

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021840.D
 Acq On : 11 May 2016 12:20
 Operator : UM/SJ
 Sample : H2937-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X86

Quant Time: May 12 04:48:33 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	59891	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	339082	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	223825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	496411	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	502126	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	495869	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	3358	2.71	ng/uL	0.00
5) Phenol-d5	7.33	99	70683	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	36414	16.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	64168	18.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	66499	17.81	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	33396	14.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	36916	26.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	791	0.20	ng/ul	0.11
29) 4-Chloroaniline-d4	11.13	131	77433	18.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	260030	16.54	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	343852	15.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	22732	8.44	ng/ul	0.00
58) Fluorene-d10	15.79	176	239101	14.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	27153	19.75	ng/ul	0.00
71) Anthracene-d10	17.64	188	343371	14.21	ng/ul	0.00
77) Pyrene-d10	19.92	212	370884	15.78	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	340250	14.44	ng/ul	0.00

Target Compounds

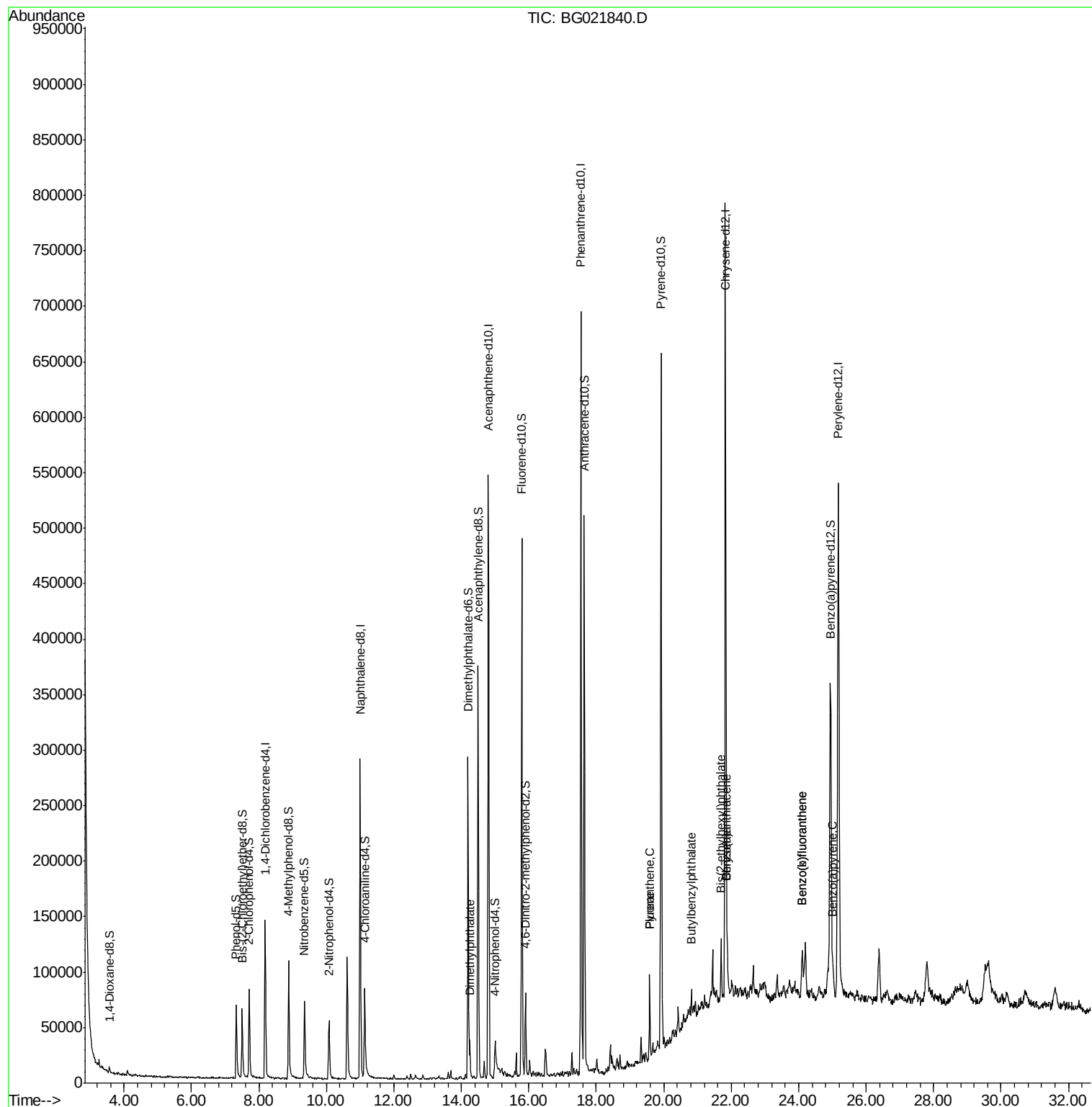
						Ovalue
45) Dimethylphthalate	14.24	163	27554	1.72	ng/ul	96
75) Fluoranthene	19.58	202	49301	1.60	ng/ul#	94
78) Pyrene	19.58	202	49301	1.70	ng/ul	96
79) Butylbenzylphthalate	20.82	149	9503	1.48	ng/ul#	79
81) Benzo(a)anthracene	21.87	228	31650	1.13	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.70	149	31778	3.03	ng/ul	100
83) Chrysene	21.87	228	31275	1.13	ng/ul	97
86) Benzo(b)fluoranthene	24.11	252	53433	1.88	ng/ul#	92
87) Benzo(k)fluoranthene	24.11	252	53433	1.76	ng/ul#	92
89) Benzo(a)pyrene	25.01	252	30339	1.07	ng/ul#	88

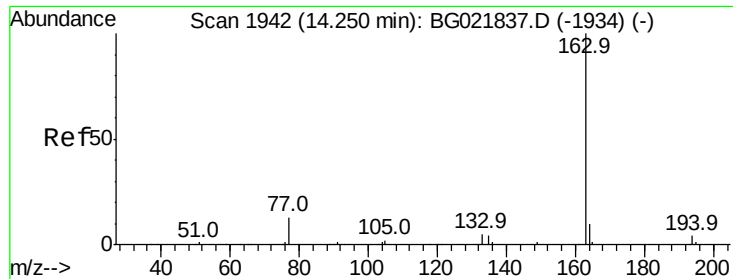
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.72 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG021840.D

Acq: 11 May 2016 12:20

Instrument :

BNA_G

ClientSampleId :

D9X86

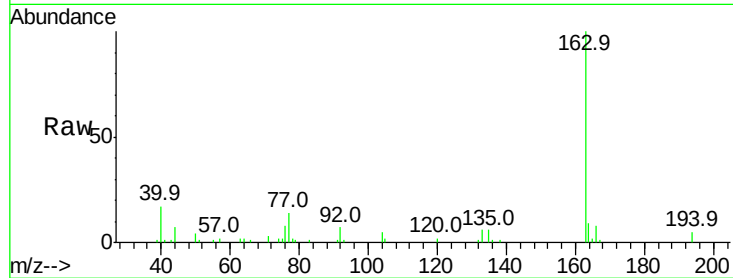
Tot Ion:163 Resp: 27554

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

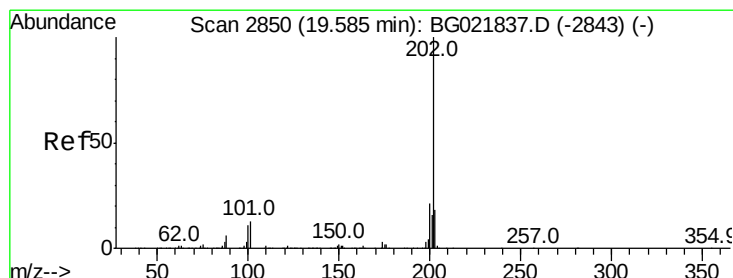
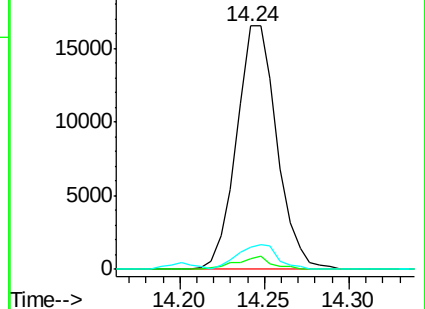
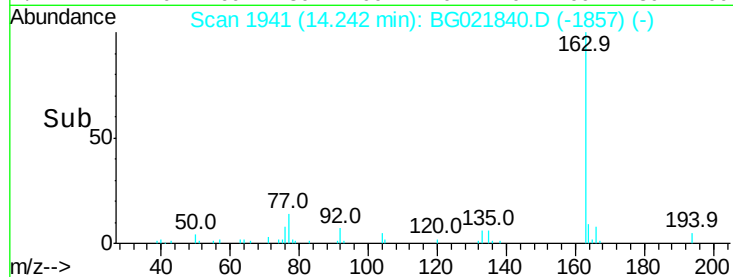
164 9.0 8.7 13.1



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



#75

Fluoranthene

Concen: 1.60 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021840.D

Acq: 11 May 2016 12:20

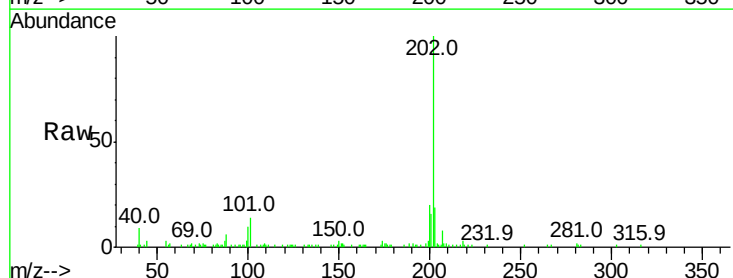
Tgt Ion:202 Resp: 49301

Ion Ratio Lower Upper

202 100

101 14.0 8.9 13.3#

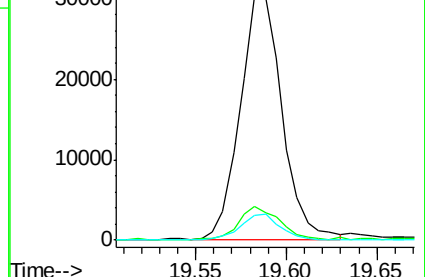
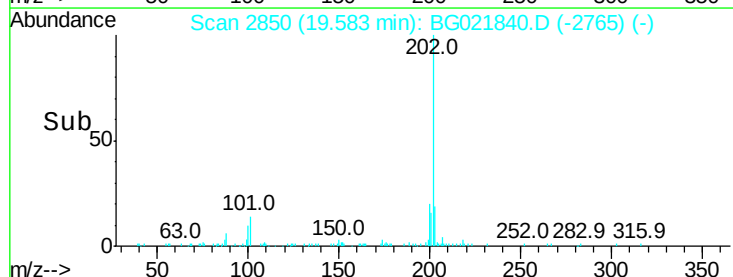
100 10.3 7.0 10.4

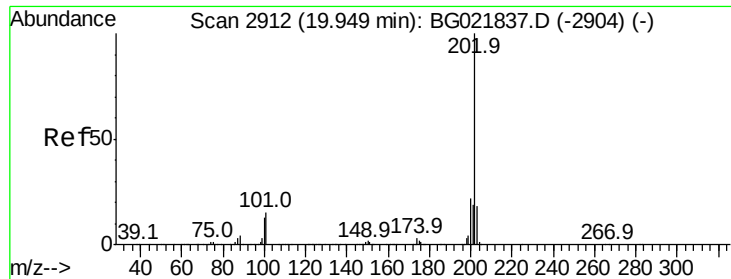


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

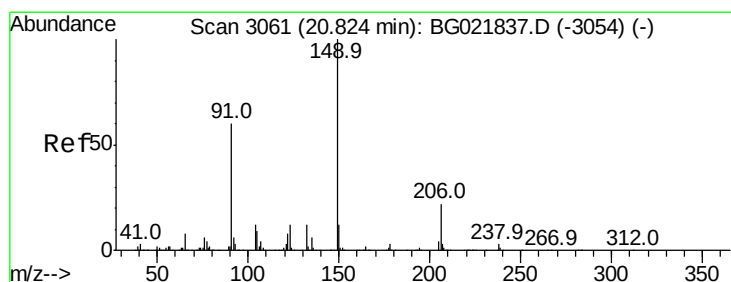
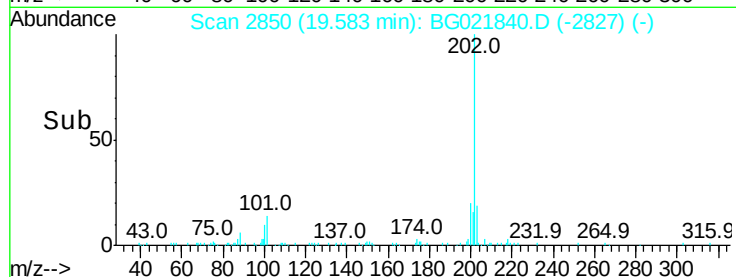
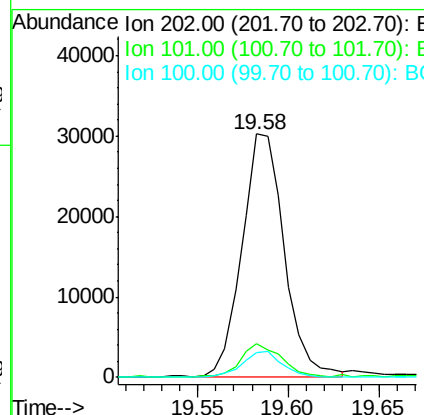
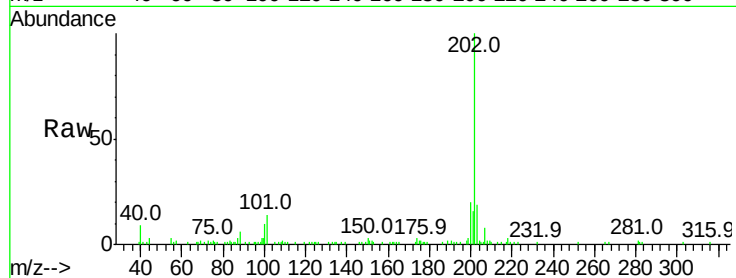




#78
 Pvrene
 Concen: 1.70 ng/ul
 RT: 19.58 min Scan# 2850
 Delta R.T. -0.37 min
 Lab File: BG021840.D
 Acq: 11 May 2016 12:20

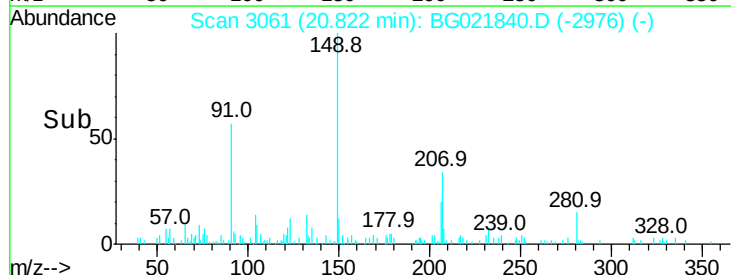
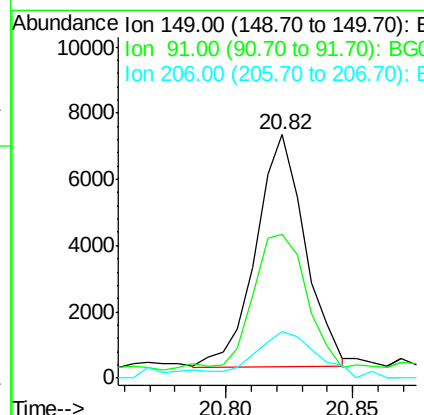
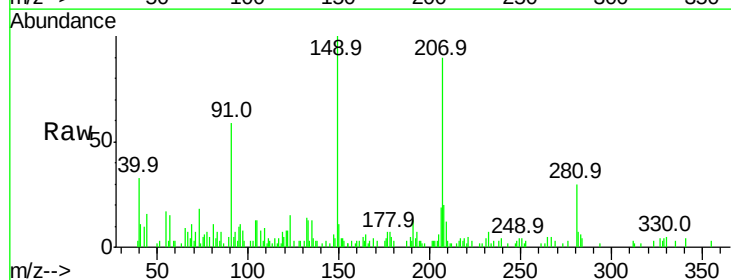
Instrument :
 BNA_G
 ClientSampleId :
 D9X86

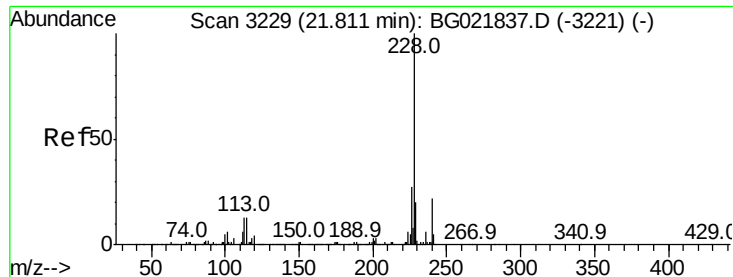
Tot Ion:	202	Resp:	49301
Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.8	14.8
100	10.3	9.3	13.9



#79
 Butylbenzylphthalate
 Concen: 1.48 ng/ul
 RT: 20.82 min Scan# 3061
 Delta R.T. -0.00 min
 Lab File: BG021840.D
 Acq: 11 May 2016 12:20

Tgt Ion:	149	Resp:	9503
Ion	Ratio	Lower	Upper
149	100		
91	59.0	65.8	98.8#
206	19.1	15.5	23.3





#81

Benzo(a)anthracene

Concen: 1.13 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. 0.06 min

Lab File: BG021840.D

Acq: 11 May 2016 12:20

Instrument :

BNA_G

ClientSampleId :

D9X86

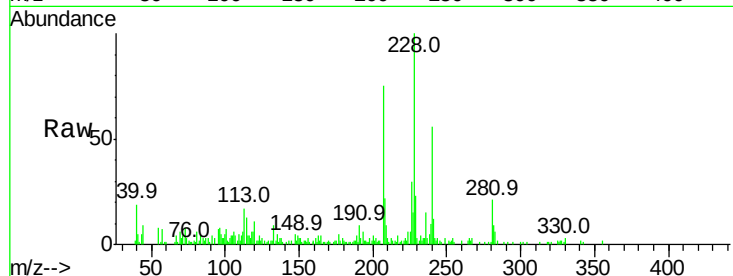
Tot Ion:228 Resp: 31650

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.6	25.0
226	29.9	21.0	31.4

228 100

229 23.2 16.6 25.0

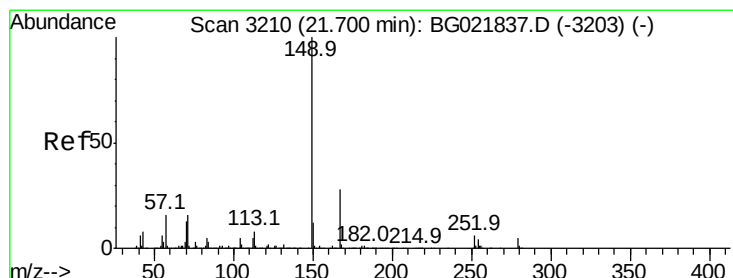
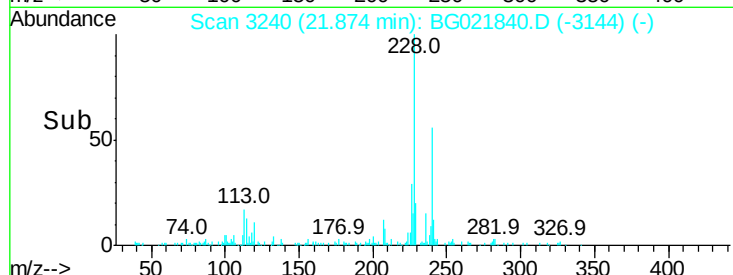
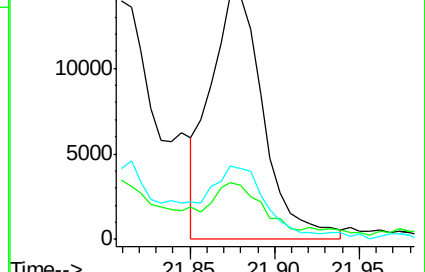
226 29.9 21.0 31.4



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: 3.03 ng/ul

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG021840.D

Acq: 11 May 2016 12:20

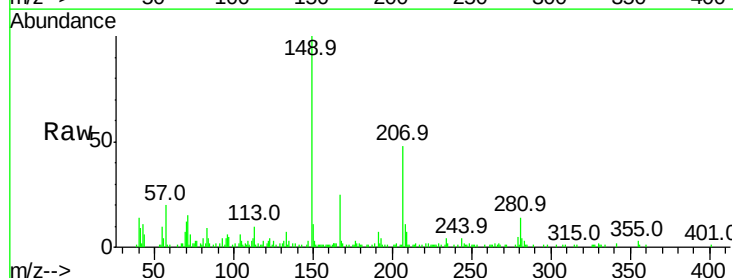
Tgt Ion:149 Resp: 31778

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.5	30.7
279	4.6	3.7	5.5

149 100

167 25.5 20.5 30.7

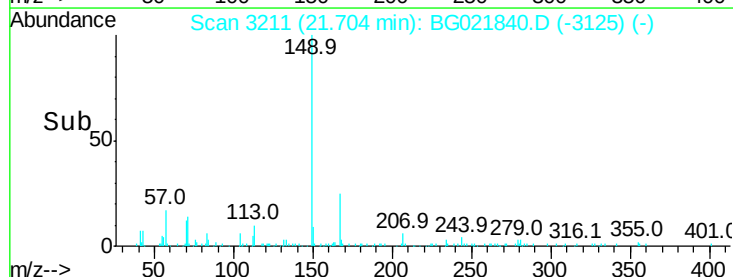
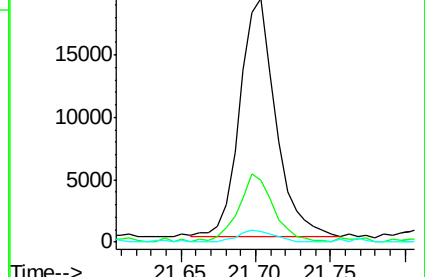
279 4.6 3.7 5.5

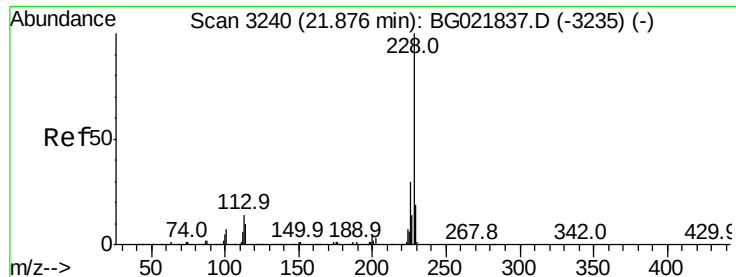


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 1.13 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG021840.D

Acq: 11 May 2016 12:20

Instrument :

BNA_G

ClientSampleId :

D9X86

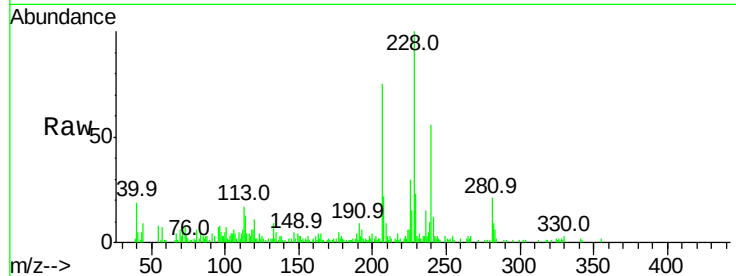
Tot Ion:228 Resp: 31275

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

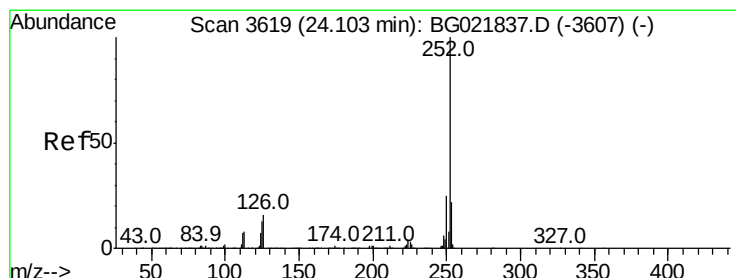
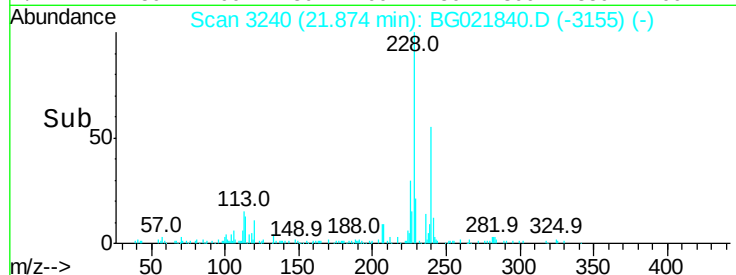
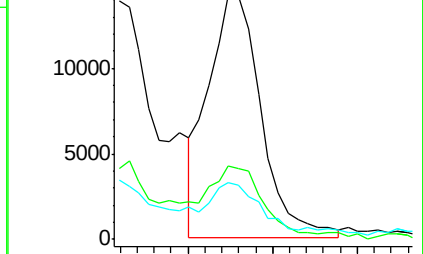
229 23.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Benzo(b)fluoranthene

Concen: 1.88 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG021840.D

Acq: 11 May 2016 12:20

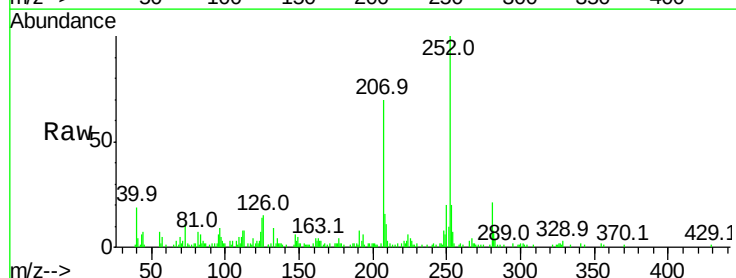
Tgt Ion:252 Resp: 53433

Ion Ratio Lower Upper

252 100

253 19.5 18.1 27.1

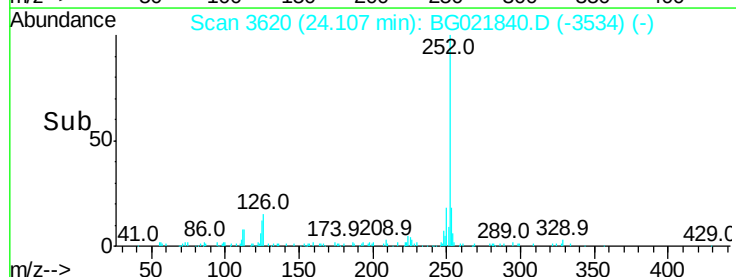
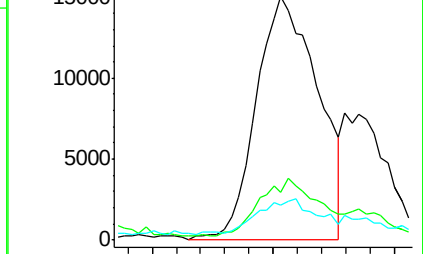
125 14.5 7.6 11.4#

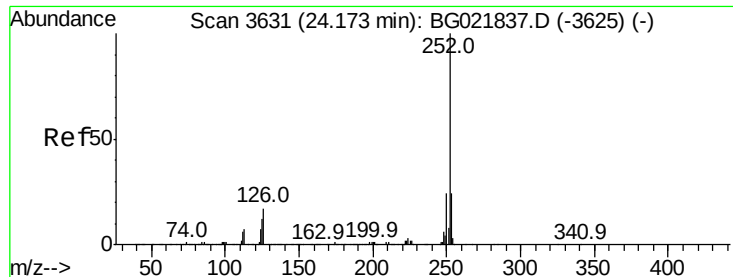


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

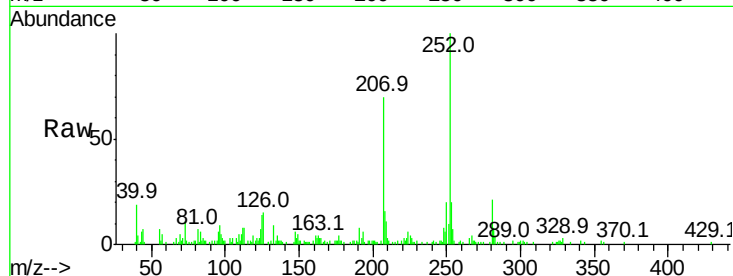




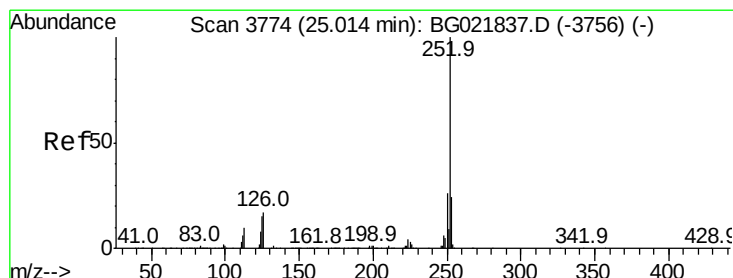
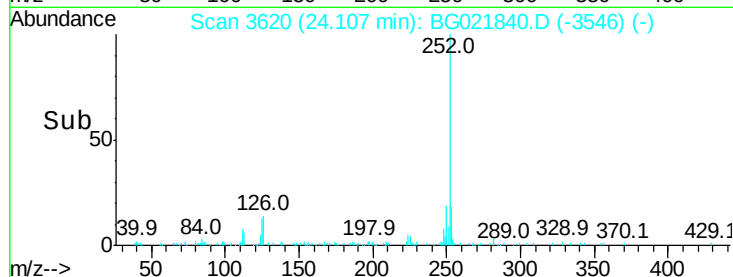
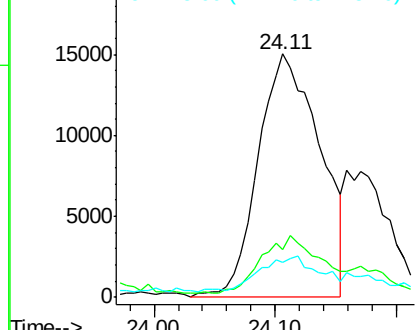
#87
Benzo(k)fluoranthene
Concen: 1.76 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. -0.07 min
Lab File: BG021840.D
Acq: 11 May 2016 12:20

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	19.5	17.8	26.8
125	14.5	7.7	11.5

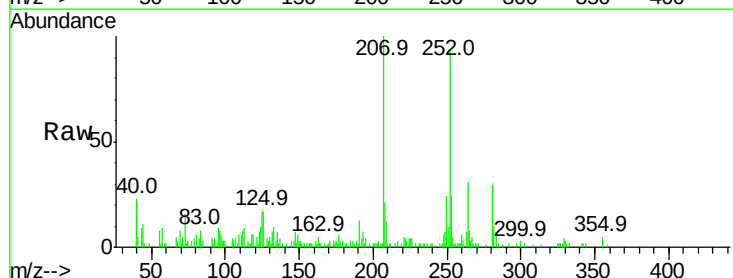


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 1.07 ng/ul
RT: 25.01 min Scan# 3774
Delta R.T. -0.00 min
Lab File: BG021840.D
Acq: 11 May 2016 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	17.8	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

