

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029221.D
 Acq On : 14 Oct 2017 10:49
 Operator : SJ/JU
 Sample : I5574-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C14

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:32:33 PM

Quant Time: Oct 15 00:31:10 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	98849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	440116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	261725	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	606235	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	573484	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	567860	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	18816	7.74	ng/uL	0.00
5) Phenol-d5	7.32	99	414420	43.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	267974	45.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	308913	46.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	340308	44.41	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	164794	52.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	175263	54.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	322117	43.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	299052	34.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1048773	46.87	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1290373	47.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	186660	45.19	ng/ul	0.00
57) Fluorene-d10	15.77	176	908418	49.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	132416	44.75	ng/ul	0.00
70) Anthracene-d10	17.62	188	1361990	47.50	ng/ul	0.00
76) Pyrene-d10	19.90	212	1465765	49.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	1342255	49.91	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.34	94	83047	8.46	ng/ul	89
44) Dimethylphthalate	14.23	163	354874	16.26	ng/ul	98
69) Phenanthrene	17.57	178	71396	2.18	ng/ul	99
74) Fluoranthene	19.56	202	94921	2.59	ng/ul	97
77) Pyrene	19.92	202	81472	2.12	ng/ul#	90
80) Benzo(a)anthracene	21.77	228	44612	1.24	ng/ul	97
82) Chrysene	21.84	228	38632m	1.18	ng/ul	
85) Benzo(b)fluoranthene	24.05	252	46902	1.38	ng/ul	97

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

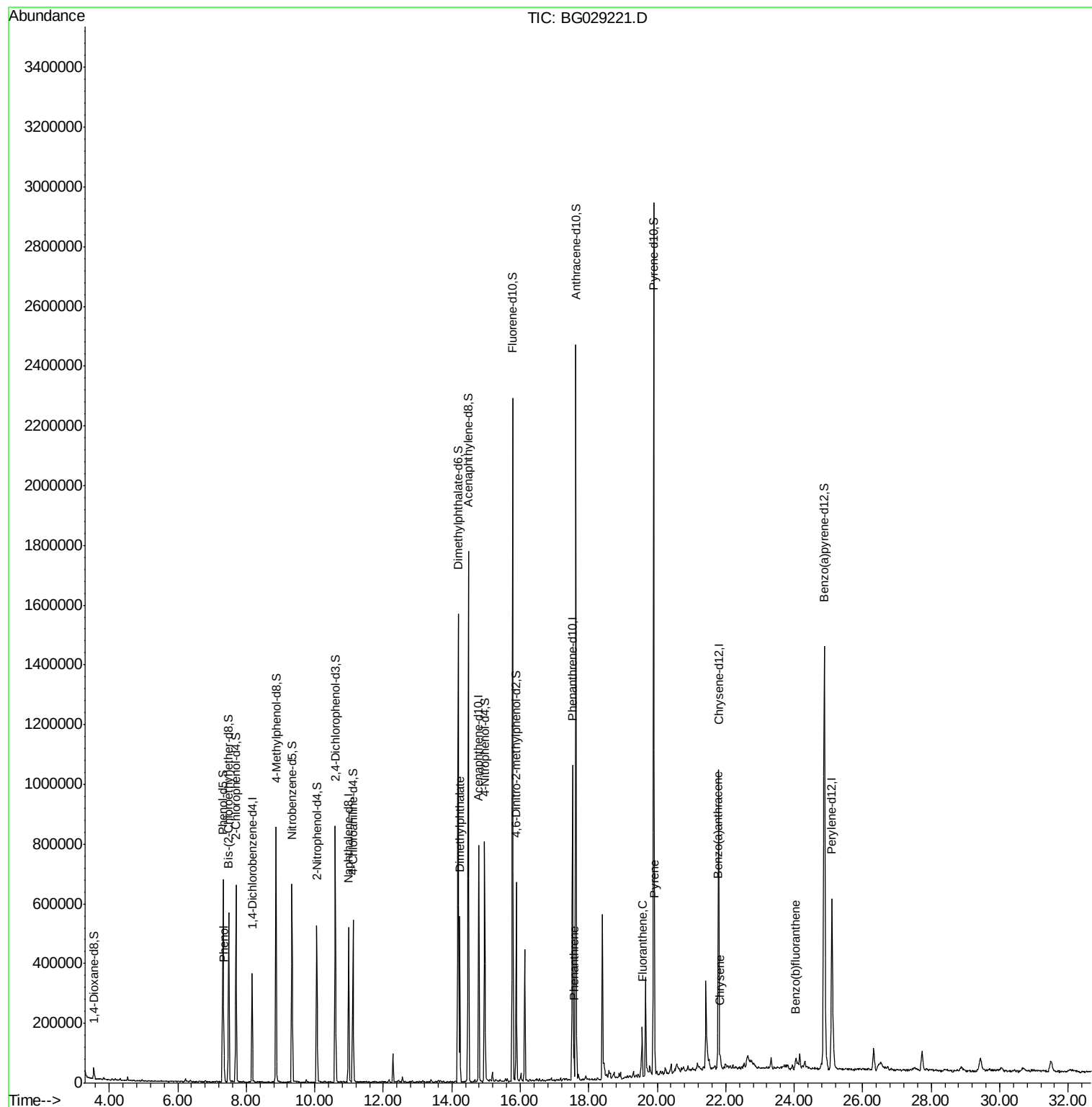
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
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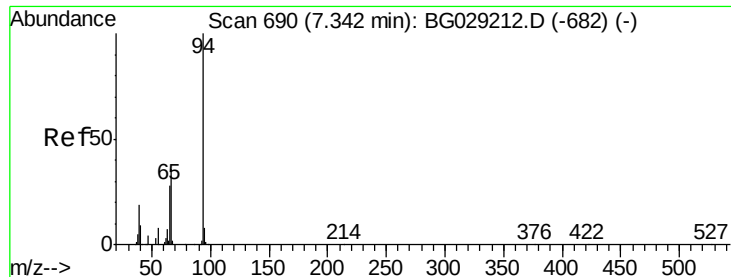
Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 8.46 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

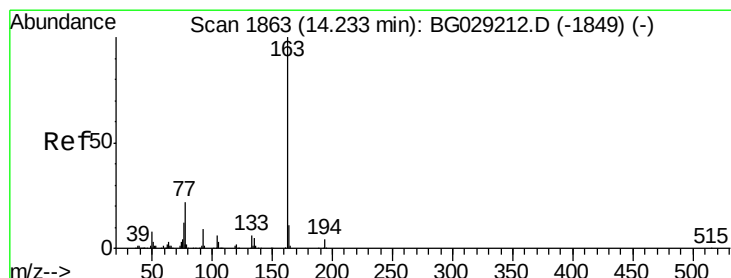
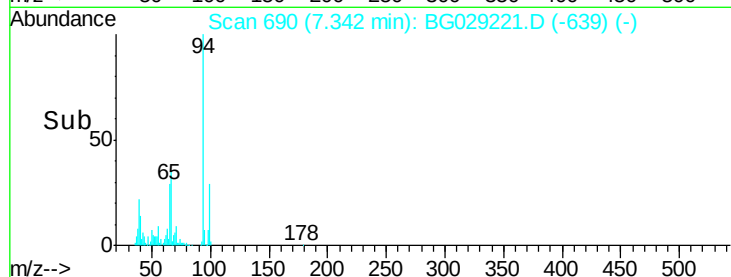
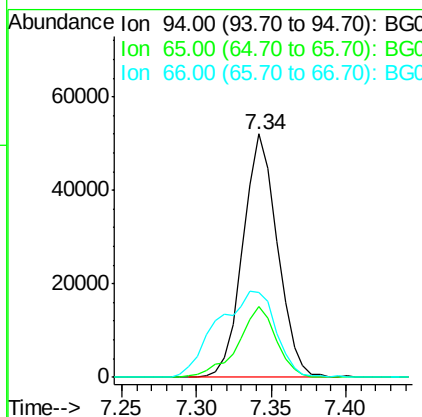
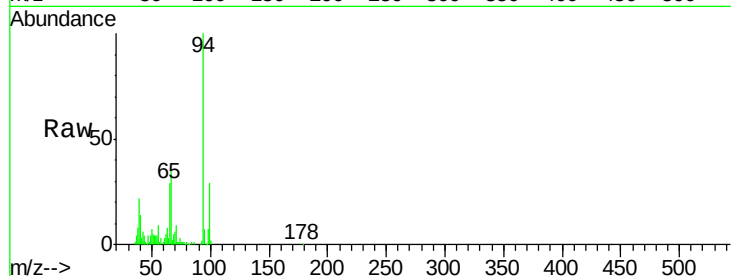
ClientSampleId :

B0C14

Tgt Ion:	94	Resp:	83047
Ion Ratio	Lower	Upper	
94	100		
65	29.1	27.1	40.7
66	34.7	34.6	52.0

Manual Integrations
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#44

Dimethylphthalate

Concen: 16.26 ng/ul

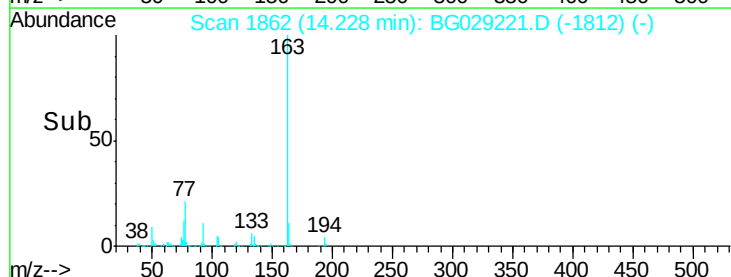
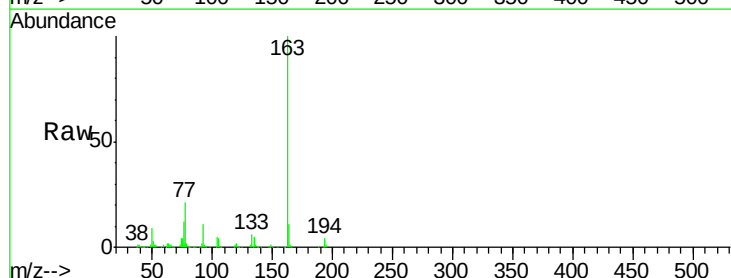
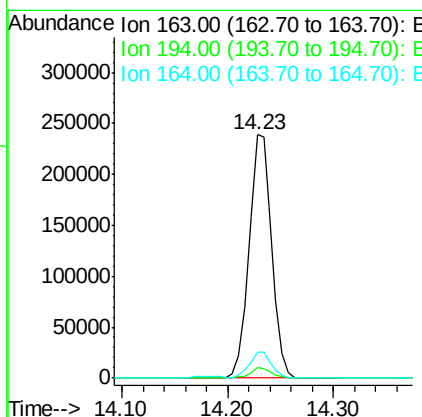
RT: 14.23 min Scan# 1862

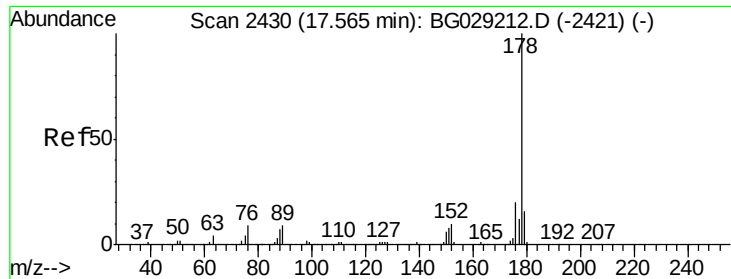
Delta R.T. -0.01 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Tgt Ion:	163	Resp:	354874
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.7	7.6	11.4





#69

Phenanthrene

Concen: 2.18 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

ClientSampleId :

B0C14

Tgt Ion:178 Resp: 71396

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

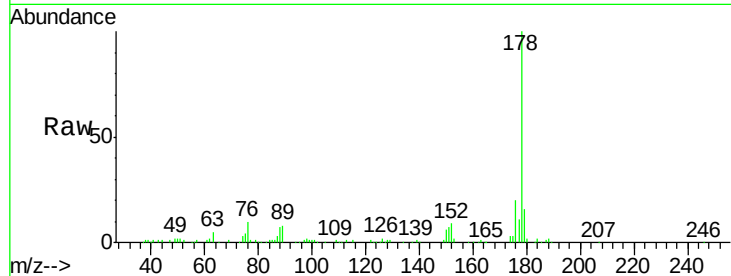
176 19.7 15.3 22.9

Manual Integrations

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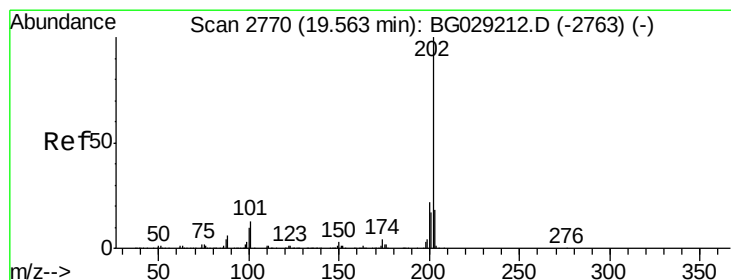
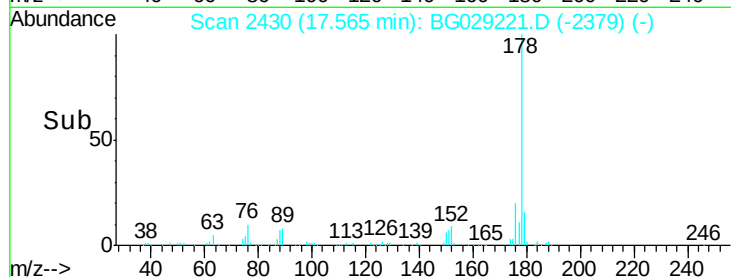
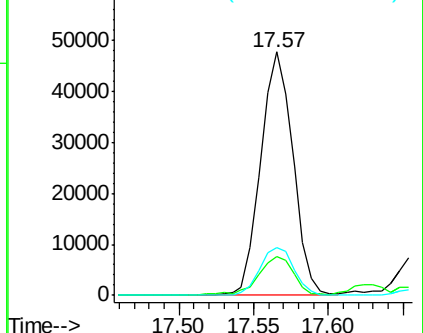
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 2.59 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

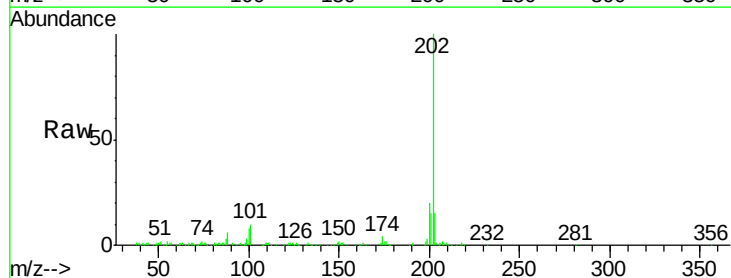
Tgt Ion:202 Resp: 94921

Ion Ratio Lower Upper

202 100

101 10.2 7.4 11.2

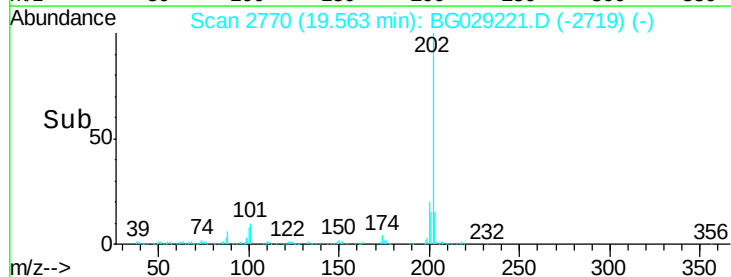
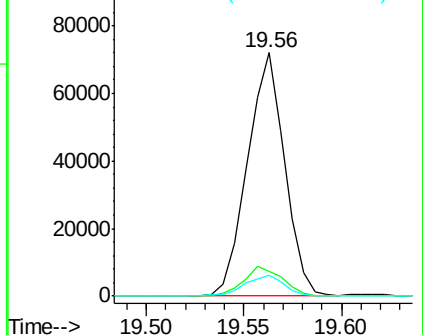
100 8.4 5.6 8.4

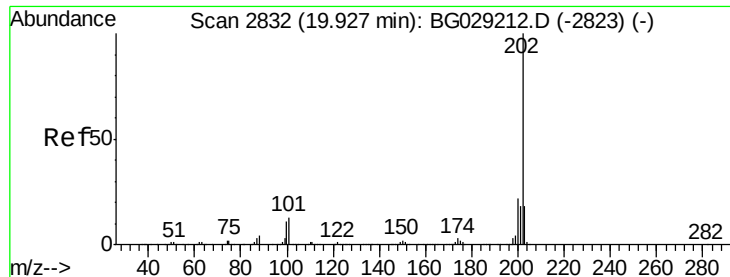


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.12 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029221.D

Acq: 14 Oct 2017 10:49

Instrument :

BNA_G

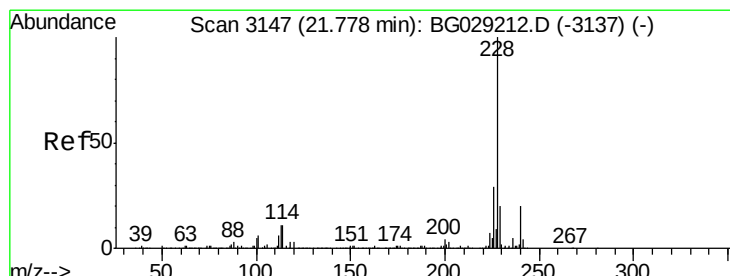
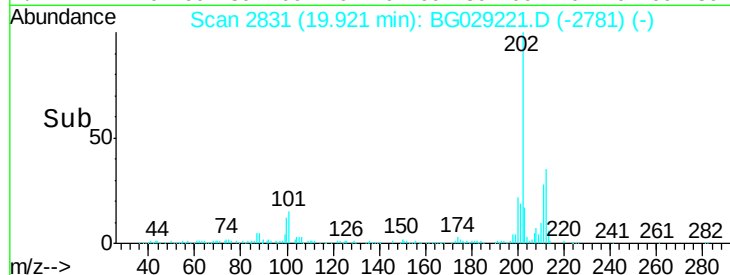
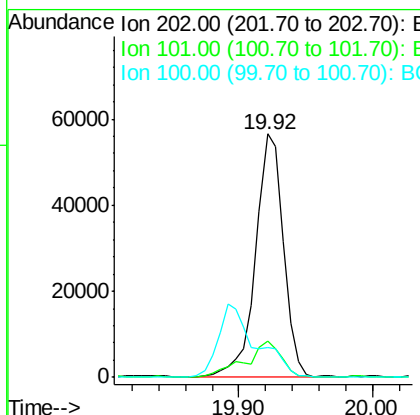
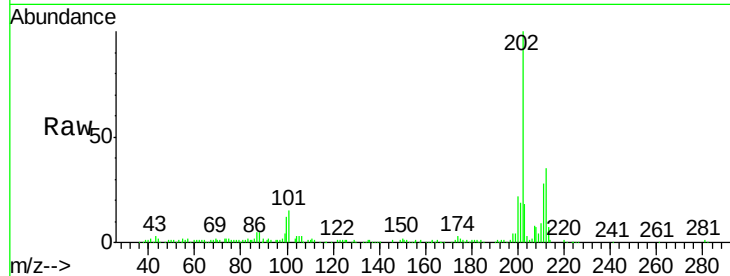
ClientSampled :

B0C14

Tgt Ion:	202	Resp:	81472
Ion Ratio	Lower	Upper	
202	100		
101	14.9	8.4	12.6#
100	12.1	7.0	10.6#

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#80

Benzo(a)anthracene

Concen: 1.24 ng/ul

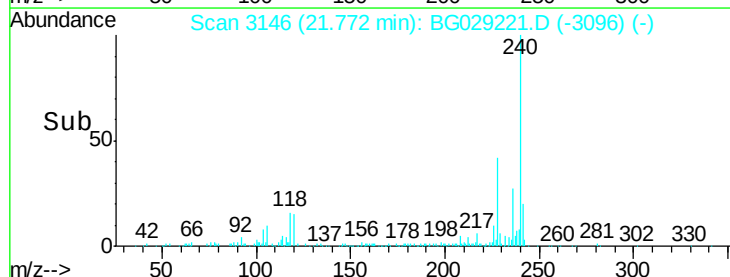
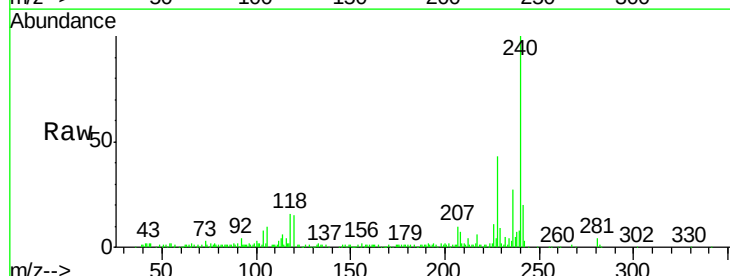
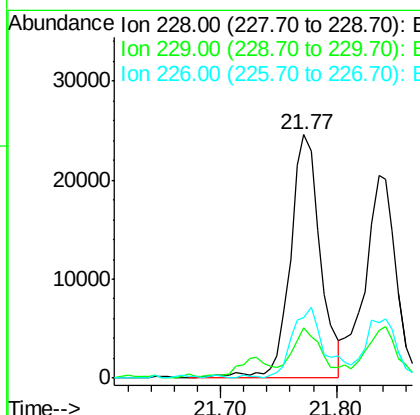
RT: 21.77 min Scan# 3146

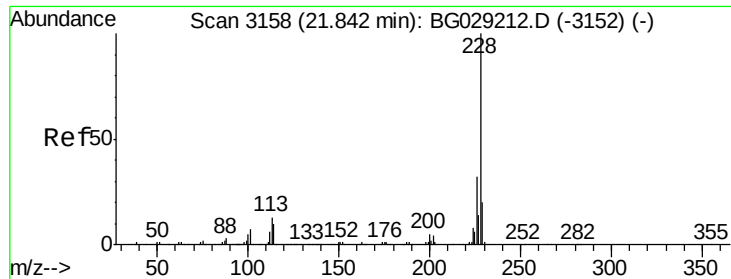
Delta R.T. -0.01 min

Lab File: BG029221.D

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Tgt Ion:	228	Resp:	44612
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.2	24.4
226	24.9	22.2	33.2





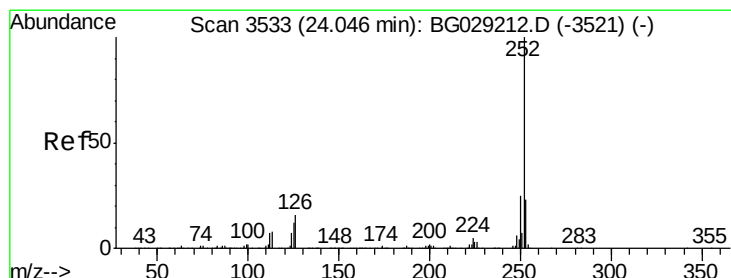
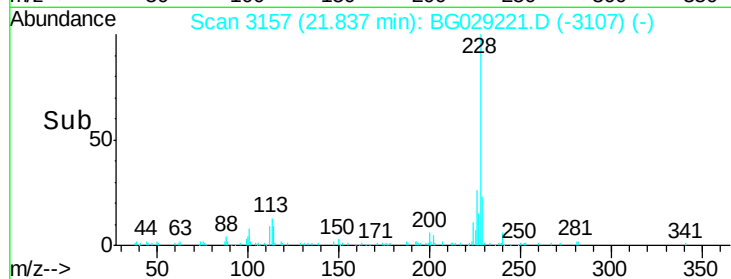
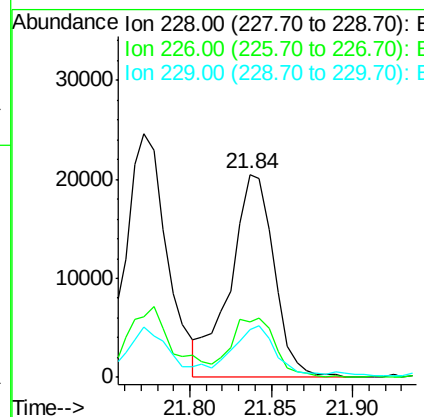
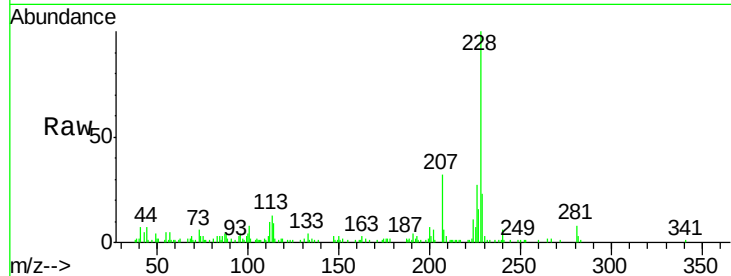
#82
Chrysene
Concen: 1.18 ng/ul m
RT: 21.84 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG029221.D
Acq: 14 Oct 2017 10:49

Instrument :
BNA_G
ClientSampleId :
B0C14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	38632		
226	27.4	24.2	36.2	
229	23.3	15.2	22.8#	

Manual Integrations
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#85
Benzo(b)fluoranthene
Concen: 1.38 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG029221.D
Acq: 14 Oct 2017 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	46902		
253	19.4	17.0	25.4	
125	8.4	7.5	11.3	

