

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019669.D
 Acq On : 17 Nov 2015 21:01
 Operator : UM/NP
 Sample : G4427-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC799

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:26:49 AM

Quant Time: Nov 18 02:18:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 01:19:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	85223	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	78442	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	231606	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	297506	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	286099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2589	5.95	ng/uL	0.00
5) Phenol-d5	7.29	99	56746	29.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	37592	30.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	33356	27.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	47684	30.25	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	18030	25.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	21139	26.84	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.59	165	43714	25.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	50820	31.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	185607	26.16	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	170245	22.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	29907	26.76	ng/ul	0.00
58) Fluorene-d10	15.77	176	138895	21.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	32318	21.60	ng/ul	0.00
71) Anthracene-d10	17.62	188	249171	22.16	ng/ul	0.00
79) Pyrene-d10	19.89	212	299142	22.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	312473	20.92	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.32	94	4157	2.02	ng/ul#	84
45) Dimethylphthalate	14.22	163	203176	28.88	ng/ul	98
77) Fluoranthene	19.56	202	33372	2.11	ng/ul	98
80) Pyrene	19.92	202	30125	1.73	ng/ul#	95
83) Benzo(a)anthracene	21.77	228	22828m	1.27	ng/ul	
85) Chrysene	21.83	228	21958	1.29	ng/ul	97
88) Benzo(b)fluoranthene	24.04	252	23845	1.35	ng/ul	95
91) Benzo(a)pyrene	24.95	252	19067	1.12	ng/ul#	98

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

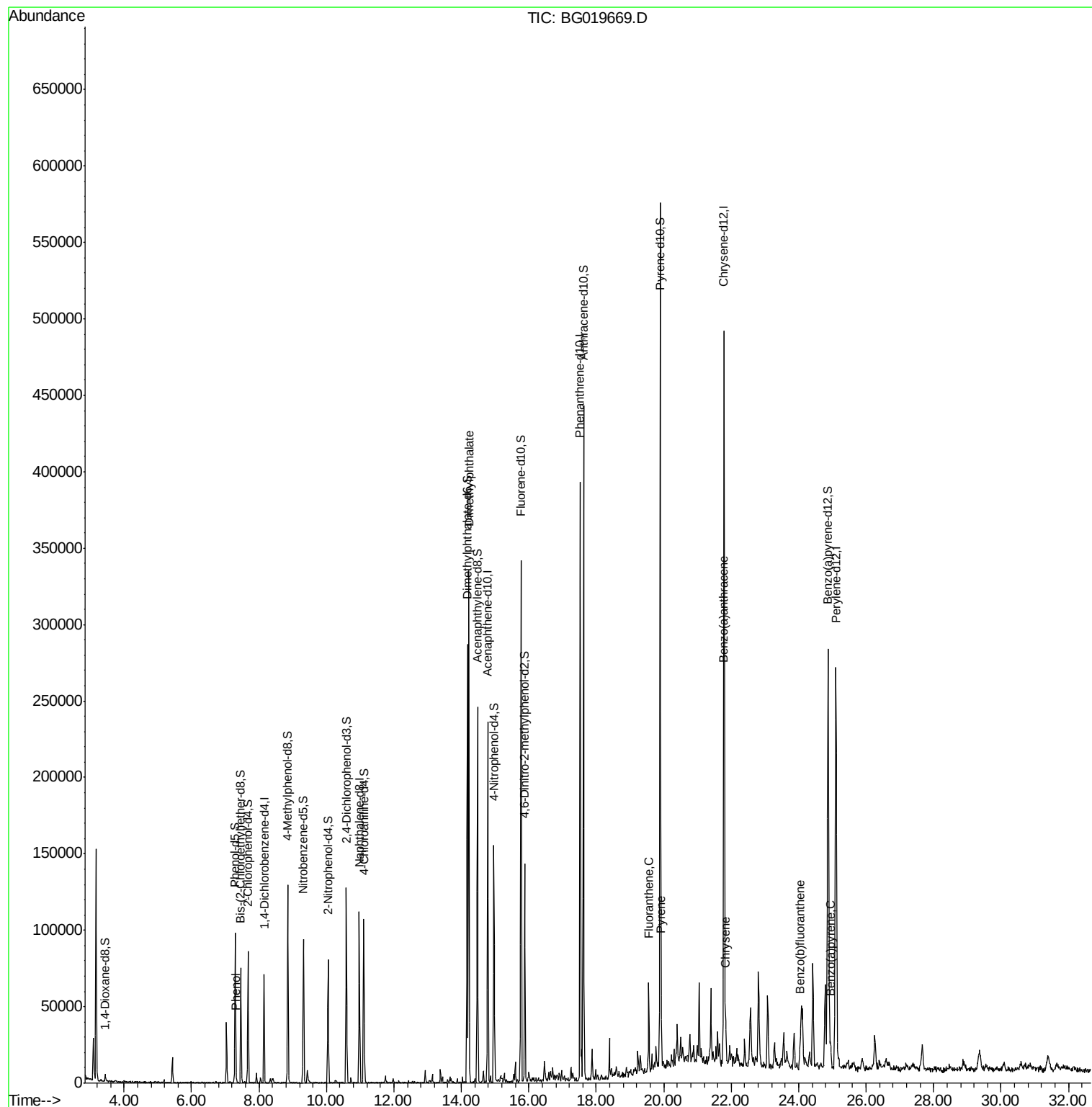
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019669.D
Acq On : 17 Nov 2015 21:01
Operator : UM/NP
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Misc :
ALS Vial : 12 Sample Multiplier: 1

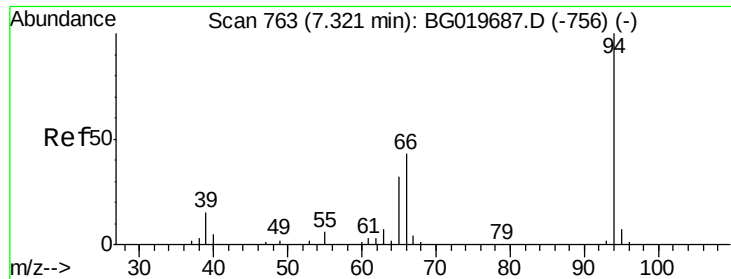
Instrument :
BNA_G
ClientSampleId :
BC799

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Quant Time: Nov 18 02:18:49 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 01:19:35 2015
Response via : Initial Calibration





#6

Phenol

Concen: 2.02 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG019669.D

Acq: 17 Nov 2015 21:01

Instrument :

BNA_G

ClientSampleId :

BC799

Tot Ion: 94 Resp: 4157

Ion Ratio Lower Upper

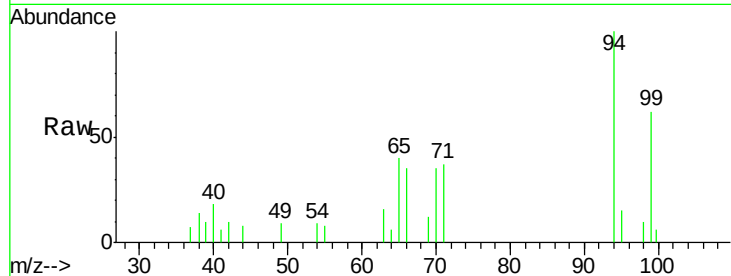
94 100

65 40.1 27.4 41.0

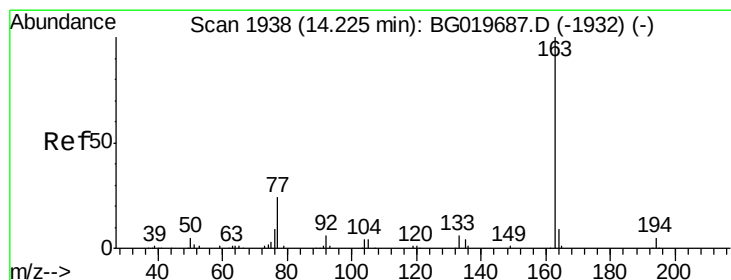
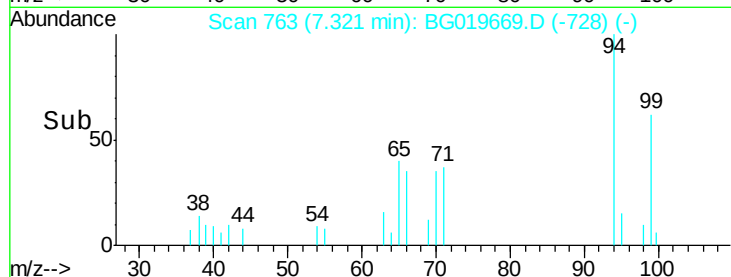
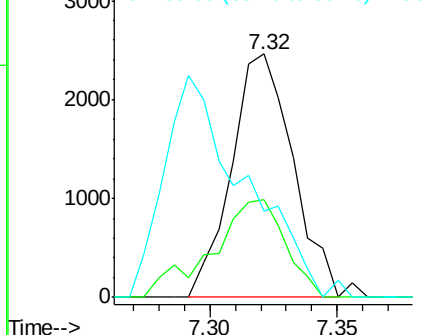
66 35.4 39.0 58.6#

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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 28.88 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019669.D

Acq: 17 Nov 2015 21:01

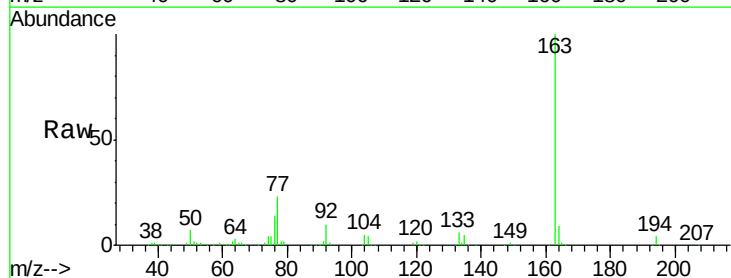
Tgt Ion:163 Resp: 203176

Ion Ratio Lower Upper

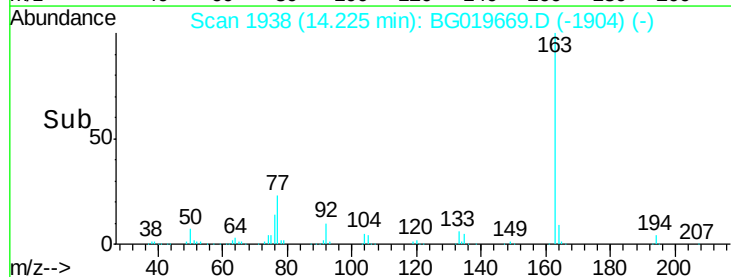
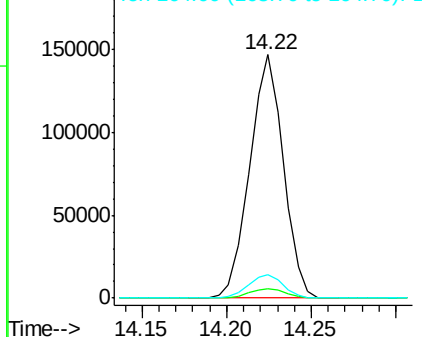
163 100

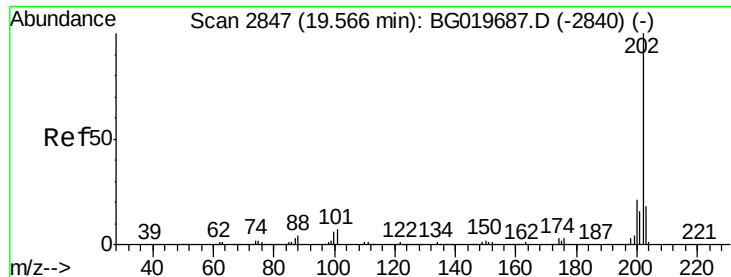
194 4.0 3.5 5.3

164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





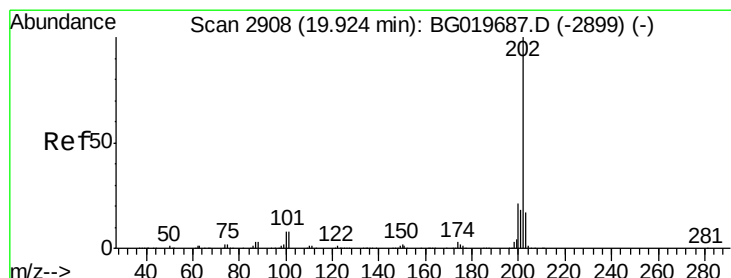
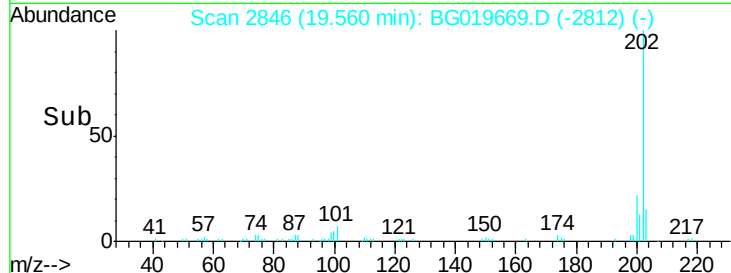
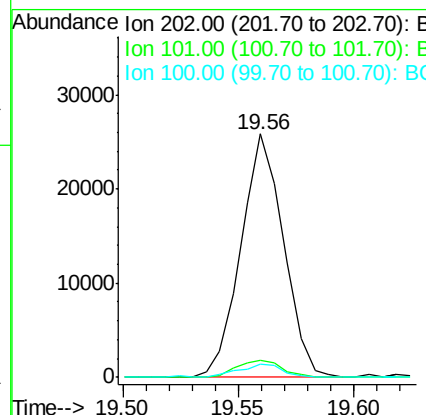
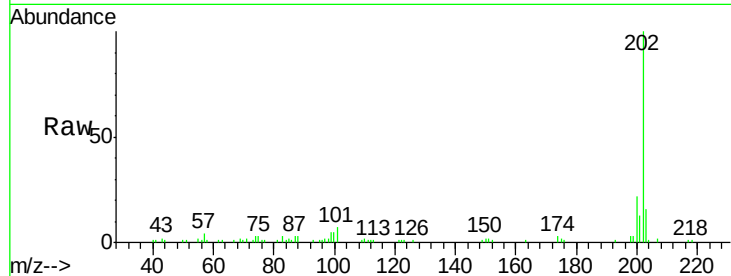
#77
Fluoranthene
Concen: 2.11 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Instrument :
BNA_G
ClientSampleId :
BC799

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.0	5.2	7.8
100	5.5	5.0	7.4

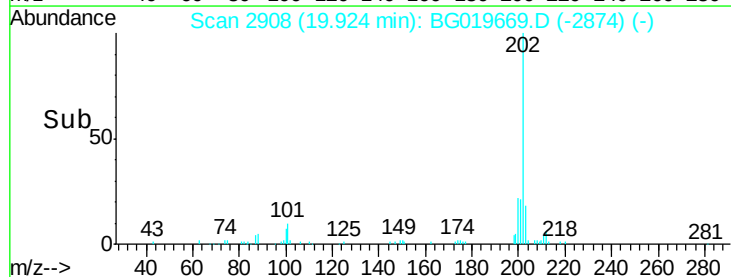
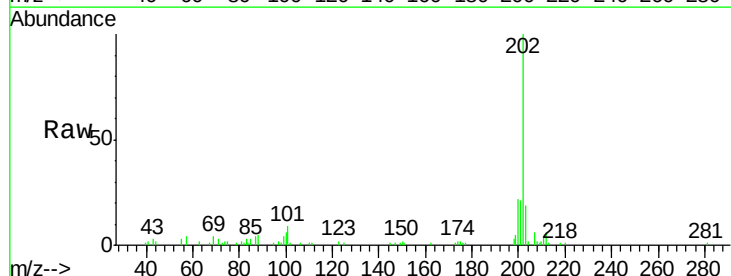
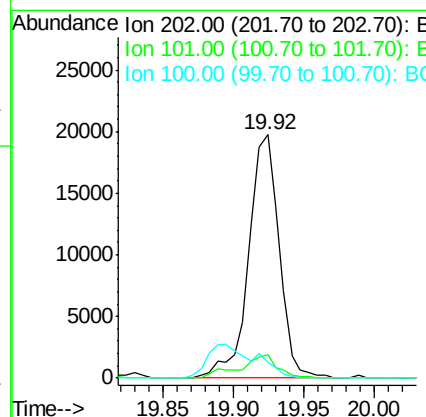
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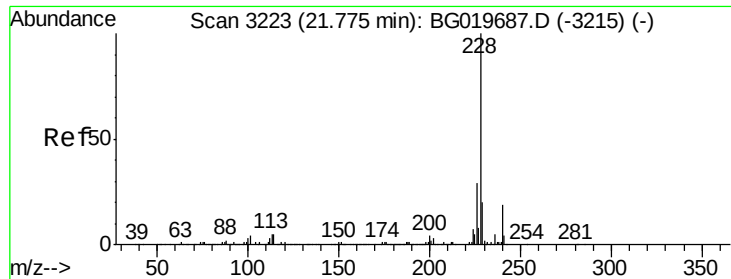
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#80
Pyrene
Concen: 1.73 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	7.0	10.6#
100	6.5	6.6	10.0#





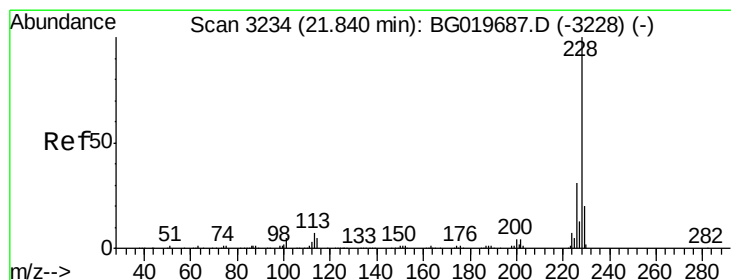
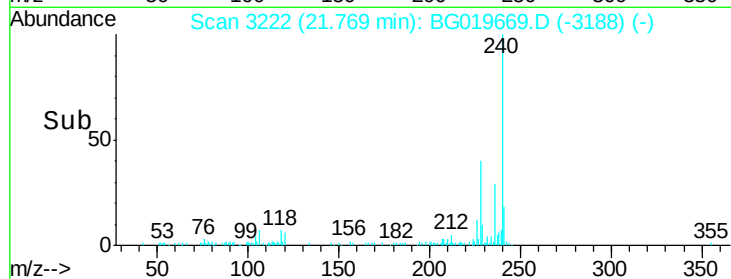
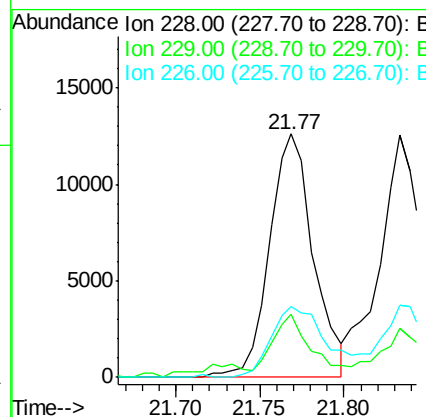
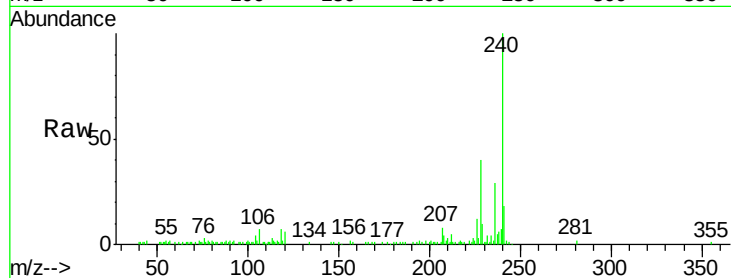
#83
Benzo(a)anthracene
Concen: 1.27 ng/ul m
RT: 21.77 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Instrument :
BNA_G
ClientSampleId :
BC799

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.7	23.5#
226	29.1	22.6	33.8

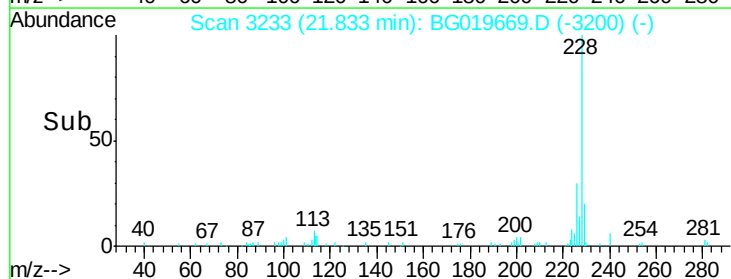
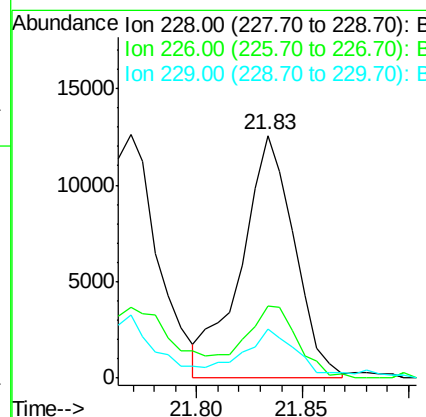
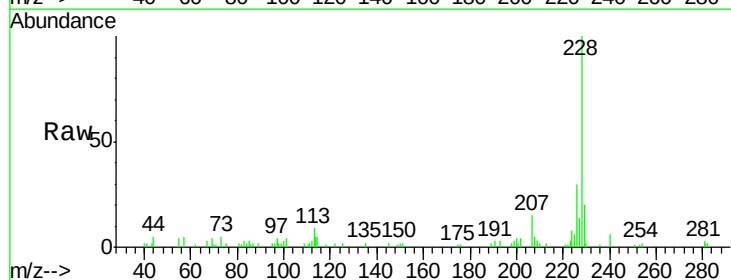
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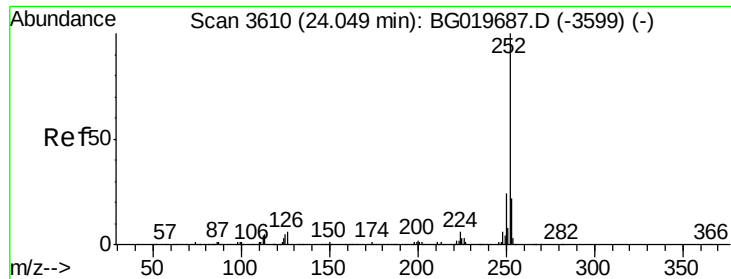
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#85
Chrysene
Concen: 1.29 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	20.3	17.0	25.6





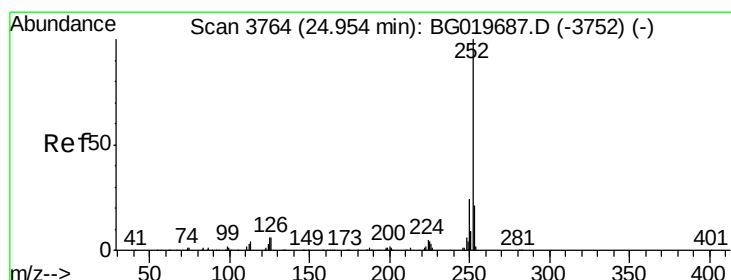
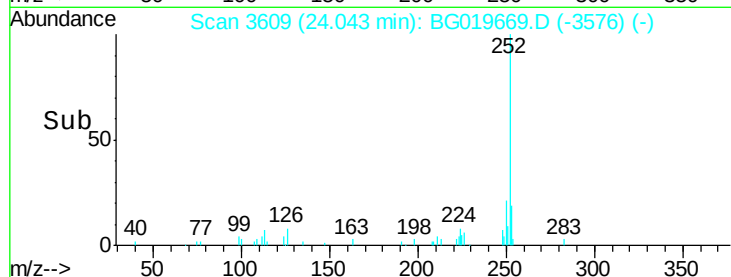
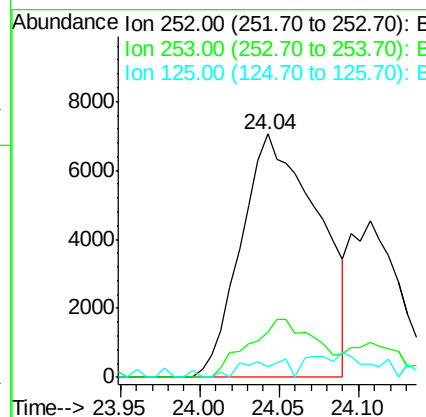
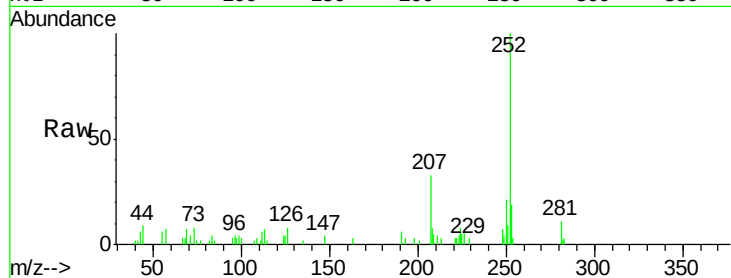
#88
Benzo(b)fluoranthene
Concen: 1.35 ng/ul
RT: 24.04 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Instrument :
BNA_G
ClientSampleId :
BC799

Tot Ion	Ratio	Lower	Upper
252	100		
253	18.8	17.1	25.7
125	4.3	4.2	6.4

Manual Integrations
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#91
Benzo(a)pyrene
Concen: 1.12 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.9	25.3
125	8.8	5.4	8.0

