

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021843.D
 Acq On : 11 May 2016 14:20
 Operator : UM/SJ
 Sample : H2937-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X89

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:30:15 PM

Quant Time: May 12 06:40:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	68715	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	373004	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	225517	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	479191	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	481223	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	466784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4142	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	86550	16.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	41034	16.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	79954	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	70321	16.42	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41201	16.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	42148	27.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	84736	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	93418m	19.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	291492m	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	397603	17.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	36844m	13.57	ng/ul	0.00
58) Fluorene-d10	15.79	176	266273	15.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	29872	22.50	ng/ul	0.00
71) Anthracene-d10	17.64	188	373449	16.01	ng/ul	0.00
77) Pyrene-d10	19.92	212	407038	18.07	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	376522	16.98	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	34976	2.17	ng/ul#	99
70) Phenanthrene	17.59	178	28292	1.08	ng/ul	97
75) Fluoranthene	19.59	202	68715	2.31	ng/ul#	95
78) Pyrene	19.95	202	62191	2.23	ng/ul	96
81) Benzo(a)anthracene	21.81	228	38513	1.44	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	10314	1.03	ng/ul	93
83) Chrysene	21.88	228	42300m	1.60	ng/ul	
86) Benzo(b)fluoranthene	24.11	252	57303m	2.14	ng/ul	
87) Benzo(k)fluoranthene	24.15	252	31480m	1.10	ng/ul	
89) Benzo(a)pyrene	25.01	252	38146	1.43	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.99	276	34242m	1.09	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	34390m	1.32	ng/ul	

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

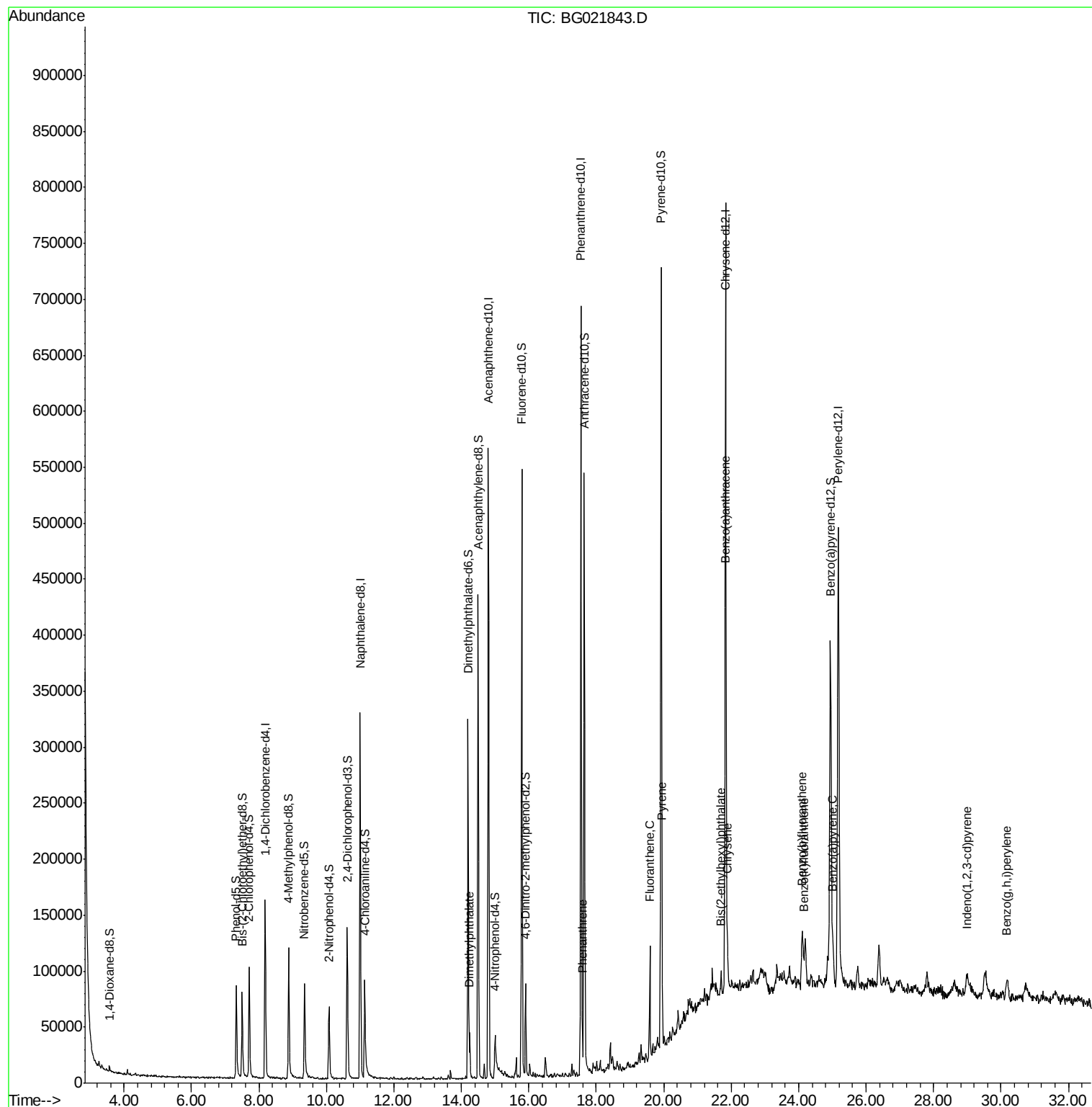
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

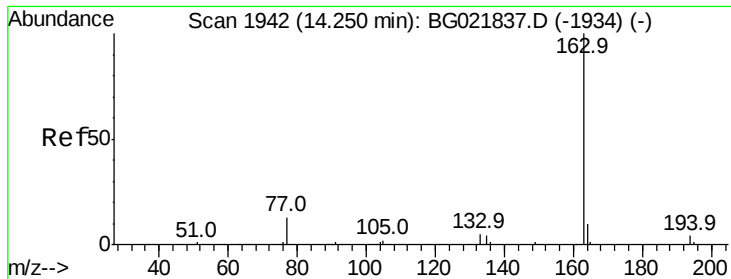
Instrument :
BNA_G
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D9X89

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Quant Time: May 12 06:40:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.17 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

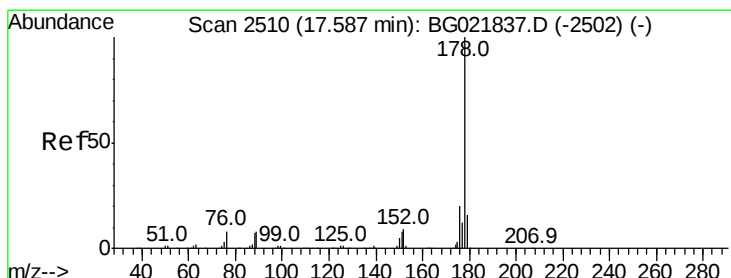
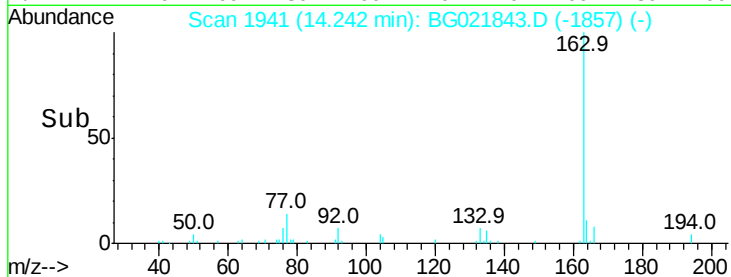
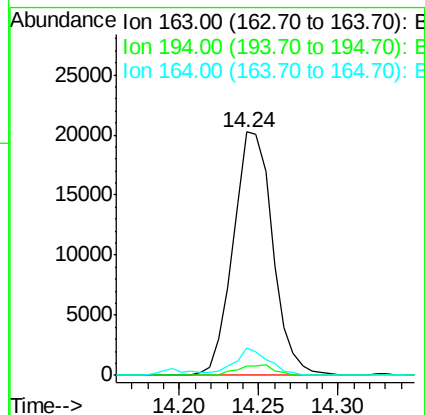
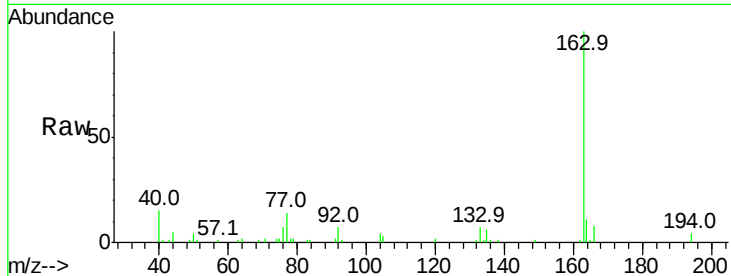
ClientSampled :

D9X89

Tot Ion:	163	Resp:	34976
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.9	5.9#
164	11.0	8.7	13.1

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#70

Phenanthrene

Concen: 1.08 ng/ul

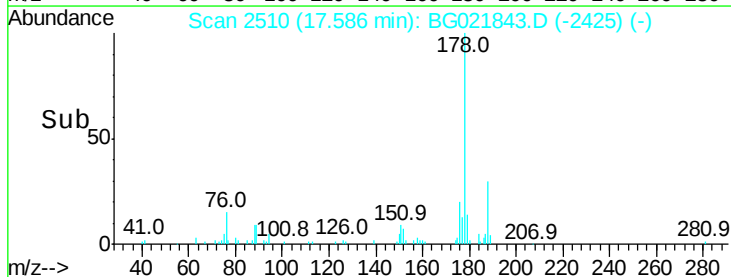
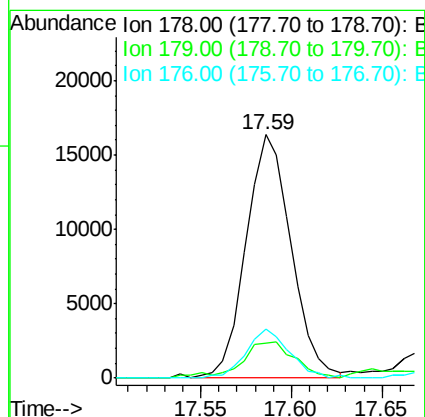
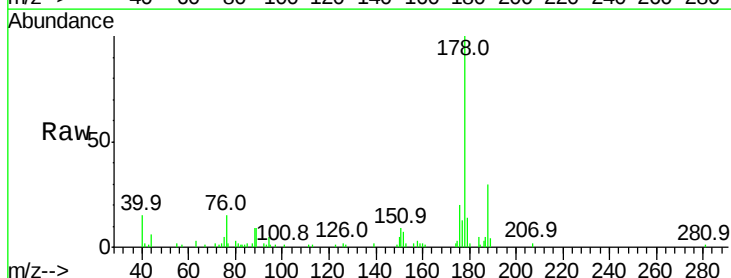
RT: 17.59 min Scan# 2510

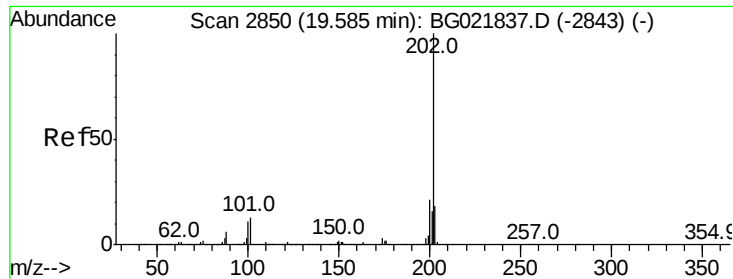
Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Tgt Ion:	178	Resp:	28292
Ion Ratio	Lower	Upper	
178	100		
179	14.3	11.8	17.8
176	20.2	14.8	22.2





#75

Fluoranthene

Concen: 2.31 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

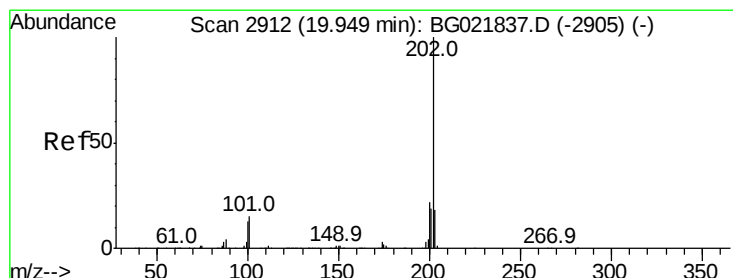
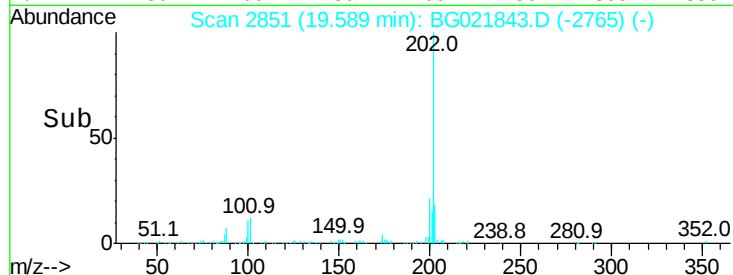
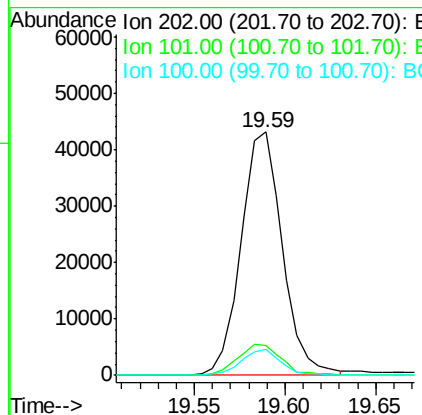
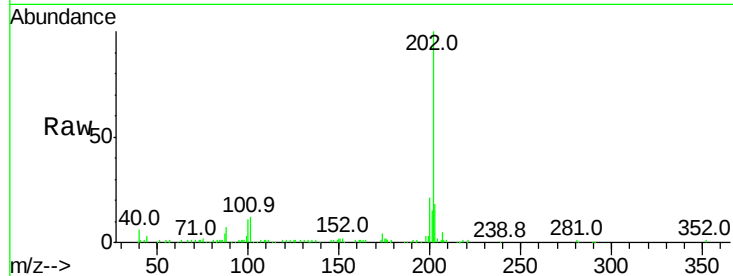
ClientSampleId :

D9X89

Tot Ion:	202	Resp:	68715
Ion Ratio	Lower	Upper	
202	100		
101	12.4	8.9	13.3
100	10.9	7.0	10.4

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#78

Pyrene

Concen: 2.23 ng/ul

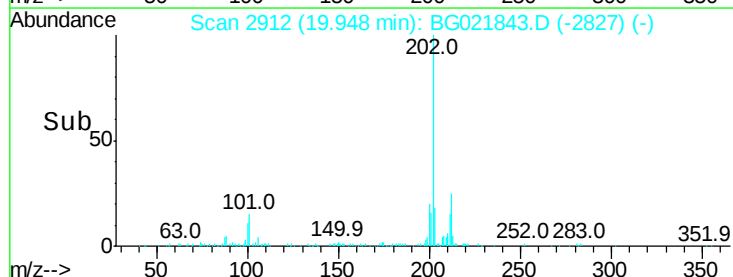
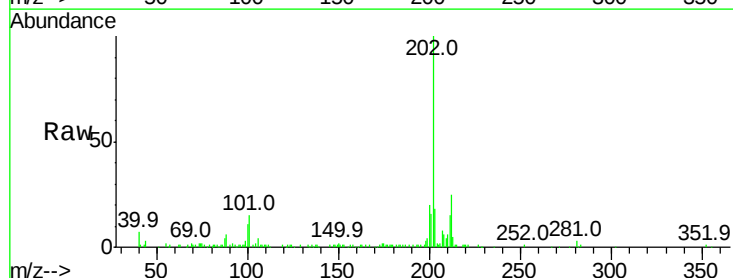
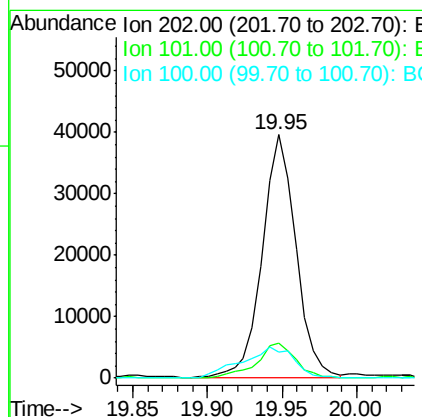
RT: 19.95 min Scan# 2912

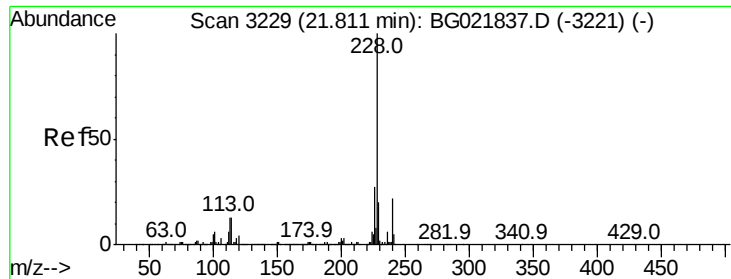
Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Tgt Ion:	202	Resp:	62191
Ion Ratio	Lower	Upper	
202	100		
101	14.6	9.8	14.8
100	10.8	9.3	13.9





#81

Benzo(a)anthracene

Concen: 1.44 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

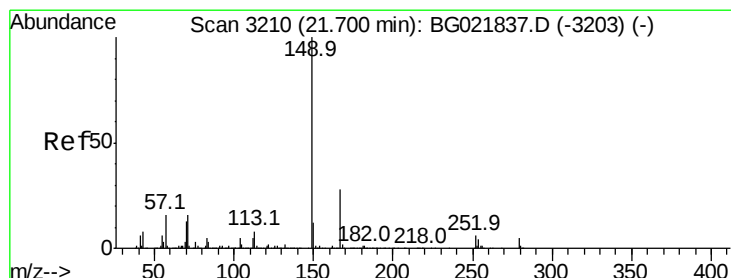
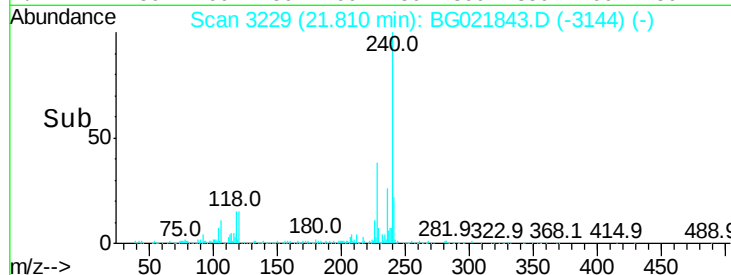
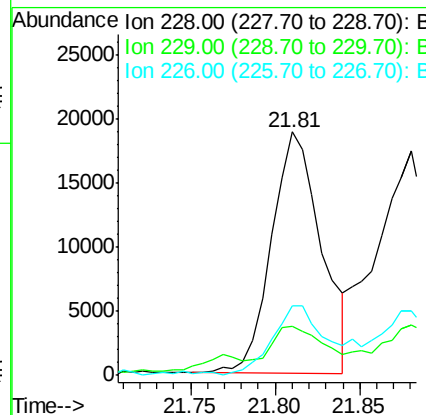
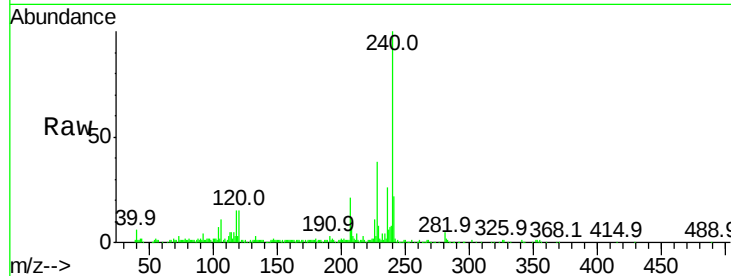
ClientSampleId :

D9X89

Tot Ion:	228	Resp:	38513
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.6	25.0
226	28.4	21.0	31.4

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#82

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng/ul

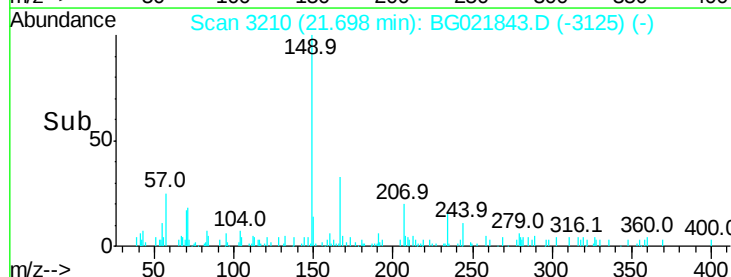
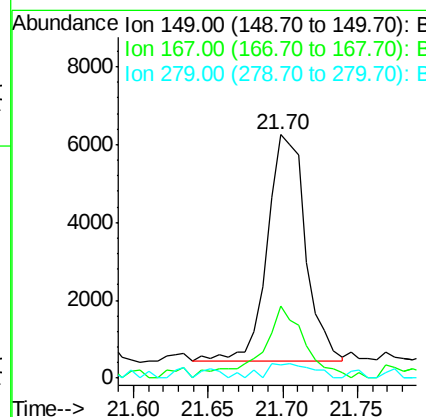
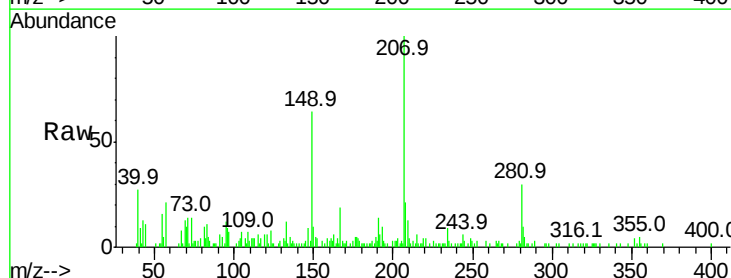
RT: 21.70 min Scan# 3210

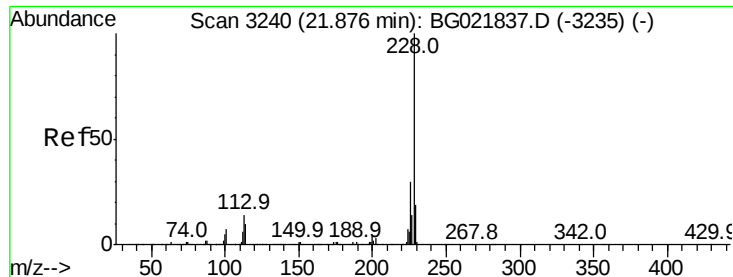
Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Tgt Ion:	149	Resp:	10314
Ion Ratio	Lower	Upper	
149	100		
167	29.7	20.5	30.7
279	5.3	3.7	5.5





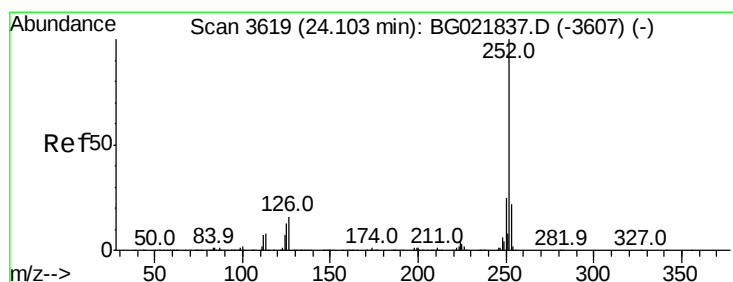
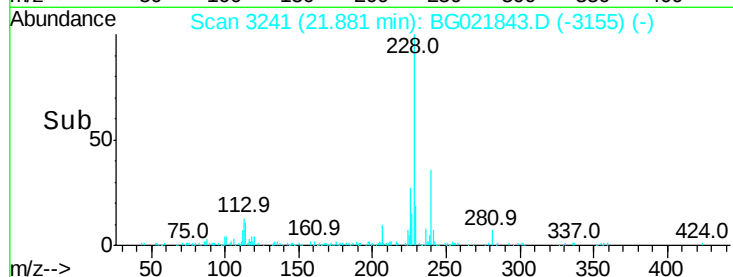
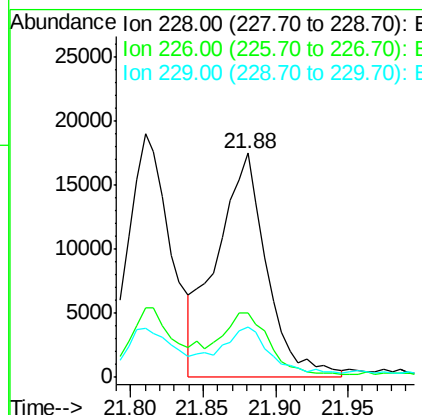
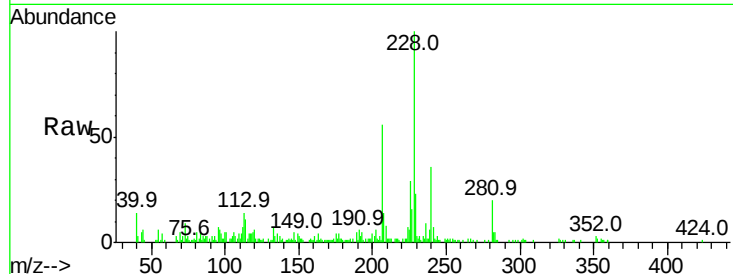
#83
Chrysene
Concen: 1.60 ng/ul m
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG021843.D
Acq: 11 May 2016 14:20

Instrument :
BNA_G
ClientSampled :
D9X89

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	22.5	16.2	24.2

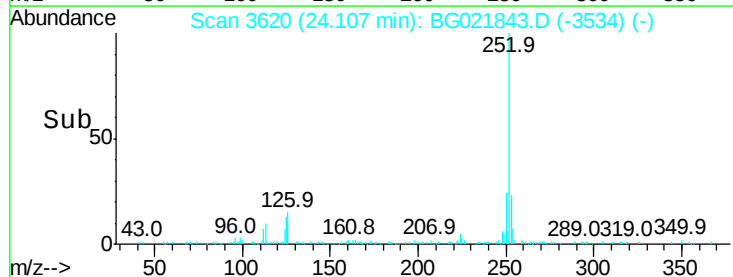
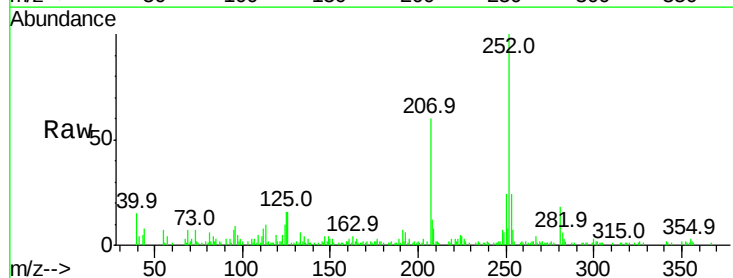
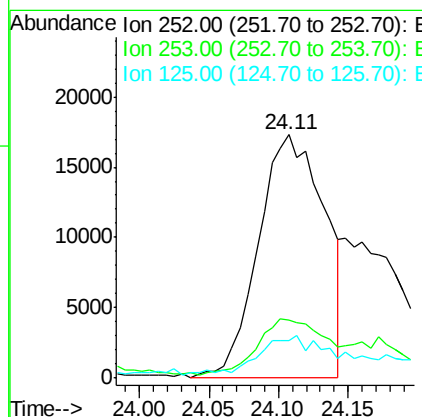
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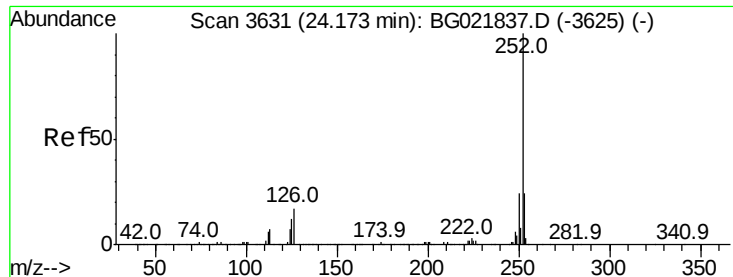
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#86
Benzo(b)fluoranthene
Concen: 2.14 ng/ul m
RT: 24.11 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BG021843.D
Acq: 11 May 2016 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.7	7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 1.10 ng/ul m

RT: 24.15 min Scan# 3627

Delta R.T. -0.02 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

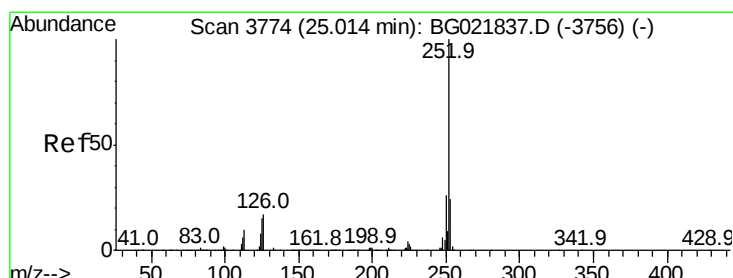
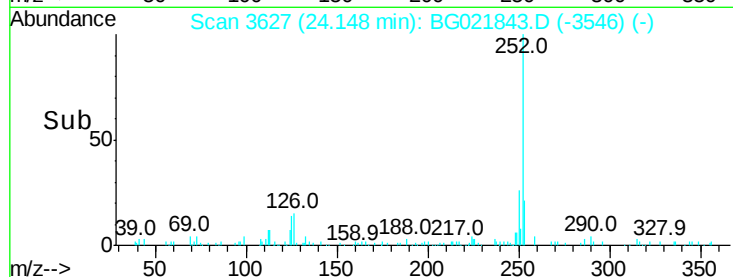
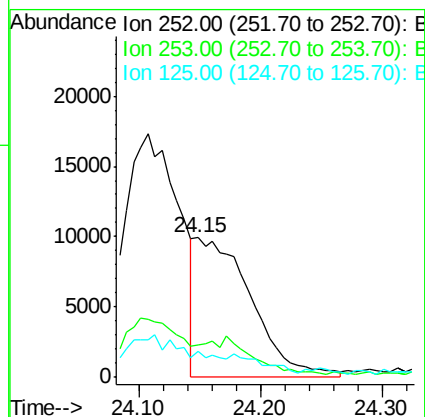
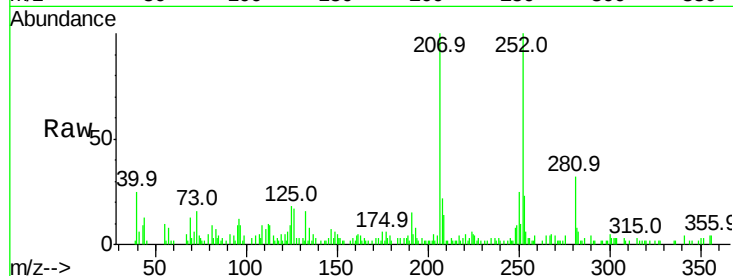
ClientSampleId :

D9X89

Tot Ion:	252	Resp:	31480
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	18.4	7.7	11.5#

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#89

Benzo(a)pyrene

Concen: 1.43 ng/ul

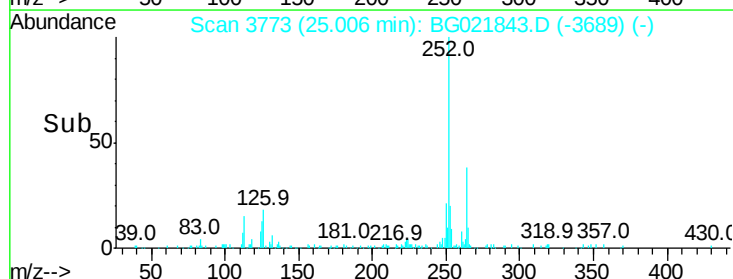
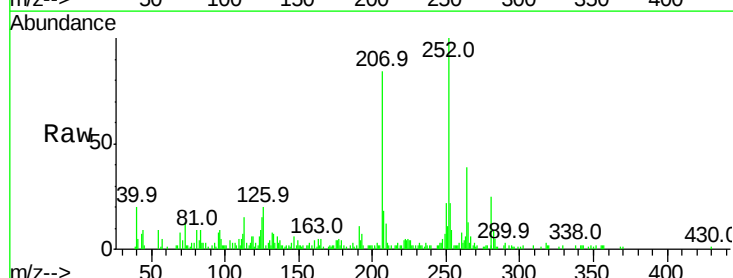
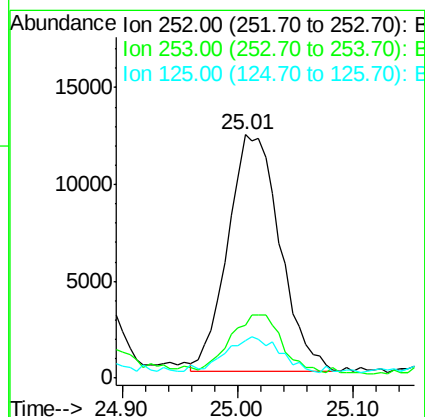
RT: 25.01 min Scan# 3773

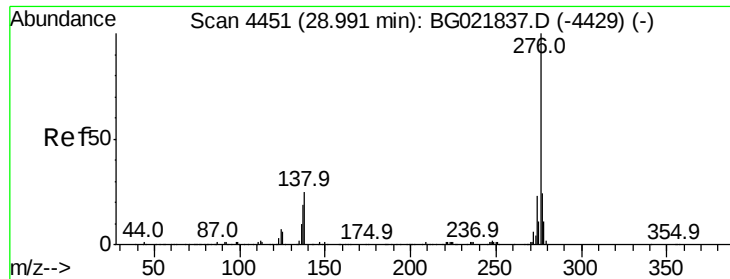
Delta R.T. -0.01 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Tgt Ion:	252	Resp:	38146
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	15.3	8.2	12.2#





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.09 ng/ul m

RT: 28.99 min Scan# 4451

Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

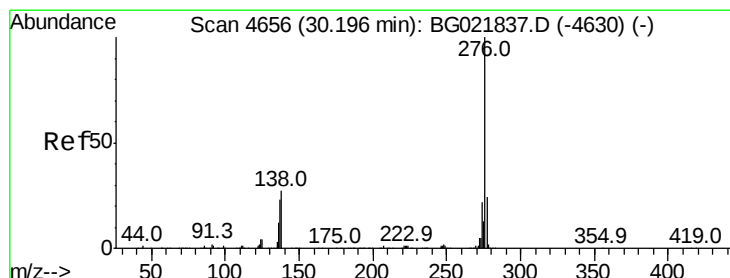
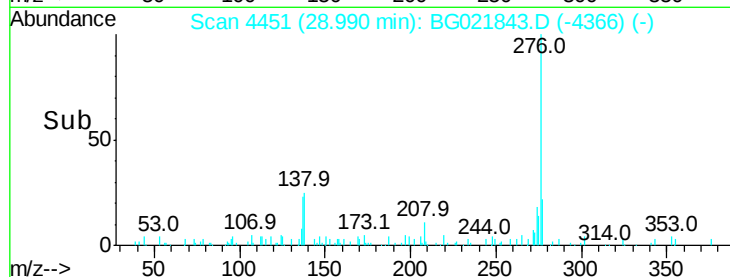
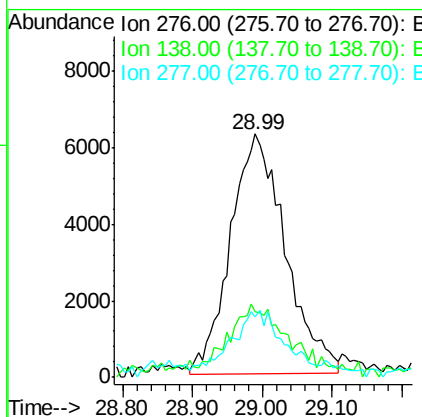
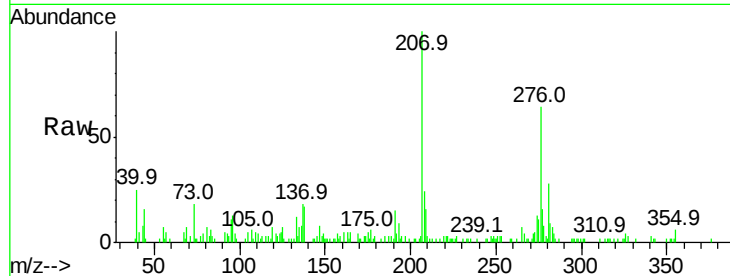
ClientSampleId :

D9X89

Tot Ion:	276	Resp:	34242
Ion Ratio	Lower	Upper	
276	100		
138	27.1	15.8	23.6#
277	24.7	19.0	28.6

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#92

Benzo(g,h,i)perylene

Concen: 1.32 ng/ul m

RT: 30.18 min Scan# 4653

Delta R.T. -0.02 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Tgt Ion:	276	Resp:	34390
Ion Ratio	Lower	Upper	
276	100		
138	30.6	13.9	20.9#
277	18.8	19.8	29.6#

