

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019686.D
 Acq On : 18 Nov 2015 7:50
 Operator : UM/NP
 Sample : G4427-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A6

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:27:36 AM

Quant Time: Nov 18 18:36:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	23335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	110610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	96279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	261773	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	333872	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	320168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1899	3.48	ng/uL	0.00
5) Phenol-d5	7.29	99	54581	22.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	34839	22.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	33202	21.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	44535	22.50	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	17701	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	22928	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	45381	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	50767	24.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	172294	19.79	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	189589	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	26882	19.59	ng/ul	0.00
58) Fluorene-d10	15.77	176	151719	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	22963	13.58	ng/ul	0.00
71) Anthracene-d10	17.62	188	262327	20.64	ng/ul	0.00
79) Pyrene-d10	19.89	212	311023	20.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	362468	21.69	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.22	163	133843	15.50	ng/ul	100
70) Phenanthrene	17.56	178	16543	1.18	ng/ul	97
77) Fluoranthene	19.56	202	84710	4.74	ng/ul	98
80) Pyrene	19.92	202	70445	3.61	ng/ul	99
83) Benzo(a)anthracene	21.77	228	49432	2.44	ng/ul	92
85) Chrysene	21.83	228	42272	2.22	ng/ul	96
88) Benzo(b)fluoranthene	24.05	252	40112	2.03	ng/ul	97
91) Benzo(a)pyrene	24.95	252	35412m	1.86	ng/ul	

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

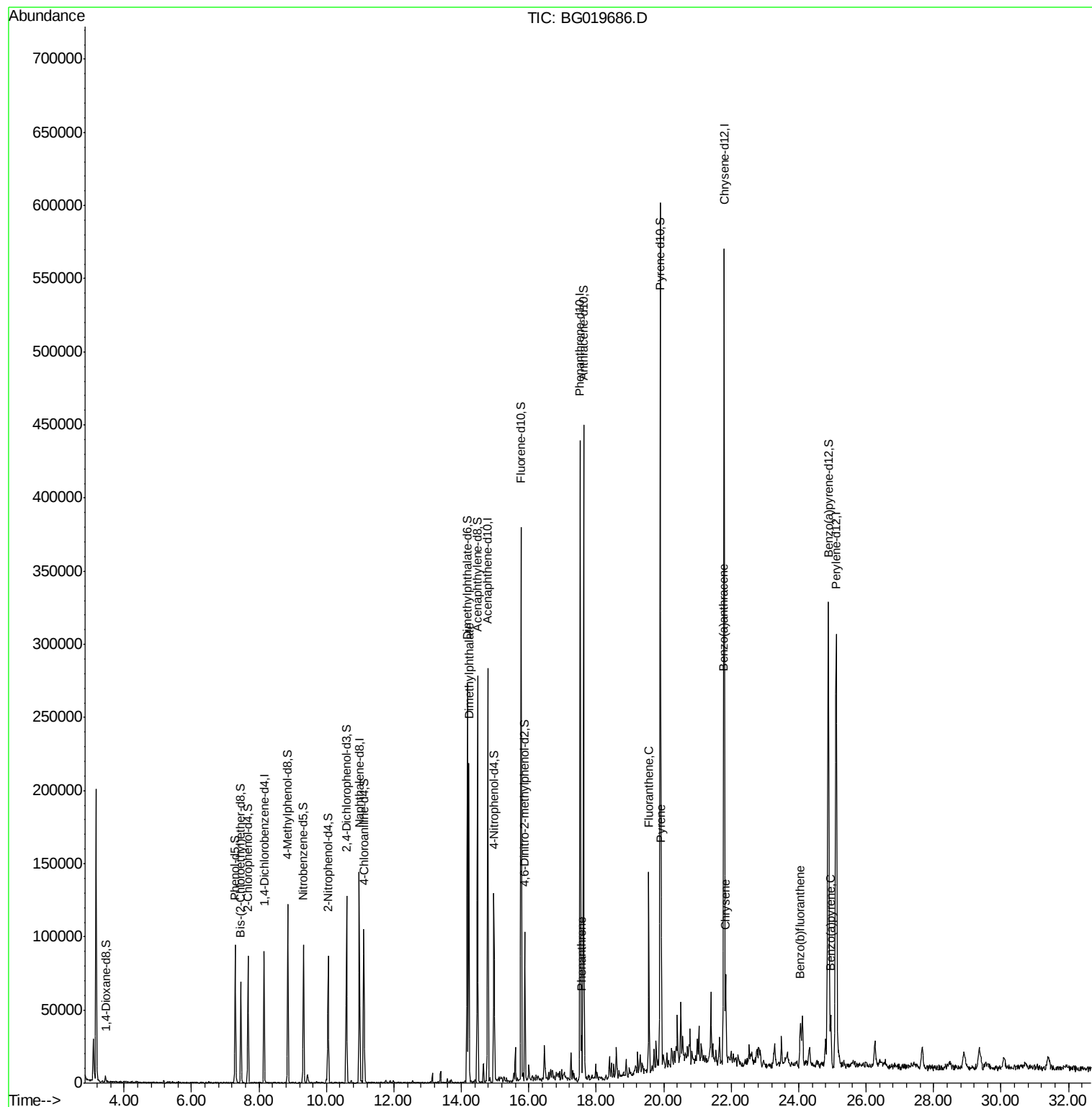
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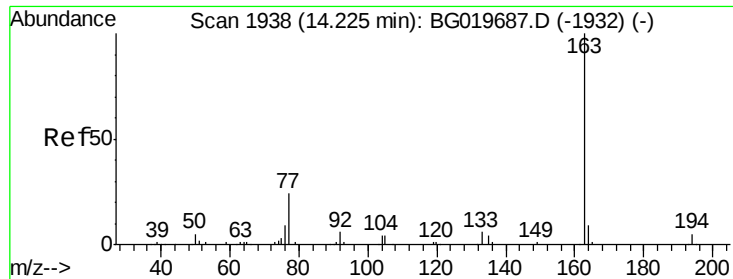
Instrument :
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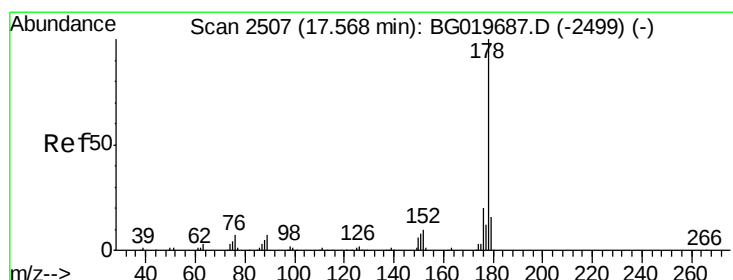
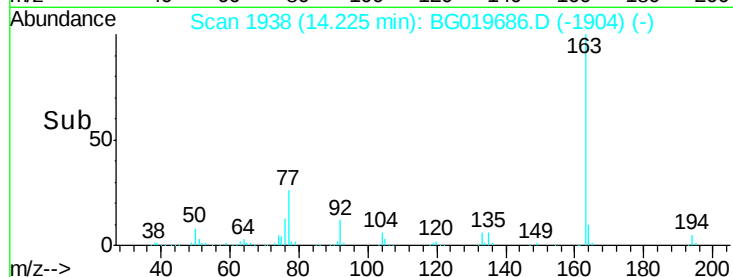
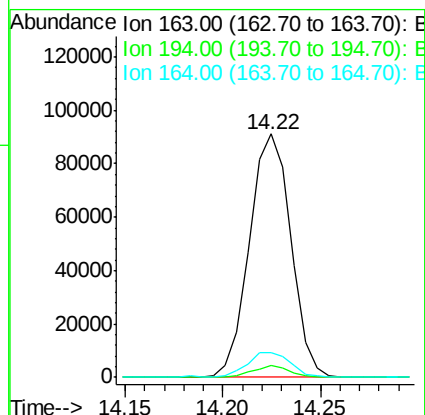
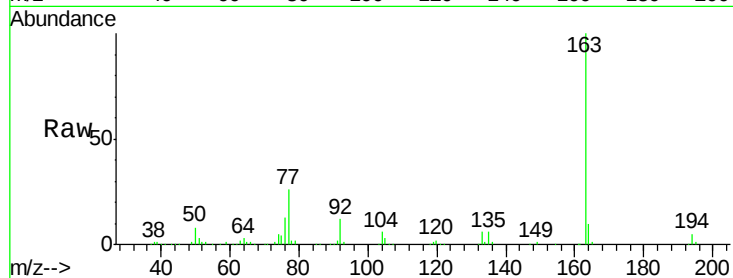
#45
Dimethylphthalate
Concen: 15.50 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG019686.D
Acq: 18 Nov 2015 7:50

Instrument :
BNA_G
ClientSampleId :
BC7A6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	133843		
194	4.9		3.5	5.3
164	10.4		8.3	12.5

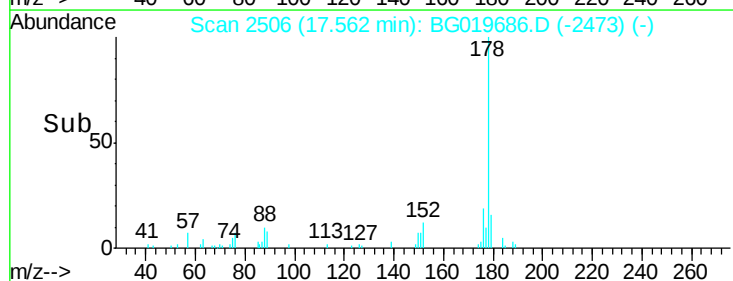
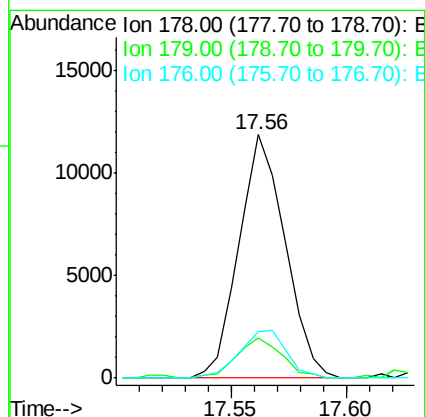
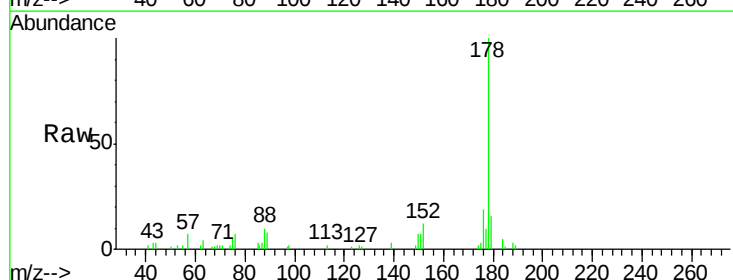
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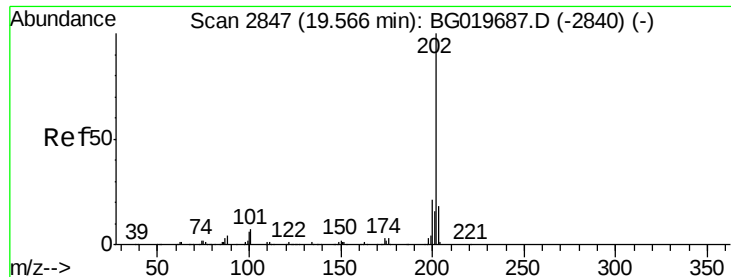
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#70
Phenanthrene
Concen: 1.18 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG019686.D
Acq: 18 Nov 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	16543		
179	16.2		12.2	18.2
176	19.0		16.6	24.8





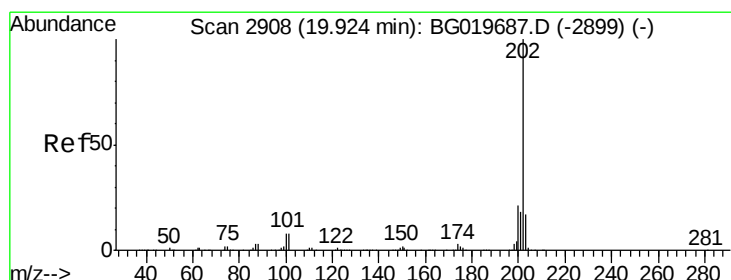
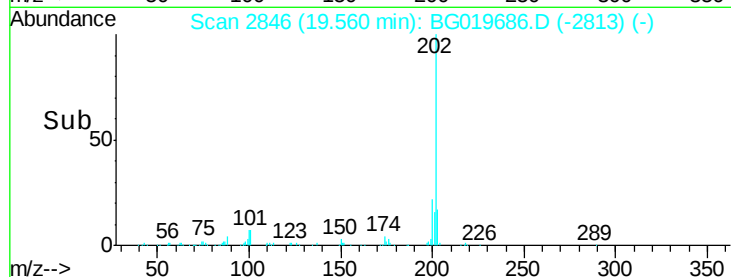
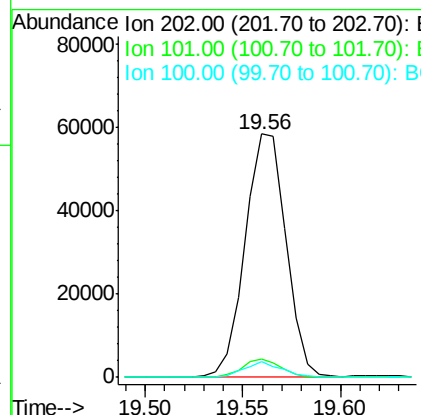
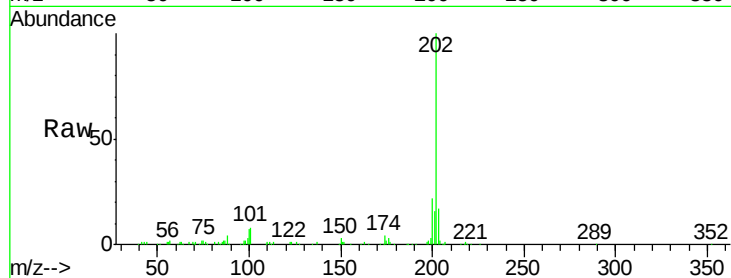
#77
Fluoranthene
Concen: 4.74 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG019686.D
Acq: 18 Nov 2015 7:50

Instrument :
BNA_G
ClientSampleId :
BC7A6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		84710		
101	7.6	5.2	7.8		
100	6.5	5.0	7.4		

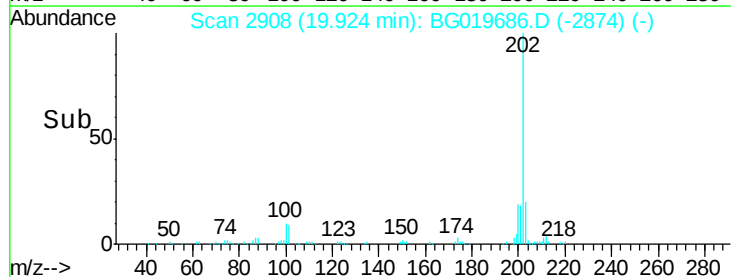
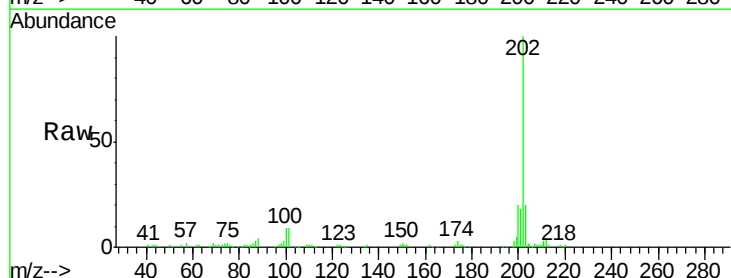
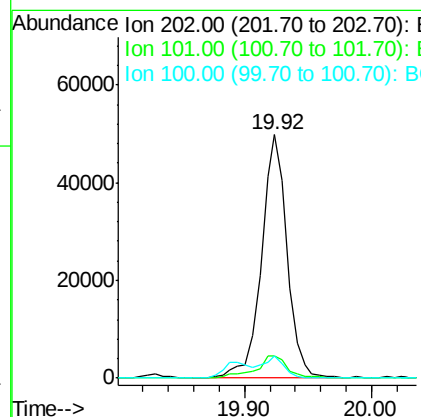
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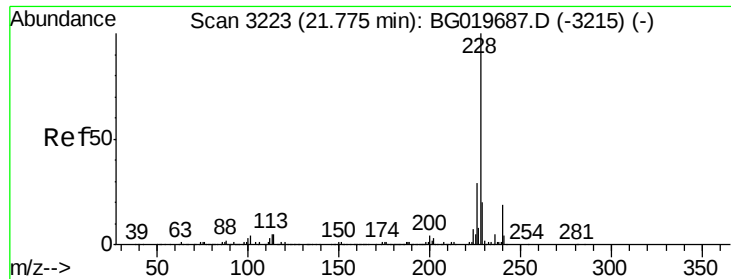
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#80
Pyrene
Concen: 3.61 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019686.D
Acq: 18 Nov 2015 7:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		70445		
101	8.9	7.0	10.6		
100	9.2	6.6	10.0		





#83

Benzo(a)anthracene

Concen: 2.44 ng/ul

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG019686.D

Acq: 18 Nov 2015 7:50

Instrument :

BNA_G

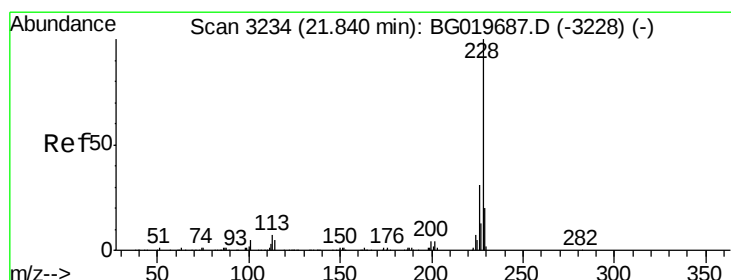
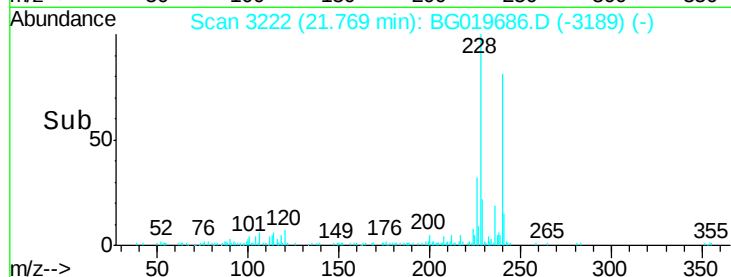
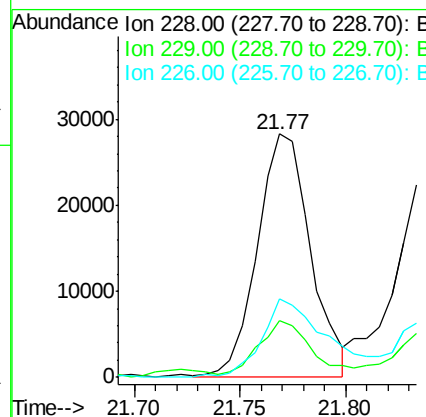
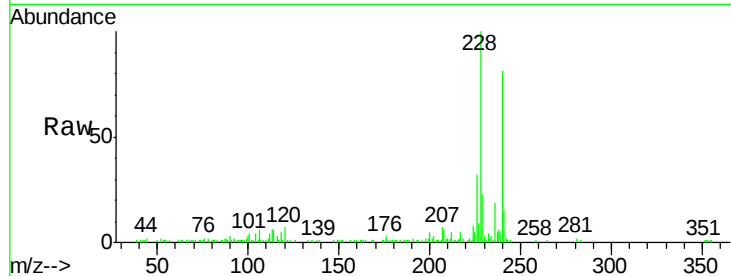
ClientSampleId :

BC7A6

Tot Ion:	228	Resp:	49432
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.7	23.5
226	32.3	22.6	33.8

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#85

Chrysene

Concen: 2.22 ng/ul

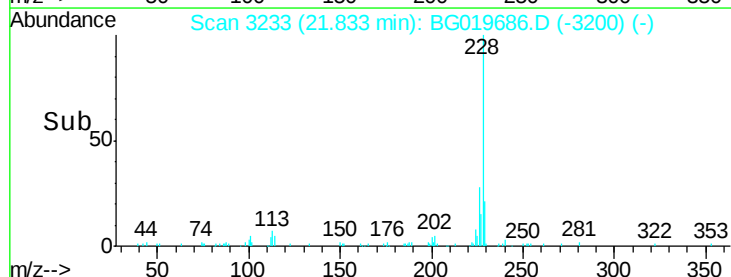
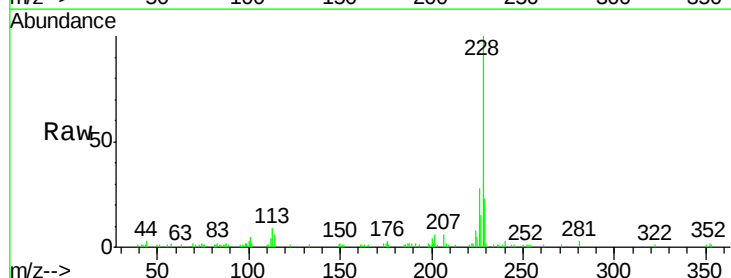
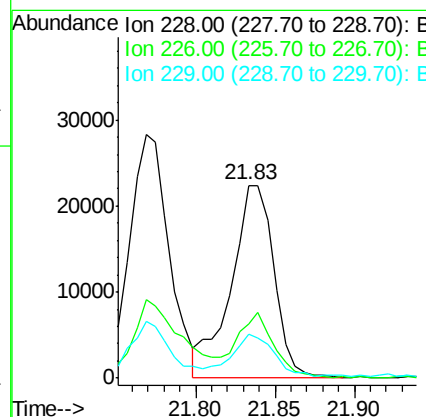
RT: 21.83 min Scan# 3233

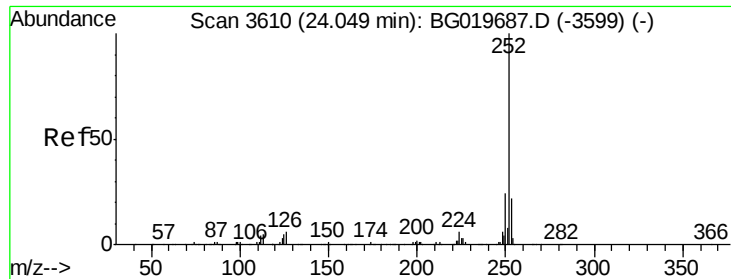
Delta R.T. -0.01 min

Lab File: BG019686.D

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Tgt Ion:	228	Resp:	42272
Ion Ratio	Lower	Upper	
228	100		
226	28.3	24.9	37.3
229	22.6	17.0	25.6





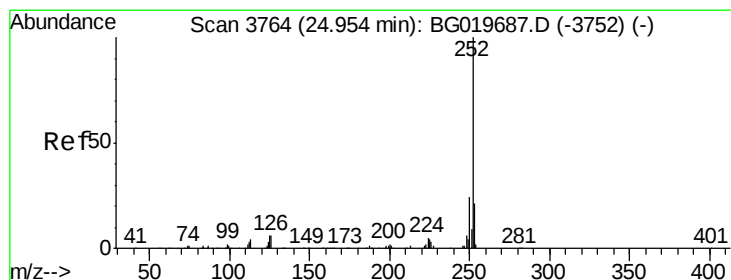
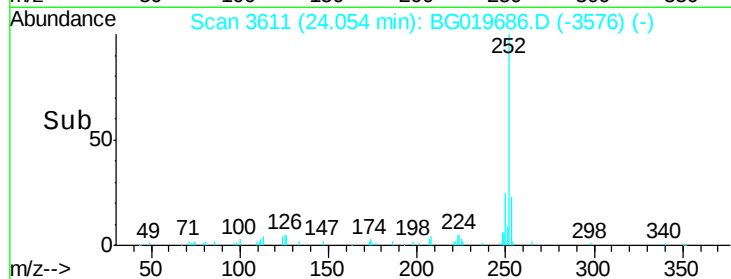
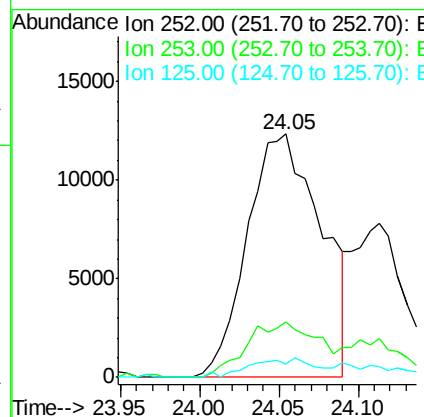
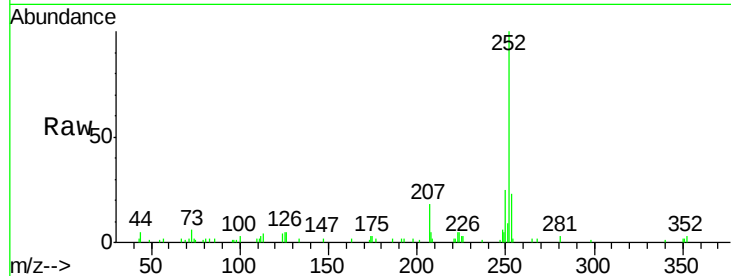
#88
Benzo(b)fluoranthene
Concen: 2.03 ng/ul
RT: 24.05 min Scan# 3611
Delta R.T. 0.01 min
Lab File: BG019686.D
Acq: 18 Nov 2015 7:50

Instrument :
BNA_G
ClientSampleId :
BC7A6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	5.3	4.2	6.4

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#91
Benzo(a)pyrene
Concen: 1.86 ng/ul m
RT: 24.95 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BG019686.D
Acq: 18 Nov 2015 7:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	16.9	25.3#
125	5.1	5.4	8.0#

