

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021846.D
 Acq On : 11 May 2016 16:19
 Operator : UM/SJ
 Sample : H2937-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X92

Manual Integrations
 APPROVED

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Quant Time: May 12 06:59:41 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	73107	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	381337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	222195	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	442551	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	432873	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	428631	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	3931	2.60	ng/uL	0.01
5) Phenol-d5	7.33	99	94913	17.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	45698	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	87724	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	85049	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	43923	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	46660	29.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	89341	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	84670m	17.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	291896	18.70	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	404940	18.28	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	42452m	15.87	ng/ul	0.01
58) Fluorene-d10	15.79	176	268196	16.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32017	26.12	ng/ul	0.00
71) Anthracene-d10	17.64	188	375319	17.42	ng/ul	0.00
77) Pyrene-d10	19.92	212	394241	19.46	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	371323	18.23	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.25	163	44090	2.77	ng/ul	98
75) Fluoranthene	19.59	202	55496	2.02	ng/ul	98
78) Pyrene	19.95	202	55700m	2.22	ng/ul	
81) Benzo(a)anthracene	21.81	228	36153m	1.50	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.70	149	37339	4.13	ng/ul#	93
83) Chrysene	21.88	228	39447	1.66	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	73142	2.98	ng/ul#	95
89) Benzo(a)pyrene	25.01	252	43279	1.77	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	28.99	276	39974	1.38	ng/ul#	91
92) Benzo(g,h,i)perylene	30.21	276	41629m	1.74	ng/ul	

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

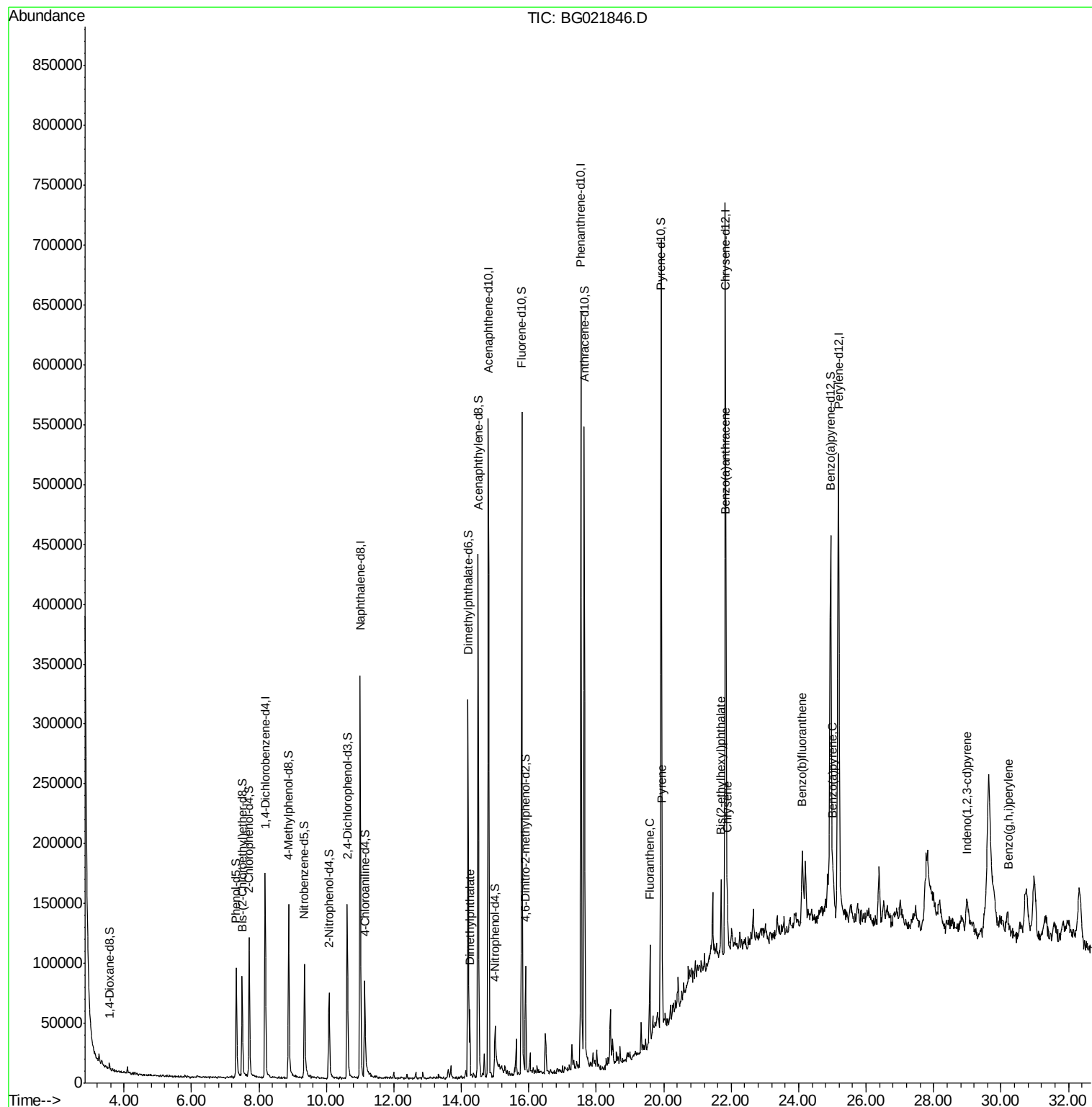
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021846.D
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ALS Vial : 11 Sample Multiplier: 1

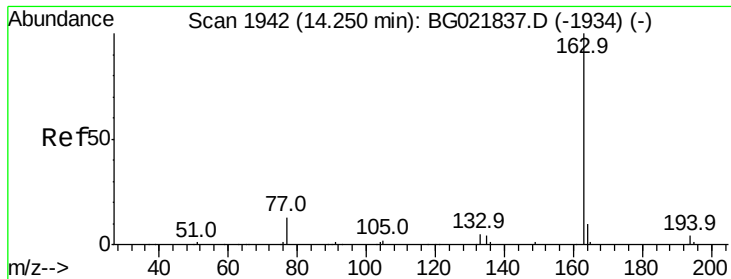
Instrument :
BNA_G
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Quant Time: May 12 06:59:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.77 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Instrument :

BNA_G

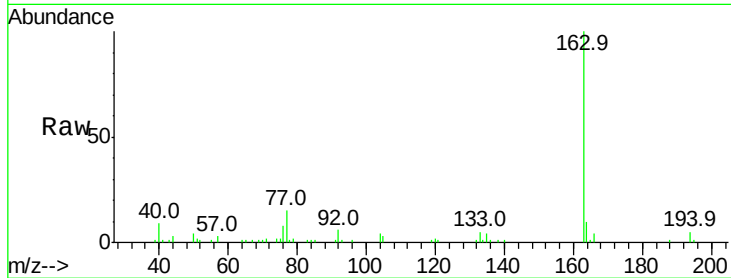
ClientSampleId :

D9X92

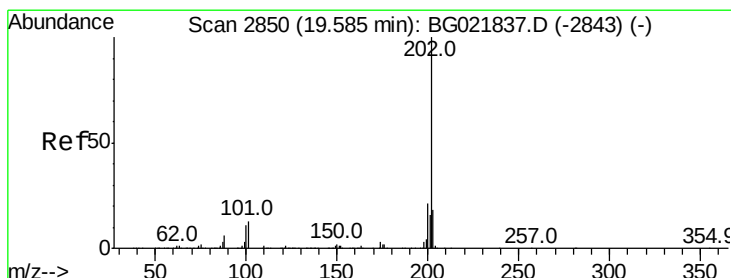
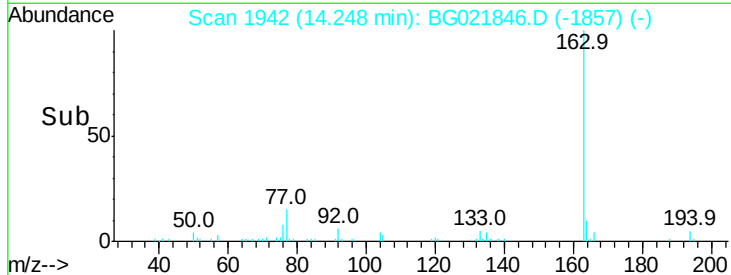
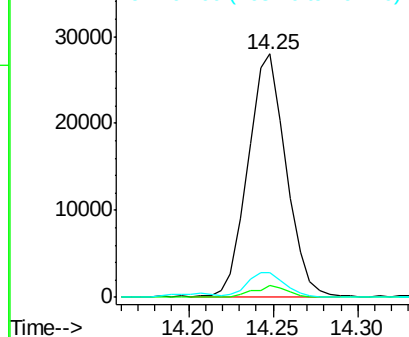
Tot Ion:	163	Resp:	44090
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.9	5.9
164	10.1	8.7	13.1

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#75

Fluoranthene

Concen: 2.02 ng/ul

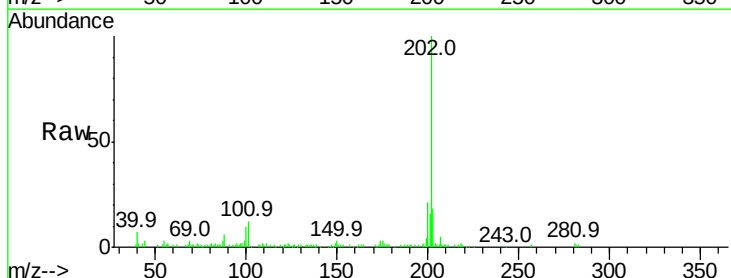
RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

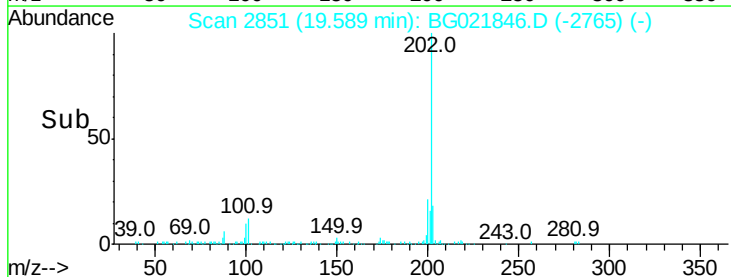
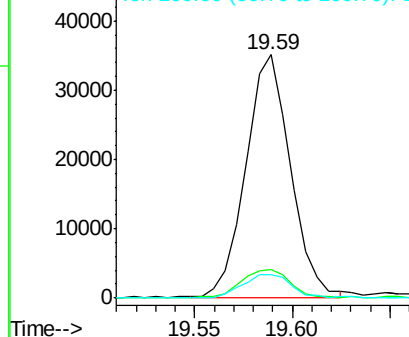
Lab File: BG021846.D

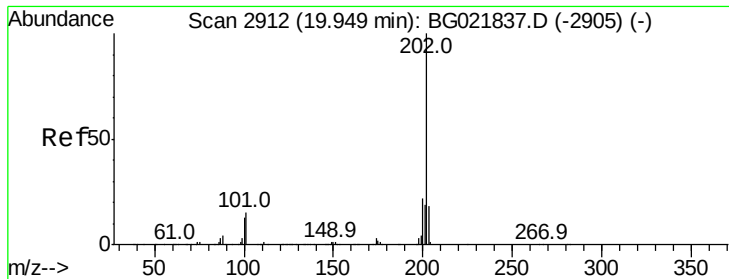
Acq: 11 May 2016 16:19

Tgt Ion:	202	Resp:	55496
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.9	13.3
100	9.6	7.0	10.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#78

Pvrene

Concen: 2.22 ng/ul m

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Instrument :

BNA_G

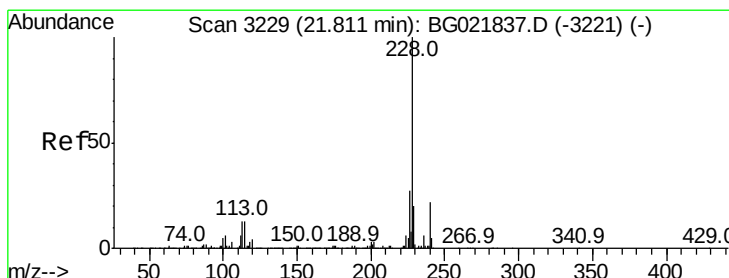
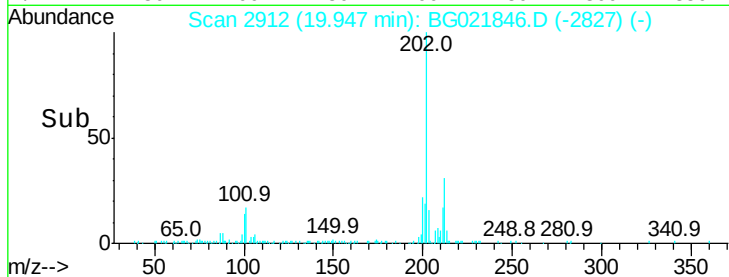
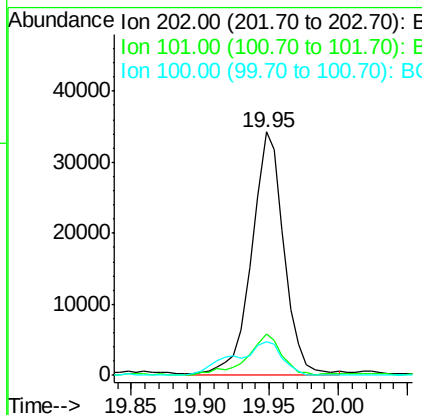
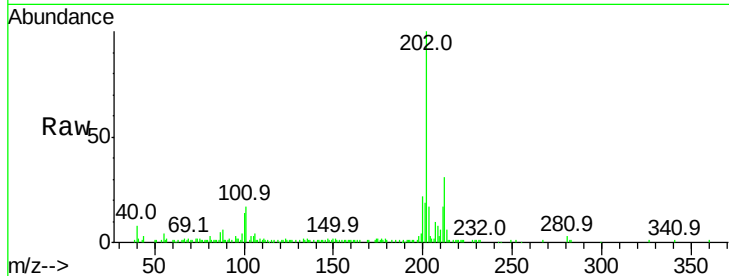
ClientSampleId :

D9X92

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	17.1	9.8	14.8#	
100	14.0	9.3	13.9#	

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#81

Benzo(a)anthracene

Concen: 1.50 ng/ul m

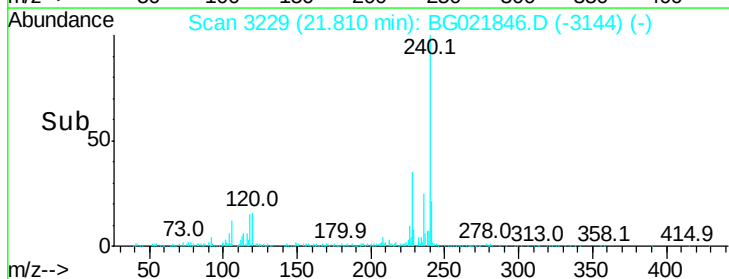
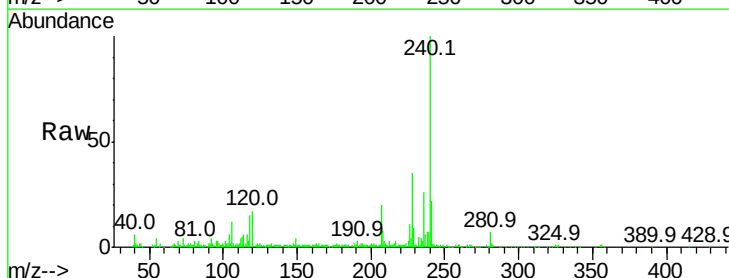
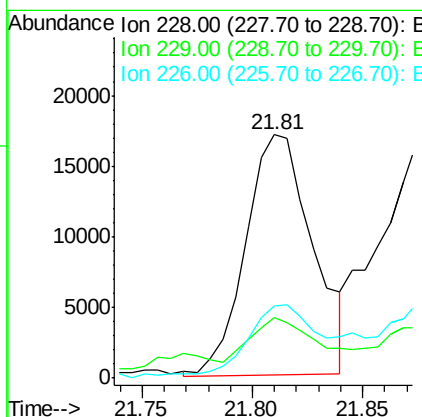
RT: 21.81 min Scan# 3229

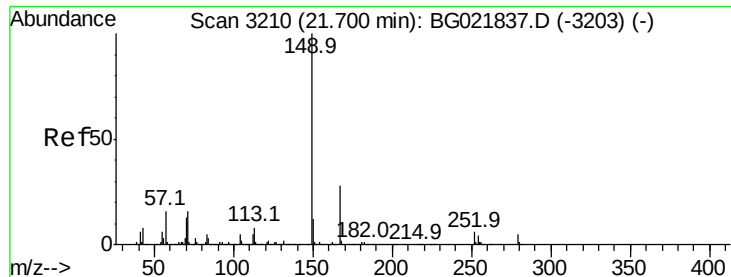
Delta R.T. -0.00 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	25.1	16.6	25.0#	
226	29.7	21.0	31.4	





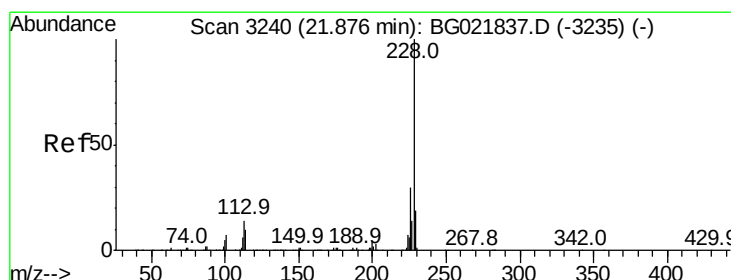
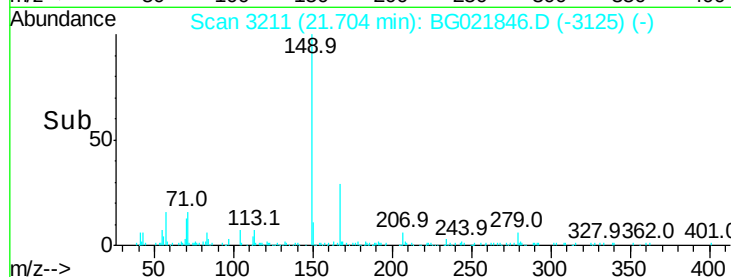
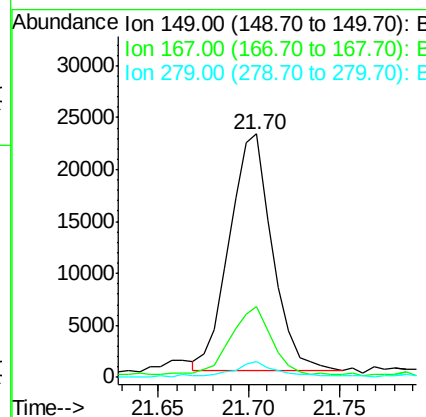
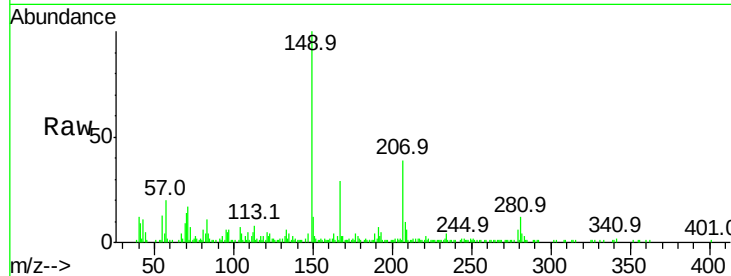
#82
 Bis(2-ethylhexyl)phthalate
 Concen: 4.13 ng/ul
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

Instrument :
 BNA_G
 ClientSampleId :
 D9X92

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	20.5	30.7
279	6.4	3.7	5.5

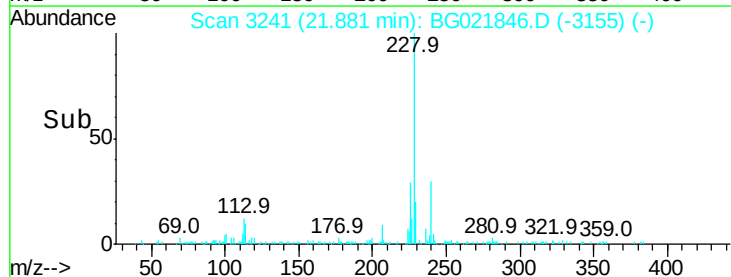
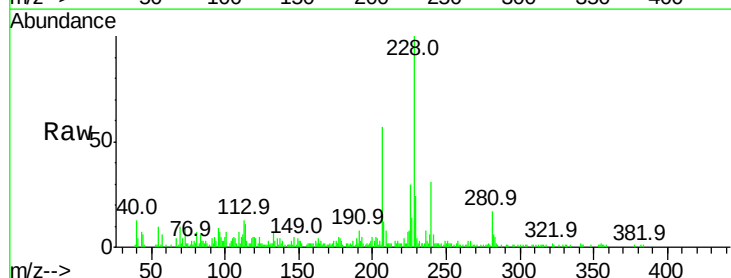
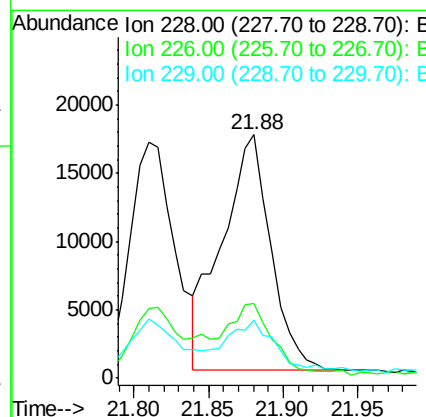
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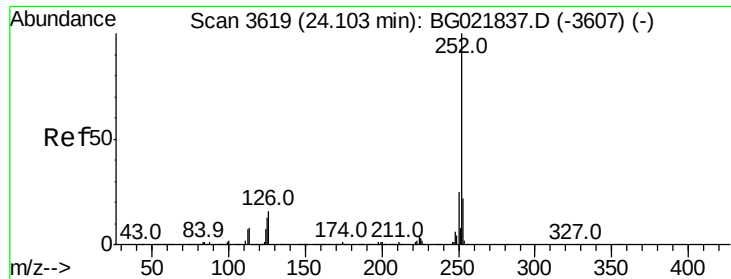
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#83
 Chrysene
 Concen: 1.66 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG021846.D
 Acq: 11 May 2016 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	23.7	16.2	24.2





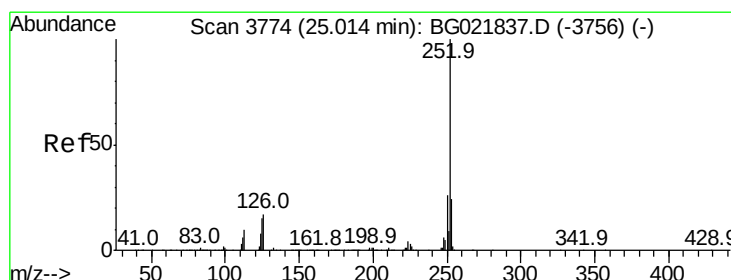
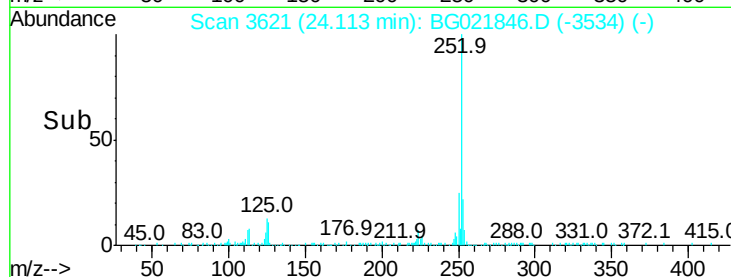
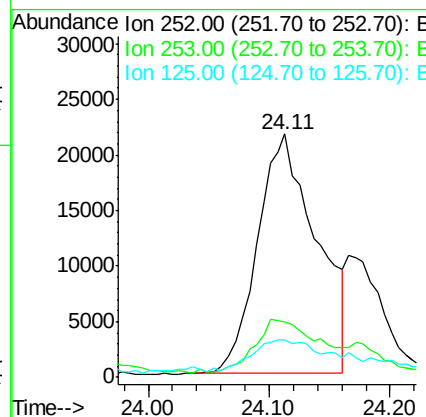
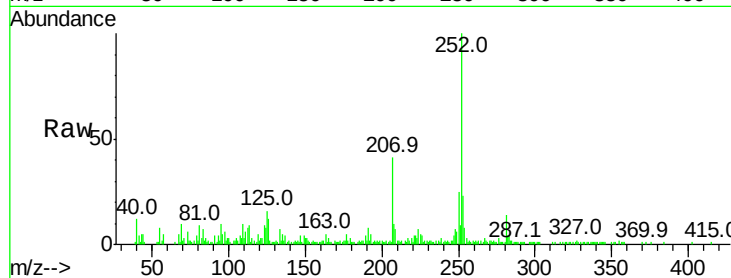
#86
Benzo(b)fluoranthene
Concen: 2.98 ng/ul
RT: 24.11 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BG021846.D
Acq: 11 May 2016 16:19

Instrument :
BNA_G
ClientSampled :
D9X92

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	15.6	7.6	11.4

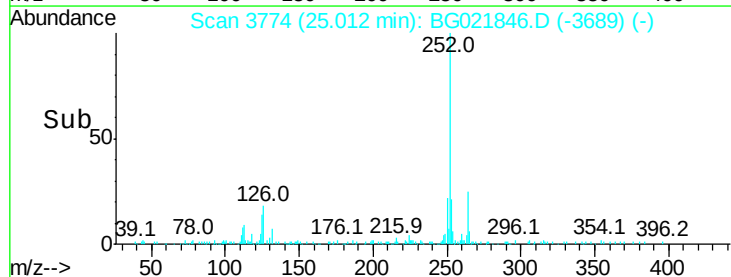
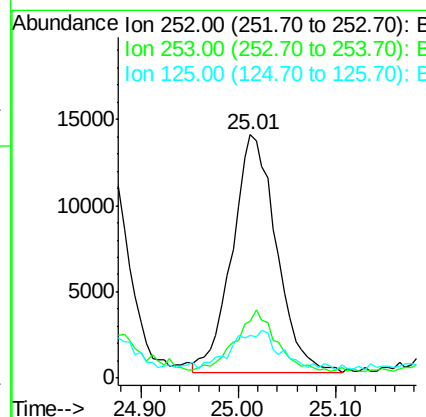
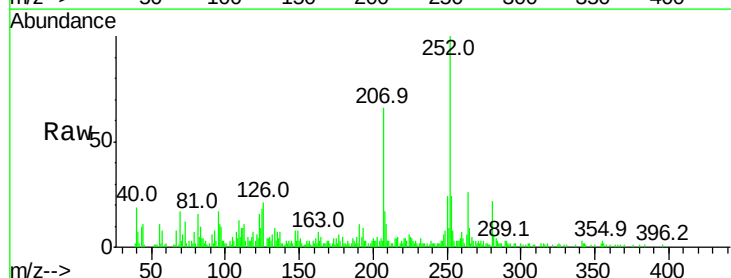
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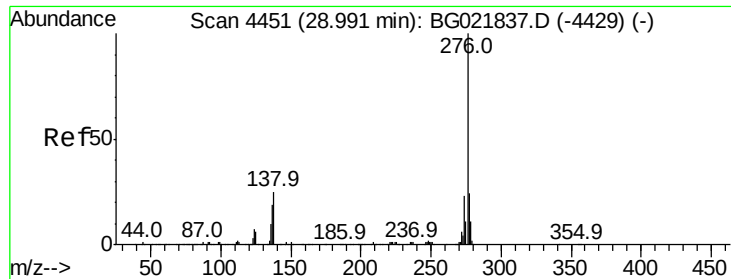
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#89
Benzo(a)pyrene
Concen: 1.77 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. -0.00 min
Lab File: BG021846.D
Acq: 11 May 2016 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	17.7	8.2	12.2





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul

RT: 28.99 min Scan# 4451

Delta R.T. -0.00 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Instrument :

BNA_G

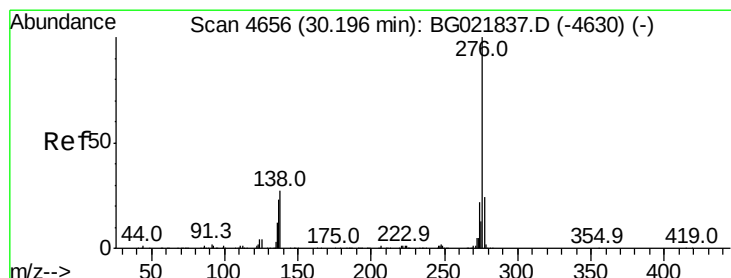
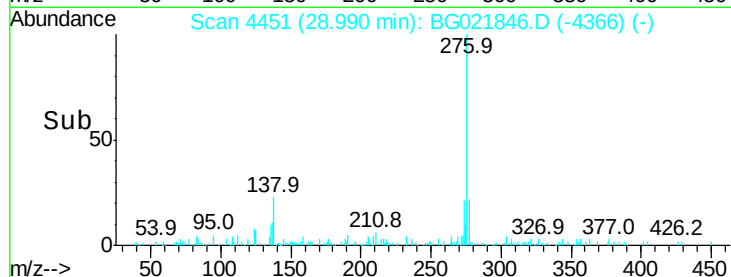
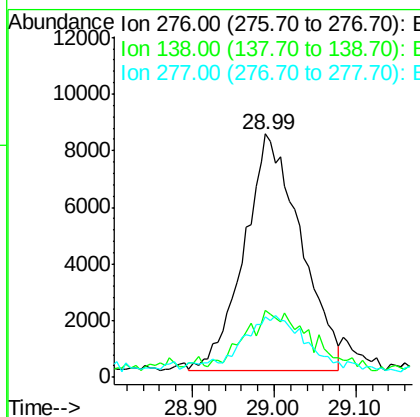
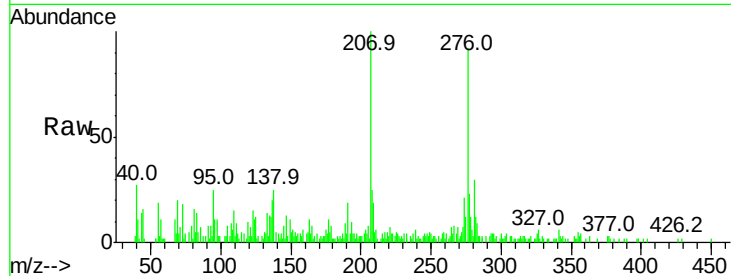
ClientSampleId :

D9X92

Tot Ion:	276	Resp:	39974
Ion Ratio	Lower	Upper	
276	100		
138	27.4	15.8	23.6#
277	24.9	19.0	28.6

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#92

Benzo(g,h,i)perylene

Concen: 1.74 ng/ul m

RT: 30.21 min Scan# 4658

Delta R.T. 0.01 min

Lab File: BG021846.D

Acq: 11 May 2016 16:19

Tgt Ion:	276	Resp:	41629
Ion Ratio	Lower	Upper	
276	100		
138	24.2	13.9	20.9#
277	23.7	19.8	29.6

