

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

Quant Time: May 12 04:48:19 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	10.72	165	592	0.16	ng/ul	0.11
29) 4-Chloroaniline-d4	11.32	131	381	0.10	ng/ul	0.19
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	20799	8.99	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

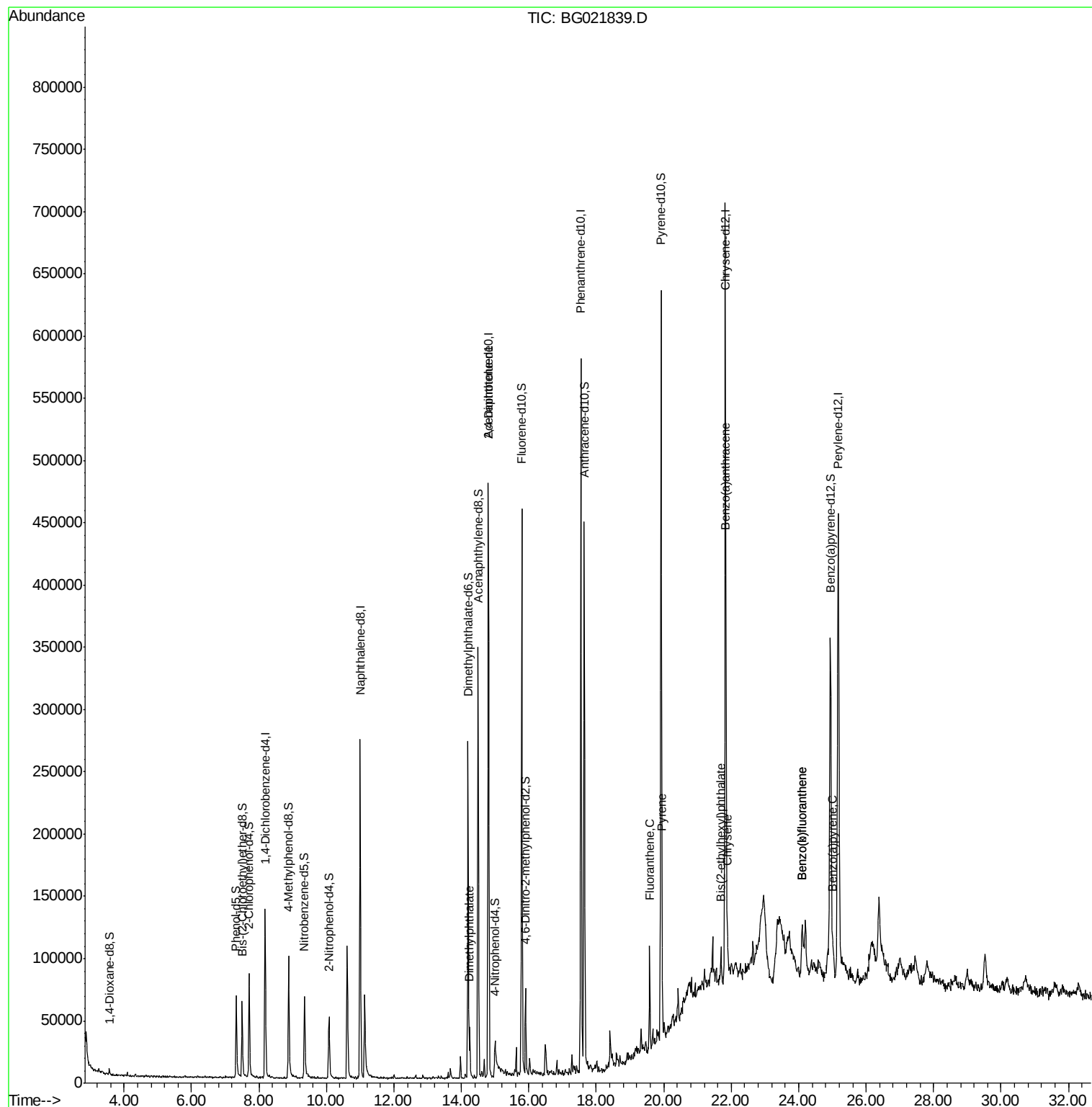
						Ovalue
45) Dimethylphthalate	14.24	163	33677	2.45	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	25436	6.77	ng/ul#	24
75) Fluoranthene	19.59	202	56284	2.20	ng/ul	96
78) Pyrene	19.95	202	49169	2.02	ng/ul#	92
81) Benzo(a)anthracene	21.81	228	29571	1.26	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	12855	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
87) Benzo(k)fluoranthene	24.11	252	47160	1.89	ng/ul#	91
89) Benzo(a)pyrene	25.00	252	24853	1.07	ng/ul#	96

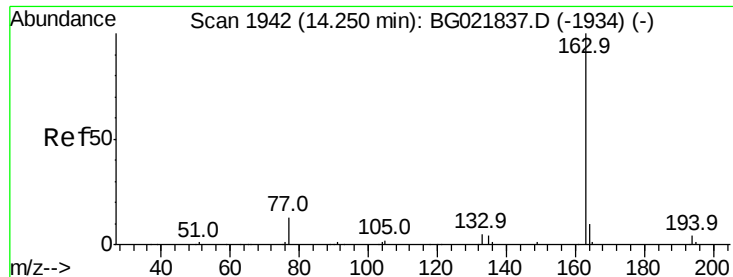
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration





#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

ClientSampled :

D9X85

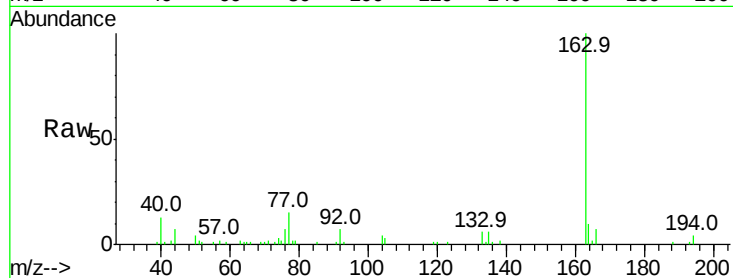
Tot Ion:163 Resp: 33677

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

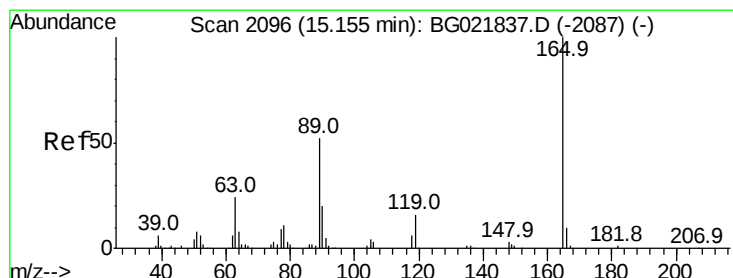
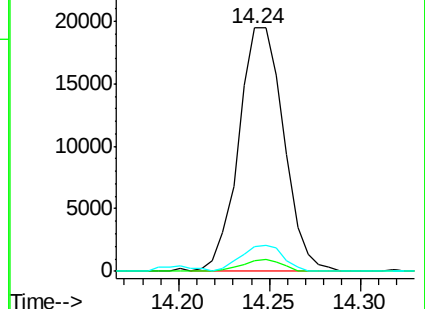
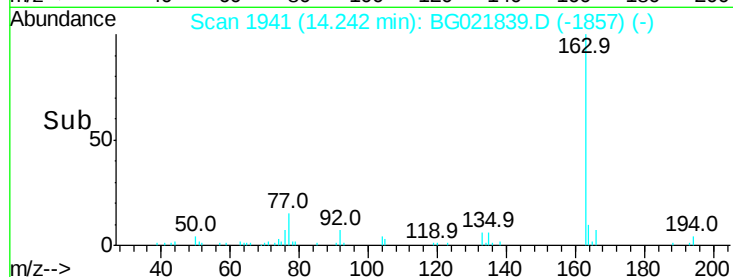
164 10.0 8.7 13.1



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



#55

2,4-Dinitrotoluene

Concen: 6.77 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.35 min

Lab File: BG021839.D

Acq: 11 May 2016 11:41

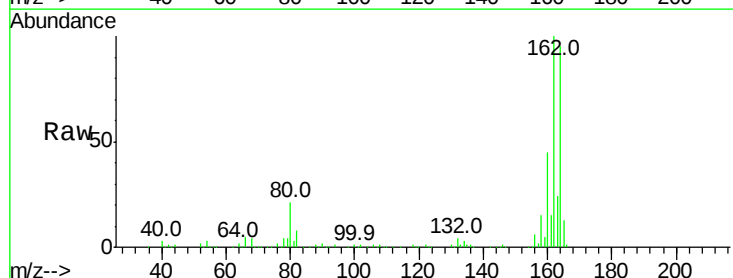
Tgt Ion:165 Resp: 25436

Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

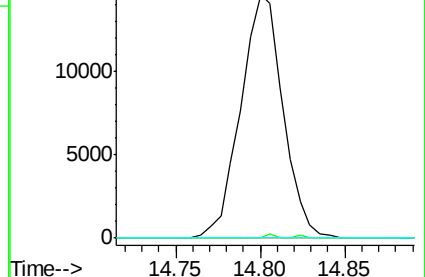
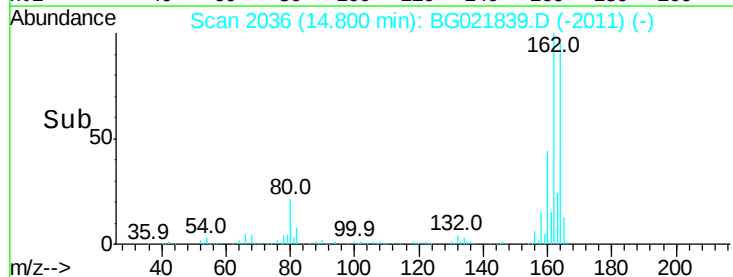
182 0.0 2.2 3.2#

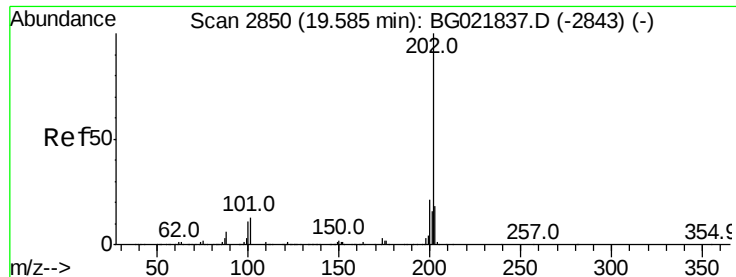


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): 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

Instrument :

BNA_G

ClientSampleId :

D9X85

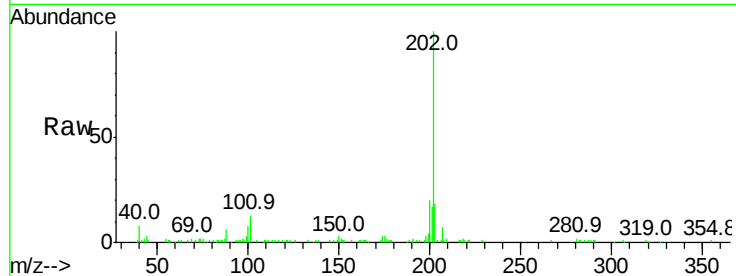
Tot Ion:202 Resp: 56284

Ion Ratio Lower Upper

202 100

101 13.0 8.9 13.3

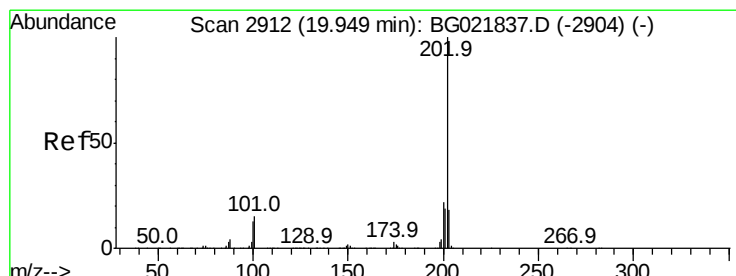
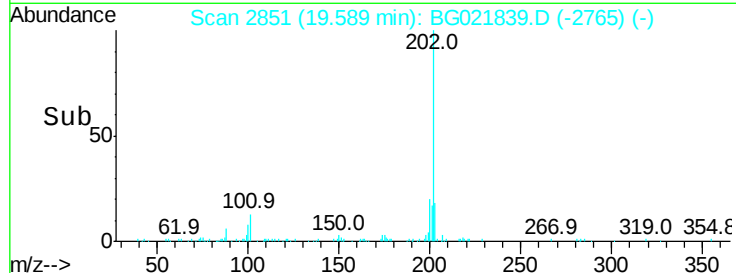
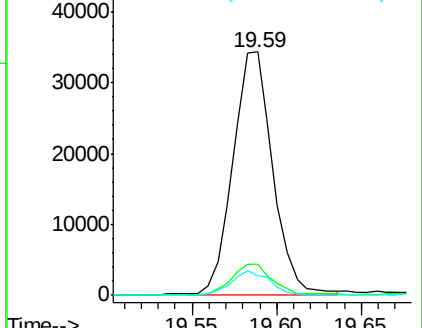
100 8.0 7.0 10.4



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

Pyrene

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

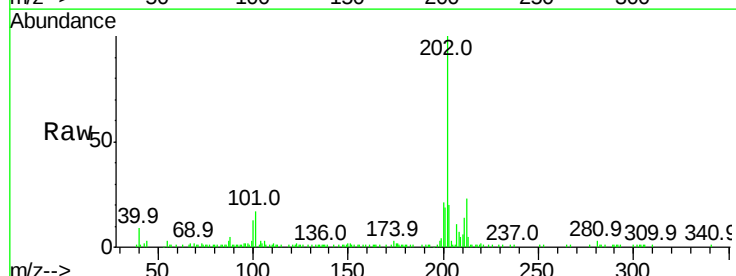
Tgt Ion:202 Resp: 49169

Ion Ratio Lower Upper

202 100

101 16.9 9.8 14.8#

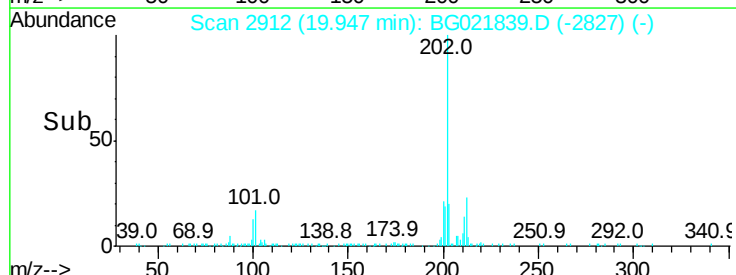
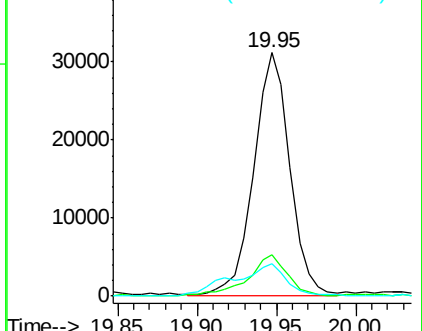
100 13.1 9.3 13.9

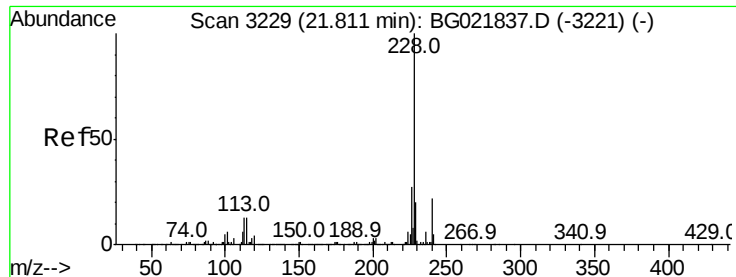


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#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

Instrument :

BNA_G

ClientSampleId :

D9X85

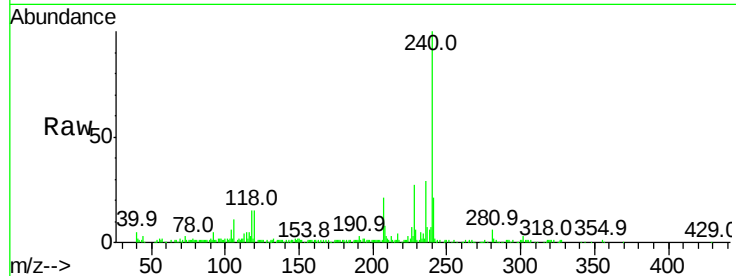
Tot Ion:228 Resp: 29571

Ion Ratio Lower Upper

228 100

229 23.0 16.6 25.0

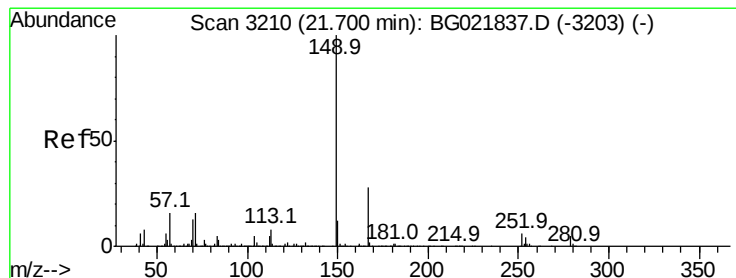
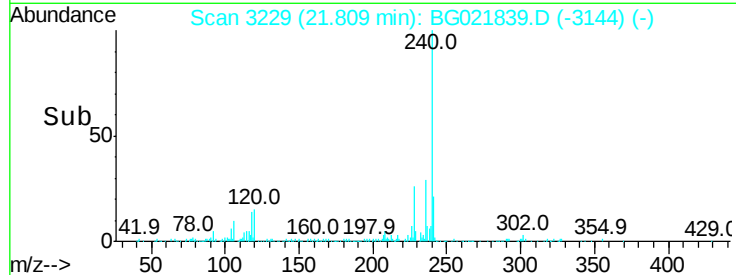
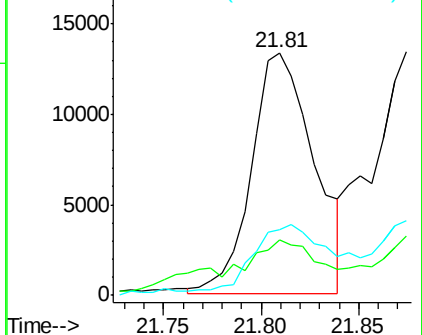
226 27.1 21.0 31.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#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

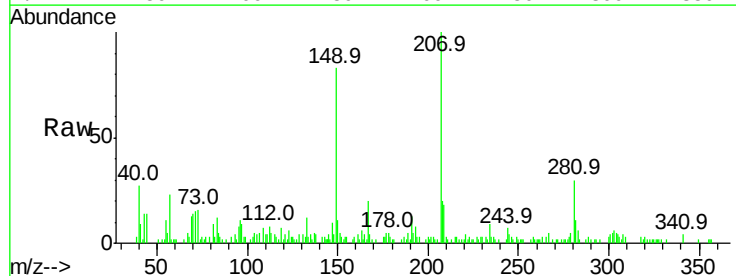
Tgt Ion:149 Resp: 12855

Ion Ratio Lower Upper

149 100

167 23.6 20.5 30.7

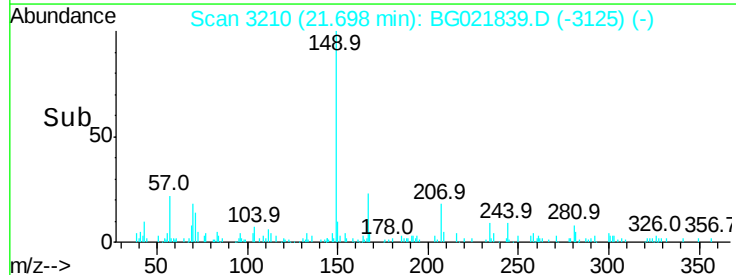
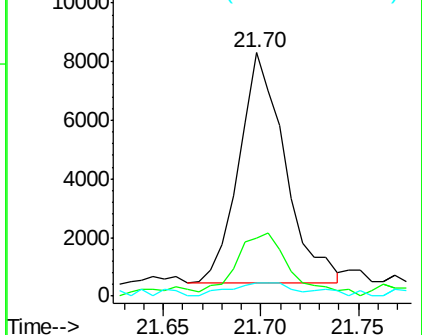
279 5.4 3.7 5.5

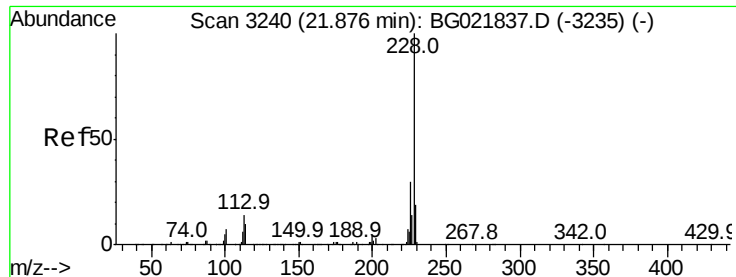


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



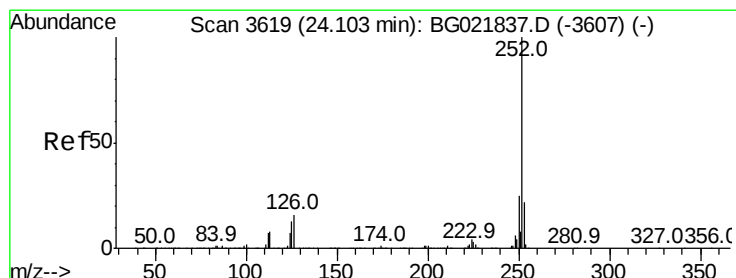
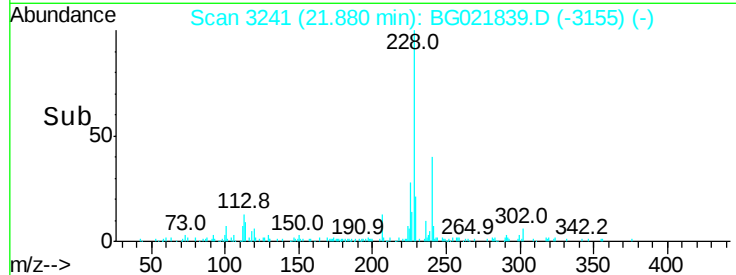
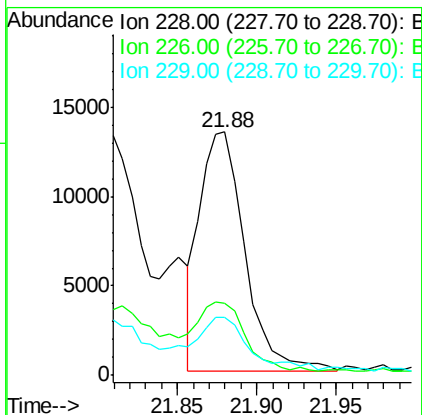
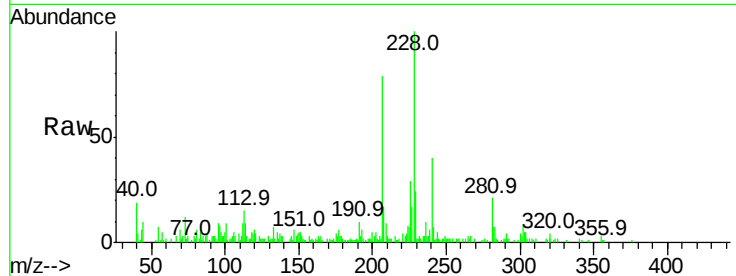


#83
 Chrysene
 Concen: 1.15 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG021839.D
 Acq: 11 May 2016 11:41

Instrument :
 BNA_G
 ClientSampleId :
 D9X85

Tot Ion:228 Resp: 26579

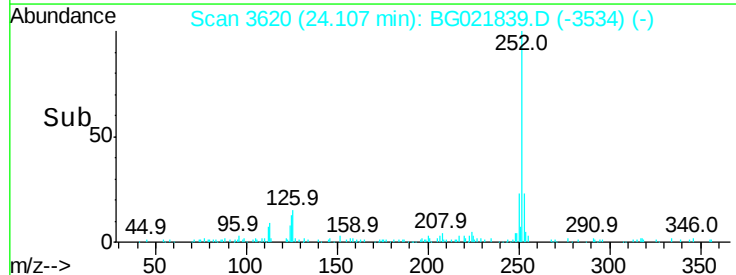
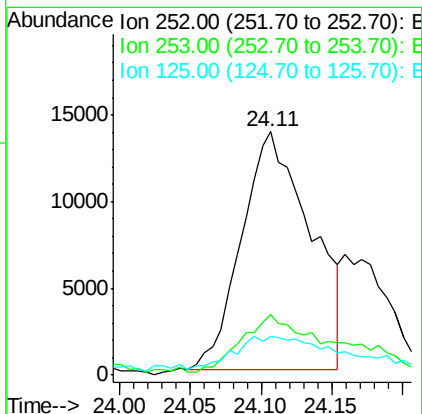
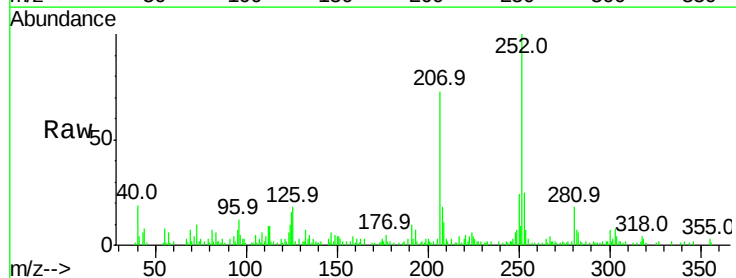
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	23.9	16.2	24.2

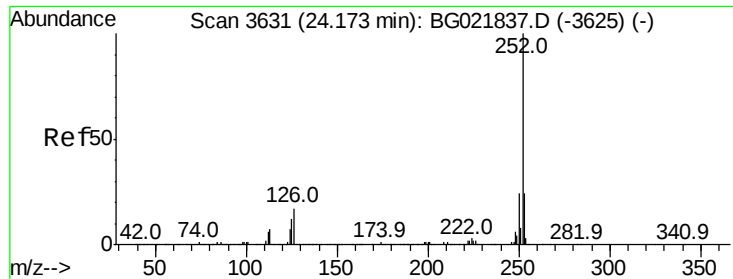


#86
 Benzo(b)fluoranthene
 Concen: 2.02 ng/ul
 RT: 24.11 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: BG021839.D
 Acq: 11 May 2016 11:41

Tgt Ion:252 Resp: 47160

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	15.7	7.6	11.4

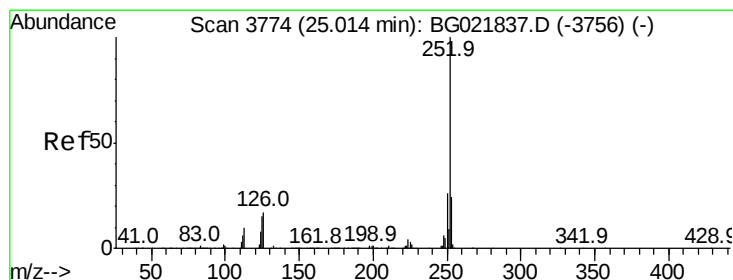
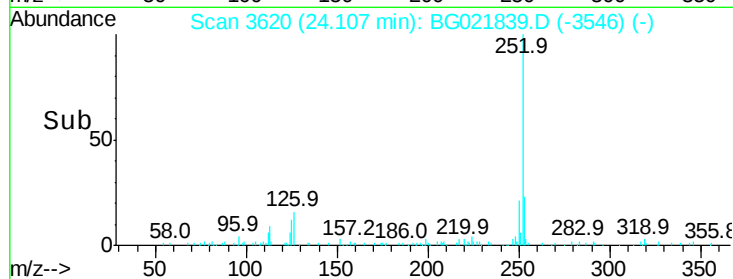
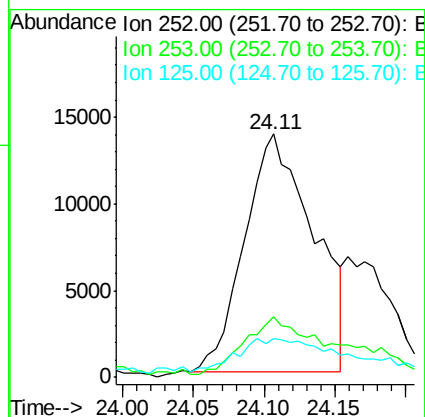
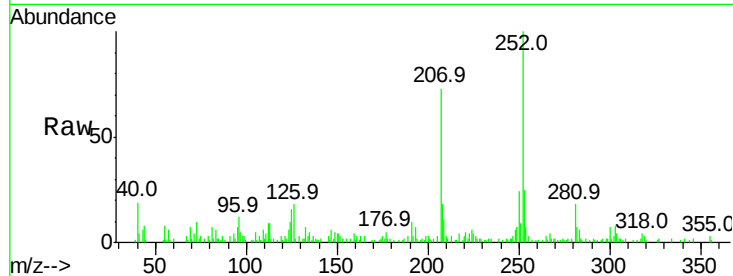




#87
Benzo(k)fluoranthene
Concen: 1.89 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. -0.07 min
Lab File: BG021839.D
Acq: 11 May 2016 11:41

Instrument :
BNA_G
ClientSampleId :
D9X85

Tot Ion:252 Resp: 47160
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 15.7 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 1.07 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
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#

