

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\
 Data File : BG018532.D
 Acq On : 29 Aug 2015 3:19
 Operator : UM/MA
 Sample : G3448-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 03:29:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:29:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	374324	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	240792	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	547570	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	545142	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	532401	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1727	0.92	ng/uL	0.00
5) Phenol-d5	7.17	99	143772	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	76623	16.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	97217	16.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	122448	19.38	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	57179	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	60495	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	135551	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	154416	21.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	440243	21.73	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	575178	22.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	78617	21.57	ng/ul	0.00
58) Fluorene-d10	15.63	176	408685	23.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	46575	17.29	ng/ul	0.00
71) Anthracene-d10	17.48	188	629726	24.05	ng/ul	0.00
79) Pyrene-d10	19.76	212	638911	22.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	668144	23.64	ng/ul	0.00

Target Compounds

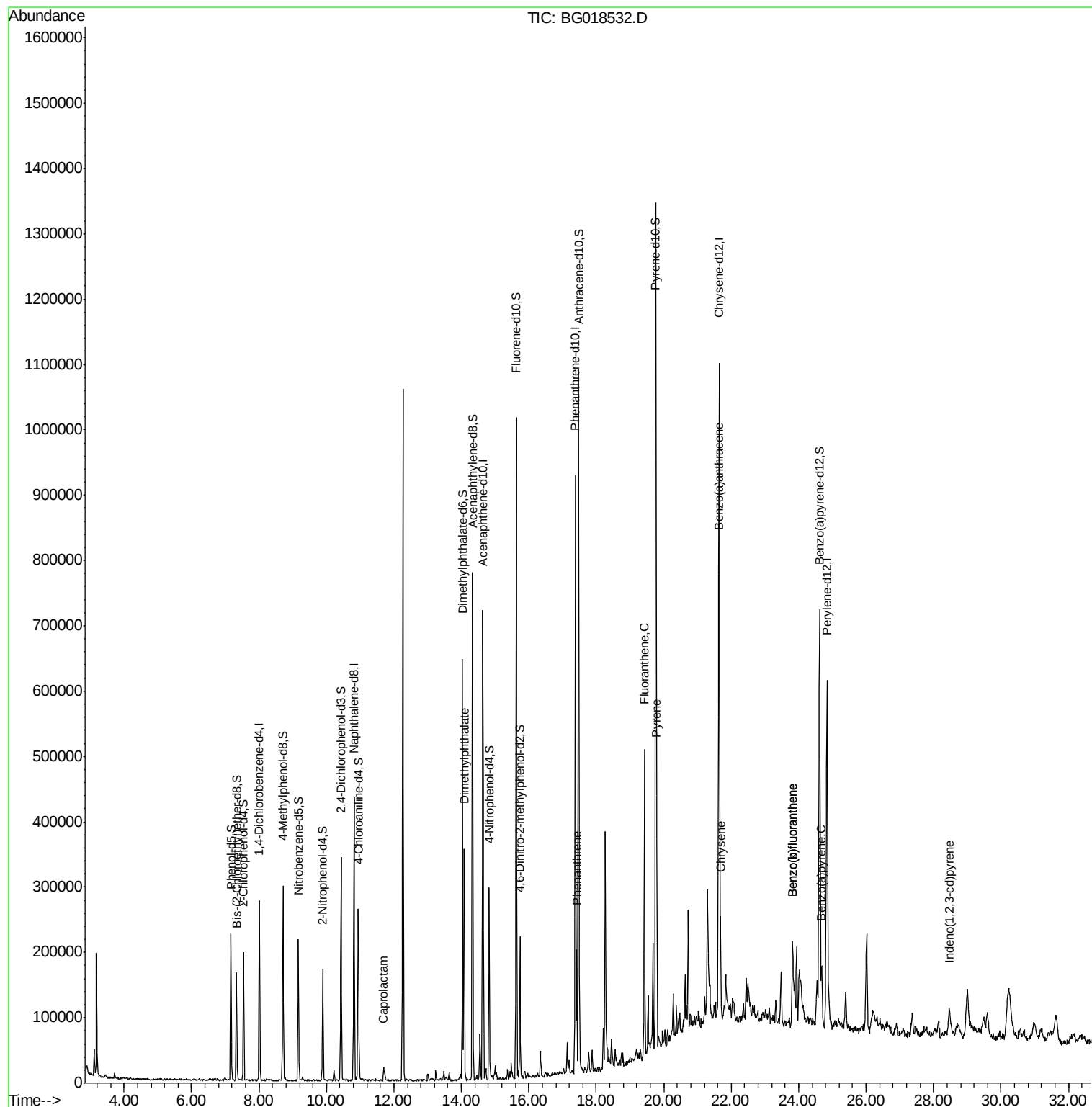
						Ovalue
32) Caprolactam	11.69	113	3949	1.66	ng/ul	89
45) Dimethylphthalate	14.08	163	230214	11.52	ng/ul	98
70) Phenanthrene	17.42	178	112536	3.79	ng/ul	97
77) Fluoranthene	19.43	202	286195	9.02	ng/ul	100
80) Pyrene	19.79	202	235880	6.40	ng/ul	98
83) Benzo(a)anthracene	21.62	228	117029	3.46	ng/ul	99
85) Chrysene	21.69	228	110846	3.51	ng/ul	96
88) Benzo(b)fluoranthene	23.82	252	148462	4.44	ng/ul#	94
89) Benzo(k)fluoranthene	23.82	252	148462	4.61	ng/ul	94
91) Benzo(a)pyrene	24.68	252	95302	3.00	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.47	276	64381	1.75	ng/ul#	92

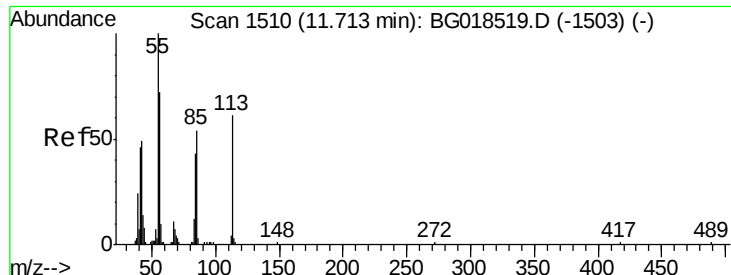
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
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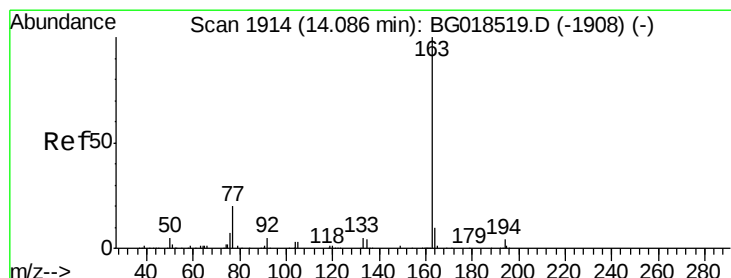
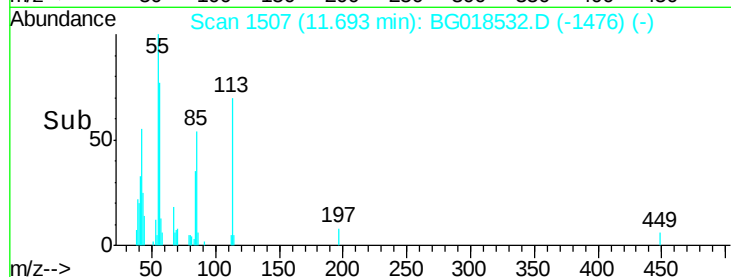
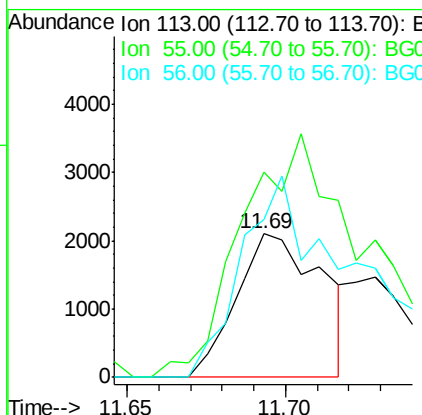
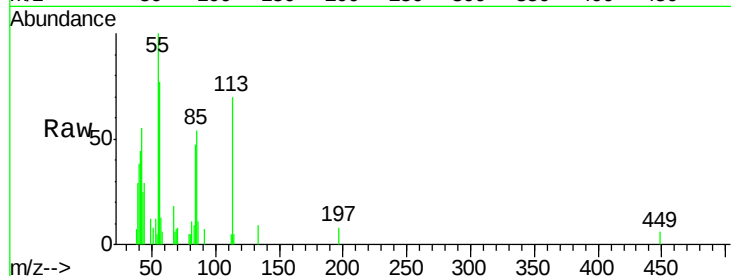




#32
 Caprolactam
 Concen: 1.66 ng/ul
 RT: 11.69 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BG018532.D
 Acq: 29 Aug 2015 3:19

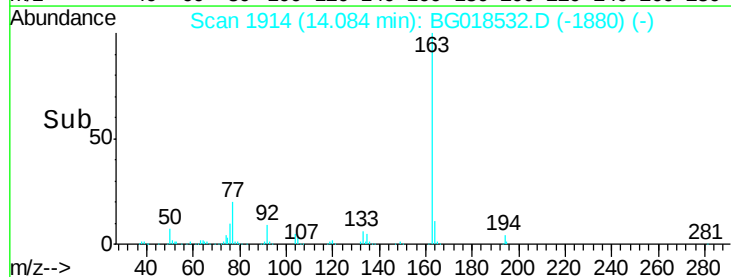
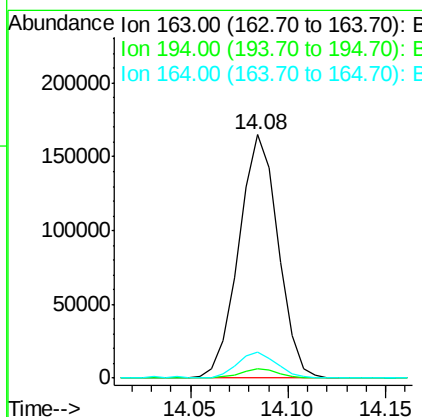
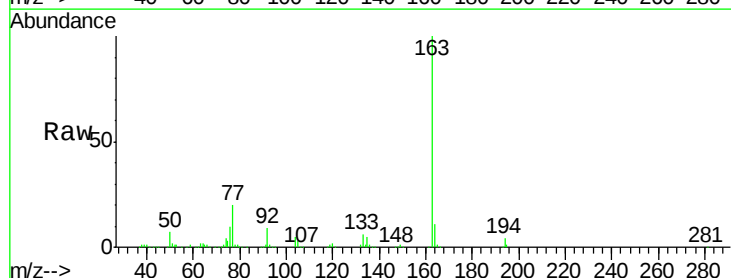
Instrument :
 BNA_G
 ClientSampled :

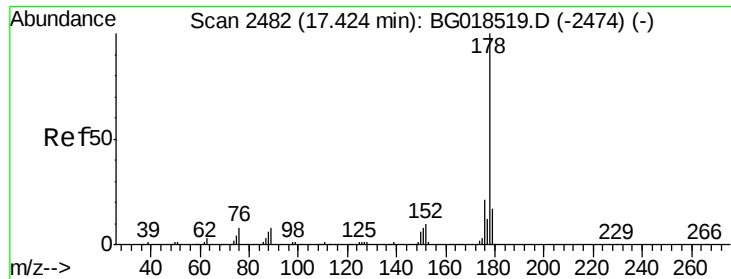
Tot Ion:113 Resp: 3949
 Ion Ratio Lower Upper
 113 100
 55 142.6 124.2 186.4
 56 109.7 98.2 147.4



#45
 Dimethylphthalate
 Concen: 11.52 ng/ul
 RT: 14.08 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BG018532.D
 Acq: 29 Aug 2015 3:19

Tgt Ion:163 Resp: 230214
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 10.7 7.7 11.5





#70

Phenanthrene

Concen: 3.79 ng/ul

RT: 17.42 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG018532.D

Acq: 29 Aug 2015 3:19

Instrument :

BNA_G

ClientSampled :

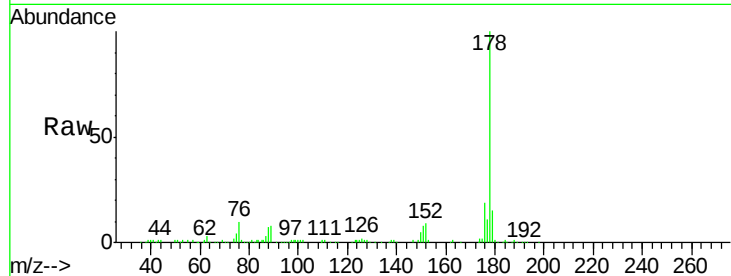
Tot Ion:178 Resp: 112536

Ion Ratio Lower Upper

178 100

179 15.4 13.7 20.5

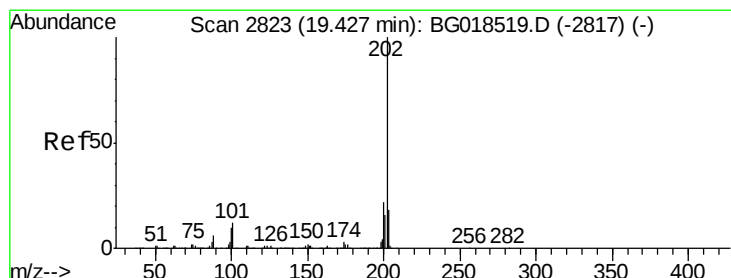
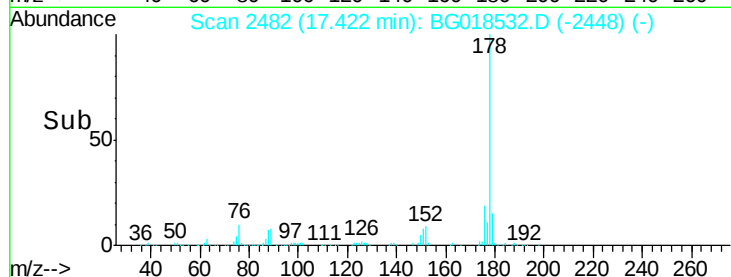
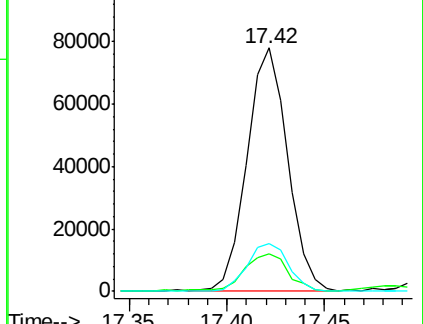
176 19.4 16.6 24.8



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



#77

Fluoranthene

Concen: 9.02 ng/ul

RT: 19.43 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG018532.D

Acq: 29 Aug 2015 3:19

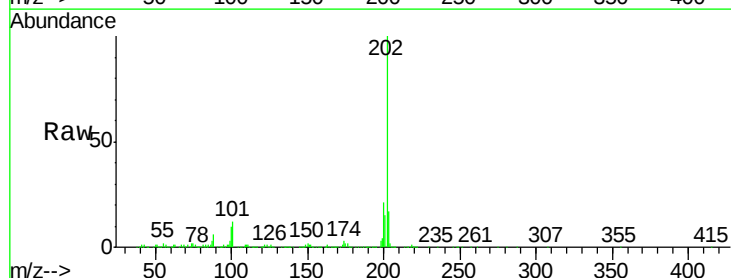
Tgt Ion:202 Resp: 286195

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

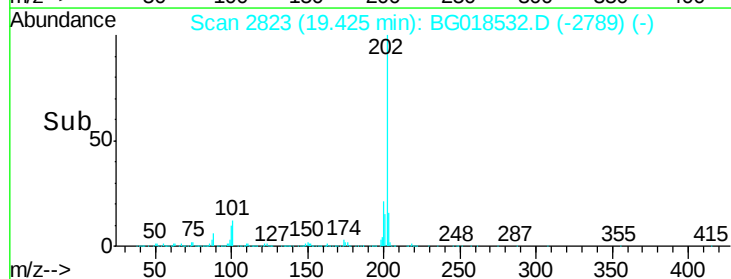
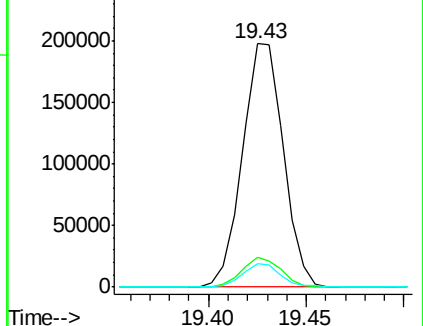
100 9.7 7.8 11.8

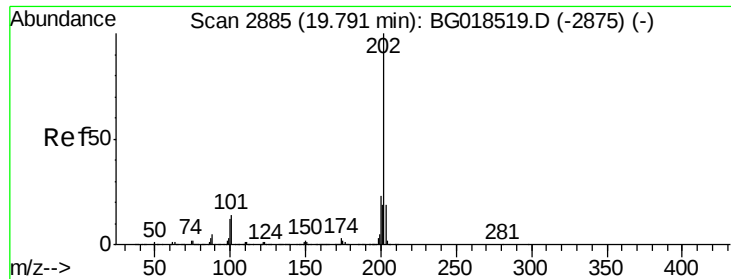


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

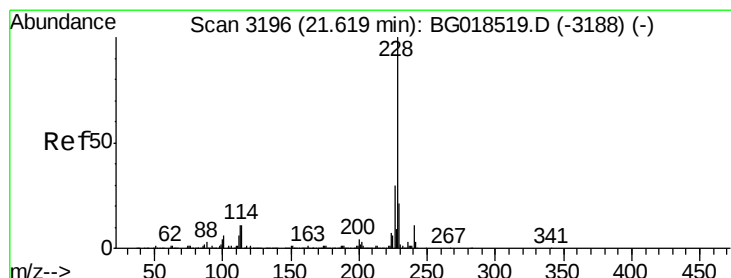
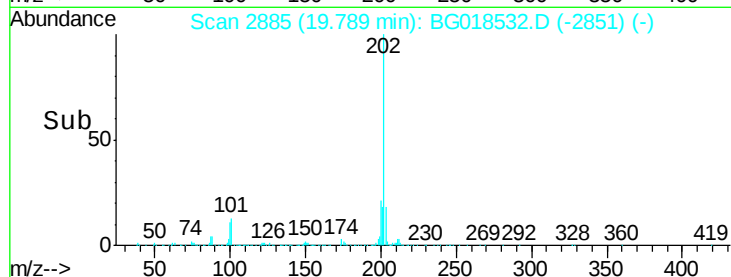
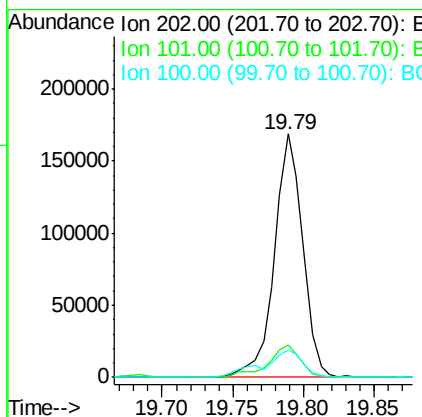
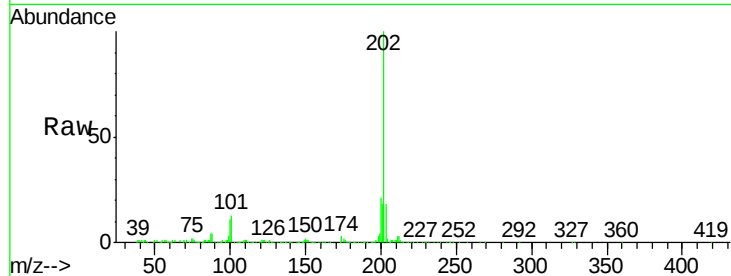




#80
Pvrene
Concen: 6.40 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

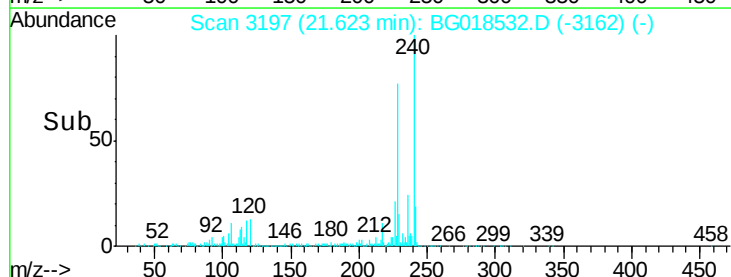
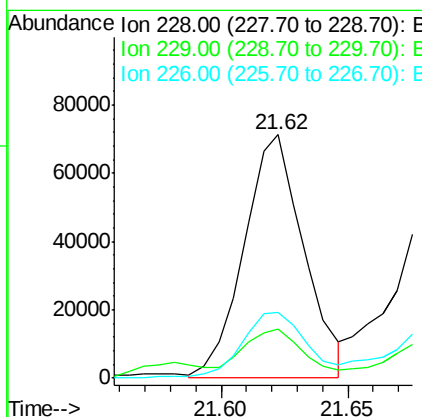
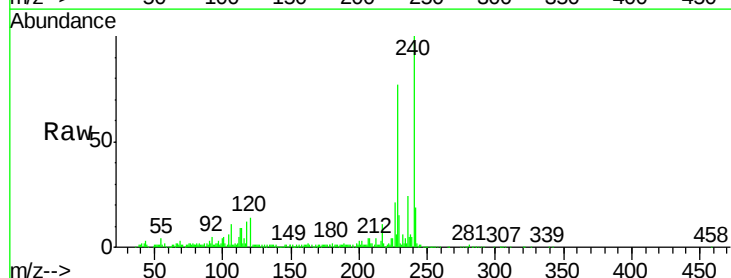
Instrument :
BNA_G
ClientSampleId :

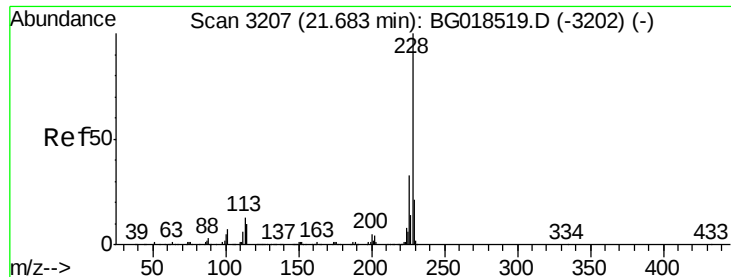
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.4
100	11.3	9.8	14.6



#83
Benzo(a)anthracene
Concen: 3.46 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. 0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	27.2	22.1	33.1





#85

Chrysene

Concen: 3.51 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. 0.00 min

Lab File: BG018532.D

Acq: 29 Aug 2015 3:19

Instrument :

BNA_G

ClientSampleId :

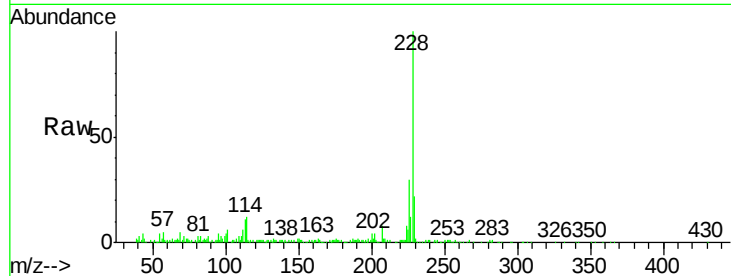
Tot Ion:228 Resp: 110846

Ion Ratio Lower Upper

228 100

226 30.5 26.5 39.7

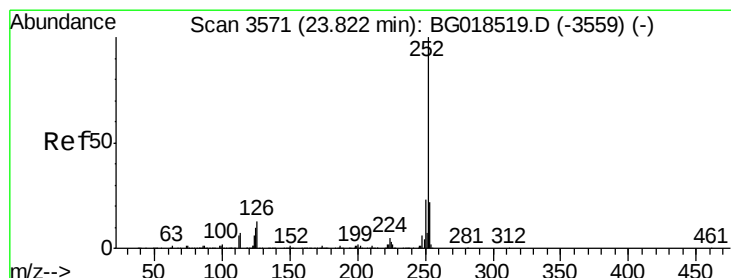
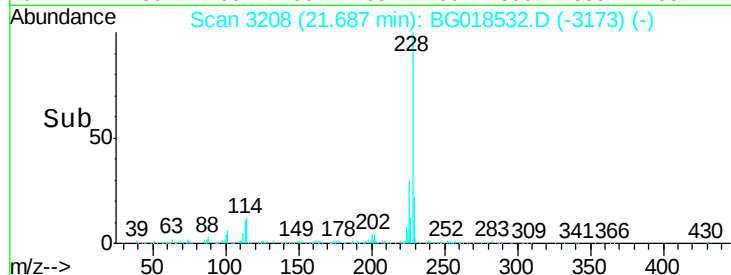
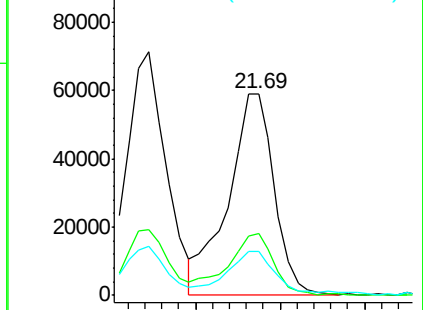
229 21.9 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 4.44 ng/ul

RT: 23.82 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BG018532.D

Acq: 29 Aug 2015 3:19

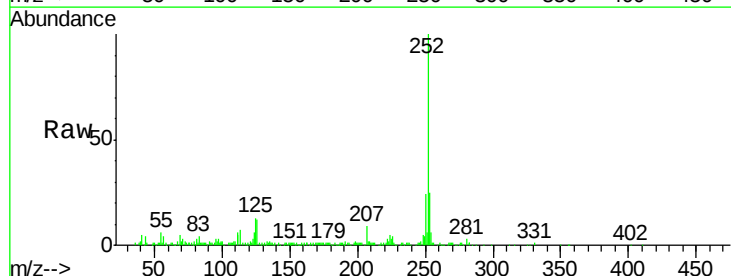
Tgt Ion:252 Resp: 148462

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

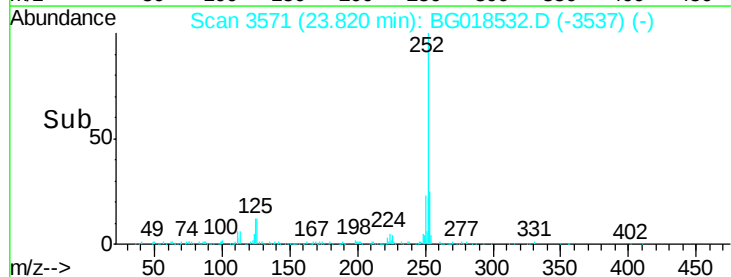
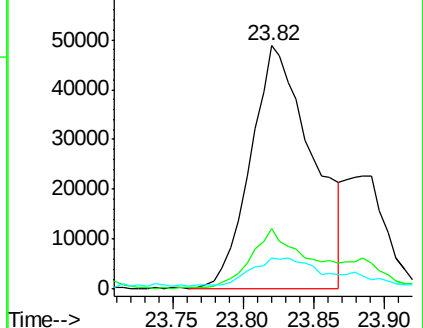
125 12.9 8.3 12.5#

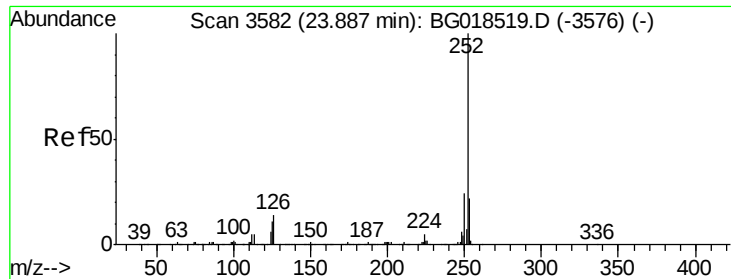


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

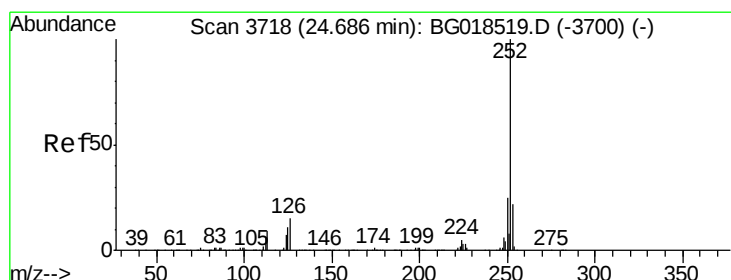
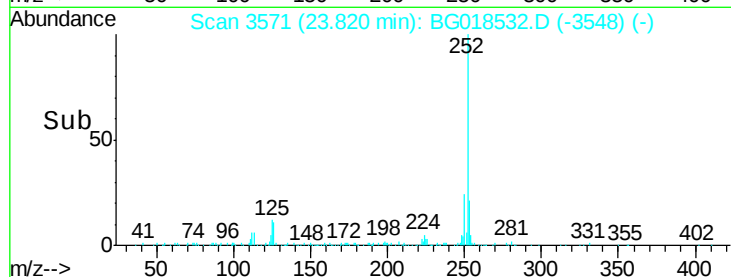
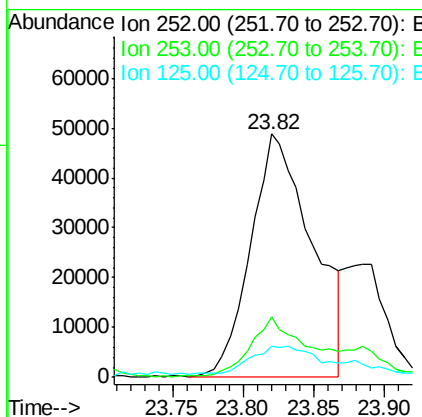
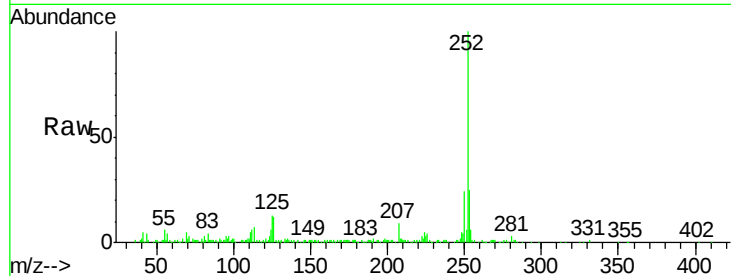




#89
Benzo(k)fluoranthene
Concen: 4.61 ng/u1
RT: 23.82 min Scan# 3571
Delta R.T. -0.07 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

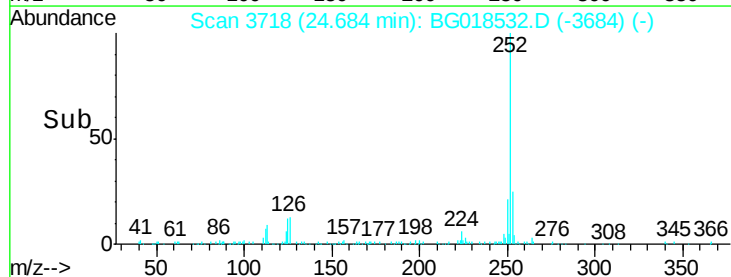
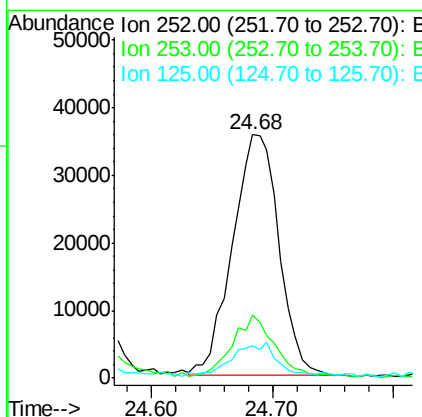
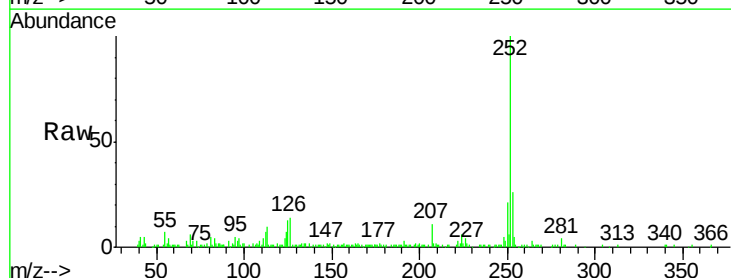
Instrument :
BNA_G
ClientSampleId :

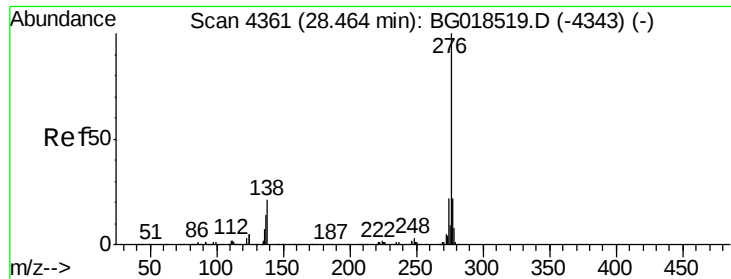
Tot Ion:252 Resp: 148462
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 12.9 9.0 13.4



#91
Benzo(a)pyrene
Concen: 3.00 ng/u1
RT: 24.68 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG018532.D
Acq: 29 Aug 2015 3:19

Tgt Ion:252 Resp: 95302
Ion Ratio Lower Upper
252 100
253 25.9 17.7 26.5
125 13.3 10.2 15.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.75 ng/ul

RT: 28.47 min Scan# 4363

Delta R.T. 0.01 min

Lab File: BG018532.D

Acq: 29 Aug 2015 3:19

Instrument :

BNA_G

ClientSampleId :

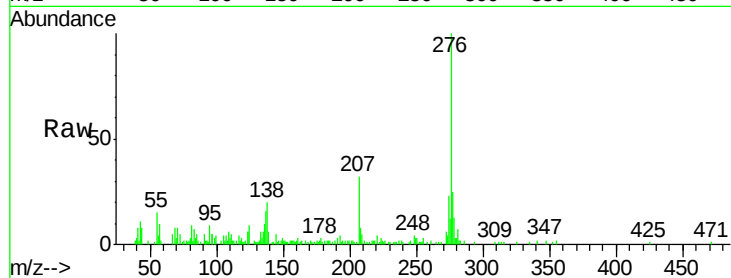
Tot Ion: 276 Resp: 64381

Ion Ratio Lower Upper

276 100

138 26.0 15.8 23.6#

277 25.3 18.9 28.3



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

