

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021831.D
 Acq On : 11 May 2016 00:42
 Operator : UM/SJ
 Sample : H2937-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X82

Manual Integrations
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Quant Time: May 11 06:48:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	88503	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	449988	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	262207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	523275	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	503791	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	501851	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	5614	3.06	ng/uL	0.00
5) Phenol-d5	7.34	99	118932	18.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	58217	17.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	109597	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	104220	18.89	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	54710	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	56916m	30.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	110463	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	118076m	20.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	351768	19.10	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	482953	18.47	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	53150m	16.84	ng/ul	0.00
58) Fluorene-d10	15.79	176	324373	16.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34832	24.03	ng/ul	0.00
71) Anthracene-d10	17.65	188	453454	17.80	ng/ul	0.00
77) Pyrene-d10	19.92	212	475477	20.16	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	442979	18.58	ng/ul	0.01

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	48697	2.60	ng/ul#	98
70) Phenanthrene	17.59	178	46466	1.62	ng/ul	97
75) Fluoranthene	19.59	202	101039	3.11	ng/ul#	93
78) Pyrene	19.95	202	86013	2.95	ng/ul	95
79) Butylbenzylphthalate	20.82	149	51037	7.92	ng/ul#	77
81) Benzo(a)anthracene	21.81	228	54024	1.93	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	65760	6.25	ng/ul	100
83) Chrysene	21.87	228	53248	1.92	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	89395	3.11	ng/ul#	93
87) Benzo(k)fluoranthene	24.16	252	31968m	1.04	ng/ul	
89) Benzo(a)pyrene	25.00	252	55402	1.94	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	28.99	276	45370m	1.34	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	40448m	1.45	ng/ul	

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

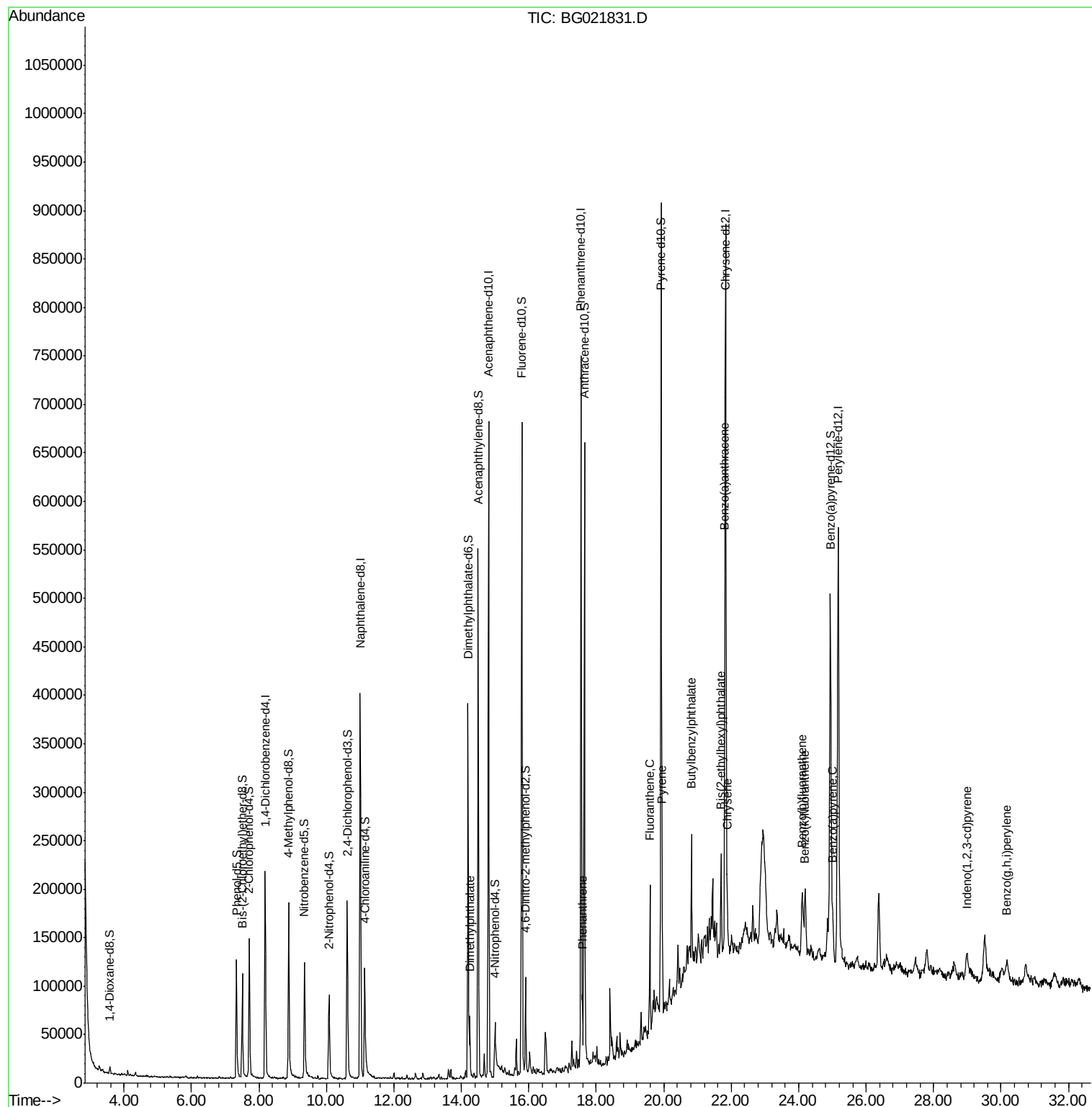
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021831.D
Acq On : 11 May 2016 00:42
Operator : UM/SJ
Sample : H2937-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

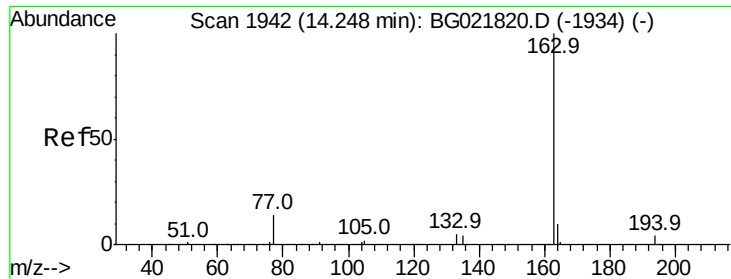
Instrument :
BNA_G
ClientSampled :
D9X82

Manual Integrations
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Quant Time: May 11 06:48:27 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





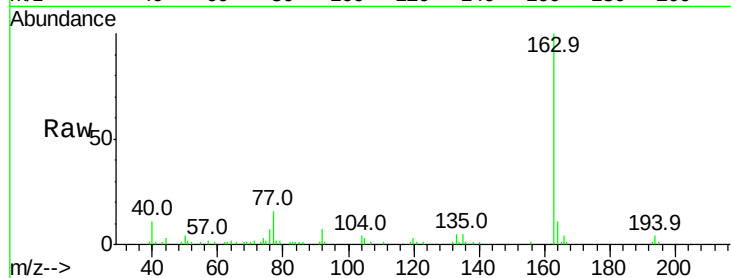
#45
Dimethylphthalate
Concen: 2.60 ng/ul
RT: 14.25 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Instrument :
BNA_G
ClientSampleId :
D9X82

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.9	5.9#
164	10.6	8.7	13.1

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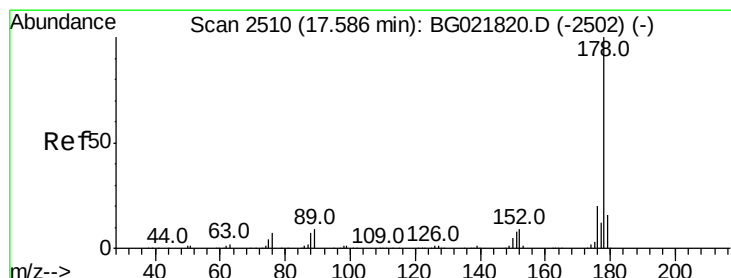
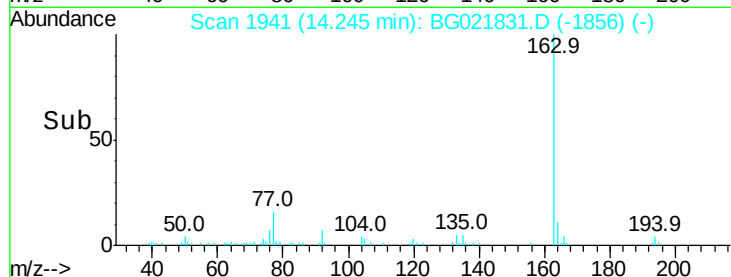
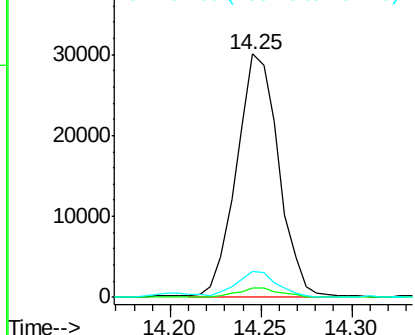


Abundance

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



#70
Phenanthrene
Concen: 1.62 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

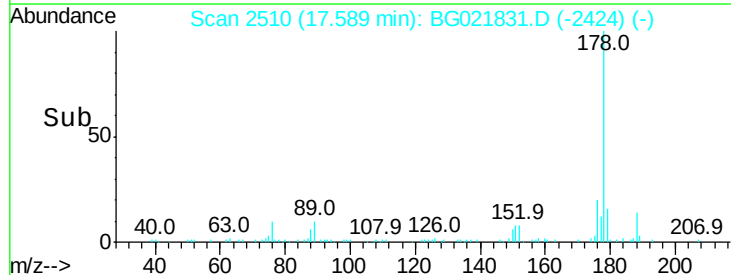
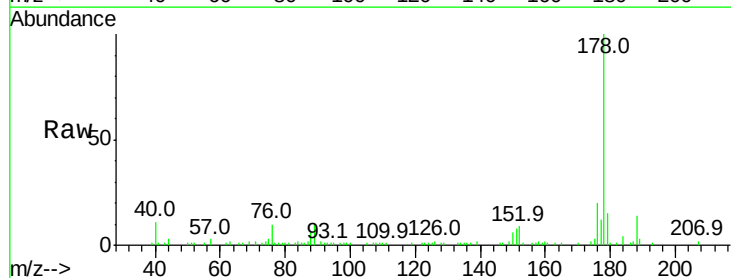
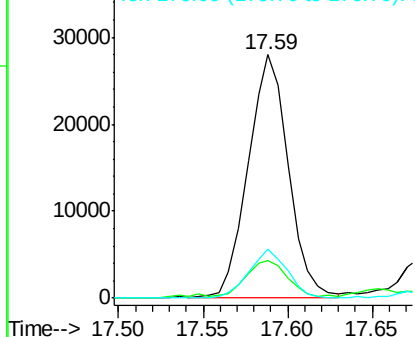
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	20.3	14.8	22.2

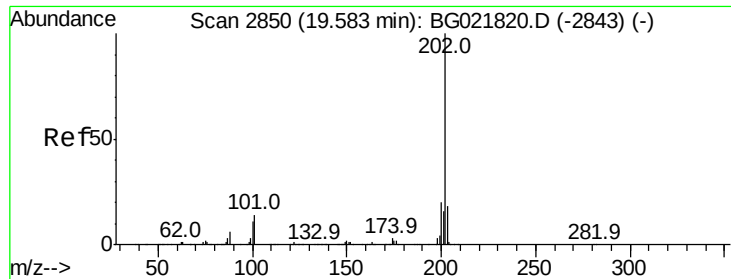
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Fluoranthene

Concen: 3.11 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Instrument :

BNA_G

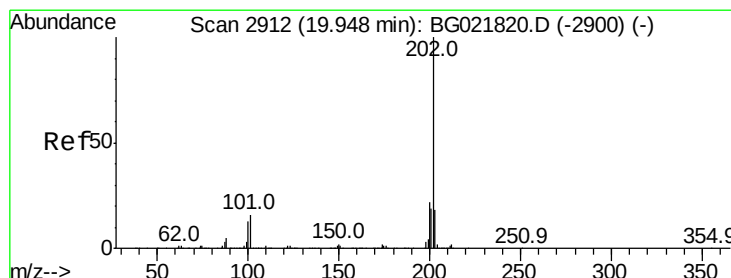
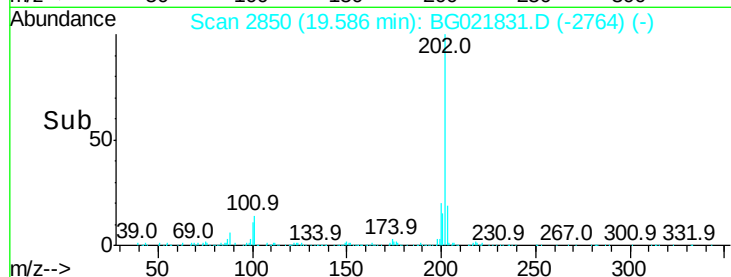
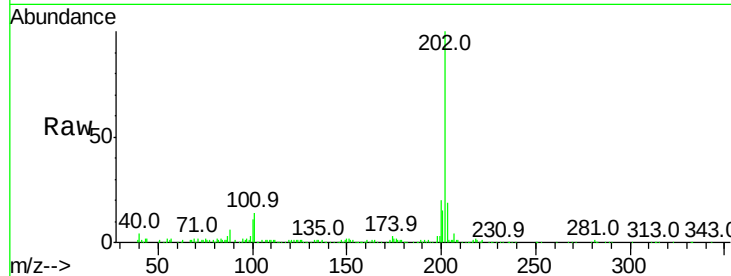
ClientSampleId :

D9X82

Tot Ion:	202	Resp:	101039
Ion Ratio	Lower	Upper	
202	100		
101	13.8	8.9	13.3#
100	11.4	7.0	10.4#

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#78

Pyrene

Concen: 2.95 ng/ul

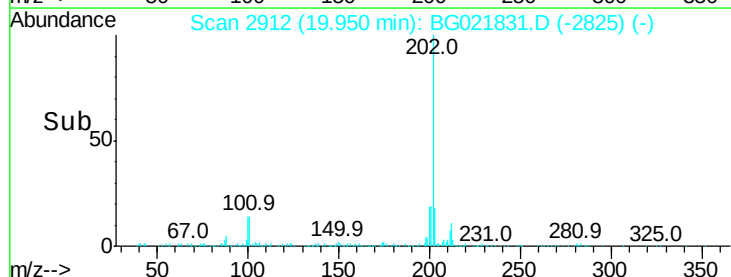
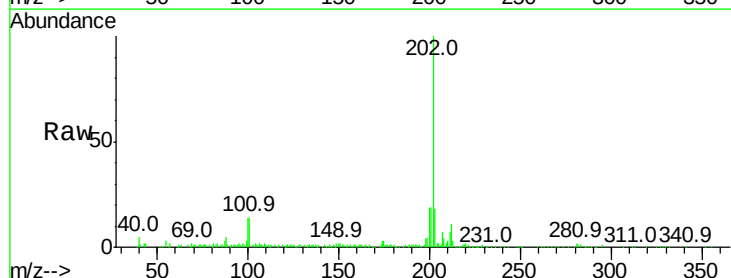
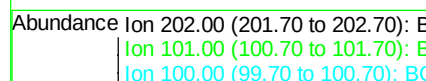
RT: 19.95 min Scan# 2912

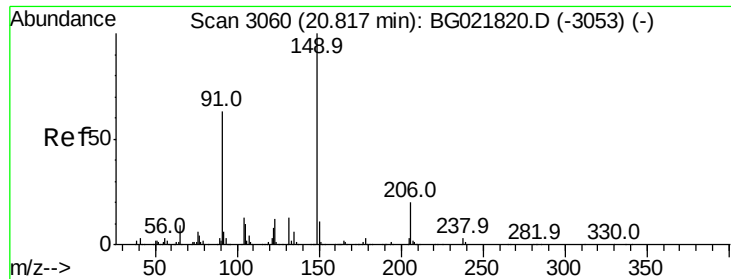
Delta R.T. 0.01 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Tgt Ion:	202	Resp:	86013
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.8	14.8
100	13.6	9.3	13.9





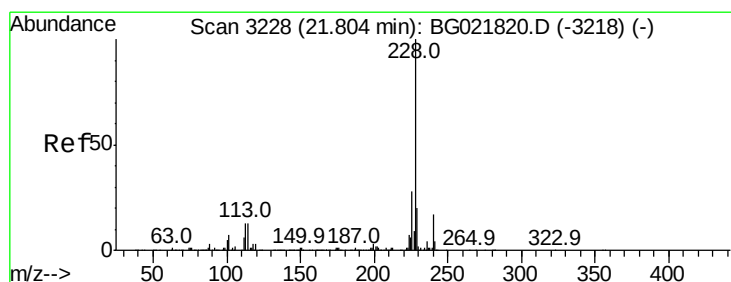
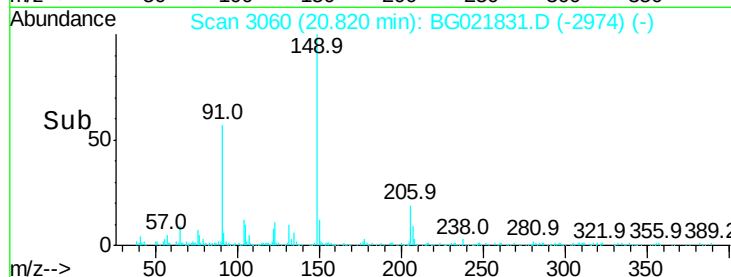
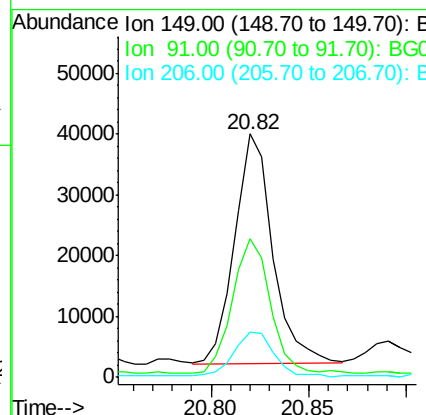
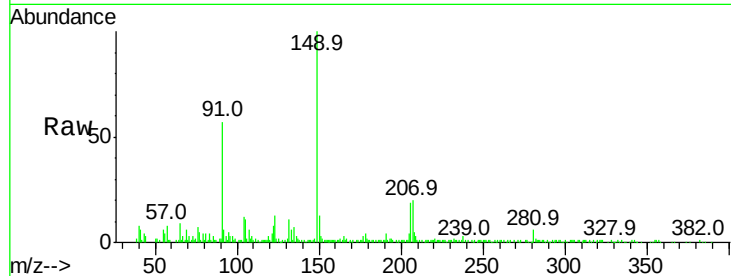
#79
Butylbenzylphthalate
Concen: 7.92 ng/ul
RT: 20.82 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Instrument :
BNA_G
ClientSampled :
D9X82

Tot Ion	Ratio	Lower	Upper
149	100		
91	57.1	65.8	98.8#
206	18.8	15.5	23.3

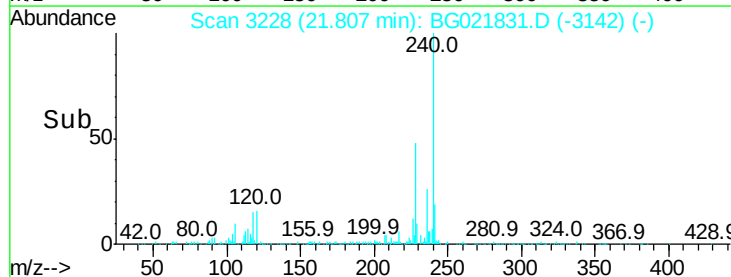
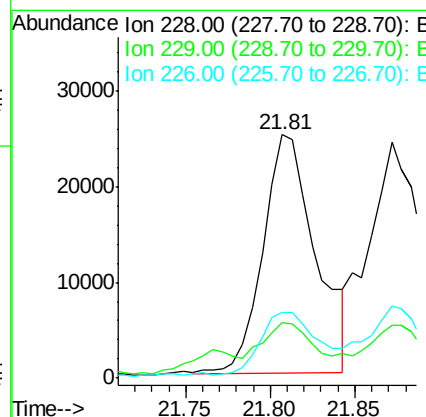
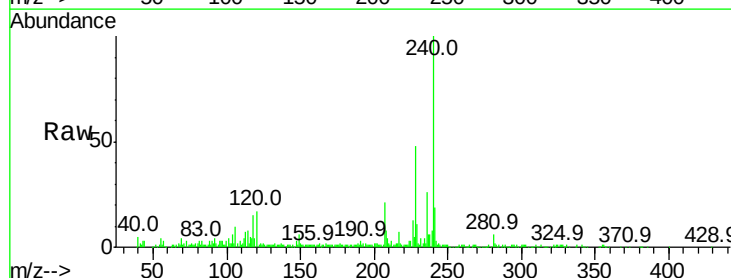
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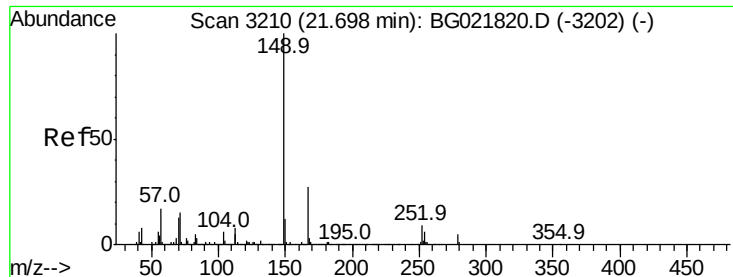
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#81
Benzo(a)anthracene
Concen: 1.93 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.6	25.0
226	27.1	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 6.25 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Instrument :

BNA_G

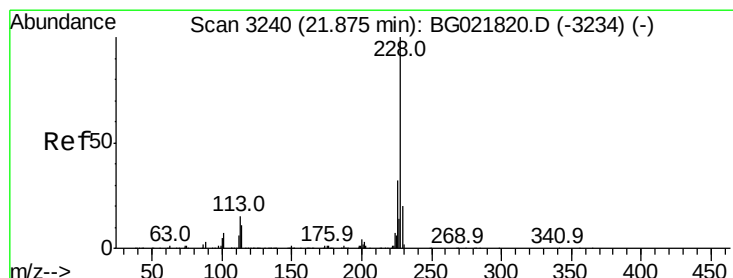
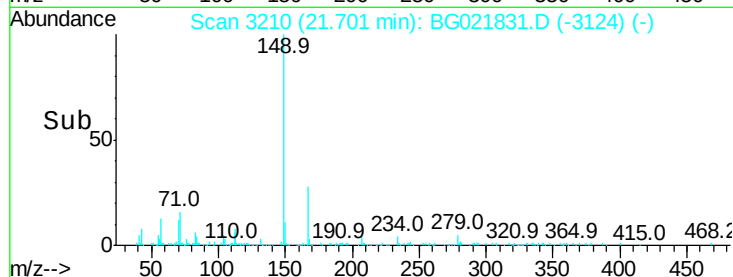
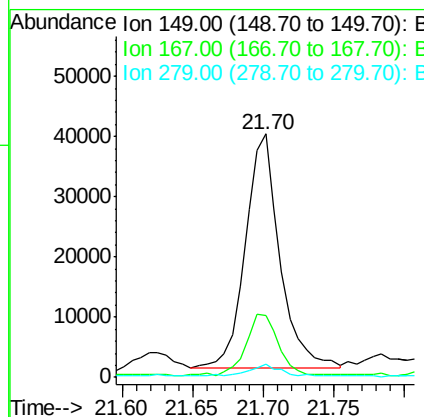
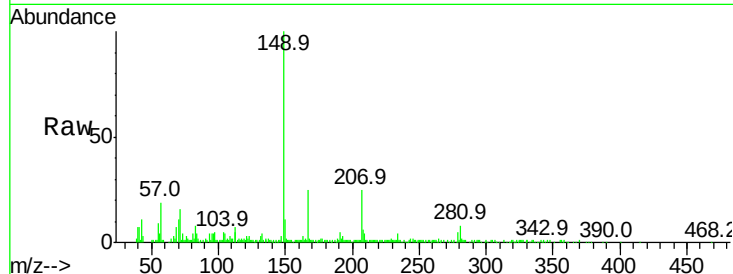
ClientSampled :

D9X82

Tot Ion:	149	Resp:	65760
Ion Ratio	Lower	Upper	
149	100		
167	25.5	20.5	30.7
279	5.2	3.7	5.5

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#83

Chrysene

Concen: 1.92 ng/ul

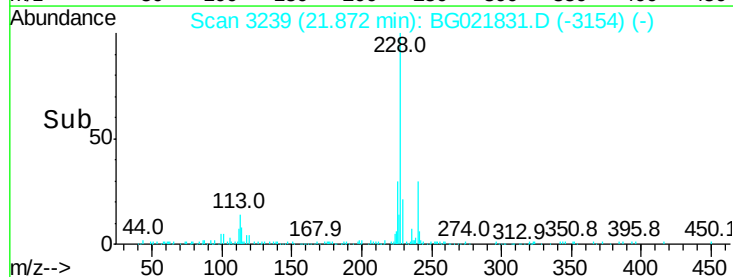
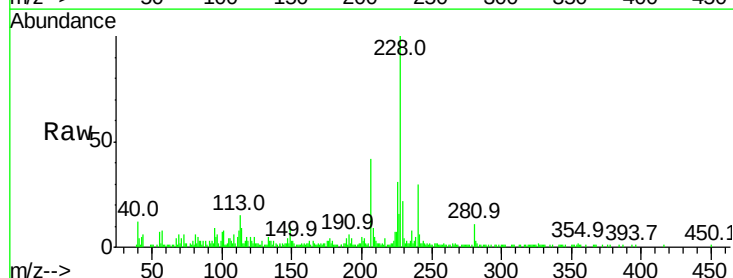
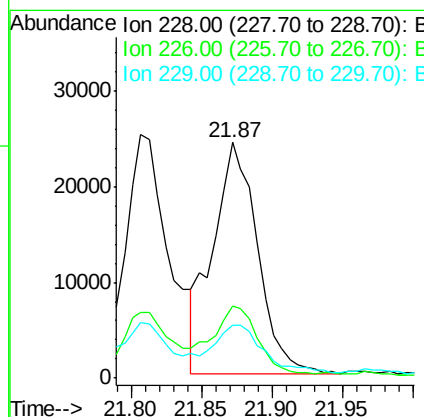
RT: 21.87 min Scan# 3239

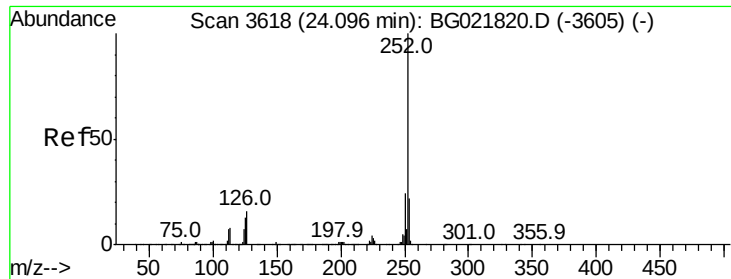
Delta R.T. -0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Tgt Ion:	228	Resp:	53248
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.2
229	22.3	16.2	24.2





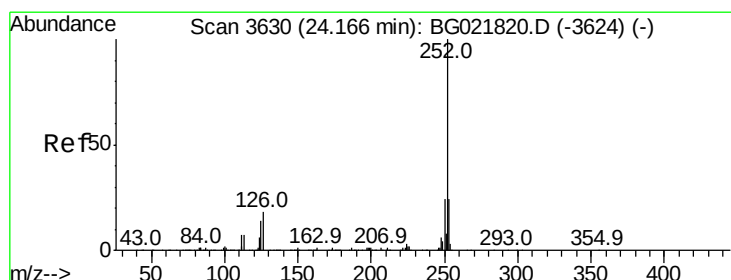
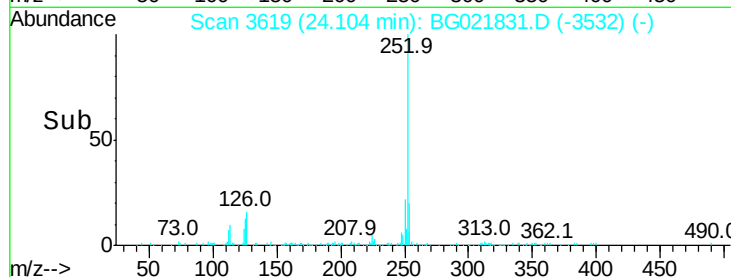
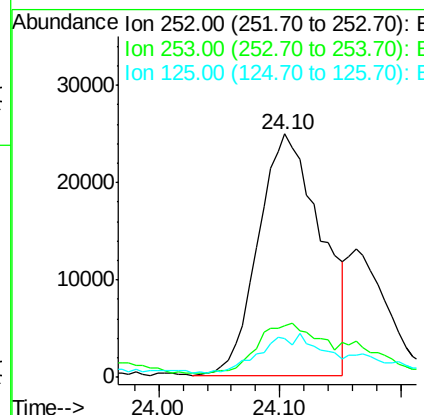
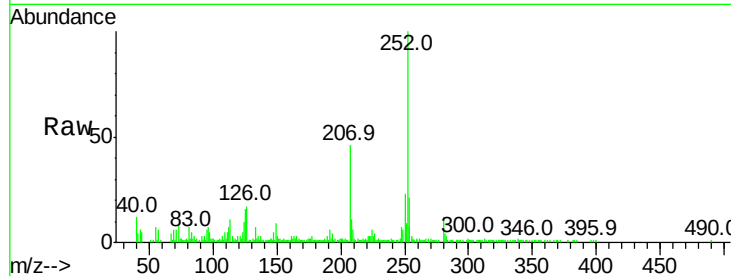
#86
Benzo(b)fluoranthene
Concen: 3.11 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Instrument :
BNA_G
ClientSampleId :
D9X82

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	16.1	7.6	11.4

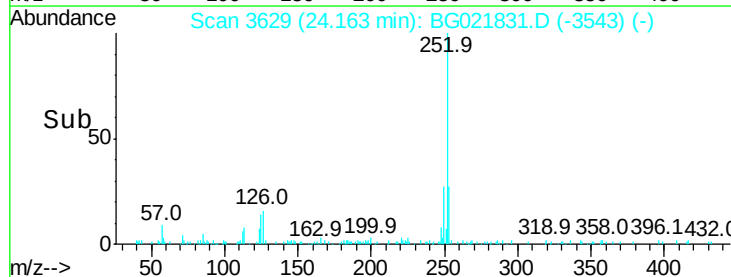
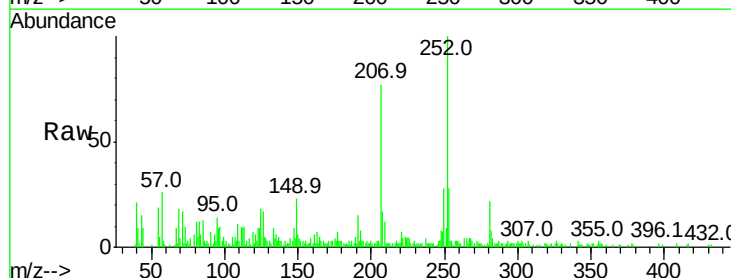
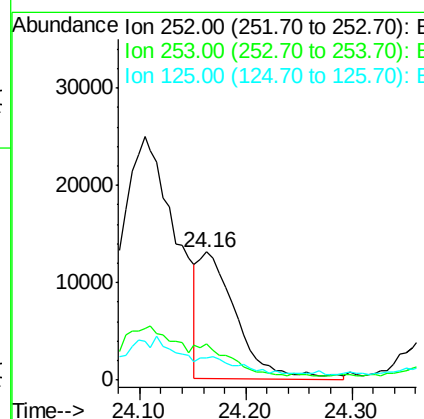
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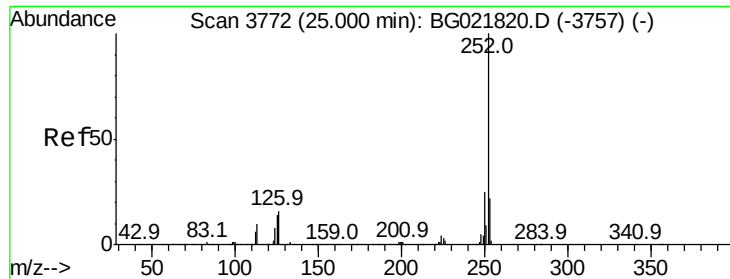
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#87
Benzo(k)fluoranthene
Concen: 1.04 ng/ul m
RT: 24.16 min Scan# 3629
Delta R.T. 0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8
125	17.6	7.7	11.5





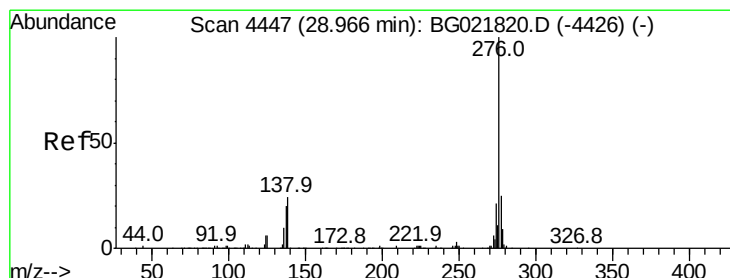
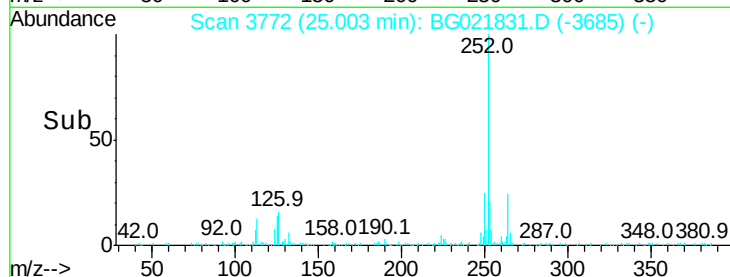
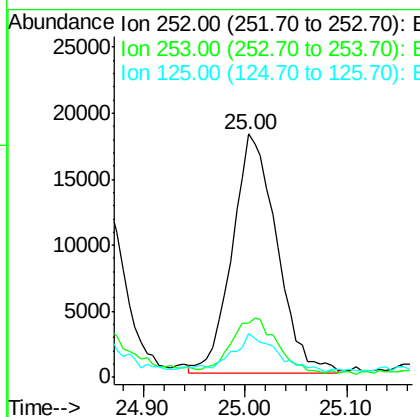
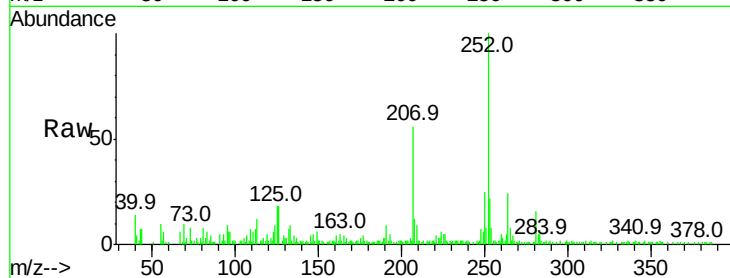
#89
Benzo(a)pyrene
Concen: 1.94 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Instrument :
BNA_G
ClientSampleId :
D9X82

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	17.8	8.2	12.2

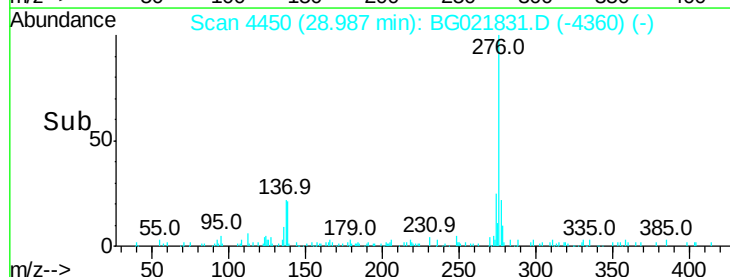
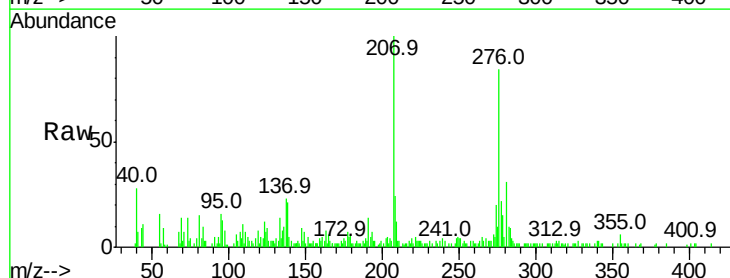
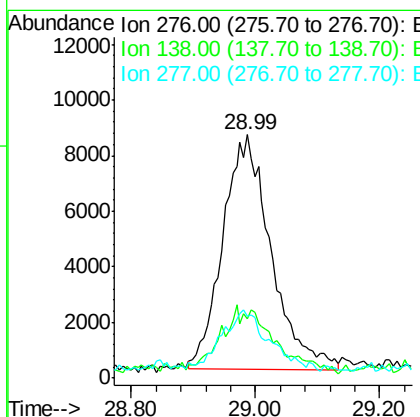
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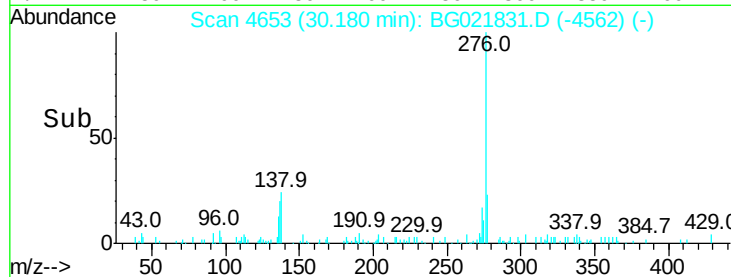
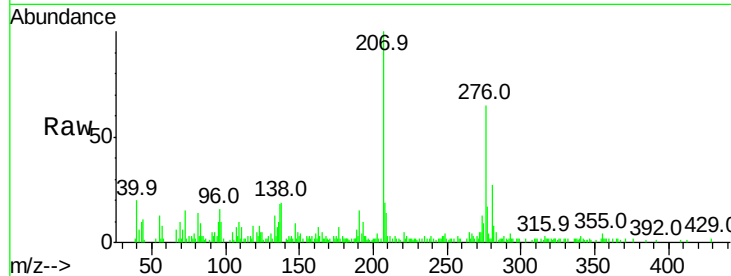
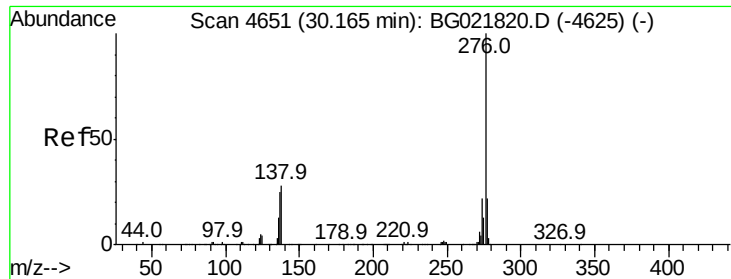
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#90
Indeno(1,2,3-cd)pyrene
Concen: 1.34 ng/ul m
RT: 28.99 min Scan# 4450
Delta R.T. 0.03 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	15.8	23.6
277	25.7	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 1.45 ng/ul m

RT: 30.18 min Scan# 4653

Delta R.T. 0.03 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Tot Ion:	276	Resp:	40448
Ion Ratio	Lower	Upper	
276	100		
138	28.8	13.9	20.9#
277	26.4	19.8	29.6

Instrument :

BNA_G

ClientSampleId :

D9X82

Manual Integrations
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