

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
 Data File : BG021422.D
 Acq On : 11 Mar 2016 16:49
 Operator : UM/SJ
 Sample : H1616-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 11 18:11:06 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	12946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	60617	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	32702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	70479	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	97369	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	94578	20.00	ng/ul	0.03

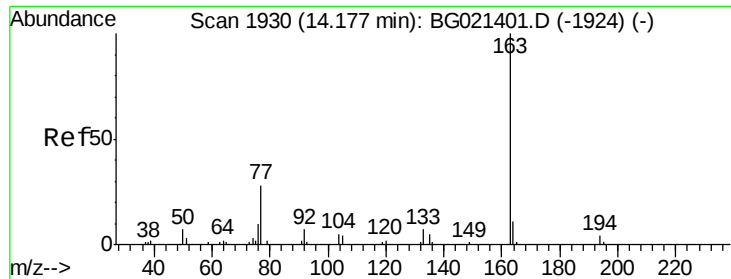
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	857	3.11	ng/uL	0.00
5) Phenol-d5	7.33	99	26926	18.38	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.44	67	18288	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	20406	20.40	ng/ul	0.02
13) 4-Methylphenol-d8	8.86	113	21923	18.51	ng/ul	0.04
19) Nitrobenzene-d5	9.29	128	11163	22.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12079	22.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	20267	20.79	ng/ul	0.04
29) 4-Chloroaniline-d4	11.07	131	23497	18.38	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	63558	22.46	ng/ul	0.01
47) Acenaphthylene-d8	14.44	160	78200	22.67	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	8738m	16.33	ng/ul	0.10
58) Fluorene-d10	15.73	176	55113	22.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	9310	19.74	ng/ul	0.00
71) Anthracene-d10	17.58	188	80952	23.01	ng/ul	0.00
79) Pyrene-d10	19.85	212	96865	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	115899	22.92	ng/ul	0.03

Target Compounds

					Qvalue
45) Dimethylphthalate	14.19	163	23405	7.74 ng/ul#	95
59) Fluorene	15.78	166	3266	1.10 ng/ul#	86
70) Phenanthrene	17.52	178	33980	8.10 ng/ul	95
72) Anthracene	17.61	178	8422m	1.97 ng/ul	
77) Fluoranthene	19.51	202	47916	9.90 ng/ul#	97
80) Pyrene	19.88	202	47371	7.27 ng/ul	97
83) Benzo(a)anthracene	21.72	228	27750	4.37 ng/ul#	82
85) Chrysene	21.79	228	23927	4.07 ng/ul#	81
88) Benzo(b)fluoranthene	23.99	252	36318	5.61 ng/ul#	1
91) Benzo(a)pyrene	24.87	252	30140	4.74 ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.73	276	18344	2.63 ng/ul#	63
94) Benzo(g,h,i)perylene	29.90	276	18096	3.14 ng/ul#	66

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



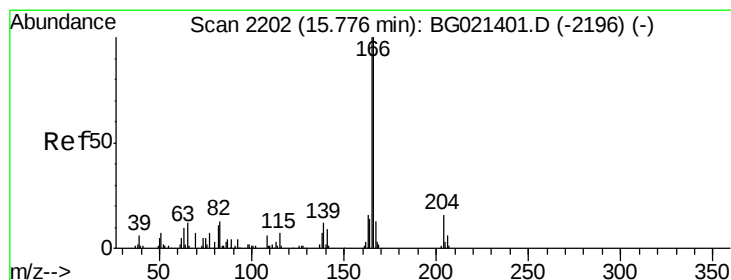
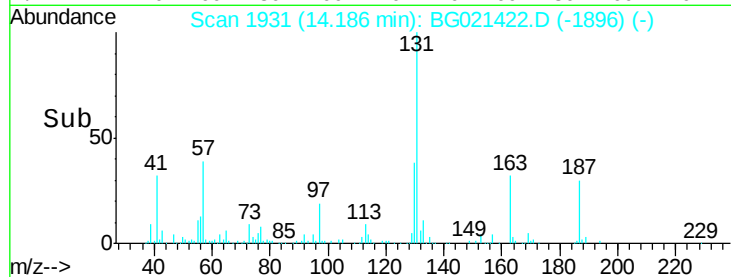
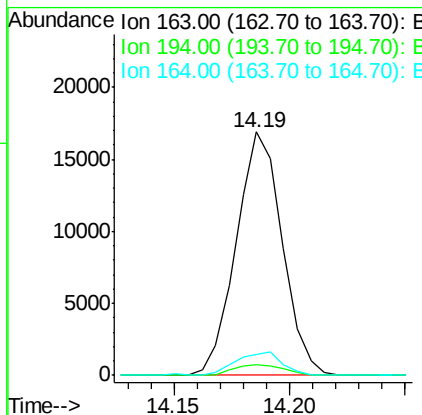
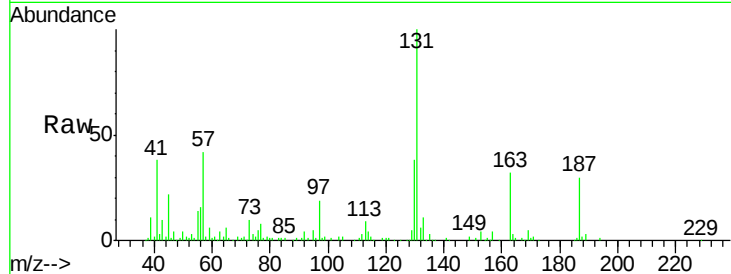
#45
Dimethylphthalate
Concen: 7.74 ng/ul
RT: 14.19 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	8.6	8.7	13.1#

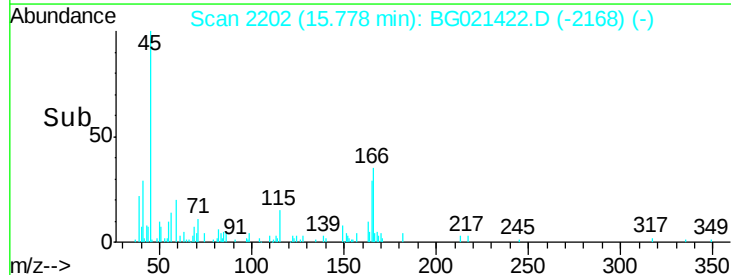
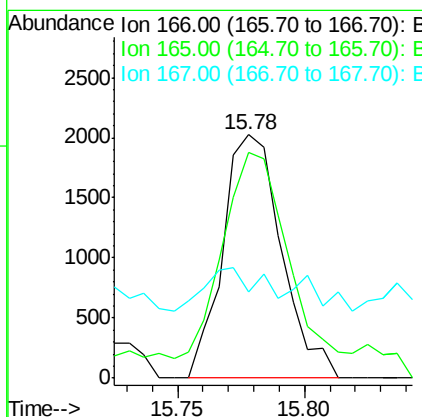
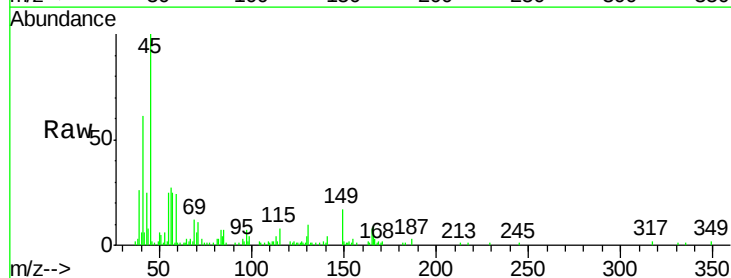
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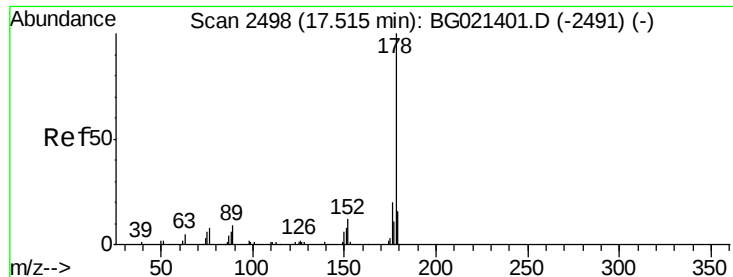
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#59
Fluorene
Concen: 1.10 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.4	81.1	121.7
167	35.2	10.6	16.0#





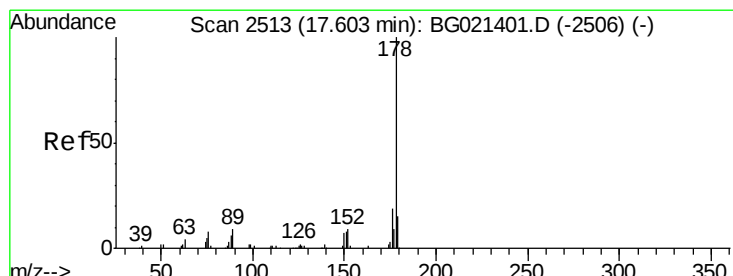
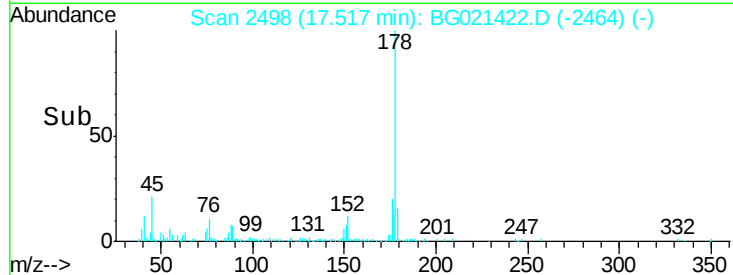
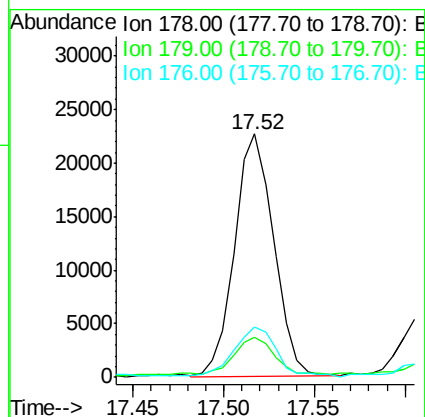
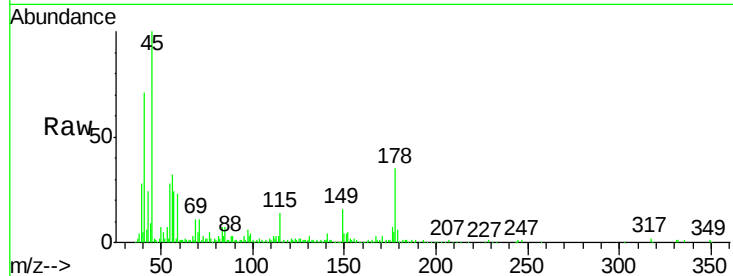
#70
Phenanthrene
Concen: 8.10 ng/ul
RT: 17.52 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

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

Tgt Ion:	178	Resp:	33980
Ion Ratio	Lower	Upper	
178	100		
179	16.7	11.8	17.8
176	20.6	14.8	22.2

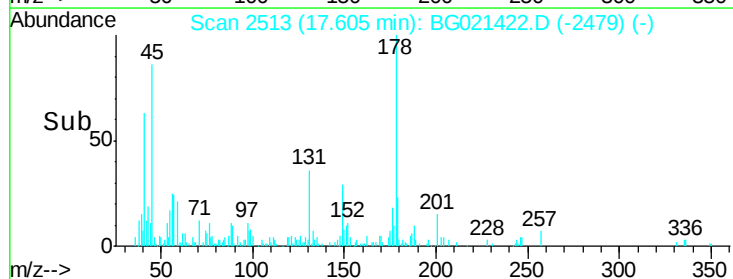
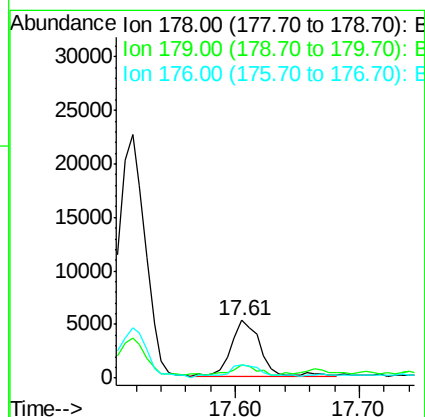
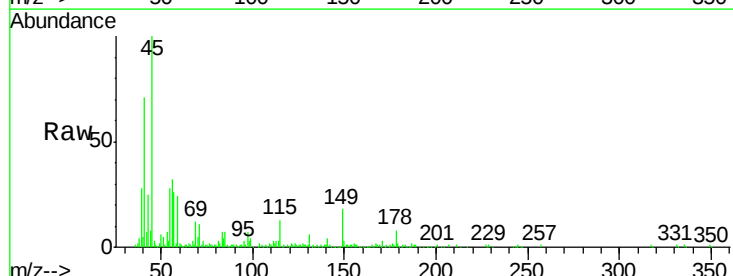
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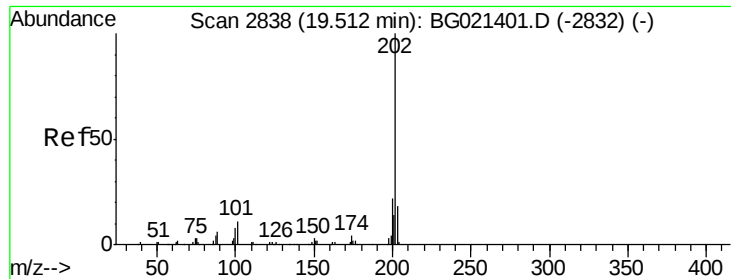
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#72
Anthracene
Concen: 1.97 ng/ul m
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

Tgt Ion:	178	Resp:	8422
Ion Ratio	Lower	Upper	
178	100		
179	22.6	12.9	19.3#
176	21.8	15.6	23.4





#77

Fluoranthene

Concen: 9.90 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG021422.D

Acq: 11 Mar 2016 16:49

Instrument :

BNA_G

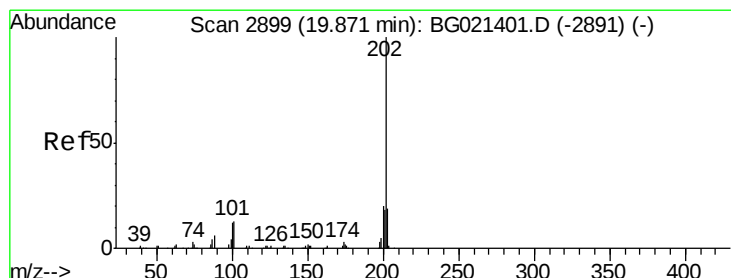
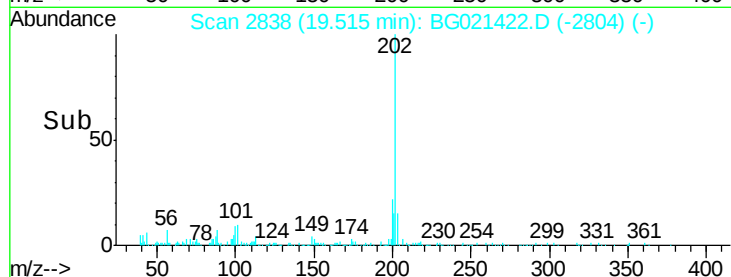
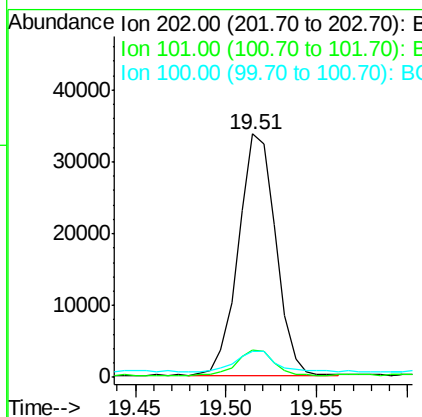
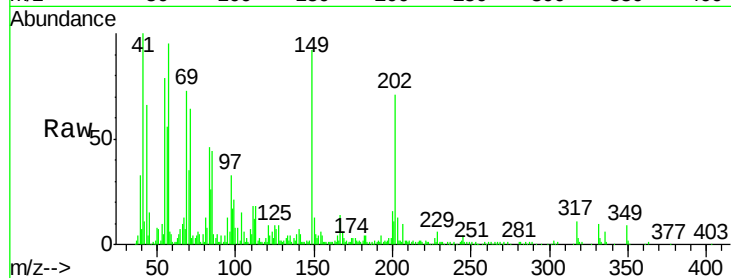
ClientSampleId :

BLDG06-P002-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	47916		
101	11.4	8.9	13.3	
100	10.6	7.0	10.4	

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#80

Pyrene

Concen: 7.27 ng/ul

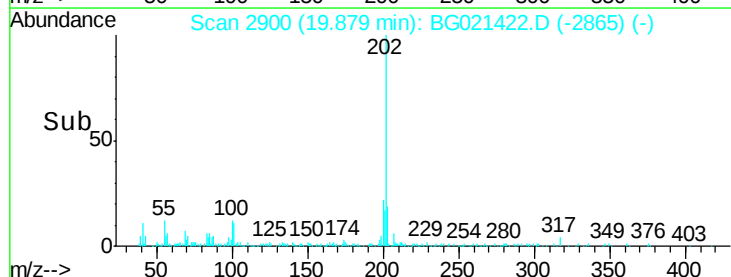
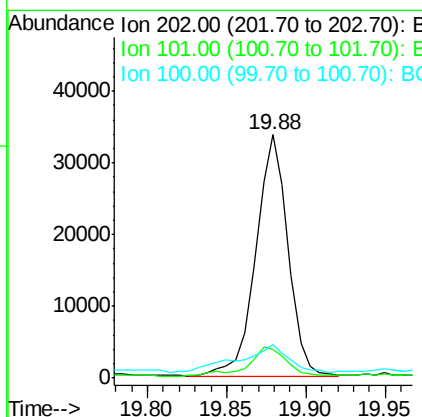
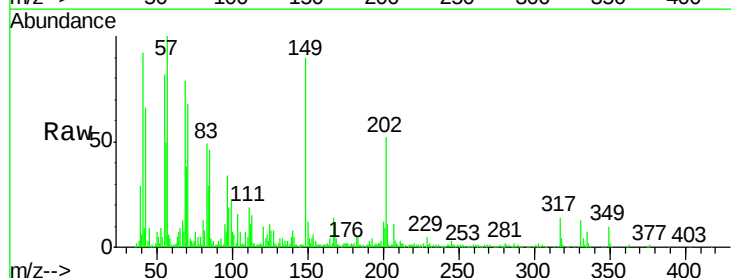
RT: 19.88 min Scan# 2900

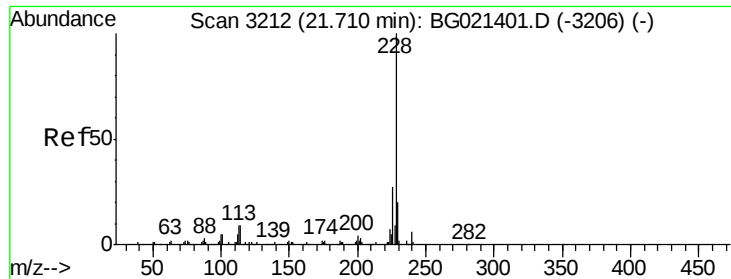
Delta R.T. 0.01 min

Lab File: BG021422.D

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	47371		
101	12.0	9.8	14.8	
100	13.9	9.3	13.9	





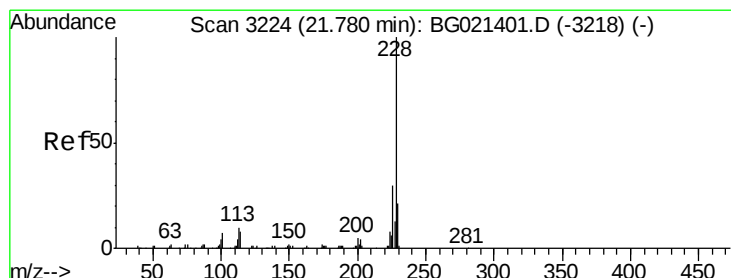
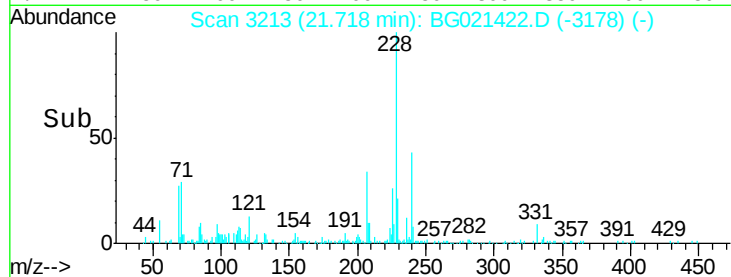
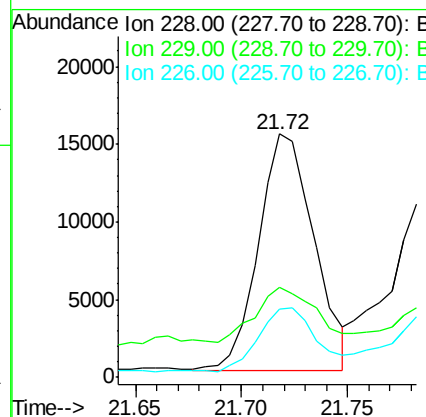
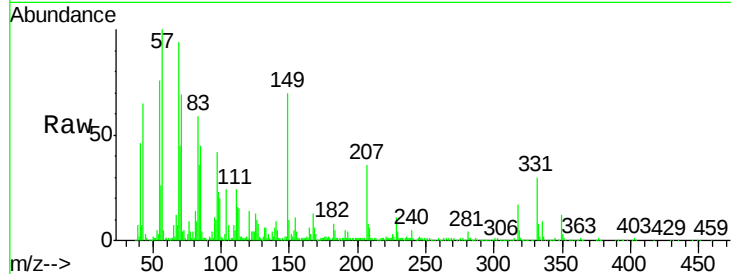
#83
Benzo(a)anthracene
Concen: 4.37 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

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

Tgt Ion	Ratio	Lower	Upper
228	100		
229	37.0	16.6	25.0#
226	28.2	21.0	31.4

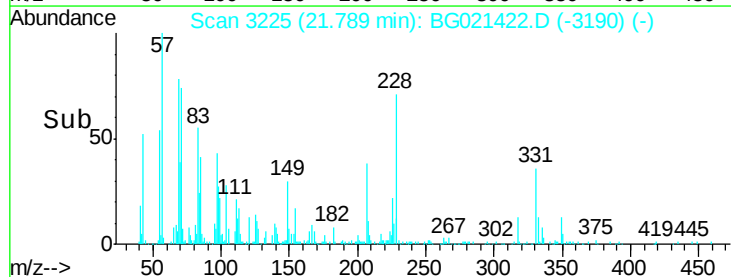
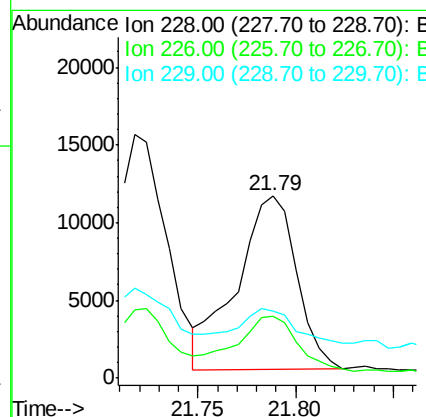
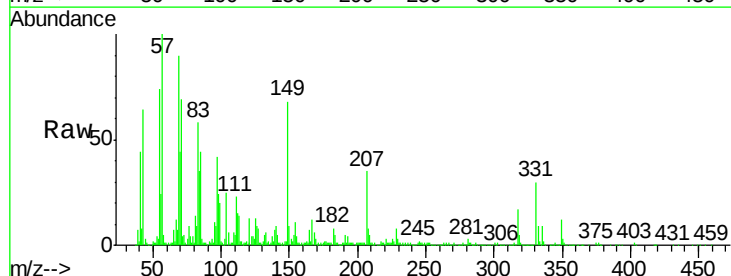
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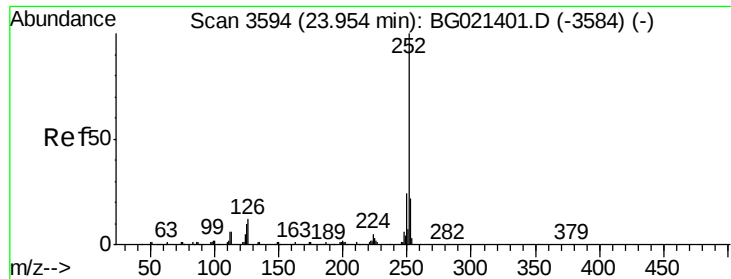
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#85
Chrysene
Concen: 4.07 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BG021422.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.2
229	36.5	16.2	24.2#





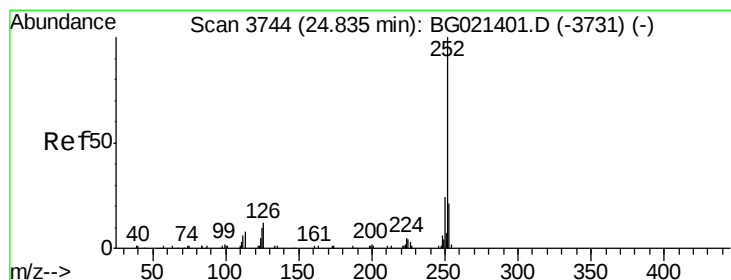
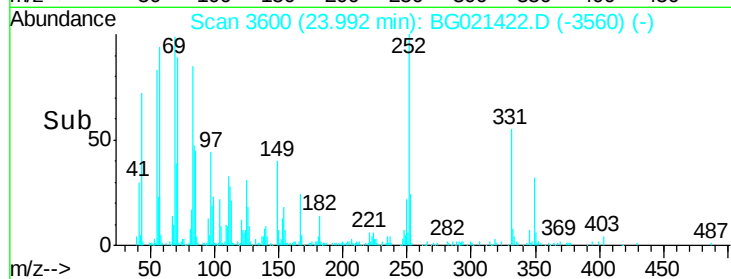
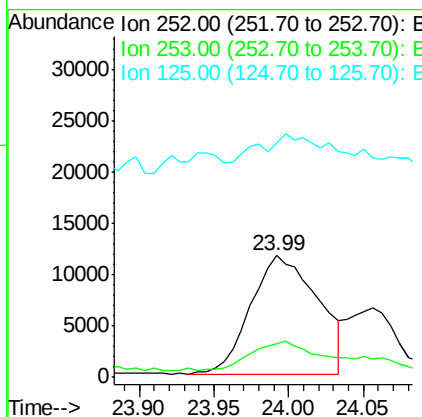
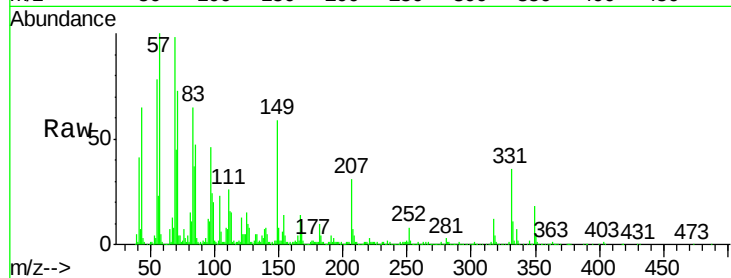
#88
Benzo(b)fluoranthene
Concen: 5.61 ng/ul
RT: 23.99 min Scan# 3600
Delta R.T. 0.04 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	193.5	7.6	11.4#

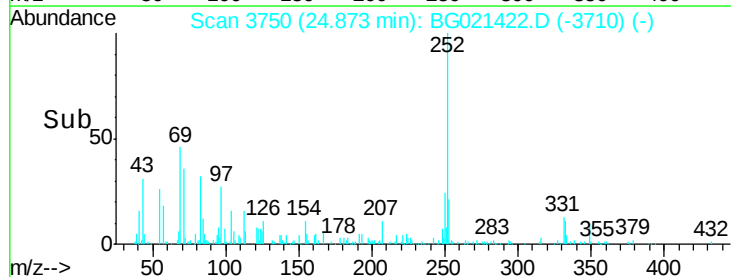
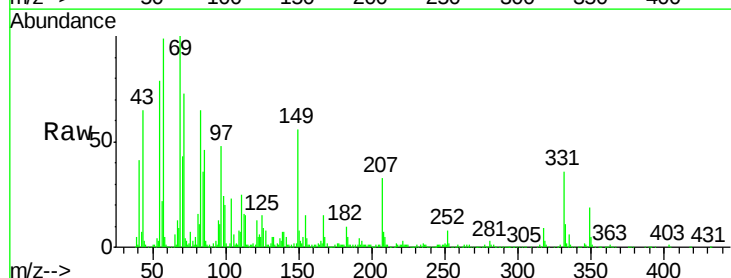
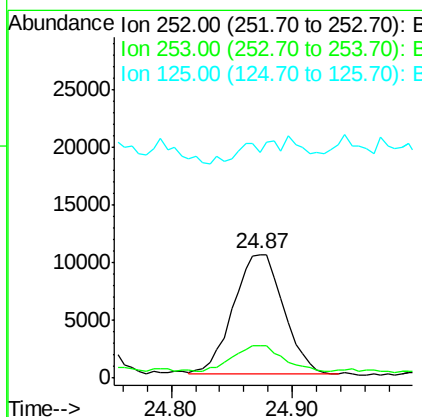
Manual Integrations
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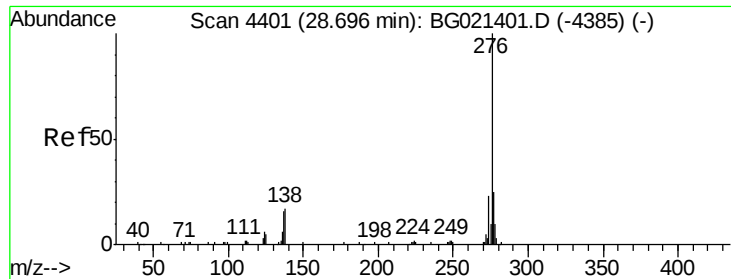
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#91
Benzo(a)pyrene
Concen: 4.74 ng/ul
RT: 24.87 min Scan# 3750
Delta R.T. 0.04 min
Lab File: BG021422.D
Acq: 11 Mar 2016 16:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0#
125	182.7	8.2	12.2#





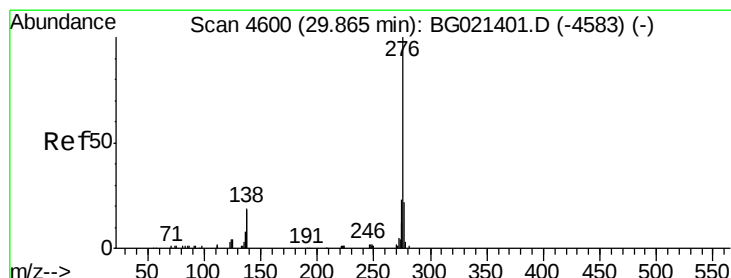
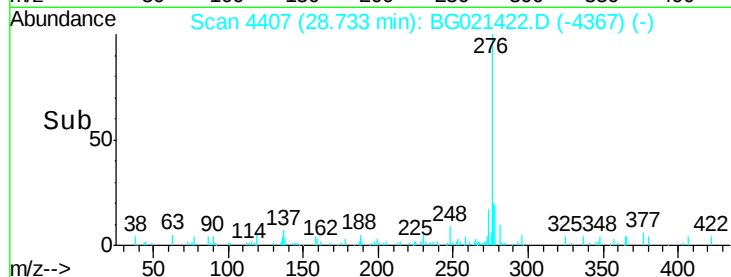
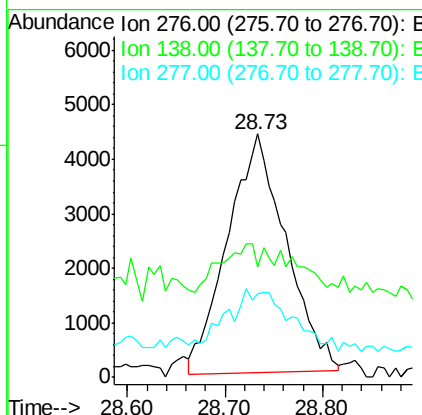
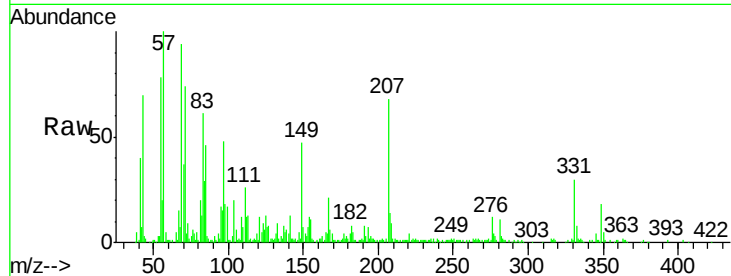
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.63 ng/ul
 RT: 28.73 min Scan# 4407
 Delta R.T. 0.04 min
 Lab File: BG021422.D
 Acq: 11 Mar 2016 16:49

Instrument :
 BNA_G
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 BLDG06-P002-SS001-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.1	15.8	23.6#
277	34.1	19.0	28.6#

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#94
 Benzo(g,h,i)perylene
 Concen: 3.14 ng/ul
 RT: 29.90 min Scan# 4606
 Delta R.T. 0.04 min
 Lab File: BG021422.D
 Acq: 11 Mar 2016 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.0	13.9	20.9#
277	30.4	19.8	29.6#

