

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029218.D
 Acq On : 14 Oct 2017 8:49
 Operator : SJ/JU
 Sample : I5574-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C04

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:32:28 PM

Quant Time: Oct 15 00:08:45 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	100434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	442669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	269078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	626490	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	593003	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	589106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	10358	4.19	ng/uL	0.00
5) Phenol-d5	7.32	99	196178	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	132314	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	150125	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	152327	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	79463	25.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	80898	24.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	156222	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	170839	19.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	553335	24.05	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	656760	23.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	68465	16.12	ng/ul	0.00
57) Fluorene-d10	15.78	176	478133	25.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	49387	16.15	ng/ul	0.00
70) Anthracene-d10	17.62	188	725202	24.48	ng/ul	0.00
76) Pyrene-d10	19.90	212	747271	24.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	646465	23.17	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.34	94	38616	3.87	ng/ul#	87
44) Dimethylphthalate	14.23	163	187057	8.34	ng/ul	99
69) Phenanthrene	17.56	178	154613	4.57	ng/ul	97
74) Fluoranthene	19.56	202	250734	6.62	ng/ul#	89
77) Pyrene	19.92	202	252889	6.36	ng/ul#	90
80) Benzo(a)anthracene	21.78	228	125152	3.37	ng/ul	95
82) Chrysene	21.84	228	158387	4.69	ng/ul#	96
85) Benzo(b)fluoranthene	24.05	252	173432	4.90	ng/ul#	97
86) Benzo(k)fluoranthene	24.11	252	42112m	1.23	ng/ul	
88) Benzo(a)pyrene	24.95	252	100156	2.91	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.87	276	67005	1.72	ng/ul#	83
91) Benzo(g,h,i)perylene	30.05	276	49248	1.53	ng/ul#	90

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

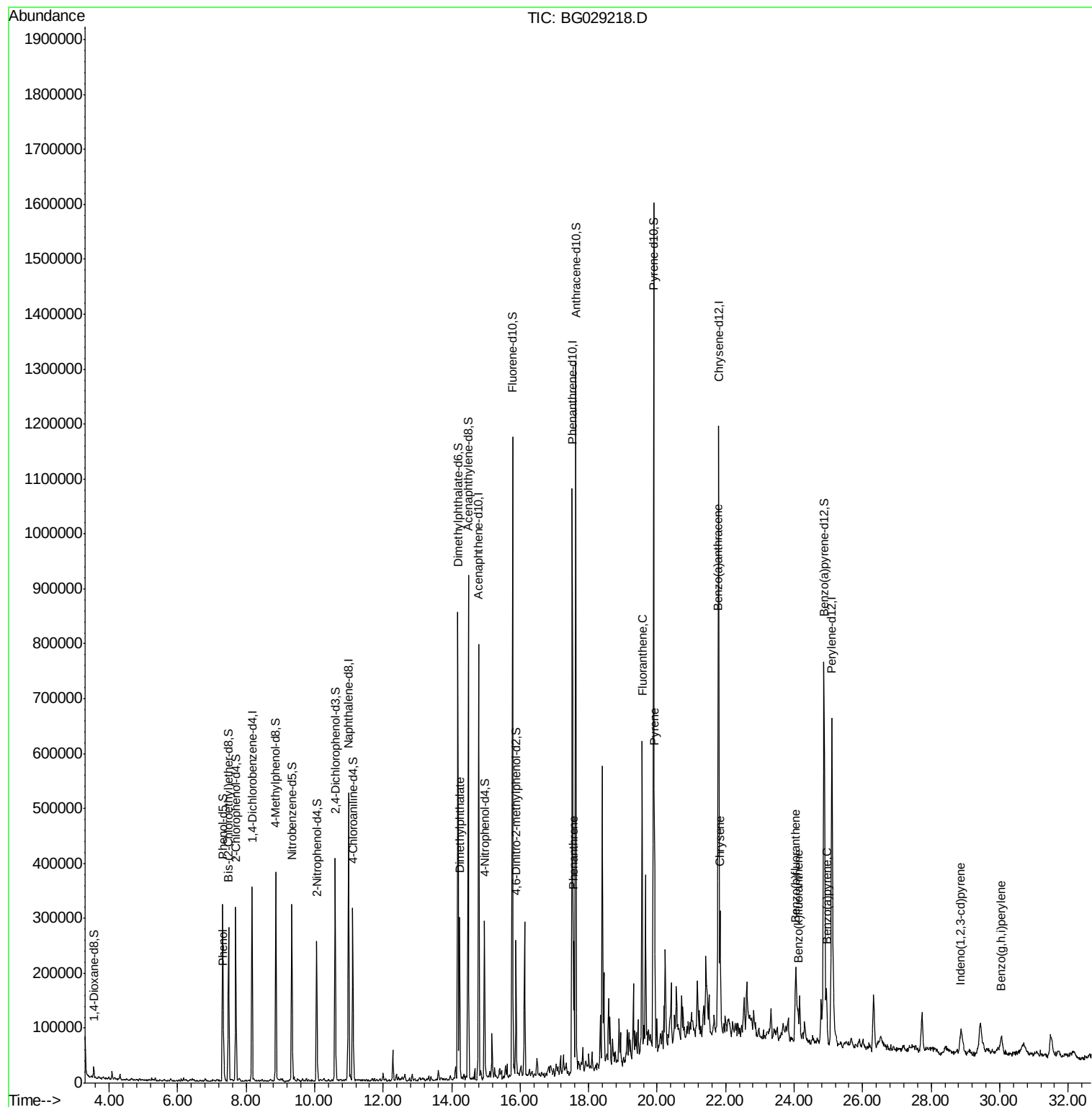
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029218.D
Acq On : 14 Oct 2017 8:49
Operator : SJ/JU
Sample : I5574-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

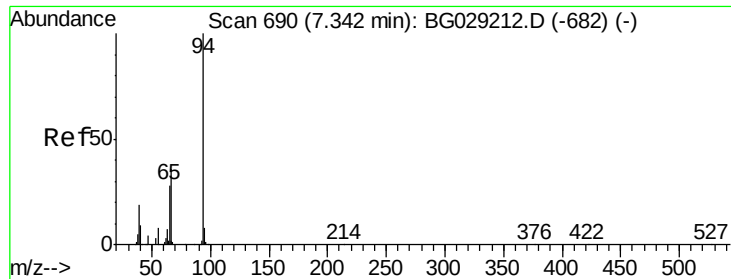
Instrument :
BNA_G
ClientSampleId :
B0C04

Manual Integrations
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10/15/2017 12:32:28 PM

Quant Time: Oct 15 00:08:45 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: 3.87 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

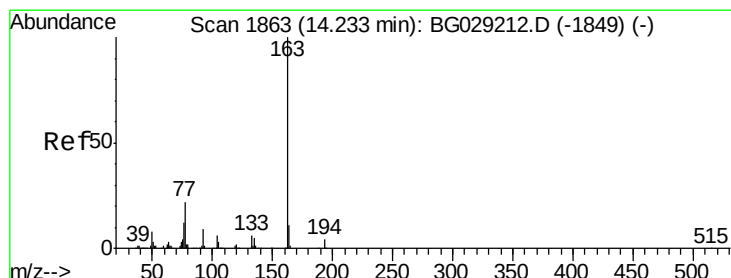
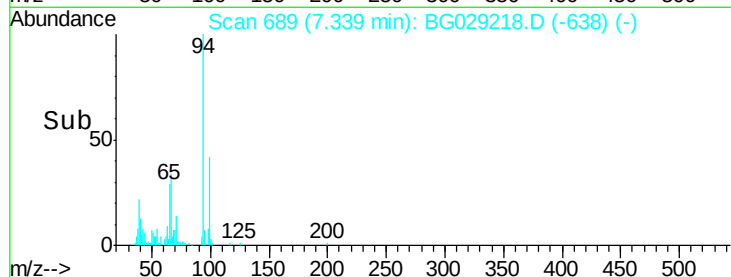
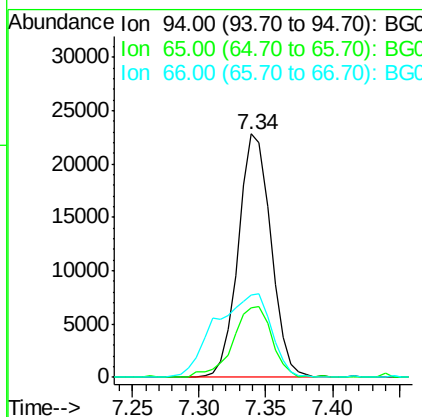
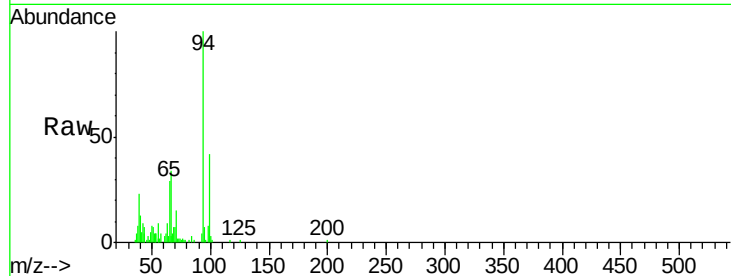
ClientSampleId :

B0C04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	27.1	40.7
66	33.7	34.6	52.0#

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#44

Dimethylphthalate

Concen: 8.34 ng/ul

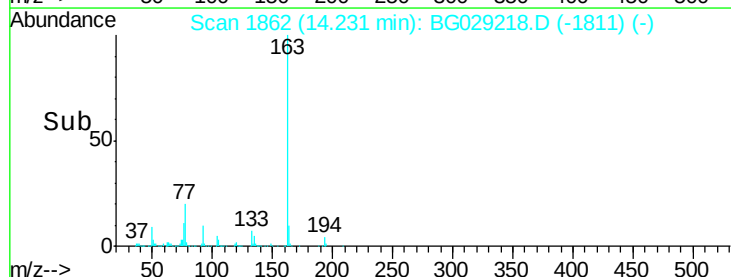
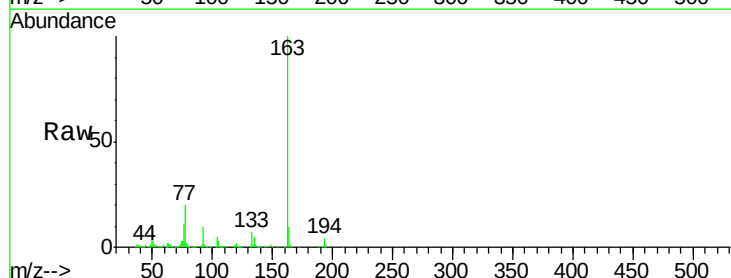
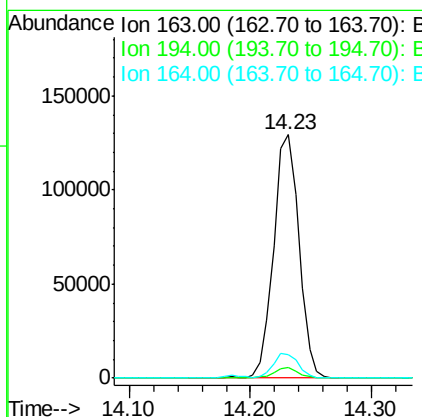
RT: 14.23 min Scan# 1862

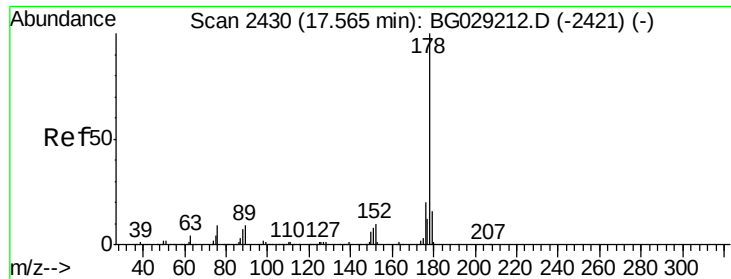
Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.7	7.6	11.4





#69

Phenanthrene

Concen: 4.57 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

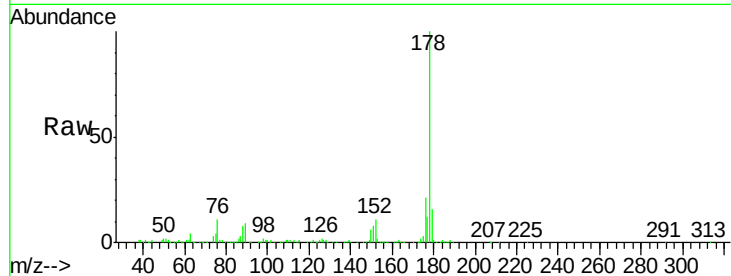
ClientSampleId :

B0C04

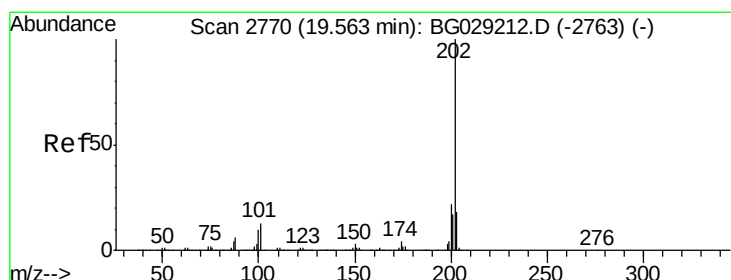
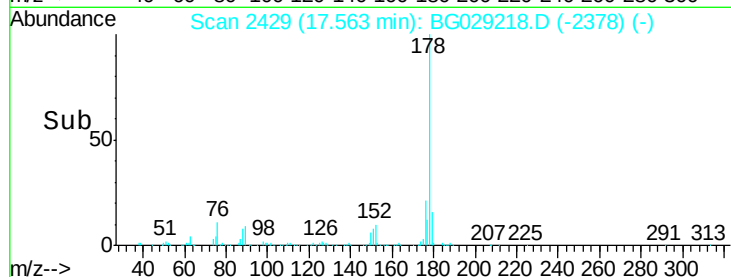
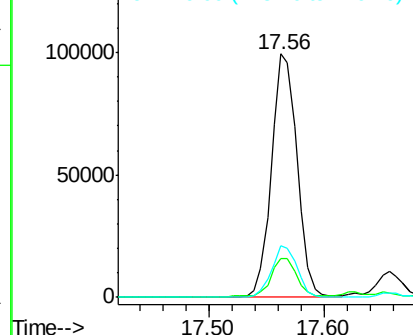
Tgt Ion:	178	Resp:	154613
Ion Ratio		Lower	Upper
178	100		
179	16.0	13.0	19.6
176	21.2	15.3	22.9

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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



#74

Fluoranthene

Concen: 6.62 ng/ul

RT: 19.56 min Scan# 2769

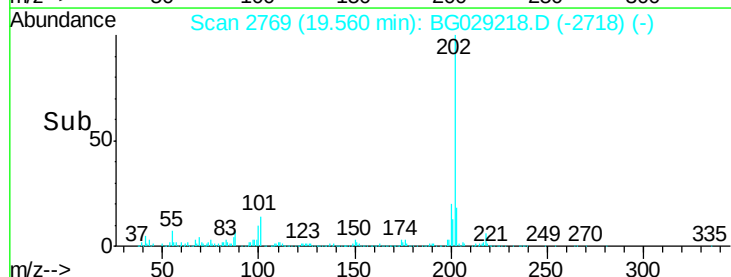
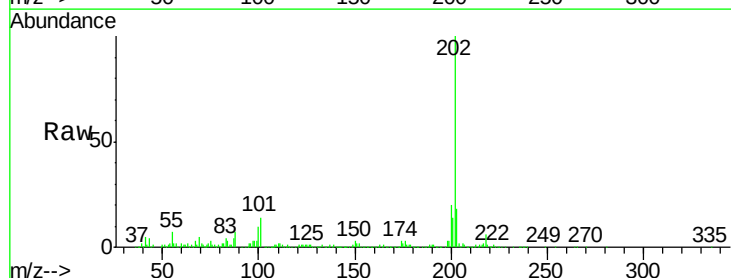
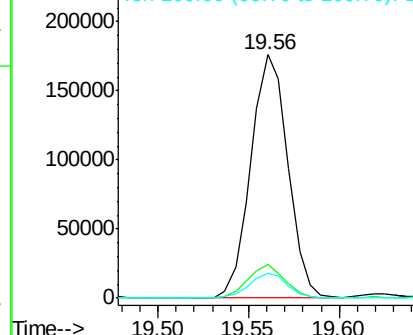
Delta R.T. -0.00 min

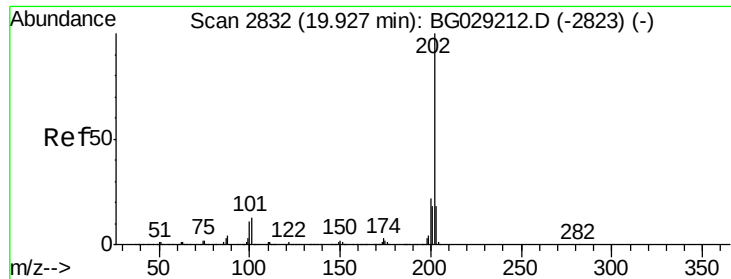
Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Tgt Ion:	202	Resp:	250734
Ion Ratio		Lower	Upper
202	100		
101	13.6	7.4	11.2#
100	10.2	5.6	8.4#

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





#77

Pyrene

Concen: 6.36 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

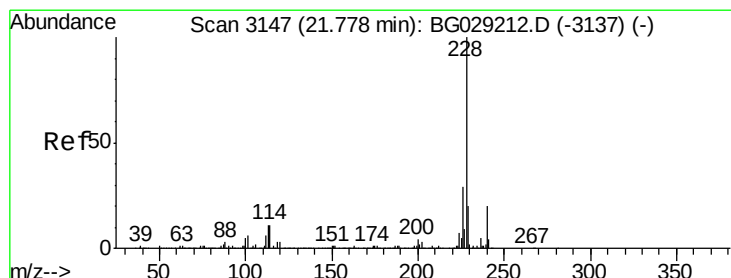
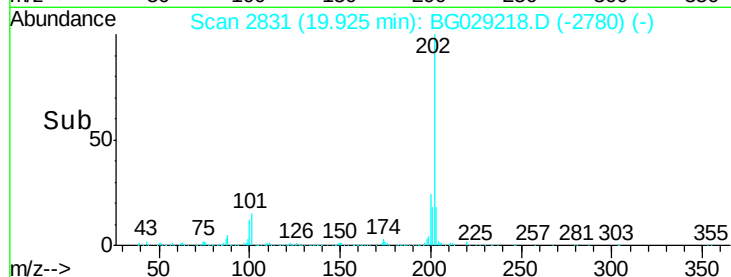
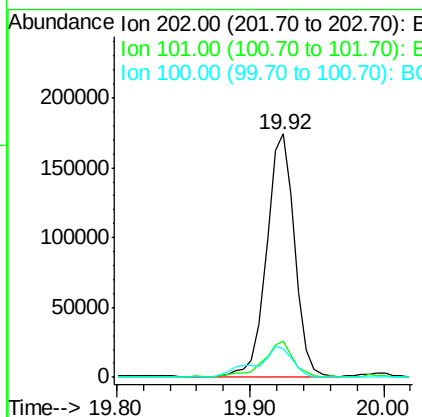
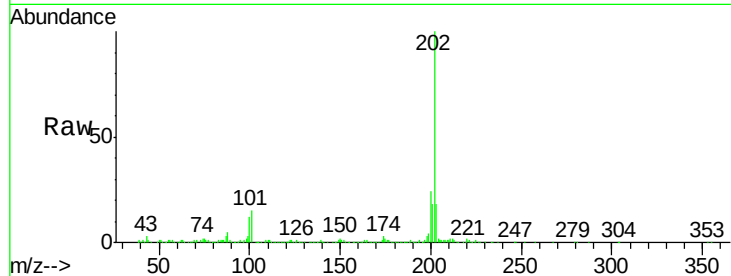
ClientSampleId :

B0C04

Tgt Ion:	202	Resp:	252889
Ion Ratio	Lower	Upper	
202	100		
101	14.8	8.4	12.6#
100	11.8	7.0	10.6#

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#80

Benzo(a)anthracene

Concen: 3.37 ng/ul

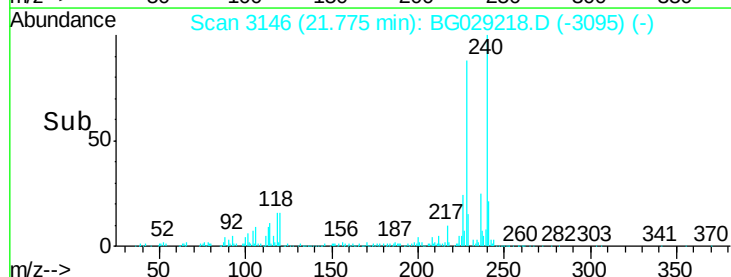
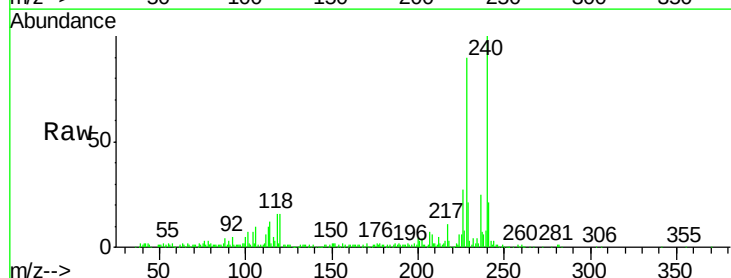
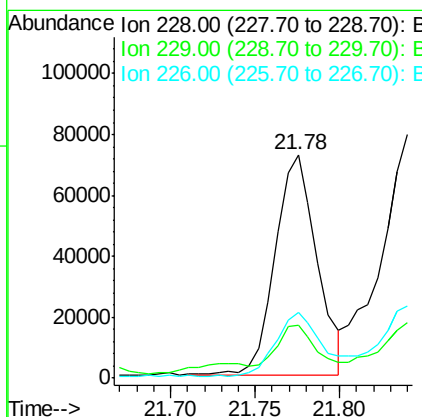
RT: 21.78 min Scan# 3146

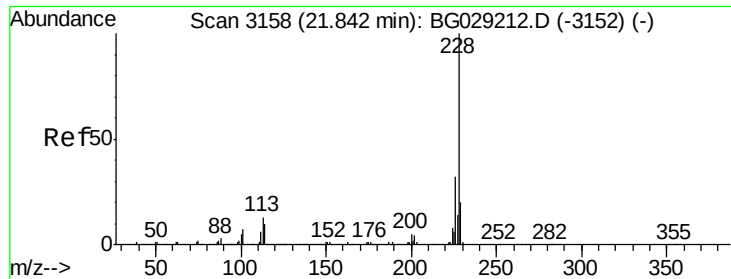
Delta R.T. -0.00 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Tgt Ion:	228	Resp:	125152
Ion Ratio	Lower	Upper	
228	100		
229	23.5	16.2	24.4
226	29.4	22.2	33.2





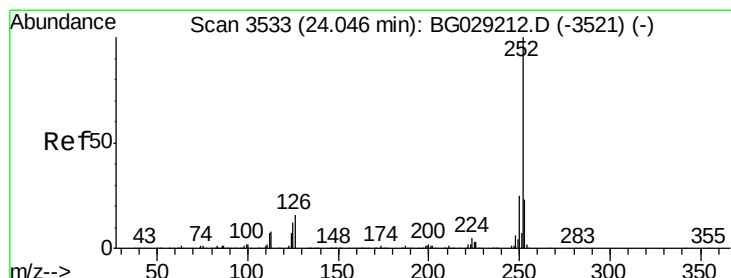
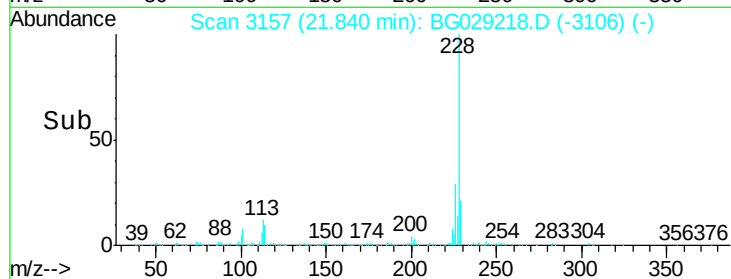
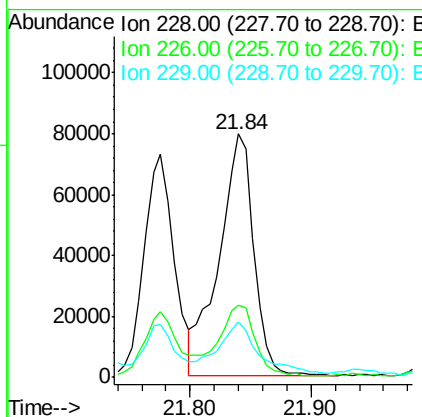
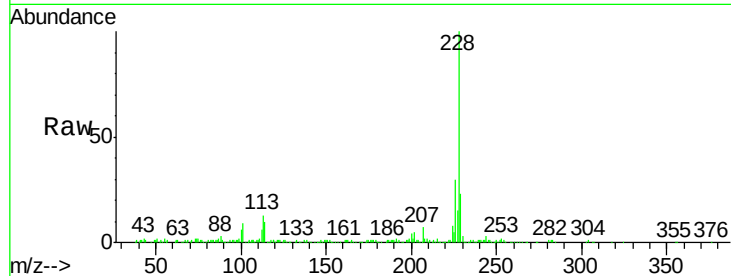
#82
Chrysene
Concen: 4.69 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Instrument :
BNA_G
ClientSampleId :
B0C04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	24.2	36.2
229	22.9	15.2	22.8#

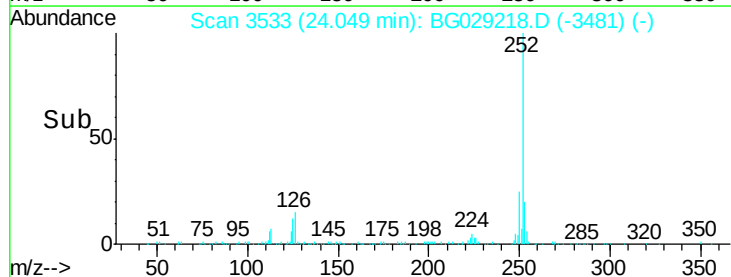
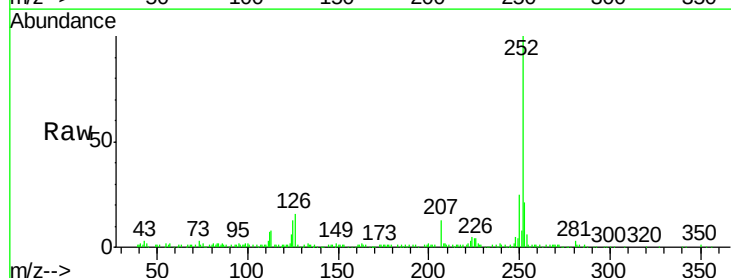
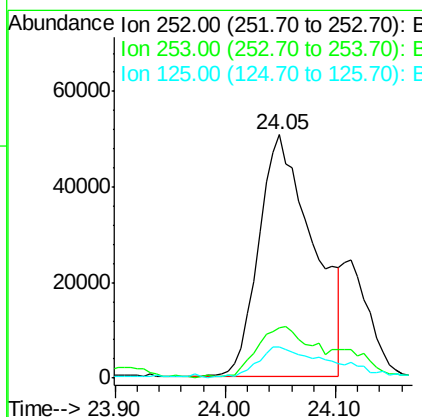
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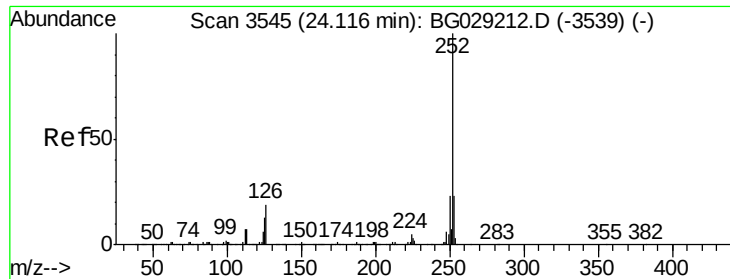
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#85
Benzo(b)fluoranthene
Concen: 4.90 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.9	17.0	25.4
125	12.7	7.5	11.3#





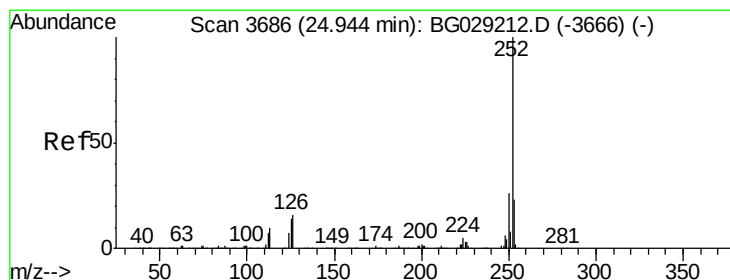
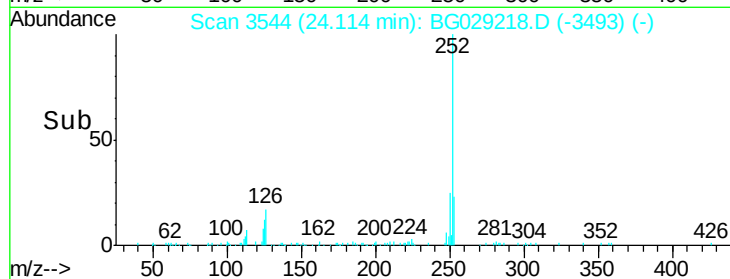
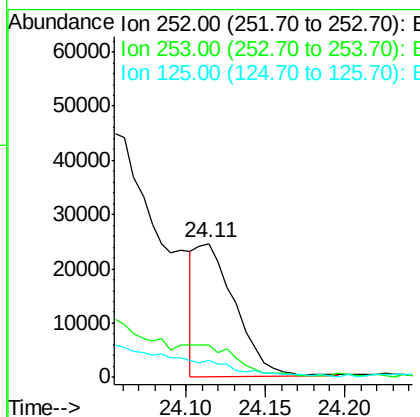
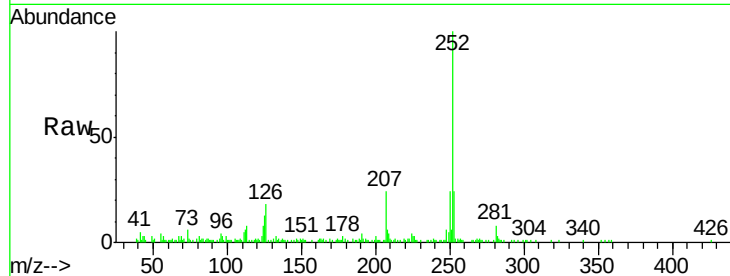
#86
Benzo(k)fluoranthene
Concen: 1.23 ng/ul m
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Instrument :
BNA_G
ClientSampled :
B0C04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	13.2	7.8	11.8#

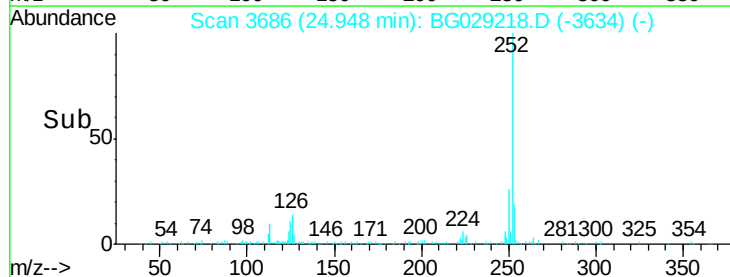
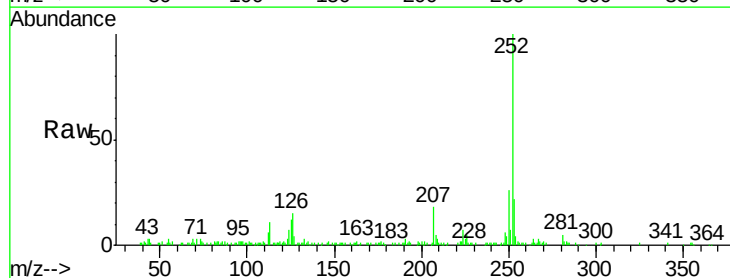
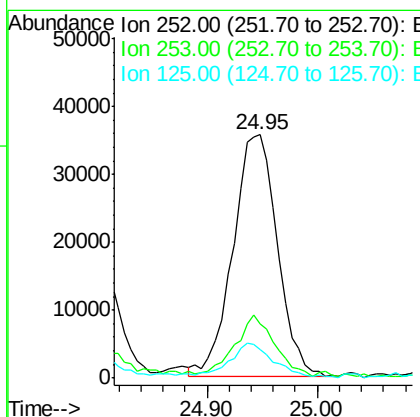
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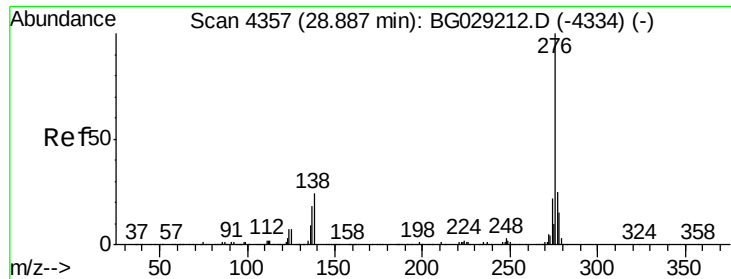
Sohil
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#88
Benzo(a)pyrene
Concen: 2.91 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029218.D
Acq: 14 Oct 2017 8:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.9	7.8	11.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.72 ng/ul

RT: 28.87 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Instrument :

BNA_G

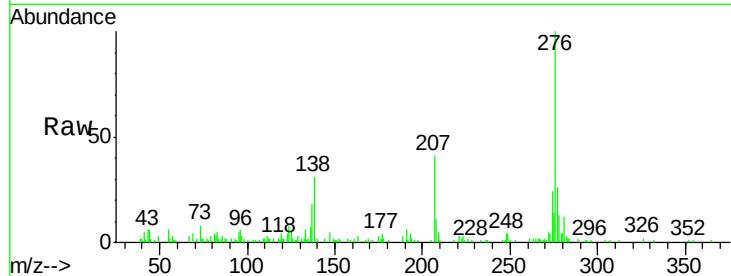
ClientSampled :

B0C04

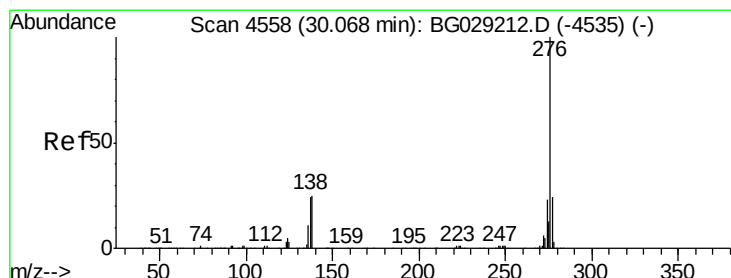
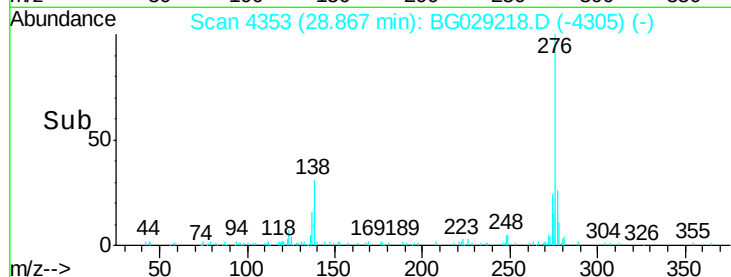
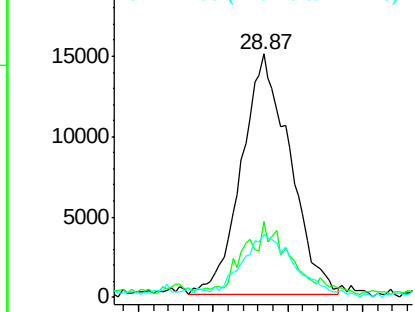
Tgt Ion:	276	Resp:	67005
Ion Ratio		Lower	Upper
276	100		
138	31.4	13.4	20.0#
277	26.0	18.6	28.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.53 ng/ul

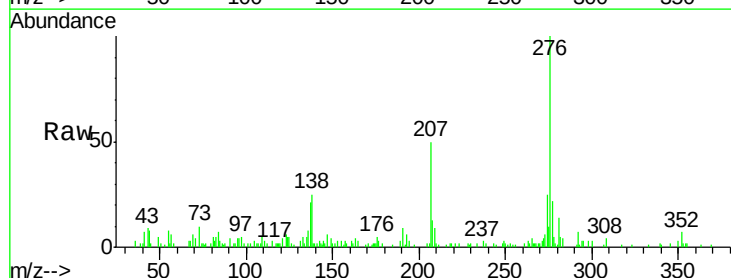
RT: 30.05 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG029218.D

Acq: 14 Oct 2017 8:49

Tgt Ion:	276	Resp:	49248
Ion Ratio		Lower	Upper
276	100		
138	25.2	12.1	18.1#
277	22.3	17.7	26.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

