

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021411.D
 Acq On : 10 Mar 2016 16:55
 Operator : UM/SJ
 Sample : H1616-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P009-SS003-01

Manual Integrations
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 3/11/2016 5:27:47 PM

Quant Time: Mar 11 12:16:02 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	8.12	152	12524	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	66904	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	41157	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	89878	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	99629	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	94866	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	945	3.54	ng/uL	0.00
5) Phenol-d5	7.31	99	24948	17.60	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16547	18.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17933	18.53	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	18404	16.06	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	10168	18.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11366	19.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	20380	18.95	ng/ul	0.03
29) 4-Chloroaniline-d4	11.07	131	17766	12.59	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	69844	19.61	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	88032	20.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	8729	12.96	ng/ul	0.08
58) Fluorene-d10	15.72	176	62116	19.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	10168	16.91	ng/ul	0.00
71) Anthracene-d10	17.57	188	89848	20.02	ng/ul	0.00
79) Pyrene-d10	19.85	212	102495	20.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	103917	20.49	ng/ul	0.02

Target Compounds

					Qvalue
28) Naphthalene	10.98	128	10736	2.86 ng/ul	98
45) Dimethylphthalate	14.18	163	26341	6.92 ng/ul	97
70) Phenanthrene	17.51	178	12386	2.32 ng/ul	96
77) Fluoranthene	19.51	202	23527	3.81 ng/ul	98
80) Pyrene	19.88	202	26193	3.93 ng/ul	99
81) Butylbenzylphthalate	20.75	149	3538	1.16 ng/ul	88
83) Benzo(a)anthracene	21.72	228	17411	2.68 ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.60	149	24933	5.47 ng/ul#	91
85) Chrysene	21.79	228	17345	2.88 ng/ul	91
87) Di-n-octyl phthalate	22.83	149	9424	1.20 ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	20339	3.13 ng/ul#	85
89) Benzo(k)fluoranthene	24.03	252	9436	1.49 ng/ul#	81
91) Benzo(a)pyrene	24.86	252	19167	3.01 ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	28.73	276	14643	2.09 ng/ul	97
94) Benzo(g,h,i)perylene	29.89	276	16035m	2.78 ng/ul	

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

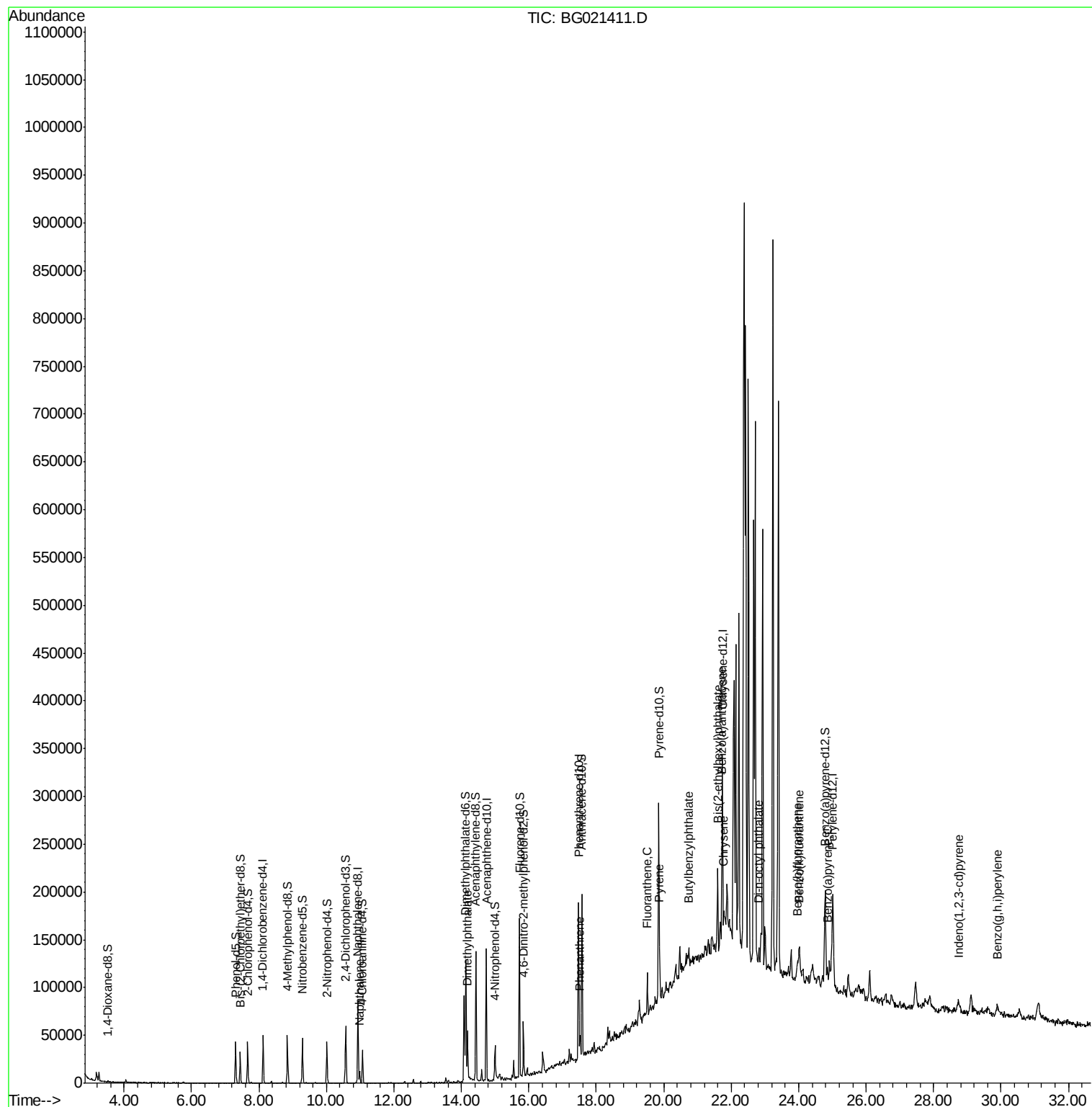
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021411.D
Acq On : 10 Mar 2016 16:55
Operator : UM/SJ
Sample : H1616-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

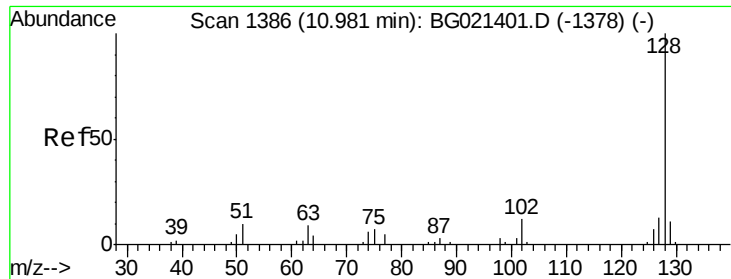
Instrument :
BNA_G
ClientSampleId :
P009-SS003-01

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Quant Time: Mar 11 12:16:02 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





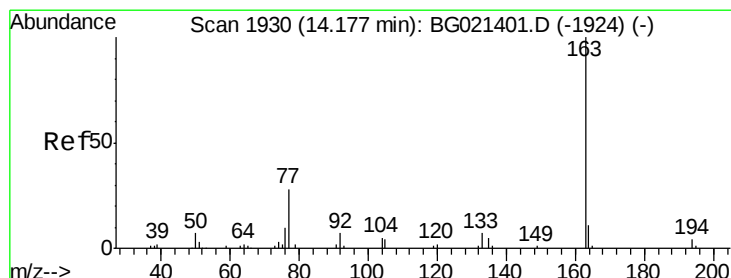
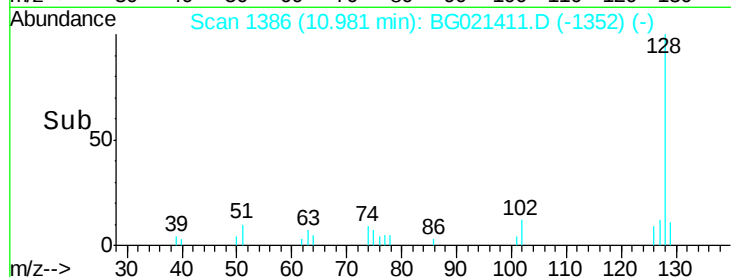
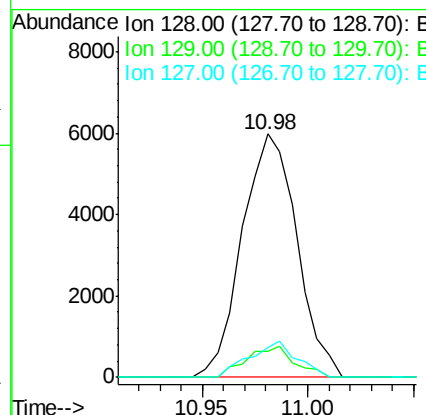
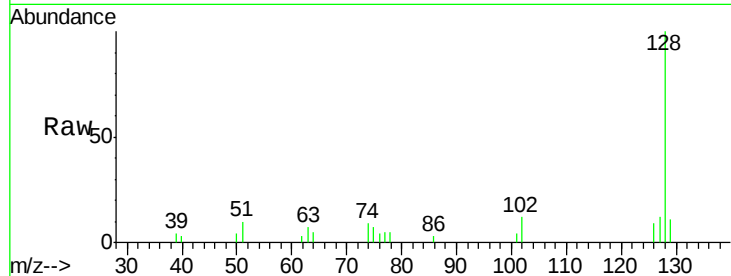
#28
Naphthalene
Concen: 2.86 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG021411.D
Acq: 10 Mar 2016 16:55

Instrument :
BNA_G
ClientSampleId :
P009-SS003-01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	12.5	10.8	16.2

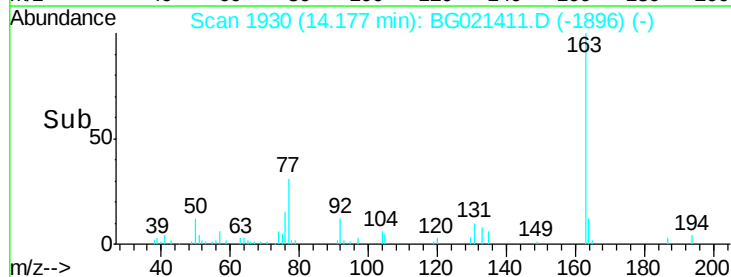
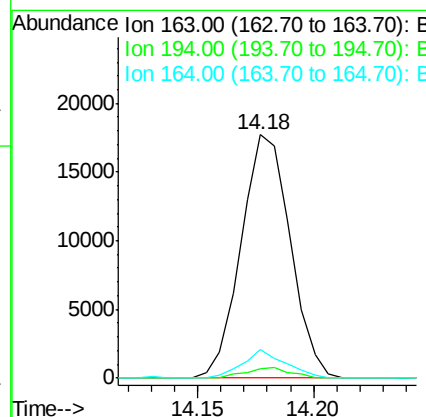
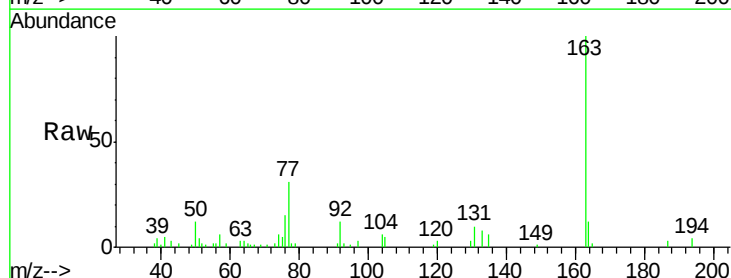
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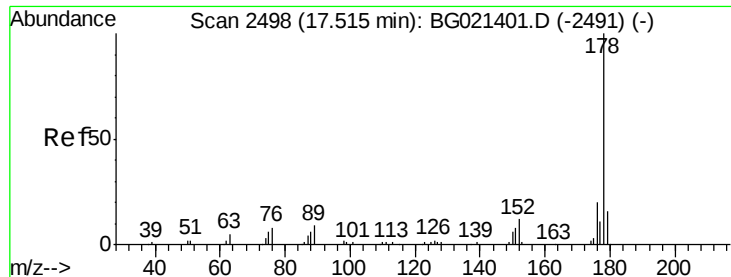
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#45
Dimethylphthalate
Concen: 6.92 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021411.D
Acq: 10 Mar 2016 16:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.9	5.9
164	11.9	8.7	13.1





#70

Phenanthrene

Concen: 2.32 ng/ul

RT: 17.51 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG021411.D

Acq: 10 Mar 2016 16:55

Instrument :

BNA_G

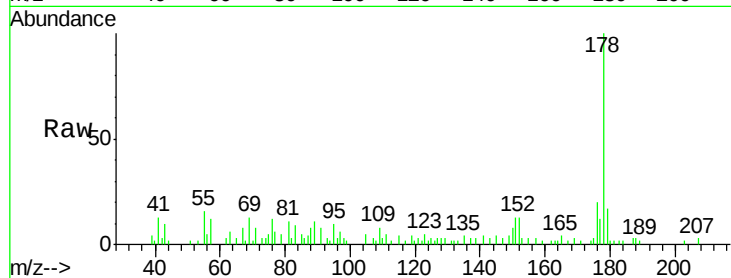
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P009-SS003-01

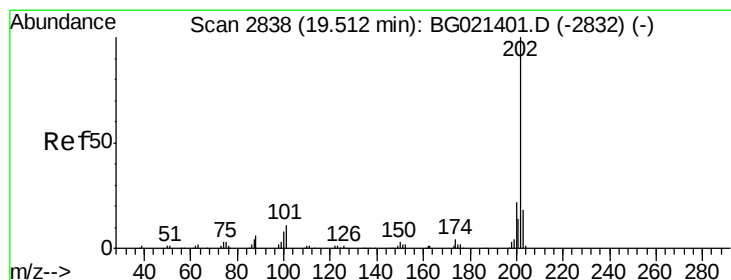
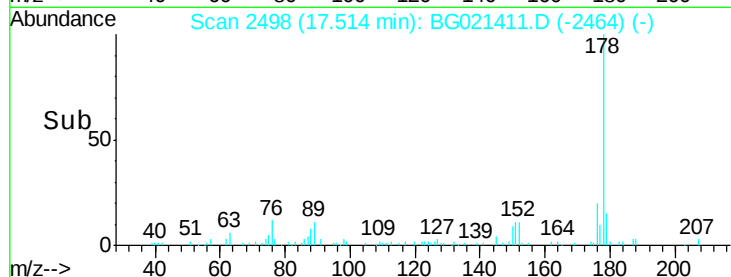
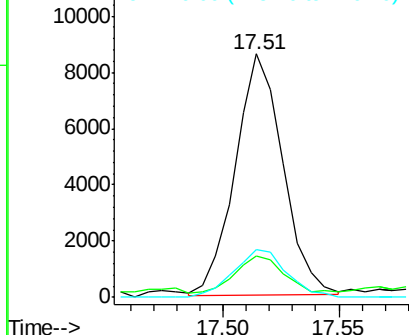
Tgt Ion:	178	Resp:	12386
Ion Ratio	Lower	Upper	
178	100		
179	16.9	11.8	17.8
176	19.5	14.8	22.2

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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



#77

Fluoranthene

Concen: 3.81 ng/ul

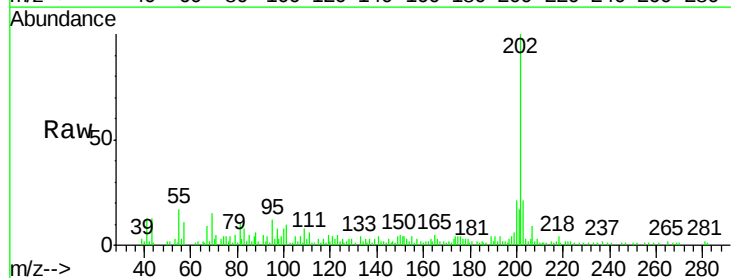
RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

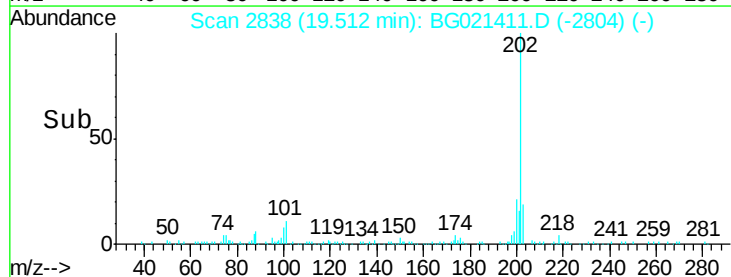
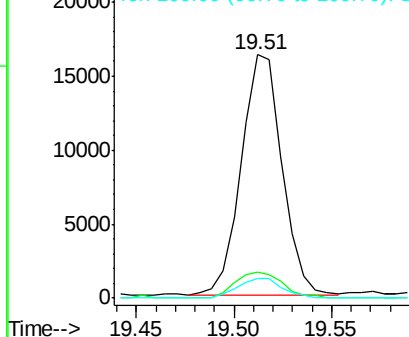
Lab File: BG021411.D

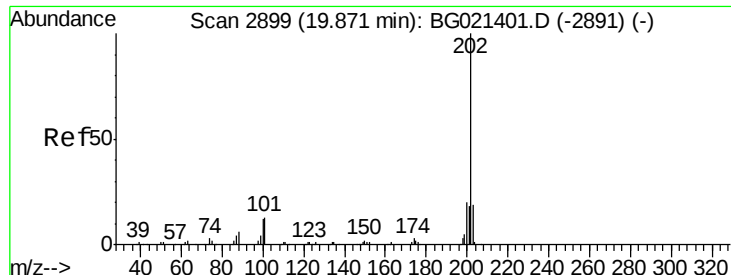
Acq: 10 Mar 2016 16:55

Tgt Ion:	202	Resp:	23527
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.9	13.3
100	8.1	7.0	10.4



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





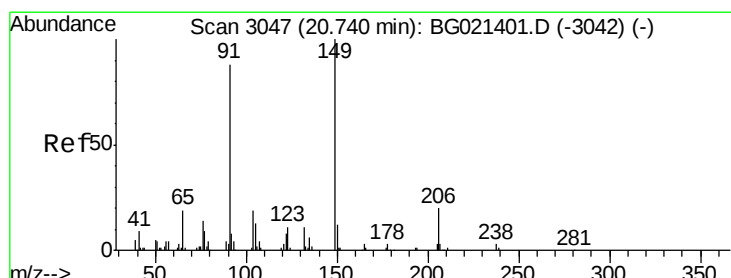
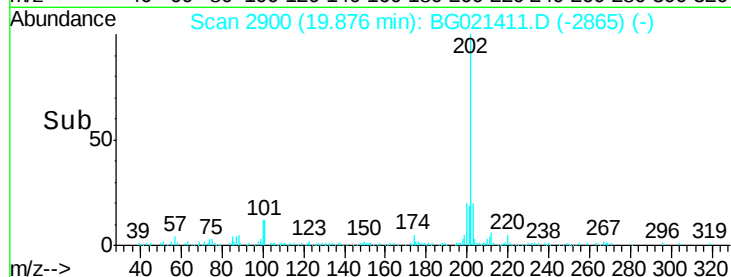
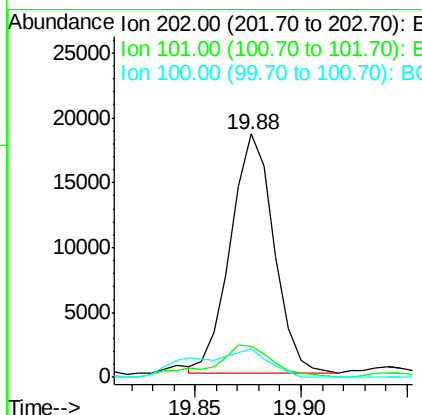
#80
Pyrene
Concen: 3.93 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BG021411.D
Acq: 10 Mar 2016 16:55

Instrument :
BNA_G
ClientSampleId :
P009-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	26193		
101	13.0	9.8	14.8	
100	11.5	9.3	13.9	

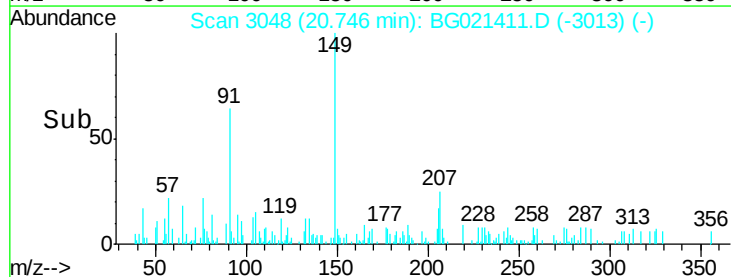
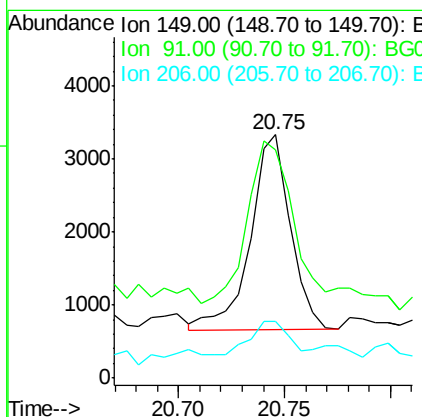
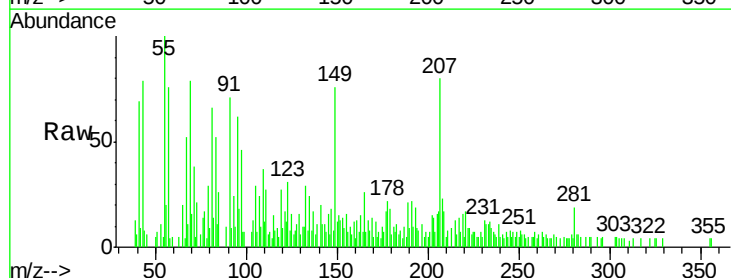
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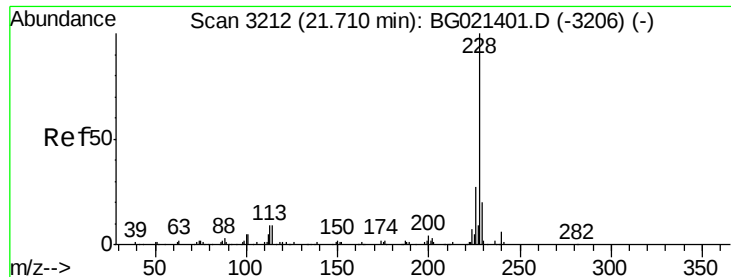
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#81
Butylbenzylphthalate
Concen: 1.16 ng/ul
RT: 20.75 min Scan# 3048
Delta R.T. 0.01 min
Lab File: BG021411.D
Acq: 10 Mar 2016 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3538		
91	93.9	65.8	98.8	
206	23.0	15.5	23.3	





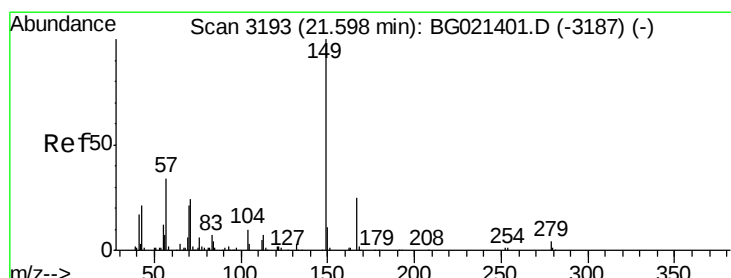
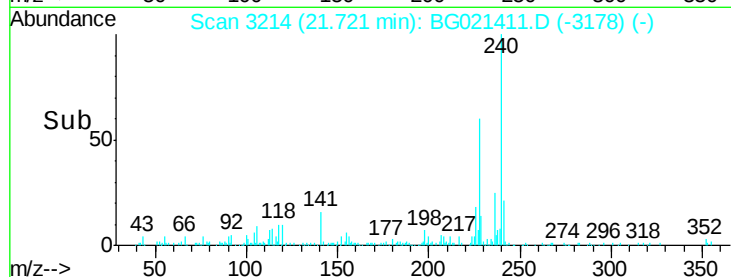
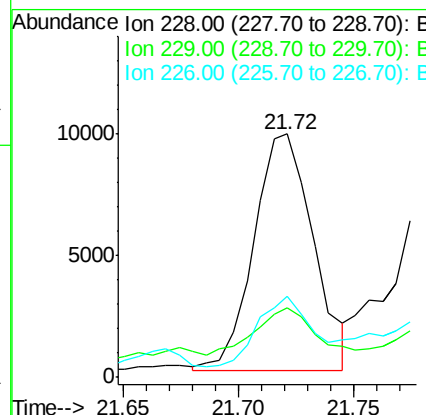
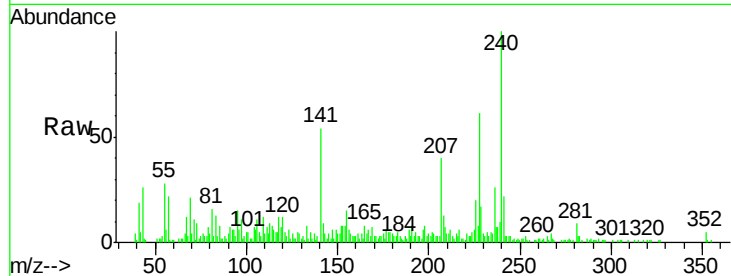
#83
 Benzo(a)anthracene
 Concen: 2.68 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BG021411.D
 Acq: 10 Mar 2016 16:55

Instrument :
 BNA_G
 ClientSampled :
 P009-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	17411		
229	28.5	16.6	25.0#	
226	33.3	21.0	31.4#	

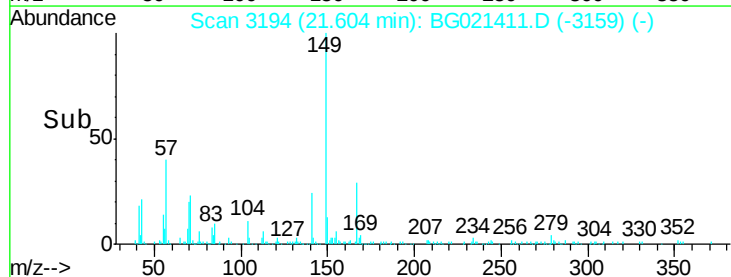
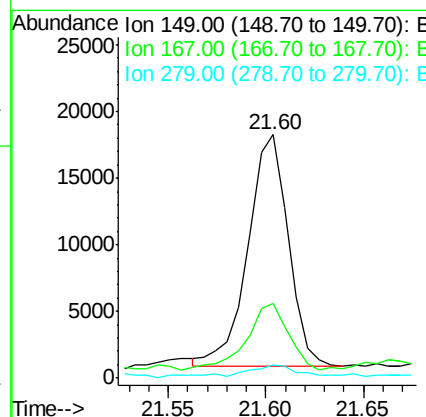
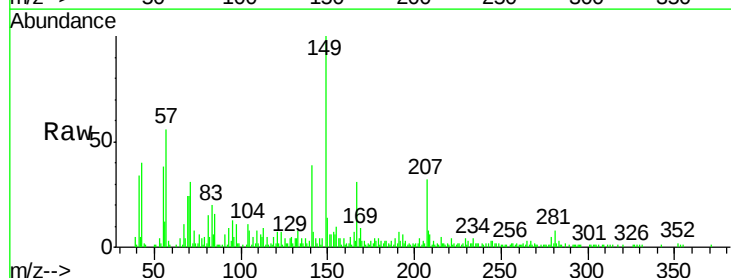
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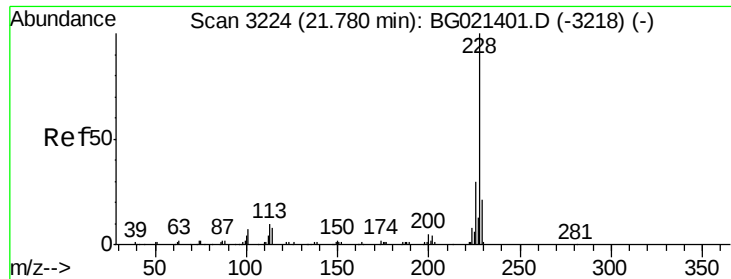
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.47 ng/ul
 RT: 21.60 min Scan# 3194
 Delta R.T. 0.01 min
 Lab File: BG021411.D
 Acq: 10 Mar 2016 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	24933		
167	30.9	20.5	30.7#	
279	5.3	3.7	5.5	





#85

Chrysene

Concen: 2.88 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BG021411.D

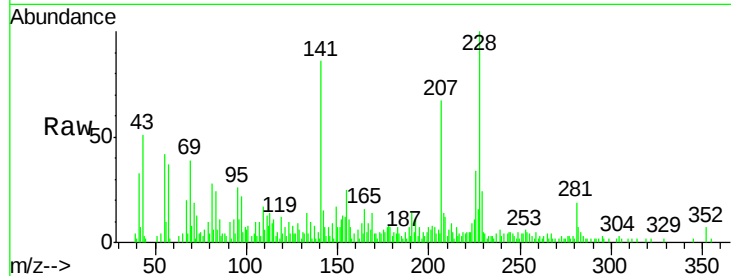
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Instrument :

BNA_G

ClientSampleId :

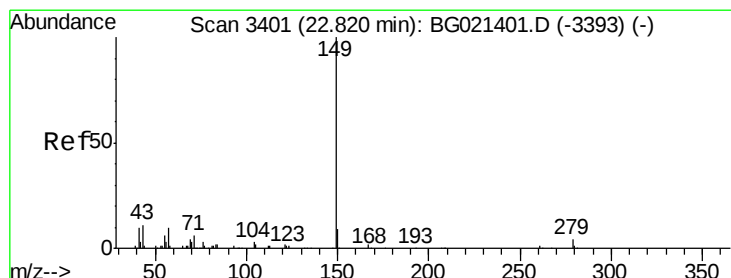
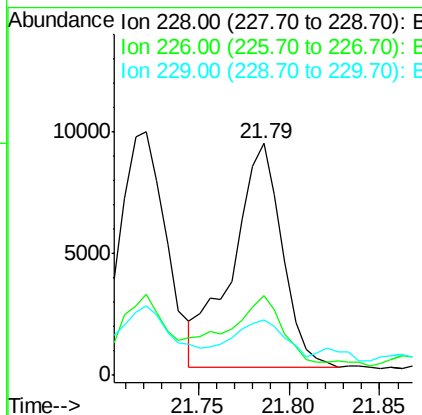
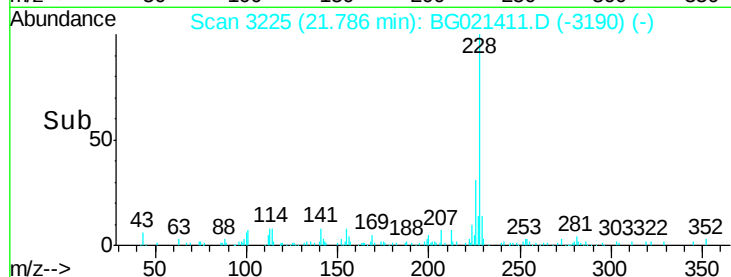
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.2
229	24.1	16.2	24.2

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#87

Di-n-octyl phthalate

Concen: 1.20 ng/ul

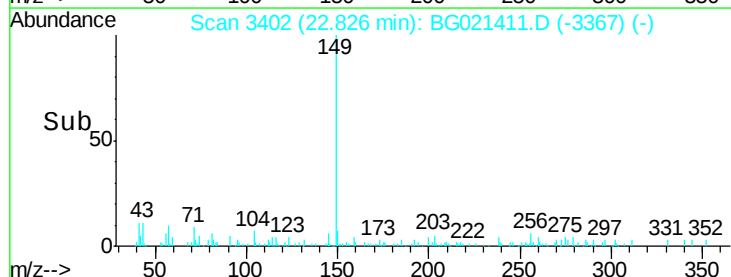
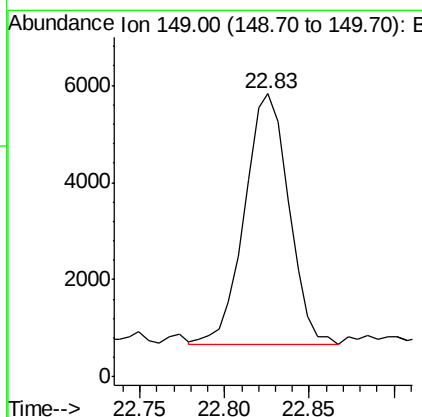
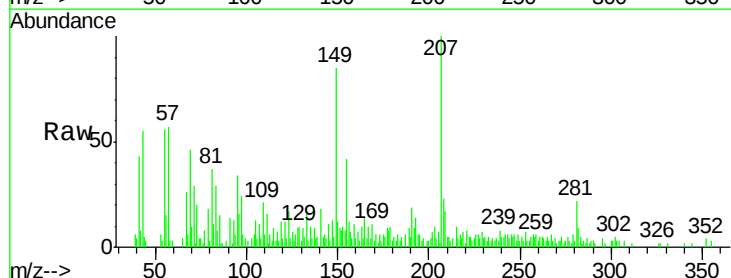
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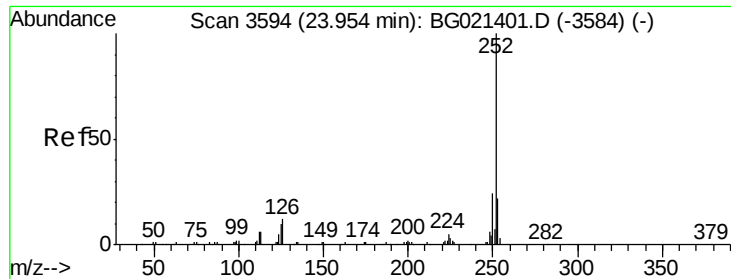
Delta R.T. 0.01 min

Lab File: BG021411.D

Acq: 10 Mar 2016 16:55

Tgt Ion:149 Resp: 9424





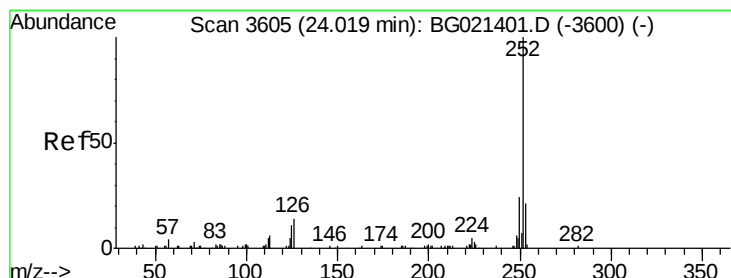
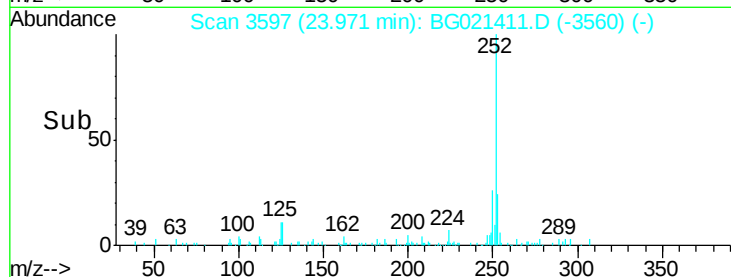
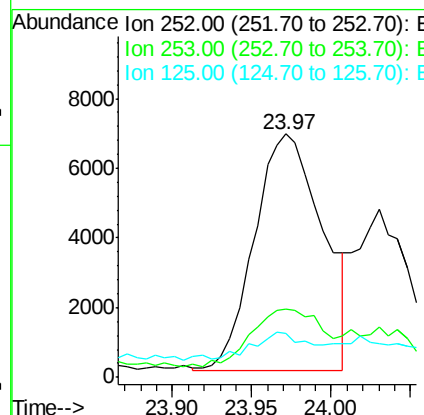
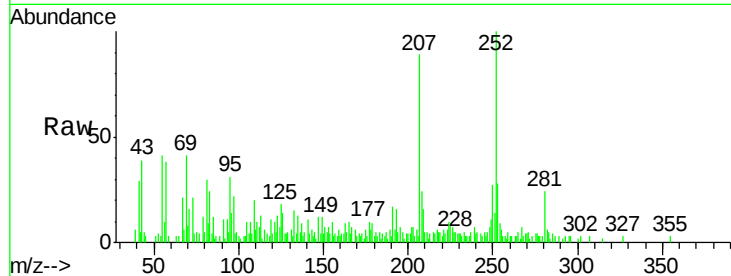
#88
Benzo(b)fluoranthene
Concen: 3.13 ng/ul
RT: 23.97 min Scan# 3597
Delta R.T. 0.02 min
Lab File: BG021411.D
Acq: 10 Mar 2016 16:55

Instrument :
BNA_G
ClientSampleId :
P009-SS003-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	18.2	7.6	11.4#

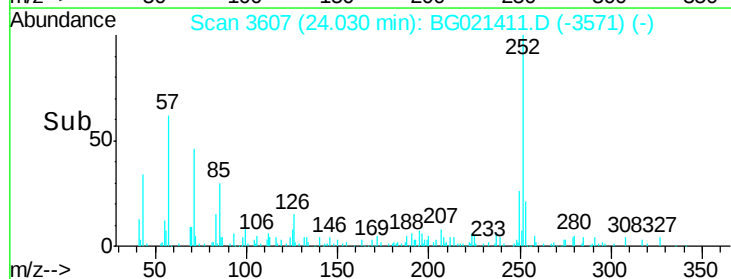
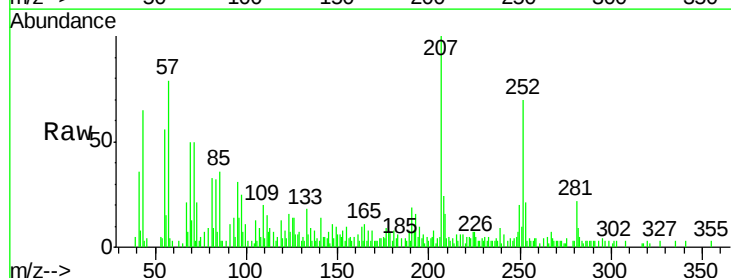
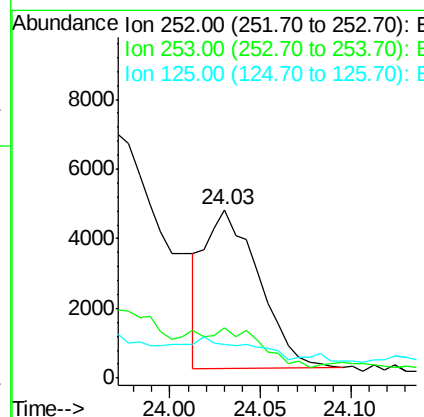
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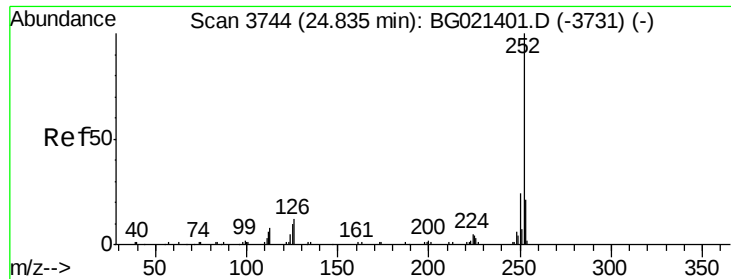
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#89
Benzo(k)fluoranthene
Concen: 1.49 ng/ul
RT: 24.03 min Scan# 3607
Delta R.T. 0.01 min
Lab File: BG021411.D
Acq: 10 Mar 2016 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.8	26.8#
125	19.9	7.7	11.5#





#91

Benzo(a)pyrene

Concen: 3.01 ng/ul

RT: 24.86 min Scan# 3748

Delta R.T. 0.02 min

Lab File: BG021411.D

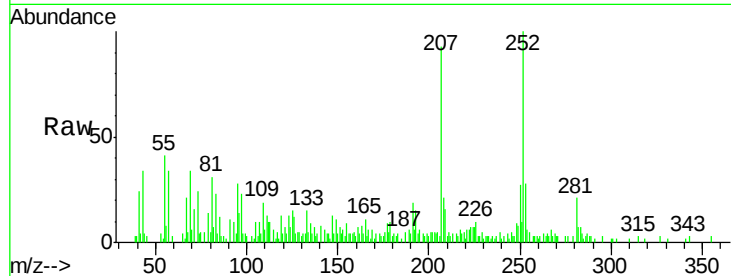
Acq: 10 Mar 2016 16:55

Instrument :

BNA_G

ClientSampleId :

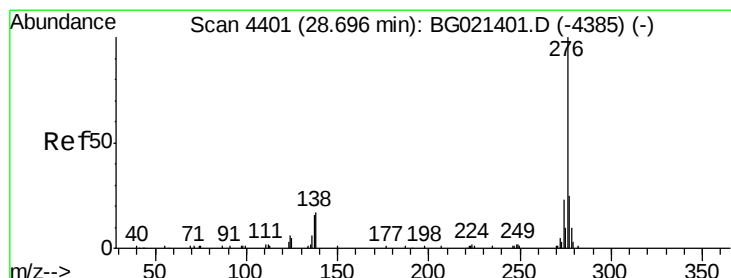
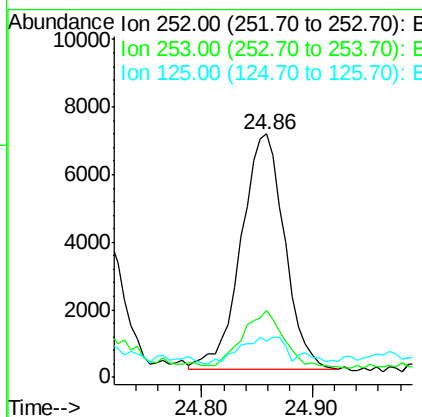
P009-SS003-01



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19167		
253	27.6	17.4	26.0#	
125	15.1	8.2	12.2#	

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.09 ng/ul

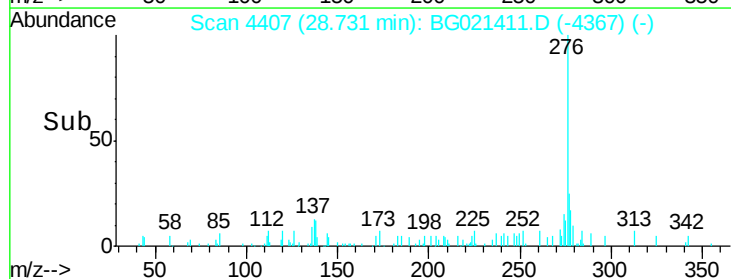
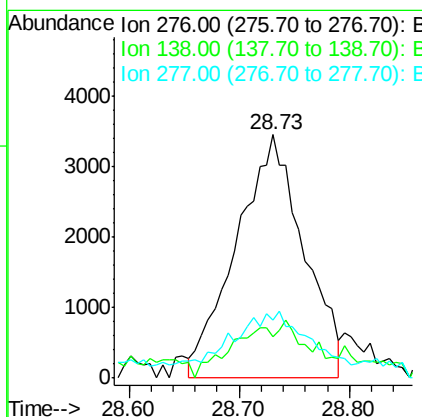
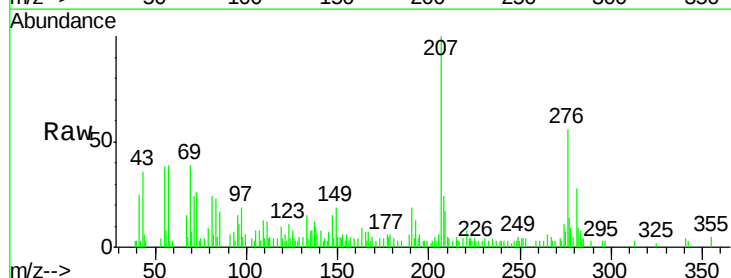
RT: 28.73 min Scan# 4407

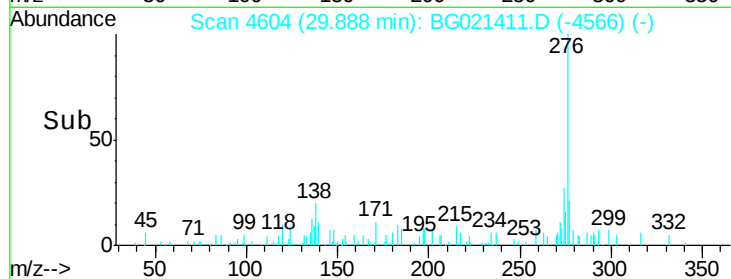
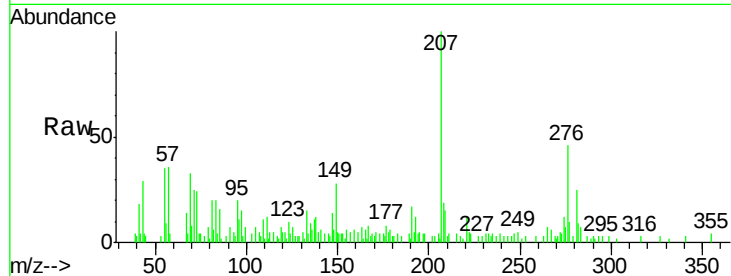
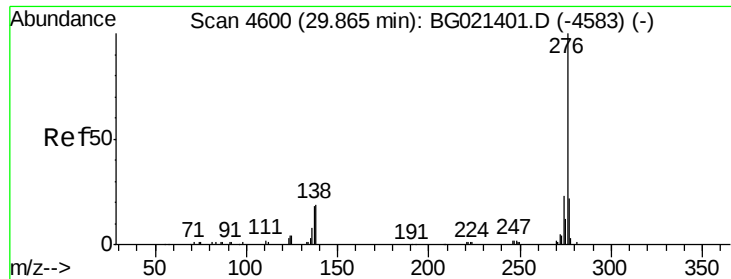
Delta R.T. 0.03 min

Lab File: BG021411.D

Acq: 10 Mar 2016 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	14643		
138	16.9	15.8	23.6	
277	24.0	19.0	28.6	





#94

Benzo(g,h,i)perylene

Concen: 2.78 ng/ul m

RT: 29.89 min Scan# 4604

Delta R.T. 0.02 min

Lab File: BG021411.D

Acq: 10 Mar 2016 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	16035		
138	26.2		13.9	20.9#
277	20.9		19.8	29.6

Instrument :

BNA_G

ClientSampleId :

P009-SS003-01

Manual Integrations
APPROVED

Sohil
3/11/2016 5:27:47 PM

