

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021406.D
 Acq On : 10 Mar 2016 13:37
 Operator : UM/SJ
 Sample : H1616-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P002-SS001-01

Manual Integrations
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Sohil
 3/11/2016 5:27:31 PM

Quant Time: Mar 11 11:50:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:30:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	14915	20.00	ng/ul	0.02
18) Naphthalene-d8	10.95	136	75269	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.75	164	43152	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.49	188	93179	20.00	ng/ul	0.02
78) Chrysene-d12	21.76	240	150587	20.00	ng/ul	0.03
86) Perylene-d12	25.07	264	146348	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	789	2.48	ng/uL	0.01
5) Phenol-d5	7.29	99	30511	18.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.46	67	20885	19.24	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	22681	19.68	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	26075	19.11	ng/ul	0.02
19) Nitrobenzene-d5	9.30	128	12806	21.12	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	13286	19.95	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.57	165	23318	19.27	ng/ul	0.03
29) 4-Chloroaniline-d4	11.08	131	28551	17.99	ng/ul	0.02
44) Dimethylphthalate-d6	14.17	166	79065	21.17	ng/ul	0.04
47) Acenaphthylene-d8	14.45	160	91915	20.20	ng/ul	0.02
52) 4-Nitrophenol-d4	14.95	143	11380	16.12	ng/ul	0.03
58) Fluorene-d10	15.74	176	67010	20.42	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.85	200	11761	18.86	ng/ul	0.02
71) Anthracene-d10	17.59	188	98566	21.19	ng/ul	0.02
79) Pyrene-d10	19.87	212	129891	16.91	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.84	264	171270	21.89	ng/ul	0.07

Target Compounds

						Qvalue
45) Dimethylphthalate	14.21	163	28603	7.17	ng/ul	98
59) Fluorene	15.79	166	4038	1.03	ng/ul#	81
70) Phenanthrene	17.53	178	42645	7.69	ng/ul	97
72) Anthracene	17.62	178	10999m	1.95	ng/ul	
77) Fluoranthene	19.53	202	62122	9.71	ng/ul	98
80) Pyrene	19.89	202	62370	6.19	ng/ul	98
83) Benzo(a)anthracene	21.74	228	41523	4.22	ng/ul#	80
84) Bis(2-ethylhexyl)phthalate	21.63	149	10431	1.51	ng/ul#	64
85) Chrysene	21.80	228	32511	3.57	ng/ul#	80
88) Benzo(b)fluoranthene	24.02	252	55560	5.55	ng/ul#	1
91) Benzo(a)pyrene	24.91	252	44080	4.48	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.79	276	28550	2.64	ng/ul#	62
94) Benzo(g,h,i)perylene	29.95	276	26688	3.00	ng/ul#	70

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

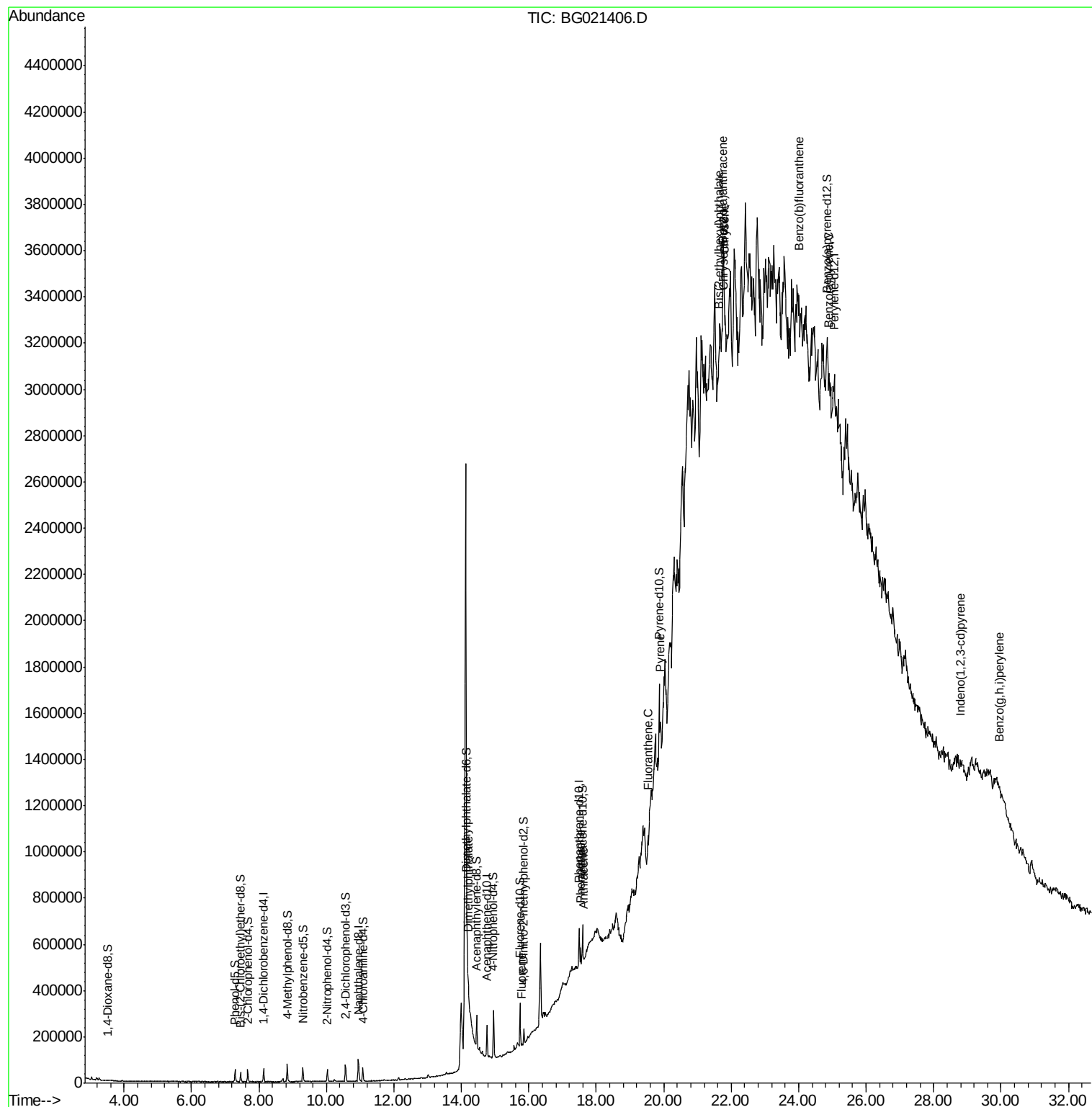
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021406.D
Acq On : 10 Mar 2016 13:37
Operator : UM/SJ
Sample : H1616-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

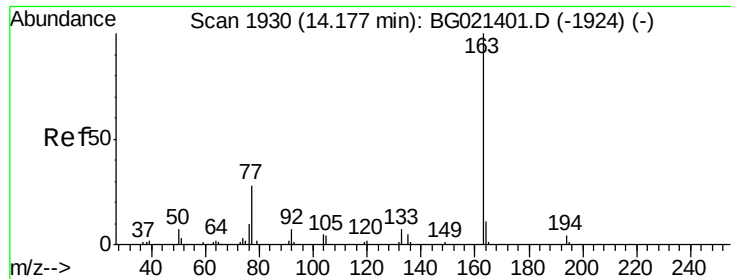
Instrument :
BNA_G
ClientSampleID :
BLDG06-P002-SS001-01

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Quant Time: Mar 11 11:50:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





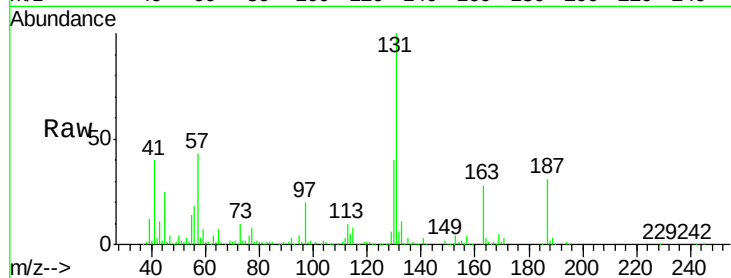
#45
Dimethylphthalate
Concen: 7.17 ng/ul
RT: 14.21 min Scan# 1935
Delta R.T. 0.03 min
Lab File: BG021406.D
Acq: 10 Mar 2016 13:37

Instrument :
BNA_G
ClientSampleId :
BLDG06-P002-SS001-01

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.9	5.9
164	10.2	8.7	13.1

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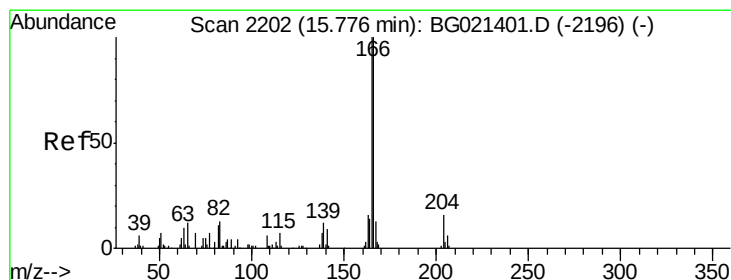
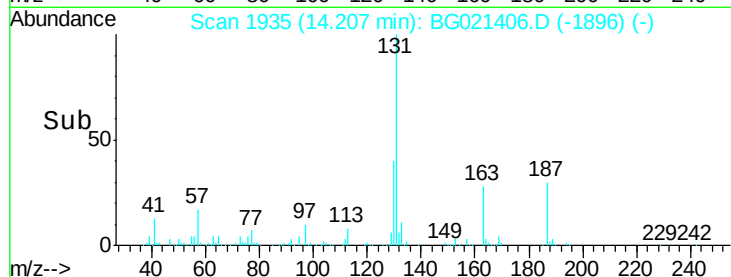
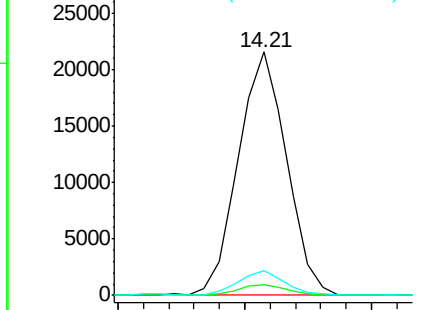


Abundance

Ion 163.00 (162.70 to 163.70): E

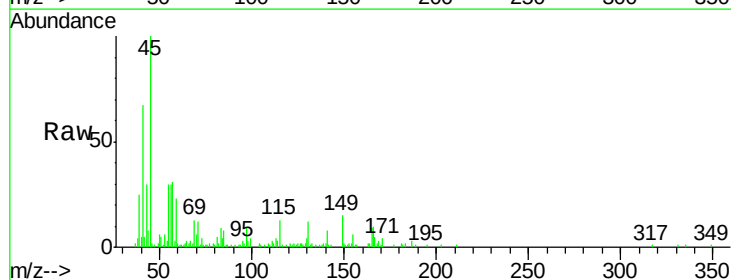
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59
Fluorene
Concen: 1.03 ng/ul
RT: 15.79 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BG021406.D
Acq: 10 Mar 2016 13:37

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	93.5	81.1	121.7
167	54.3	10.6	16.0#

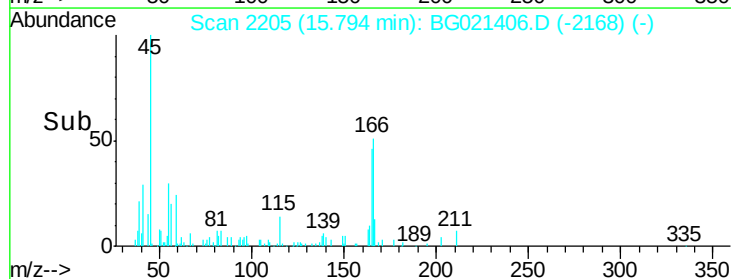
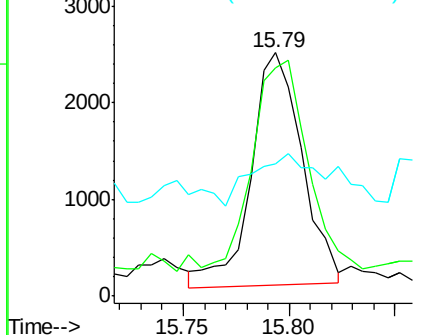


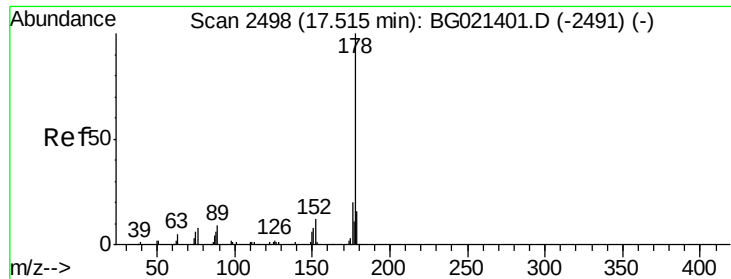
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





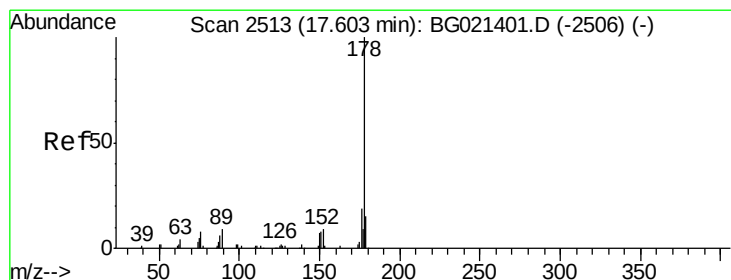
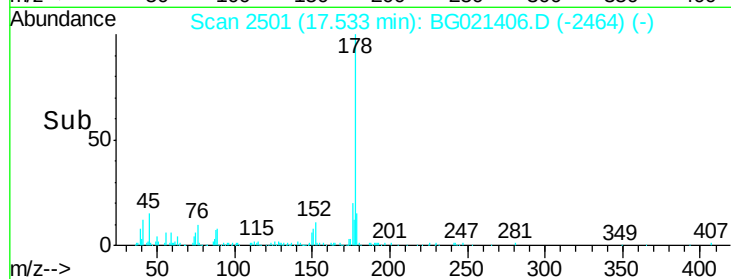
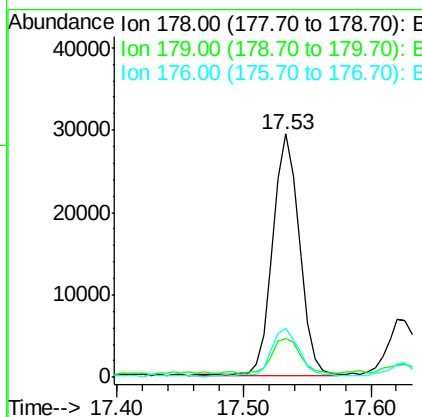
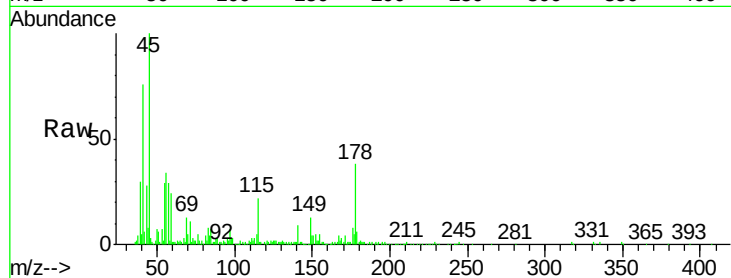
#70
Phenanthrene
Concen: 7.69 ng/ul
RT: 17.53 min Scan# 2501
Delta R.T. 0.02 min
Lab File: BG021406.D
Acq: 10 Mar 2016 13:37

Instrument :
BNA_G
ClientSampleId :
BLDG06-P002-SS001-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	20.0	14.8	22.2

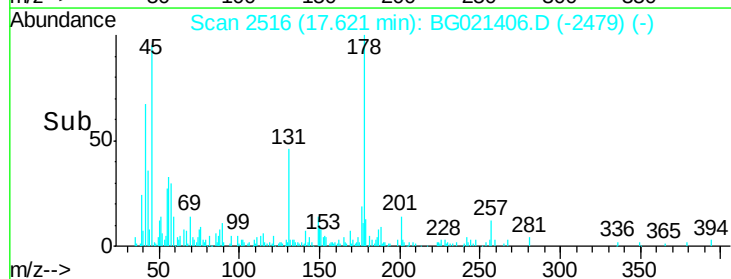
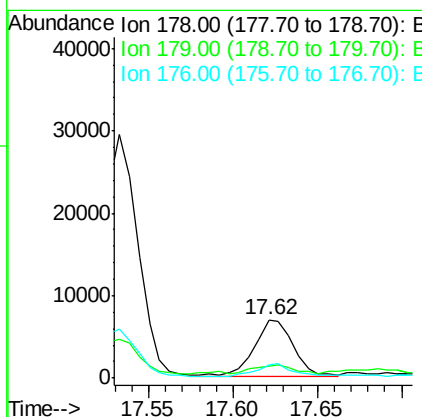
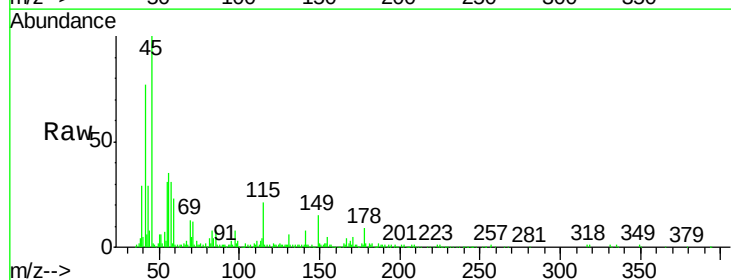
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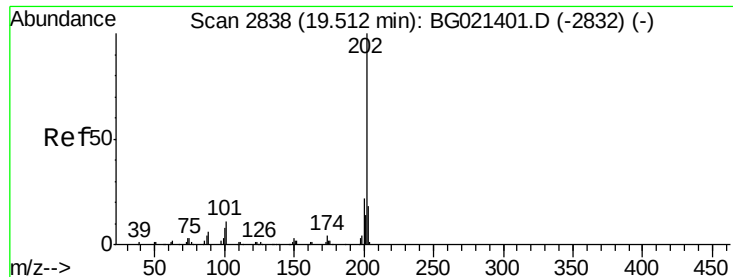
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#72
Anthracene
Concen: 1.95 ng/ul m
RT: 17.62 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BG021406.D
Acq: 10 Mar 2016 13:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.9	19.3#
176	22.0	15.6	23.4





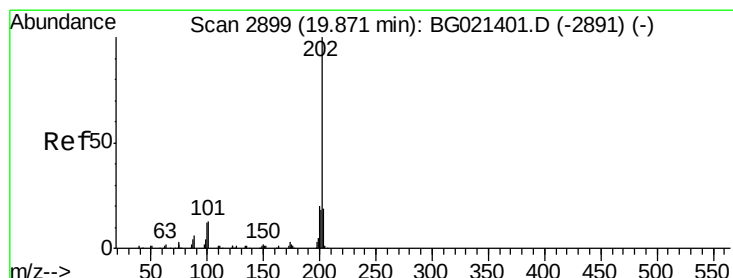
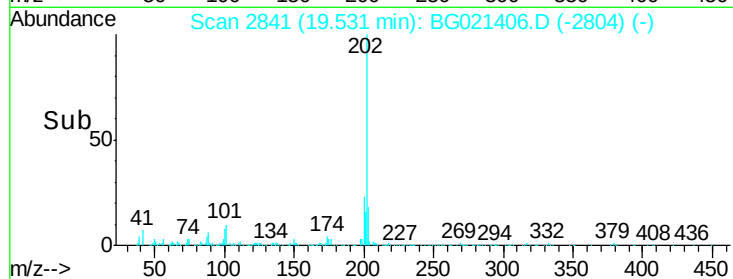
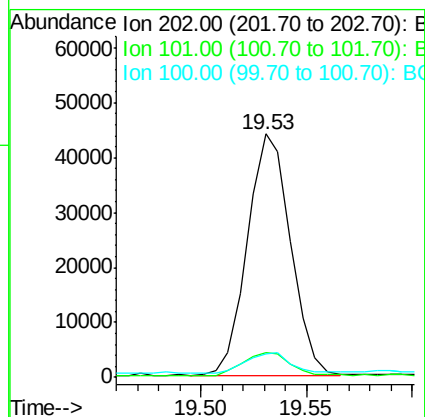
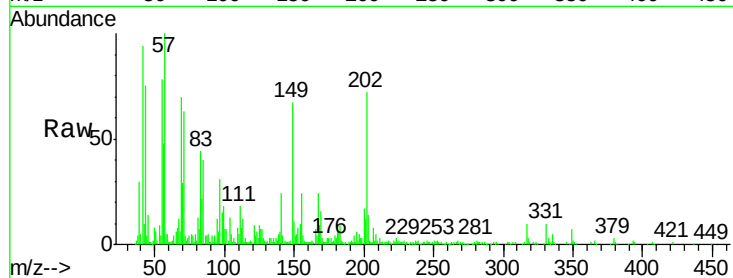
#77
Fluoranthene
Concen: 9.71 ng/ul
RT: 19.53 min Scan# 2841
Delta R.T. 0.02 min
Lab File: BG021406.D
Acq: 10 Mar 2016 13:37

Instrument :
BNA_G
ClientSampleId :
BLDG06-P002-SS001-01

Tgt Ion:	202	Resp:	62122
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.9	13.3
100	9.7	7.0	10.4

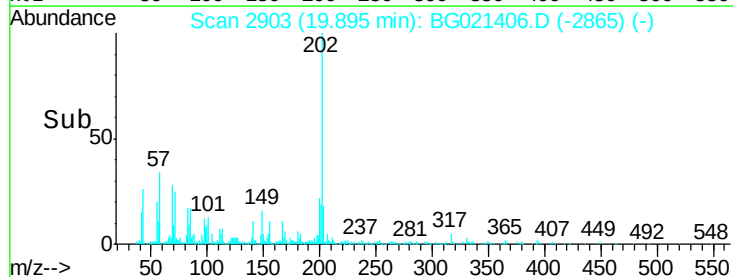
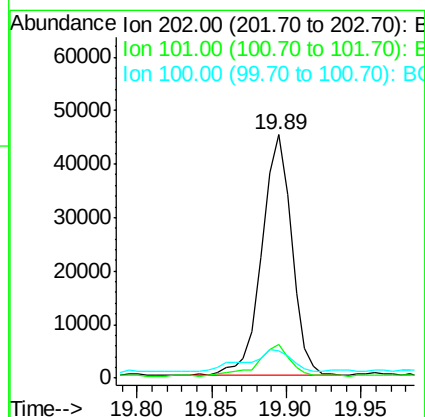
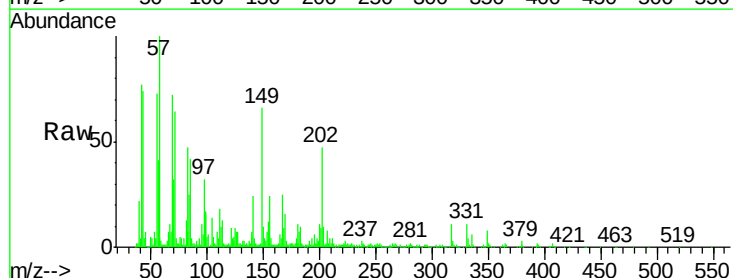
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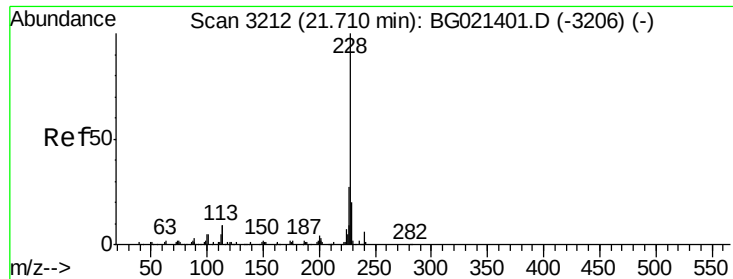
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#80
Pyrene
Concen: 6.19 ng/ul
RT: 19.89 min Scan# 2903
Delta R.T. 0.02 min
Lab File: BG021406.D
Acq: 10 Mar 2016 13:37

Tgt Ion:	202	Resp:	62370
Ion Ratio	Lower	Upper	
202	100		
101	13.7	9.8	14.8
100	11.3	9.3	13.9





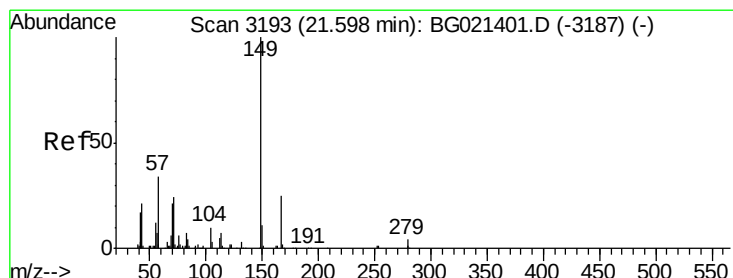
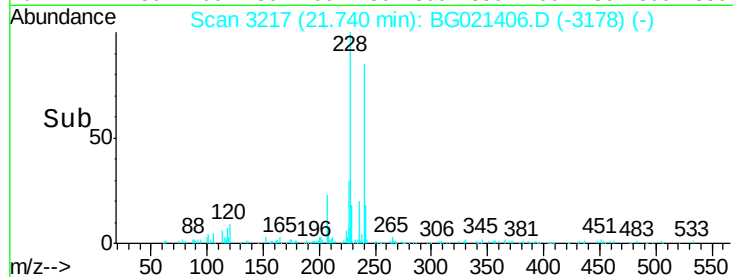
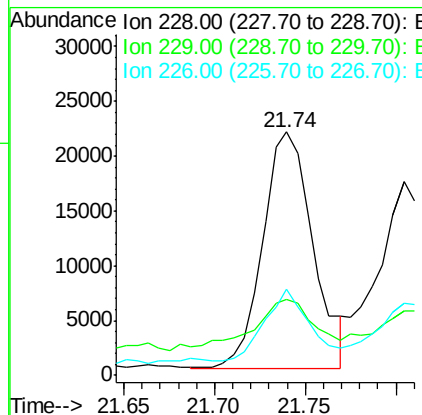
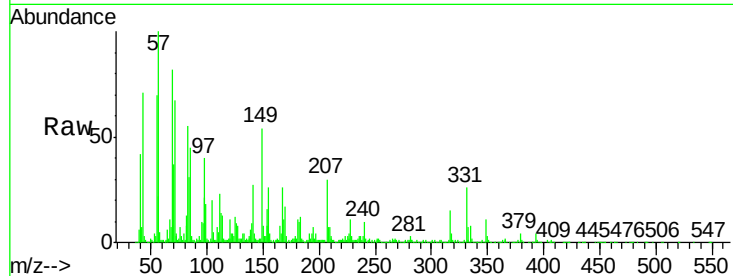
#83
 Benzo(a)anthracene
 Concen: 4.22 ng/ul
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.03 min
 Lab File: BG021406.D
 Acq: 10 Mar 2016 13:37

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P002-SS001-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	31.2	16.6	25.0#
226	35.3	21.0	31.4#

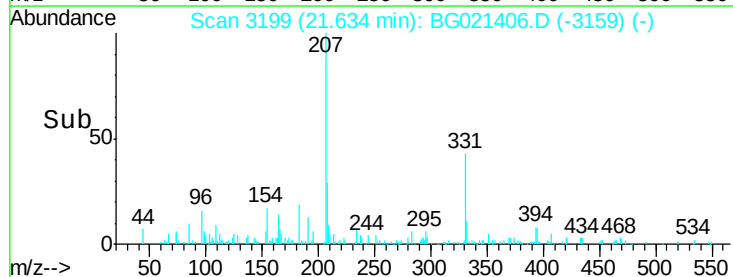
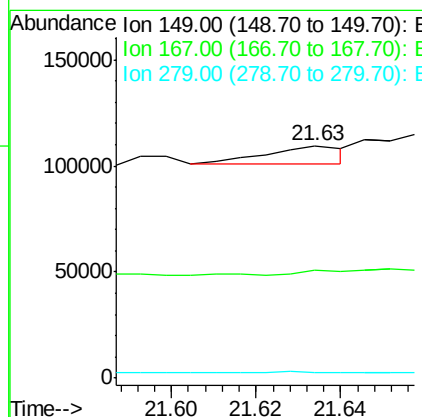
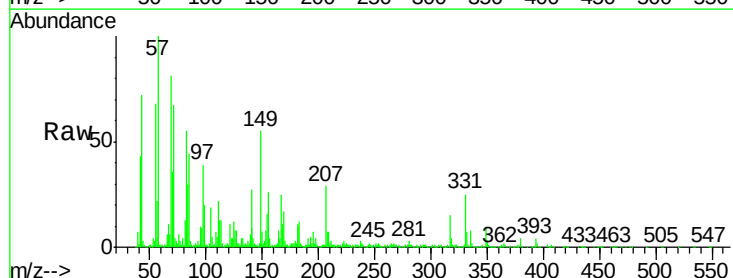
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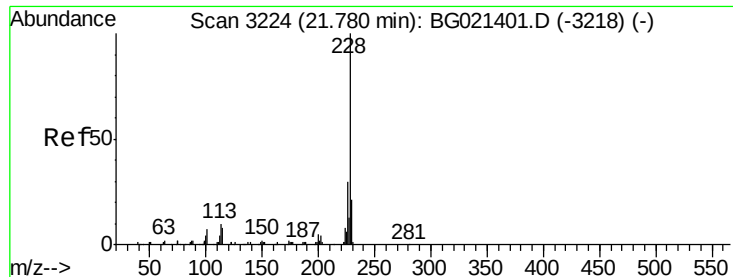
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.51 ng/ul
 RT: 21.63 min Scan# 3199
 Delta R.T. 0.04 min
 Lab File: BG021406.D
 Acq: 10 Mar 2016 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	46.4	20.5	30.7#
279	2.5	3.7	5.5#





#85

Chrysene

Concen: 3.57 ng/ul

RT: 21.80 min Scan# 3228

Delta R.T. 0.02 min

Lab File: BG021406.D

Acq: 10 Mar 2016 13:37

Instrument :

BNA_G

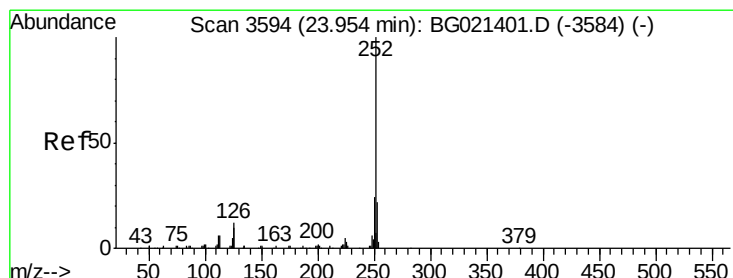
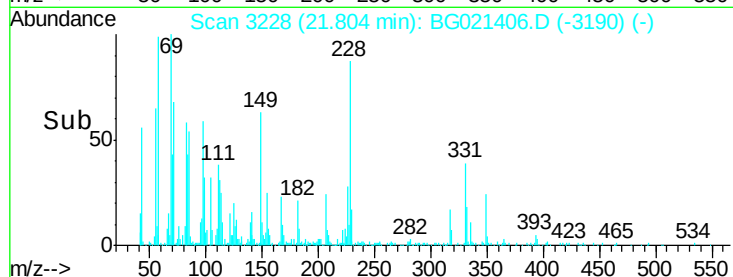
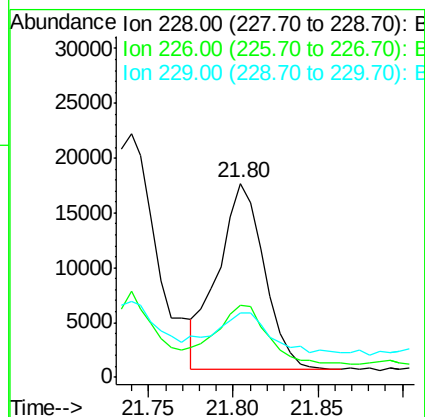
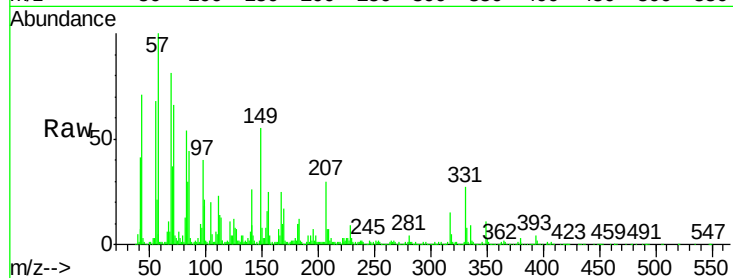
ClientSampleId :

BLDG06-P002-SS001-01

Tgt Ion:	228	Resp:	32511
Ion Ratio	Lower	Upper	
228	100		
226	36.9	23.4	35.2#
229	33.0	16.2	24.2#

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#88

Benzo(b)fluoranthene

Concen: 5.55 ng/ul

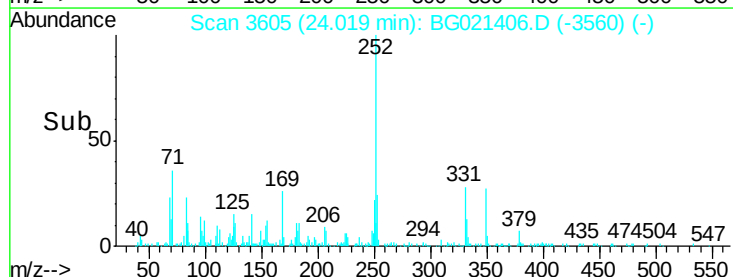
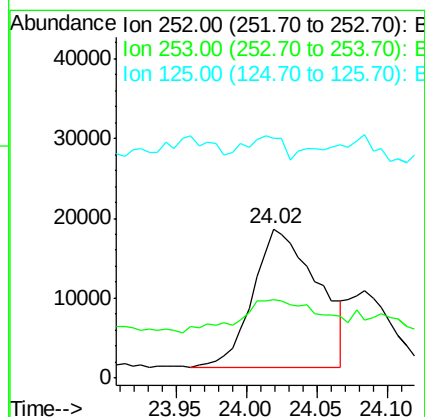
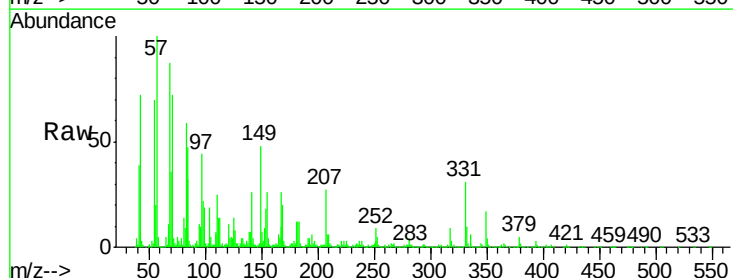
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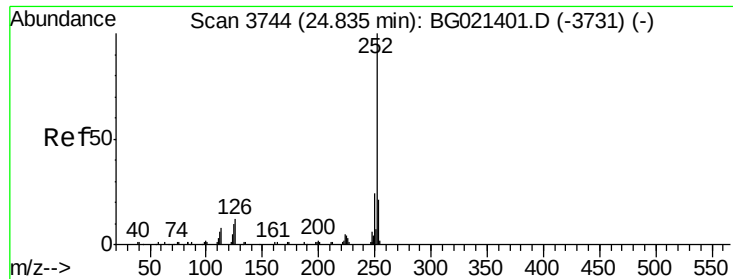
Delta R.T. 0.07 min

Lab File: BG021406.D

Acq: 10 Mar 2016 13:37

Tgt Ion:	252	Resp:	55560
Ion Ratio	Lower	Upper	
252	100		
253	52.7	18.1	27.1#
125	160.5	7.6	11.4#





#91

Benzo(a)pyrene

Concen: 4.48 ng/ul

RT: 24.91 min Scan# 3756

Delta R.T. 0.07 min

Lab File: BG021406.D

Acq: 10 Mar 2016 13:37

Instrument :

BNA_G

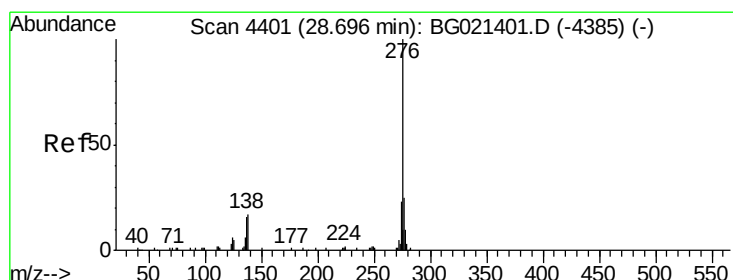
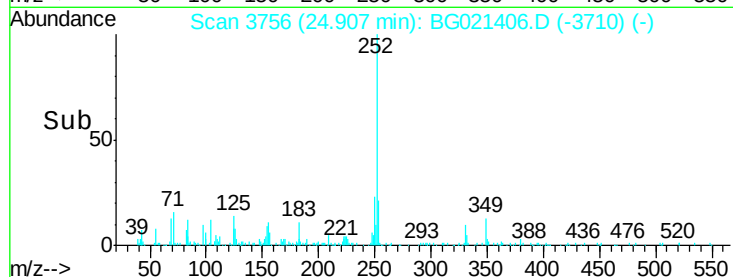
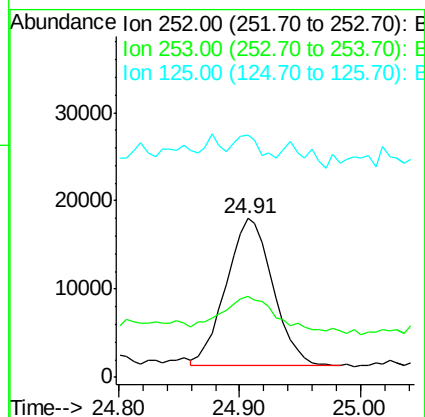
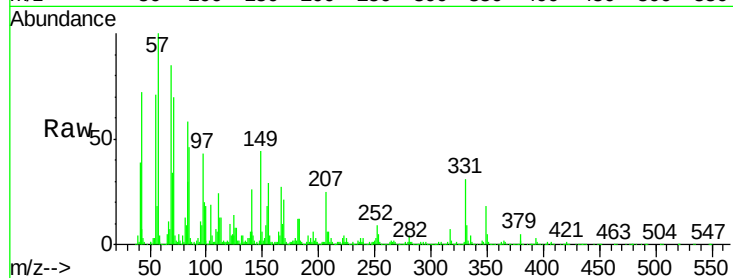
ClientSampleId :

BLDG06-P002-SS001-01

Tgt Ion:	252	Resp:	44080
Ion Ratio	Lower	Upper	
252	100		
253	50.9	17.4	26.0#
125	152.6	8.2	12.2#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.64 ng/ul

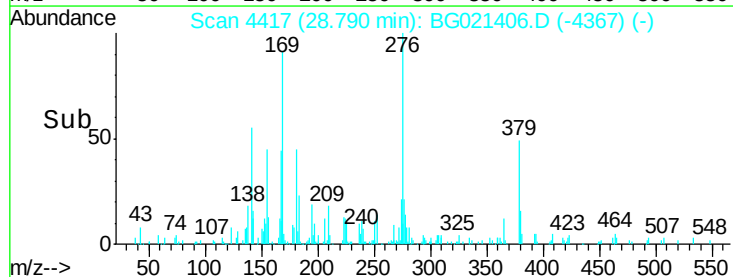
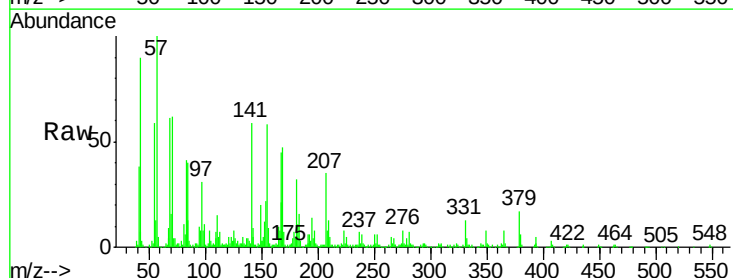
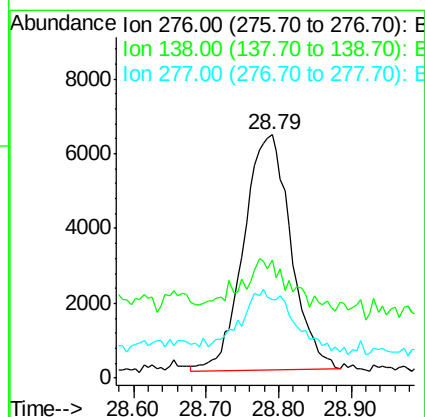
RT: 28.79 min Scan# 4417

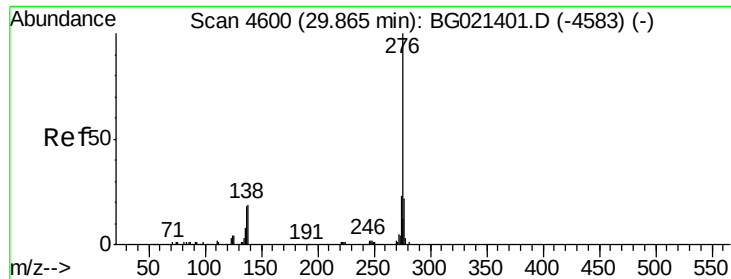
Delta R.T. 0.09 min

Lab File: BG021406.D

Acq: 10 Mar 2016 13:37

Tgt Ion:	276	Resp:	28550
Ion Ratio	Lower	Upper	
276	100		
138	48.4	15.8	23.6#
277	32.2	19.0	28.6#





#94

Benzo(g,h,i)perylene

Concen: 3.00 ng/ul

RT: 29.95 min Scan# 4615

Delta R.T. 0.09 min

Lab File: BG021406.D

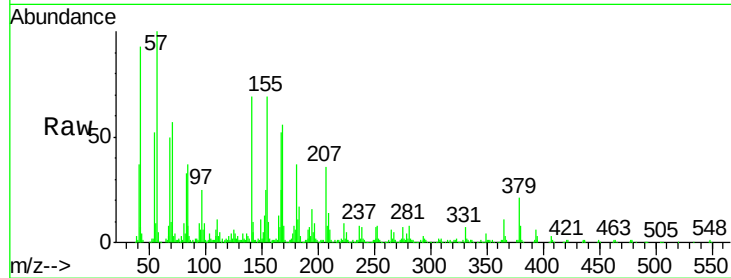
Acq: 10 Mar 2016 13:37

Instrument :

BNA_G

ClientSampleId :

BLDG06-P002-SS001-01



Tgt Ion:	276	Resp:	26688
Ion Ratio	Lower	Upper	
276	100		
138	37.3	13.9	20.9#
277	34.6	19.8	29.6#

Manual Integrations
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