

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029225.D
 Acq On : 14 Oct 2017 13:28
 Operator : SJ/JU
 Sample : I5574-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C28

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:32:38 PM

Quant Time: Oct 15 00:44:56 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	79725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	350633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	215622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	515170	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	493239	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	480778	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8901m	4.54	ng/uL	0.00
5) Phenol-d5	7.32	99	182892	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	116129	24.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	133559	24.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	147759	23.91	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	70016	27.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	73000	28.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	138706	23.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	196089	28.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	490606	26.61	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	586963	26.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	81145	23.84	ng/ul	0.00
57) Fluorene-d10	15.77	176	424249	28.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	56989	22.66	ng/ul	0.00
70) Anthracene-d10	17.62	188	669420	27.48	ng/ul	0.00
76) Pyrene-d10	19.89	212	691778	27.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	605190	26.58	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.34	94	36175	4.57	ng/ul	93
44) Dimethylphthalate	14.23	163	174711	9.72	ng/ul	99
69) Phenanthrene	17.56	178	122452	4.40	ng/ul	98
74) Fluoranthene	19.56	202	91714	2.95	ng/ul#	92
77) Pyrene	19.92	202	153400	4.64	ng/ul#	88
80) Benzo(a)anthracene	21.78	228	52369	1.69	ng/ul	97
82) Chrysene	21.84	228	68533	2.44	ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	46009	1.59	ng/ul#	96
88) Benzo(a)pyrene	24.94	252	39843	1.42	ng/ul#	84

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

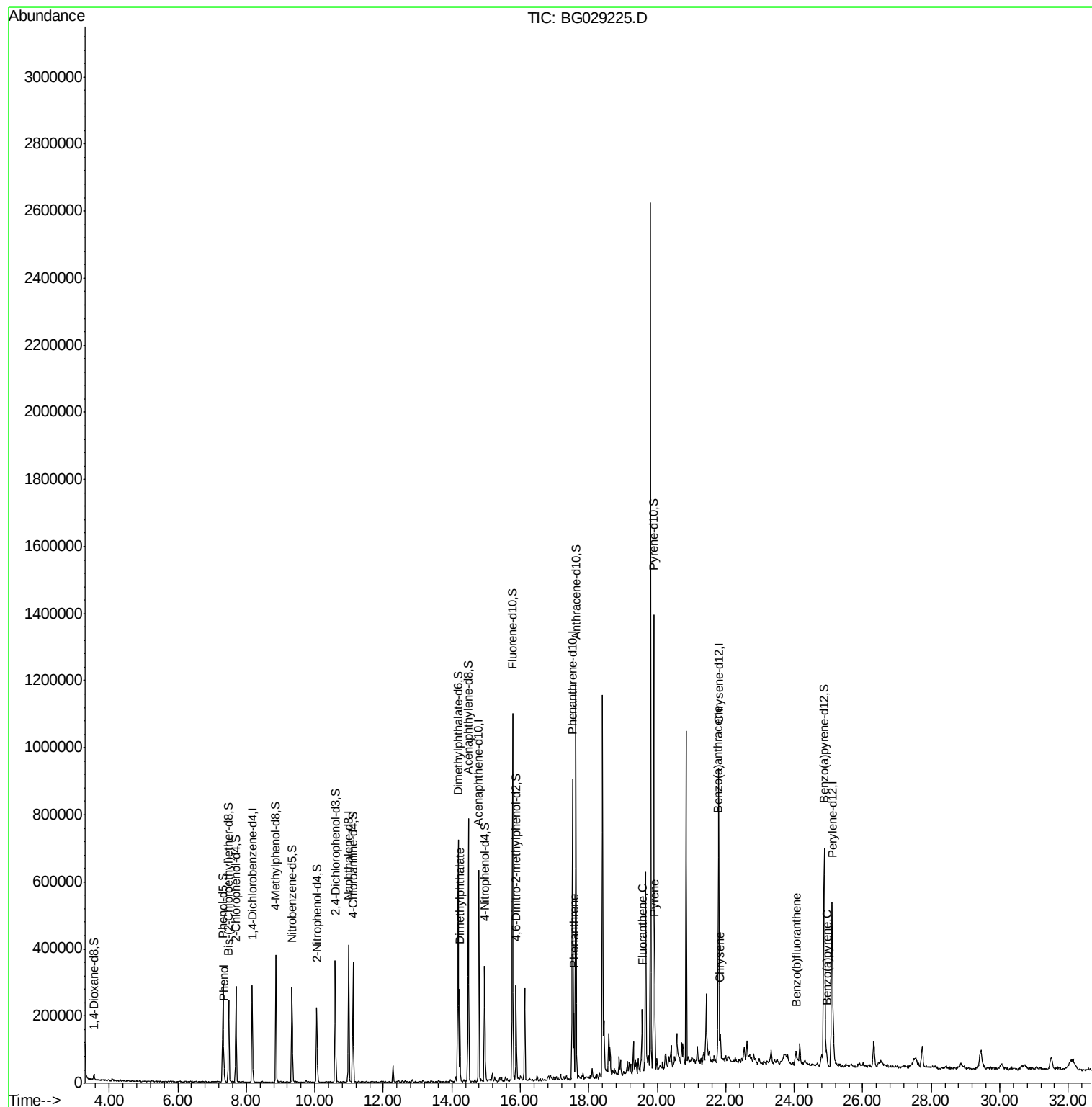
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029225.D
Acq On : 14 Oct 2017 13:28
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ALS Vial : 35 Sample Multiplier: 1

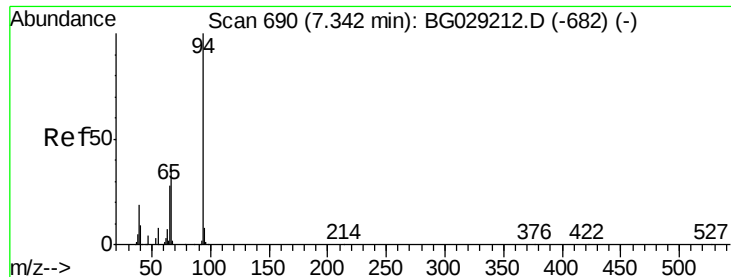
Instrument :
BNA_G
ClientSampleId :
B0C28

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Quant Time: Oct 15 00:44:56 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: 4.57 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

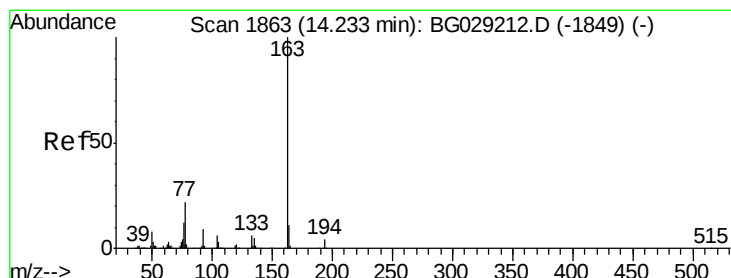
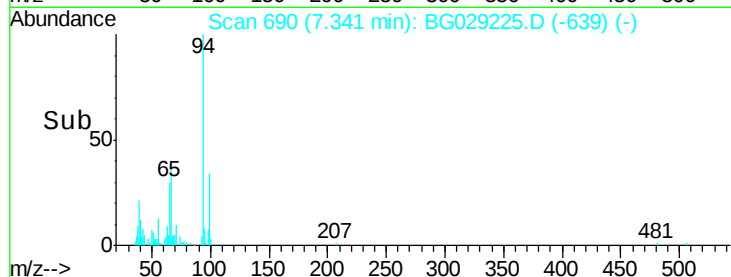
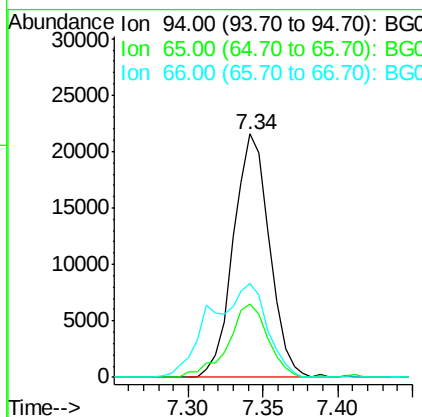
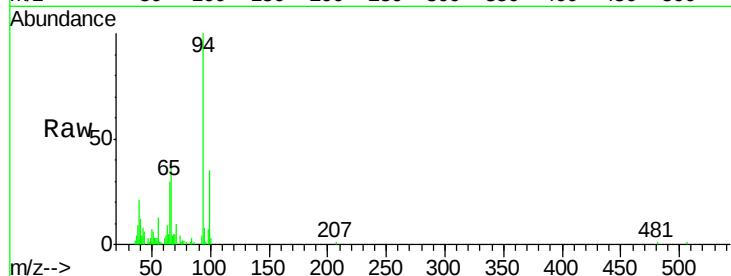
ClientSampleId :

B0C28

Tgt Ion:	94	Resp:	36175
Ion Ratio	Lower	Upper	
94	100		
65	30.3	27.1	40.7
66	38.4	34.6	52.0

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#44

Dimethylphthalate

Concen: 9.72 ng/ul

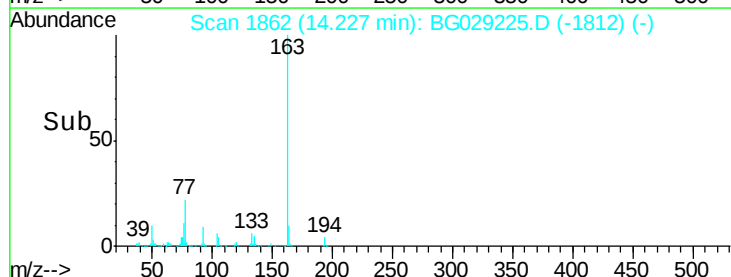
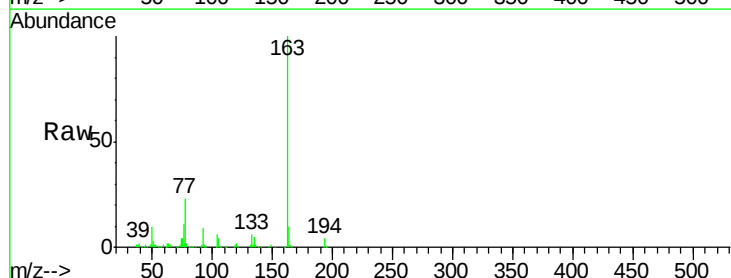
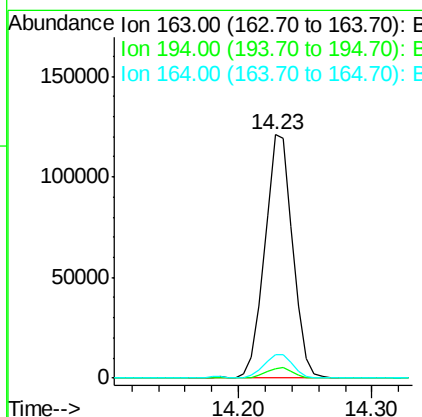
RT: 14.23 min Scan# 1862

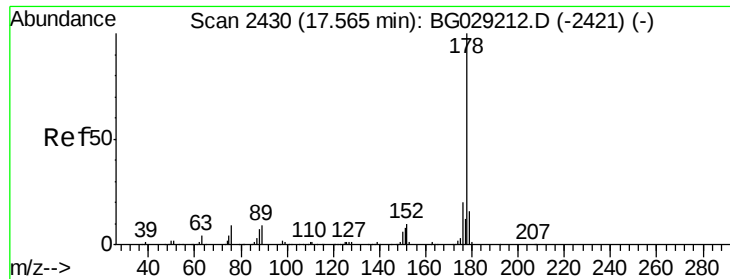
Delta R.T. -0.01 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Tgt Ion:	163	Resp:	174711
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	9.5	7.6	11.4





#69

Phenanthrene

Concen: 4.40 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

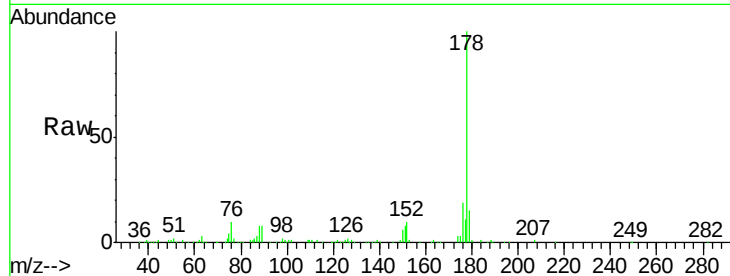
ClientSampled :

B0C28

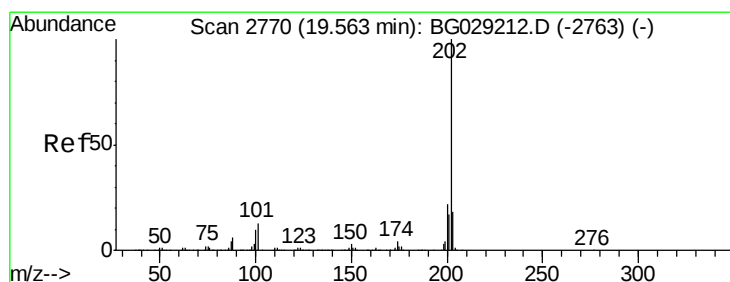
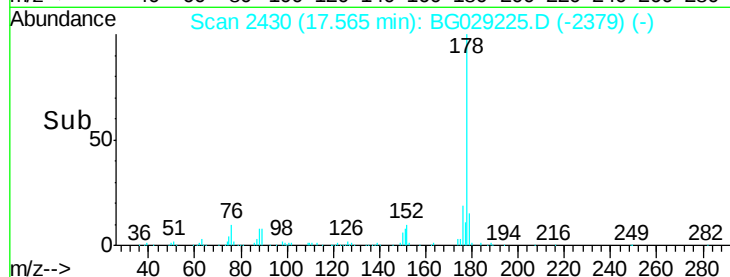
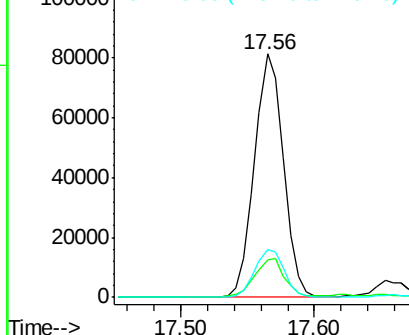
Tgt Ion:	178	Resp:	122452
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.0	19.6
176	19.4	15.3	22.9

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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: 2.95 ng/ul

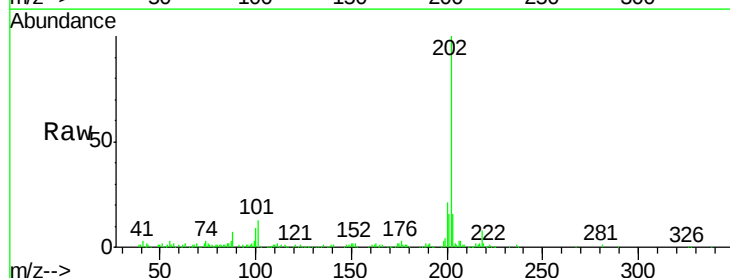
RT: 19.56 min Scan# 2770

Delta R.T. -0.00 min

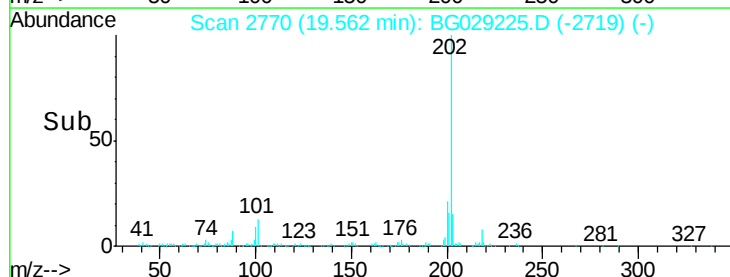
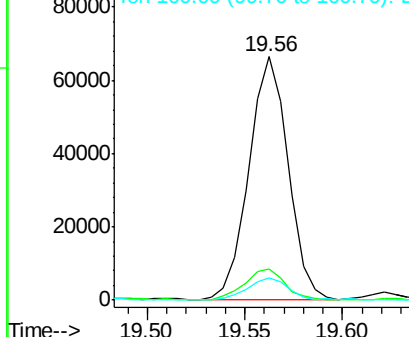
Lab File: BG029225.D

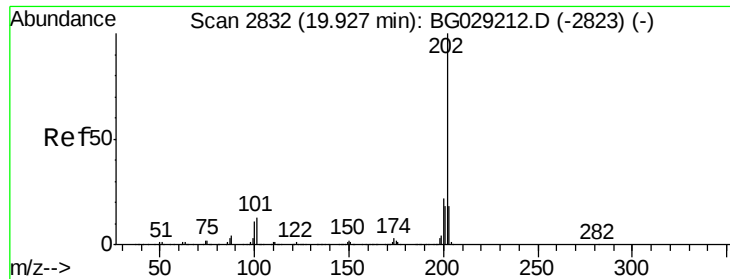
Acq: 14 Oct 2017 13:28

Tgt Ion:	202	Resp:	91714
Ion Ratio	Lower	Upper	
202	100		
101	13.0	7.4	11.2#
100	8.9	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





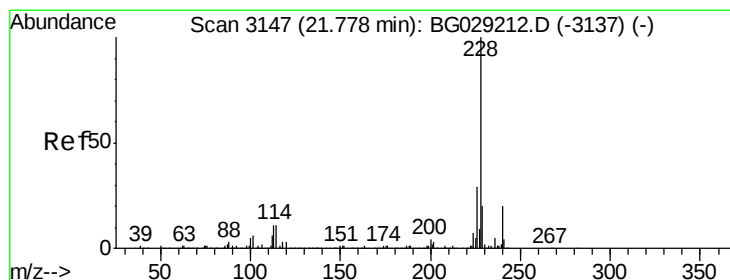
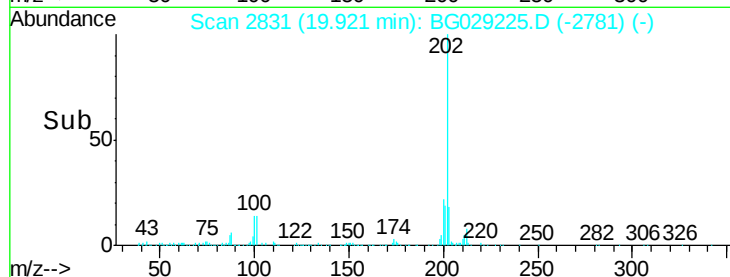
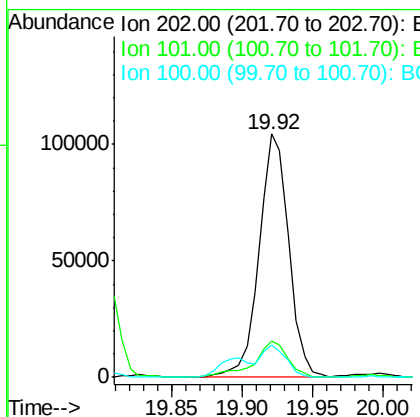
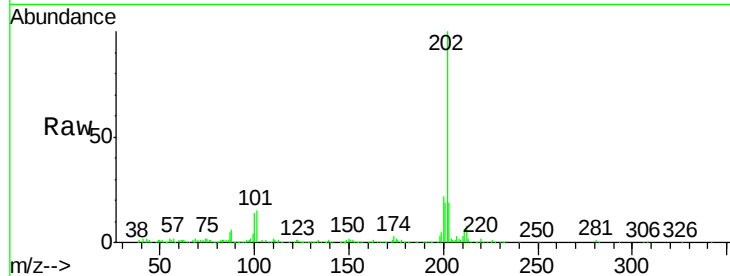
#77
 Pyrene
 Concen: 4.64 ng/ul
 RT: 19.92 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BG029225.D
 Acq: 14 Oct 2017 13:28

Instrument :
 BNA_G
 ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	8.4	12.6#
100	13.5	7.0	10.6#

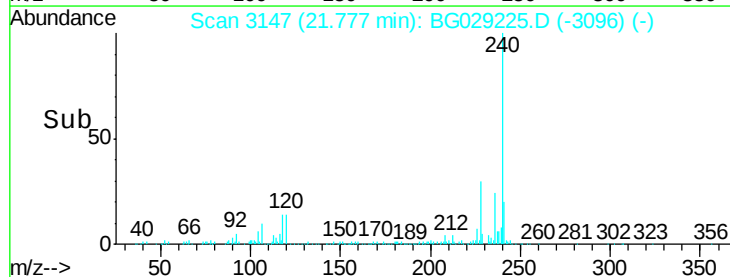
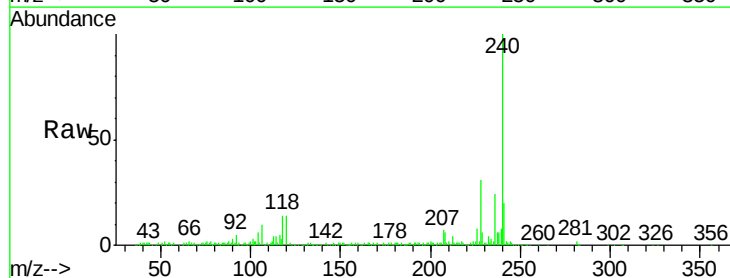
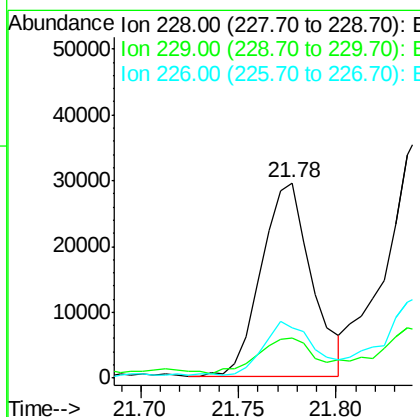
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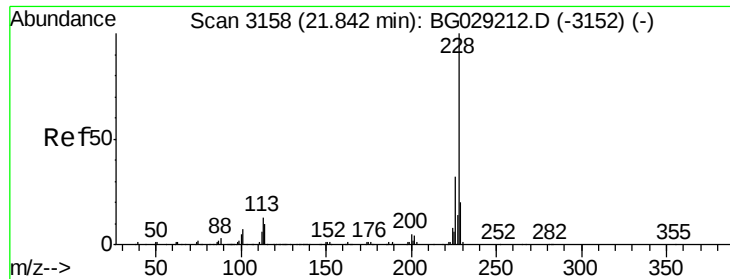
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#80
 Benzo(a)anthracene
 Concen: 1.69 ng/ul
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG029225.D
 Acq: 14 Oct 2017 13:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	16.2	24.4
226	25.6	22.2	33.2





#82

Chrysene

Concen: 2.44 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

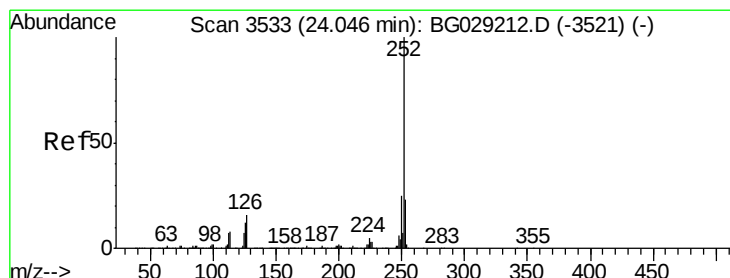
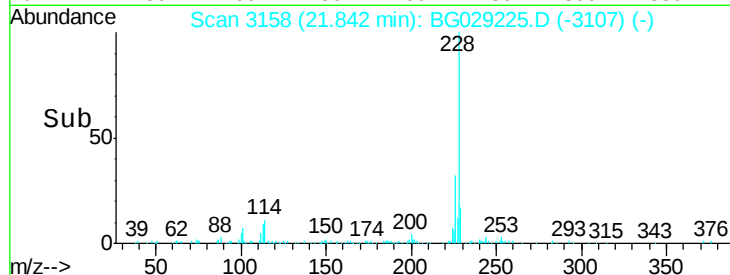
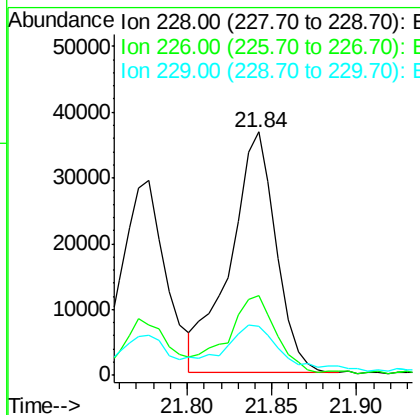
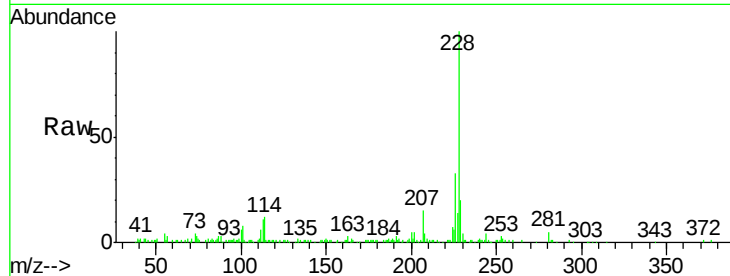
ClientSampled :

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Tgt Ion:	228	Resp:	68533
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.2	36.2
229	20.3	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 1.59 ng/ul

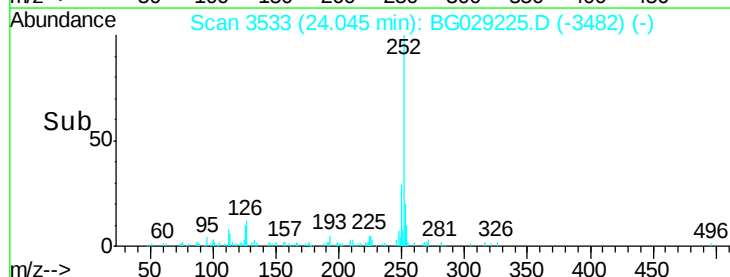
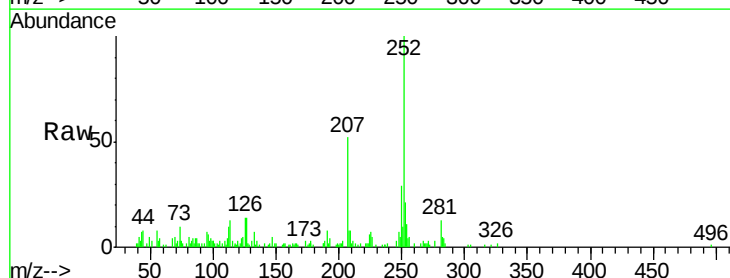
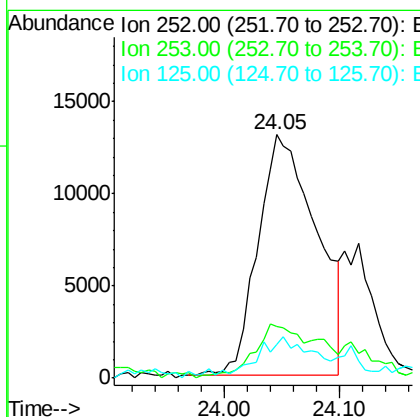
RT: 24.05 min Scan# 3533

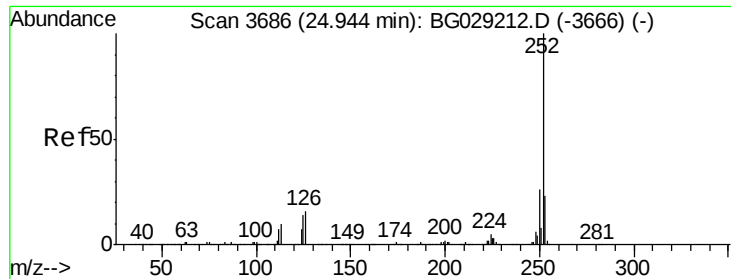
Delta R.T. -0.00 min

Lab File: BG029225.D

Acq: 14 Oct 2017 13:28

Tgt Ion:	252	Resp:	46009
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.4
125	13.7	7.5	11.3#





#88

Benzo(a)pyrene

Concen: 1.42 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG029225.D

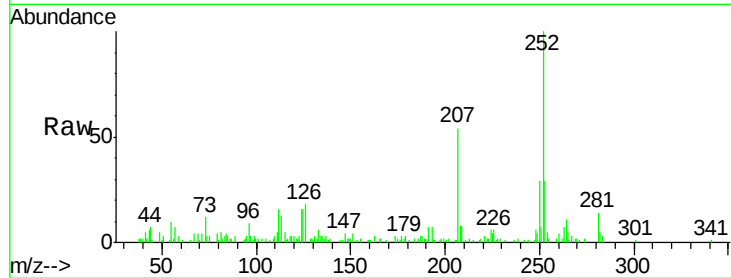
Acq: 14 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		39843		
253	29.0	17.1	25.7#		
125	15.5	7.8	11.8#		

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