

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021821.D
 Acq On : 10 May 2016 18:02
 Operator : UM/SJ
 Sample : H2938-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA9

Manual Integrations
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Quant Time: May 11 11:50:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	67421	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	369346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	219122	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	470751	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	498882	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	482287	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6127	4.39	ng/uL	0.00
5) Phenol-d5	7.33	99	121467	24.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	60261	24.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	110439	28.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	94977m	22.60	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	58267	24.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	53802	35.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	109630	25.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	97496m	20.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	390760	25.39	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	526356	24.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	62649m	23.75	ng/ul	0.00
58) Fluorene-d10	15.79	176	365266	22.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39180	30.05	ng/ul	0.00
71) Anthracene-d10	17.64	188	525582	22.94	ng/ul	0.00
77) Pyrene-d10	19.92	212	607870	26.03	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	560440	24.46	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	82005	5.23	ng/ul#	99
70) Phenanthrene	17.59	178	26538	1.03	ng/ul#	90
75) Fluoranthene	19.58	202	72510	2.48	ng/ul#	95
78) Pyrene	19.95	202	57302m	1.99	ng/ul	
81) Benzo(a)anthracene	21.80	228	34419	1.24	ng/ul	95
83) Chrysene	21.87	228	41416m	1.51	ng/ul	
86) Benzo(b)fluoranthene	24.10	252	65451	2.37	ng/ul#	87
89) Benzo(a)pyrene	25.00	252	36729	1.34	ng/ul#	88
90) Indeno(1,2,3-cd)pyrene	28.95	276	42168m	1.29	ng/ul	
92) Benzo(g,h,i)perylene	30.15	276	41158m	1.53	ng/ul	

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

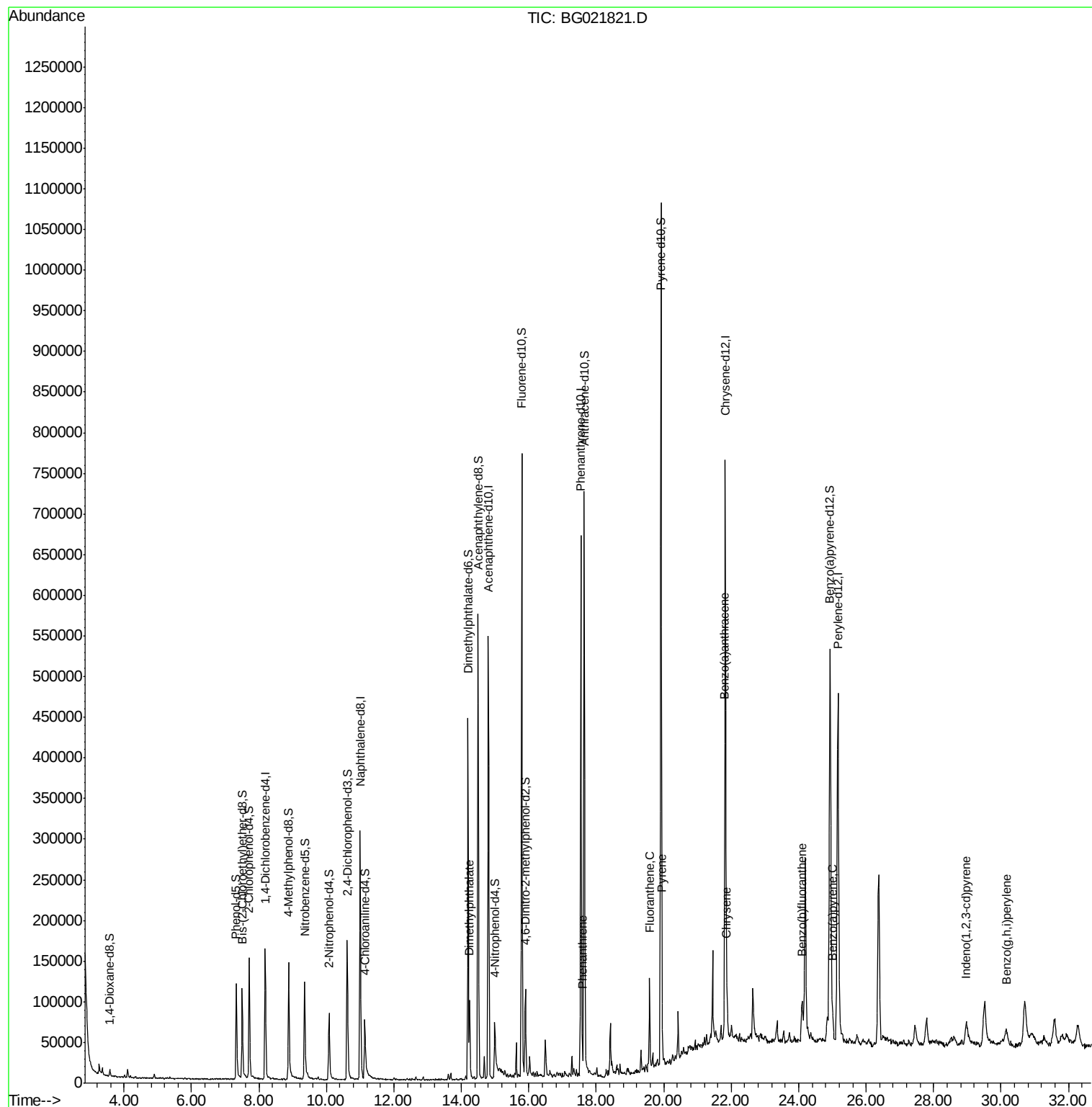
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
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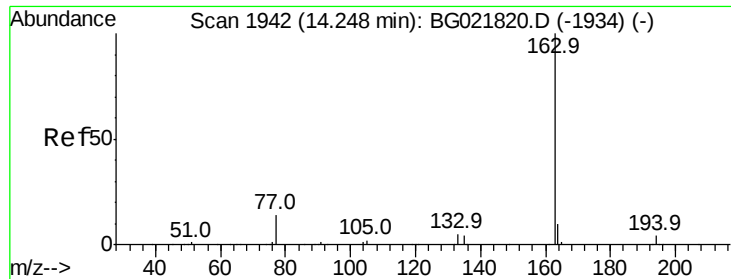
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Quant Time: May 11 11:50:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.23 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG021821.D

Acq: 10 May 2016 18:02

Instrument :

BNA_G

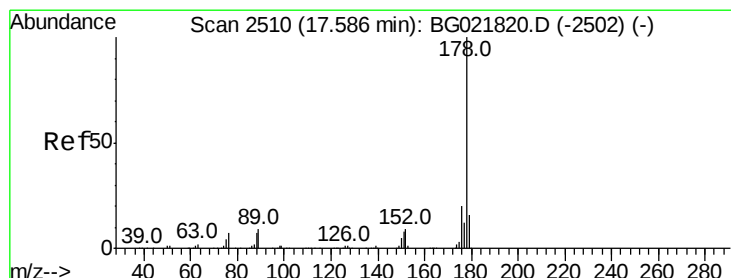
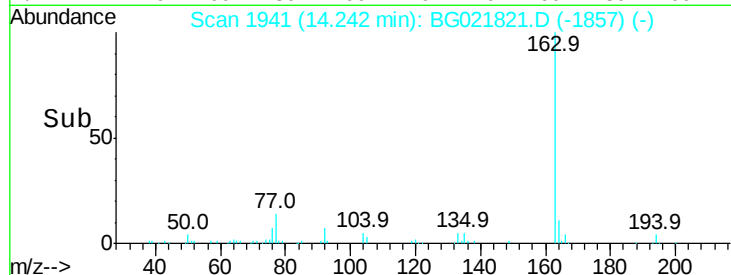
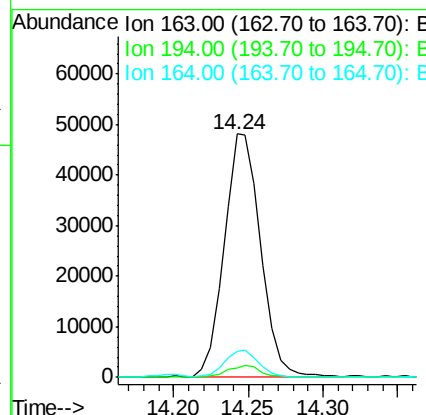
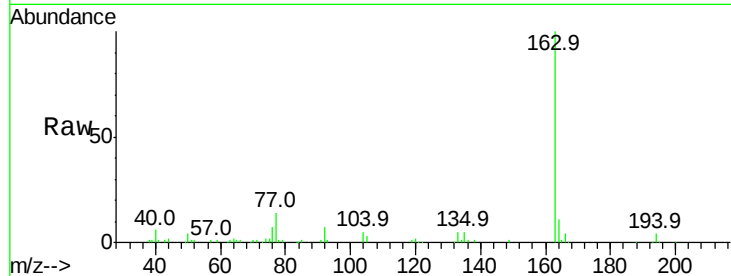
ClientSampleId :

D9XA9

Tot Ion:	163	Resp:	82005
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.9	5.9#
164	10.6	8.7	13.1

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#70

Phenanthrene

Concen: 1.03 ng/ul

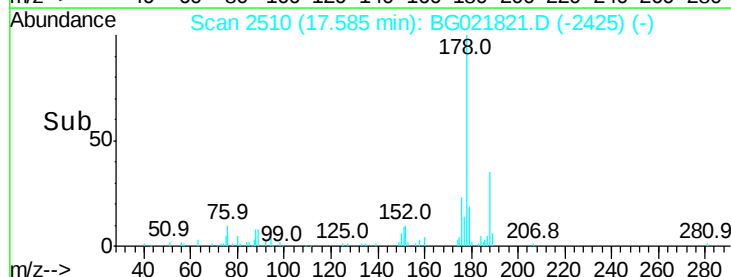
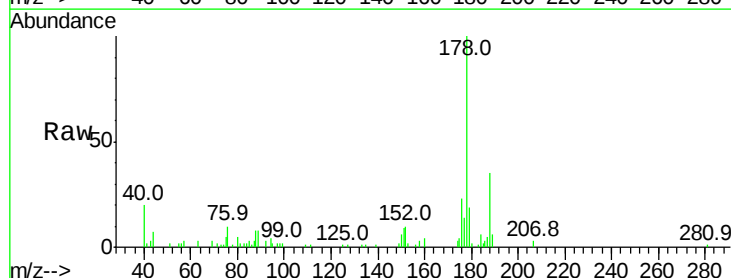
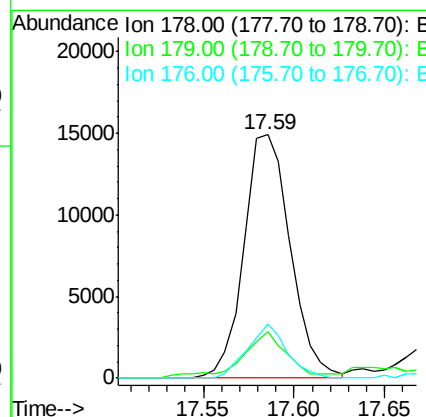
RT: 17.59 min Scan# 2510

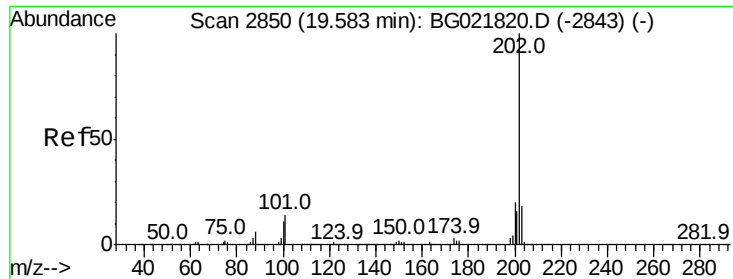
Delta R.T. -0.00 min

Lab File: BG021821.D

Acq: 10 May 2016 18:02

Tgt Ion:	178	Resp:	26538
Ion Ratio	Lower	Upper	
178	100		
179	19.2	11.8	17.8#
176	22.5	14.8	22.2#





#75

Fluoranthene

Concen: 2.48 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021821.D

Acq: 10 May 2016 18:02

Instrument :

BNA_G

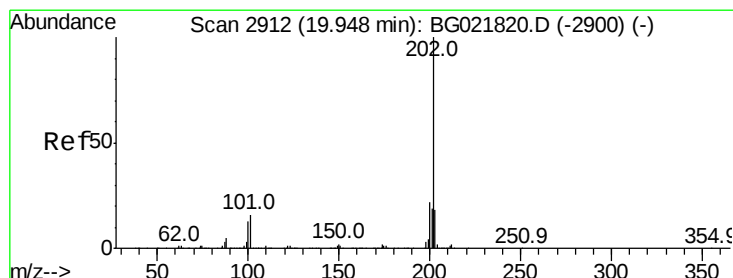
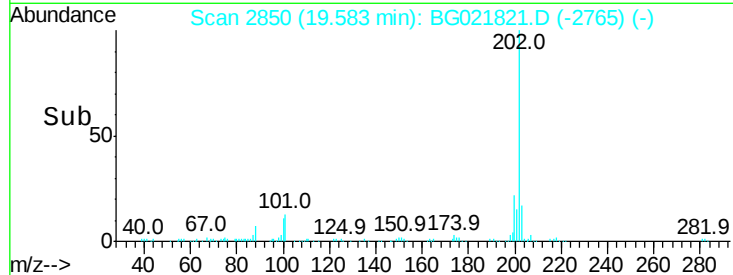
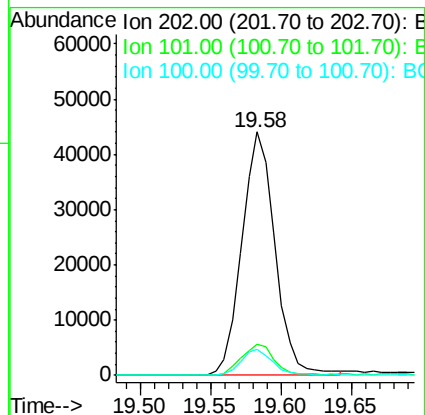
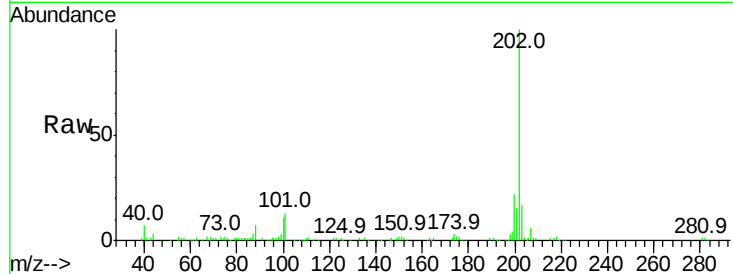
ClientSampleId :

D9XA9

Tot Ion:	202	Resp:	72510
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.9	13.3
100	10.7	7.0	10.4

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#78

Pyrene

Concen: 1.99 ng/ul m

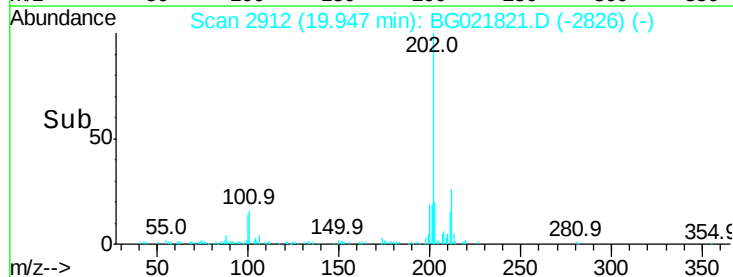
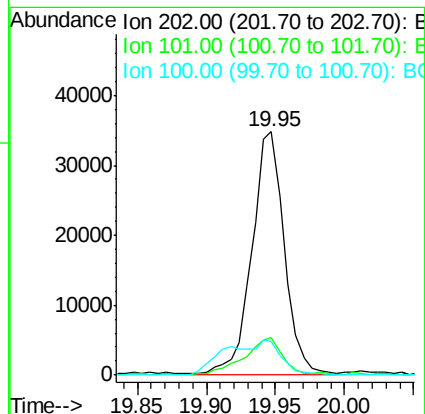
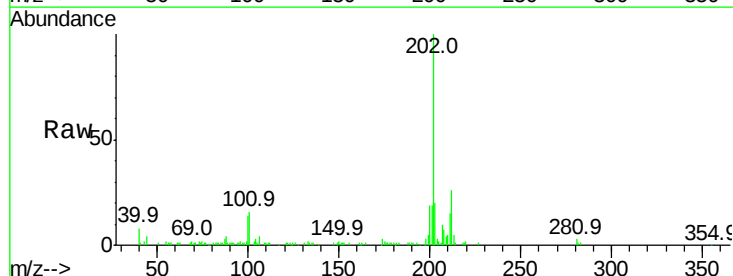
RT: 19.95 min Scan# 2912

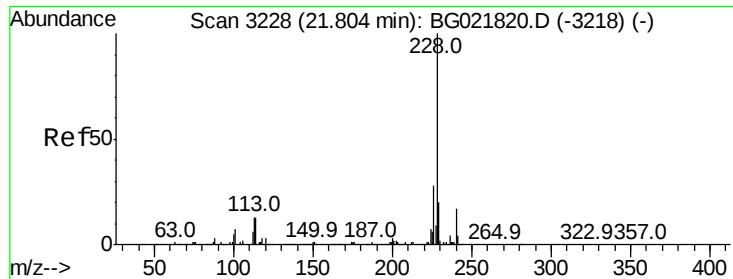
Delta R.T. 0.01 min

Lab File: BG021821.D

Acq: 10 May 2016 18:02

Tgt Ion:	202	Resp:	57302
Ion Ratio	Lower	Upper	
202	100		
101	15.5	9.8	14.8
100	13.6	9.3	13.9





#81

Benzo(a)anthracene

Concen: 1.24 ng/ul

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG021821.D

Acq: 10 May 2016 18:02

Instrument :

BNA_G

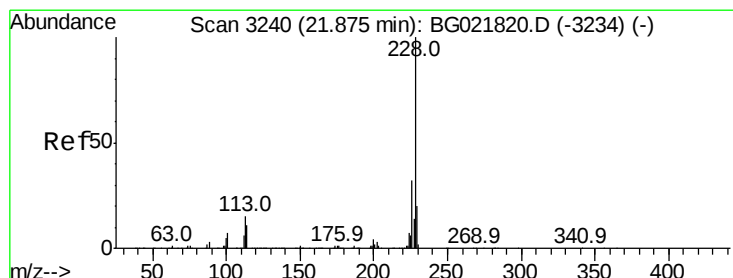
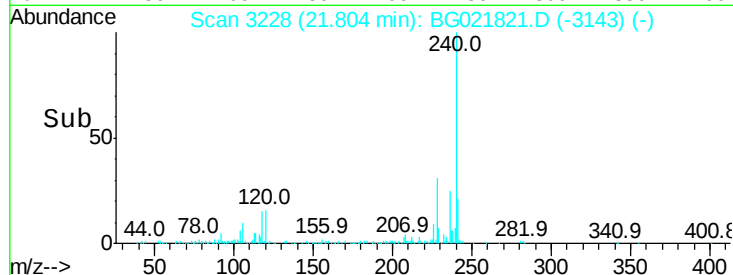
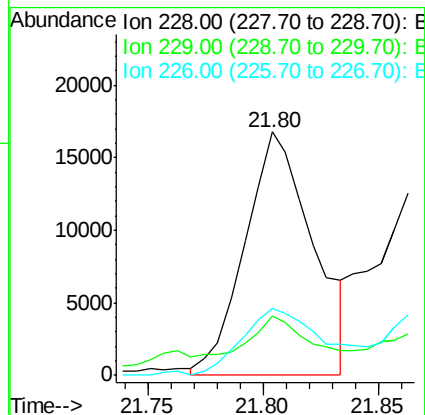
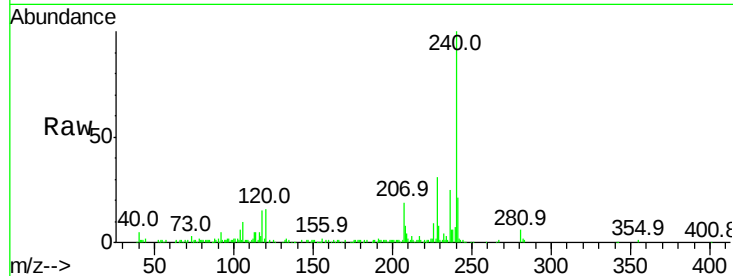
ClientSampleId :

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Tot Ion:	228	Resp:	34419
Ion Ratio	Lower	Upper	
228	100		
229	24.3	16.6	25.0
226	27.5	21.0	31.4

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#83

Chrysene

Concen: 1.51 ng/ul m

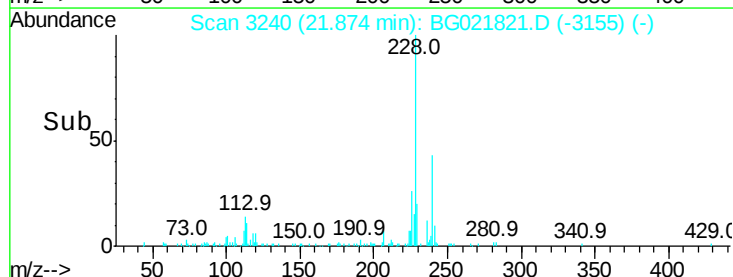
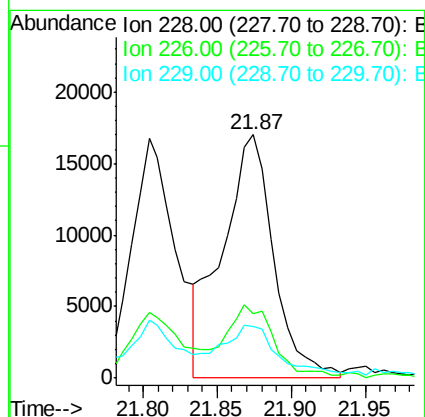
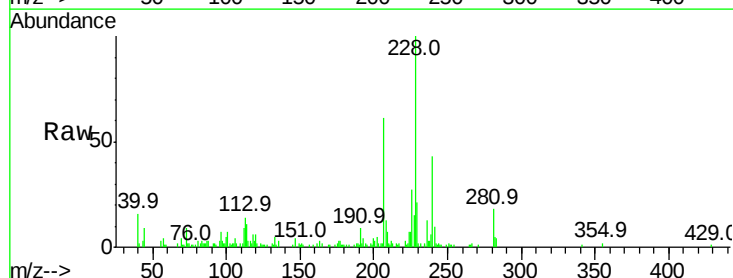
RT: 21.87 min Scan# 3240

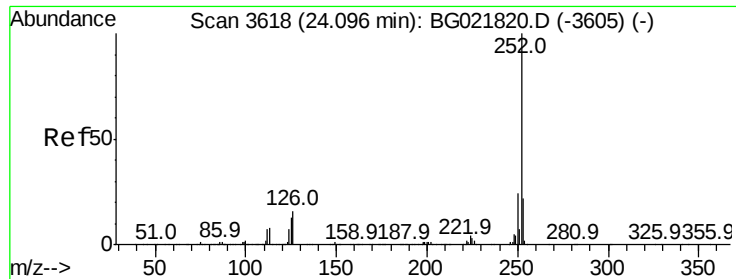
Delta R.T. -0.00 min

Lab File: BG021821.D

Acq: 10 May 2016 18:02

Tgt Ion:	228	Resp:	41416
Ion Ratio	Lower	Upper	
228	100		
226	26.6	23.4	35.2
229	21.3	16.2	24.2





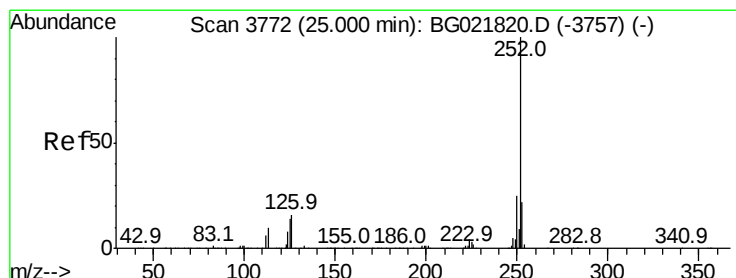
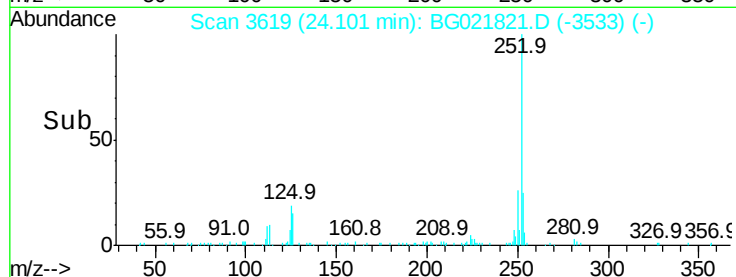
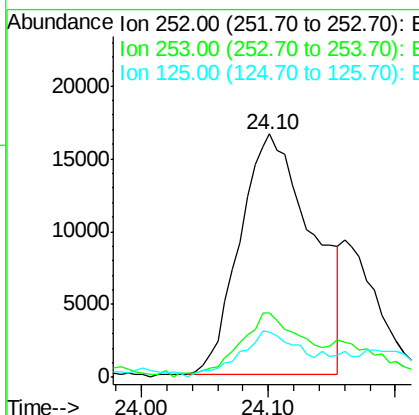
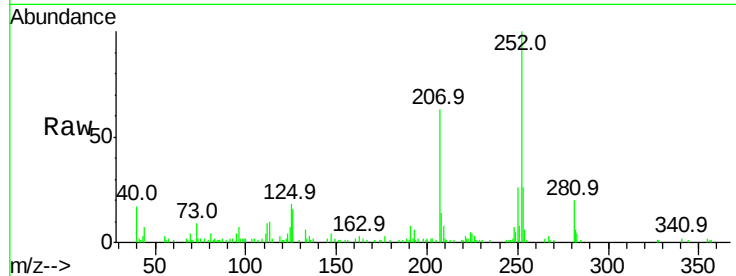
#86
Benzo(b)fluoranthene
Concen: 2.37 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021821.D
Acq: 10 May 2016 18:02

Instrument :
BNA_G
ClientSampleId :
D9XA9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.4	18.1	27.1
125	18.4	7.6	11.4

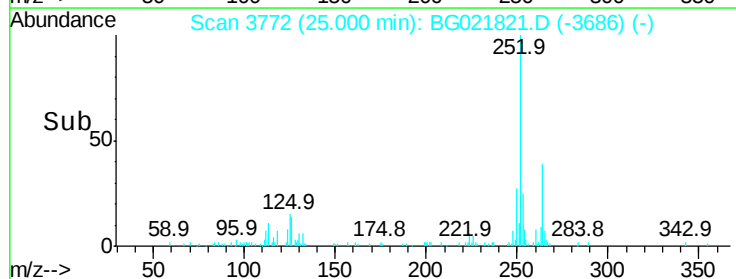
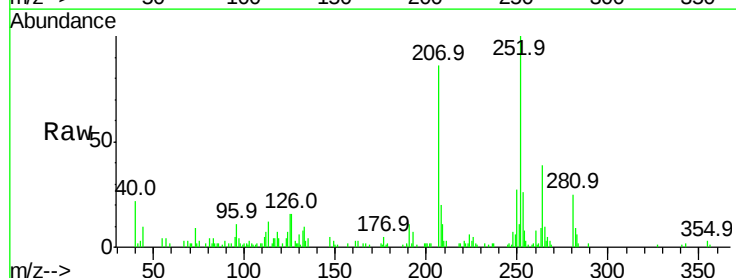
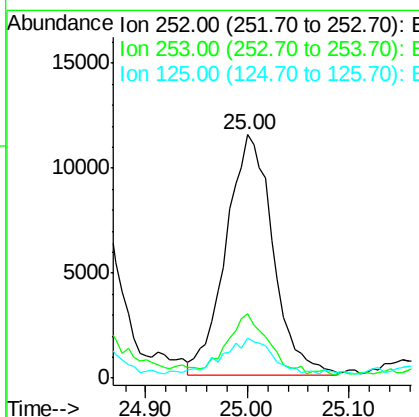
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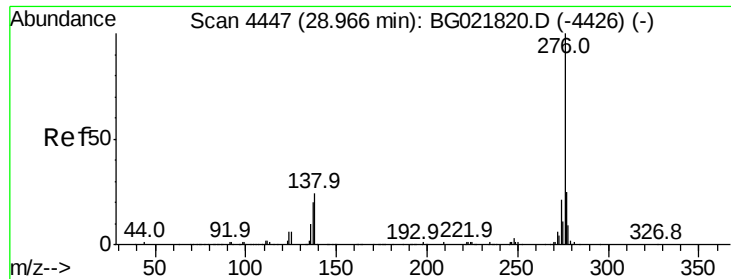
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#89
Benzo(a)pyrene
Concen: 1.34 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021821.D
Acq: 10 May 2016 18:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.3	17.4	26.0
125	16.3	8.2	12.2





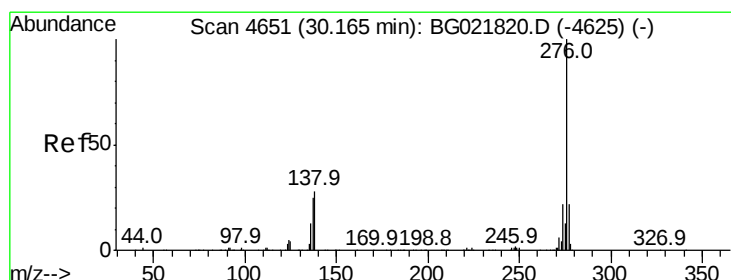
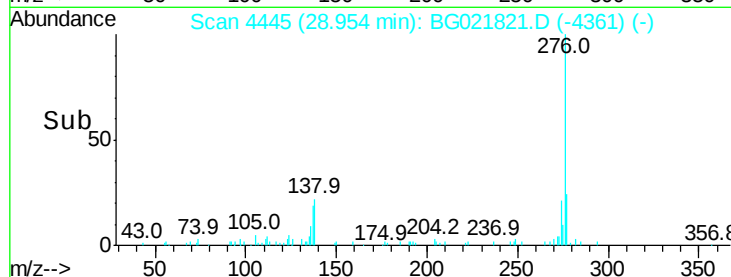
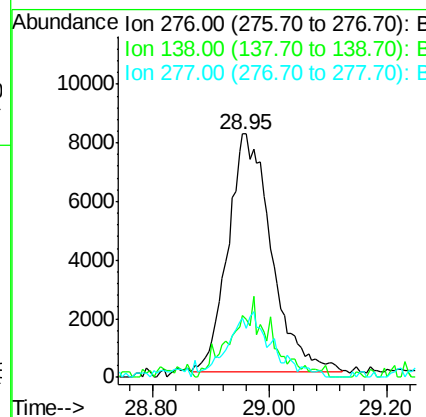
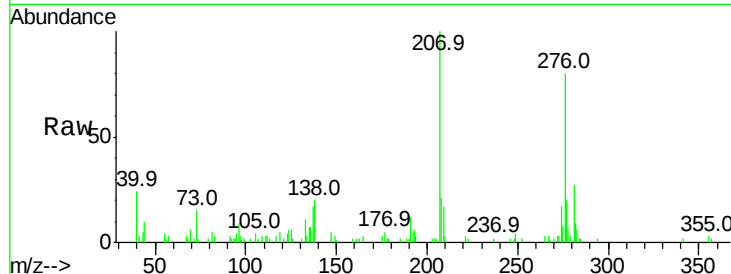
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 1.29 ng/ul m
 RT: 28.95 min Scan# 4445
 Delta R.T. -0.01 min
 Lab File: BG021821.D
 Acq: 10 May 2016 18:02

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.8	23.6#
277	24.3	19.0	28.6

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#92
 Benzo(g,h,i)perylene
 Concen: 1.53 ng/ul m
 RT: 30.15 min Scan# 4649
 Delta R.T. 0.01 min
 Lab File: BG021821.D
 Acq: 10 May 2016 18:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	13.9	20.9
277	21.0	19.8	29.6

