

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
 Data File : BG025621.D
 Acq On : 24 Jan 2017 23:47
 Operator : UM/SJ
 Sample : I1316-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP21

Manual Integrations
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Quant Time: Jan 25 03:06:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:56:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	64841m	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	314529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	278541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	625863m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	756006	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	779493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5826	4.50	ng/uL	0.00
5) Phenol-d5	7.34	99	139267	25.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	101722	28.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	106121m	27.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	100612	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	61316	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	74540	28.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	118272	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	143193	24.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	541089	27.51	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	604759	28.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	62111m	23.04	ng/ul	0.01
57) Fluorene-d10	15.80	176	493099	26.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	98673	25.56	ng/ul	0.00
70) Anthracene-d10	17.65	188	772847	29.00	ng/ul	0.00
76) Pyrene-d10	19.93	212	932680	29.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	951046	29.03	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.36	94	20832m	3.57	ng/ul
44) Dimethylphthalate	14.25	163	134773	6.97	ng/ul
69) Phenanthrene	17.60	178	106332	3.50	ng/ul
74) Fluoranthene	19.60	202	324115	9.03	ng/ul
77) Pyrene	19.96	202	278807	7.50	ng/ul
80) Benzo(a)anthracene	21.82	228	187386	4.69	ng/ul
82) Chrysene	21.89	228	159775	4.25	ng/ul
85) Benzo(b)fluoranthene	24.16	252	205721	5.10	ng/ul#
86) Benzo(k)fluoranthene	24.21	252	61839	1.63	ng/ul#
88) Benzo(a)pyrene	25.07	252	143915	3.77	ng/ul
89) Indeno(1,2,3-cd)pyrene	29.16	276	100004m	2.07	ng/ul
91) Benzo(g,h,i)perylene	30.40	276	91839m	2.31	ng/ul

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

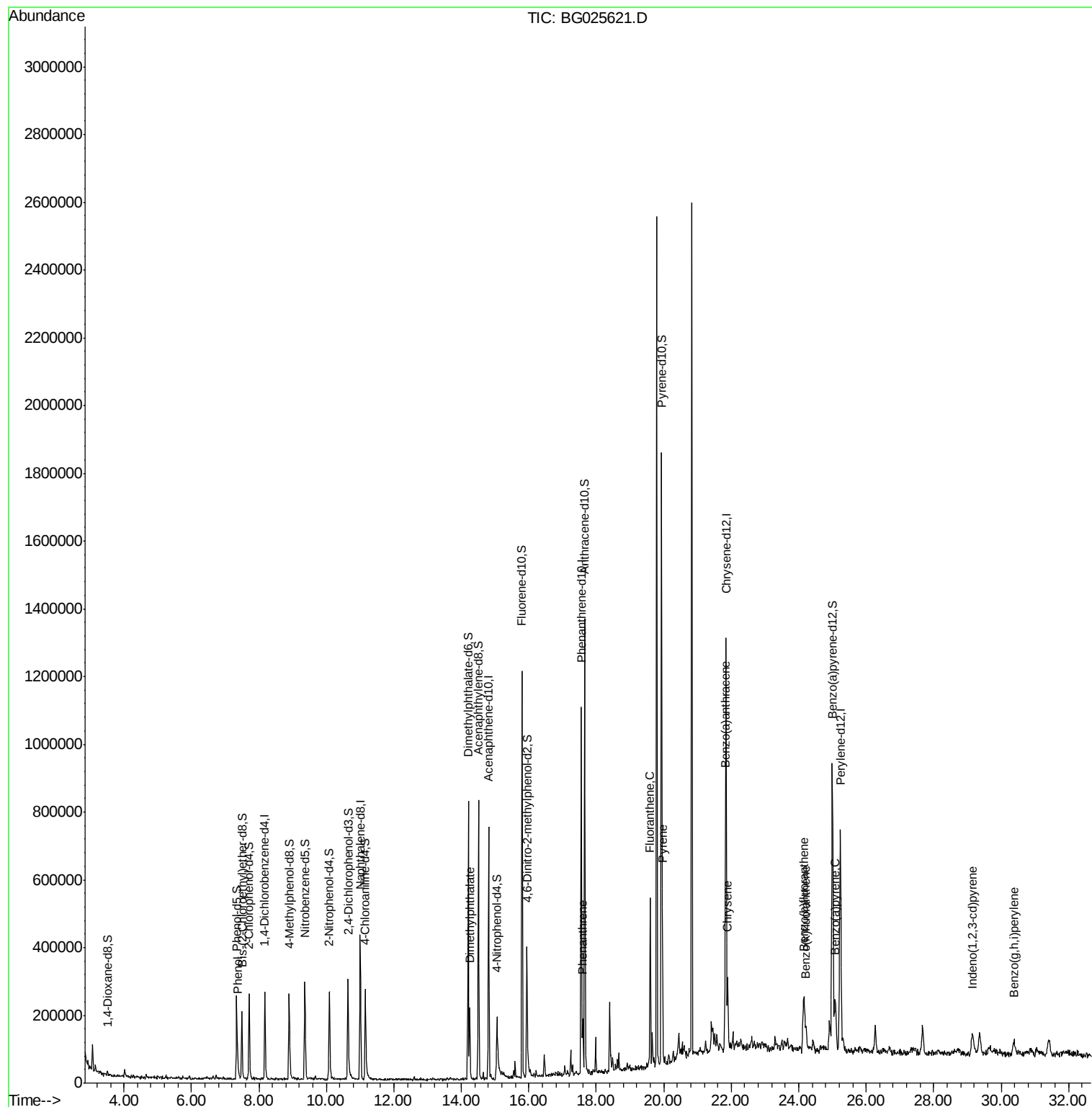
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
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Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

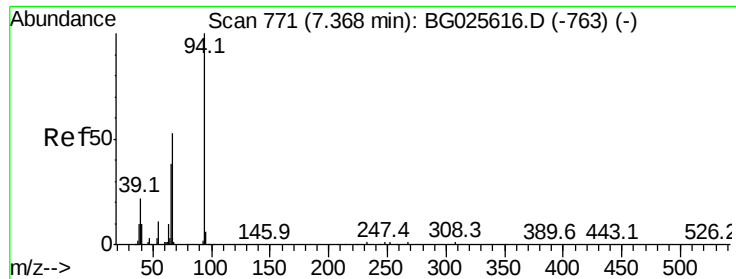
Instrument :
BNA_G
ClientSampleId :
BDP21

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Quant Time: Jan 25 03:06:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.57 ng/ul m

RT: 7.36 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

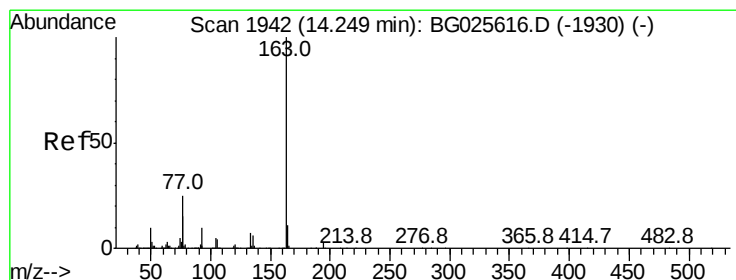
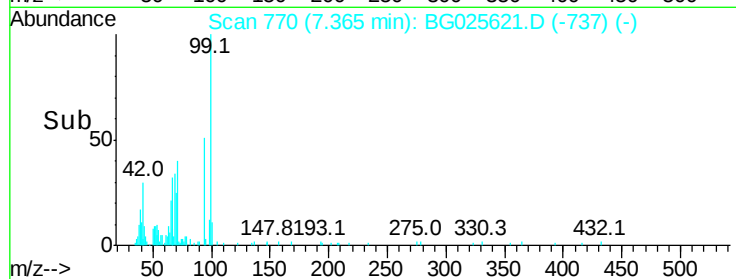
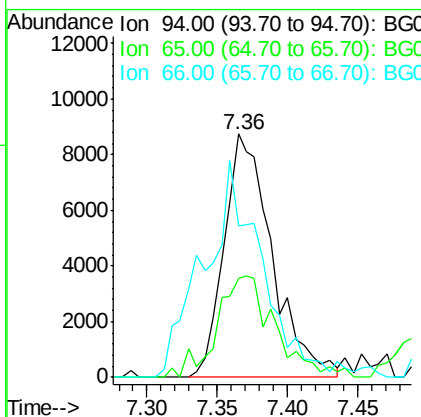
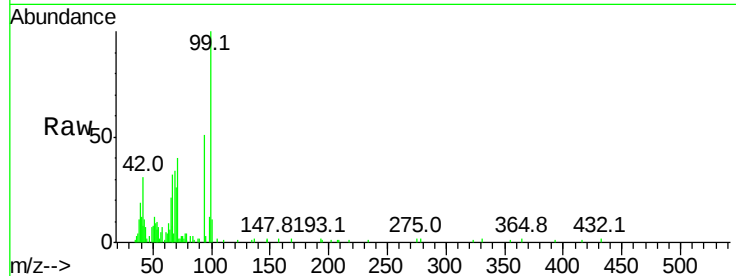
ClientSampleId :

BDP21

Tot Ion:	94	Resp:	20832
Ion Ratio	Lower	Upper	
94	100		
65	40.8	26.8	40.2#
66	62.3	44.4	66.6

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#44

Dimethylphthalate

Concen: 6.97 ng/ul

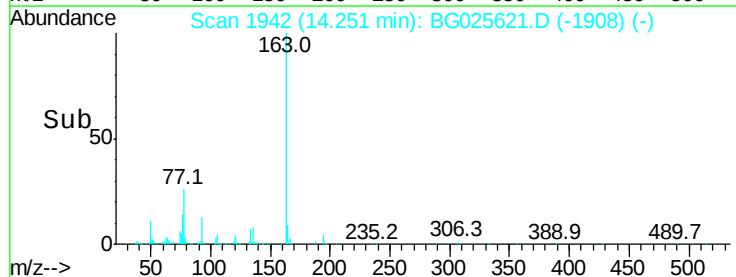
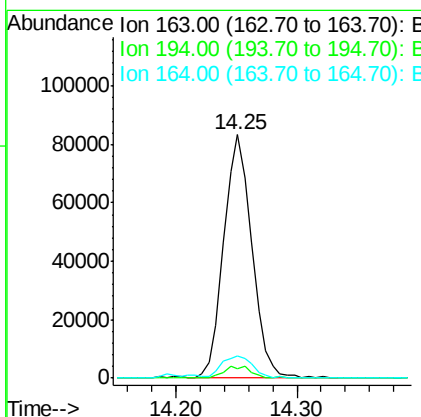
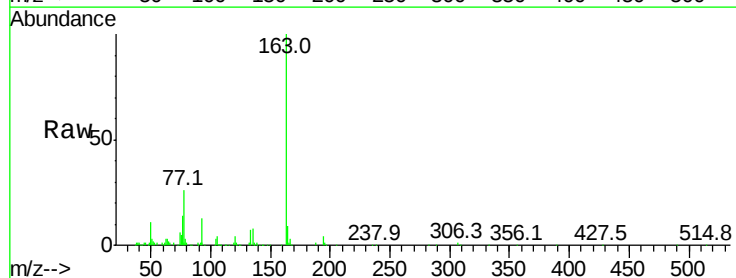
RT: 14.25 min Scan# 1942

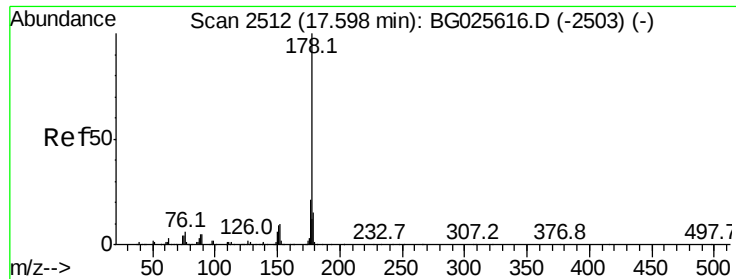
Delta R.T. 0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Tgt Ion:	163	Resp:	134773
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	9.1	9.0	13.4





#69

Phenanthrene

Concen: 3.50 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

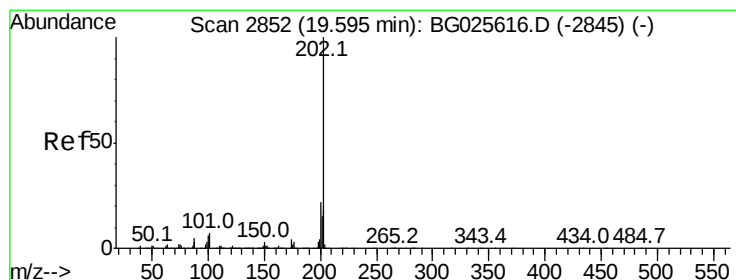
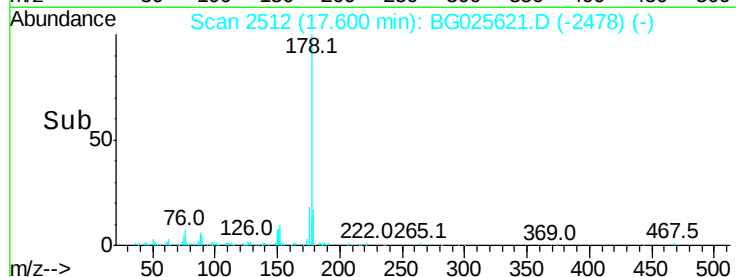
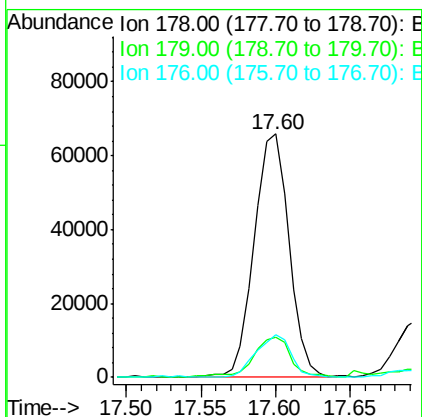
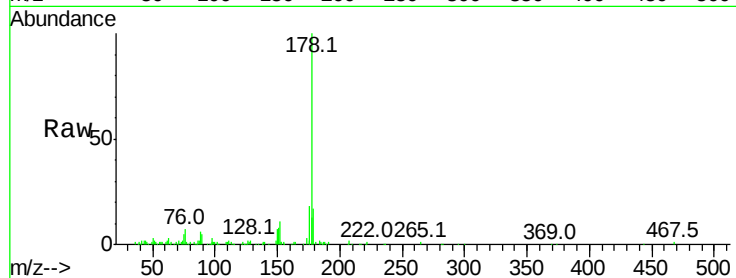
ClientSampleId :

BDP21

Tot Ion:	178	Resp:	106332
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.4	18.6
176	17.7	16.5	24.7

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#74

Fluoranthene

Concen: 9.03 ng/ul

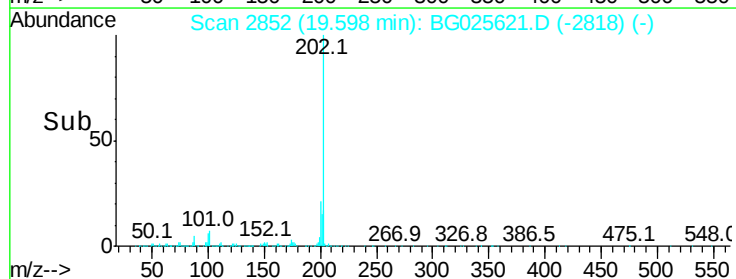
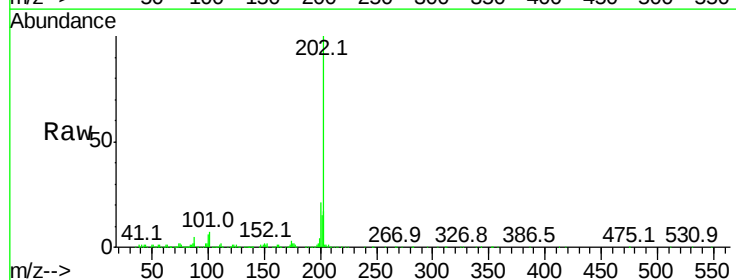
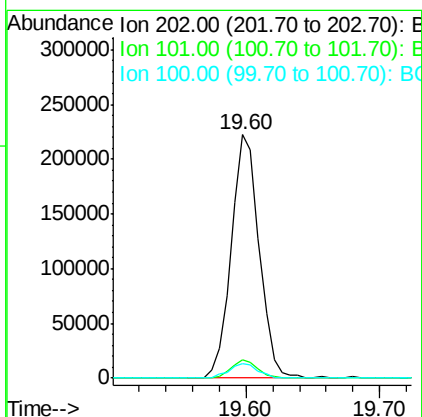
RT: 19.60 min Scan# 2852

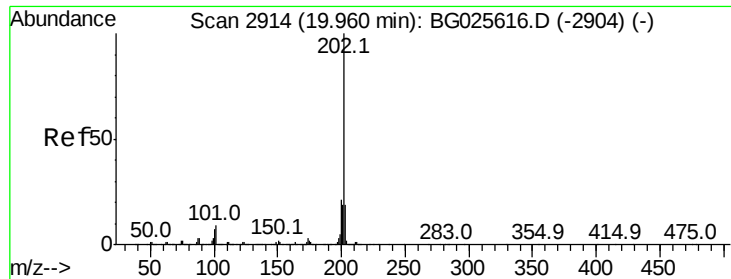
Delta R.T. 0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Tgt Ion:	202	Resp:	324115
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.2	9.2
100	6.0	5.2	7.8





#77

Pvrene

Concen: 7.50 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

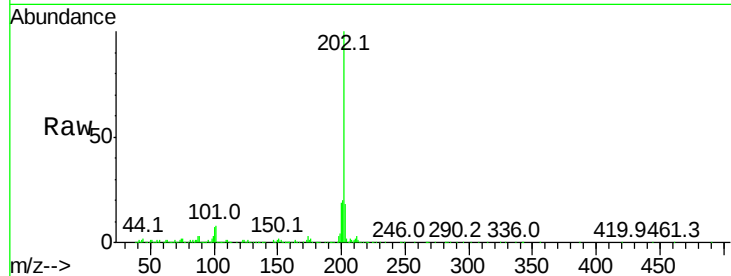
ClientSampled :

BDP21

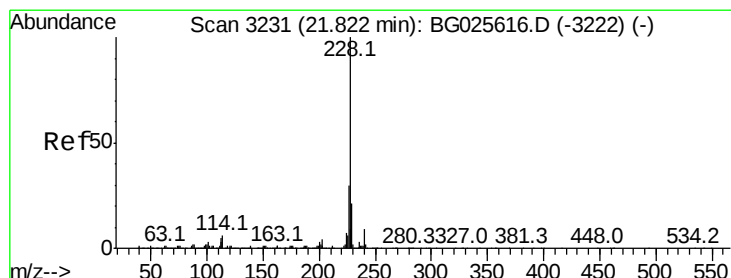
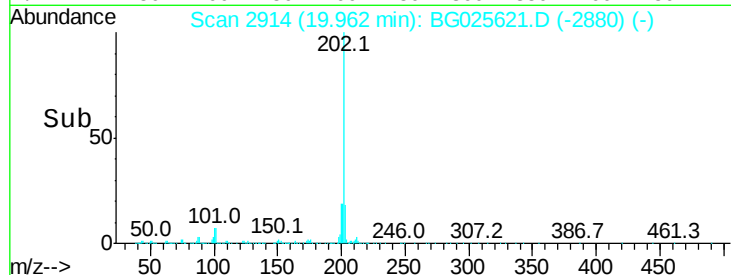
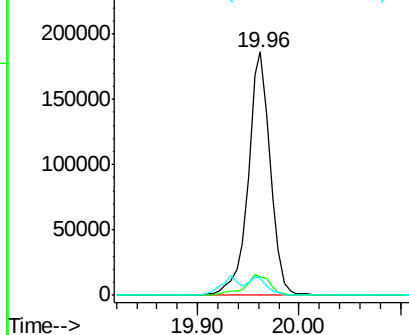
Tot Ion:	202	Resp:	278807
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.9	10.3
100	7.3	6.6	10.0

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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: 4.69 ng/ul

RT: 21.82 min Scan# 3231

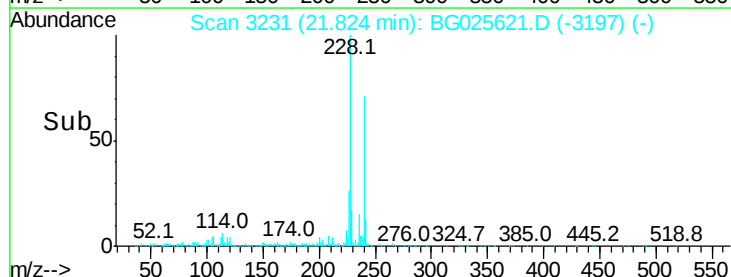
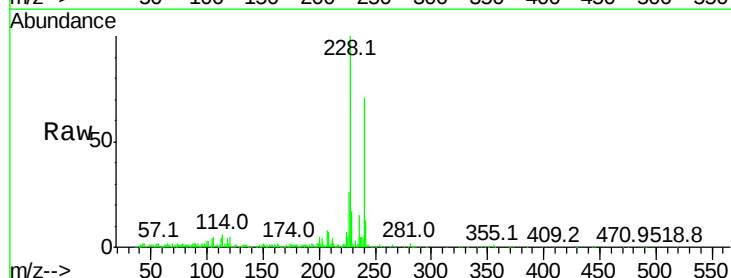
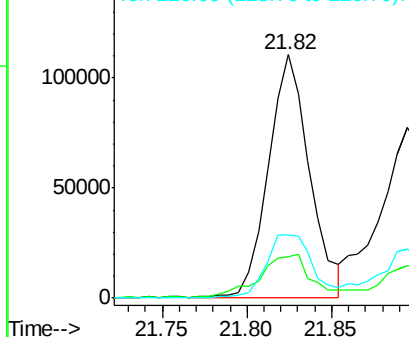
Delta R.T. 0.00 min

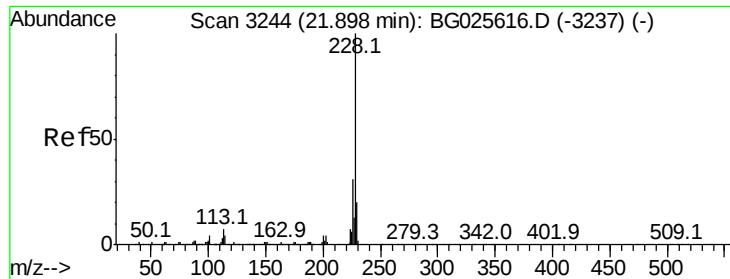
Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Tgt Ion:	228	Resp:	187386
Ion Ratio	Lower	Upper	
228	100		
229	17.1	16.3	24.5
226	26.2	21.9	32.9

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: 4.25 ng/ul

RT: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

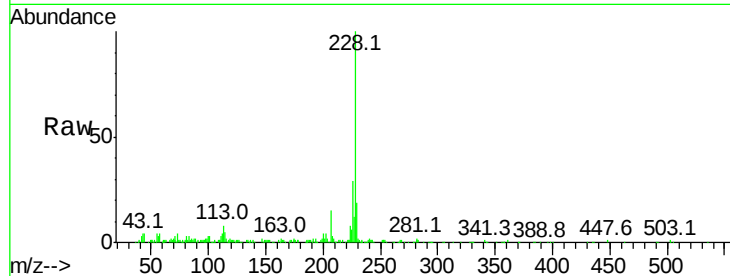
ClientSampleID :

BDP21

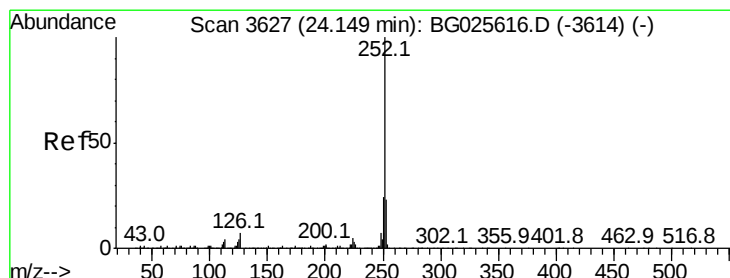
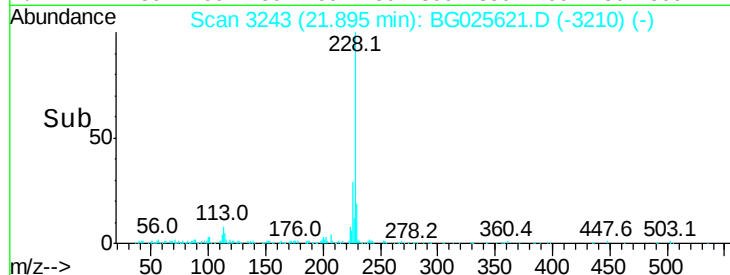
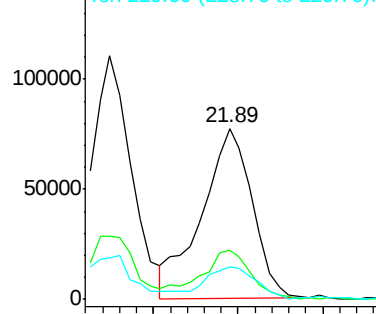
Tot Ion:	228	Resp:	159775
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.0	36.0
229	19.2	16.9	25.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 5.10 ng/ul

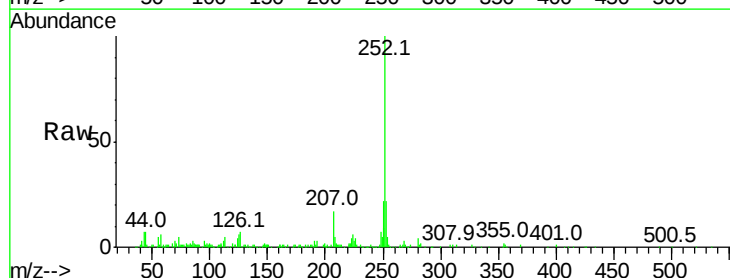
RT: 24.16 min Scan# 3628

Delta R.T. 0.01 min

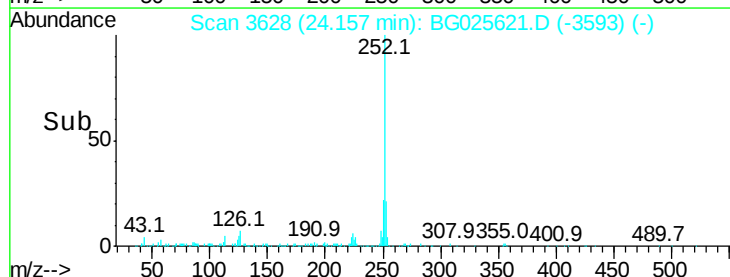
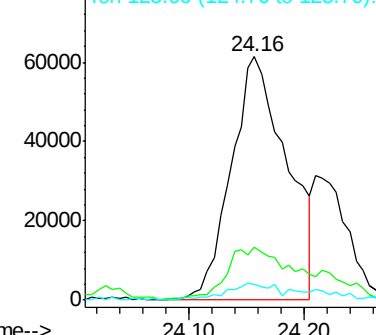
Lab File: BG025621.D

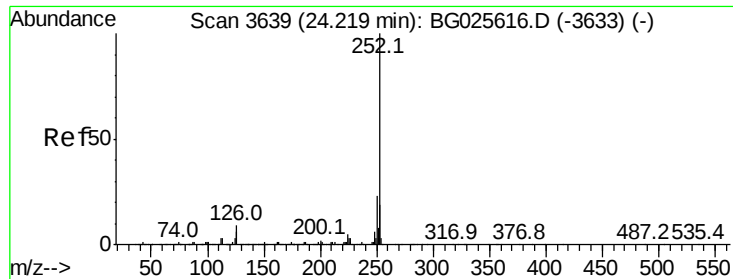
Acq: 24 Jan 2017 23:47

Tgt Ion:	252	Resp:	205721
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.7	26.5
125	6.2	4.0	6.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.63 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.01 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Instrument :

BNA_G

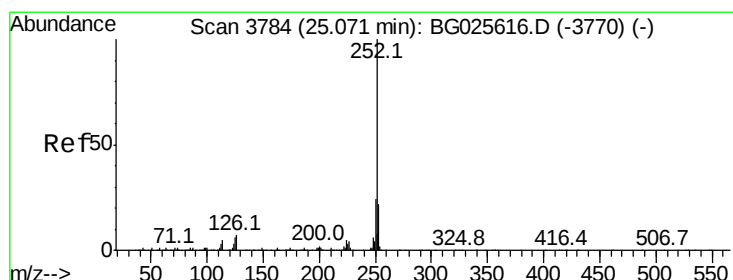
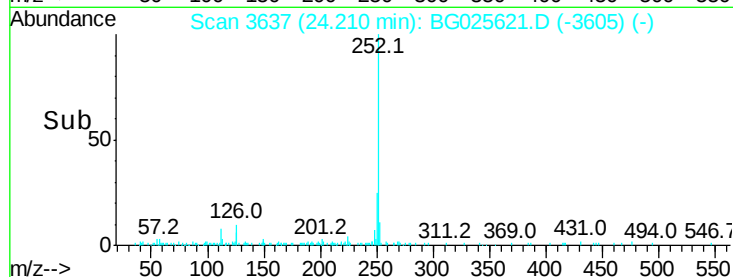
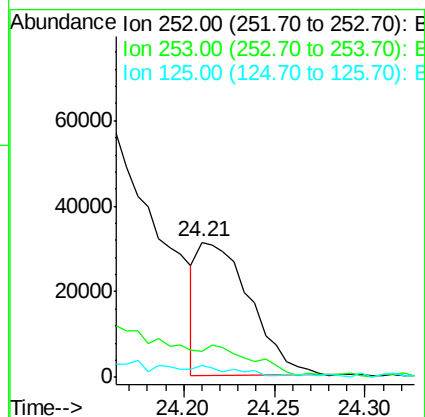
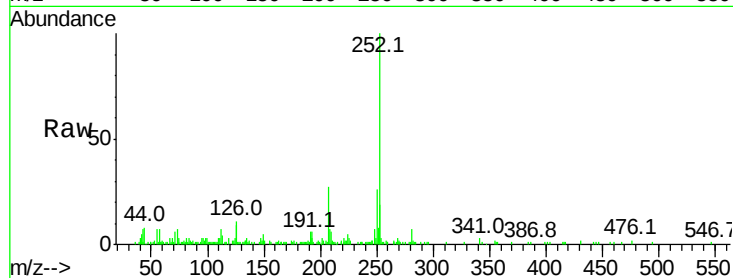
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	19.0	18.5	27.7
125	8.5	4.1	6.1

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#88

Benzo(a)pyrene

Concen: 3.77 ng/ul

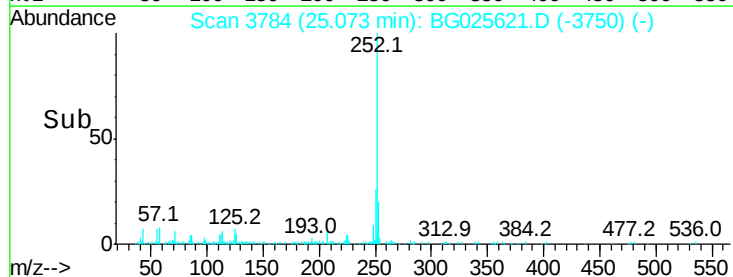
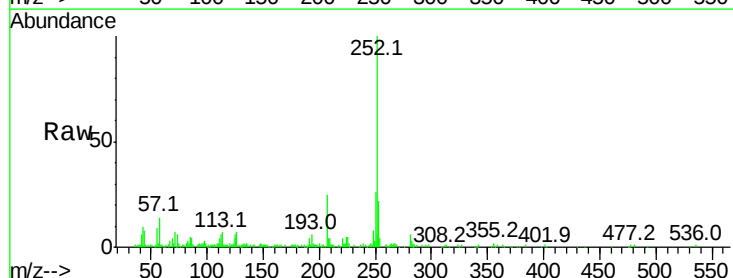
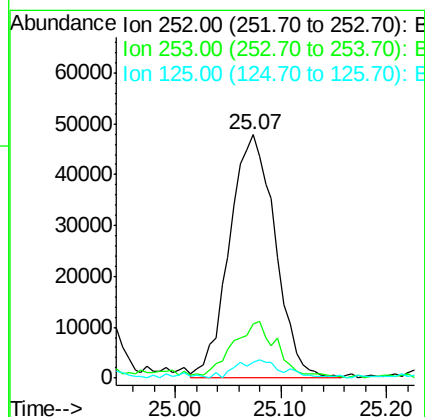
RT: 25.07 min Scan# 3784

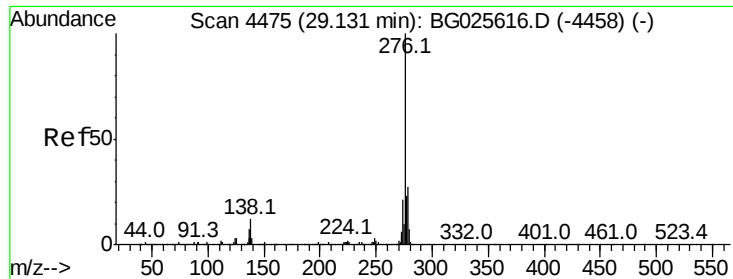
Delta R.T. 0.00 min

Lab File: BG025621.D

Acq: 24 Jan 2017 23:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	6.4	5.4	8.0





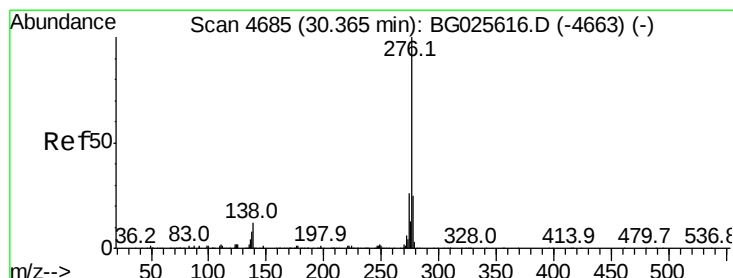
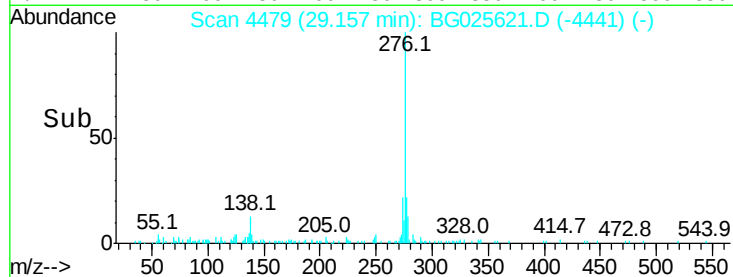
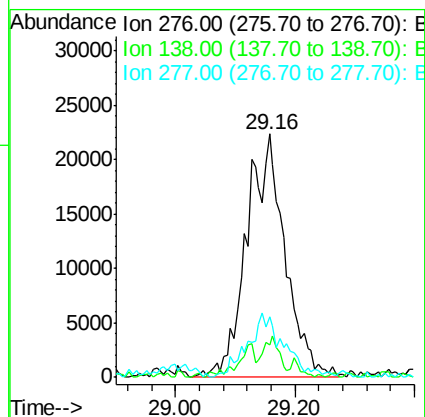
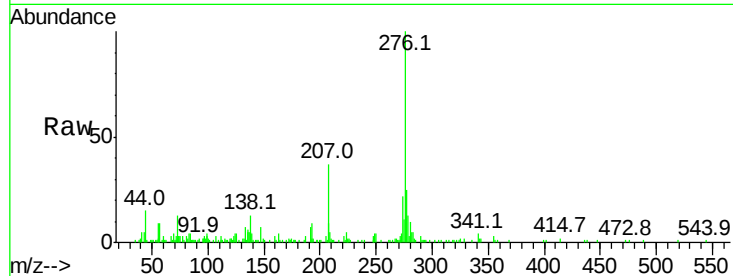
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.07 ng/ul m
 RT: 29.16 min Scan# 4479
 Delta R.T. 0.03 min
 Lab File: BG025621.D
 Acq: 24 Jan 2017 23:47

Instrument :
 BNA_G
 ClientSampleId :
 BDP21

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	8.2	12.4#
277	24.7	18.6	28.0

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#91
 Benzo(g,h,i)perylene
 Concen: 2.31 ng/ul m
 RT: 30.40 min Scan# 4690
 Delta R.T. 0.03 min
 Lab File: BG025621.D
 Acq: 24 Jan 2017 23:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	8.6	12.8#
277	18.3	17.6	26.4

