

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021848.D
 Acq On : 11 May 2016 17:39
 Operator : UM/SJ
 Sample : H2937-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X94

Quant Time: May 12 04:50:04 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	80554	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	429418	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	262815	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	554757	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	551196	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	541235	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	4694	2.81	ng/uL	0.00
5) Phenol-d5	7.33	99	100355	16.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	48151	16.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	90891	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	75275	14.99	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	47556	16.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	49174	27.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	433	0.09	ng/ul	0.10
29) 4-Chloroaniline-d4	11.38	131	286	0.05	ng/ul	0.24
44) Dimethylphthalate-d6	14.20	166	334456	18.12	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	447163	17.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	40075	12.66	ng/ul	0.00
58) Fluorene-d10	15.79	176	309812	15.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	39305	25.58	ng/ul	0.00
71) Anthracene-d10	17.65	188	437525	16.20	ng/ul	0.00
77) Pyrene-d10	19.92	212	488441	18.93	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	448855	17.45	ng/ul	0.00

Target Compounds

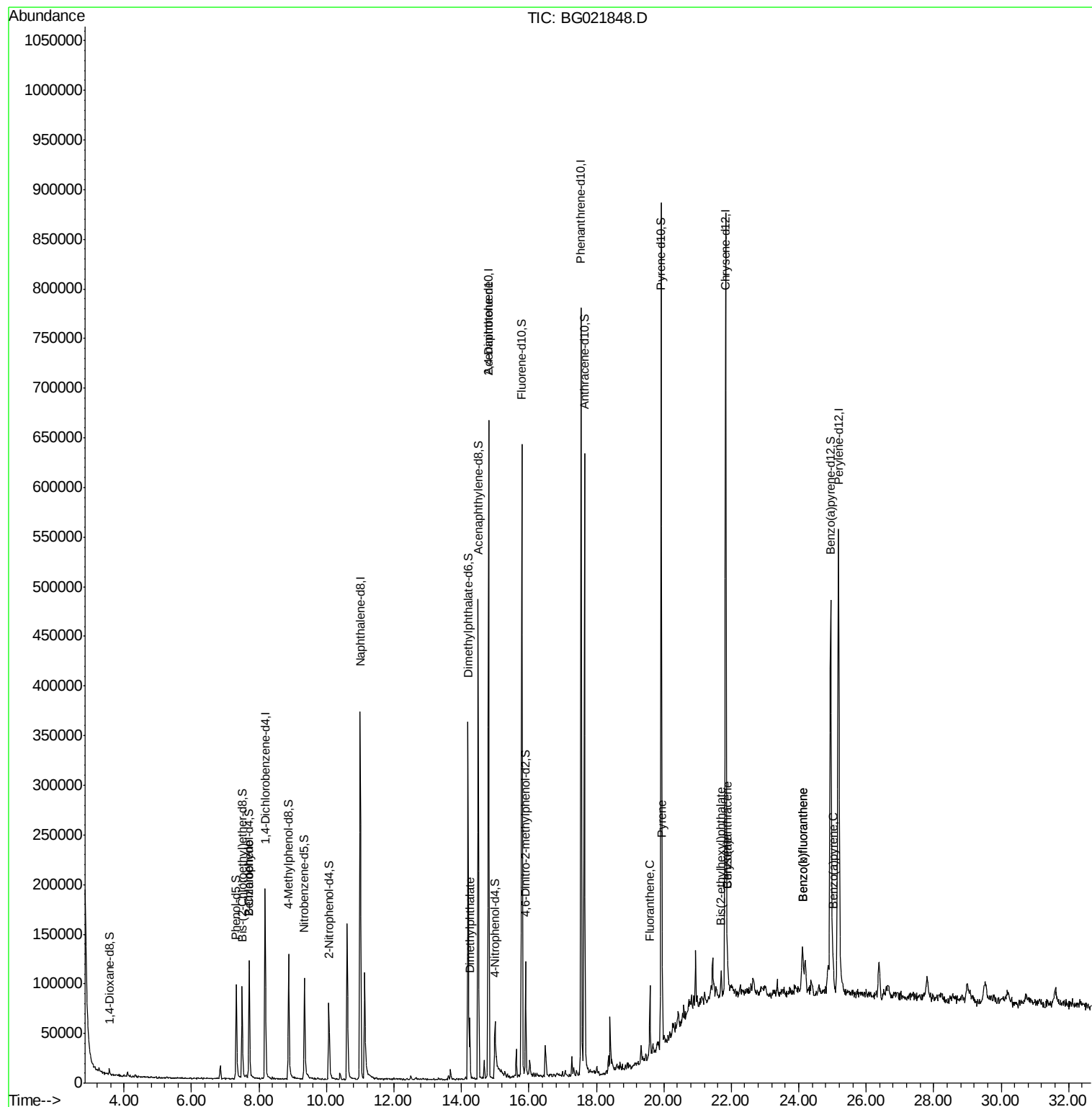
						Ovalue
4) Benzaldehyde	7.70	77	1517	2.33	ng/ul#	82
45) Dimethylphthalate	14.24	163	51238	2.72	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	34783	6.77	ng/ul#	25
75) Fluoranthene	19.59	202	42998	1.25	ng/ul#	93
78) Pyrene	19.95	202	52166	1.64	ng/ul	97
81) Benzo(a)anthracene	21.88	228	34745	1.13	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.70	149	15339	1.33	ng/ul#	98
83) Chrysene	21.88	228	34212	1.13	ng/ul	96
86) Benzo(b)fluoranthene	24.11	252	62551	2.02	ng/ul#	91
87) Benzo(k)fluoranthene	24.11	252	62551	1.89	ng/ul#	91
89) Benzo(a)pyrene	25.01	252	35783	1.16	ng/ul#	95

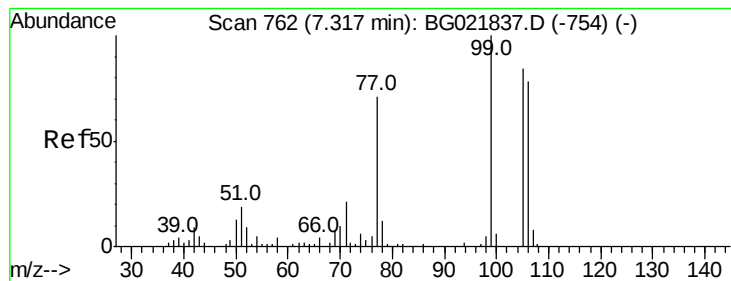
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#4

Benzaldehyd

Concen: 2.33 ng/ul

RT: 7.70 min Scan# 828

Delta R.T. 0.39 min

Lab File: BG021848.D

Acq: 11 May 2016 17:39

Instrument :

BNA_G

ClientSampled :

D9X94

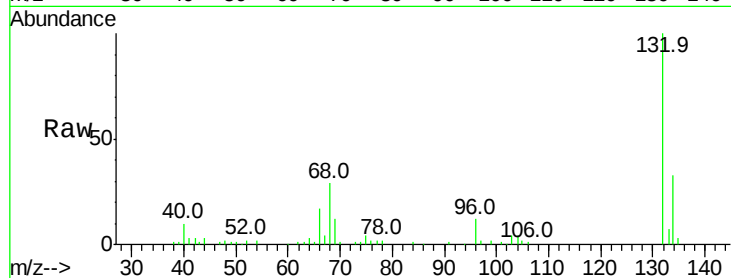
Tot Ion: 77 Resp: 1517

Ion Ratio Lower Upper

77 100

105 75.6 68.5 102.7

106 59.2 65.0 97.4#



Abundance Ion 77.00 (76.70 to 77.70): B

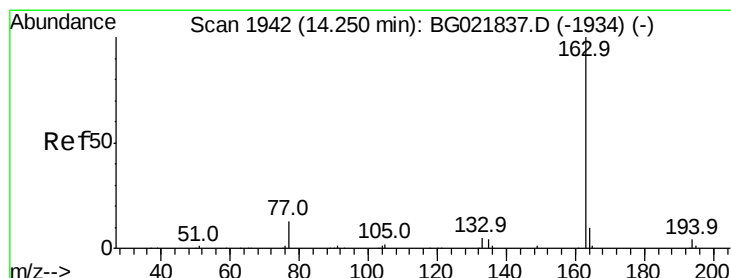
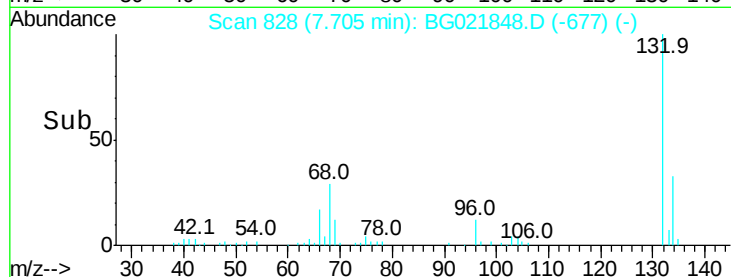
Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

7.70

7.75

Time-->



#45

Dimethylphthalate

Concen: 2.72 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG021848.D

Acq: 11 May 2016 17:39

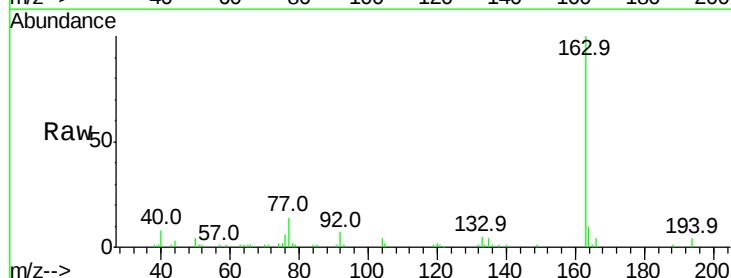
Tgt Ion:163 Resp: 51238

Ion Ratio Lower Upper

163 100

194 4.3 3.9 5.9

164 10.1 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): B

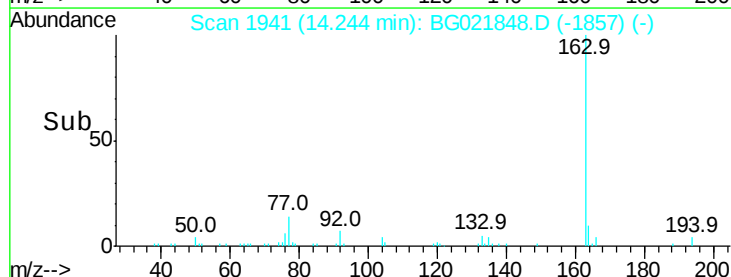
Ion 194.00 (193.70 to 194.70): B

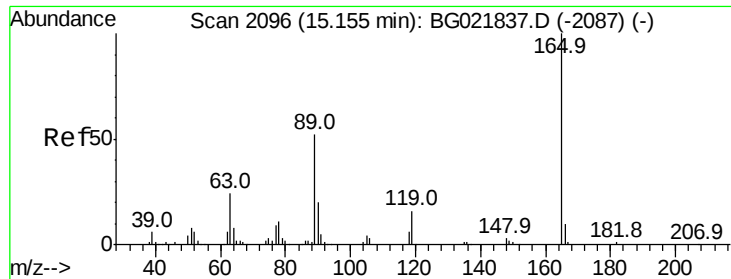
Ion 164.00 (163.70 to 164.70): B

14.24

14.30

Time-->

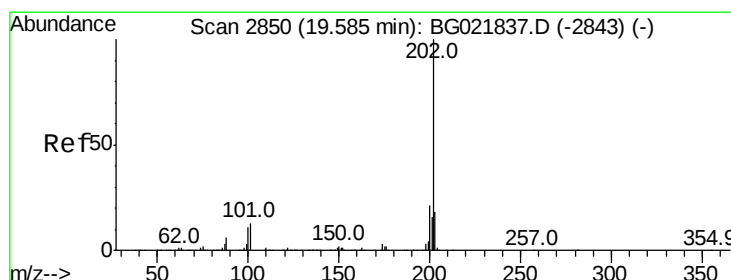
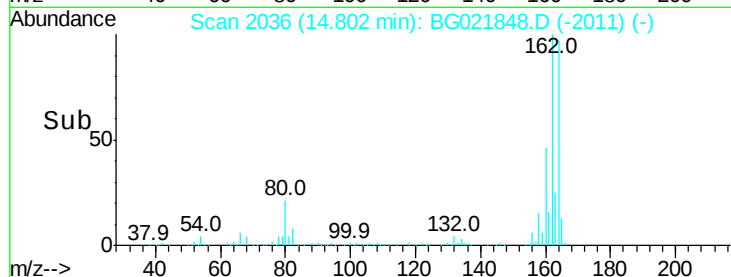
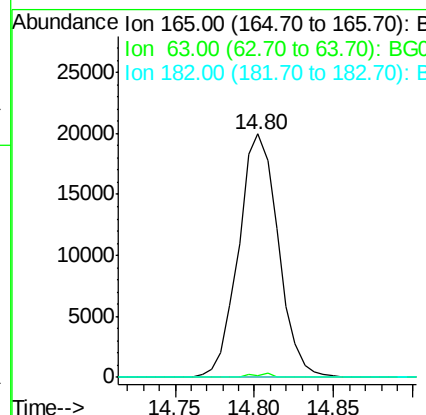
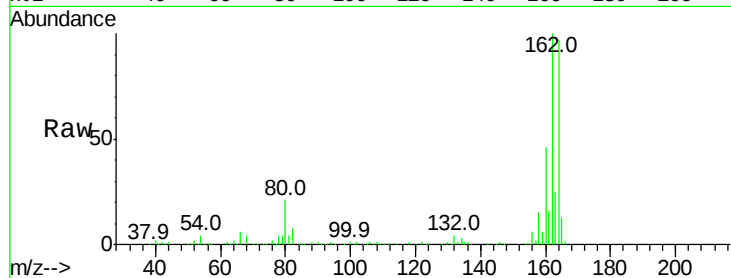




#55
 2,4-Dinitrotoluene
 Concen: 6.77 ng/ul
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.35 min
 Lab File: BG021848.D
 Acq: 11 May 2016 17:39

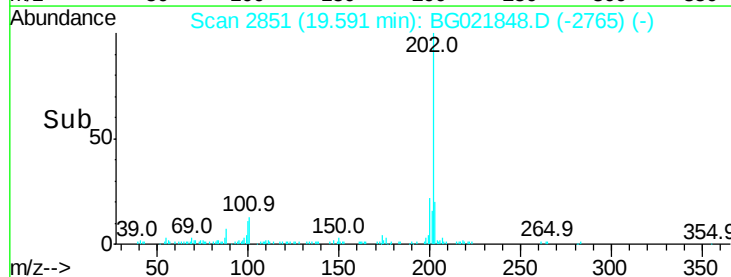
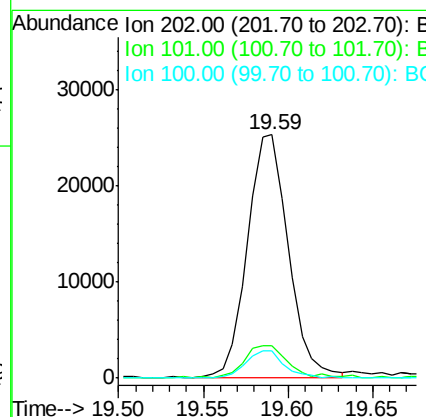
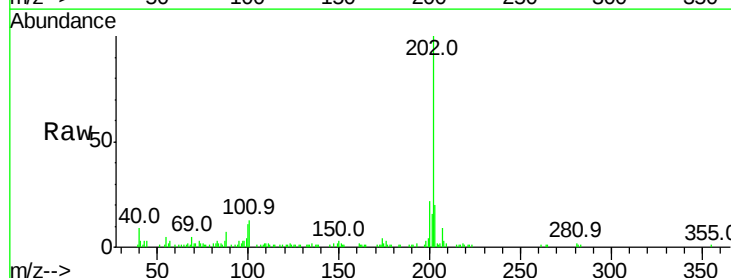
Instrument :
 BNA_G
 ClientSampleId :
 D9X94

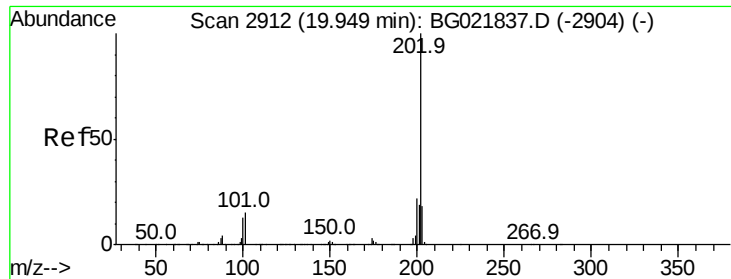
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	48.1	72.1#
182	0.0	2.2	3.2#



#75
 Fluoranthene
 Concen: 1.25 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.01 min
 Lab File: BG021848.D
 Acq: 11 May 2016 17:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	8.9	13.3#
100	11.4	7.0	10.4#

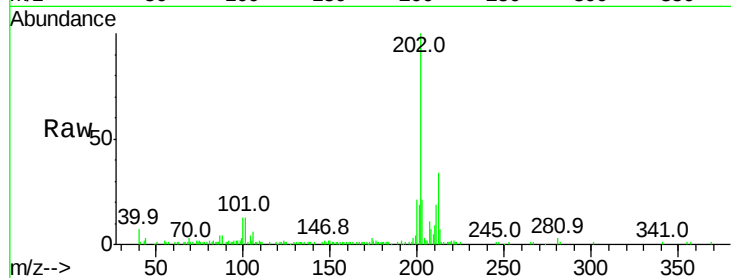




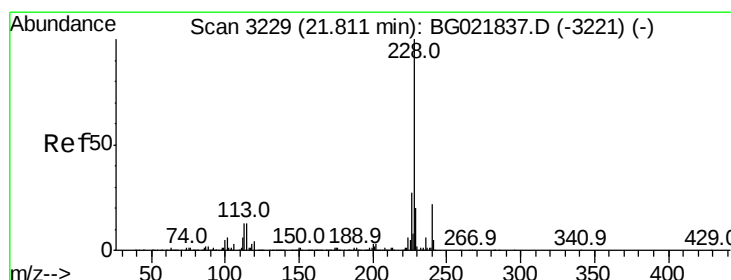
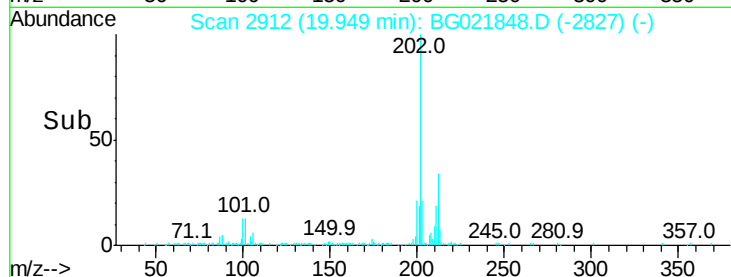
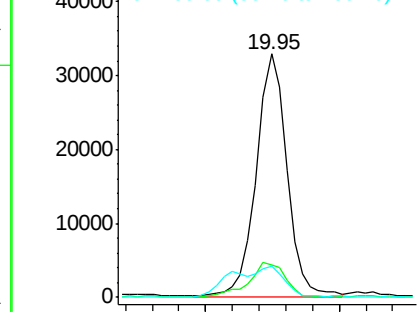
#78
Pvrene
Concen: 1.64 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. 0.00 min
Lab File: BG021848.D
Acq: 11 May 2016 17:39

Instrument :
BNA_G
ClientSampleId :
D9X94

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.8
100	12.8	9.3	13.9

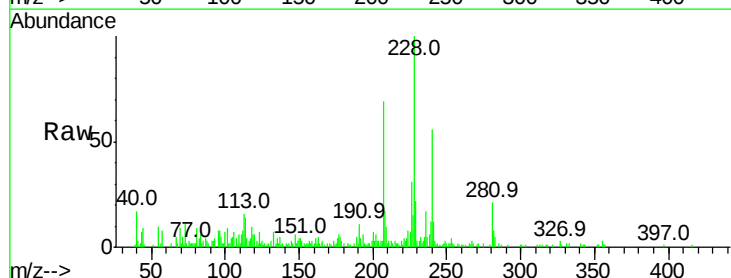


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

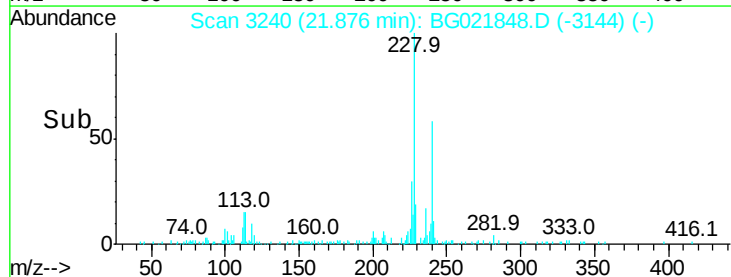
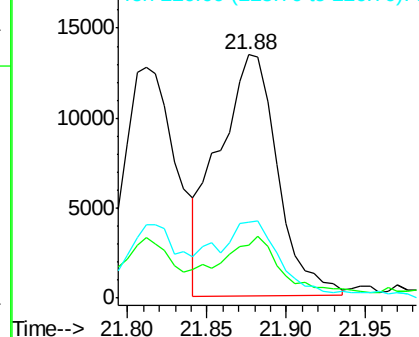


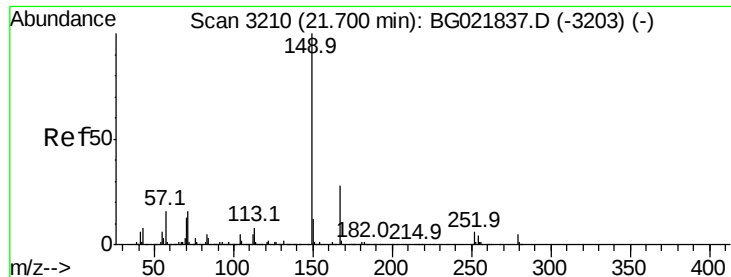
#81
Benzo(a)anthracene
Concen: 1.13 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. 0.06 min
Lab File: BG021848.D
Acq: 11 May 2016 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	25.0
226	31.2	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

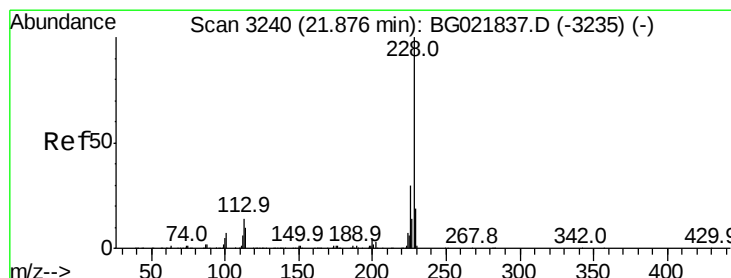
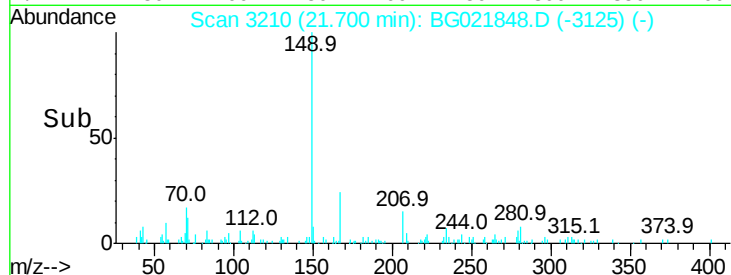
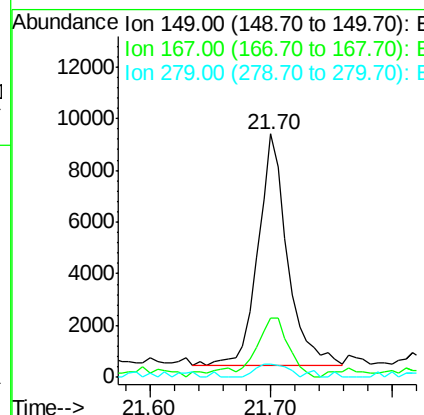
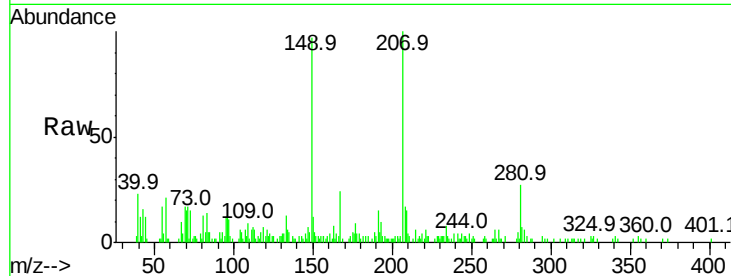




#82
 Bis(2-ethylhexyl)phthalate
 Concen: 1.33 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG021848.D
 Acq: 11 May 2016 17:39

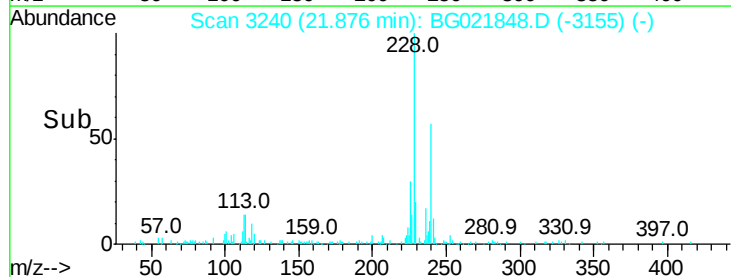
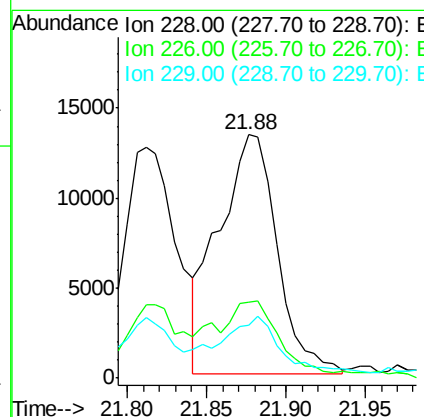
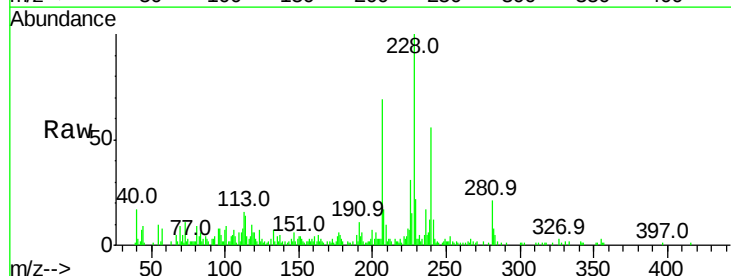
Instrument :
 BNA_G
 ClientSampleId :
 D9X94

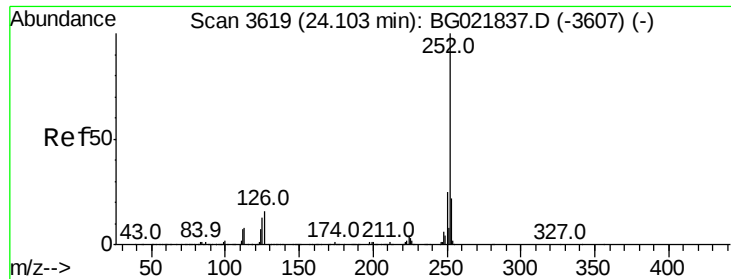
Tot Ion:149 Resp: 15339
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.5 30.7
 279 5.6 3.7 5.5#



#83
 Chrysene
 Concen: 1.13 ng/ul
 RT: 21.88 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BG021848.D
 Acq: 11 May 2016 17:39

Tgt Ion:228 Resp: 34212
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.4 35.2
 229 21.9 16.2 24.2





#86

Benzo(b)fluoranthene

Concen: 2.02 ng/ul

RT: 24.11 min Scan# 3621

Delta R.T. 0.01 min

Lab File: BG021848.D

Acq: 11 May 2016 17:39

Instrument :

BNA_G

ClientSampleId :

D9X94

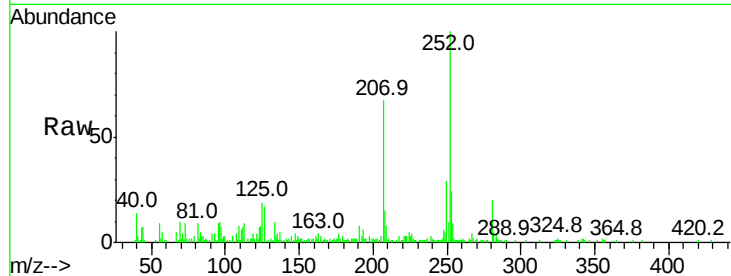
Tot Ion:252 Resp: 62551

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

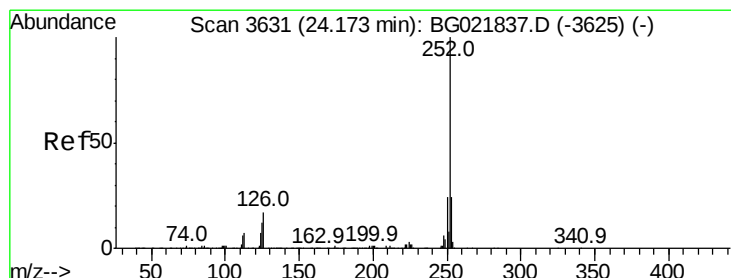
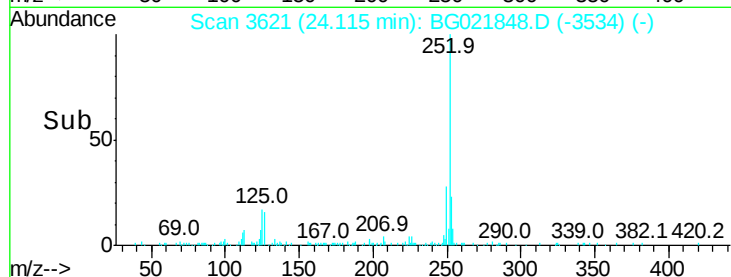
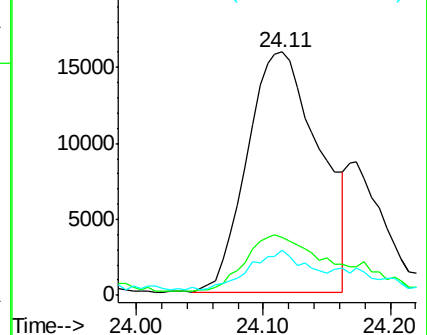
125 18.6 7.6 11.4#



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: 1.89 ng/ul

RT: 24.11 min Scan# 3621

Delta R.T. -0.06 min

Lab File: BG021848.D

Acq: 11 May 2016 17:39

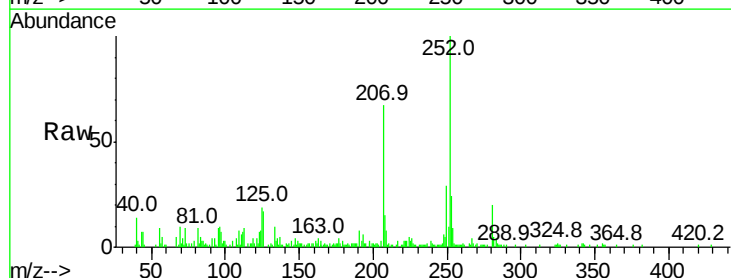
Tgt Ion:252 Resp: 62551

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

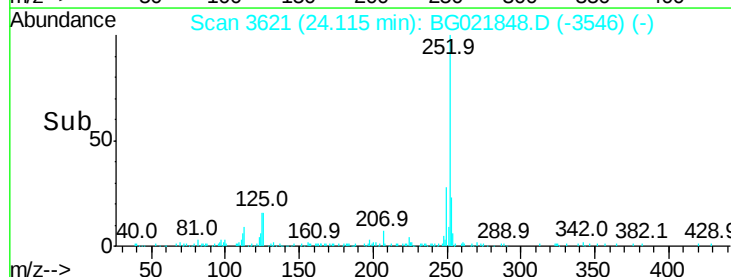
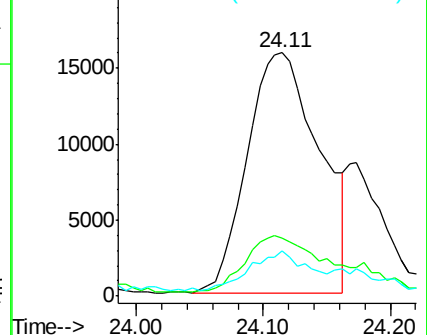
125 18.6 7.7 11.5#

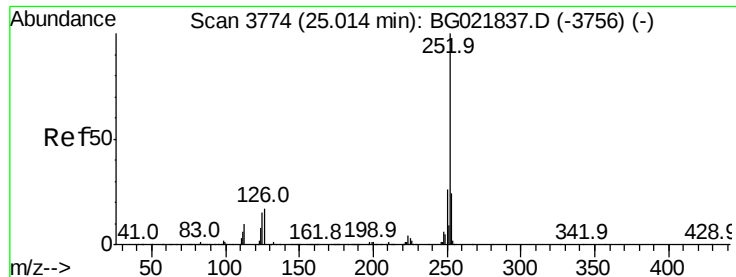


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.16 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. 0.00 min

Lab File: BG021848.D

Acq: 11 May 2016 17:39

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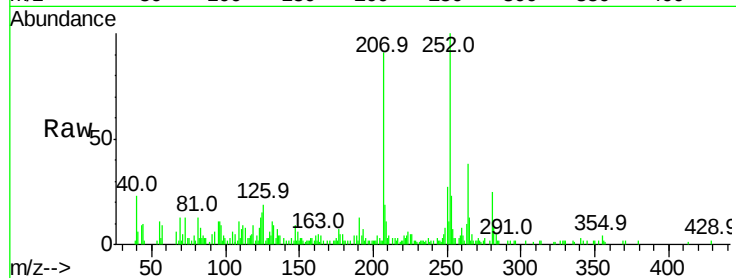
Tot Ion:252 Resp: 35783

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 14.7 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

