

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
 Data File : BG019499.D
 Acq On : 5 Nov 2015 19:19
 Operator : UM/NP
 Sample : G4273-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP9

Quant Time: Nov 06 02:17:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36951	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	163147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	131190	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	369665	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	476475	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	458271	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2460	3.19	ng/uL	0.00
5) Phenol-d5	7.32	99	62760	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	40364	18.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	38196	18.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	49935	18.48	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	19999	16.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	23657	16.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	50655	16.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	57310	18.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	199971	18.49	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	218675	18.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	27310	15.89	ng/ul	0.00
58) Fluorene-d10	15.80	176	182200	18.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	35326	14.76	ng/ul	0.00
71) Anthracene-d10	17.65	188	315638	18.73	ng/ul	0.00
79) Pyrene-d10	19.92	212	376360	18.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	420321	18.28	ng/ul	0.00

Target Compounds

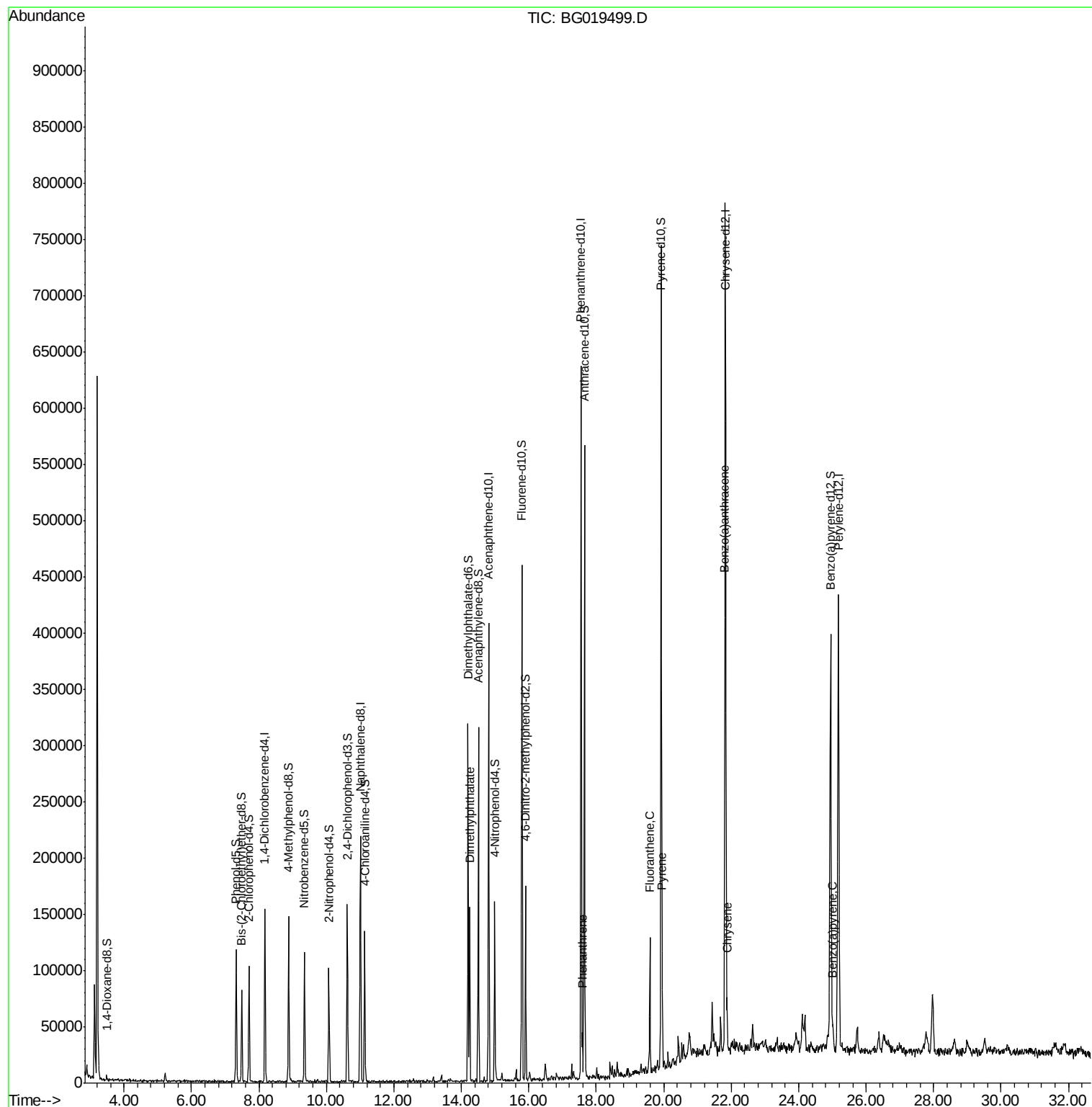
						Qvalue
45) Dimethylphthalate	14.25	163	87912	7.95	ng/ul	99
70) Phenanthrene	17.59	178	22675	1.22	ng/ul#	92
77) Fluoranthene	19.59	202	74053	3.07	ng/ul#	95
80) Pyrene	19.95	202	61299	2.29	ng/ul#	97
83) Benzo(a)anthracene	21.81	228	37723	1.36	ng/ul	94
85) Chrysene	21.87	228	31193	1.20	ng/ul#	92
91) Benzo(a)pyrene	25.01	252	26354	1.01	ng/ul#	94

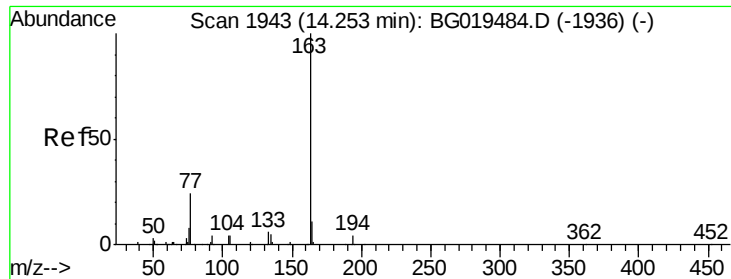
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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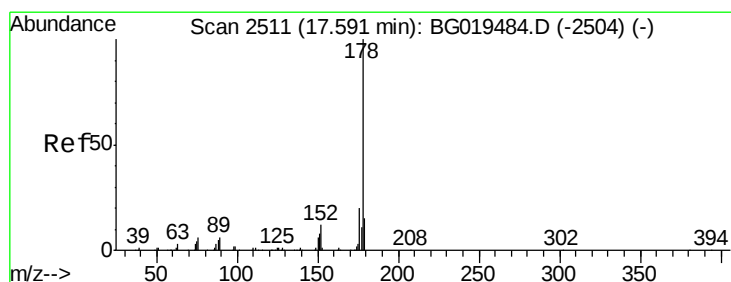
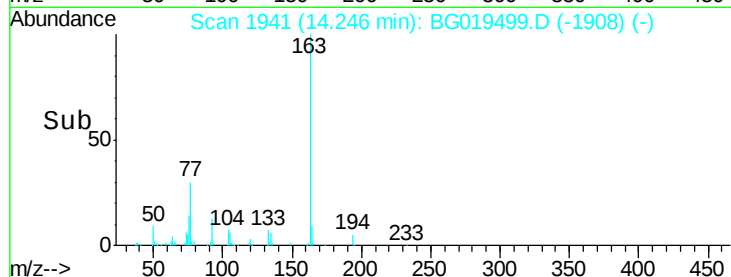
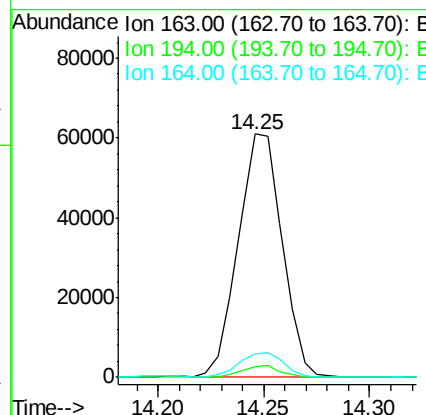
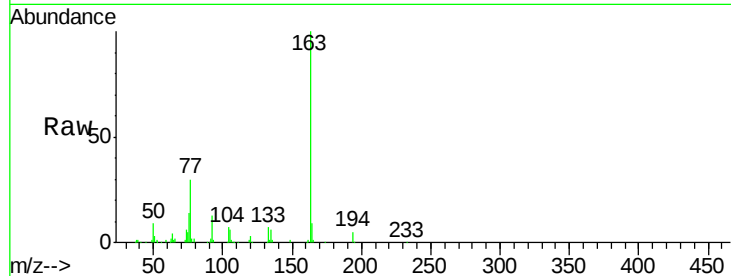




#45
 Dimethylphthalate
 Concen: 7.95 ng/ul
 RT: 14.25 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG019499.D
 Acq: 5 Nov 2015 19:19

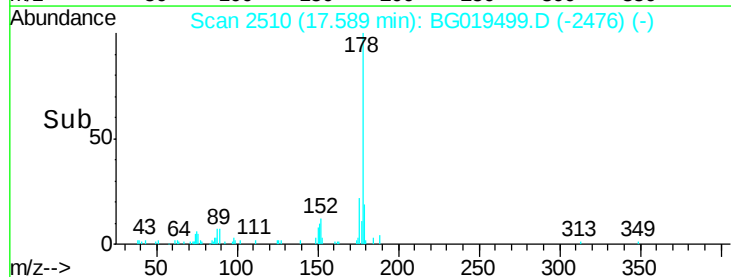
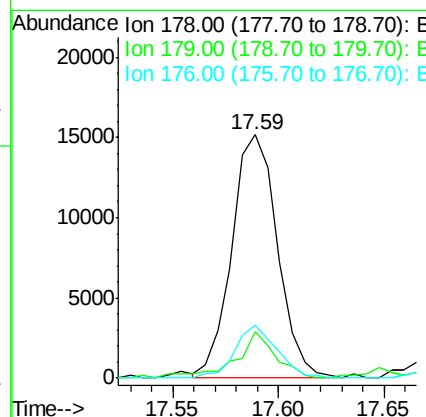
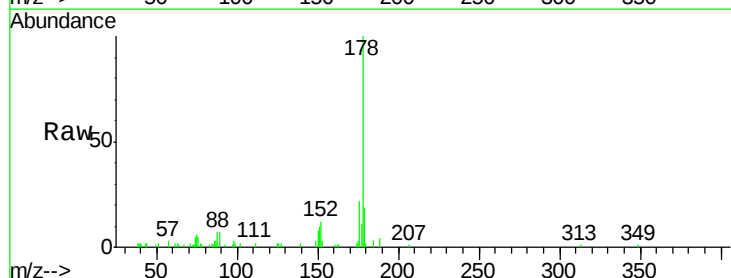
Instrument :
 BNA_G
 ClientSampleId :
 C0AP9

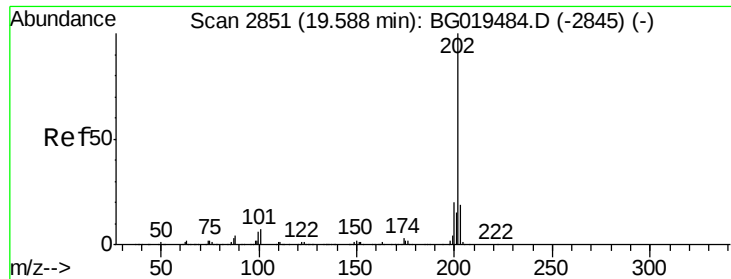
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.3	6.5
164	9.4	7.5	11.3



#70
 Phenanthrene
 Concen: 1.22 ng/ul
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG019499.D
 Acq: 5 Nov 2015 19:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.6	18.8#
176	21.6	14.3	21.5#





#77

Fluoranthene

Concen: 3.07 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG019499.D

Acq: 5 Nov 2015 19:19

Instrument :

BNA_G

ClientSampleId :

C0AP9

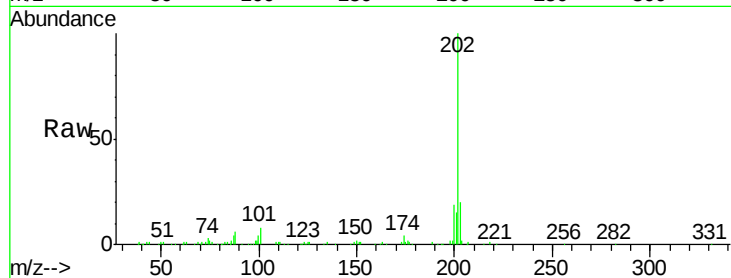
Tgt Ion:202 Resp: 74053

Ion Ratio Lower Upper

202 100

101 7.8 4.0 6.0#

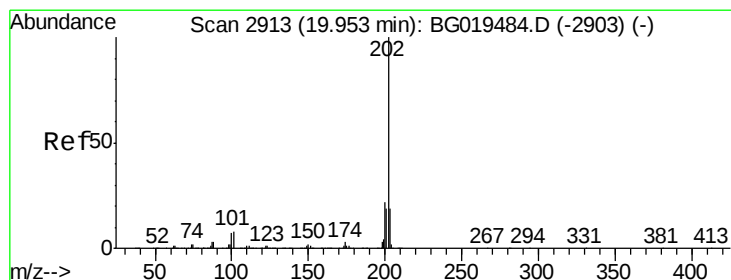
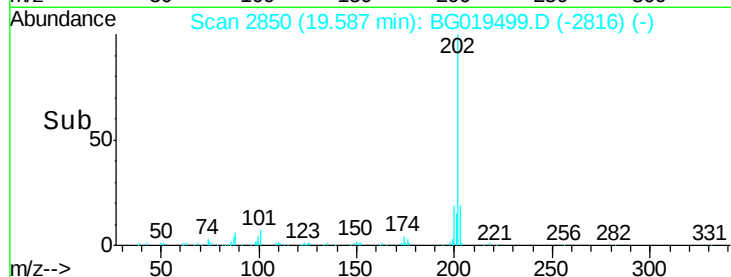
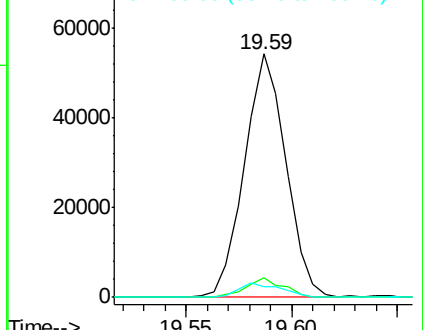
100 4.4 3.6 5.4



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): B



#80

Pyrene

Concen: 2.29 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG019499.D

Acq: 5 Nov 2015 19:19

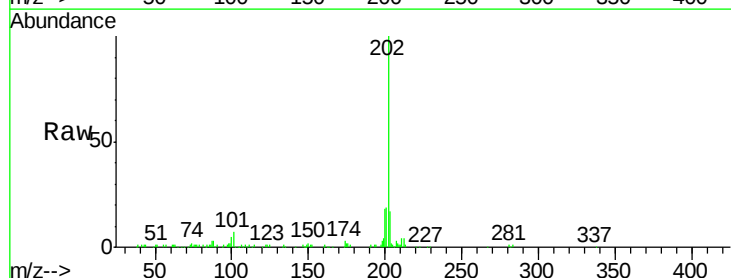
Tgt Ion:202 Resp: 61299

Ion Ratio Lower Upper

202 100

101 6.9 4.3 6.5#

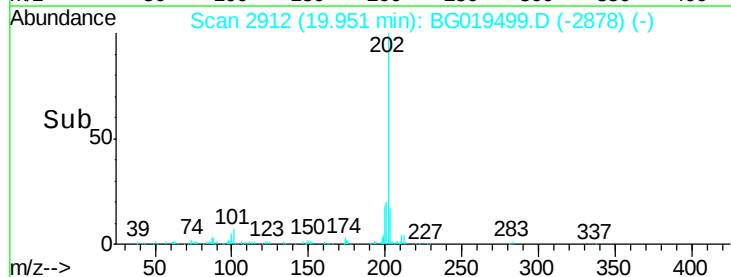
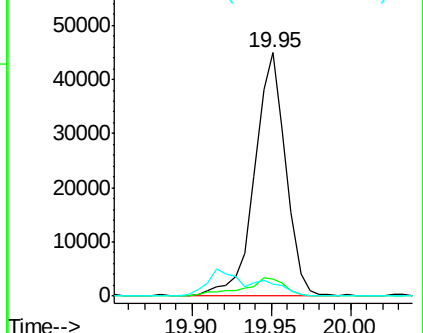
100 5.1 3.6 5.4

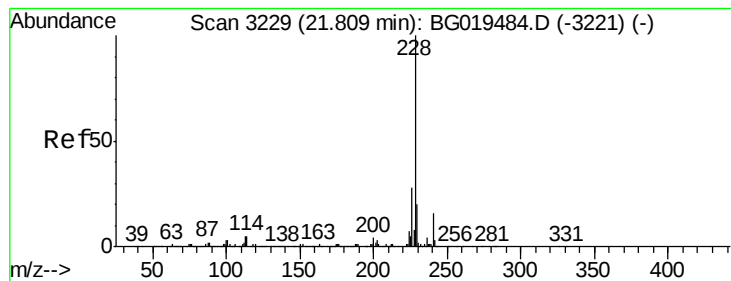


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.36 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG019499.D

Acq: 5 Nov 2015 19:19

Instrument :

BNA_G

ClientSampleId :

C0AP9

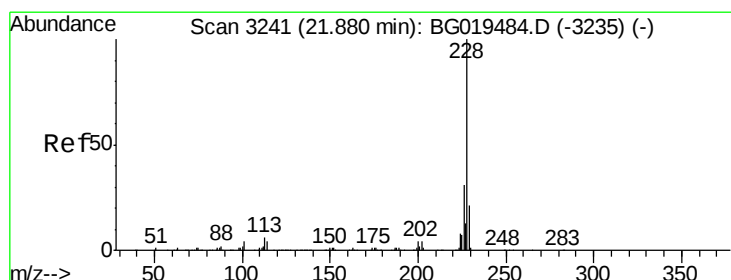
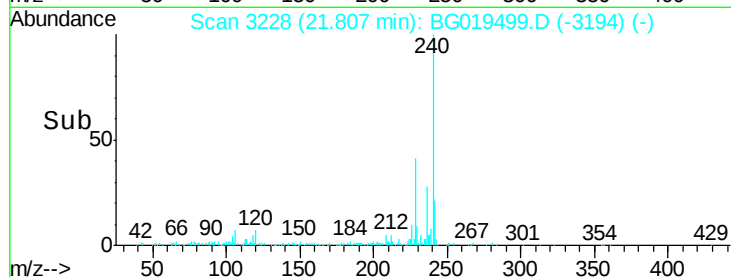
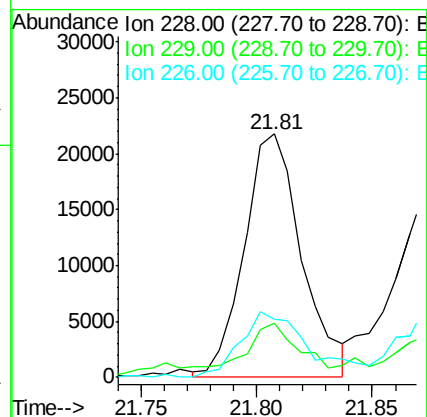
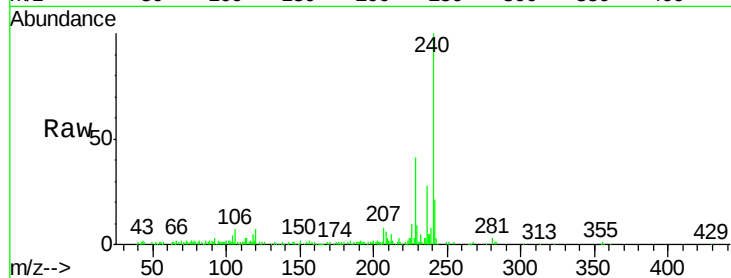
Tgt Ion:228 Resp: 37723

Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.8

226 23.8 21.8 32.6



#85

Chrysene

Concen: 1.20 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG019499.D

Acq: 5 Nov 2015 19:19

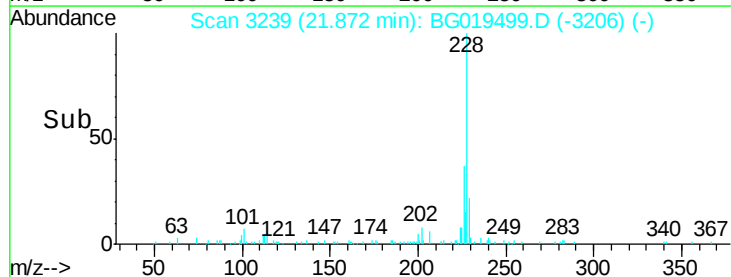
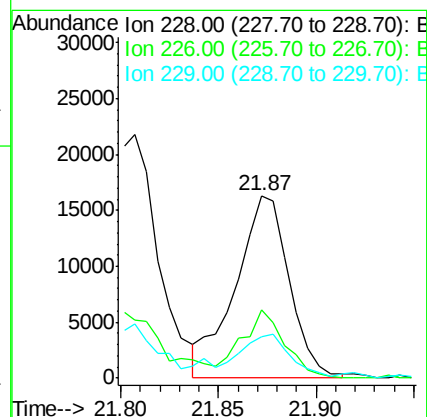
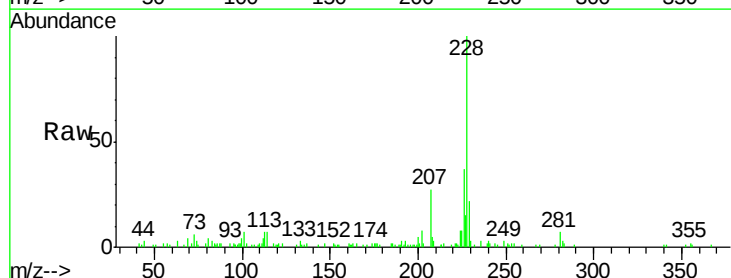
Tgt Ion:228 Resp: 31193

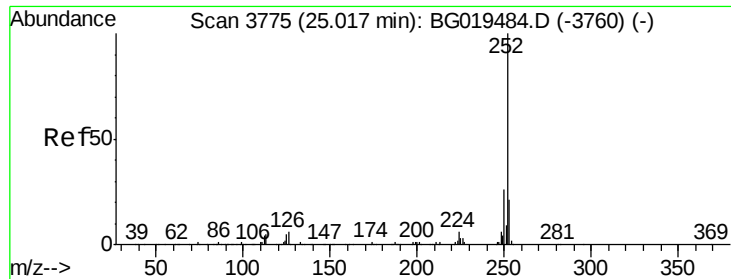
Ion Ratio Lower Upper

228 100

226 37.1 24.6 36.8#

229 22.5 17.3 25.9





#91

Benzo(a)pyrene

Concen: 1.01 ng/ul

RT: 25.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BG019499.D

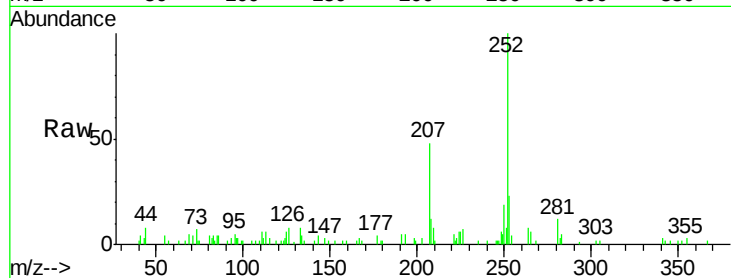
Acq: 5 Nov 2015 19:19

Instrument :

BNA_G

ClientSampleId :

C0AP9



Tgt Ion:	252	Resp:	26354
Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	6.0	3.3	4.9#

