

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029226.D
 Acq On : 14 Oct 2017 14:07
 Operator : SJ/JU
 Sample : I5574-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C32

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:33:04 PM

Quant Time: Oct 15 00:51:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	111356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	485164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	298609	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	701622	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	662107	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	646700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8544	3.12	ng/uL	0.00
5) Phenol-d5	7.32	99	184481	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	117396	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	135933	18.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	144708	16.76	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	69101	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	71321	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	140253	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	174396	18.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	463213	18.14	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	570966	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	72024	15.28	ng/ul	0.00
57) Fluorene-d10	15.78	176	410500	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	49205	14.37	ng/ul	0.00
70) Anthracene-d10	17.62	188	617102	18.60	ng/ul	0.00
76) Pyrene-d10	19.90	212	653715	19.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	573728	18.73	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.34	94	35209	3.18	ng/ul	89
44) Dimethylphthalate	14.23	163	175929	7.07	ng/ul	99
69) Phenanthrene	17.57	178	99554	2.62	ng/ul	100
74) Fluoranthene	19.56	202	122031	2.88	ng/ul#	94
77) Pyrene	19.92	202	105808	2.38	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	59712	1.44	ng/ul	98
82) Chrysene	21.84	228	52671m	1.40	ng/ul	
85) Benzo(b)fluoranthene	24.05	252	62926	1.62	ng/ul#	93
88) Benzo(a)pyrene	24.94	252	41133	1.09	ng/ul#	87

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

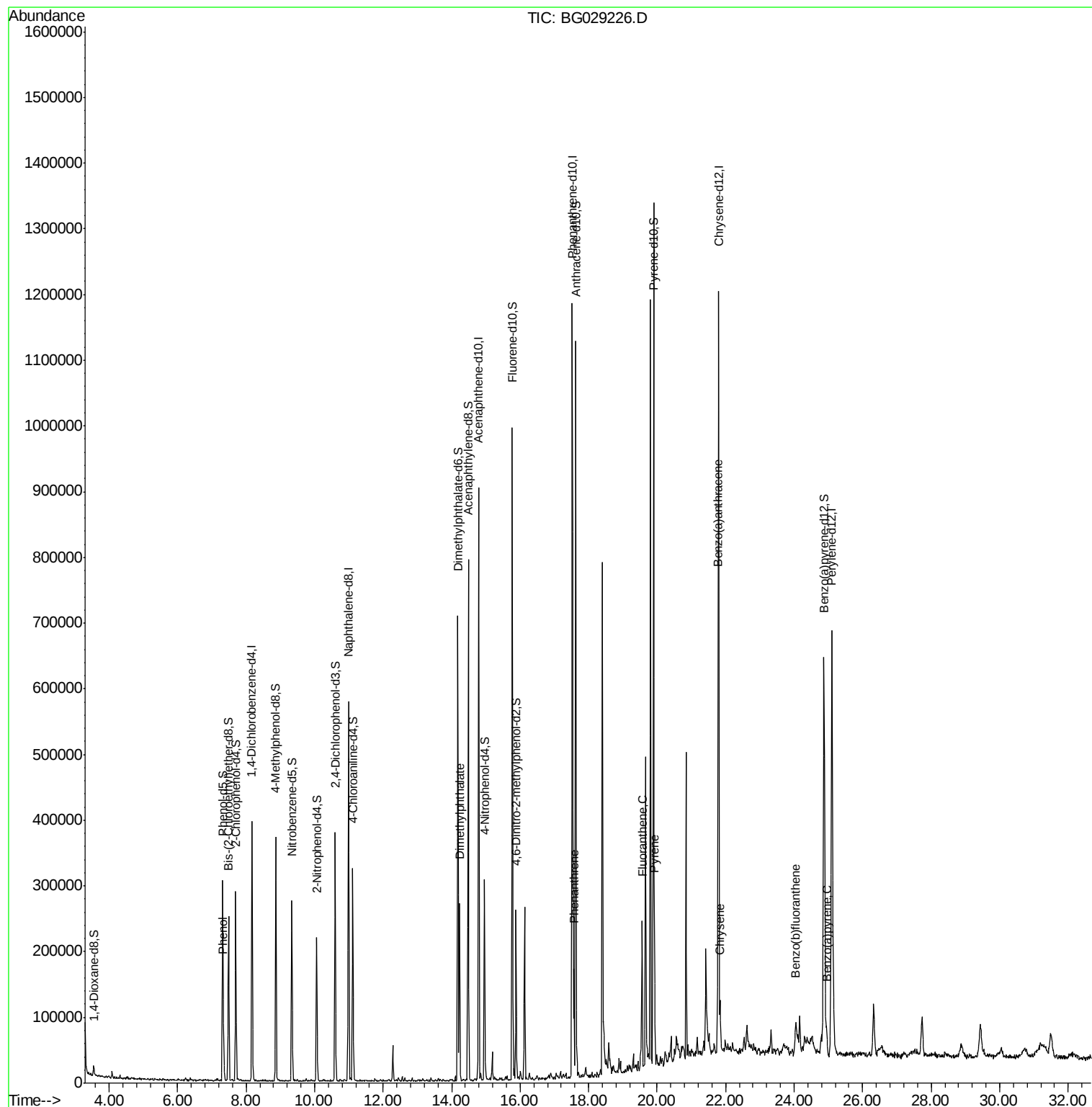
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
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ALS Vial : 36 Sample Multiplier: 1

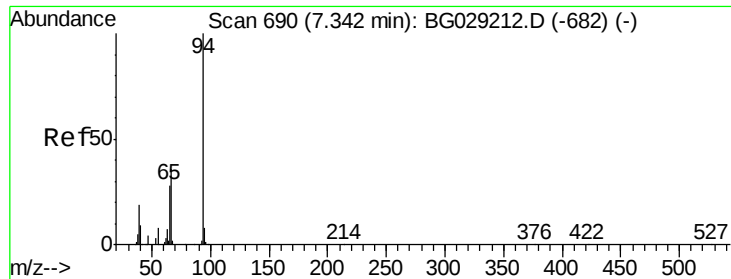
Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Oct 15 00:51:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.18 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Instrument :

BNA_G

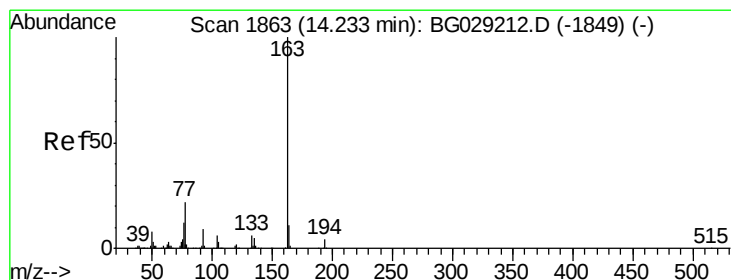
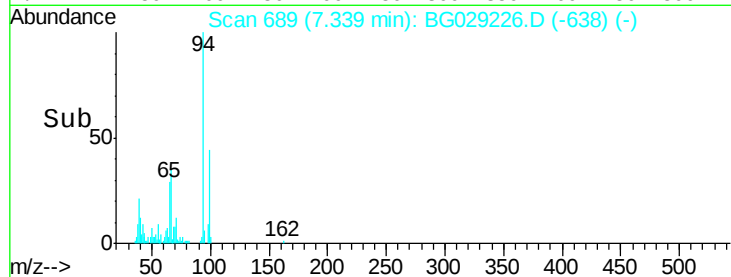
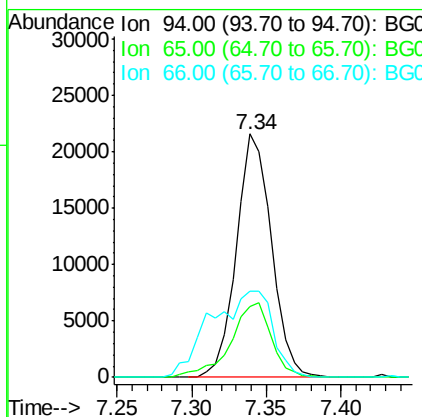
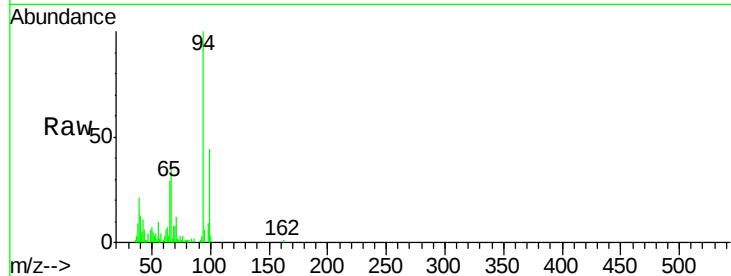
ClientSampleId :

B0C32

Tgt Ion:	94	Resp:	35209
Ion Ratio	Lower	Upper	
94	100		
65	28.9	27.1	40.7
66	35.2	34.6	52.0

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#44

Dimethylphthalate

Concen: 7.07 ng/ul

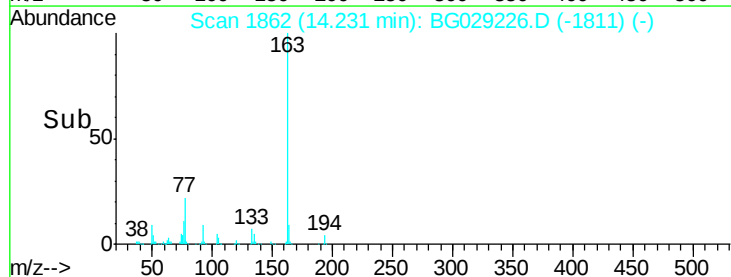
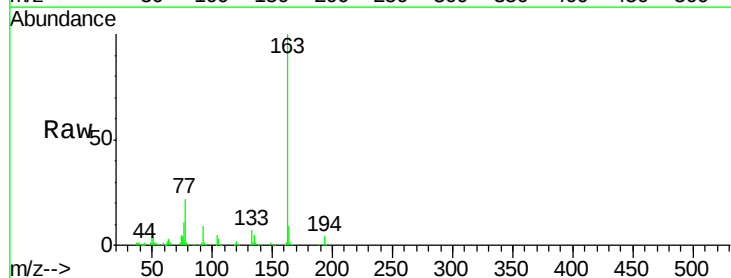
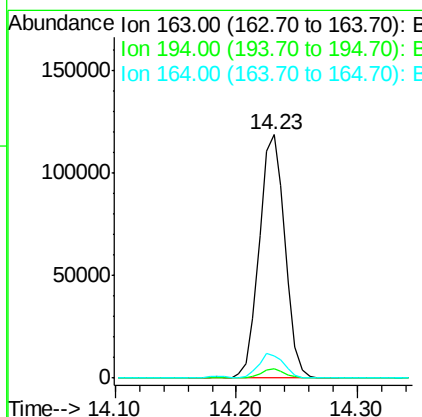
RT: 14.23 min Scan# 1862

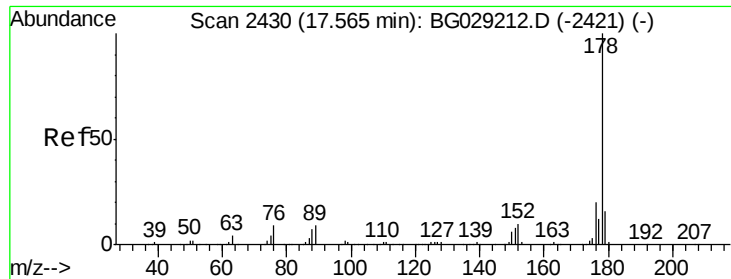
Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Tgt Ion:	163	Resp:	175929
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	9.1	7.6	11.4





#69

Phenanthrene

Concen: 2.62 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Instrument :

BNA_G

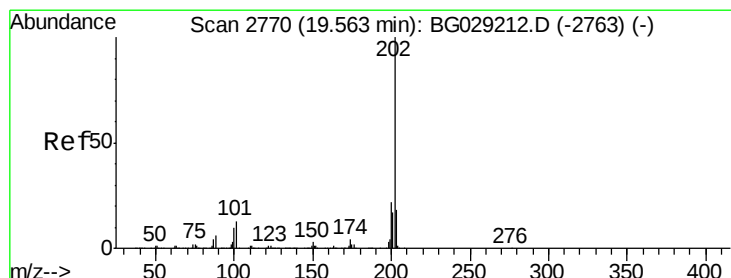
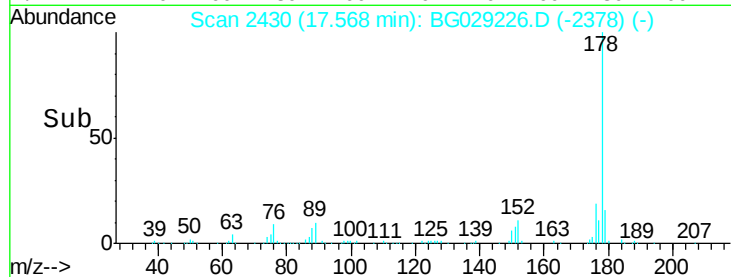
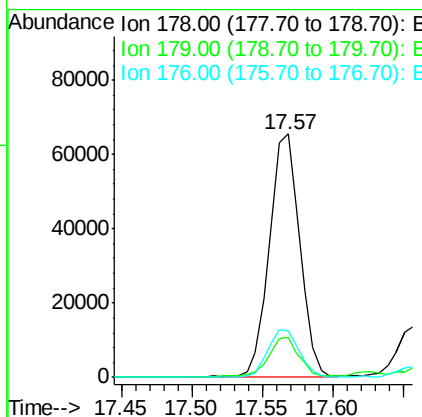
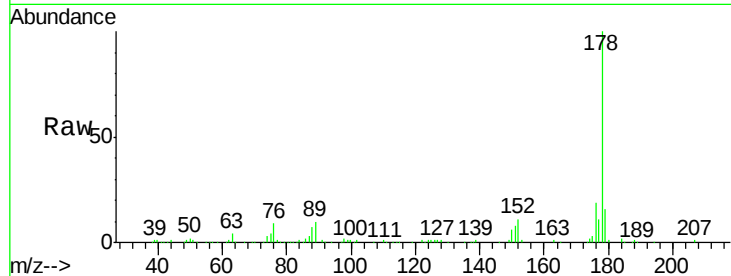
ClientSampleId :

B0C32

Tgt Ion:	178	Resp:	99554
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.6
176	19.0	15.3	22.9

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#74

Fluoranthene

Concen: 2.88 ng/ul

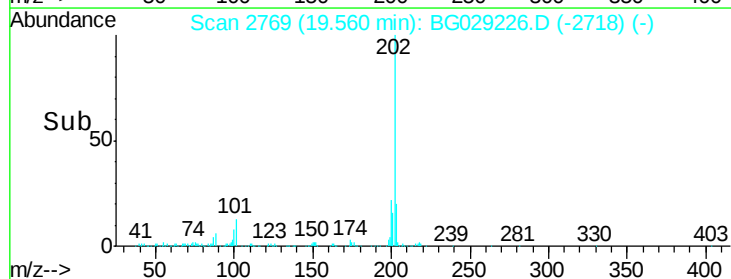
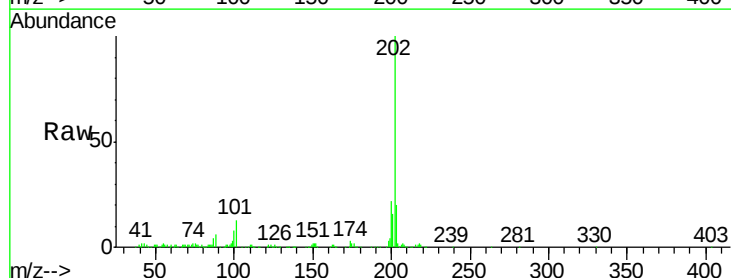
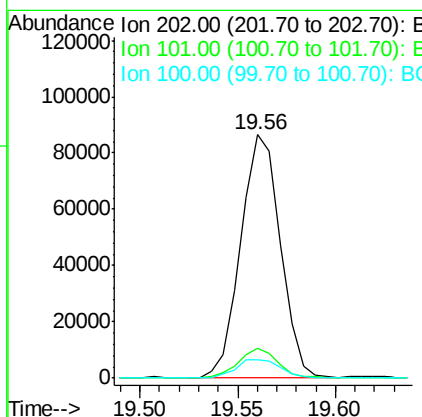
RT: 19.56 min Scan# 2769

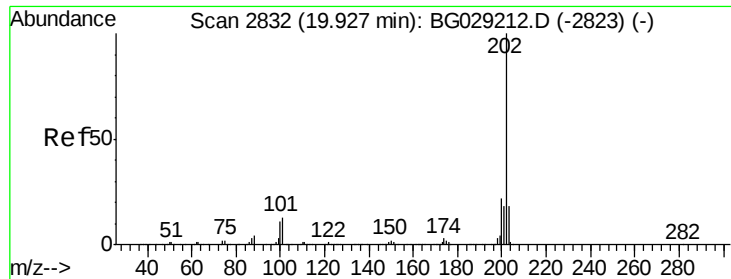
Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Tgt Ion:	202	Resp:	122031
Ion Ratio	Lower	Upper	
202	100		
101	12.5	7.4	11.2#
100	7.7	5.6	8.4





#77

Pyrene

Concen: 2.38 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Instrument :

BNA_G

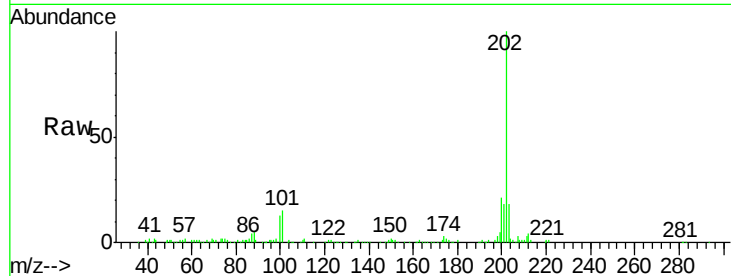
ClientSampleId :

B0C32

Tgt	Ion	202	Resp:	105808
Ion	Ratio	Lower	Upper	
202	100			
101	14.8	8.4	12.6#	
100	12.6	7.0	10.6#	

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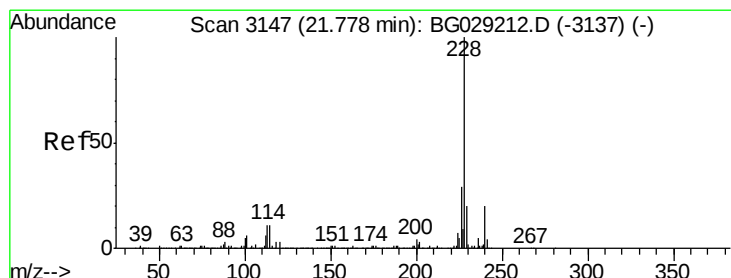
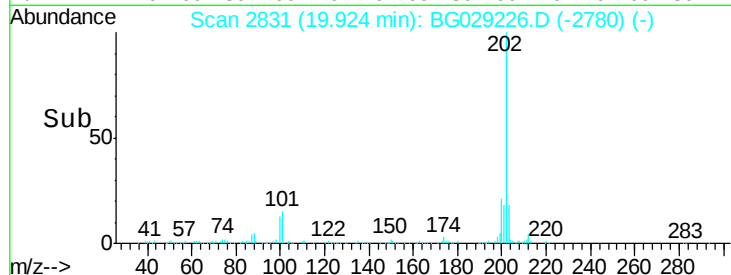
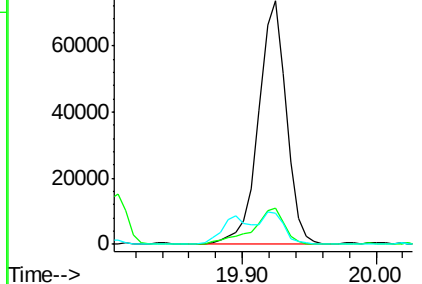
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.44 ng/ul

RT: 21.78 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG029226.D

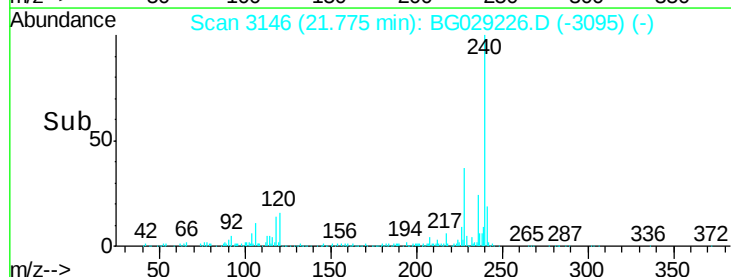
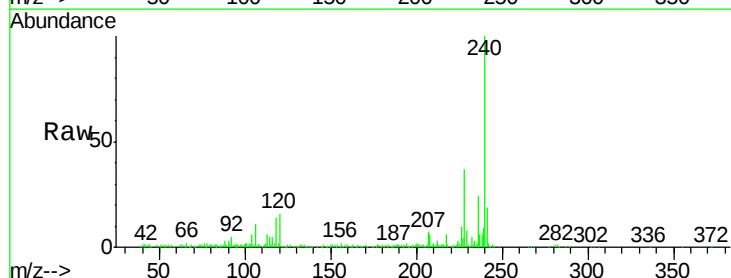
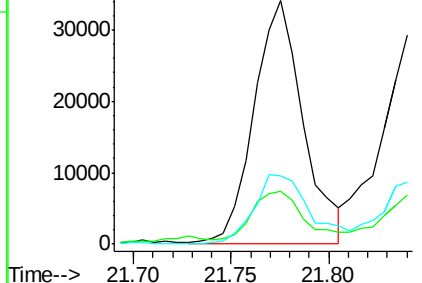
Acq: 14 Oct 2017 14:07

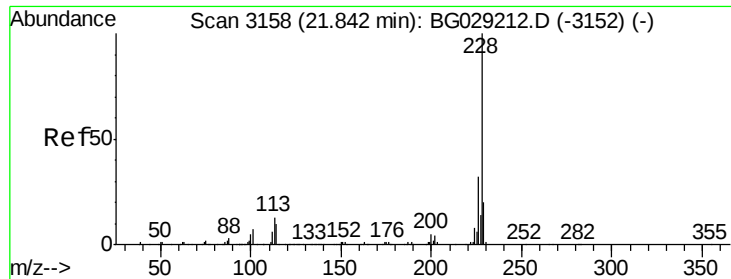
Tgt	Ion	228	Resp:	59712
Ion	Ratio	Lower	Upper	
228	100			
229	21.8	16.2	24.4	
226	28.1	22.2	33.2	

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





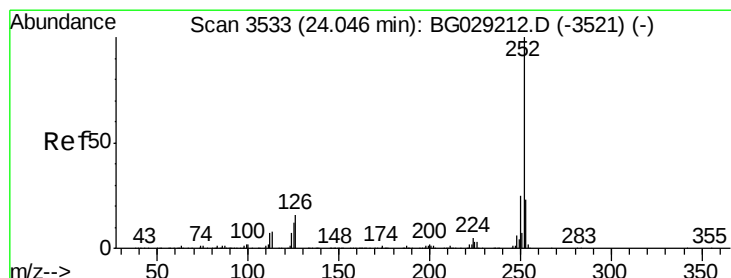
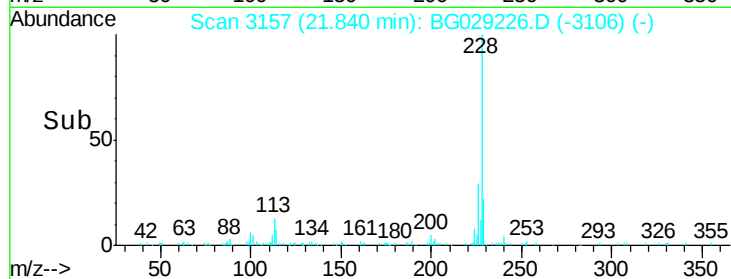
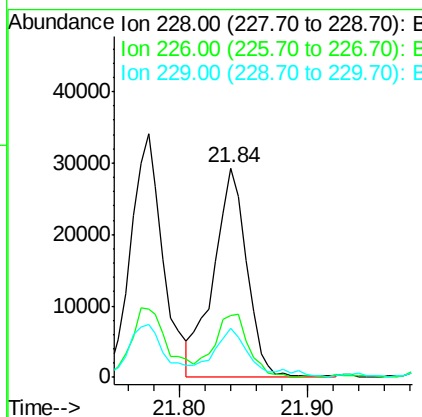
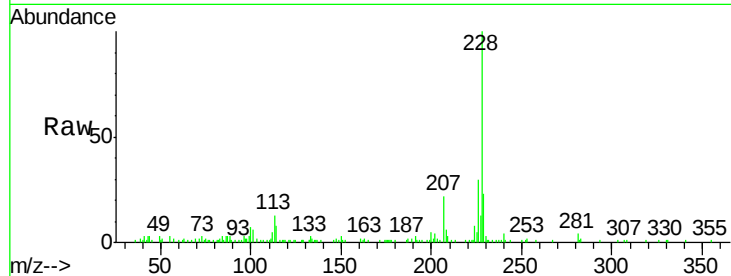
#82
Chrysene
Concen: 1.40 ng/ul m
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG029226.D
Acq: 14 Oct 2017 14:07

Instrument :
BNA_G
ClientSampleId :
B0C32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	52671		
226	29.8		24.2	36.2
229	23.2		15.2	22.8#

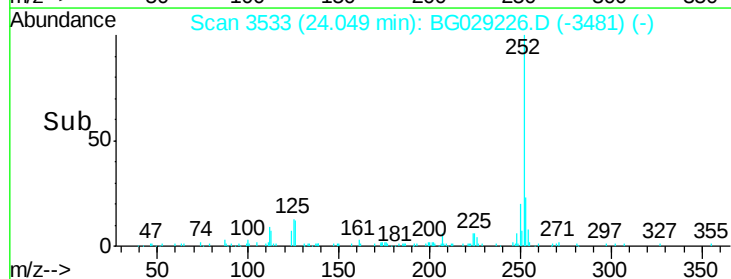
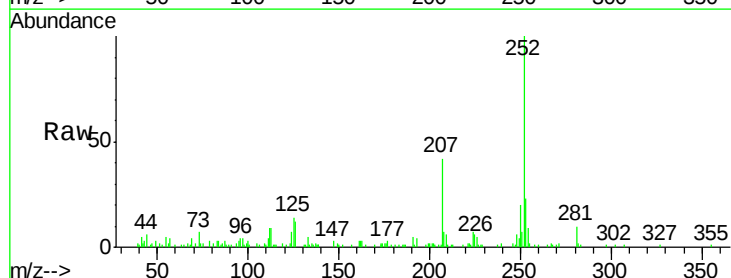
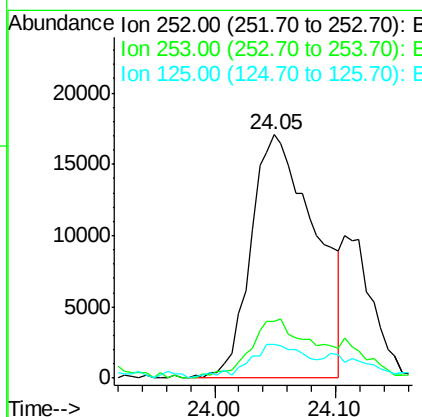
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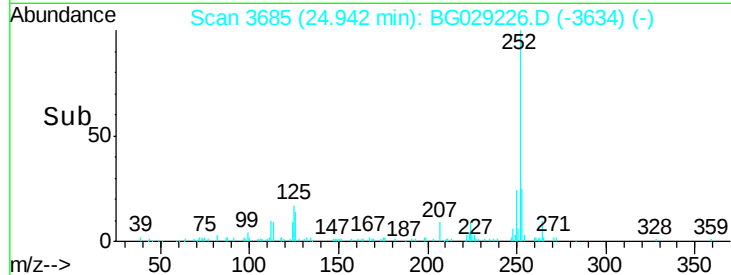
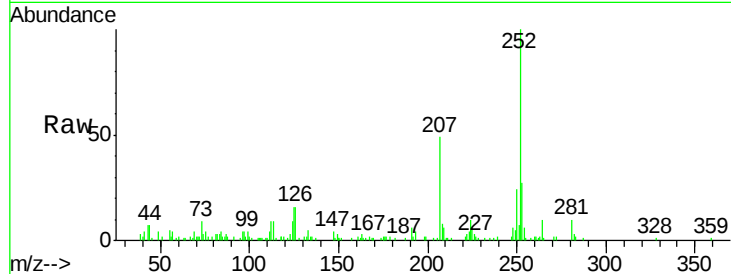
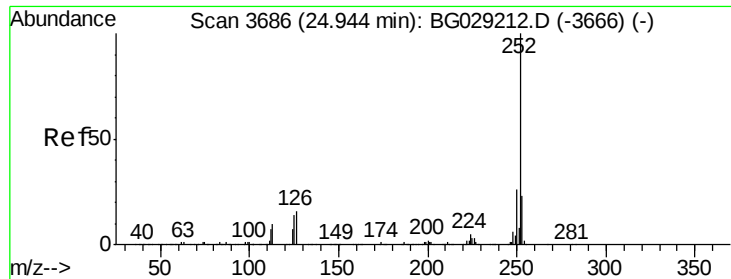
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#85
Benzo(b)fluoranthene
Concen: 1.62 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029226.D
Acq: 14 Oct 2017 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	62926		
253	23.4		17.0	25.4
125	13.8		7.5	11.3#





#88

Benzo(a)pyrene

Concen: 1.09 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Instrument :

BNA_G

ClientSampleId :

B0C32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7#
125	16.4	7.8	11.8#

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