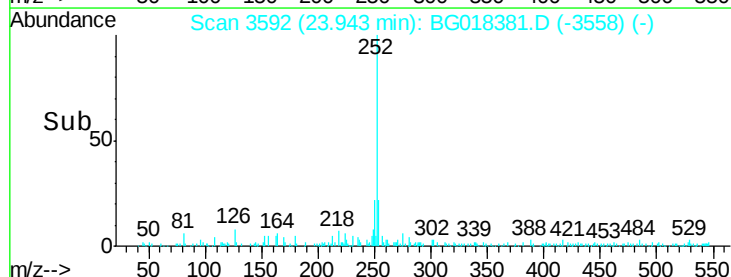
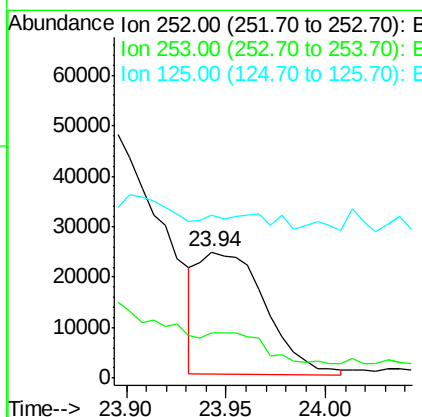
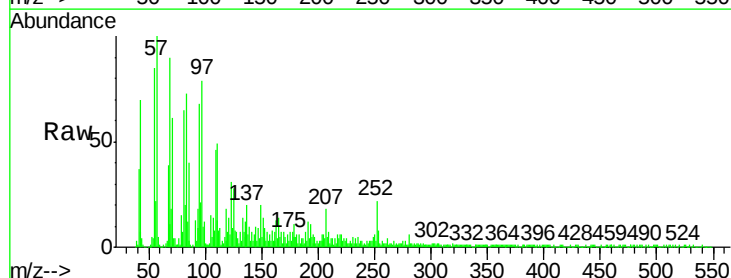
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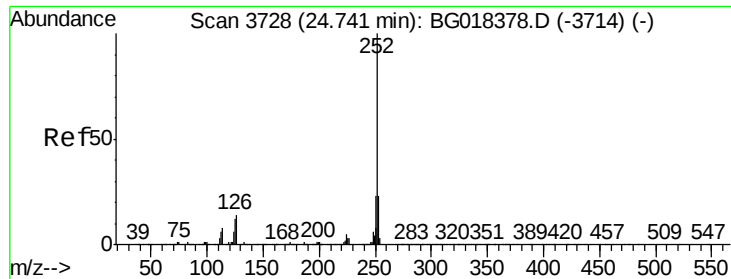
Delta R.T. 0.00 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Tgt Ion:	252	Resp:	56762
Ion Ratio	Lower	Upper	
252	100		
253	35.5	17.8	26.6#
125	129.1	9.0	13.4#





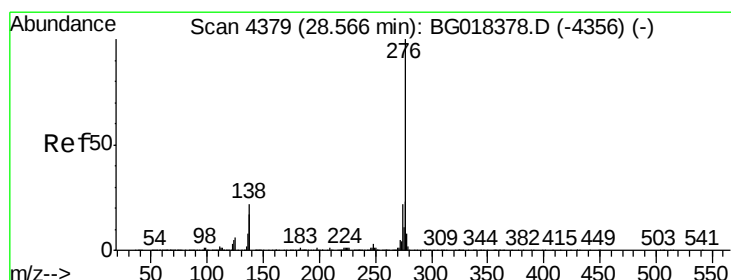
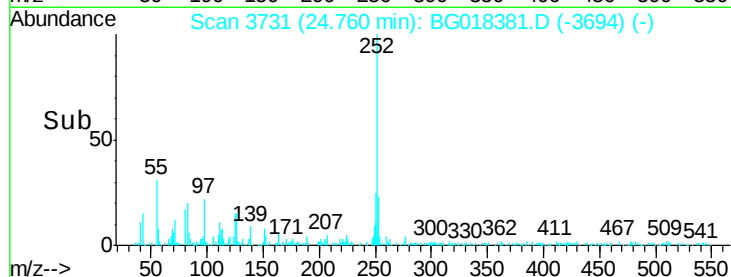
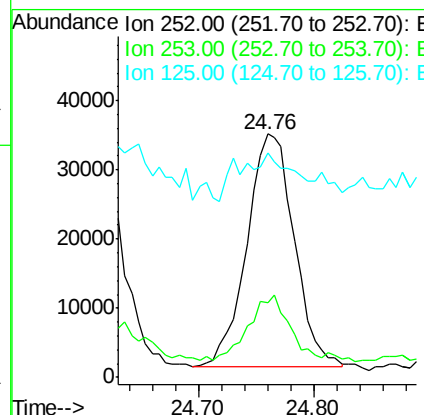
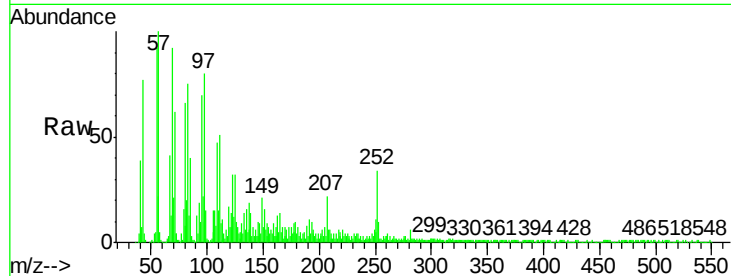
#91
Benzo(a)pyrene
Concen: 2.98 ng/ul
RT: 24.76 min Scan# 3731
Delta R.T. 0.02 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Instrument :
BNA_G
ClientSampleId :
C01W6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.7	26.5#
125	92.1	10.2	15.2#

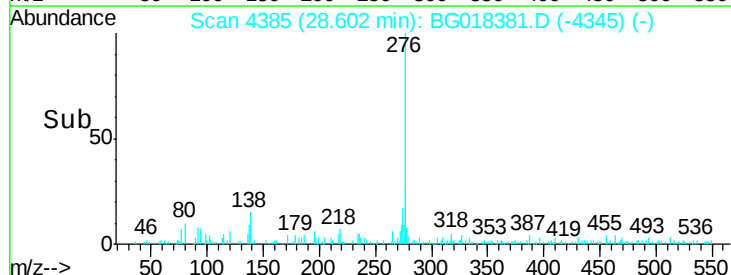
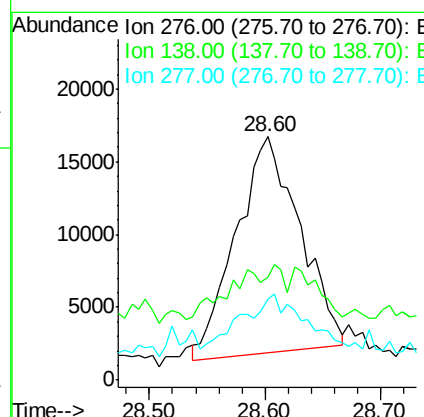
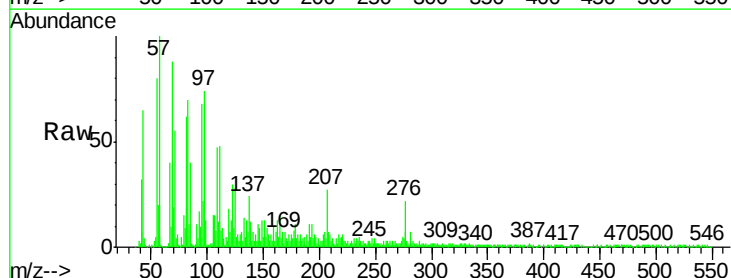
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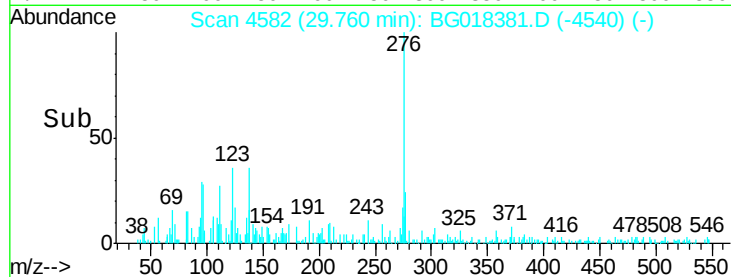
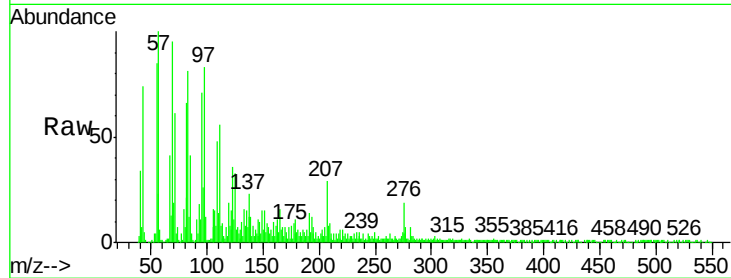
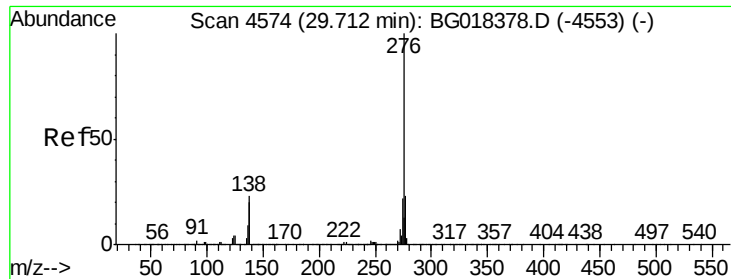
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.53 ng/ul
RT: 28.60 min Scan# 4385
Delta R.T. 0.04 min
Lab File: BG018381.D
Acq: 11 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.4	15.8	23.6#
277	33.4	18.9	28.3#





#94

Benzo(a,h,i)perylene

Concen: 1.39 ng/ul m

RT: 29.76 min Scan# 4582

Delta R.T. 0.05 min

Lab File: BG018381.D

Acq: 11 Aug 2015 14:52

Instrument :

BNA_G

ClientSampleId :

C01W6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	66.1	16.5	24.7#
277	34.9	19.0	28.6#

Manual Integrations
APPROVED

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