

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021414.D
 Acq On : 10 Mar 2016 18:55
 Operator : UM/SJ
 Sample : H1616-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P010-SS001-01

Manual Integrations
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 3/11/2016 5:27:50 PM

Quant Time: Mar 11 12:03:35 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	14714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	71756	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	41363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	85076	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	105042	20.00	ng/ul	0.01
86) Perylene-d12	25.04	264	100116	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	866	2.76	ng/uL	0.00
5) Phenol-d5	7.31	99	29527	17.73	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	20401	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	22527	19.81	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	23342	17.34	ng/ul	0.02
19) Nitrobenzene-d5	9.28	128	12523	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	13415	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	23974	20.78	ng/ul	0.04
29) 4-Chloroaniline-d4	11.07	131	10073	6.66	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	75542	21.10	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	98035	22.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	145	0.21	ng/ul	0.01
58) Fluorene-d10	15.72	176	68112	21.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	10260	18.02	ng/ul	0.00
71) Anthracene-d10	17.57	188	98830	23.27	ng/ul	0.00
79) Pyrene-d10	19.85	212	114385	21.34	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.81	264	120478	22.50	ng/ul	0.04

Target Compounds

					Qvalue
28) Naphthalene	10.98	128	9390	2.33 ng/ul	96
34) 2-Methylnaphthalene	12.57	142	4167	1.39 ng/ul	98
45) Dimethylphthalate	14.18	163	31300	8.18 ng/ul	97
48) Acenaphthylene	14.47	152	10073	2.25 ng/ul#	91
70) Phenanthrene	17.52	178	14331	2.83 ng/ul#	86
72) Anthracene	17.61	178	9488	1.84 ng/ul#	84
77) Fluoranthene	19.52	202	30316	5.19 ng/ul	98
80) Pyrene	19.88	202	64605	9.19 ng/ul	98
83) Benzo(a)anthracene	21.73	228	24888	3.63 ng/ul#	71
84) Bis(2-ethylhexyl)phthalate	21.61	149	37663	7.84 ng/ul#	76
85) Chrysene	21.79	228	31503	4.96 ng/ul#	76
88) Benzo(b)fluoranthene	23.99	252	60968	8.90 ng/ul#	60
89) Benzo(k)fluoranthene	24.04	252	13299m	1.99 ng/ul	
91) Benzo(a)pyrene	24.88	252	48391	7.20 ng/ul#	67
92) Indeno(1,2,3-cd)pyrene	28.79	276	42755	5.79 ng/ul#	91
93) Dibenzo(a,h)anthracene	28.83	278	9599m	1.53 ng/ul	
94) Benzo(g,h,i)perylene	29.96	276	57139	9.38 ng/ul#	95

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

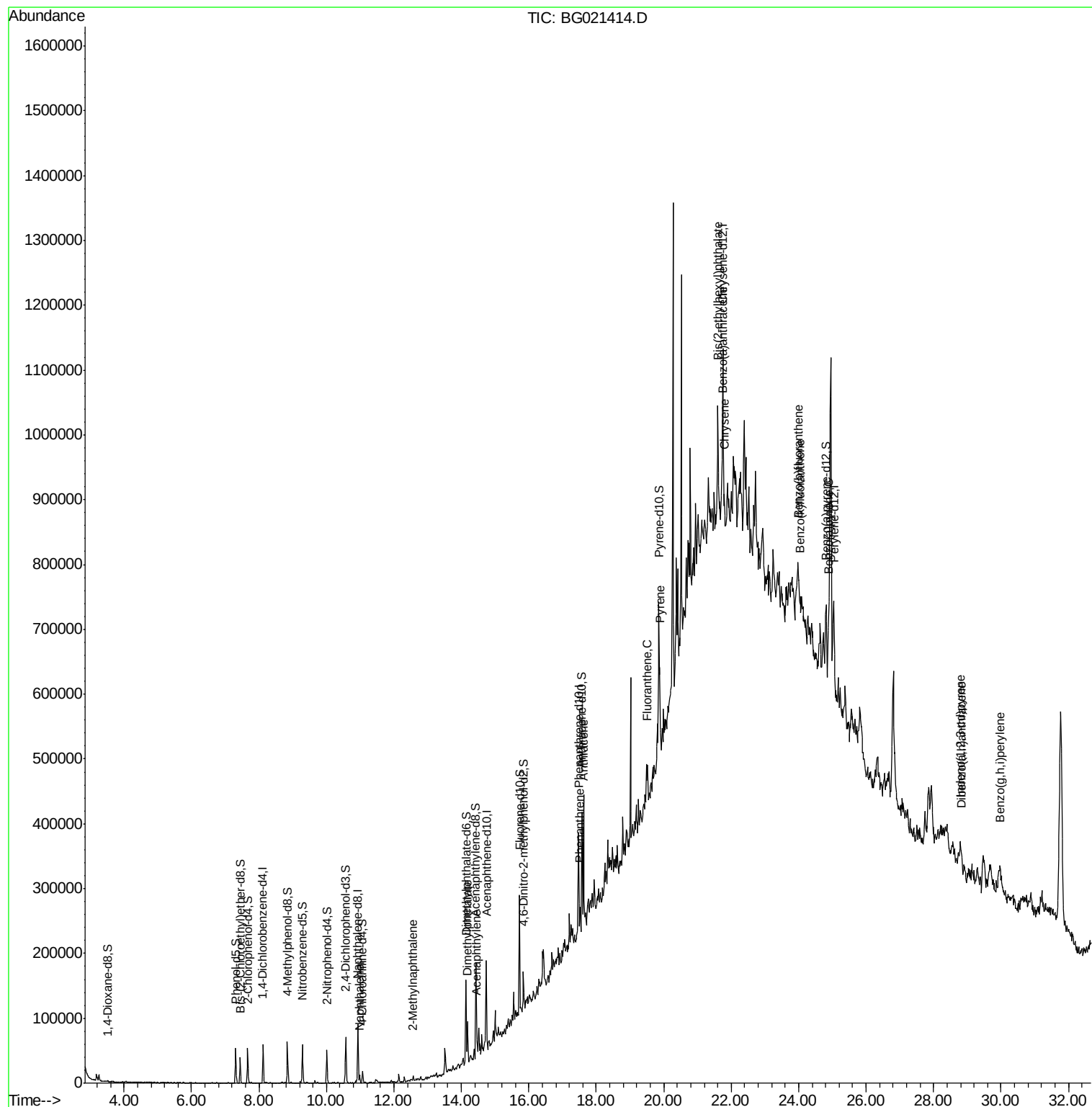
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021414.D
Acq On : 10 Mar 2016 18:55
Operator : UM/SJ
Sample : H1616-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

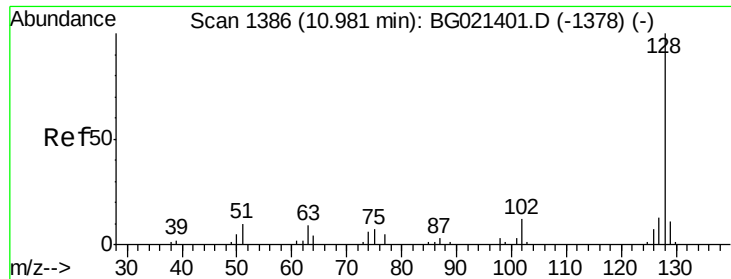
Instrument :
BNA_G
ClientSampled :
P010-SS001-01

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Quant Time: Mar 11 12:03:35 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





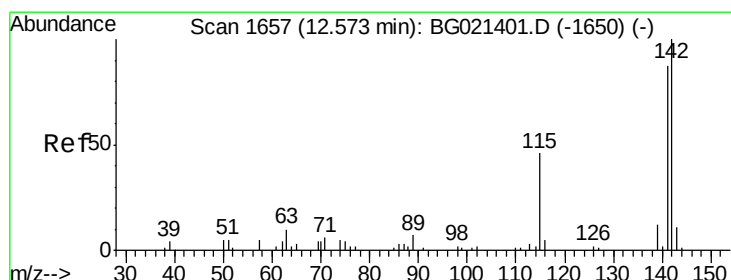
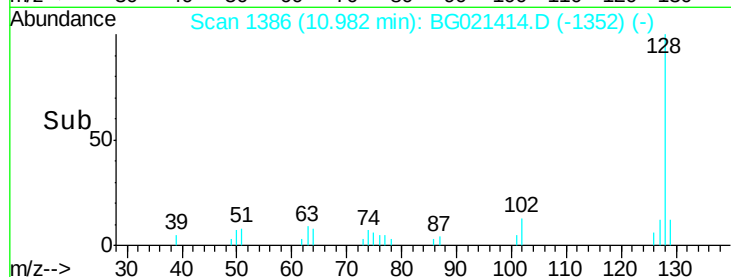
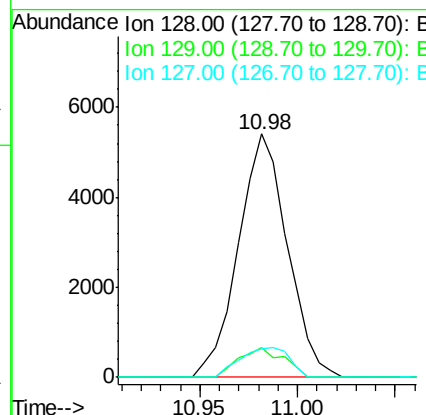
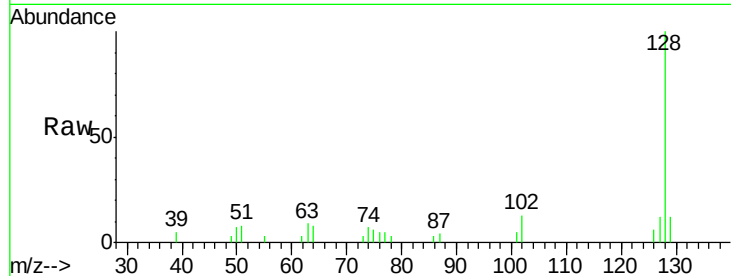
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Naphthalene
Concen: 2.33 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Instrument :
BNA_G
ClientSampleId :
P010-SS001-01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.3	12.5
127	11.8	10.8	16.2

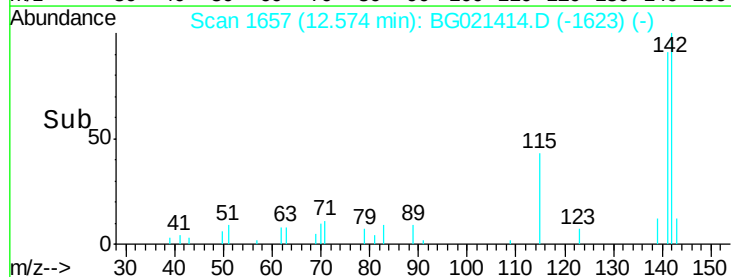
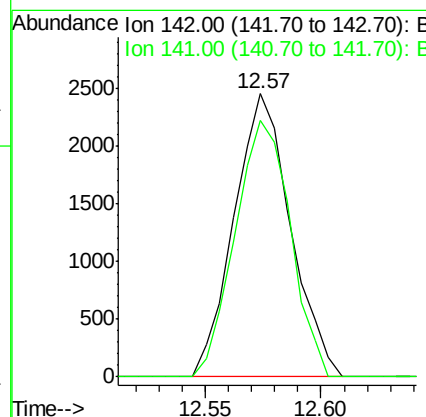
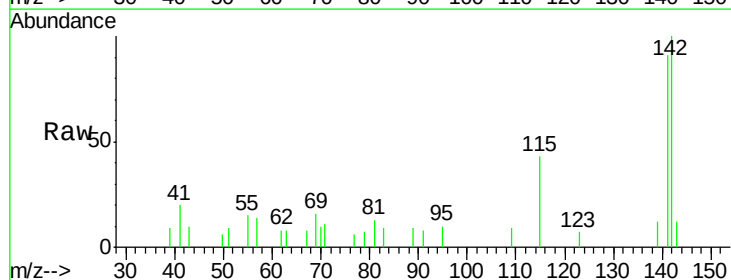
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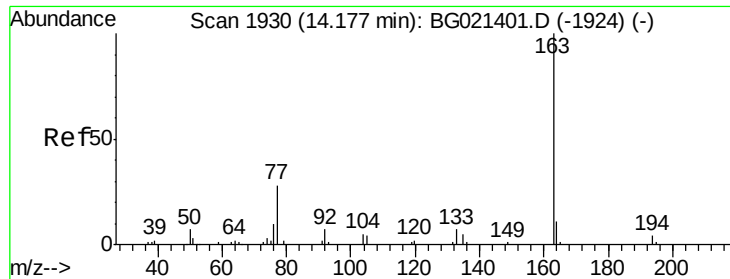
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#34
2-Methylnaphthalene
Concen: 1.39 ng/ul
RT: 12.57 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.3	106.9





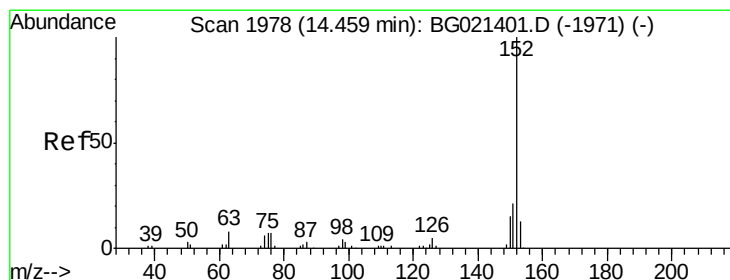
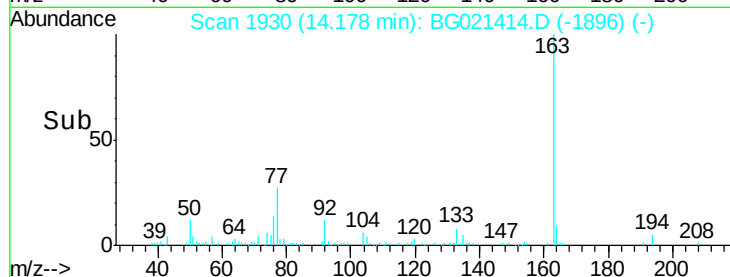
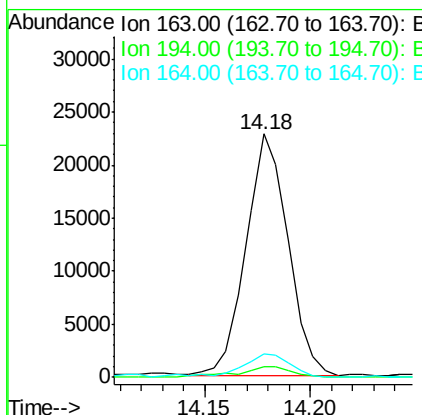
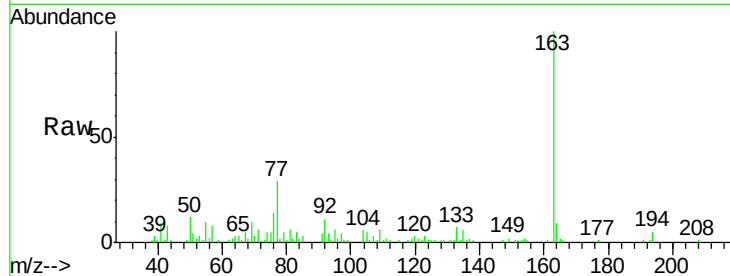
#45
Dimethylphthalate
Concen: 8.18 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Instrument :
BNA_G
ClientSampleId :
P010-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	31300		
194	4.6		3.9	5.9
164	9.4		8.7	13.1

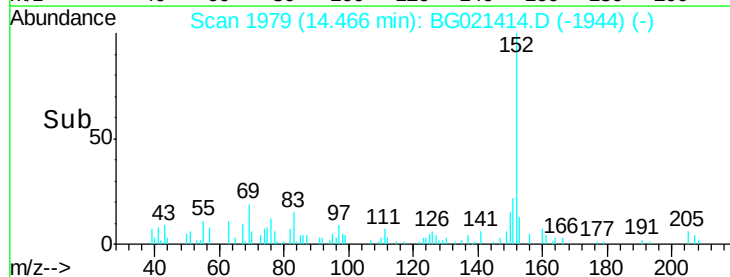
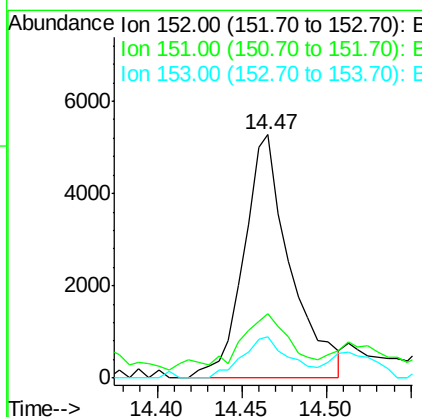
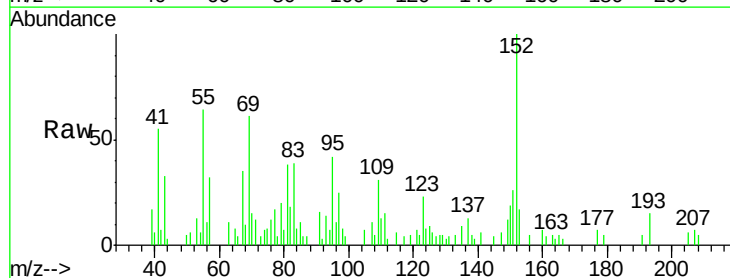
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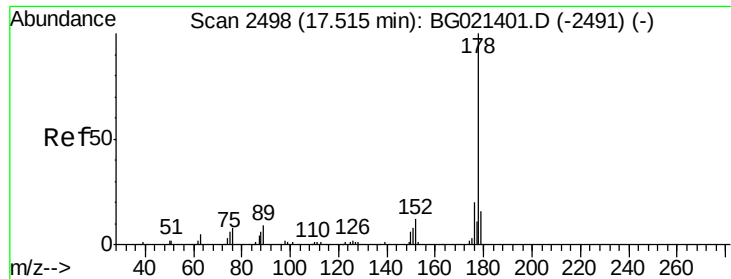
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#48
Acenaphthylene
Concen: 2.25 ng/ul
RT: 14.47 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	10073		
151	26.4		17.3	25.9#
153	17.0		11.1	16.7#





#70

Phenanthrene

Concen: 2.83 ng/ul

RT: 17.52 min Scan# 2499

Delta R.T. 0.01 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Instrument :

BNA_G

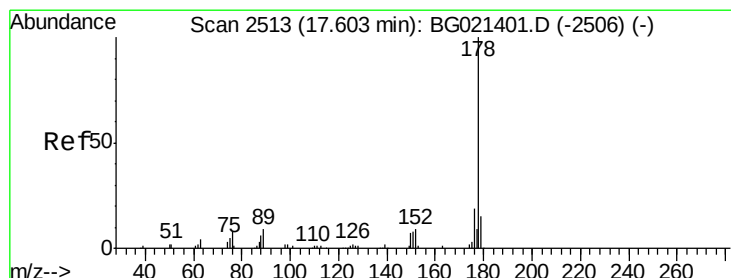
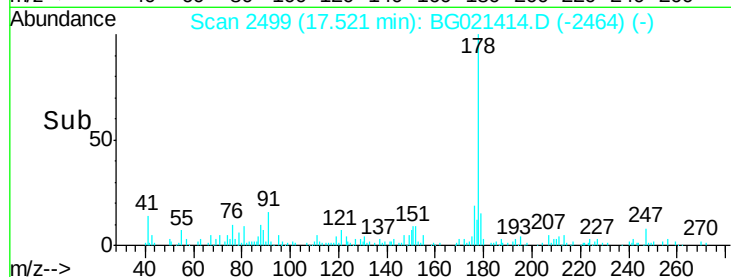
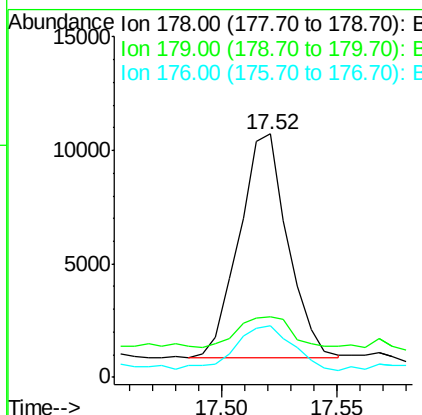
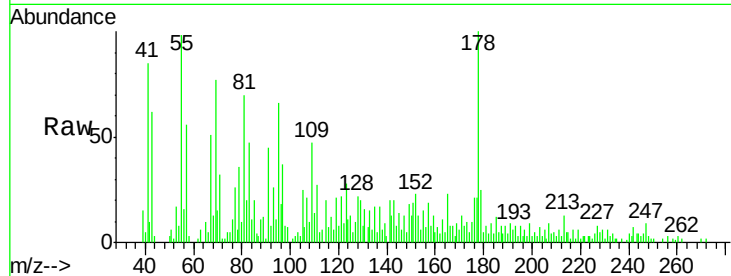
ClientSampleId :

P010-SS001-01

Tgt Ion:	178	Resp:	14331
Ion Ratio	Lower	Upper	
178	100		
179	24.8	11.8	17.8#
176	21.3	14.8	22.2

Manual Integrations
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#72

Anthracene

Concen: 1.84 ng/ul

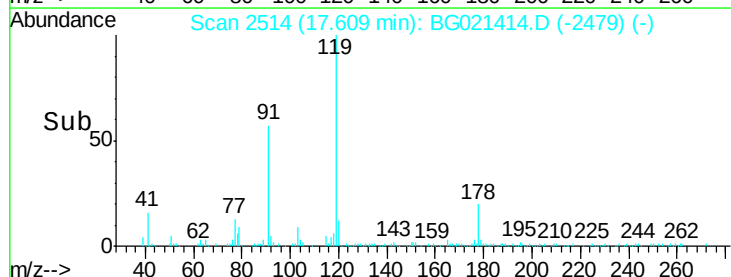
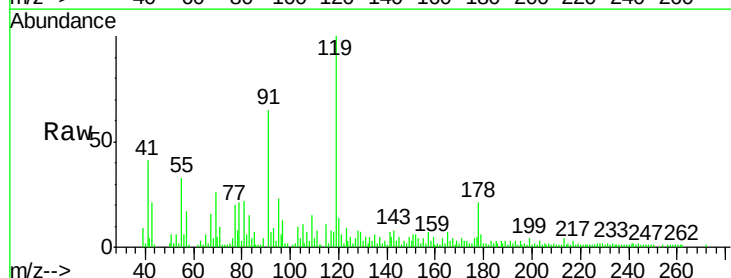
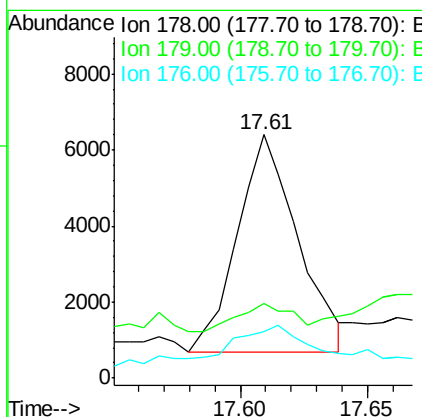
RT: 17.61 min Scan# 2514

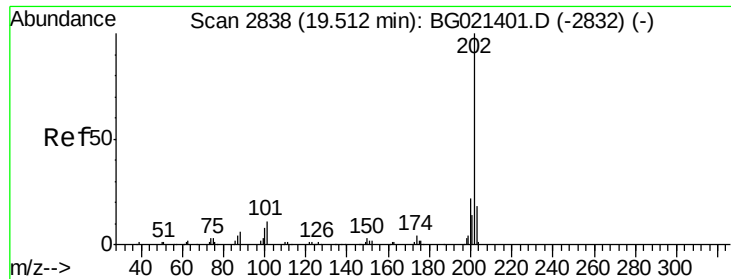
Delta R.T. 0.01 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Tgt Ion:	178	Resp:	9488
Ion Ratio	Lower	Upper	
178	100		
179	30.8	12.9	19.3#
176	18.9	15.6	23.4





#77

Fluoranthene

Concen: 5.19 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Instrument :

BNA_G

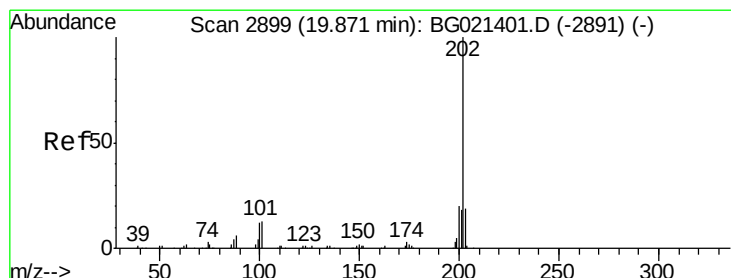
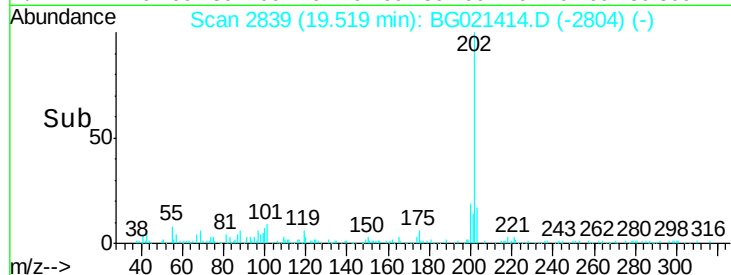
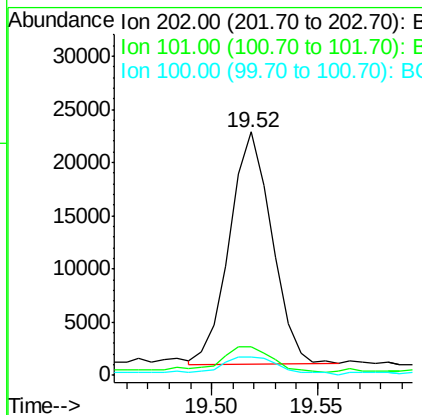
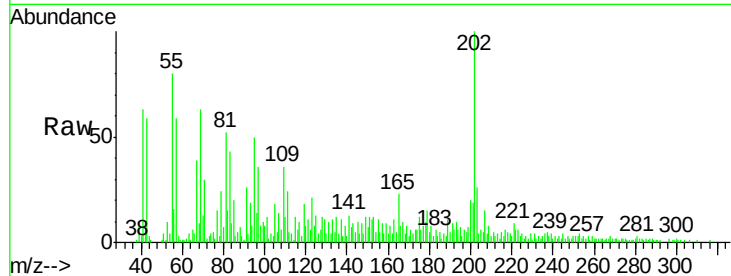
ClientSampleId :

P010-SS001-01

Tgt	Ion	202	Resp:	30316
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	8.9	13.3	
100	7.7	7.0	10.4	

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#80

Pyrene

Concen: 9.19 ng/ul

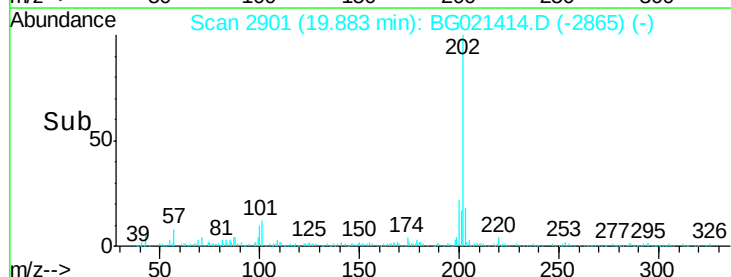
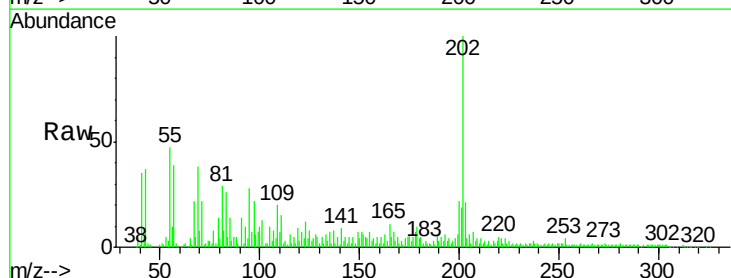
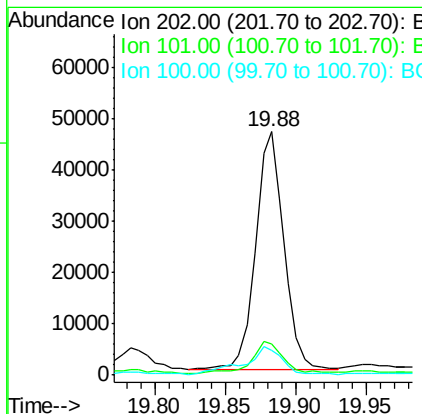
RT: 19.88 min Scan# 2901

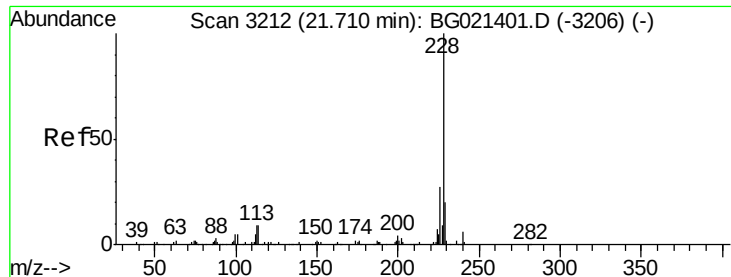
Delta R.T. 0.01 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Tgt	Ion	202	Resp:	64605
Ion	Ratio	Lower	Upper	
202	100			
101	12.6	9.8	14.8	
100	10.4	9.3	13.9	





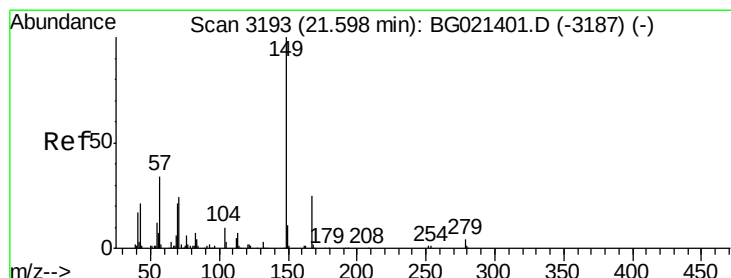
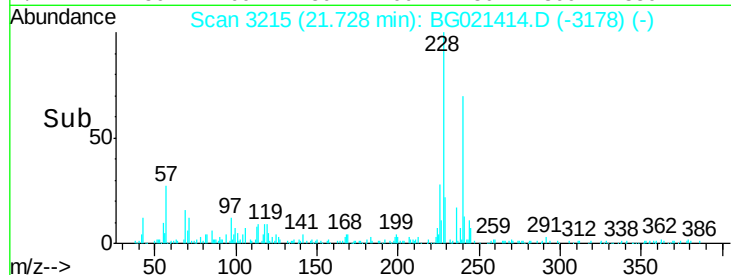
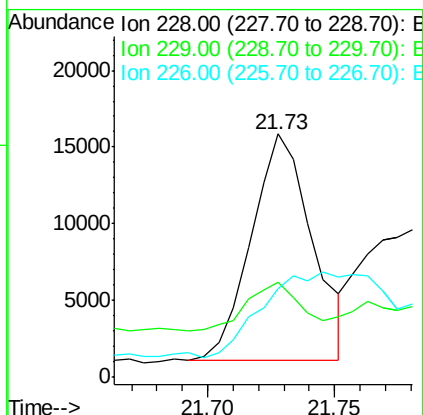
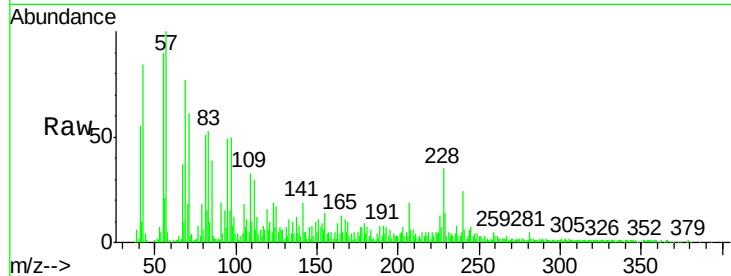
#83
Benzo(a)anthracene
Concen: 3.63 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.02 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Instrument :
BNA_G
ClientSampleId :
P010-SS001-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.3	16.6	25.0#
226	36.3	21.0	31.4#

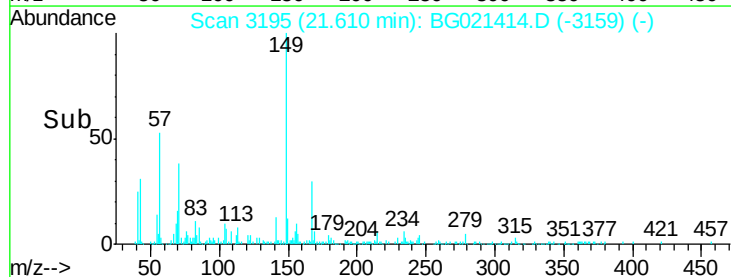
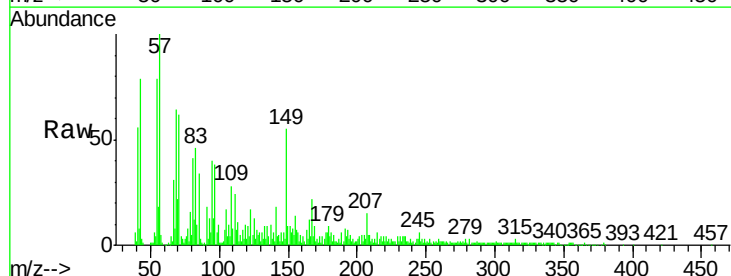
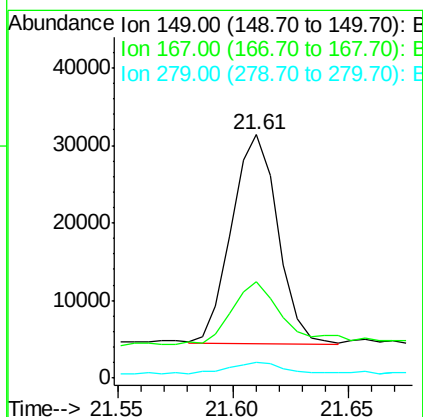
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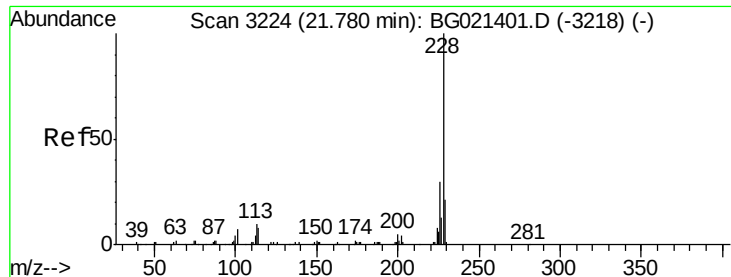
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.84 ng/ul
RT: 21.61 min Scan# 3195
Delta R.T. 0.01 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	39.4	20.5	30.7#
279	6.3	3.7	5.5#





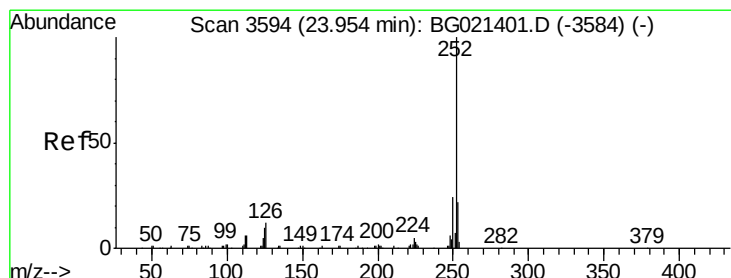
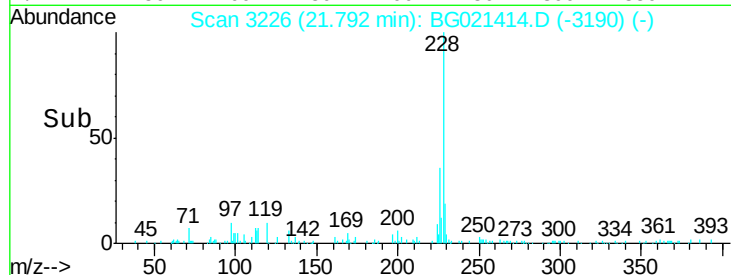
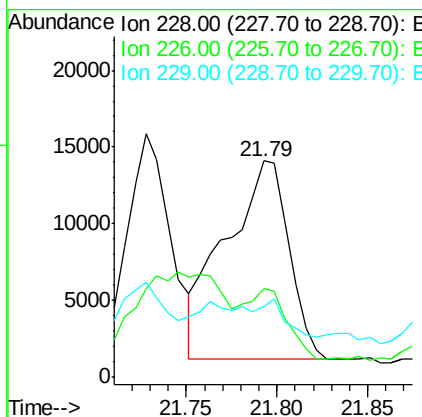
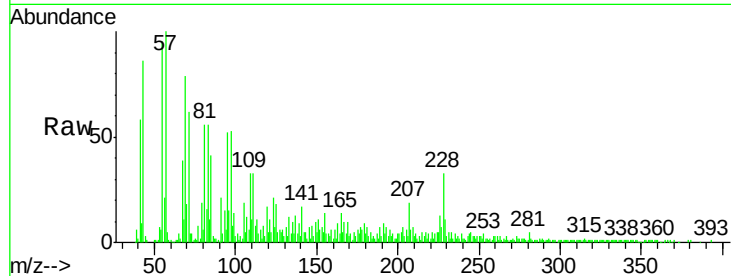
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Chrysene
Concen: 4.96 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.01 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Instrument :
BNA_G
ClientSampleId :
P010-SS001-01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.8	23.4	35.2#
229	32.7	16.2	24.2#

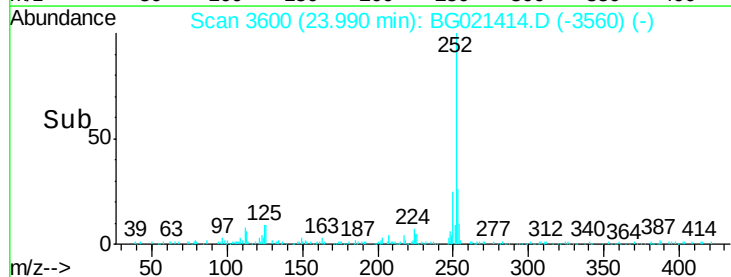
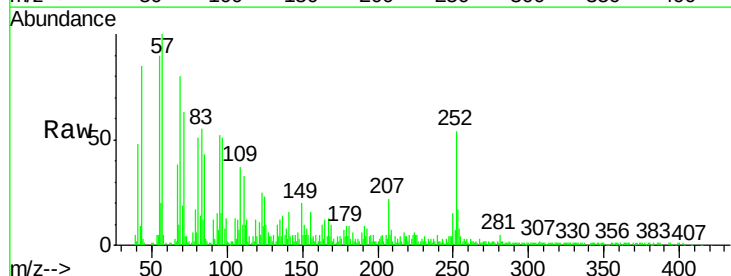
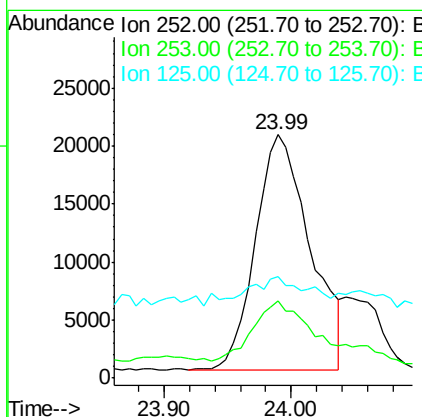
Manual Integrations
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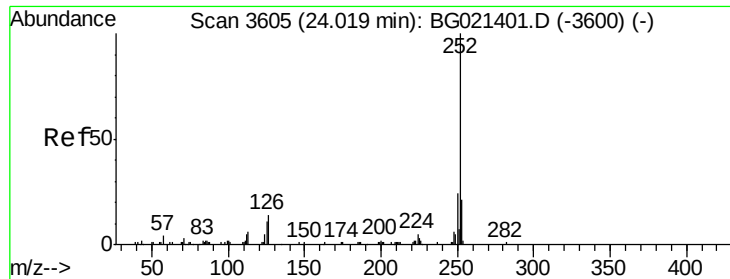
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#88
Benzo(b)fluoranthene
Concen: 8.90 ng/ul
RT: 23.99 min Scan# 3600
Delta R.T. 0.04 min
Lab File: BG021414.D
Acq: 10 Mar 2016 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	18.1	27.1#
125	42.0	7.6	11.4#





#89

Benzo(k)fluoranthene

Concen: 1.99 ng/ul m

RT: 24.04 min Scan# 3609

Delta R.T. 0.02 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Instrument :

BNA_G

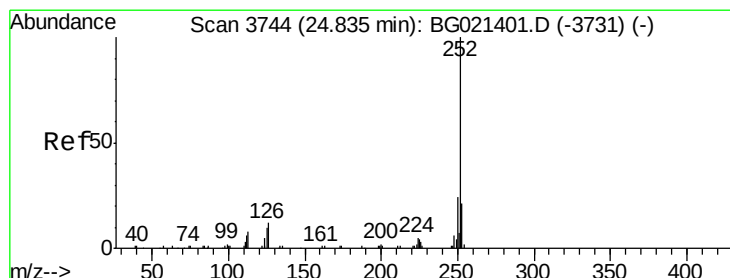
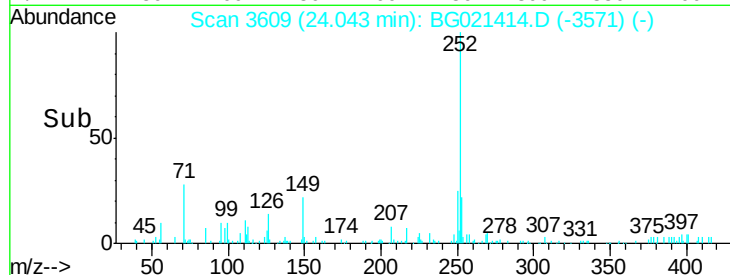
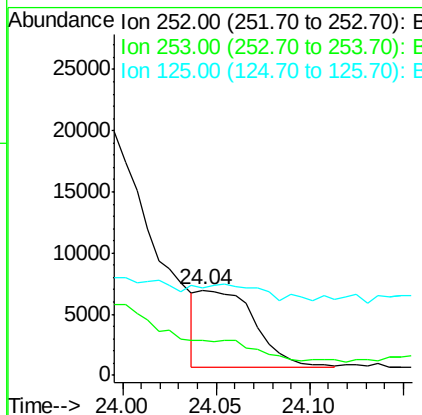
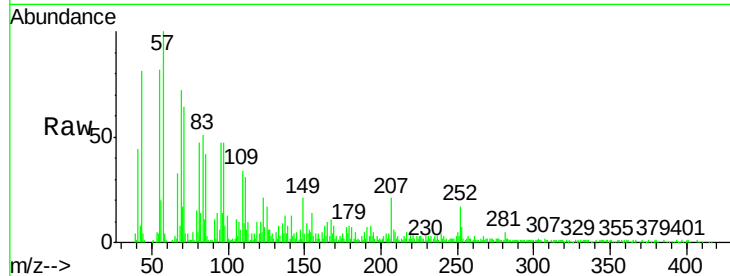
ClientSampleId :

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Tgt Ion:	252	Resp:	13299
Ion Ratio	Lower	Upper	
252	100		
253	40.9	17.8	26.8#
125	103.0	7.7	11.5#

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#91

Benzo(a)pyrene

Concen: 7.20 ng/ul

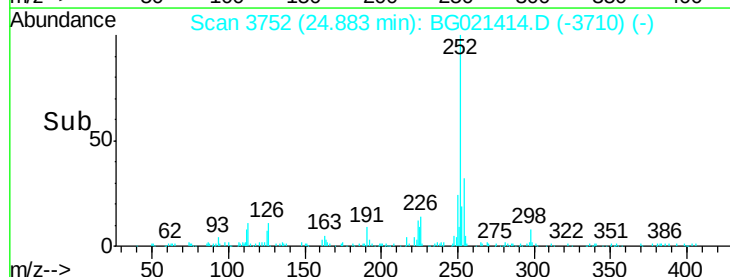
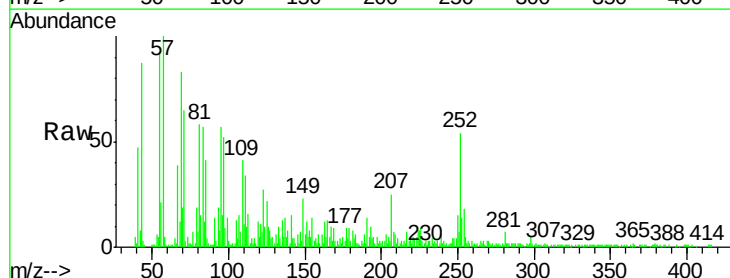
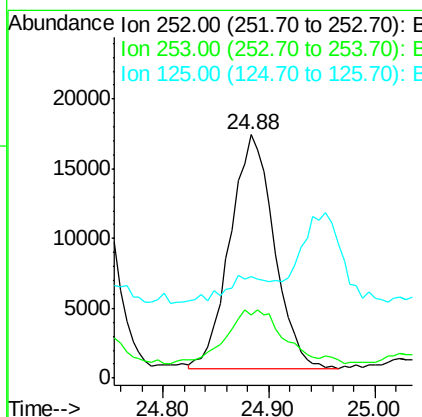
RT: 24.88 min Scan# 3752

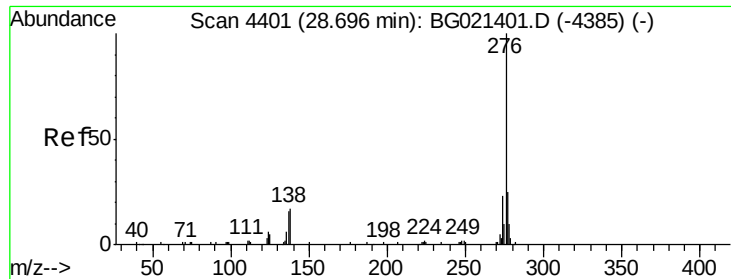
Delta R.T. 0.05 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Tgt Ion:	252	Resp:	48391
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.4	26.0
125	41.6	8.2	12.2#





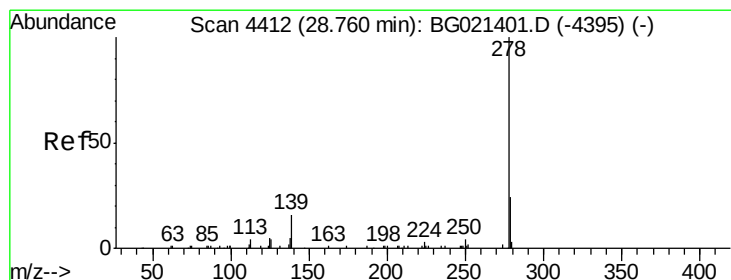
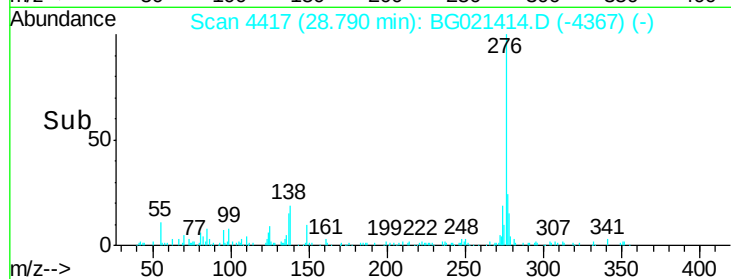
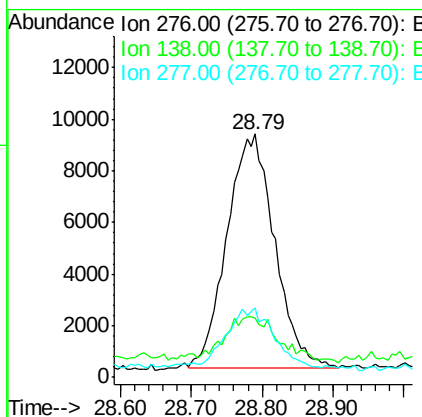
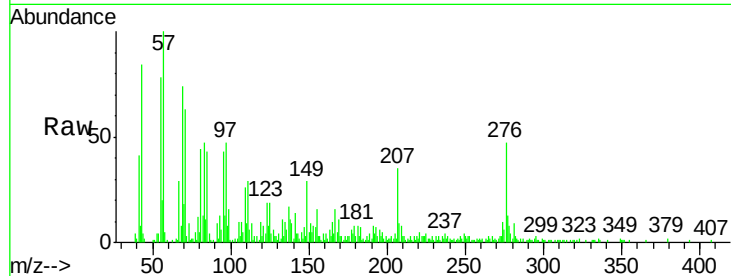
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.79 ng/ul
 RT: 28.79 min Scan# 4417
 Delta R.T. 0.09 min
 Lab File: BG021414.D
 Acq: 10 Mar 2016 18:55

Instrument :
 BNA_G
 ClientSampleId :
 P010-SS001-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	15.8	23.6#
277	28.3	19.0	28.6

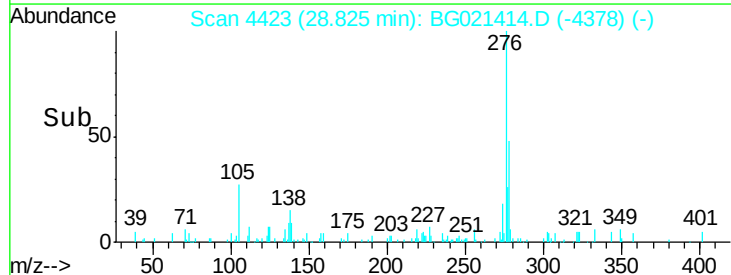
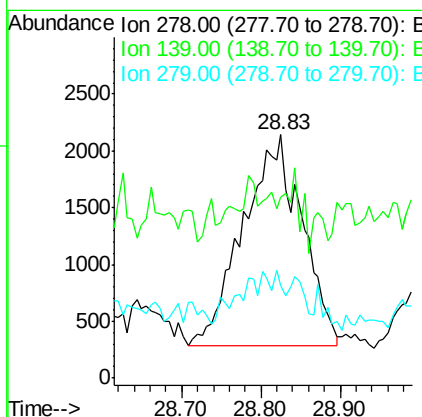
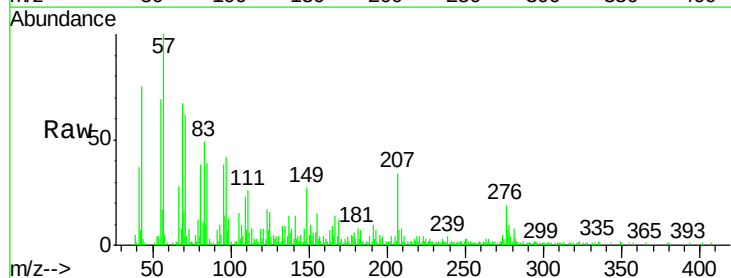
Manual Integrations
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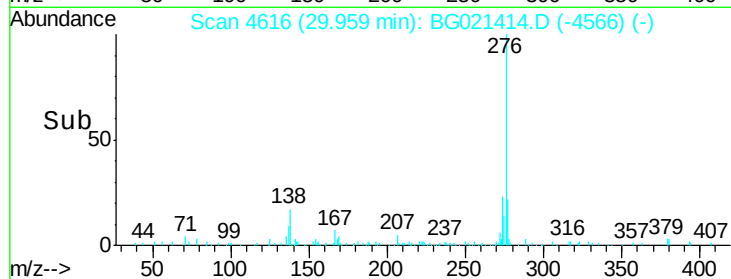
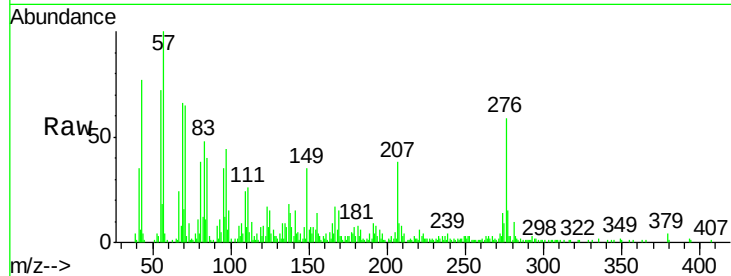
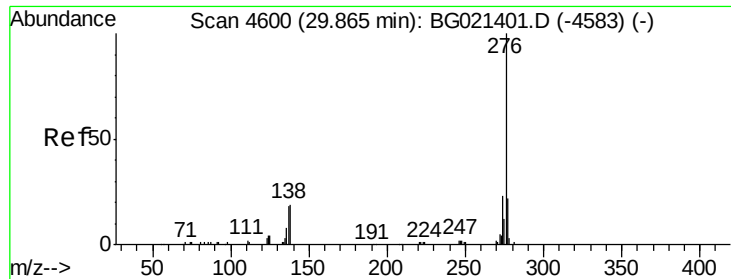
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.53 ng/ul m
 RT: 28.83 min Scan# 4423
 Delta R.T. 0.07 min
 Lab File: BG021414.D
 Acq: 10 Mar 2016 18:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	74.1	12.1	18.1#
279	38.2	19.8	29.8#





#94

Benzo(g,h,i)perylene

Concen: 9.38 ng/ul

RT: 29.96 min Scan# 4616

Delta R.T. 0.09 min

Lab File: BG021414.D

Acq: 10 Mar 2016 18:55

Tgt	Ion	276	Resp:	57139
Ion	Ratio	100	Lower	Upper
138	22.9	13.9	20.9#	
277	24.9	19.8	29.6	

Instrument :

BNA_G

ClientSampleId :

P010-SS001-01

Manual Integrations
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