

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
 Data File : BG018085.D
 Acq On : 24 Jul 2015 3:17
 Operator : TP/UM
 Sample : G3035-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 24 03:58:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	61353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	295762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	182688	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	371707	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	365765	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	365998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1728	1.76	ng/uL	0.00
5) Phenol-d5	6.70	99	56055	11.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29339	12.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	52524	12.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	45428	10.82	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	28737	12.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	31878	12.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	51765	12.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	62112	12.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	159330	12.42	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	184397	11.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	21443	7.95	ng/ul	0.00
58) Fluorene-d10	15.18	176	129831	10.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	10212	4.30	ng/ul	0.00
71) Anthracene-d10	17.03	188	172839	10.74	ng/ul	0.00
79) Pyrene-d10	19.34	212	177025	10.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	160118	9.17	ng/ul	0.00

Target Compounds

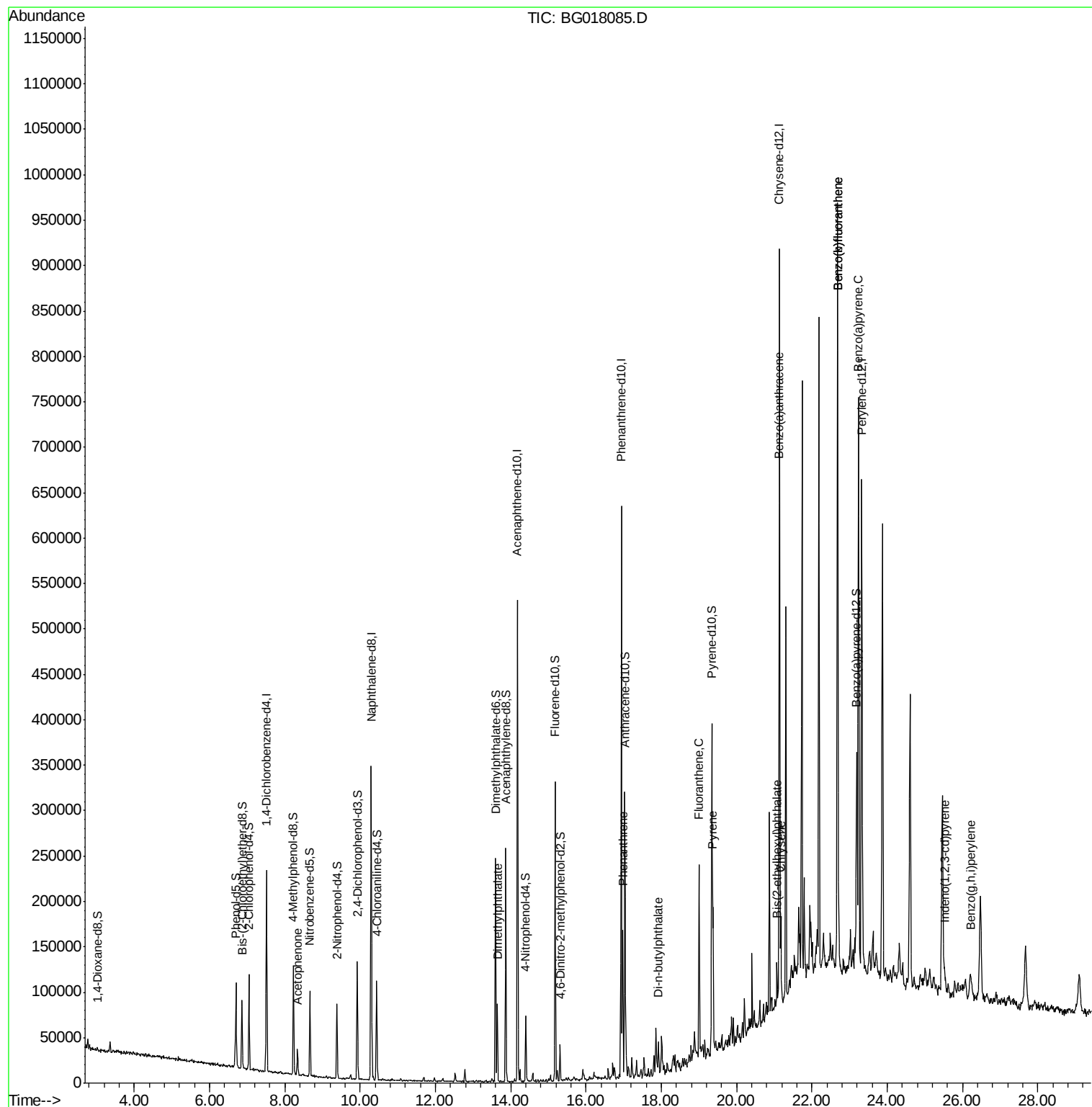
						Ovalue
14) Acetophenone	8.33	105	15001	2.54	ng/ul	97
45) Dimethylphthalate	13.65	163	57476	4.45	ng/ul	98
70) Phenanthrene	16.98	178	88860	4.76	ng/ul	99
76) Di-n-butylphthalate	17.92	149	24261	1.12	ng/ul	99
77) Fluoranthene	19.00	202	109969	5.53	ng/ul	99
80) Pyrene	19.37	202	99329	4.74	ng/ul	98
83) Benzo(a)anthracene	21.12	228	45901	2.37	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	16875	1.37	ng/ul#	97
85) Chrysene	21.18	228	45603	2.50	ng/ul	97
88) Benzo(b)fluoranthene	22.68	252	58816	2.93	ng/ul#	85
89) Benzo(k)fluoranthene	22.68	252	58816	3.03	ng/ul#	84
91) Benzo(a)pyrene	23.23	252	39391	2.03	ng/ul#	79
92) Indeno(1,2,3-cd)pyrene	25.53	276	25051	1.12	ng/ul	99
94) Benzo(g,h,i)perylene	26.21	276	24170	1.31	ng/ul	99

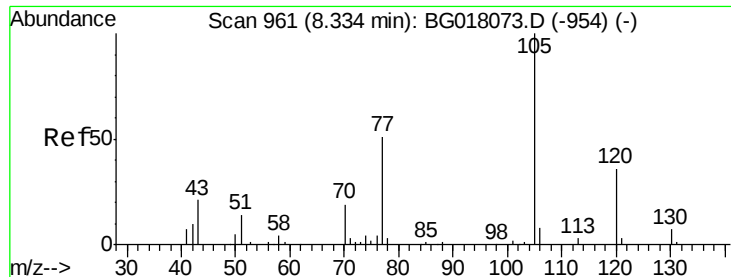
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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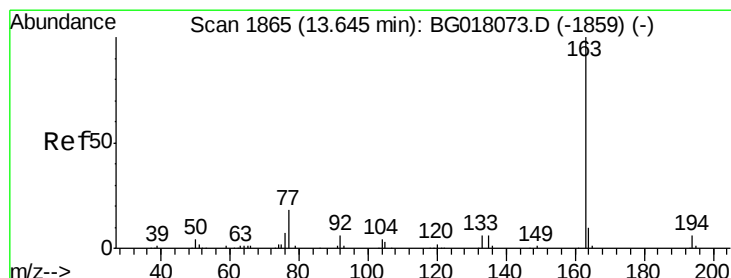
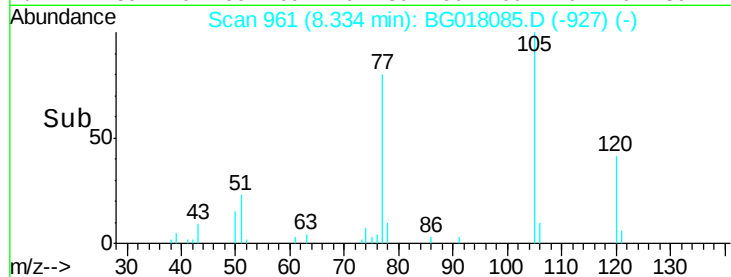
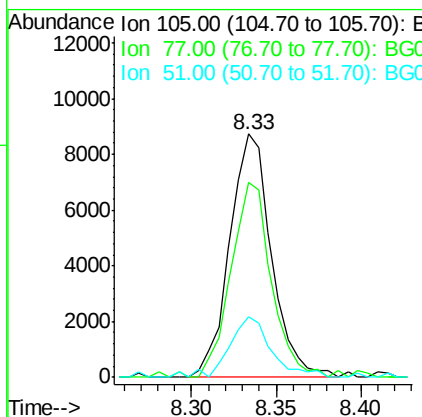
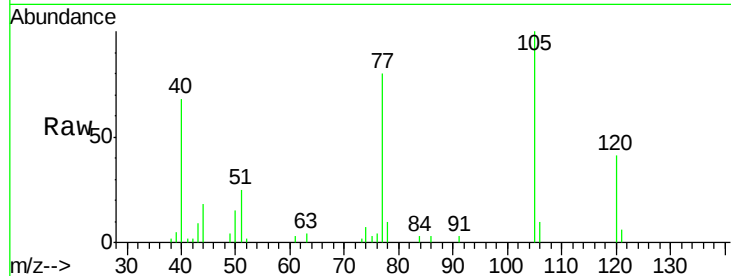




#14
 Acetophenone
 Concen: 2.54 ng/ul
 RT: 8.33 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BG018085.D
 Acq: 24 Jul 2015 3:17

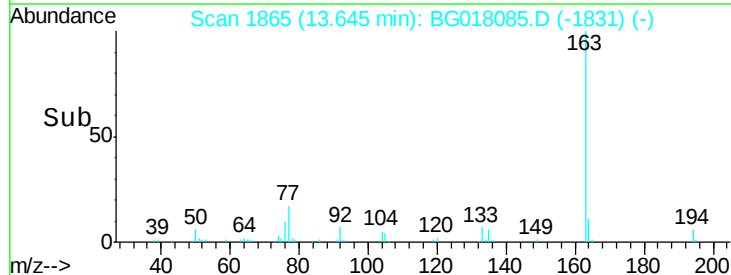
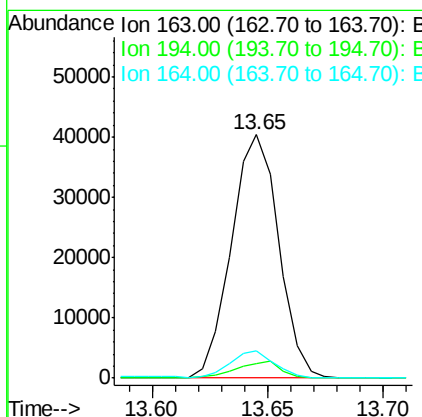
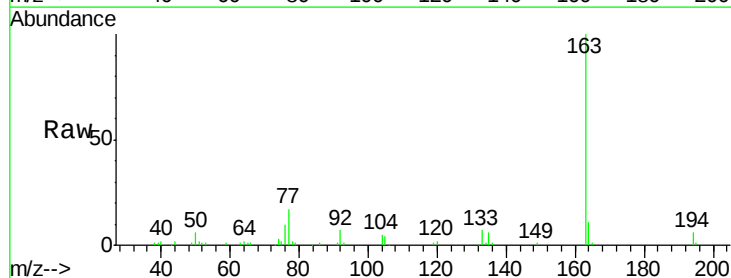
Instrument :
 BNA_G
 ClientSampled :

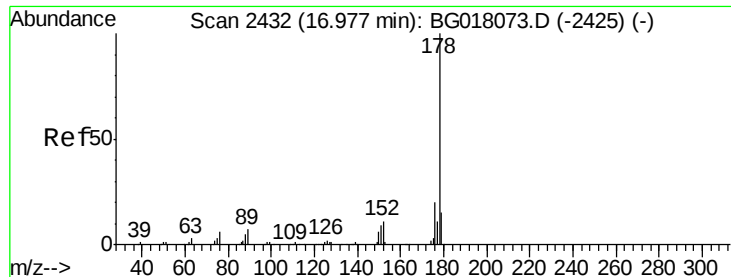
Tot Ion:105 Resp: 15001
 Ion Ratio Lower Upper
 105 100
 77 79.8 61.7 92.5
 51 24.8 18.1 27.1



#45
 Dimethylphthalate
 Concen: 4.45 ng/ul
 RT: 13.65 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BG018085.D
 Acq: 24 Jul 2015 3:17

Tgt Ion:163 Resp: 57476
 Ion Ratio Lower Upper
 163 100
 194 5.8 5.4 8.2
 164 11.3 8.7 13.1





#70

Phenanthrene

Concen: 4.76 ng/ul

RT: 16.98 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG018085.D

Acq: 24 Jul 2015 3:17

Instrument :

BNA_G

ClientSampleId :

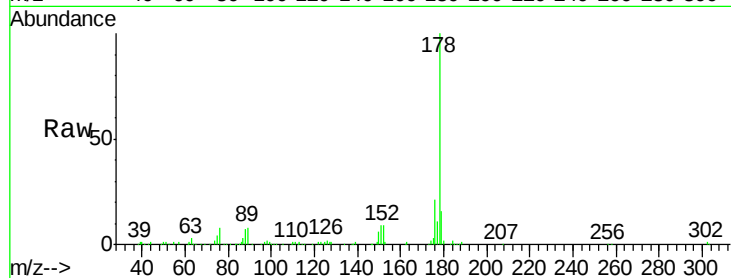
Tot Ion:178 Resp: 88860

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

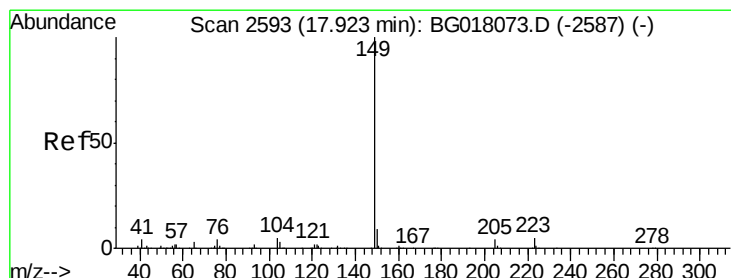
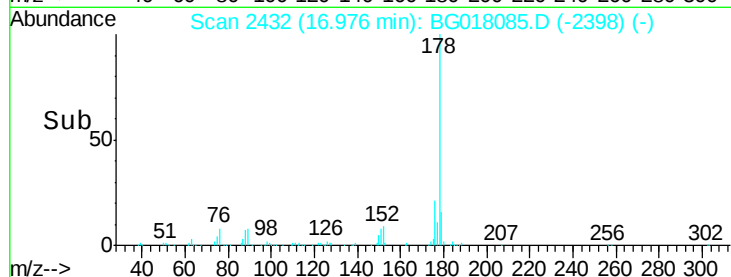
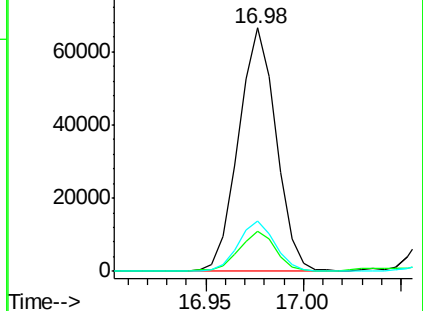
176 20.5 15.8 23.8



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



#76

Di-n-butylphthalate

Concen: 1.12 ng/ul

RT: 17.92 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG018085.D

Acq: 24 Jul 2015 3:17

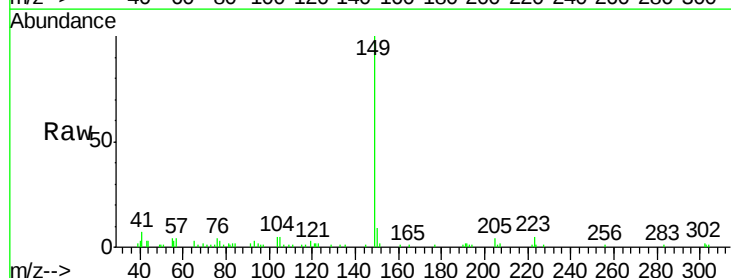
Tgt Ion:149 Resp: 24261

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

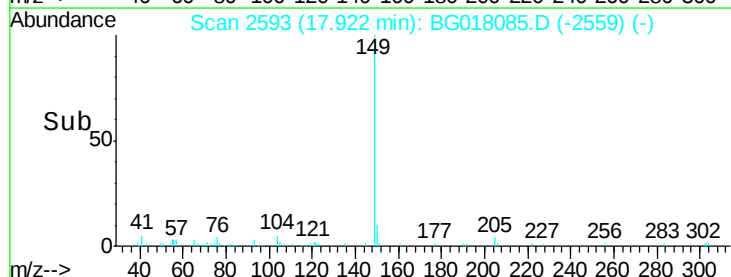
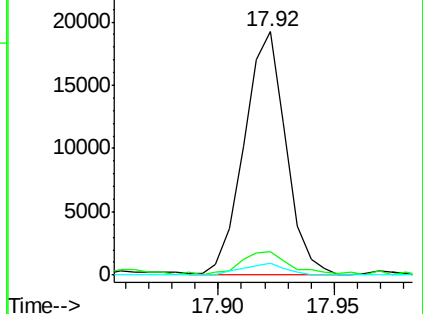
104 4.8 3.8 5.8

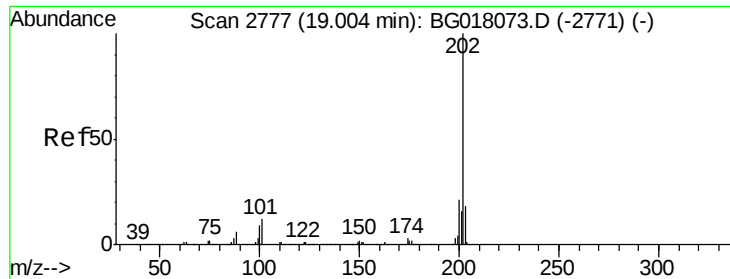


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 5.53 ng/ul

RT: 19.00 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG018085.D

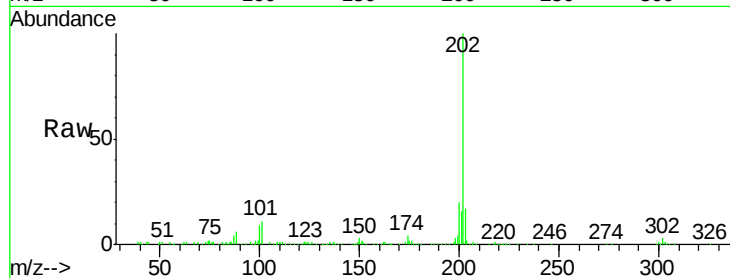
Acq: 24 Jul 2015 3:17

Instrument :

BNA_G

ClientSampleId :

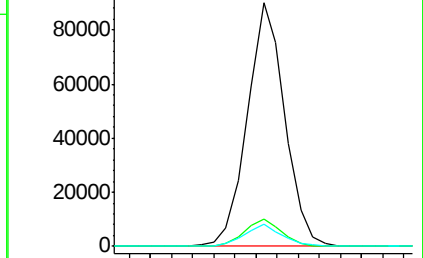
Tot Ion:	202	Resp:	109969
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.2	7.5	11.3



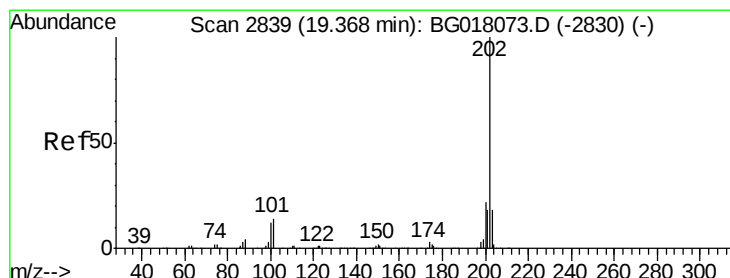
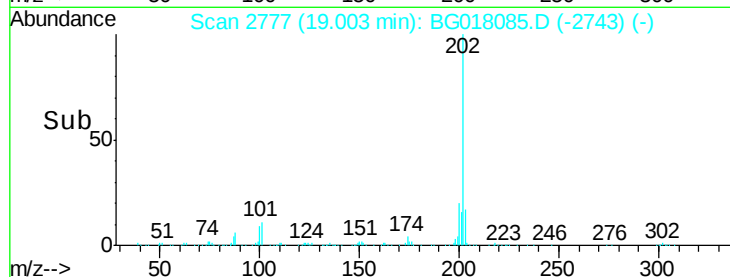
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Pyrene

Concen: 4.74 ng/ul

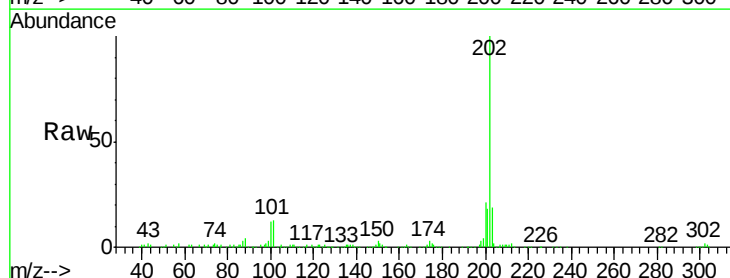
RT: 19.37 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG018085.D

Acq: 24 Jul 2015 3:17

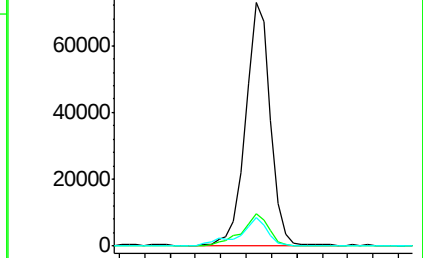
Tgt Ion:	202	Resp:	99329
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	11.5	8.5	12.7



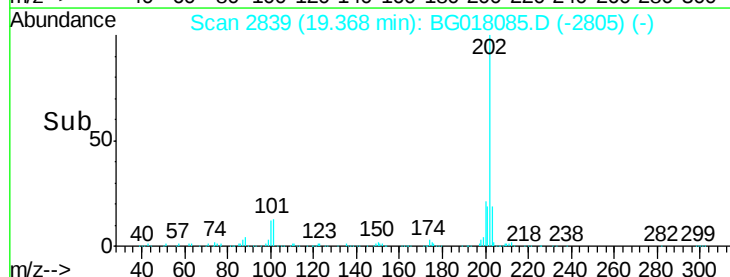
Abundance Ion 202.00 (201.70 to 202.70): E

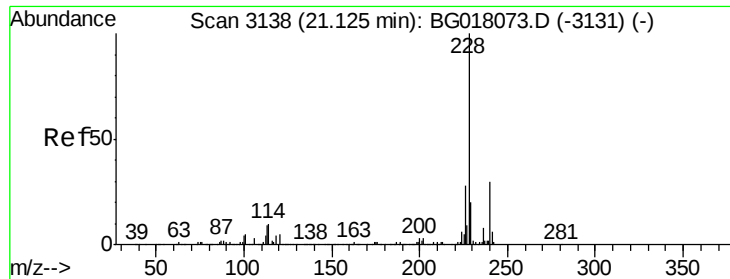
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

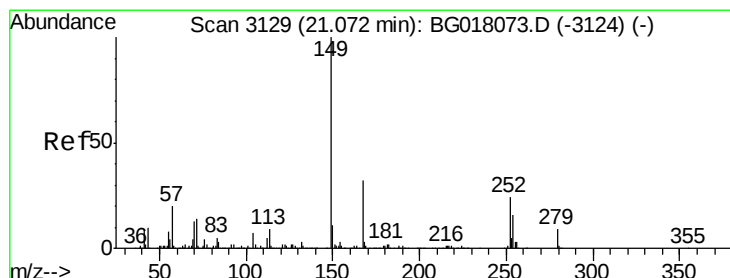
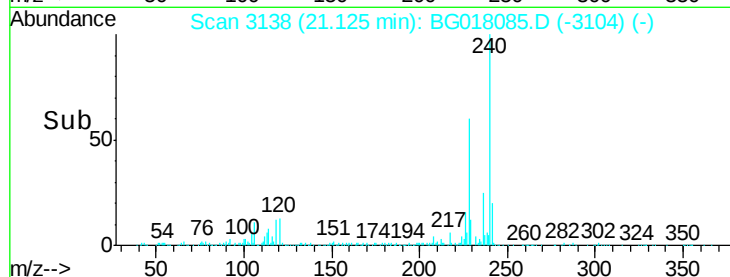
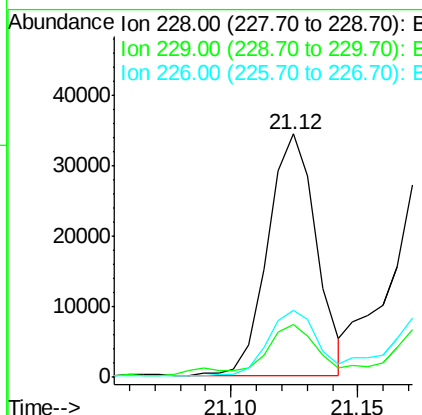
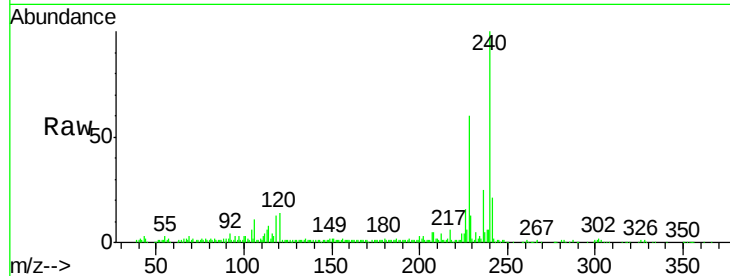




#83
Benzo(a)anthracene
Concen: 2.37 ng/ul
RT: 21.12 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

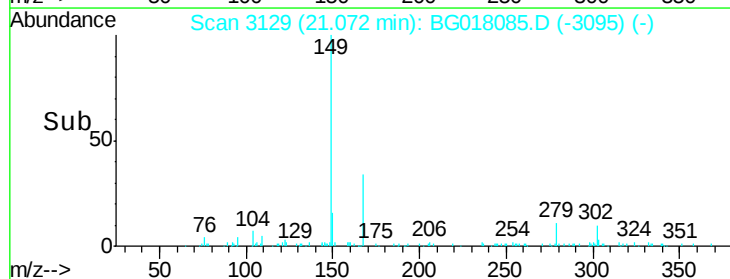
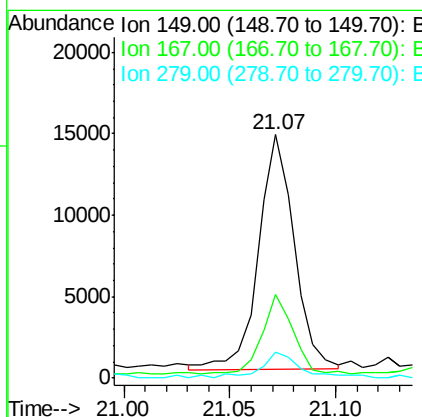
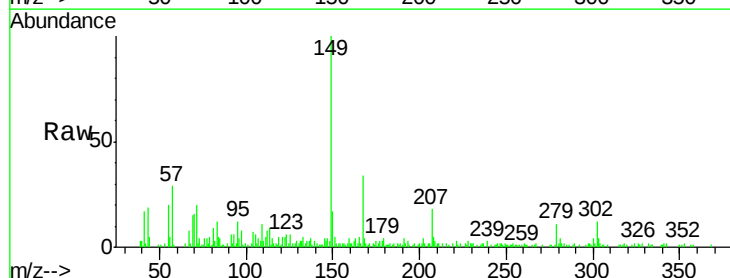
Instrument :
BNA_G
ClientSampled :

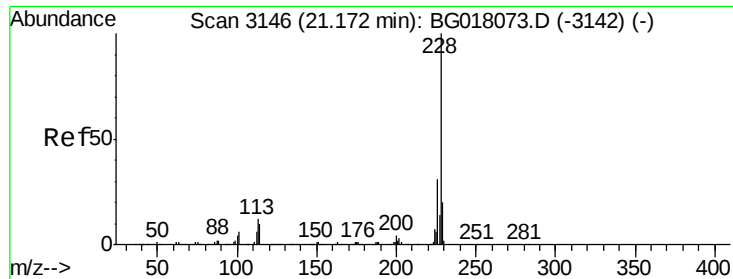
Tot Ion:228 Resp: 45901
Ion Ratio Lower Upper
228 100
229 21.8 16.6 24.8
226 27.5 21.1 31.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.37 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:149 Resp: 16875
Ion Ratio Lower Upper
149 100
167 34.3 26.2 39.4
279 10.8 7.2 10.8#

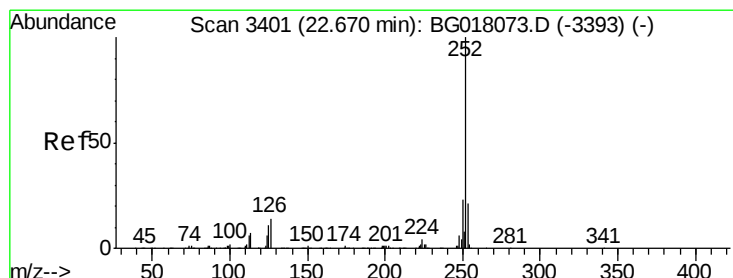
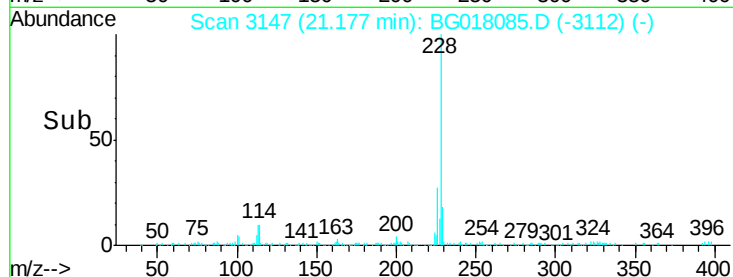
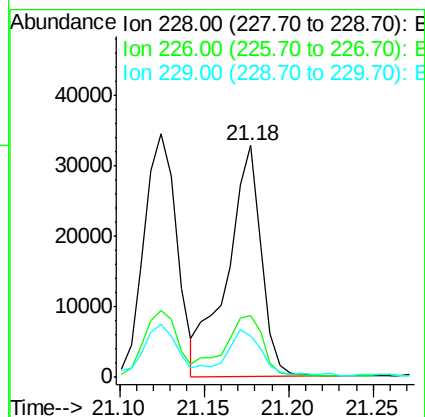
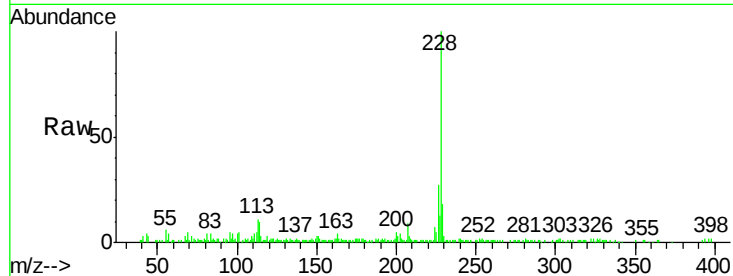




#85
Chrysene
Concen: 2.50 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

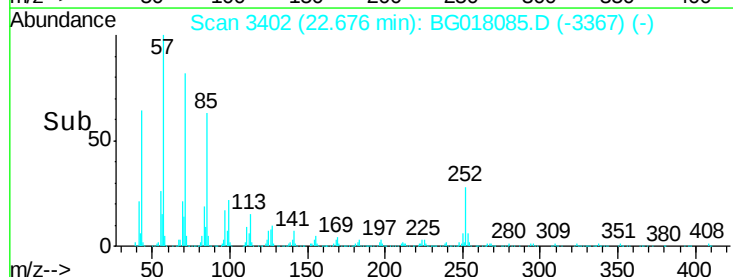
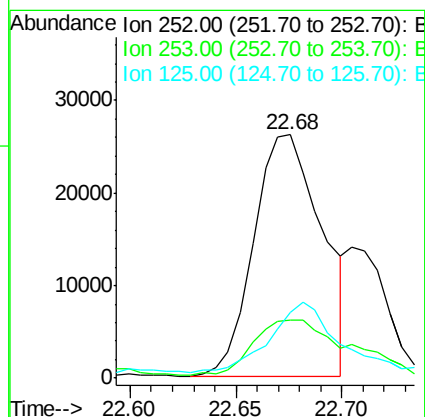
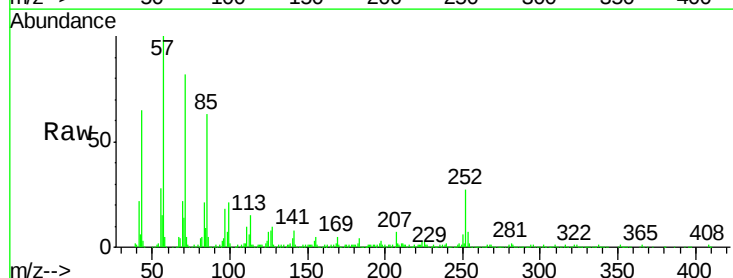
Instrument :
BNA_G
ClientSampleId :

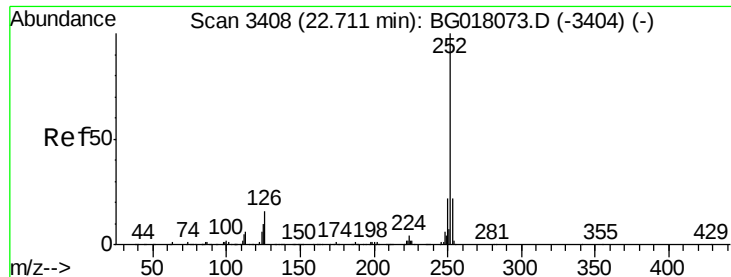
Tot Ion:228 Resp: 45603
Ion Ratio Lower Upper
228 100
226 27.0 22.9 34.3
229 18.0 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 2.93 ng/ul
RT: 22.68 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BG018085.D
Acq: 24 Jul 2015 3:17

Tgt Ion:252 Resp: 58816
Ion Ratio Lower Upper
252 100
253 24.0 18.5 27.7
125 26.9 9.1 13.7#





#89

Benzo(k)fluoranthene

Concen: 3.03 ng/ul

RT: 22.68 min Scan# 3402

Delta R.T. -0.04 min

Lab File: BG018085.D

Acq: 24 Jul 2015 3:17

Instrument :

BNA_G

ClientSampleId :

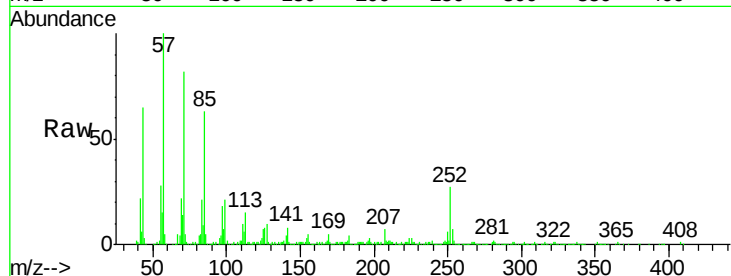
Tot Ion:252 Resp: 58816

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

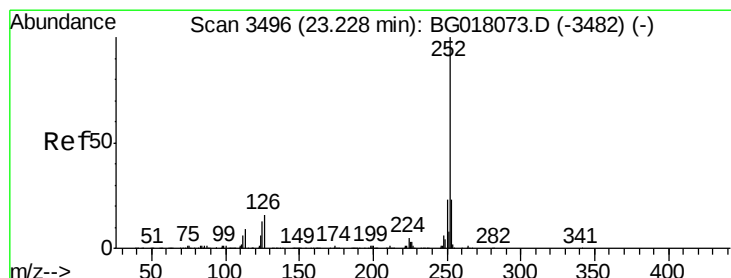
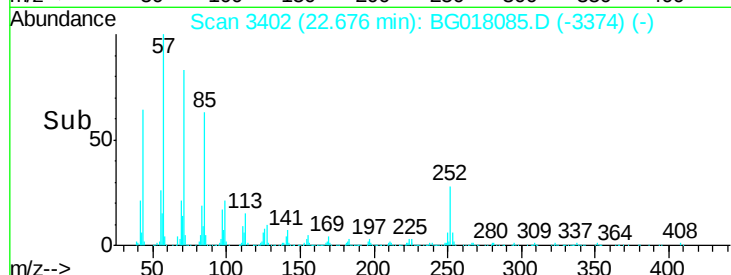
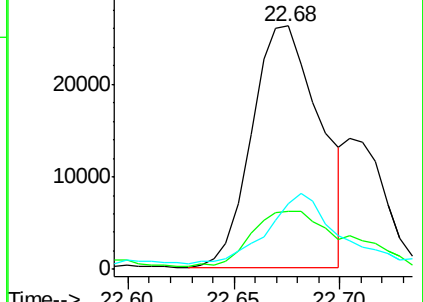
125 26.9 9.3 13.9#



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



#91

Benzo(a)pyrene

Concen: 2.03 ng/ul

RT: 23.23 min Scan# 3496

Delta R.T. -0.00 min

Lab File: BG018085.D

Acq: 24 Jul 2015 3:17

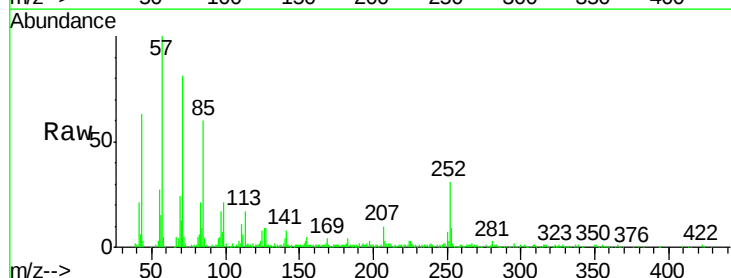
Tgt Ion:252 Resp: 39391

Ion Ratio Lower Upper

252 100

253 29.0 18.0 27.0#

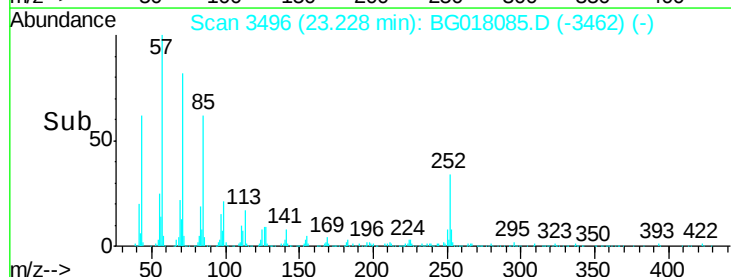
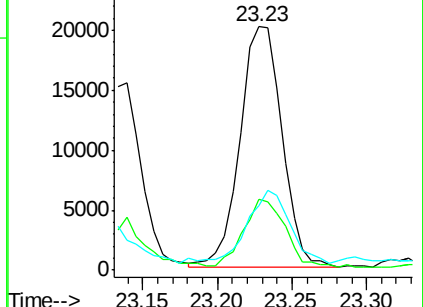
125 26.3 10.2 15.2#

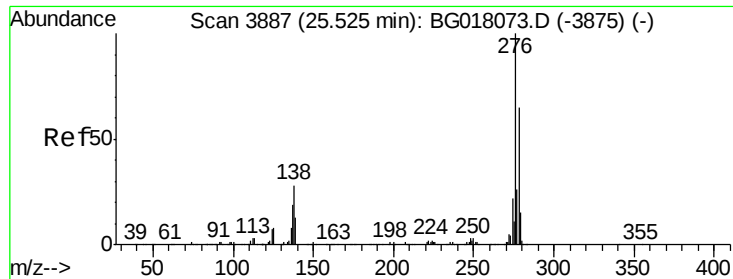


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

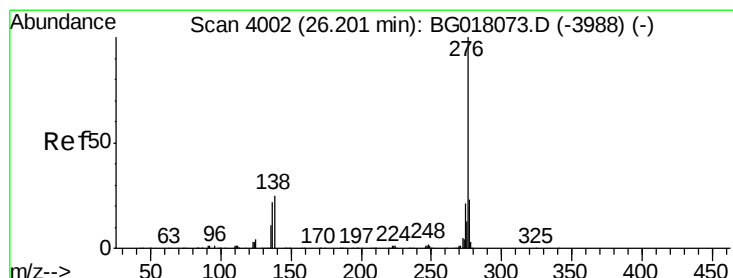
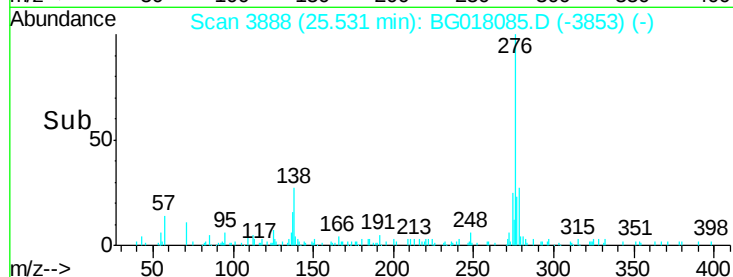
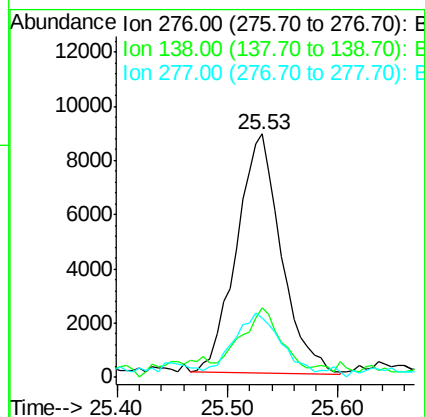
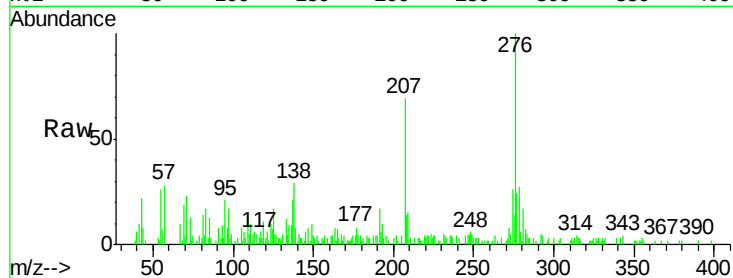




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.12 ng/ul
 RT: 25.53 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: BG018085.D
 Acq: 24 Jul 2015 3:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.6	33.8
277	24.2	19.8	29.8



#94
 Benzo(g,h,i)perylene
 Concen: 1.31 ng/ul
 RT: 26.21 min Scan# 4003
 Delta R.T. 0.01 min
 Lab File: BG018085.D
 Acq: 24 Jul 2015 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.8	28.2
277	23.0	19.3	28.9

