

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021906.D
 Acq On : 16 May 2016 14:46
 Operator : UM/SJ
 Sample : H3095-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE8

Quant Time: May 17 00:33:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	78791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	410180	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	248832	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	525523	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	528312	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	529012	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5532	3.39	ng/uL	0.00
5) Phenol-d5	7.31	99	121270	20.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	54255	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	106825	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	108102	22.01	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	56440	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	61936	36.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	116512	24.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	117361	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	383835	21.96	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	505047	20.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	59565	19.88	ng/ul	0.00
58) Fluorene-d10	15.78	176	357488	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	51056	35.07	ng/ul	0.00
71) Anthracene-d10	17.63	188	508670	19.88	ng/ul	0.00
77) Pyrene-d10	19.54	212	6624	0.27	ng/ul	-0.36
88) Benzo(a)pyrene-d12	24.92	264	513229	20.42	ng/ul	0.00

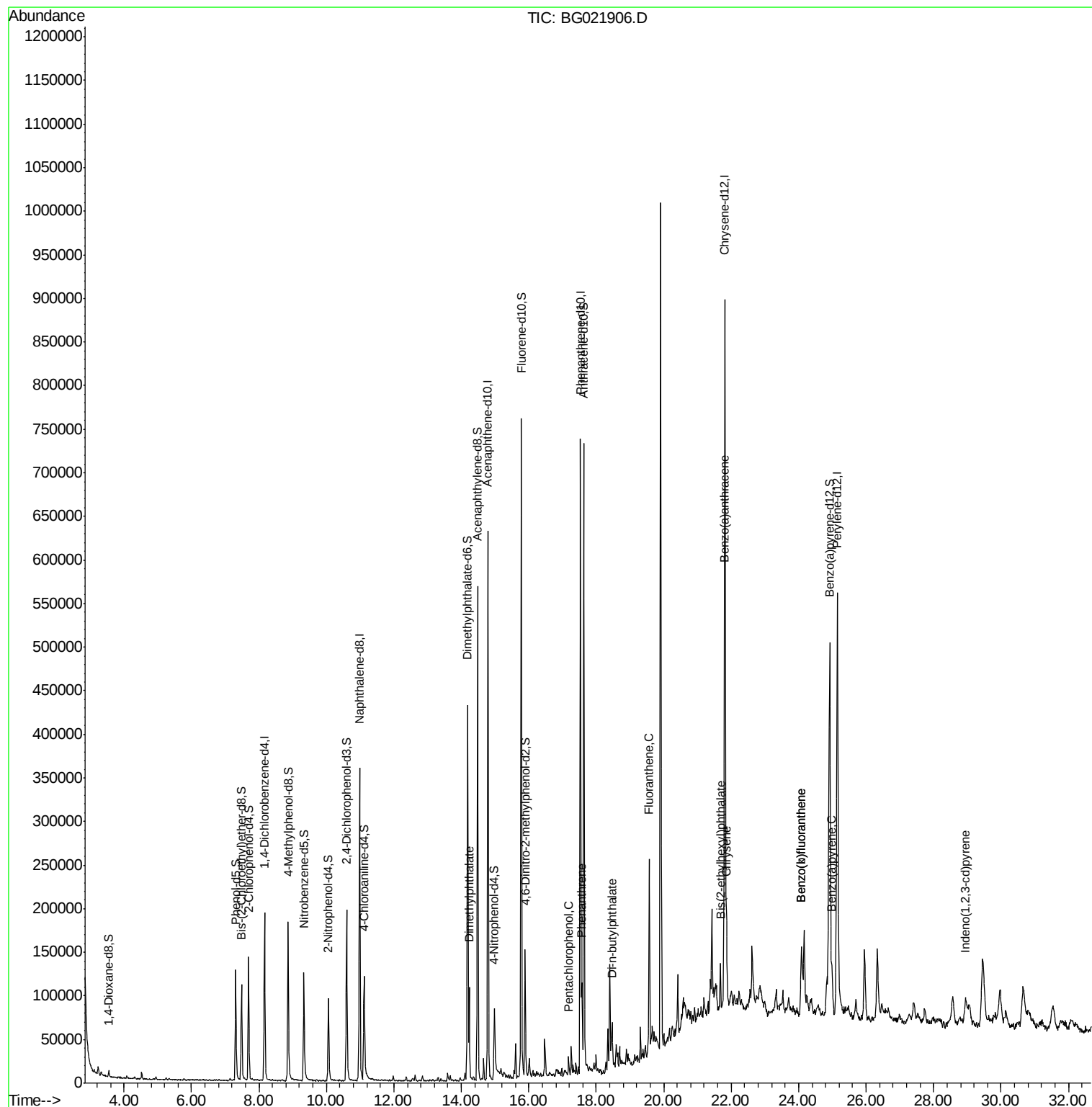
Target Compounds				Ovalue		
45) Dimethylphthalate	14.23	163	87778	4.93	ng/ul	99
69) Pentachlorophenol	17.18	266	3918	1.62	ng/ul	97
70) Phenanthrene	17.57	178	71075	2.47	ng/ul	99
74) Di-n-butylphthalate	18.47	149	40894	1.78	ng/ul#	95
75) Fluoranthene	19.57	202	145425	4.46	ng/ul	97
81) Benzo(a)anthracene	21.79	228	72082	2.45	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.68	149	27299	2.47	ng/ul	98
83) Chrysene	21.86	228	72516	2.49	ng/ul	97
86) Benzo(b)fluoranthene	24.09	252	107692	3.56	ng/ul#	94
87) Benzo(k)fluoranthene	24.09	252	107692	3.32	ng/ul#	94
89) Benzo(a)pyrene	24.98	252	64357	2.14	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	28.95	276	44381	1.24	ng/ul	93

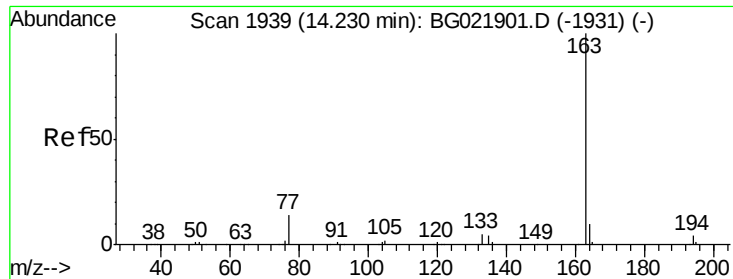
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.93 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

Instrument :

BNA_G

ClientSampleId :

D9XE8

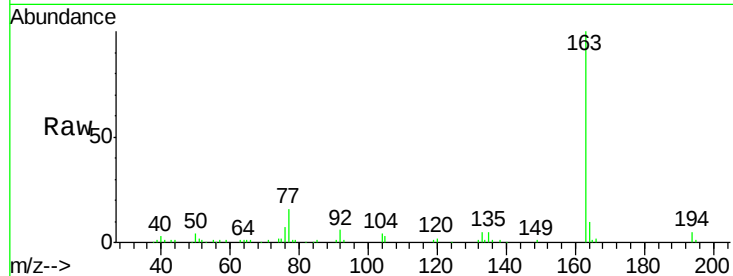
Tot Ion:163 Resp: 87778

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

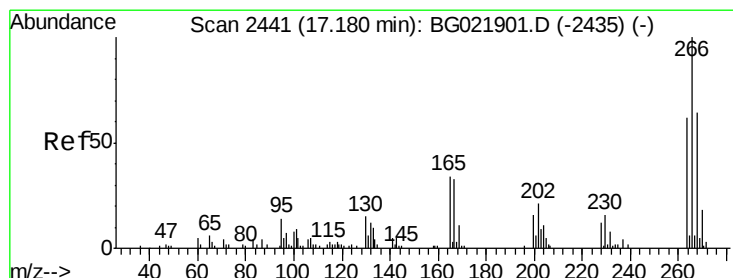
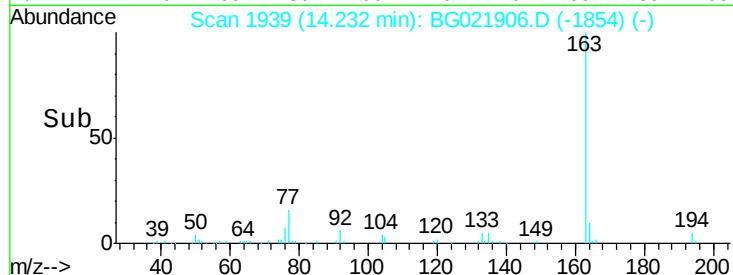
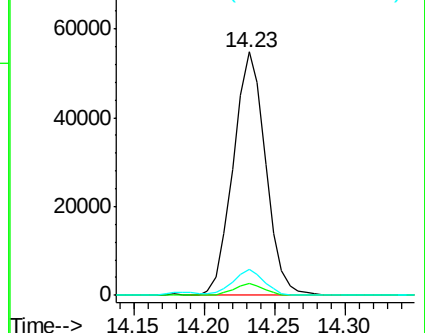
164 10.5 8.7 13.1



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



#69

Pentachlorophenol

Concen: 1.62 ng/ul

RT: 17.18 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

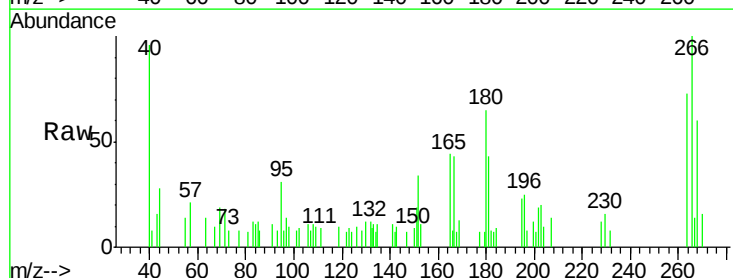
Tgt Ion:266 Resp: 3918

Ion Ratio Lower Upper

266 100

264 72.9 56.7 85.1

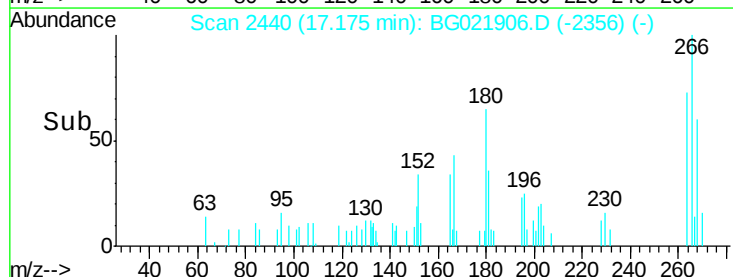
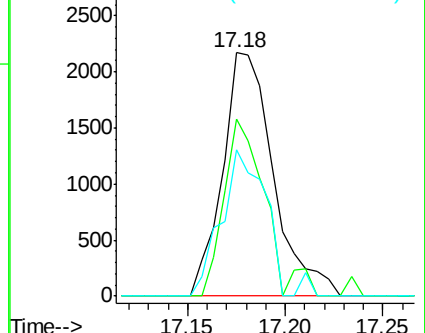
268 60.1 50.6 76.0

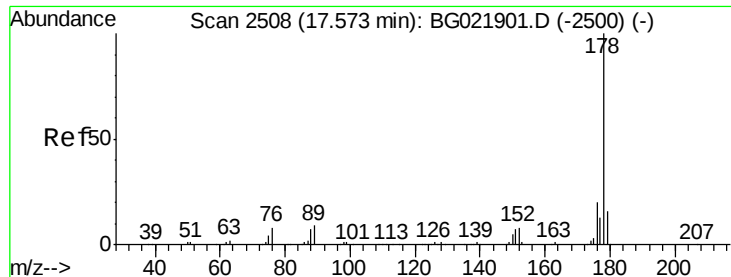


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 2.47 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

Instrument :

BNA_G

ClientSampled :

D9XE8

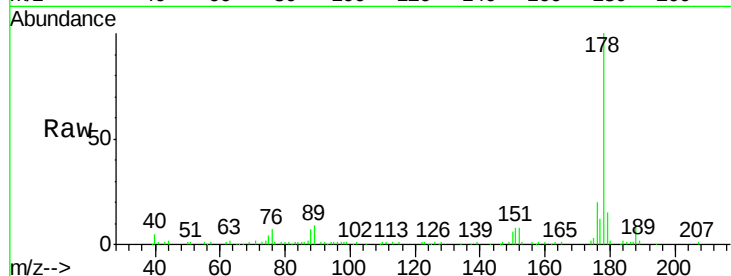
Tot Ion:178 Resp: 71075

Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.8

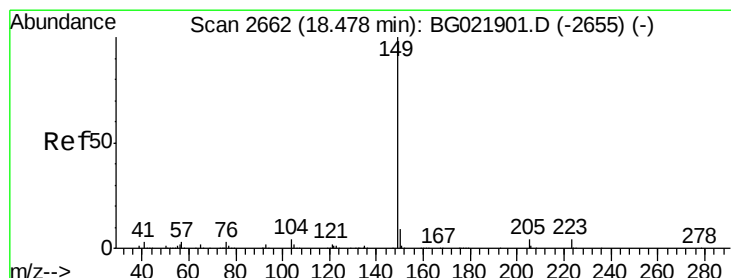
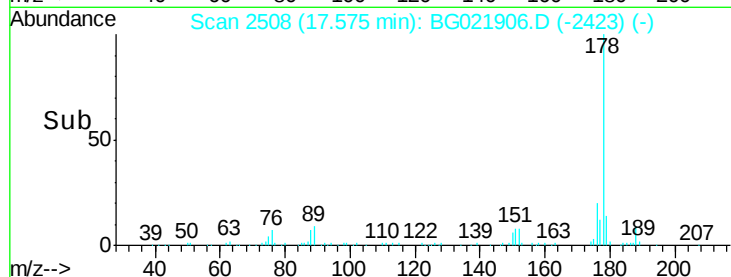
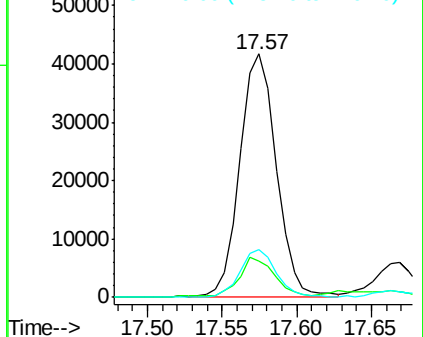
176 19.6 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Di-n-butylphthalate

Concen: 1.78 ng/ul

RT: 18.47 min Scan# 2661

Delta R.T. -0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

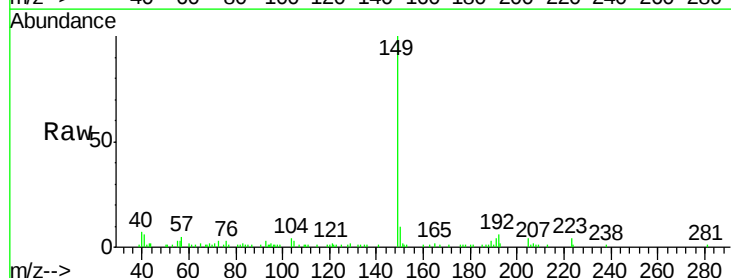
Tgt Ion:149 Resp: 40894

Ion Ratio Lower Upper

149 100

150 10.1 7.5 11.3

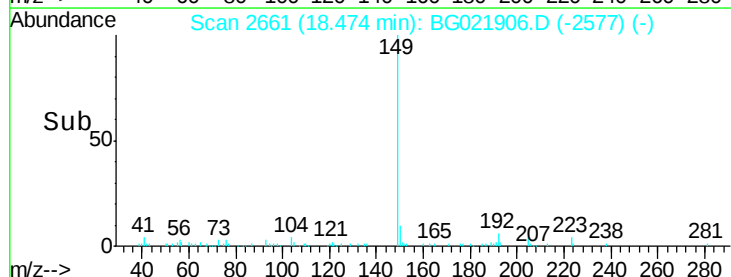
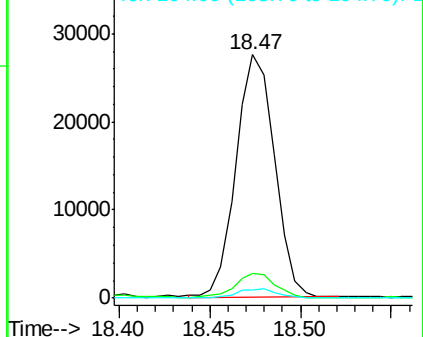
104 3.5 5.4 8.2#

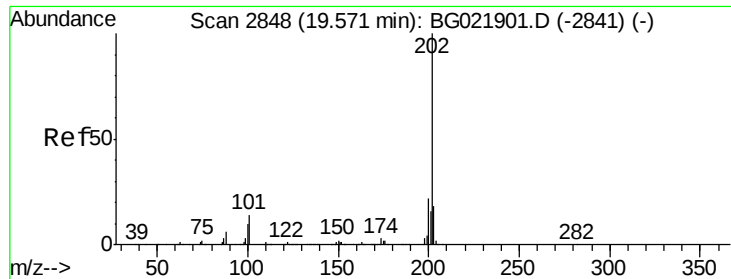


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 4.46 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

Instrument :

BNA_G

ClientSampleId :

D9XE8

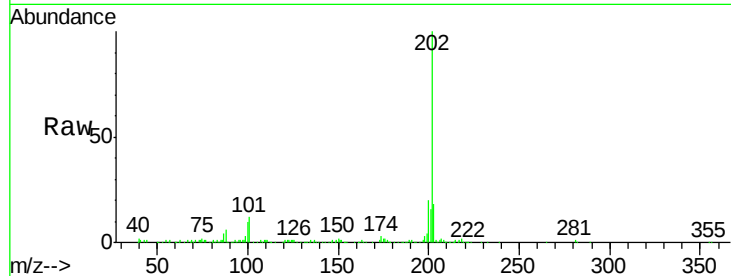
Tot Ion:202 Resp: 145425

Ion Ratio Lower Upper

202 100

101 12.3 8.9 13.3

100 9.9 7.0 10.4

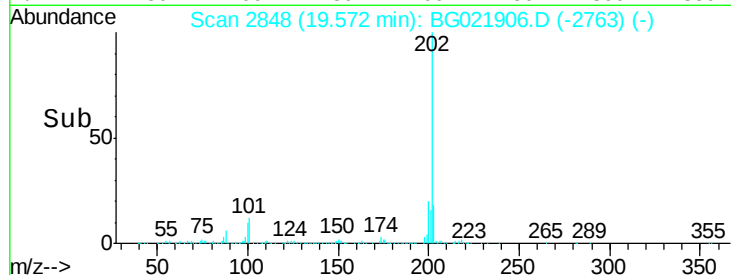


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



120000

100000

80000

60000

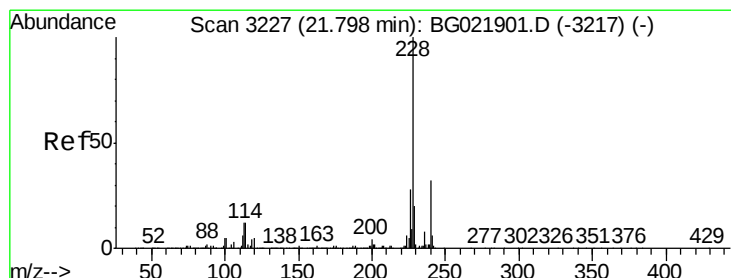
40000

20000

0

19.57

19.50 19.55 19.60



#81

Benzo(a)anthracene

Concen: 2.45 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

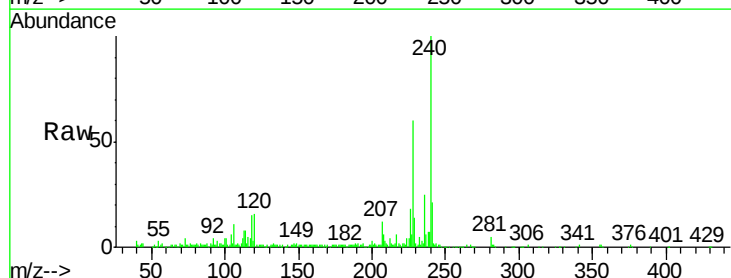
Tgt Ion:228 Resp: 72082

Ion Ratio Lower Upper

228 100

229 22.4 16.6 25.0

226 29.8 21.0 31.4

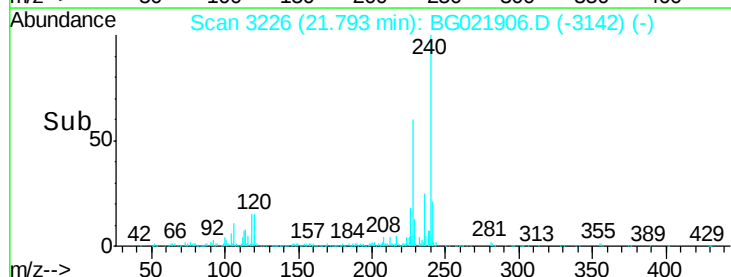


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



50000

40000

30000

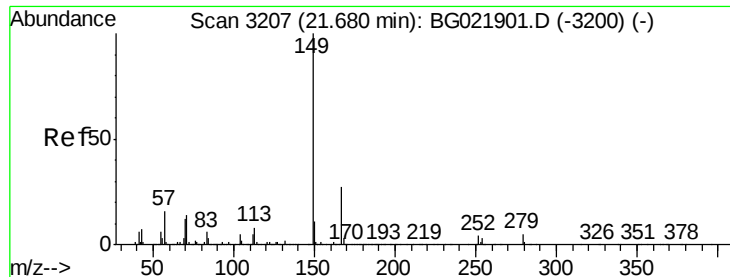
20000

10000

0

21.79

21.70 21.75 21.80 21.85



#82

Bis(2-ethylhexyl)phthalate

Concen: 2.47 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

Instrument :

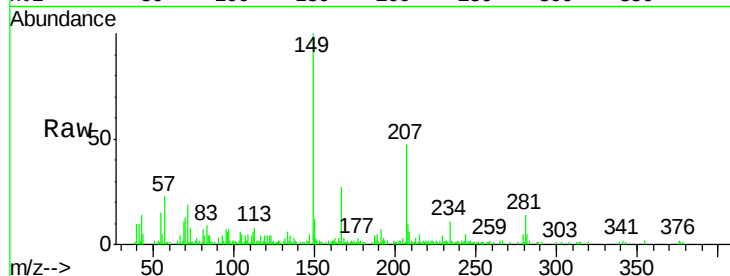
BNA_G

ClientSampleId :

D9XE8

Tot Ion:149 Resp: 27299

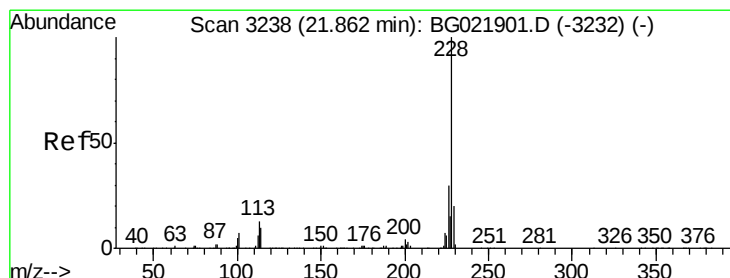
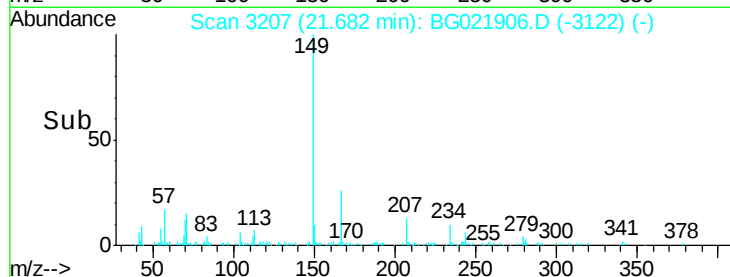
Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.5	30.7
279	5.1	3.7	5.5



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: 2.49 ng/ul

RT: 21.86 min Scan# 3238

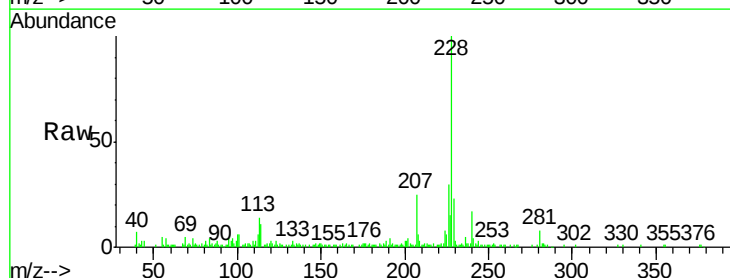
Delta R.T. 0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

Tgt Ion:228 Resp: 72516

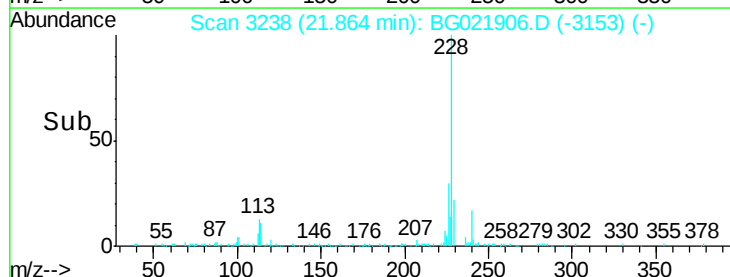
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	23.1	16.2	24.2

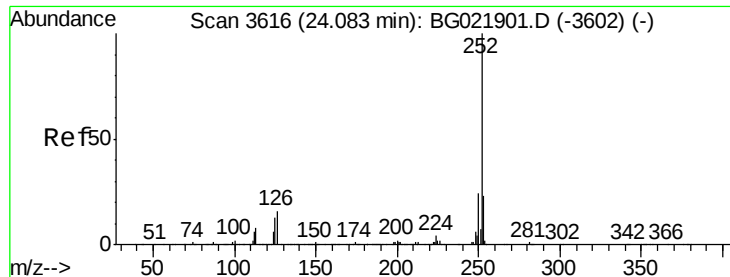


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Benzo(b)fluoranthene

Concen: 3.56 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. 0.01 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

Instrument :

BNA_G

ClientSampleId :

D9XE8

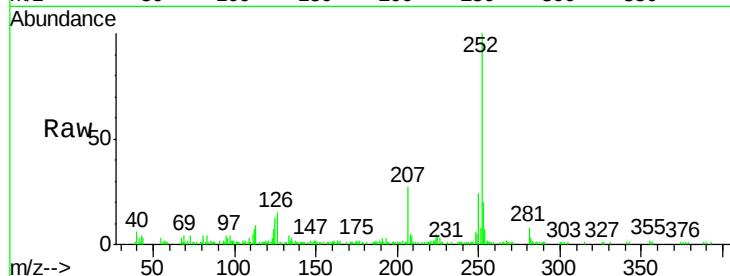
Tot Ion:252 Resp: 107692

Ion Ratio Lower Upper

252 100

253 20.3 18.1 27.1

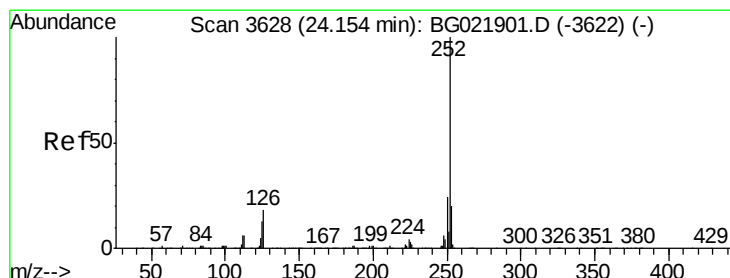
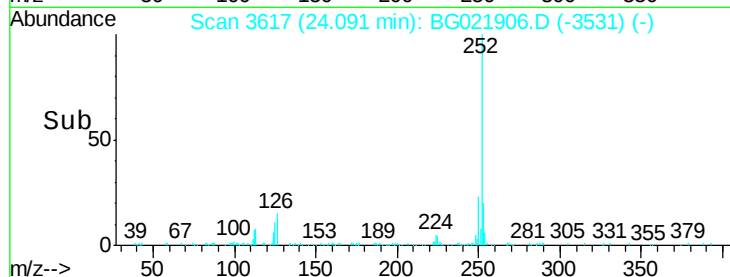
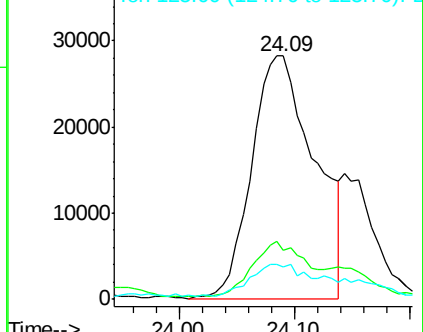
125 13.2 7.6 11.4#



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: 3.32 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. -0.06 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

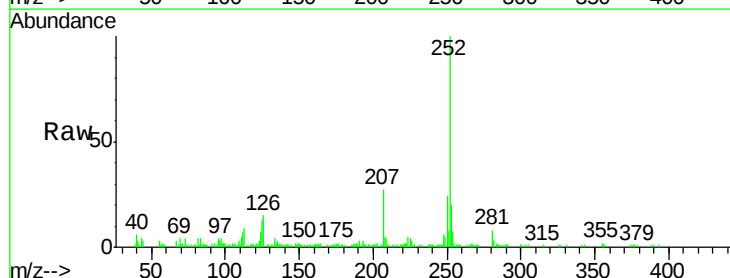
Tgt Ion:252 Resp: 107692

Ion Ratio Lower Upper

252 100

253 20.3 17.8 26.8

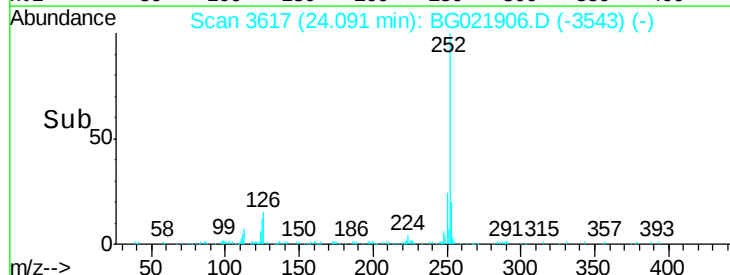
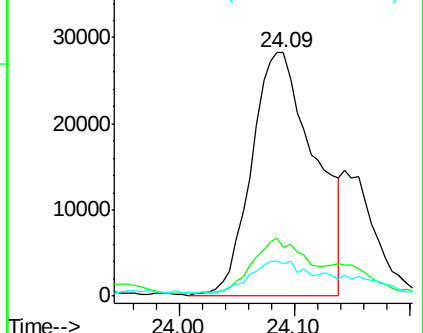
125 13.2 7.7 11.5#

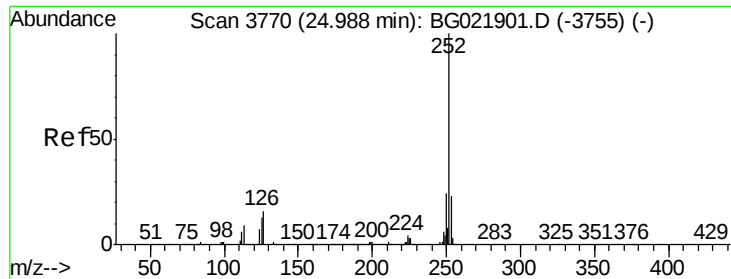


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.14 ng/ul

RT: 24.98 min Scan# 3769

Delta R.T. -0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

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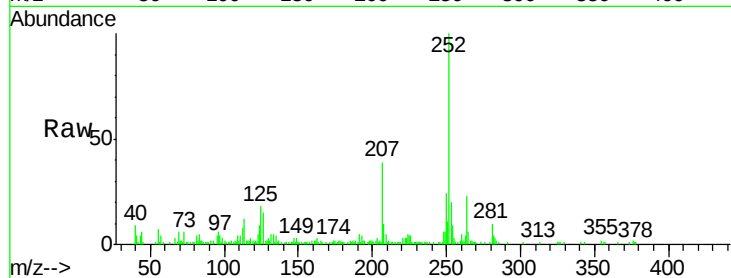
Tot Ion:252 Resp: 64357

Ion Ratio Lower Upper

252 100

253 20.3 17.4 26.0

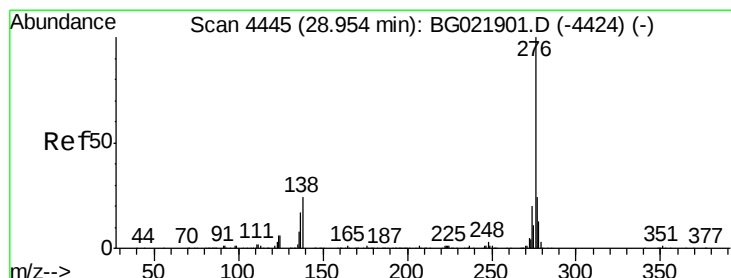
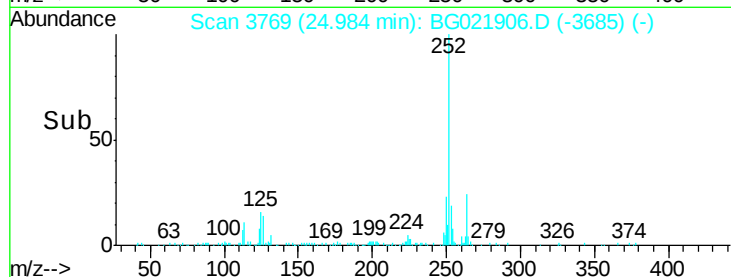
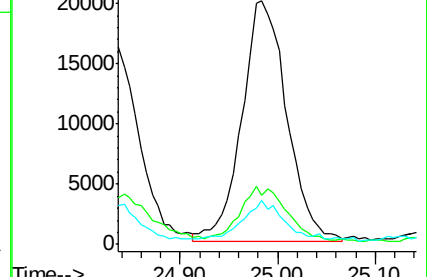
125 17.9 8.2 12.2#



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



#90

Indeno(1,2,3-cd)pyrene

Concen: 1.24 ng/ul

RT: 28.95 min Scan# 4444

Delta R.T. -0.00 min

Lab File: BG021906.D

Acq: 16 May 2016 14:46

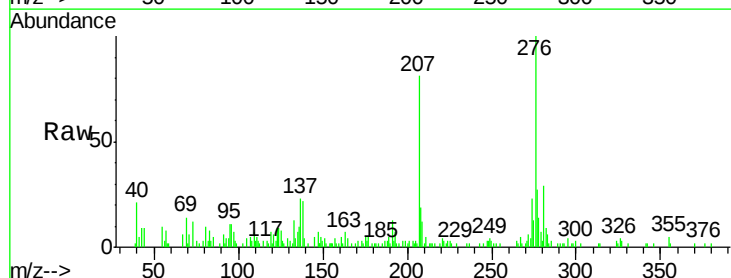
Tgt Ion:276 Resp: 44381

Ion Ratio Lower Upper

276 100

138 22.3 15.8 23.6

277 27.4 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

