

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021881.D
 Acq On : 12 May 2016 23:16
 Operator : UM/SJ
 Sample : H2936-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK8

Manual Integrations
 APPROVED

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Quant Time: May 13 08:09:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	308333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	217716	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	466426	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	458360	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	465313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5902	5.65	ng/uL	0.01
5) Phenol-d5	7.32	99	136764	36.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62854	33.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	123050	42.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	129182	41.13	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	64265	31.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	72880	56.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	132811	36.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	106741m	27.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	428758	28.04	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	566275	26.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	73881m	28.19	ng/ul	0.00
58) Fluorene-d10	15.79	176	388212	24.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	43199	33.43	ng/ul	0.00
71) Anthracene-d10	17.64	188	544224	23.97	ng/ul	0.00
77) Pyrene-d10	19.92	212	582606	27.15	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	557503	25.22	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	72046	4.63	ng/ul	97
70) Phenanthrene	17.58	178	30421	1.19	ng/ul	99
75) Fluoranthene	19.58	202	76097	2.63	ng/ul	96
78) Pyrene	19.94	202	70148m	2.65	ng/ul	
81) Benzo(a)anthracene	21.80	228	42456	1.66	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.69	149	34124	3.57	ng/ul	92
83) Chrysene	21.87	228	42255	1.67	ng/ul	95
86) Benzo(b)fluoranthene	24.10	252	63810	2.40	ng/ul#	91
89) Benzo(a)pyrene	25.01	252	40438	1.53	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.98	276	32432	1.03	ng/ul#	88

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

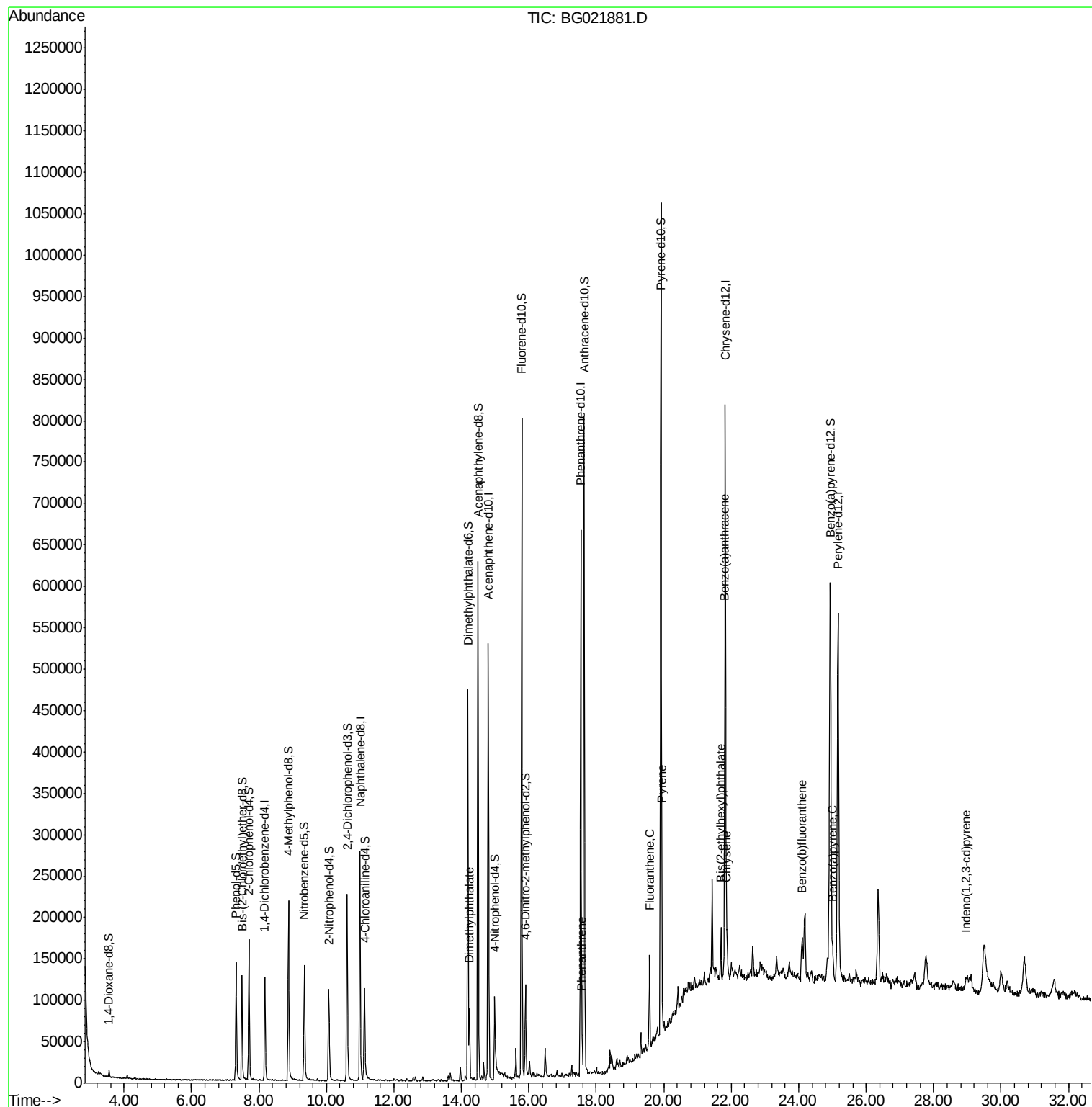
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021881.D
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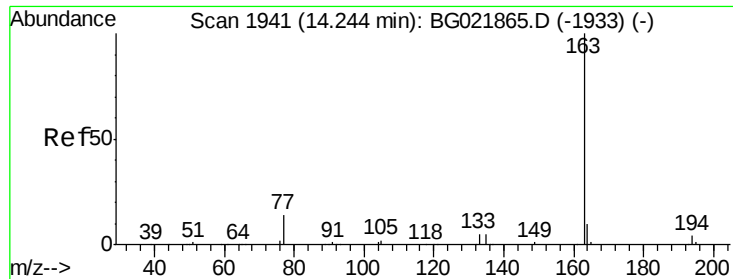
Instrument :
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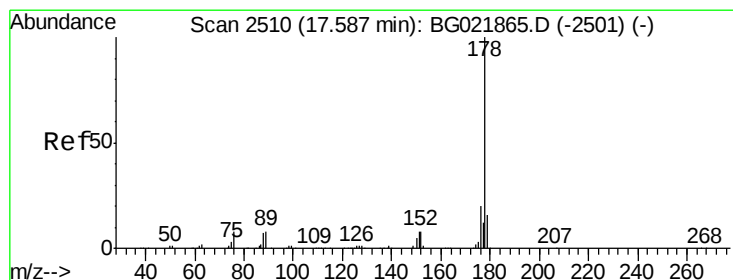
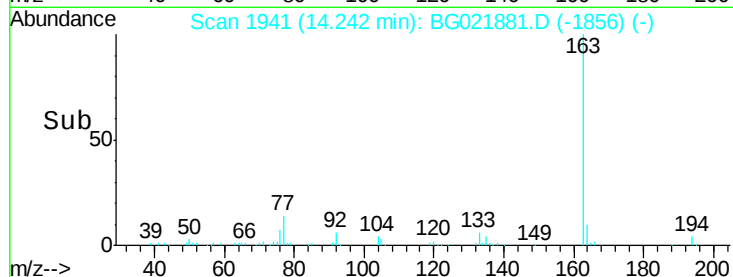
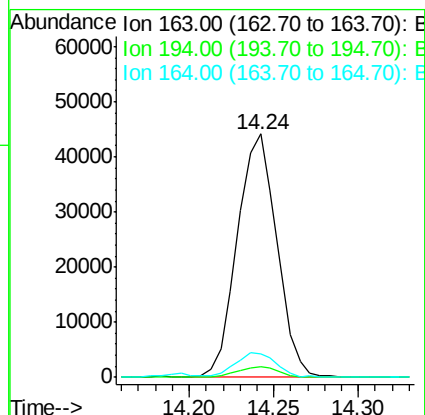
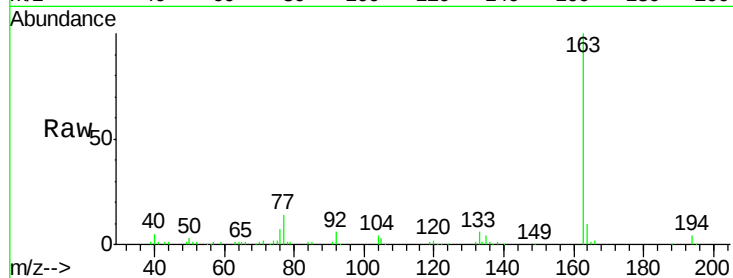
#45
Dimethylphthalate
Concen: 4.63 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021881.D
Acq: 12 May 2016 23:16

Instrument :
BNA_G
ClientSampleId :
D9WK8

Tgt Ion:	163	Resp:	72046
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.9	5.9
164	9.7	8.7	13.1

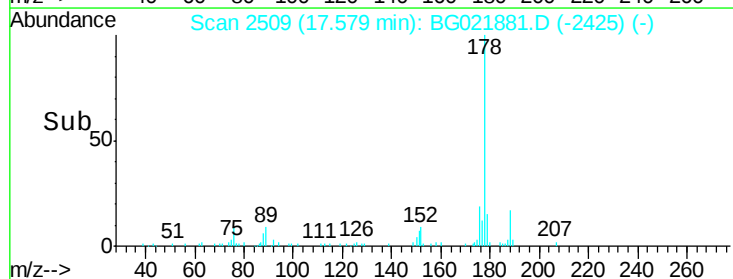
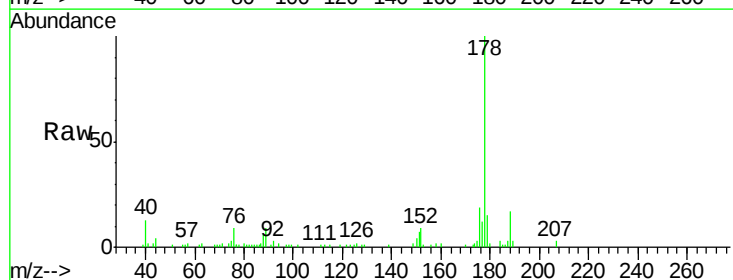
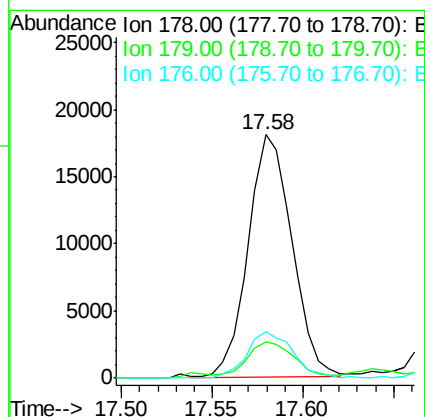
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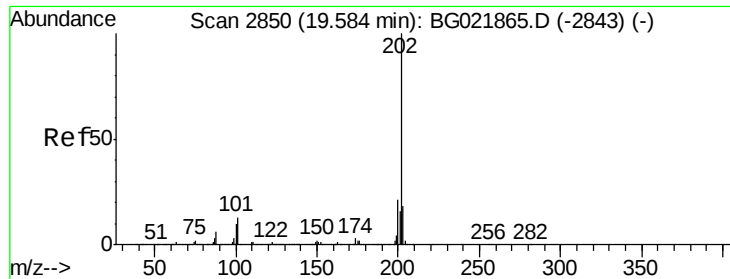
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#70
Phenanthrene
Concen: 1.19 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021881.D
Acq: 12 May 2016 23:16

Tgt Ion:	178	Resp:	30421
Ion Ratio	Lower	Upper	
178	100		
179	14.9	11.8	17.8
176	18.8	14.8	22.2





#75

Fluoranthene

Concen: 2.63 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021881.D

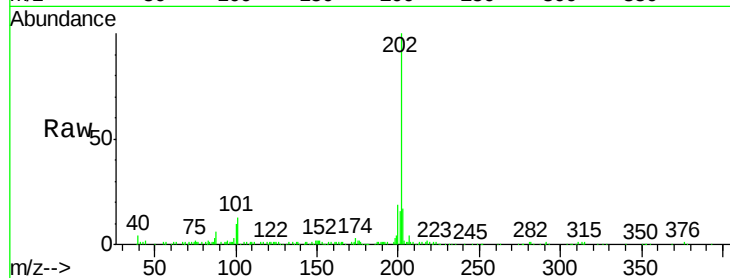
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Instrument :

BNA_G

ClientSampleId :

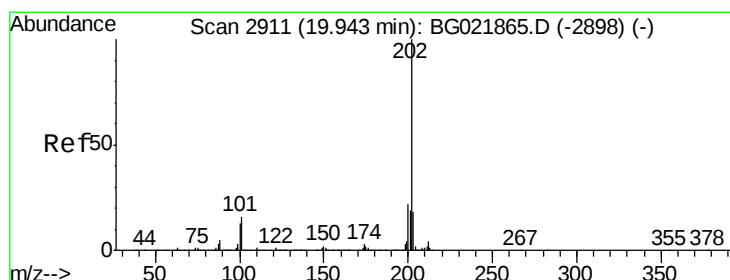
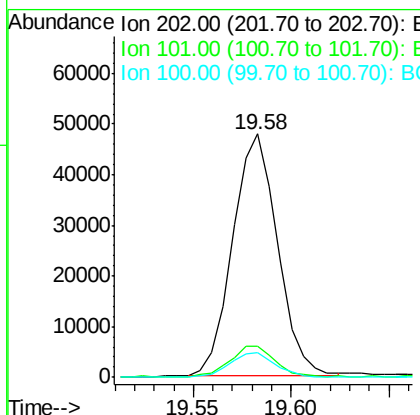
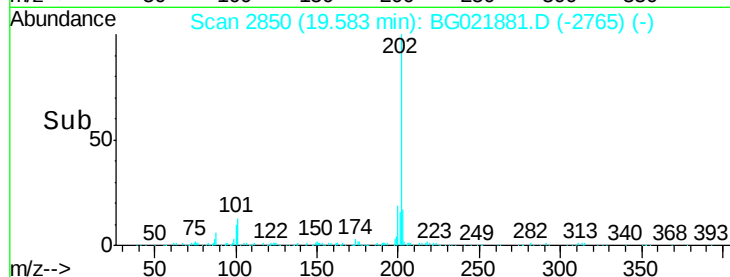
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	76097		
101	12.6	8.9	13.3	
100	10.3	7.0	10.4	

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#78

Pyrene

Concen: 2.65 ng/ul m

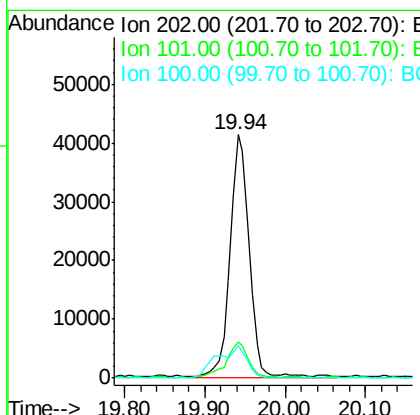
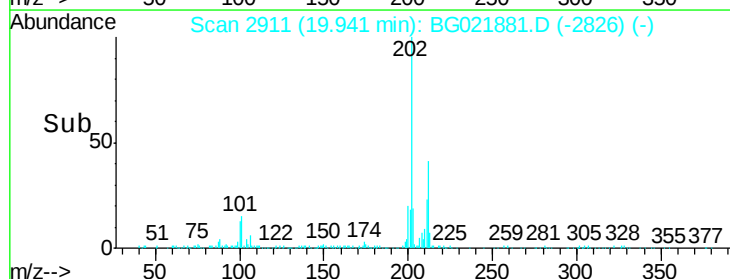
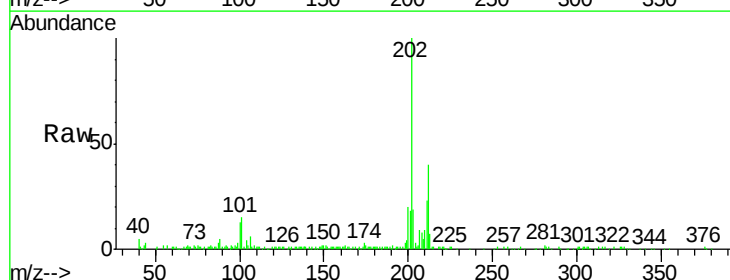
RT: 19.94 min Scan# 2911

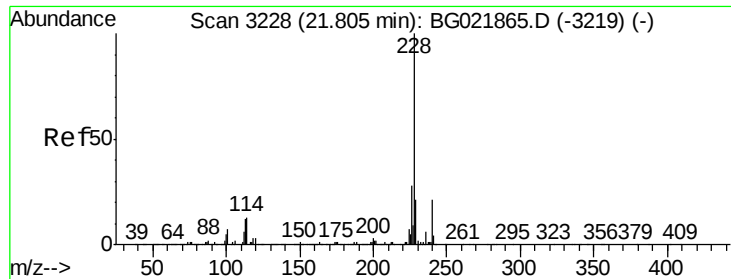
Delta R.T. -0.00 min

Lab File: BG021881.D

Acq: 12 May 2016 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	70148		
101	14.9	9.8	14.8#	
100	13.1	9.3	13.9	





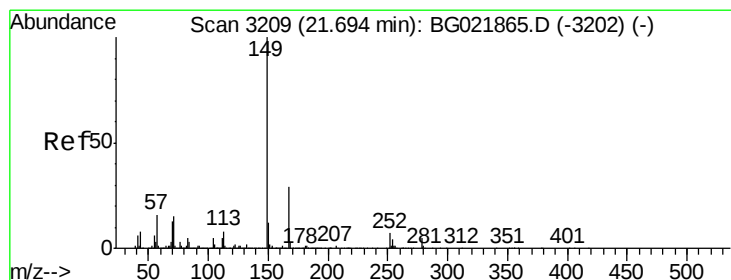
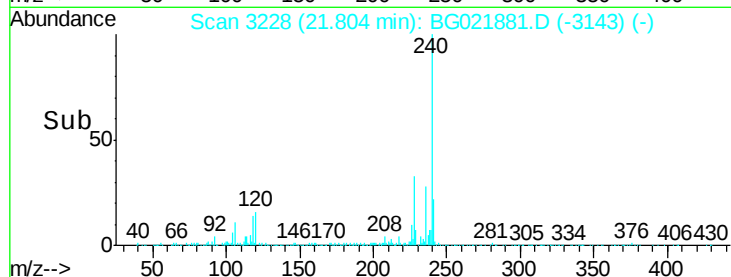
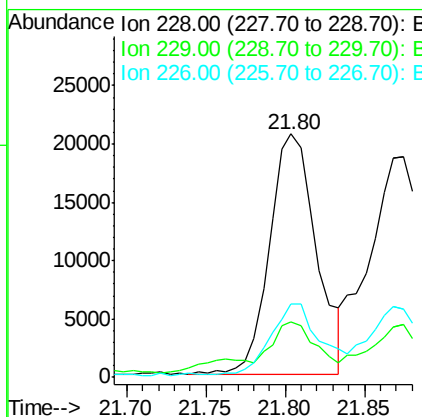
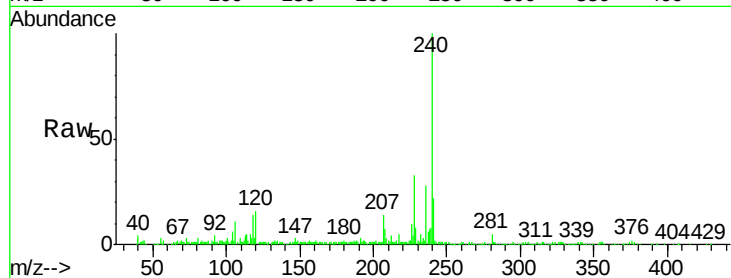
#81
Benzo(a)anthracene
Concen: 1.66 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021881.D
Acq: 12 May 2016 23:16

Instrument :
BNA_G
ClientSampleId :
D9WK8

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.6	25.0
226	30.0	21.0	31.4

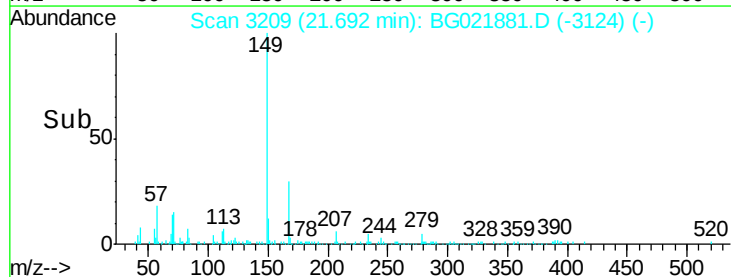
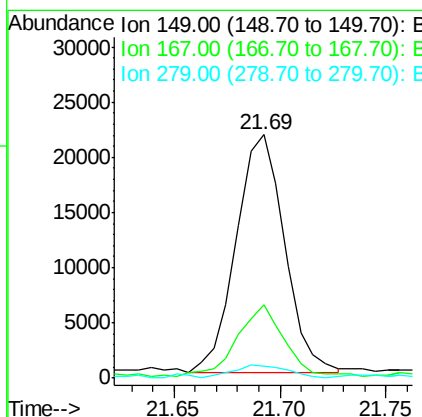
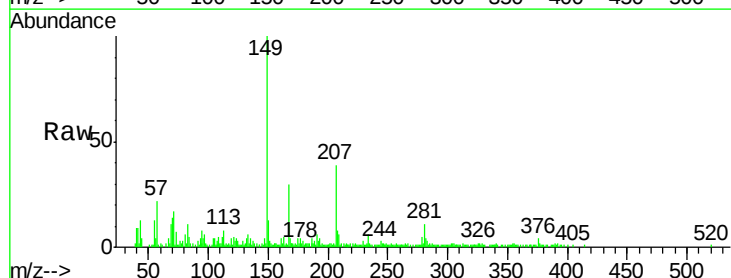
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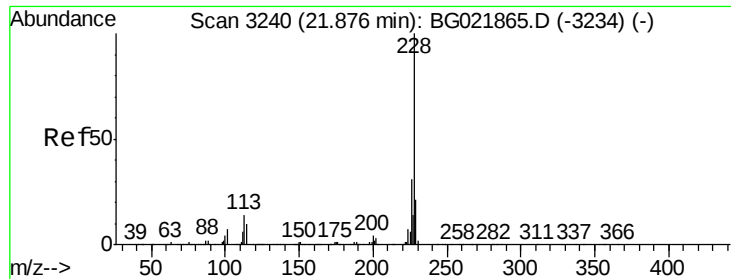
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#82
Bis(2-ethylhexyl)phthalate
Concen: 3.57 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG021881.D
Acq: 12 May 2016 23:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	20.5	30.7
279	5.0	3.7	5.5





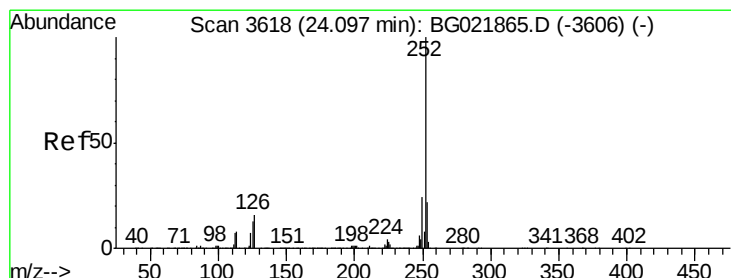
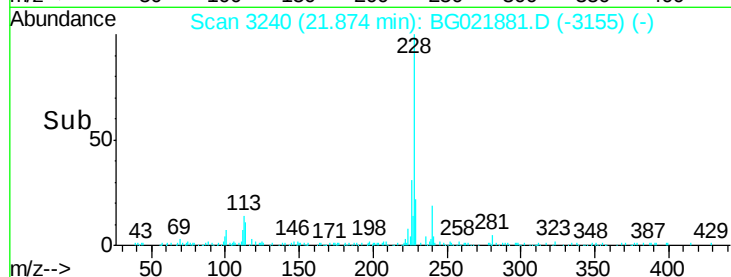
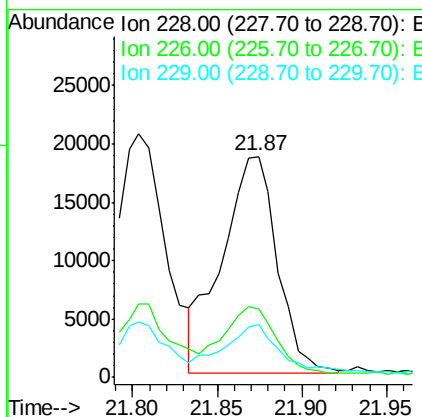
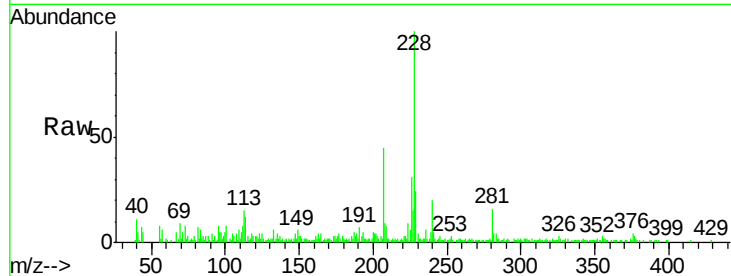
#83
Chrysene
Concen: 1.67 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG021881.D
Acq: 12 May 2016 23:16

Instrument :
BNA_G
ClientSampleId :
D9WK8

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	42255		
226	30.7		23.4	35.2
229	24.2		16.2	24.2

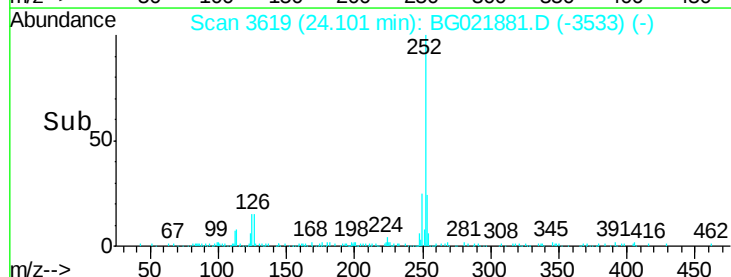
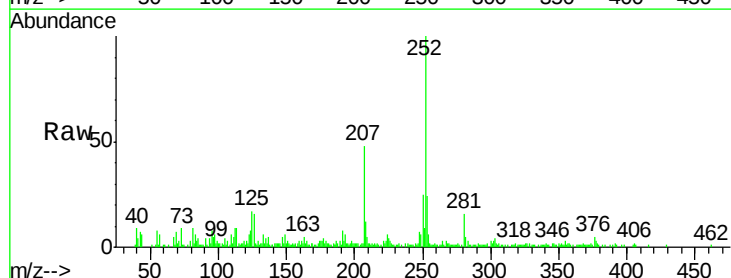
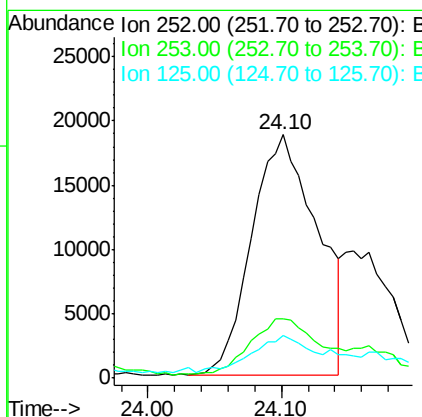
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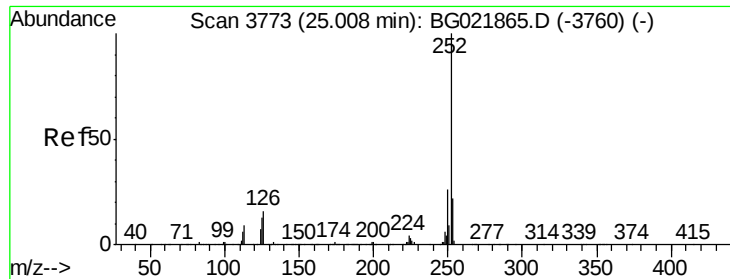
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#86
Benzo(b)fluoranthene
Concen: 2.40 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.00 min
Lab File: BG021881.D
Acq: 12 May 2016 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63810		
253	24.3		18.1	27.1
125	17.3		7.6	11.4#





#89

Benzo(a)pyrene

Concen: 1.53 ng/ul

RT: 25.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BG021881.D

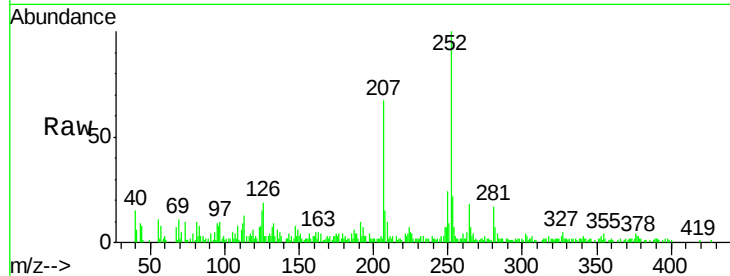
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Instrument :

BNA_G

ClientSampleId :

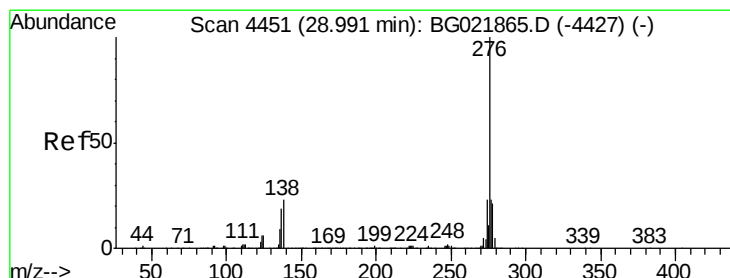
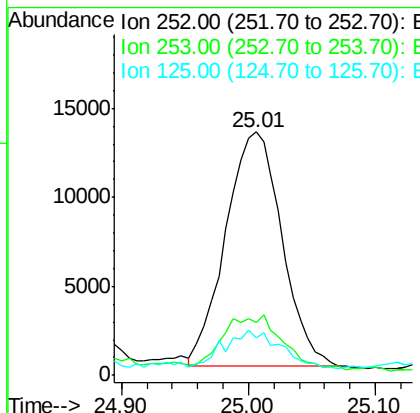
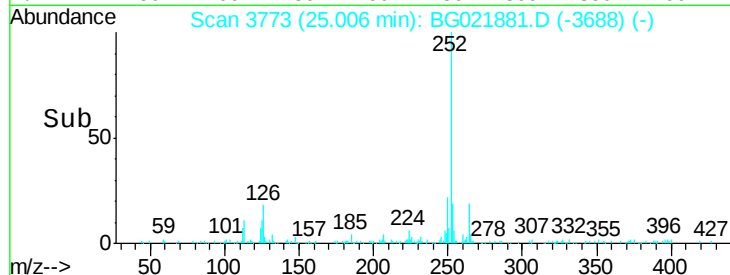
D9WK8



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	15.2	8.2	12.2

Manual Integrations
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#90

Indeno(1,2,3-cd)pyrene

Concen: 1.03 ng/ul

RT: 28.98 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG021881.D

Acq: 12 May 2016 23:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.8	23.6
277	26.4	19.0	28.6

