

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021839.D
 Acq On : 11 May 2016 11:41
 Operator : UM/SJ
 Sample : H2937-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X85

Manual Integrations
 APPROVED

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Quant Time: May 12 05:39:02 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	54465	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	306388	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	192206	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	411976	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	420968	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	406888	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	3568	3.16	ng/uL	0.00
5) Phenol-d5	7.33	99	65864	16.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	32514	16.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	62034	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	59346	17.48	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	31928	15.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	31660	24.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	67522m	18.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	70755m	18.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	242696	17.98	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	318897	16.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	32226m	13.93	ng/ul	0.00
58) Fluorene-d10	15.79	176	219698	15.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	25295	22.17	ng/ul	0.00
71) Anthracene-d10	17.64	188	310238	15.47	ng/ul	0.00
77) Pyrene-d10	19.92	212	343338	17.42	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	319161	16.51	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	33677	2.45	ng/ul	98
75) Fluoranthene	19.59	202	56284	2.20	ng/ul	96
78) Pyrene	19.95	202	49169	2.02	ng/ul#	92
81) Benzo(a)anthracene	21.81	228	29571	1.26	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	12855	1.46	ng/ul	96
83) Chrysene	21.88	228	26579	1.15	ng/ul	97
86) Benzo(b)fluoranthene	24.11	252	47160	2.02	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	24853	1.07	ng/ul#	96
92) Benzo(a,h,i)perylene	30.18	276	24943m	1.10	ng/ul	

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

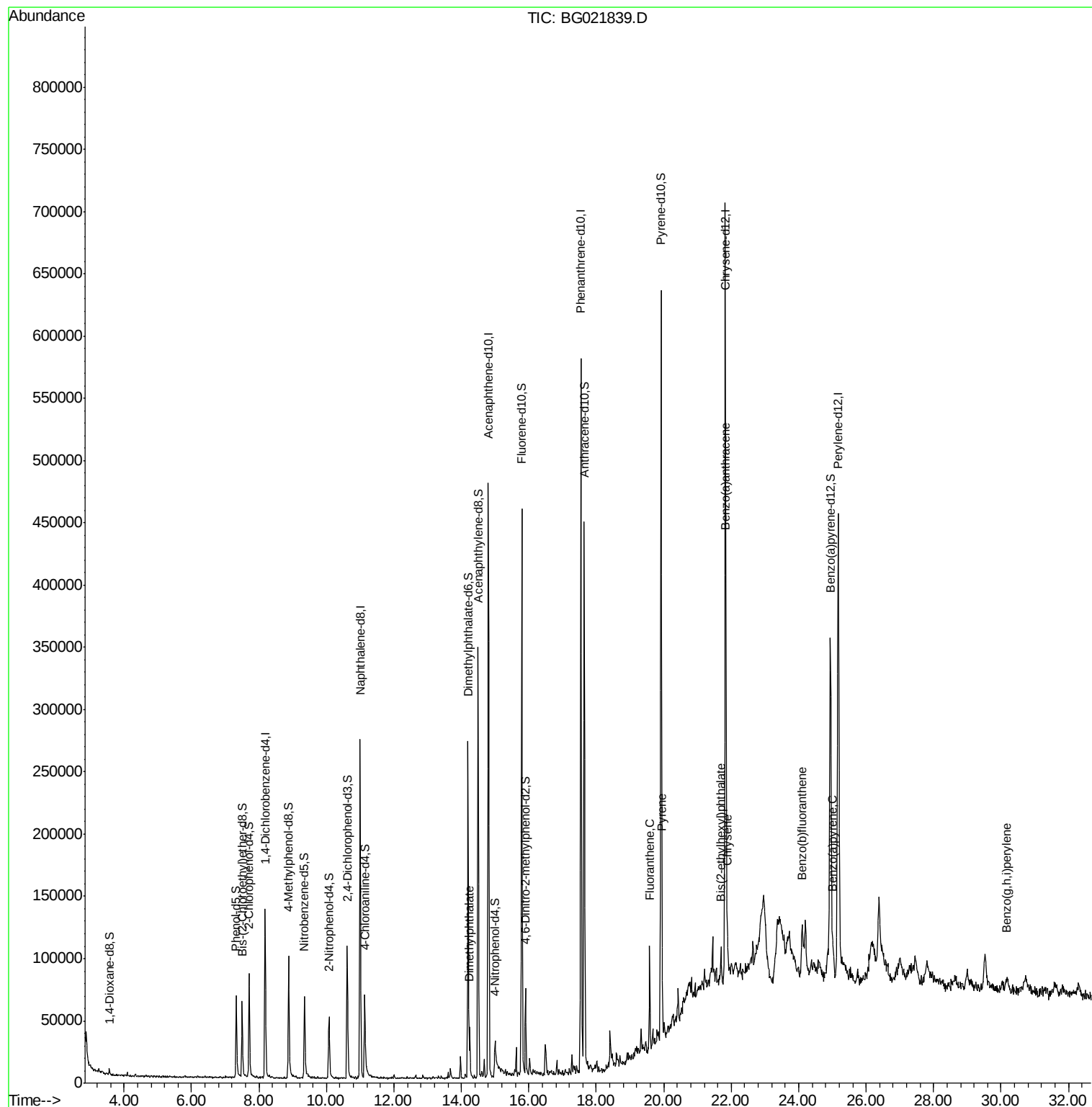
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
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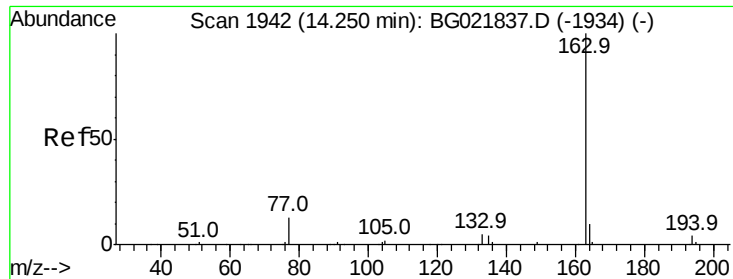
Instrument :
BNA_G
ClientSampleId :
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Quant Time: May 12 05:39:02 2016
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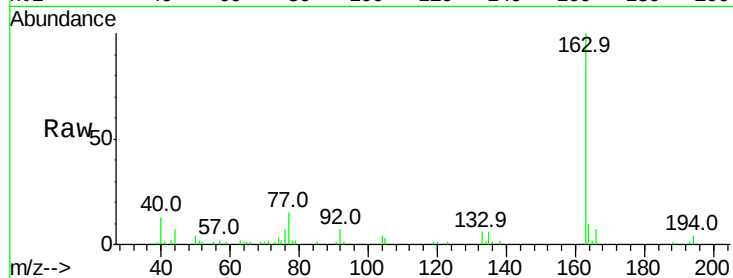
#45
Dimethylphthalate
Concen: 2.45 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG021839.D
Acq: 11 May 2016 11:41

Instrument :
BNA_G
ClientSampleId :
D9X85

Tot Ion	Ratio	Resp	Lower	Upper
163	100	33677		
194	4.2		3.9	5.9
164	10.0		8.7	13.1

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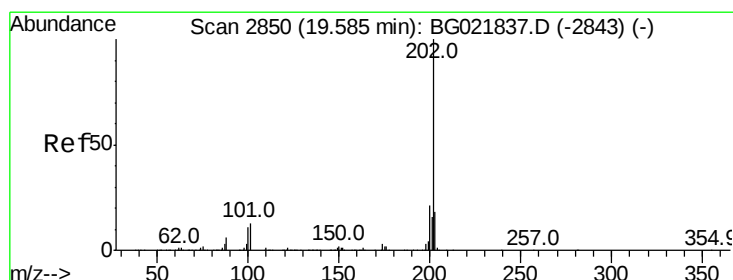
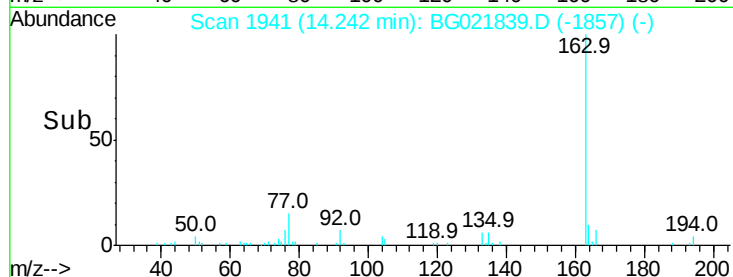
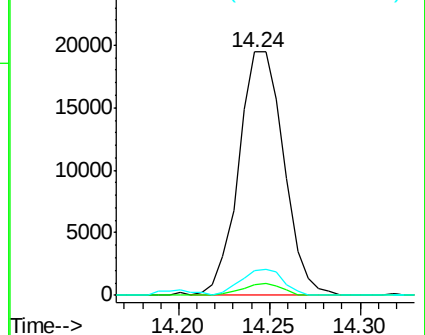


Abundance

Ion 163.00 (162.70 to 163.70): E

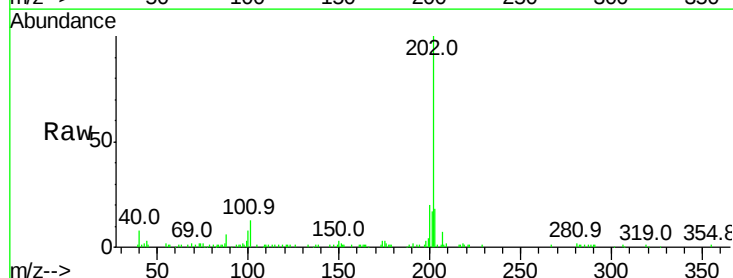
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#75
Fluoranthene
Concen: 2.20 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG021839.D
Acq: 11 May 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	56284		
101	13.0		8.9	13.3
100	8.0		7.0	10.4

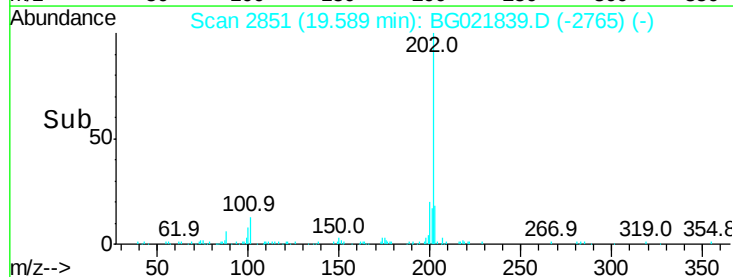
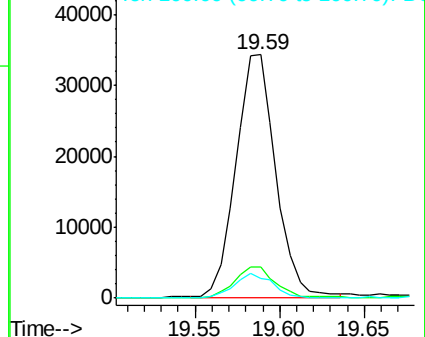


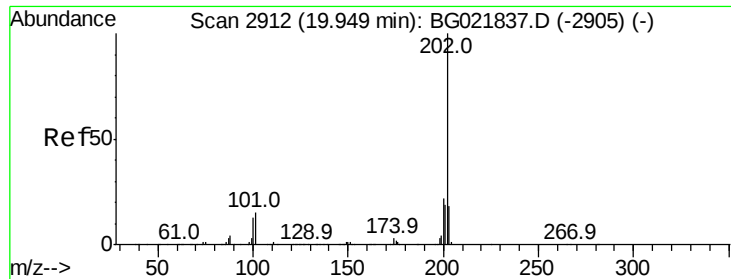
Abundance

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: 2.02 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG021839.D

Acq: 11 May 2016 11:41

Instrument :

BNA_G

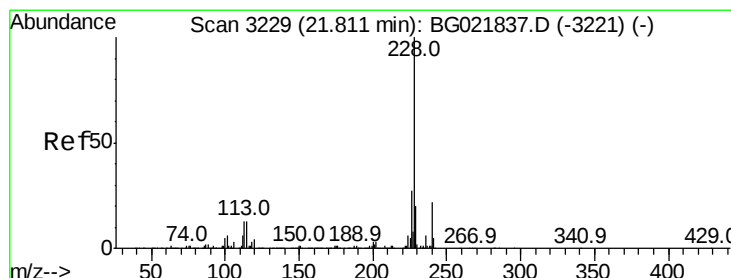
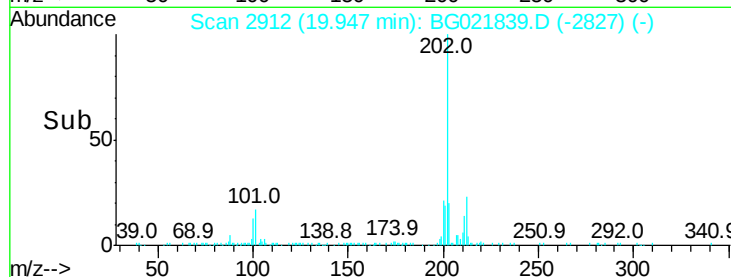
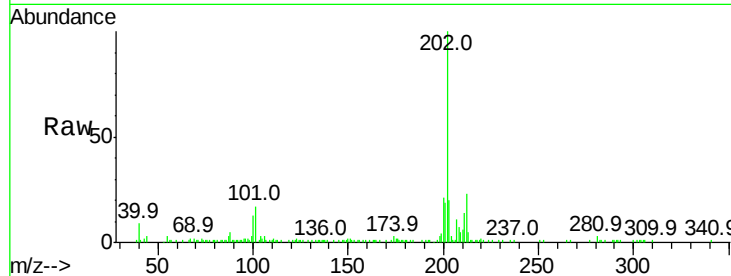
ClientSampleId :

D9X85

Tot Ion:	202	Resp:	49169
Ion Ratio	Lower	Upper	
202	100		
101	16.9	9.8	14.8#
100	13.1	9.3	13.9

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#81

Benzo(a)anthracene

Concen: 1.26 ng/ul

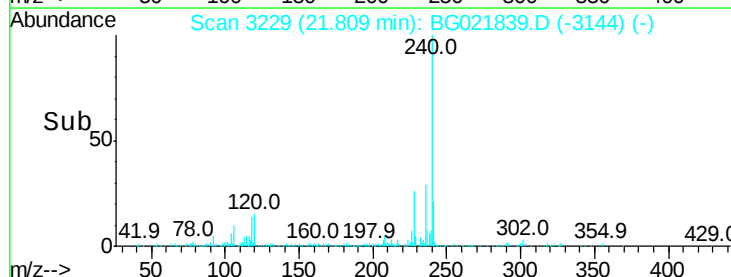
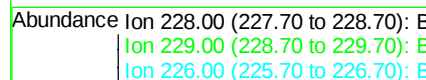
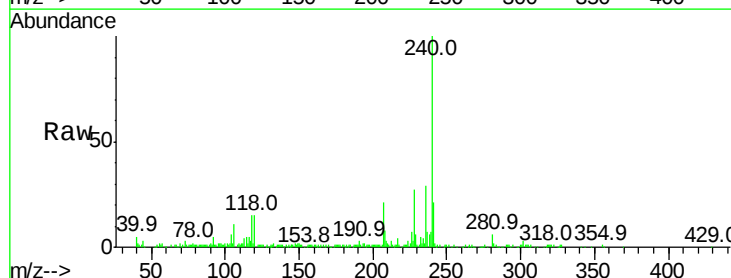
RT: 21.81 min Scan# 3229

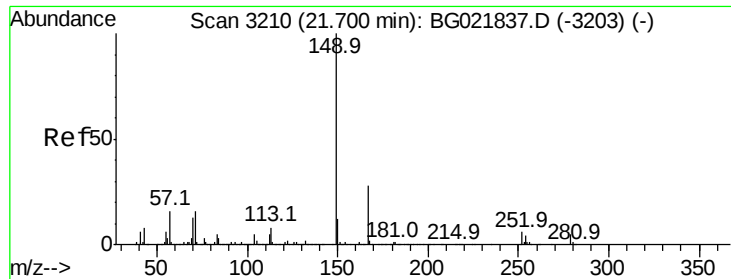
Delta R.T. -0.00 min

Lab File: BG021839.D

Acq: 11 May 2016 11:41

Tgt Ion:	228	Resp:	29571
Ion Ratio	Lower	Upper	
228	100		
229	23.0	16.6	25.0
226	27.1	21.0	31.4





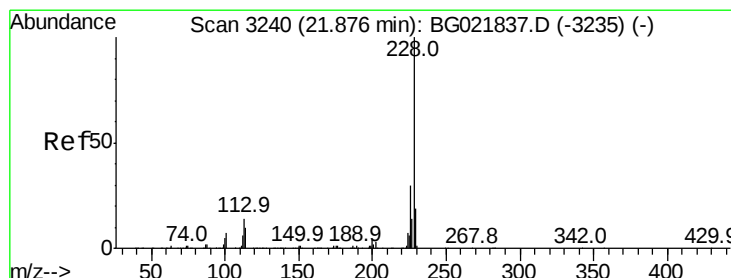
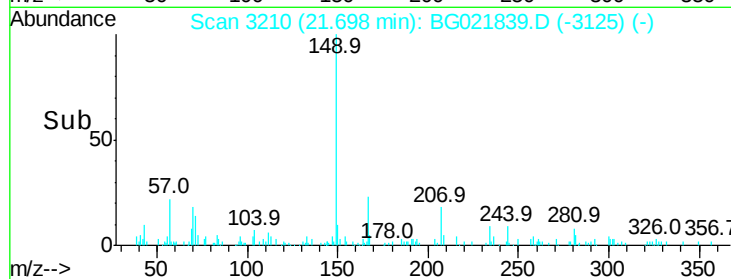
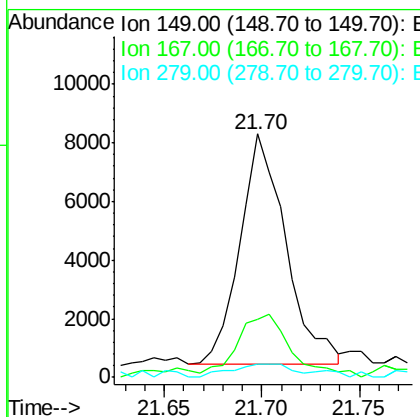
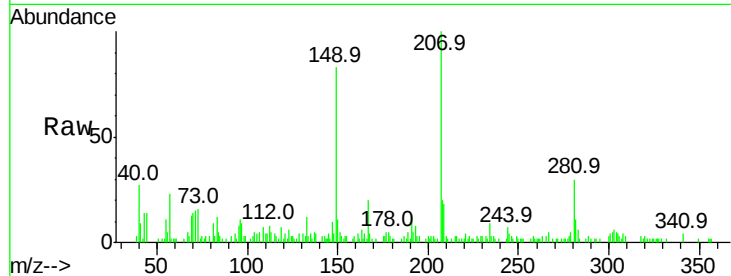
#82
 Bis(2-ethylhexyl)phthalate
 Concen: 1.46 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG021839.D
 Acq: 11 May 2016 11:41

Instrument :
 BNA_G
 ClientSampled :
 D9X85

Tot Ion	Ratio	Resp	Lower	Upper
149	100	12855		
167	23.6	20.5	30.7	
279	5.4	3.7	5.5	

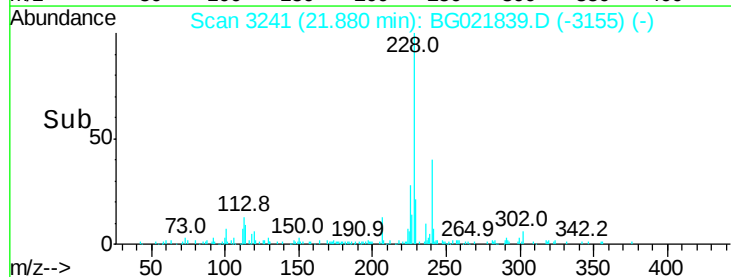
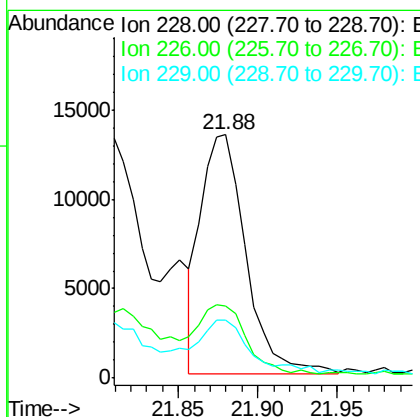
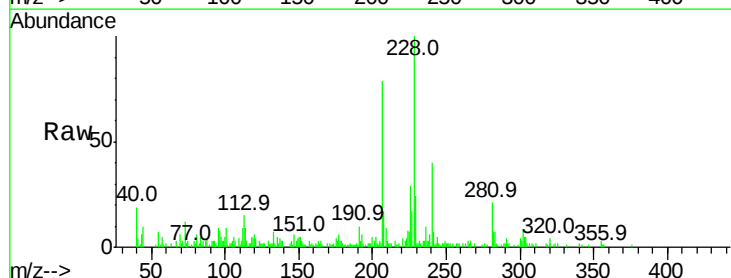
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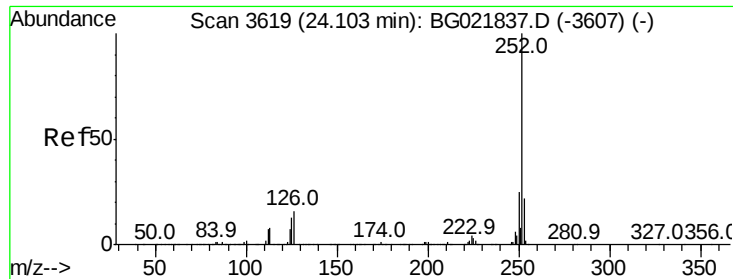
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#83
 Chrysene
 Concen: 1.15 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG021839.D
 Acq: 11 May 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	26579		
226	29.5	23.4	35.2	
229	23.9	16.2	24.2	





#86

Benzo(b)fluoranthene

Concen: 2.02 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG021839.D

Acq: 11 May 2016 11:41

Instrument :

BNA_G

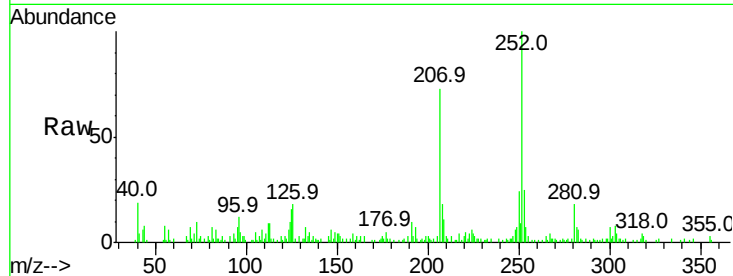
ClientSampleId :

D9X85

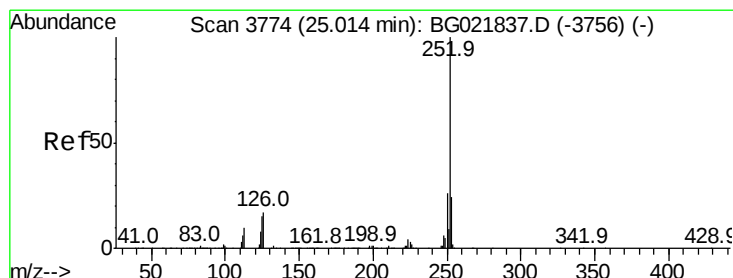
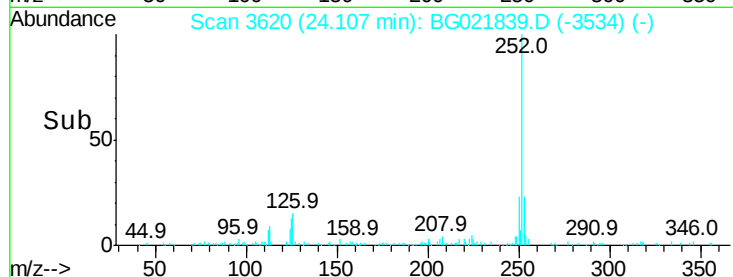
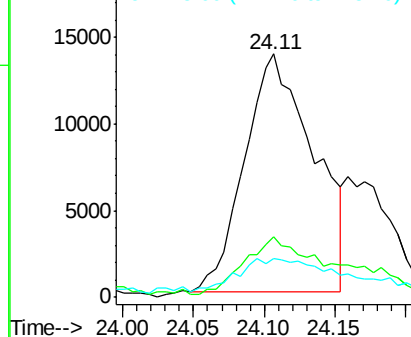
Tot Ion:	252	Resp:	47160
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.1	27.1
125	15.7	7.6	11.4#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 1.07 ng/ul

RT: 25.00 min Scan# 3772

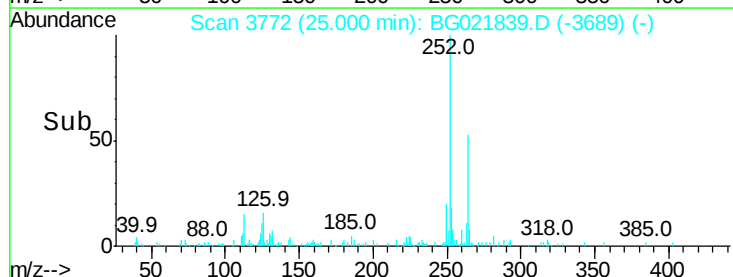
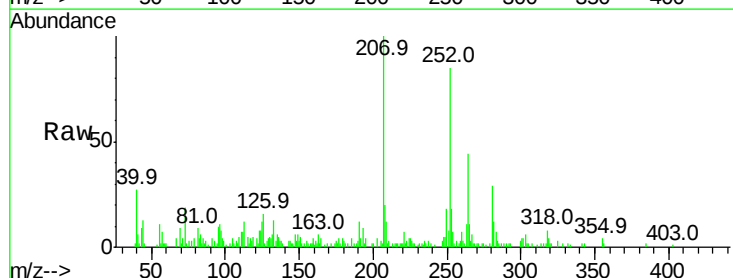
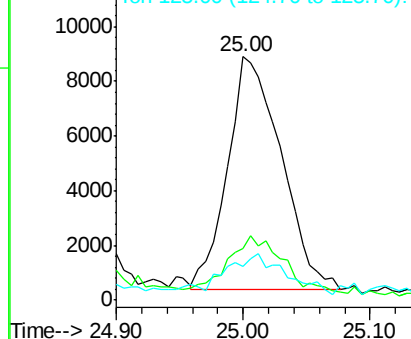
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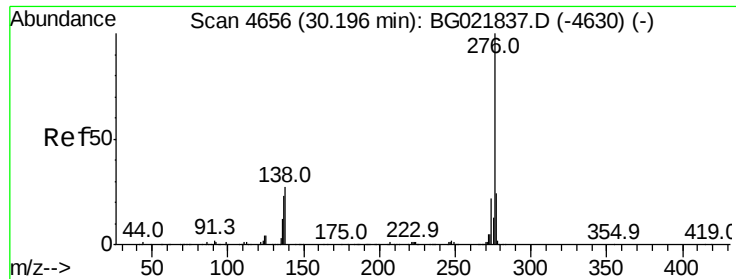
Lab File: BG021839.D

Acq: 11 May 2016 11:41

Tgt Ion:	252	Resp:	24853
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.0
125	13.8	8.2	12.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 1.10 ng/ul m

RT: 30.18 min Scan# 4654

Delta R.T. -0.01 min

Lab File: BG021839.D

Acq: 11 May 2016 11:41

Instrument :

BNA_G

ClientSampleId :

D9X85

Tot Ion:	276	Resp:	24943
Ion Ratio	Lower	Upper	
276	100		
138	30.0	13.9	20.9#
277	29.6	19.8	29.6

Manual Integrations
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