

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\
 Data File : BG018531.D
 Acq On : 29 Aug 2015 2:41
 Operator : UM/MA
 Sample : G3448-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 03:28:53 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	81708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	390433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	250063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	583976	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	565213	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	556154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	3331	1.80	ng/uL	0.00
5) Phenol-d5	7.16	99	167292	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	98232	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	120471	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	139757	22.43	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	67755	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	68664	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	151742	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	177073	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	466249	22.16	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	607206	22.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	83629	22.10	ng/ul	0.00
58) Fluorene-d10	15.63	176	433869	23.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	49022	17.07	ng/ul	0.00
71) Anthracene-d10	17.48	188	659316	23.61	ng/ul	0.00
79) Pyrene-d10	19.76	212	663737	22.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	687628	23.29	ng/ul	0.00

Target Compounds

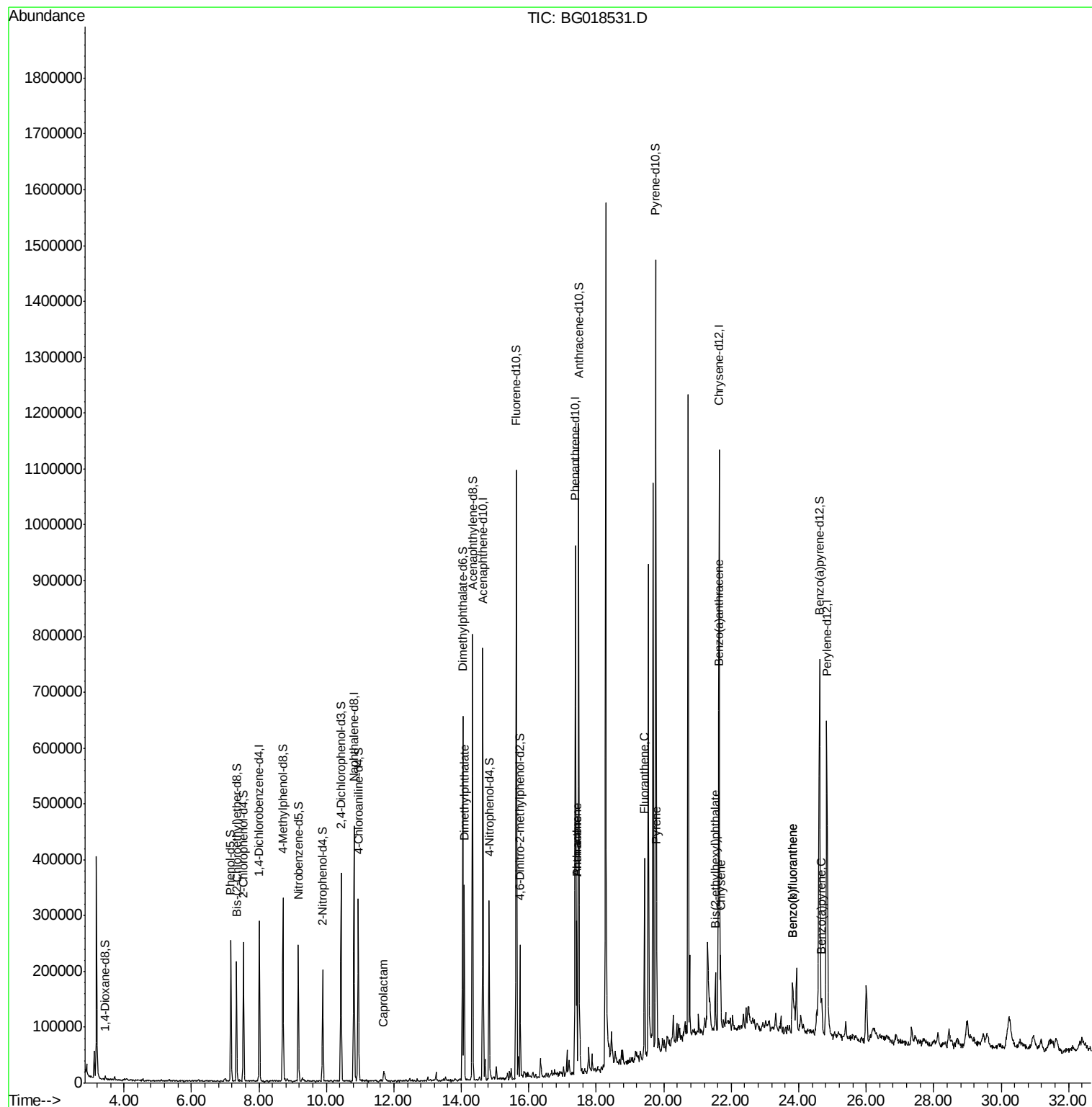
						Ovalue
32) Caprolactam	11.70	113	4575	1.84	ng/ul	93
45) Dimethylphthalate	14.09	163	224418	10.81	ng/ul	99
70) Phenanthrene	17.42	178	172300	5.44	ng/ul	98
72) Anthracene	17.42	178	172300	5.34	ng/ul	99
77) Fluoranthene	19.43	202	209278	6.18	ng/ul	96
80) Pyrene	19.79	202	165928	4.34	ng/ul	95
83) Benzo(a)anthracene	21.62	228	94525	2.70	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.53	149	41567	1.82	ng/ul#	93
85) Chrysene	21.68	228	88879	2.71	ng/ul	96
88) Benzo(b)fluoranthene	23.82	252	100057	2.86	ng/ul	97
89) Benzo(k)fluoranthene	23.82	252	100057	2.97	ng/ul	97
91) Benzo(a)pyrene	24.68	252	68788	2.07	ng/ul	98

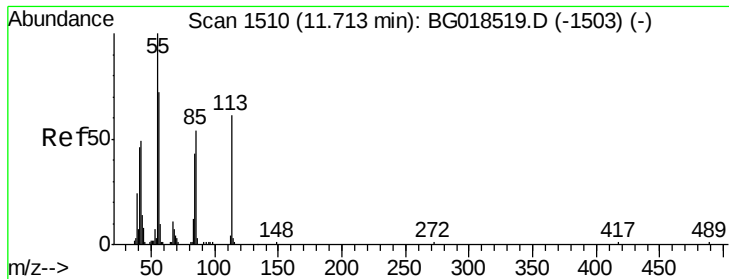
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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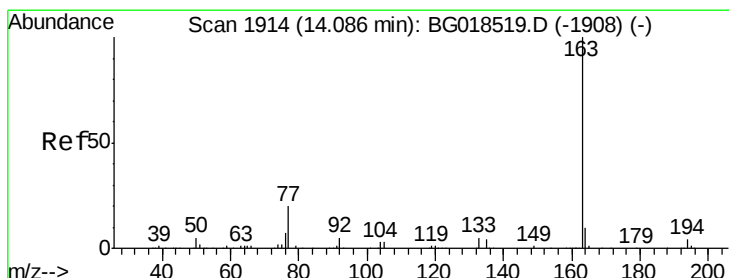
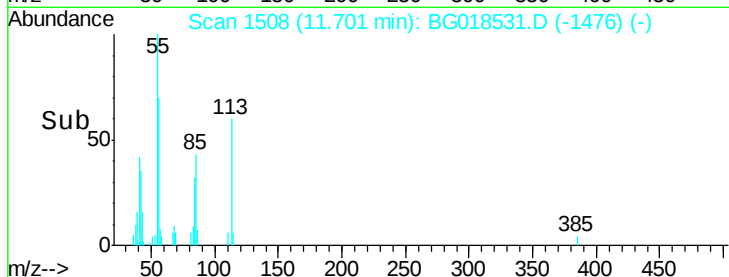
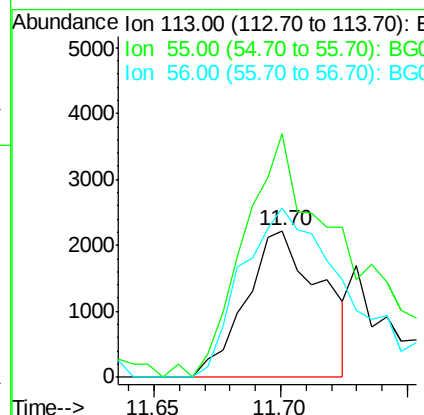
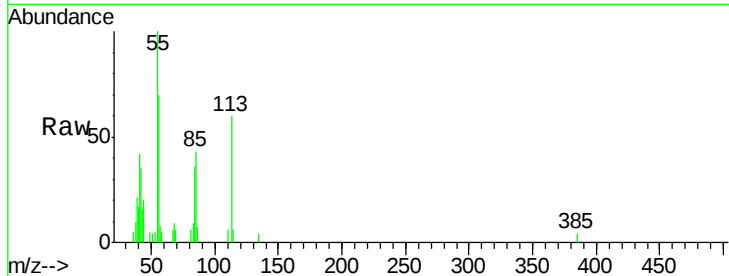




#32
 Caprolactam
 Concen: 1.84 ng/ul
 RT: 11.70 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

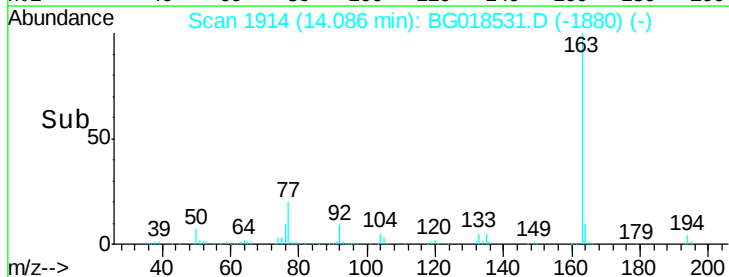
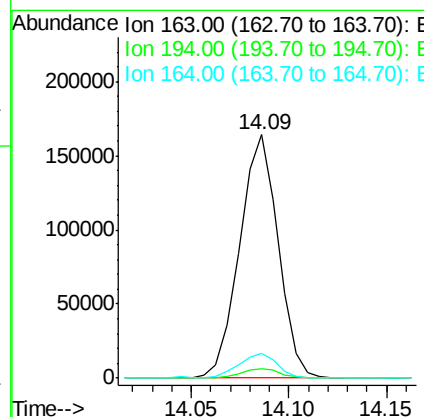
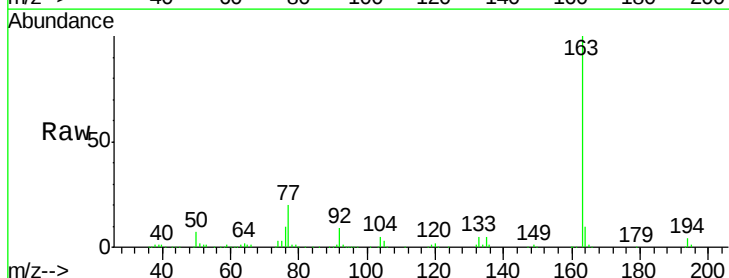
Instrument :
 BNA_G
 ClientSampleId :

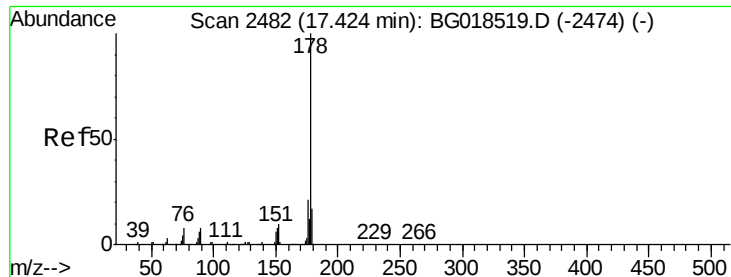
Tot Ion:113 Resp: 4575
 Ion Ratio Lower Upper
 113 100
 55 166.2 124.2 186.4
 56 115.7 98.2 147.4



#45
 Dimethylphthalate
 Concen: 10.81 ng/ul
 RT: 14.09 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

Tgt Ion:163 Resp: 224418
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 10.2 7.7 11.5





#70

Phenanthrene

Concen: 5.44 ng/ul

RT: 17.42 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

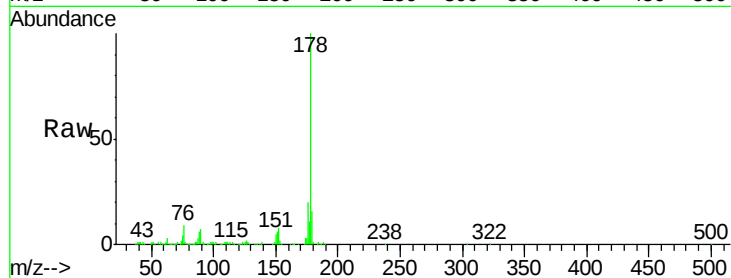
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 172300

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.7	20.5
176	19.6	16.6	24.8

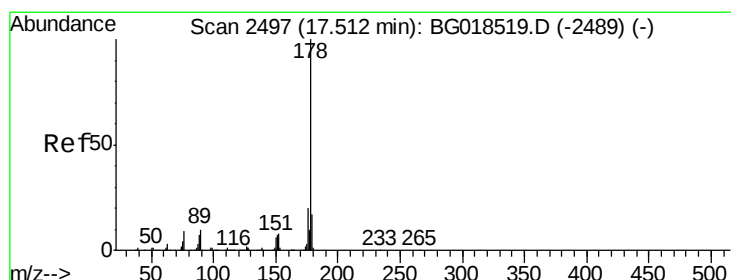
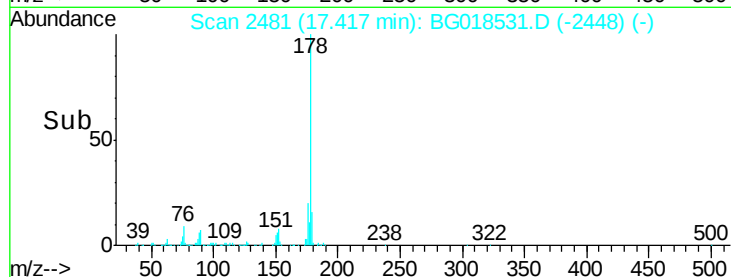
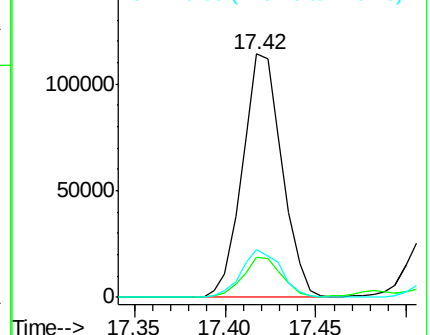


Abundance

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



#72

Anthracene

Concen: 5.34 ng/ul

RT: 17.42 min Scan# 2481

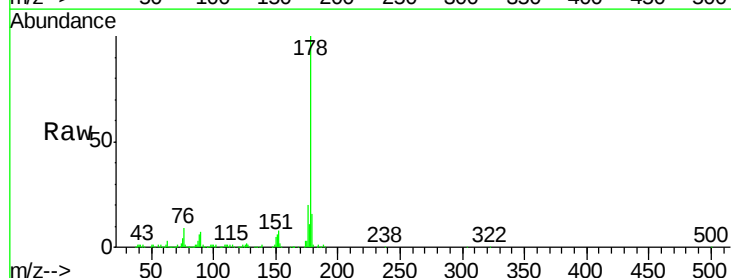
Delta R.T. -0.09 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Tgt Ion:178 Resp: 172300

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	19.6	16.0	24.0

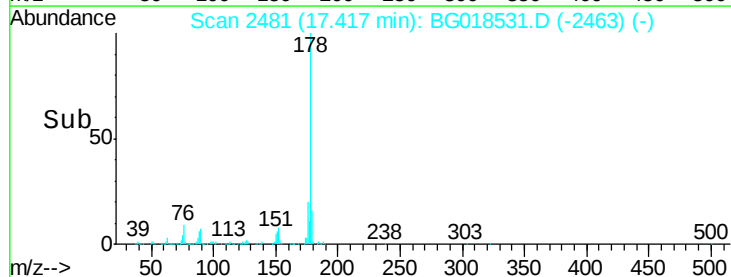
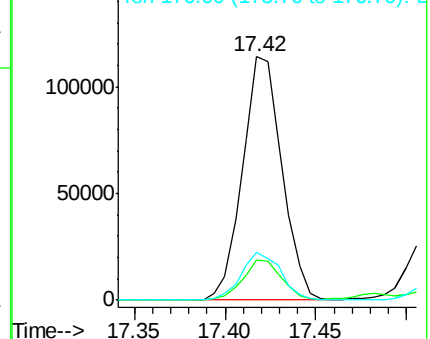


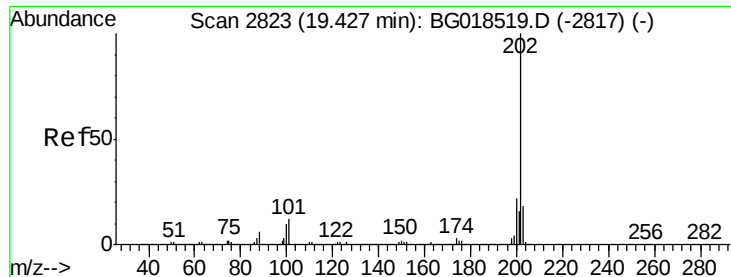
Abundance

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

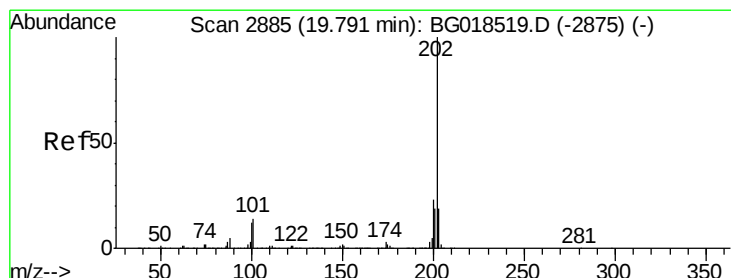
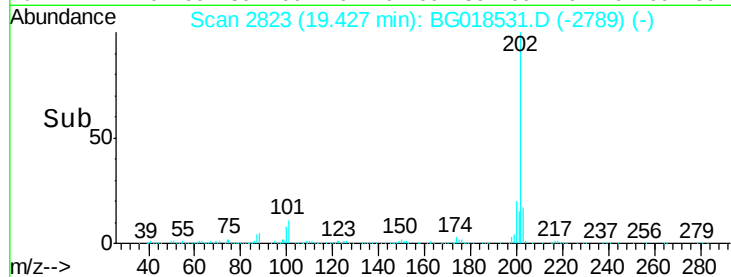
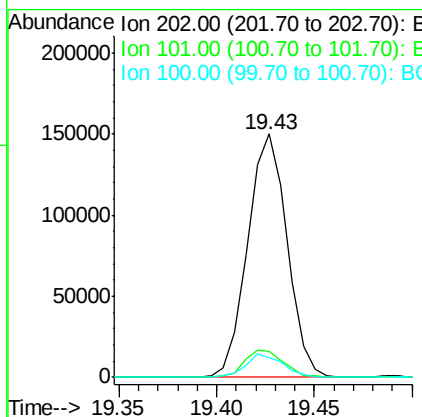
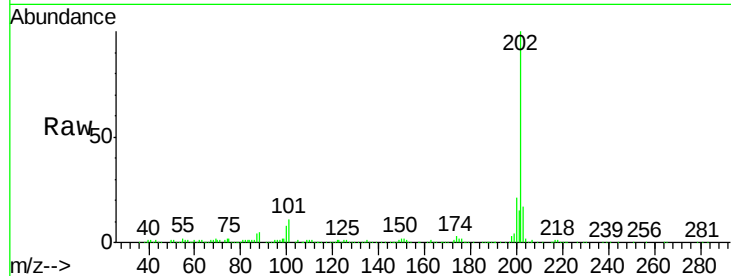




#77
 Fluoranthene
 Concen: 6.18 ng/ul
 RT: 19.43 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

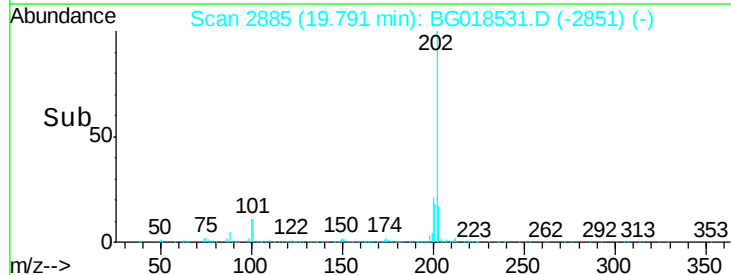
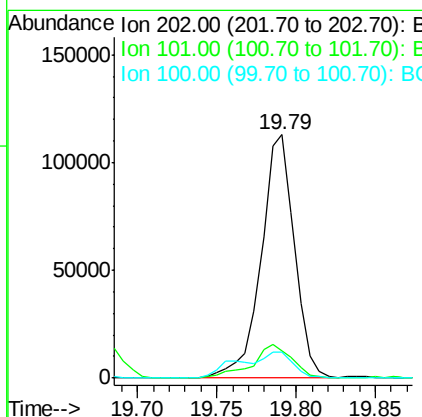
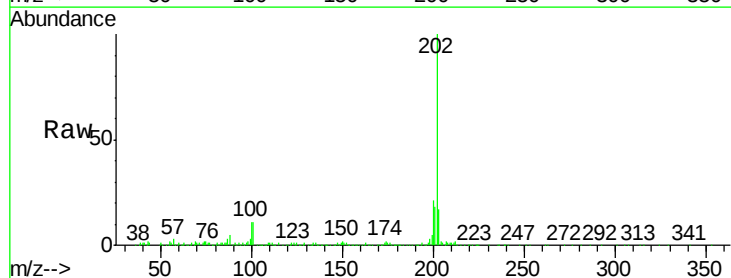
Instrument :
 BNA_G
 ClientSampleId :

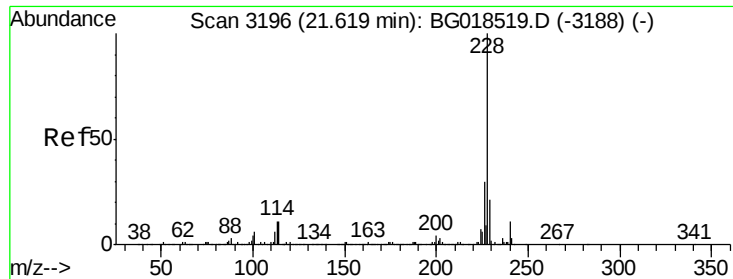
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.7	14.5
100	7.9	7.8	11.8



#80
 Pyrene
 Concen: 4.34 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.0	16.4
100	10.8	9.8	14.6

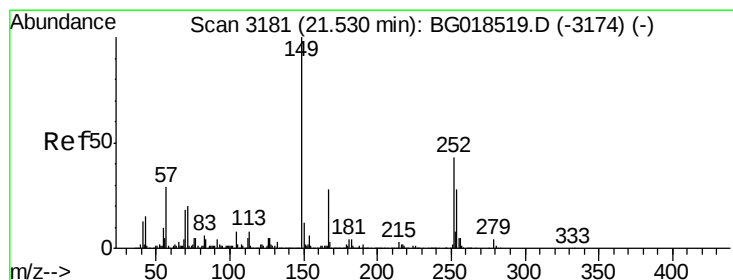
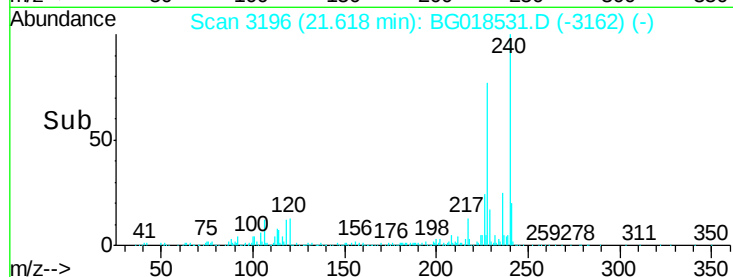
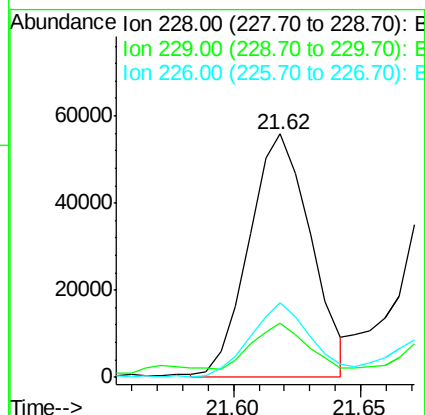
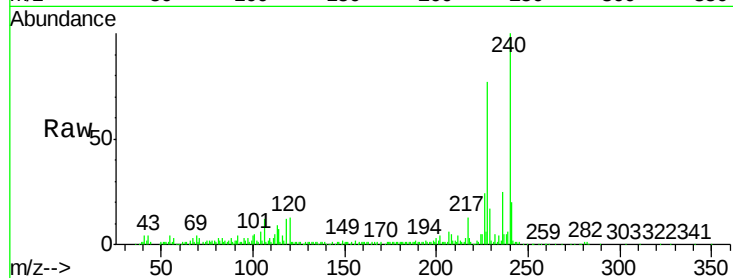




#83
Benzo(a)anthracene
Concen: 2.70 ng/ul
RT: 21.62 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

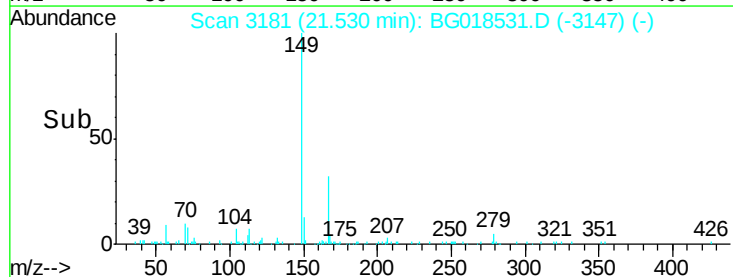
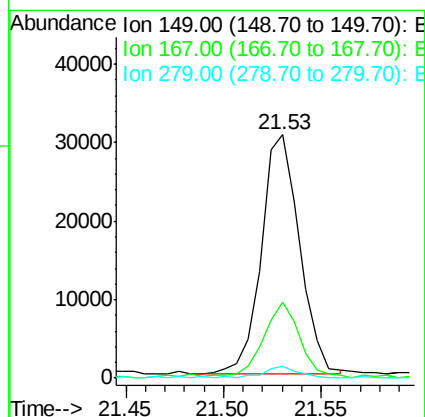
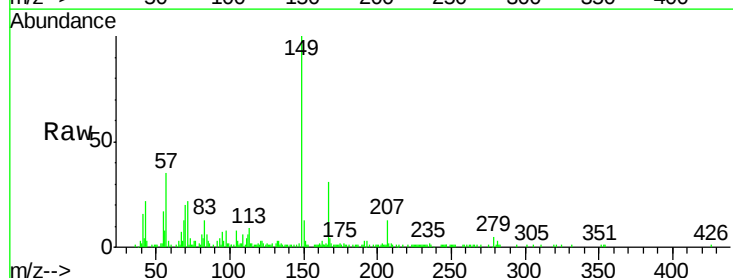
Instrument :
BNA_G
ClientSampleId :

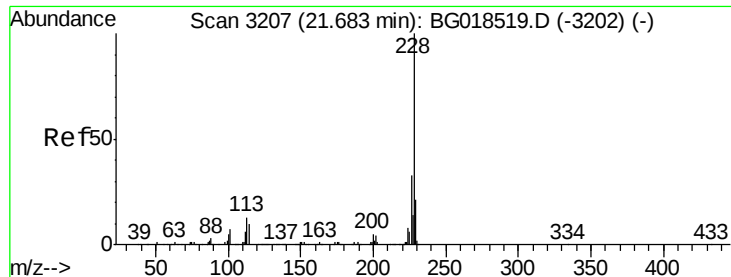
Tot Ion:228 Resp: 94525
Ion Ratio Lower Upper
228 100
229 22.0 15.5 23.3
226 30.6 22.1 33.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.82 ng/ul
RT: 21.53 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Tgt Ion:149 Resp: 41567
Ion Ratio Lower Upper
149 100
167 31.2 22.2 33.2
279 5.0 2.8 4.2#

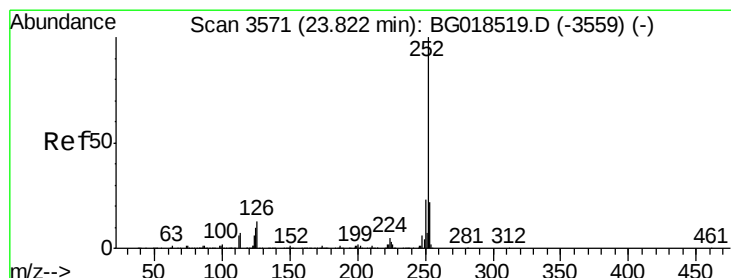
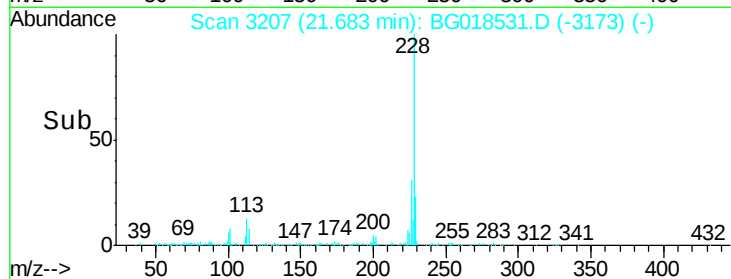
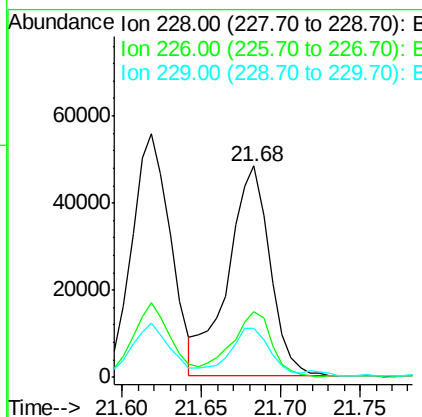
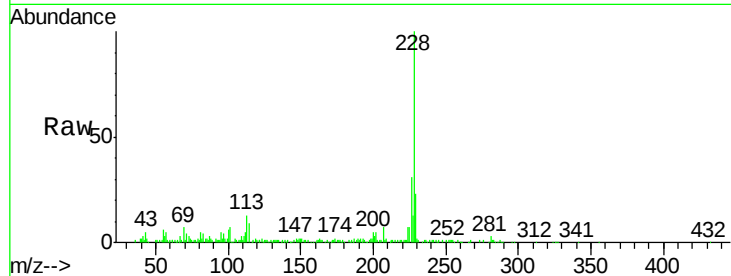




#85
 Chrysene
 Concen: 2.71 ng/ul
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

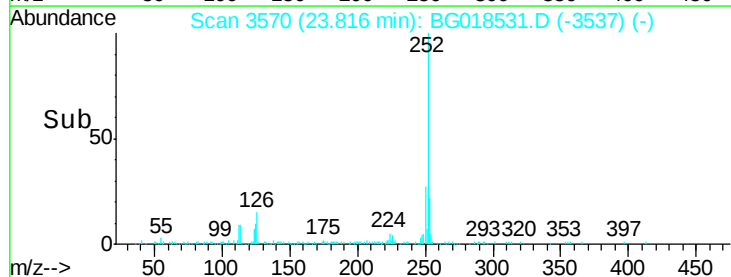
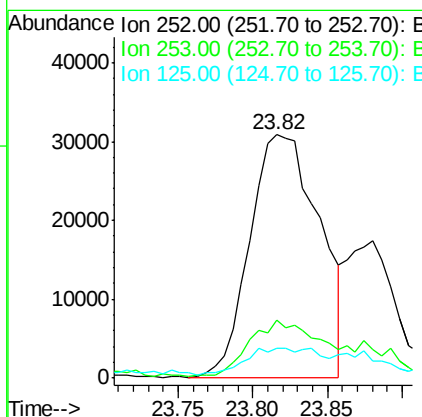
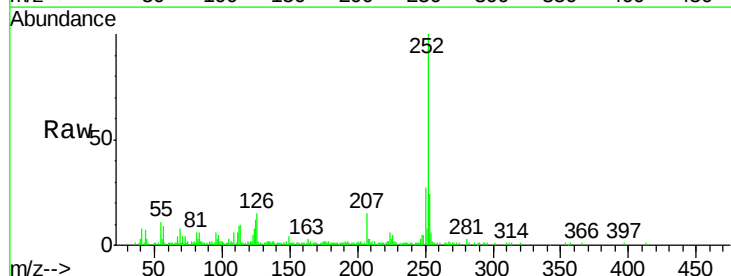
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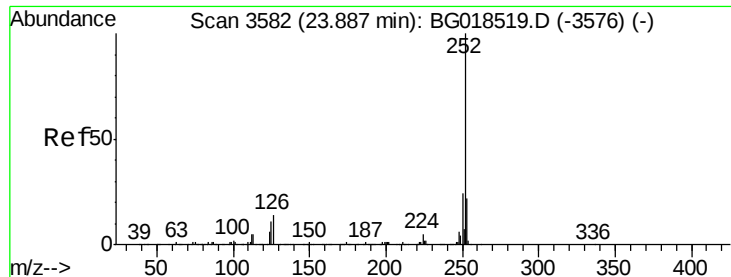
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	26.5	39.7
229	23.4	16.9	25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.86 ng/ul
 RT: 23.82 min Scan# 3570
 Delta R.T. -0.01 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.0	8.3	12.5

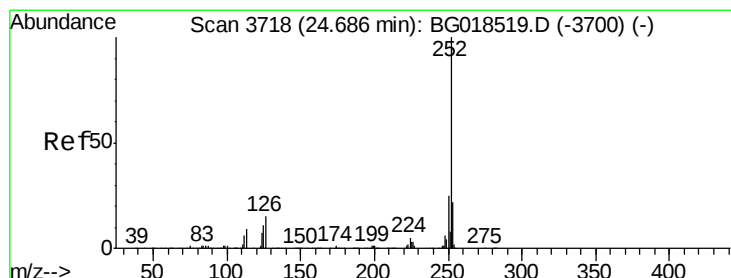
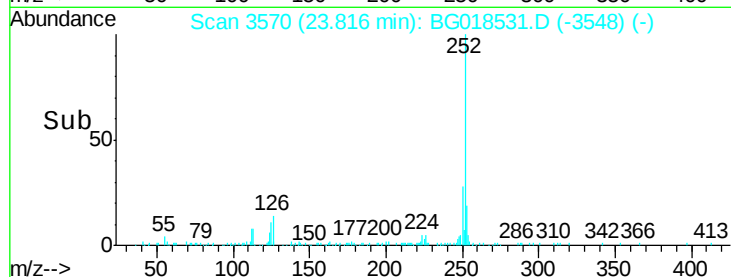
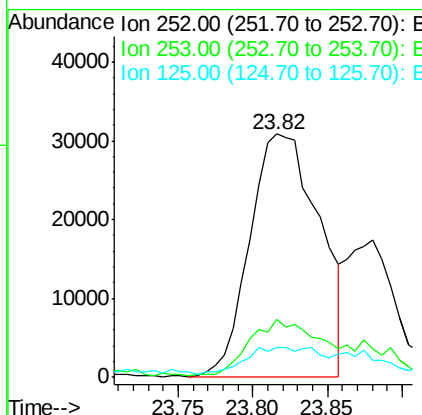
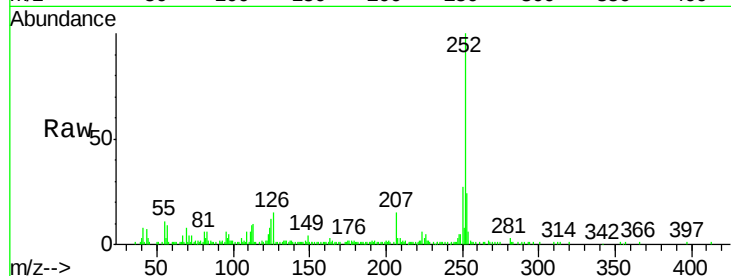




#89
Benzo(k)fluoranthene
Concen: 2.97 ng/ul
RT: 23.82 min Scan# 3570
Delta R.T. -0.07 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	12.0	9.0	13.4



#91
Benzo(a)pyrene
Concen: 2.07 ng/ul
RT: 24.68 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	11.7	10.2	15.2

