

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
 Data File : BG015563.D
 Acq On : 1 Dec 2014 15:35
 Operator : TP/JJ
 Sample : F4761-02 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SOILPILE001-111314-001

Manual Integrations
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 12/3/2014 8:21:22 AM

Quant Time: Dec 02 01:27:50 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89530	20.00	ng/ul	0.00
16) Naphthalene-d8	10.55	136	353512	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.40	164	263762	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.15	188	636037	20.00	ng/ul	0.00
73) Chrysene-d12	21.32	240	880120	20.00	ng/ul	0.00
81) Perylene-d12	23.61	264	845068	20.00	ng/ul	-0.01

System Monitoring Compounds

3) Phenol-d5	6.94	99	11243	1.16	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.11	67	5620	0.94	ng/ul	0.00
7) 2-Chlorophenol-d4	7.30	132	6430	1.08	ng/ul	0.00
11) 4-Methylphenol-d8	8.46	113	7296	1.06	ng/ul	0.00
17) Nitrobenzene-d5	8.92	128	3325	1.16	ng/ul	0.00
20) 2-Nitrophenol-d4	9.64	143	4026	1.35	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.17	165	6210	1.11	ng/ul	0.00
27) 4-Chloroaniline-d4	10.69	131	774	0.11	ng/ul	0.00
41) Dimethylphthalate-d6	13.82	166	21838	1.17	ng/ul	0.00
44) Acenaphthylene-d8	14.09	160	24652	1.11	ng/ul	-0.01
49) 4-Nitrophenol-d4	14.59	143	3100	0.98	ng/ul	0.00
55) Fluorene-d10	15.40	176	23206	1.35	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.51	200	2466	0.73	ng/ul	0.00
68) Anthracene-d10	17.25	188	36272	1.21	ng/ul	0.00
74) Pyrene-d10	19.54	212	43936	1.17	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.46	264	36605	0.96	ng/ul	-0.01

Target Compounds

						Qvalue
67) Phenanthrene	17.19	178	263743	8.11	ng/ul	98
69) Anthracene	17.28	178	64161m	1.95	ng/ul	
72) Fluoranthene	19.20	202	765986	17.52	ng/ul	98
75) Pyrene	19.57	202	676106	13.79	ng/ul	97
78) Benzo(a)anthracene	21.31	228	367242	7.24	ng/ul	96
80) Chrysene	21.37	228	378855	8.23	ng/ul	96
83) Benzo(b)fluoranthene	22.92	252	478533	9.45	ng/ul	93
84) Benzo(k)fluoranthene	22.96	252	164903m	3.44	ng/ul	
86) Benzo(a)pyrene	23.51	252	296829	6.14	ng/ul	98
87) Indeno(1,2,3-cd)pyrene	25.94	276	187334	3.37	ng/ul#	93
89) Benzo(g,h,i)perylene	26.65	276	147040	3.25	ng/ul	98

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

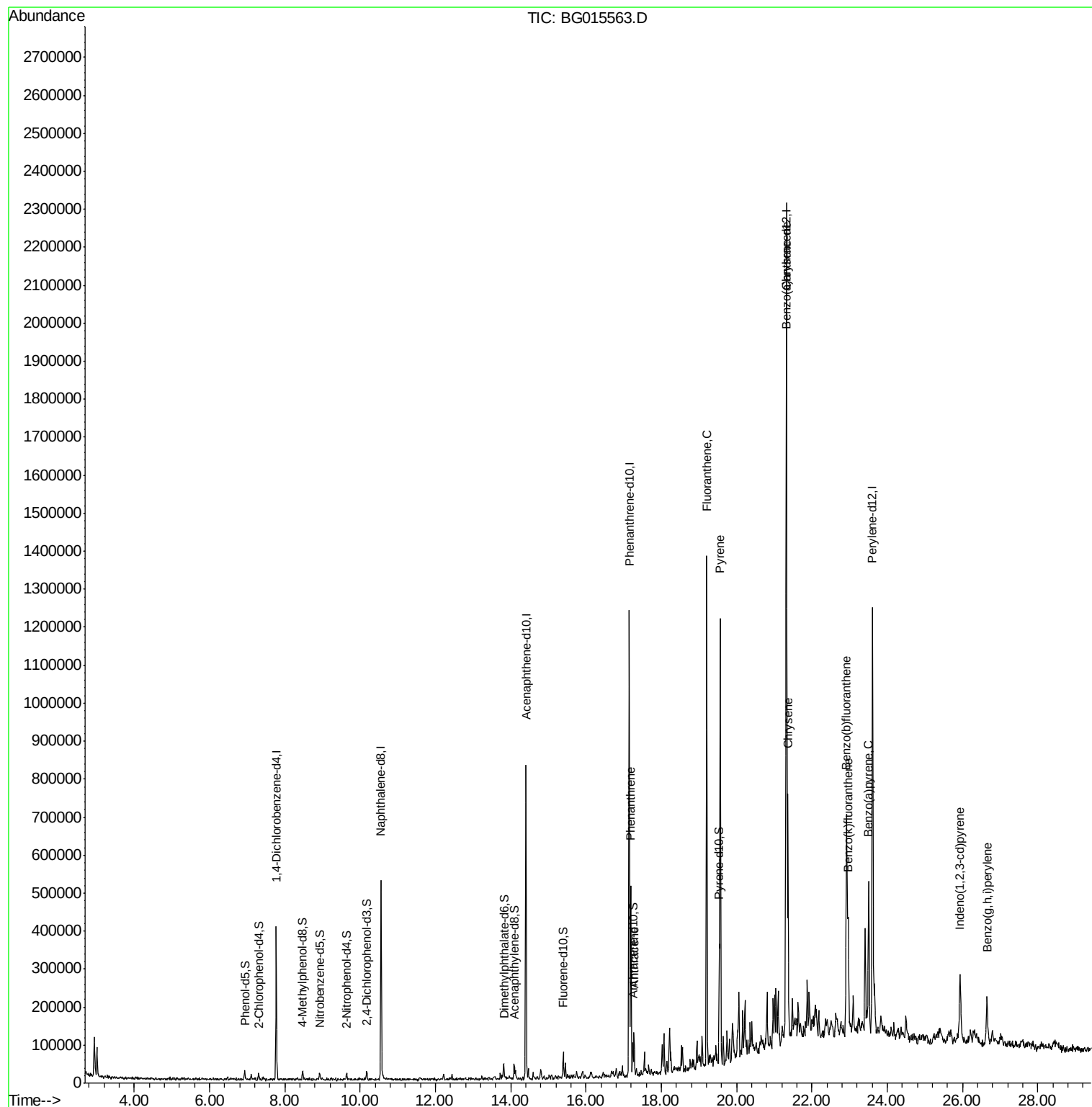
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
Data File : BG015563.D
Acq On : 1 Dec 2014 15:35
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ALS Vial : 10 Sample Multiplier: 1

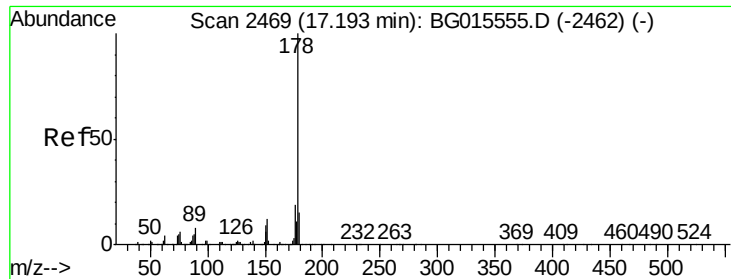
Instrument :
BNA_G
ClientSampleId :
P001-SOILPILE001-111314-001

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Quant Time: Dec 02 01:27:50 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration





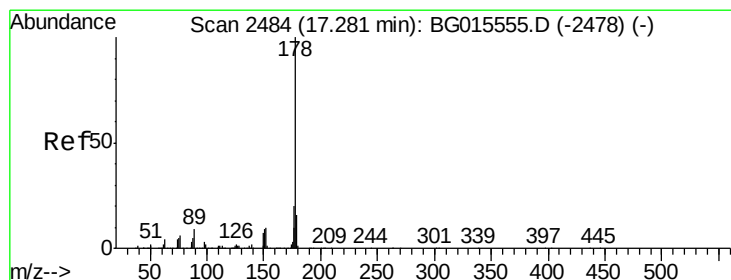
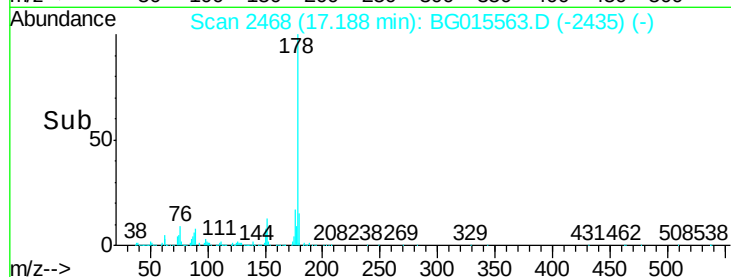
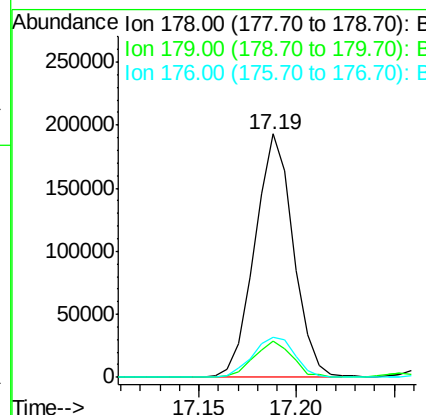
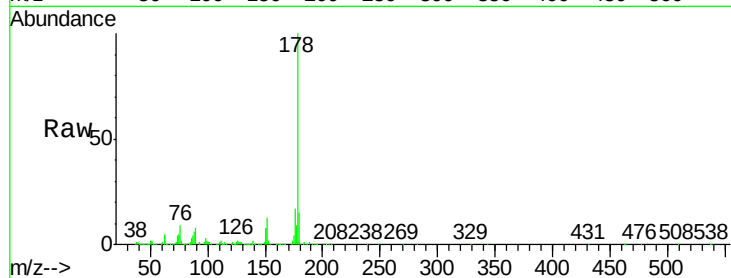
#67
Phenanthrene
Concen: 8.11 ng/ul
RT: 17.19 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG015563.D
Acq: 1 Dec 2014 15:35

Instrument :
BNA_G
ClientSampleId :
P001-SOILPILE001-111314-001

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	263743		
179	15.1	12.5	18.7	
176	16.7	14.5	21.7	

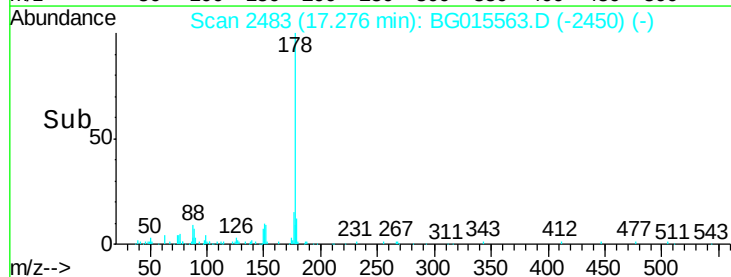
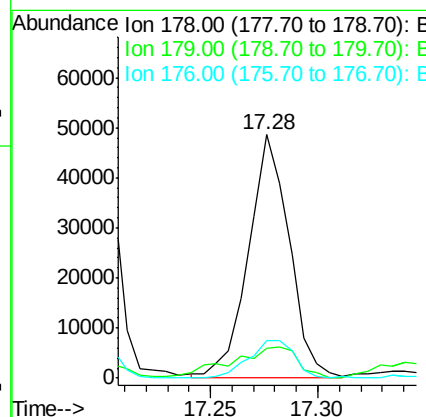
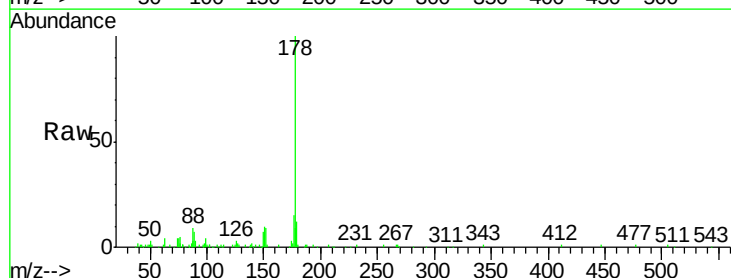
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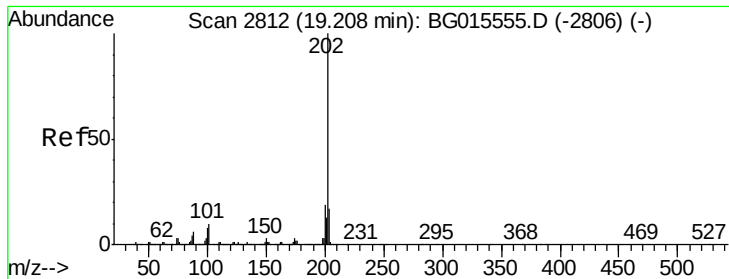
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#69
Anthracene
Concen: 1.95 ng/ul m
RT: 17.28 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG015563.D
Acq: 1 Dec 2014 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	64161		
179	12.3	13.3	19.9#	
176	15.3	15.2	22.8	





#72

Fluoranthene

Concen: 17.52 ng/ul

RT: 19.20 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG015563.D

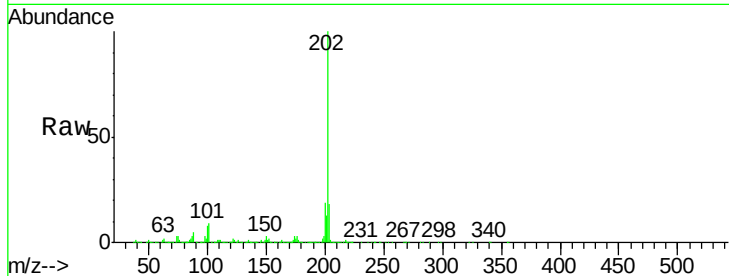
Acq: 1 Dec 2014 15:35

Instrument :

BNA_G

ClientSampleId :

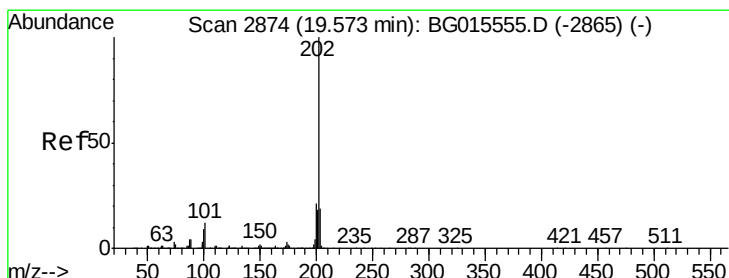
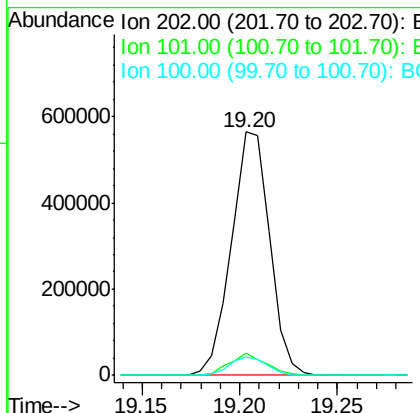
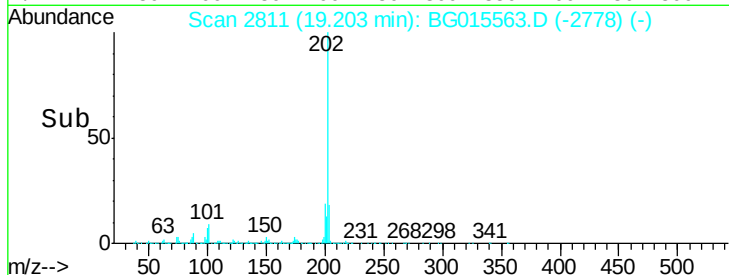
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	765986		
101	9.2	7.8	11.6	
100	7.6	5.3	7.9	

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#75

Pyrene

Concen: 13.79 ng/ul

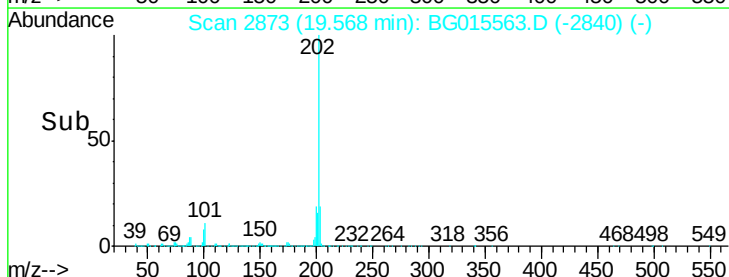
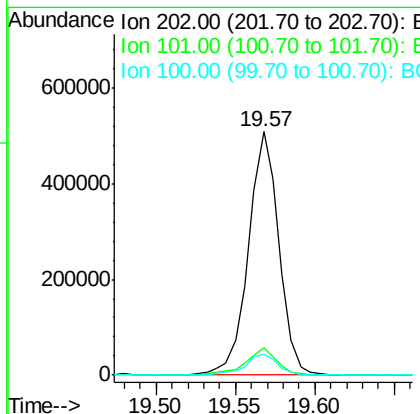
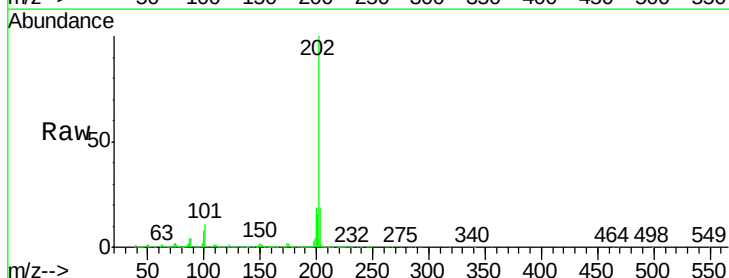
RT: 19.57 min Scan# 2873

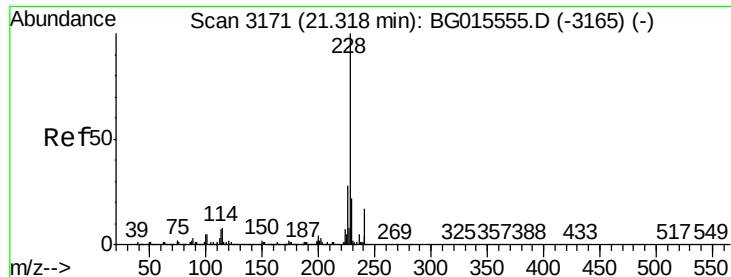
Delta R.T. -0.01 min

Lab File: BG015563.D

Acq: 1 Dec 2014 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	676106		
101	11.4	8.0	12.0	
100	8.4	7.4	11.2	





#78

Benzo(a)anthracene

Concen: 7.24 ng/ul

RT: 21.31 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG015563.D

Acq: 1 Dec 2014 15:35

Instrument :

BNA_G

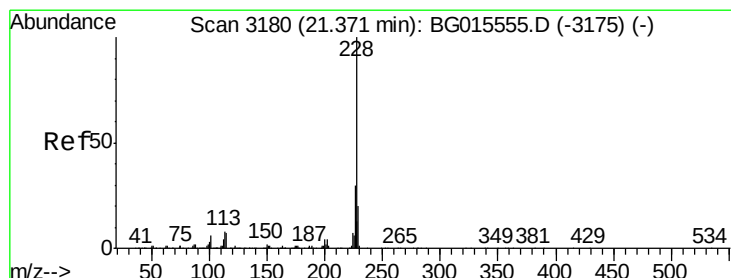
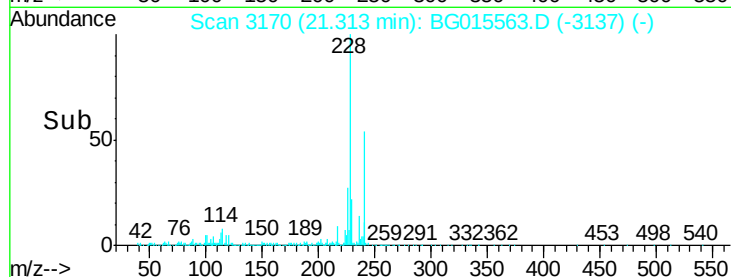
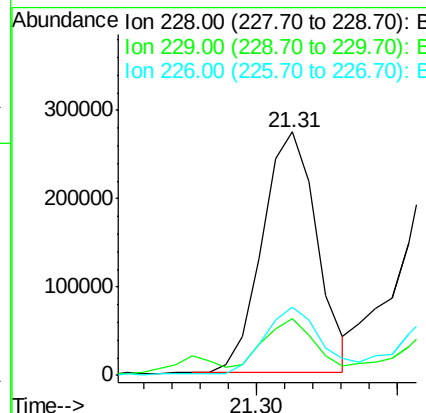
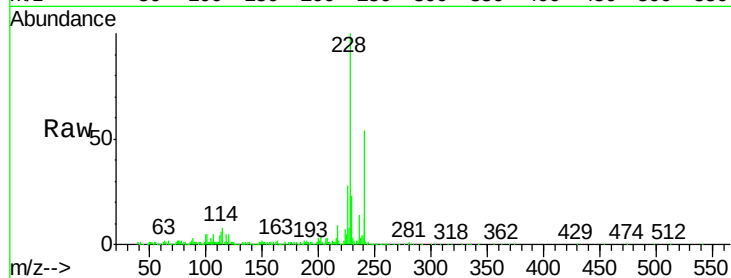
ClientSampleId :

P001-SOILPILE001-111314-001

Tgt	Ion	228	Resp:	367242
	Ratio	100	Lower	Upper
	228	100		
	229	23.2	16.1	24.1
	226	28.0	21.7	32.5

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#80

Chrysene

Concen: 8.23 ng/ul

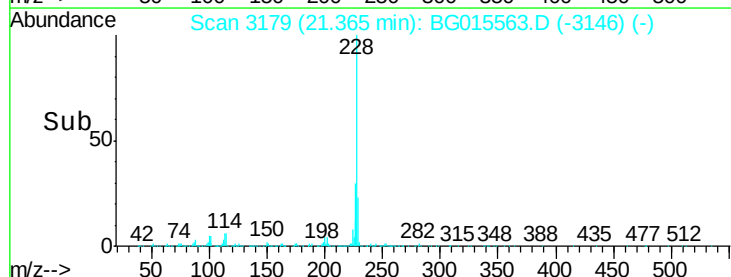
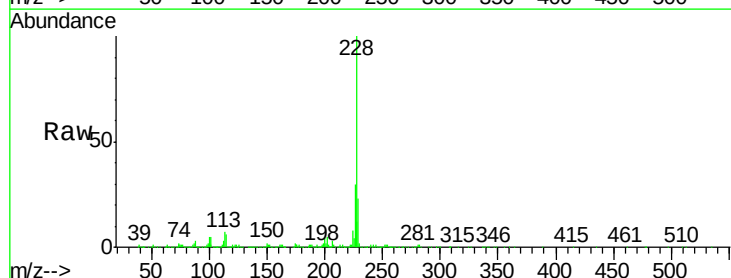
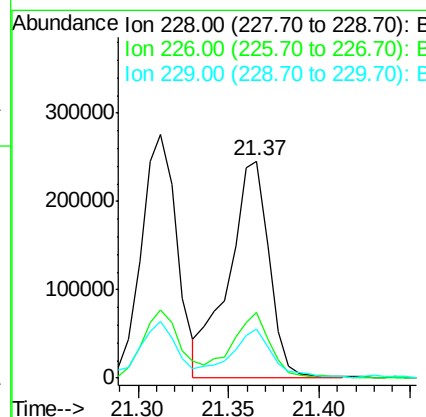
RT: 21.37 min Scan# 3179

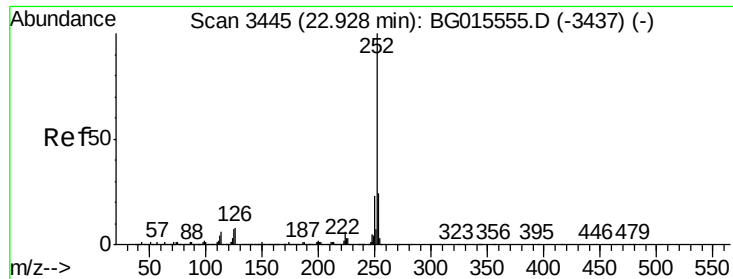
Delta R.T. -0.01 min

Lab File: BG015563.D

Acq: 1 Dec 2014 15:35

Tgt	Ion	228	Resp:	378855
	Ratio	100	Lower	Upper
	228	100		
	226	30.2	25.5	38.3
	229	22.9	16.4	24.6





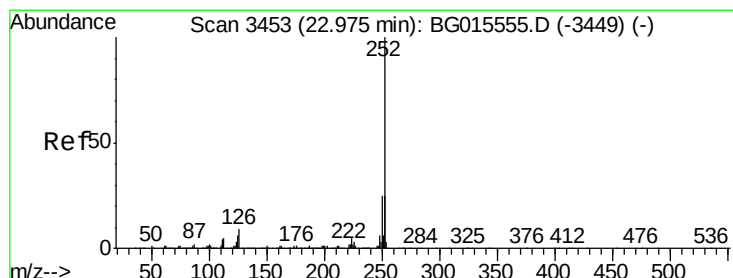
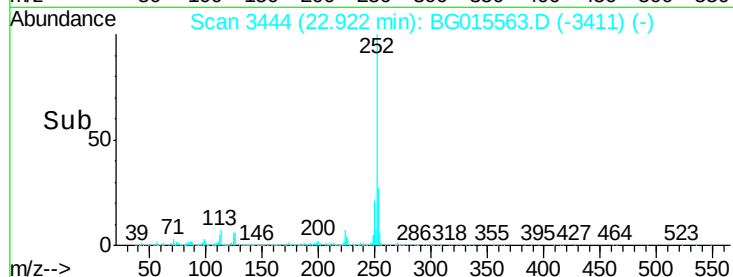
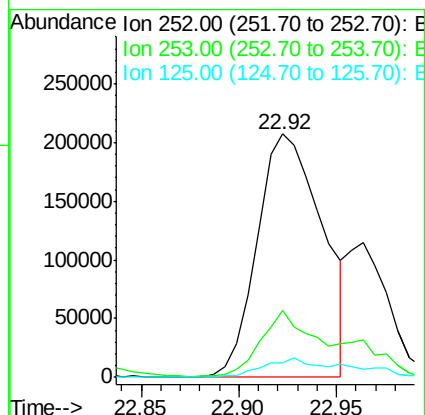
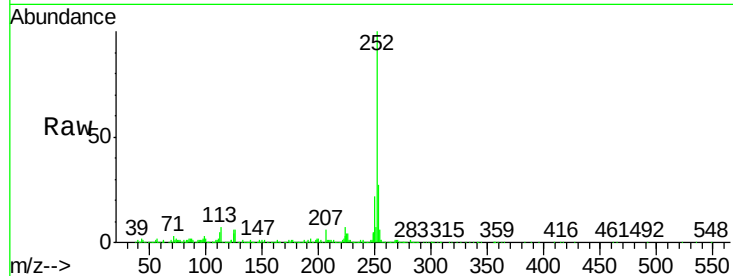
#83
Benzo(b)fluoranthene
Concen: 9.45 ng/ul
RT: 22.92 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BG015563.D
Acq: 1 Dec 2014 15:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.5	18.8	28.2
125	6.2	5.4	8.0

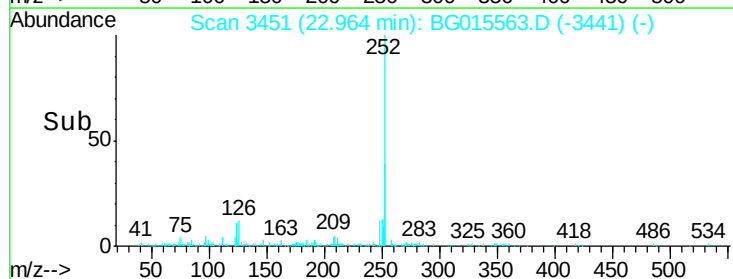
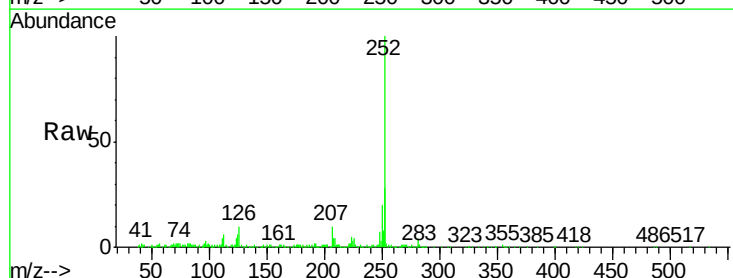
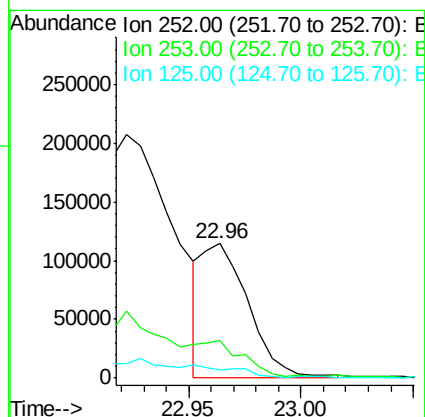
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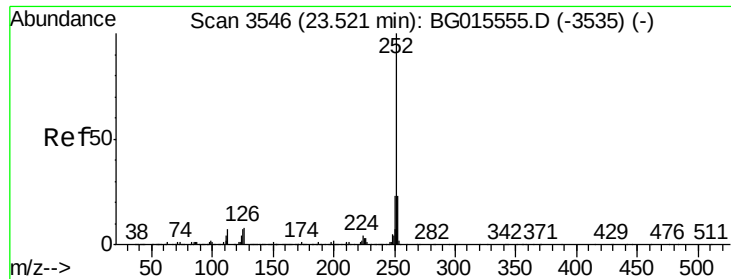
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#84
Benzo(k)fluoranthene
Concen: 3.44 ng/ul m
RT: 22.96 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BG015563.D
Acq: 1 Dec 2014 15:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.1	18.6	27.8#
125	5.8	5.2	7.8





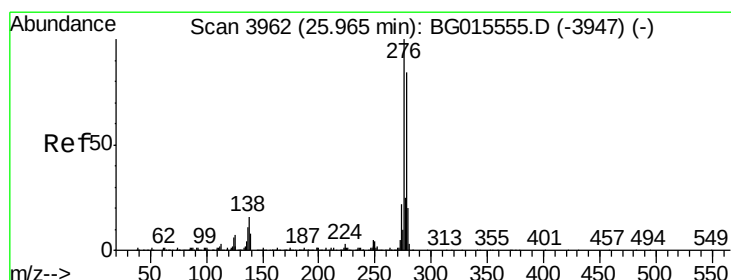
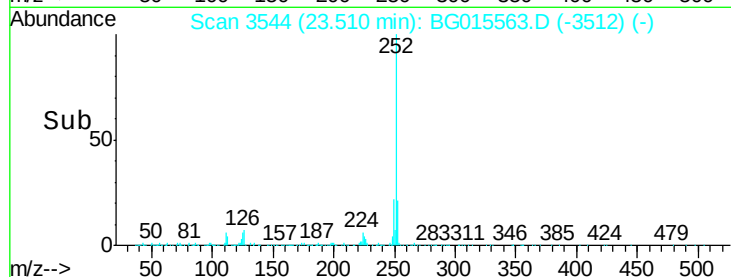
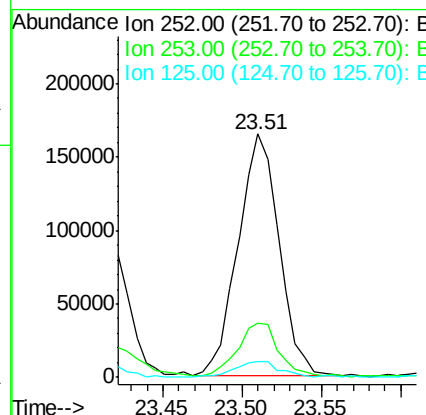
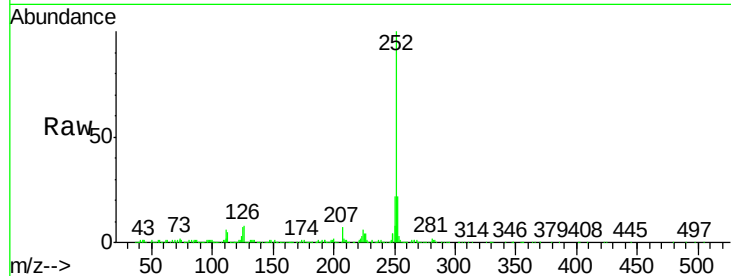
#86
Benzo(a)pyrene
Concen: 6.14 ng/ul
RT: 23.51 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG015563.D
Acq: 1 Dec 2014 15:35

Instrument :
BNA_G
ClientSampleId :
P001-SOILPILE001-111314-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	16.9	25.3
125	6.6	5.4	8.0

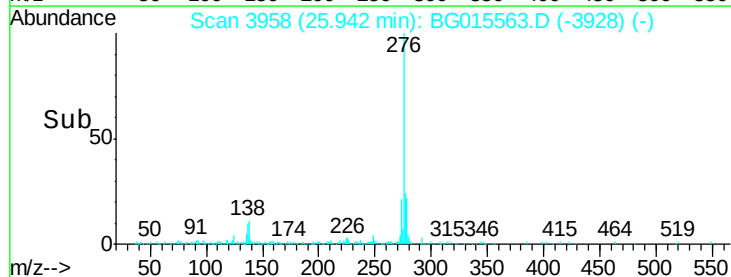
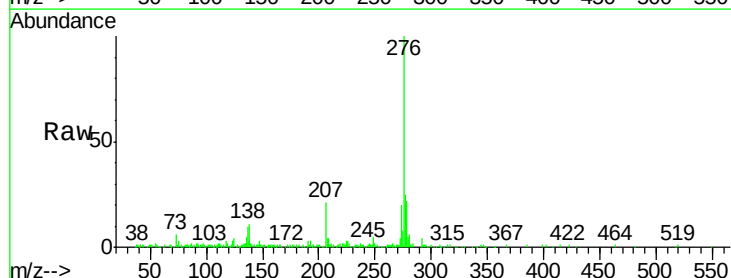
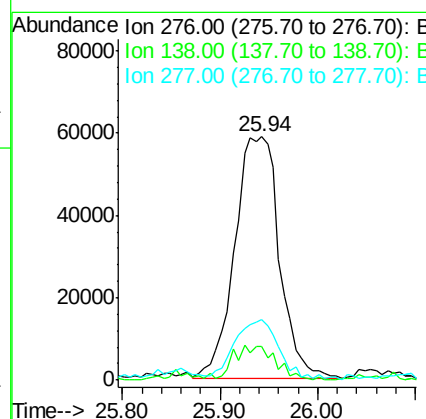
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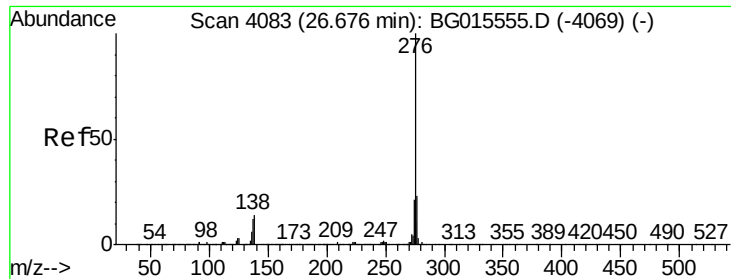
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.37 ng/ul
RT: 25.94 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BG015563.D
Acq: 1 Dec 2014 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.6	15.8	23.8#
277	25.0	19.2	28.8





#89

Benzo(g,h,i)perylene

Concen: 3.25 ng/ul

RT: 26.65 min Scan# 4079

Delta R.T. -0.02 min

Lab File: BG015563.D

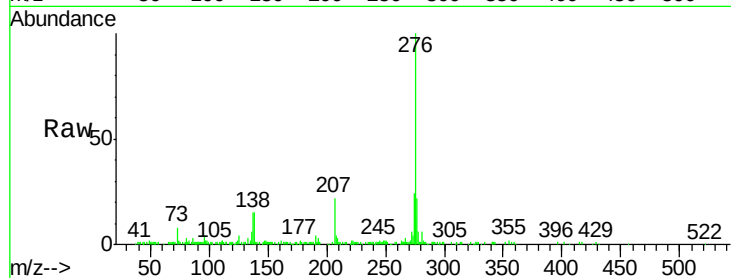
Acq: 1 Dec 2014 15:35

Instrument :

BNA_G

ClientSampleId :

P001-SOILPILE001-111314-001



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	147040		
138	15.3	10.9	16.3	
277	22.2	17.7	26.5	

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