

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023582.D
 Acq On : 10 Aug 2016 7:34
 Operator : UM/SJ
 Sample : H4362-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-0612-01

Manual Integrations
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Quant Time: Aug 10 08:18:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	192242m	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	867348m	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	616165	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1463370	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1415011	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1377282	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8044	1.78	ng/uL	0.00
5) Phenol-d5	7.27	99	396028m	20.45	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	263077m	21.20	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	278169m	21.06	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	285975m	18.92	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	150261m	21.98	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	176854m	22.52	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	327913	22.14	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	288155m	16.58	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	1088989	21.59	ng/ul	-0.01
46) Acenaphthylene-d8	14.47	160	1273633	22.43	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	186095	21.61	ng/ul	0.00
57) Fluorene-d10	15.78	176	1006124	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	194973	20.77	ng/ul	0.00
70) Anthracene-d10	17.65	188	1496147	22.69	ng/ul	0.00
76) Pyrene-d10	19.94	212	1652483	23.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1484265	23.81	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.29	94	21529m	1.07	ng/ul	
44) Dimethylphthalate	14.22	163	888958	17.79	ng/ul	99
69) Phenanthrene	17.59	178	112097	1.48	ng/ul	98
74) Fluoranthene	19.60	202	245185	3.16	ng/ul#	93
77) Pyrene	19.97	202	229734	2.63	ng/ul#	89
80) Benzo(a)anthracene	21.85	228	90106	1.13	ng/ul	91
82) Chrysene	21.91	228	109481	1.51	ng/ul#	88
85) Benzo(b)fluoranthene	24.18	252	121952	1.56	ng/ul#	93
88) Benzo(a)pyrene	25.09	252	85754	1.13	ng/ul	94

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

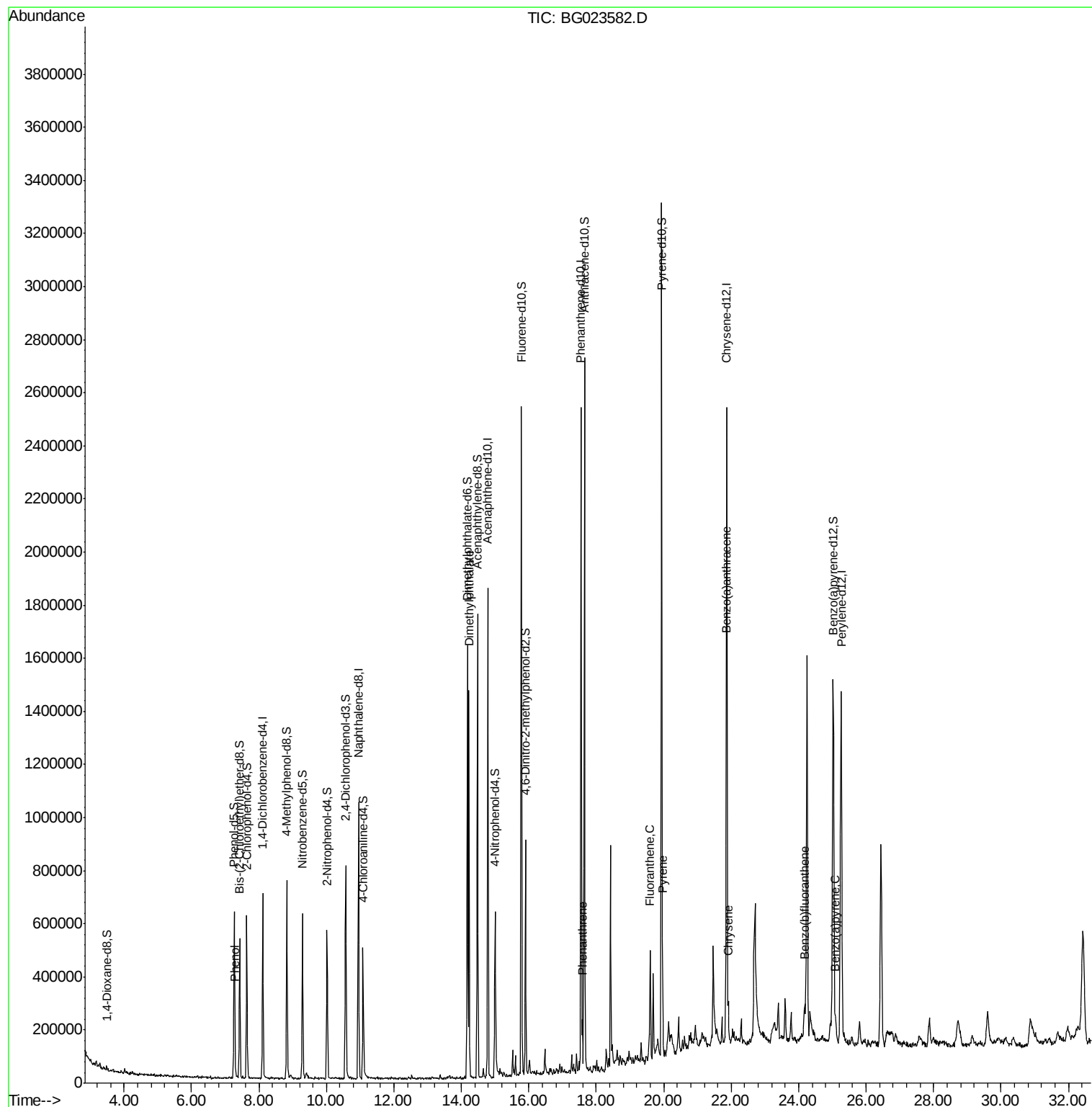
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023582.D
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ALS Vial : 27 Sample Multiplier: 1

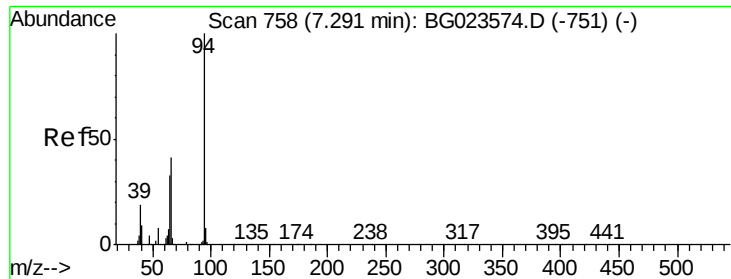
Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0612-01

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Quant Time: Aug 10 08:18:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.07 ng/ul m

RT: 7.29 min Scan# 758

Delta R.T. -0.03 min

Lab File: BG023582.D

Acq: 10 Aug 2016 7:34

Instrument :

BNA_G

ClientSampleId :

PR001-SS006-0612-01

Tgt Ion: 94 Resp: 21529

Ion Ratio Lower Upper

94 100

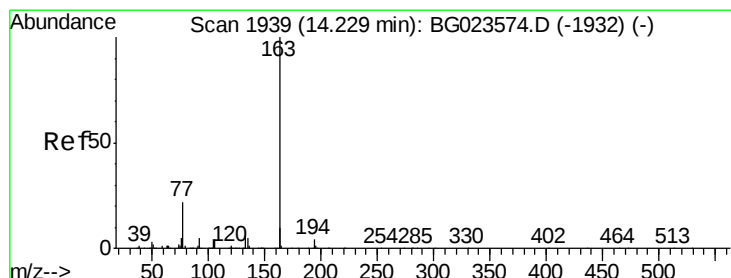
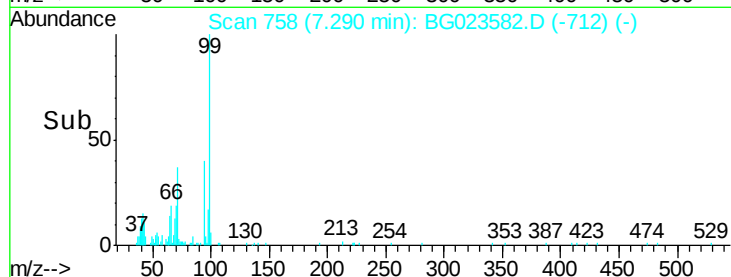
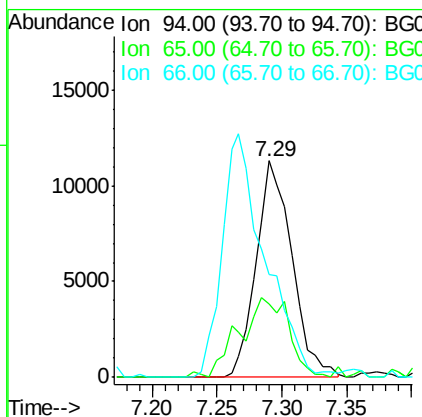
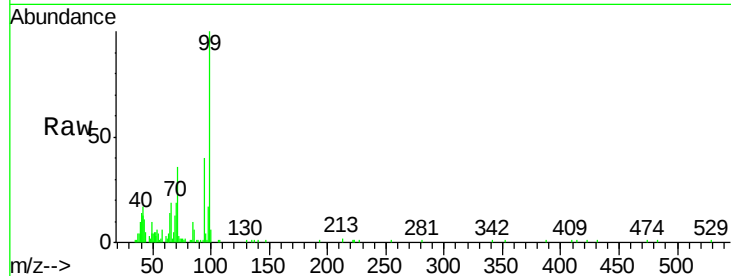
65 34.1 16.8 25.2#

66 47.8 22.6 33.8#

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#44

Dimethylphthalate

Concen: 17.79 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023582.D

Acq: 10 Aug 2016 7:34

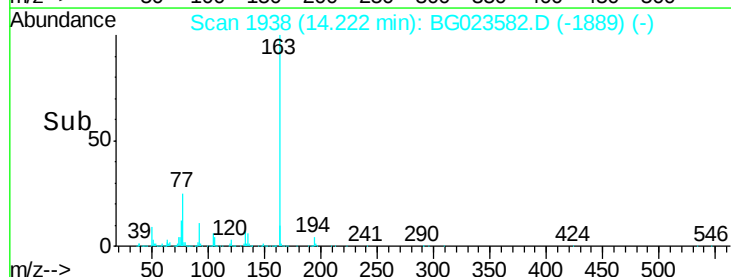
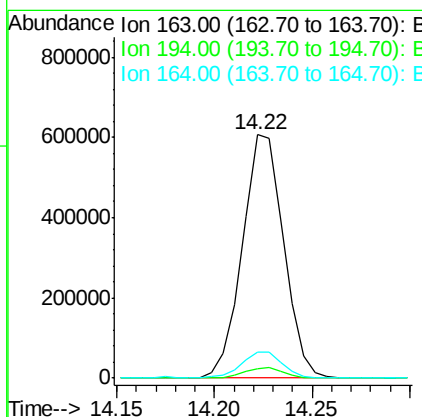
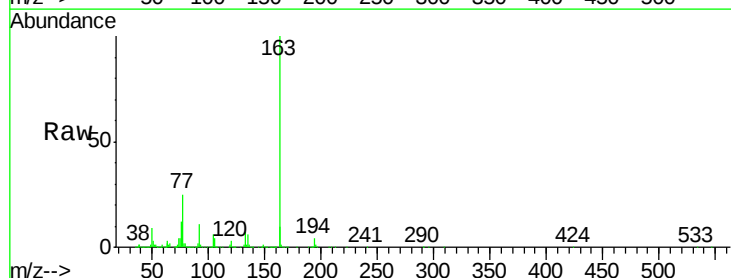
Tgt Ion: 163 Resp: 888958

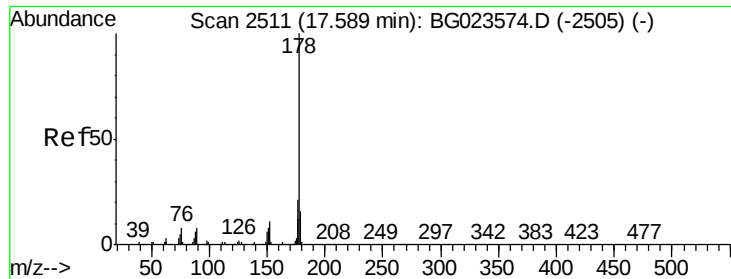
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.5 8.8 13.2





#69

Phenanthrene

Concen: 1.48 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG023582.D

Acq: 10 Aug 2016 7:34

Instrument :

BNA_G

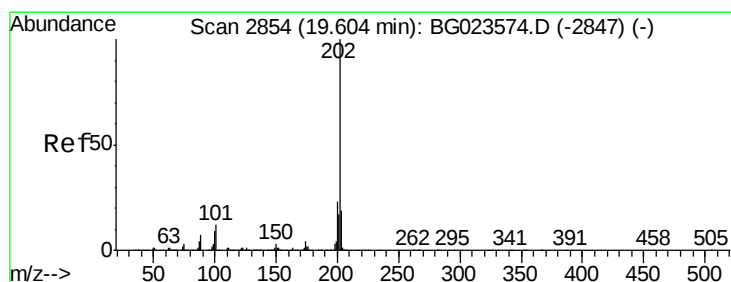
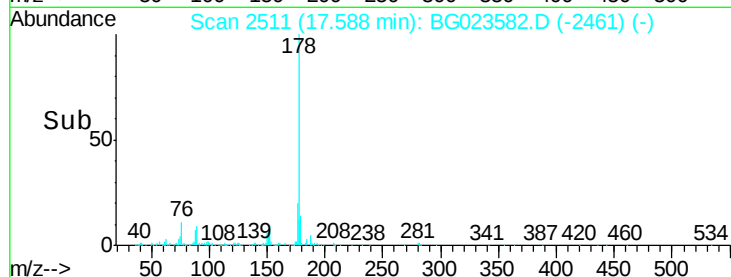
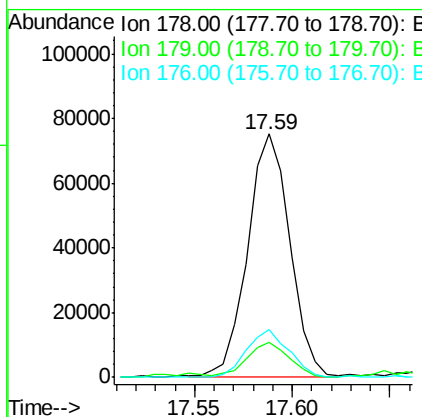
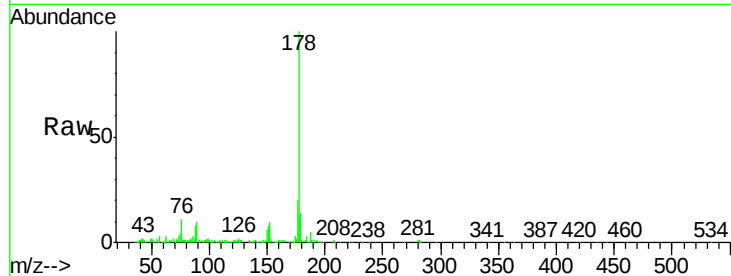
ClientSampleId :

PR001-SS006-0612-01

Tgt Ion:	178	Resp:	112097
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.9	19.3
176	19.7	15.8	23.8

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#74

Fluoranthene

Concen: 3.16 ng/ul

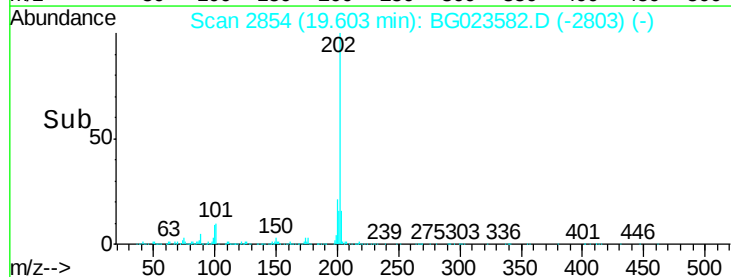
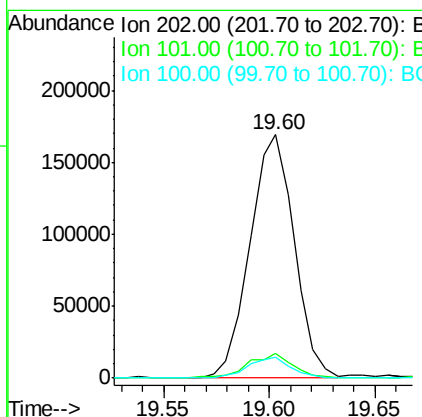
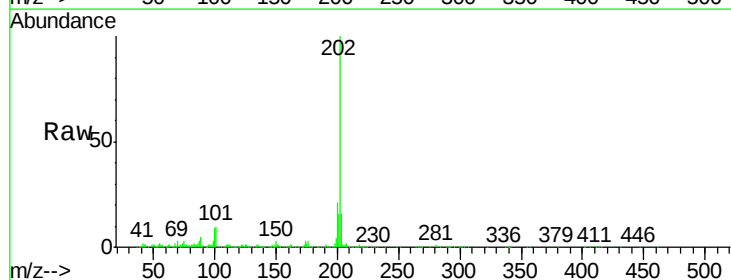
RT: 19.60 min Scan# 2854

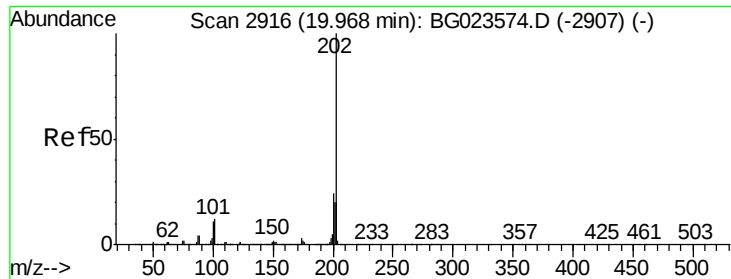
Delta R.T. -0.00 min

Lab File: BG023582.D

Acq: 10 Aug 2016 7:34

Tgt Ion:	202	Resp:	245185
Ion Ratio	Lower	Upper	
202	100		
101	10.2	10.6	16.0#
100	8.5	8.7	13.1#





#77

Pyrene

Concen: 2.63 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG023582.D

Acq: 10 Aug 2016 7:34

Instrument :

BNA_G

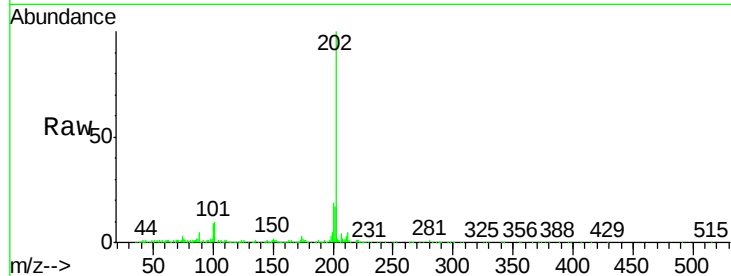
ClientSampleId :

PR001-SS006-0612-01

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		229734		
101	10.3	12.5	18.7#		
100	9.2	10.2	15.4#		

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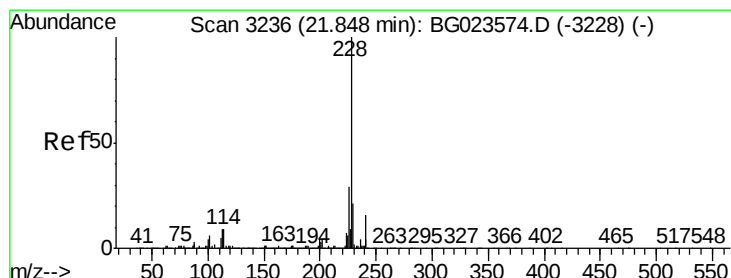
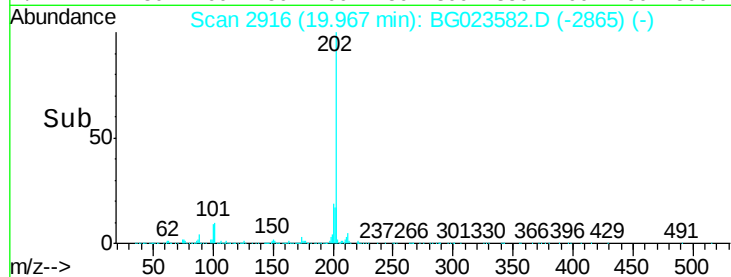
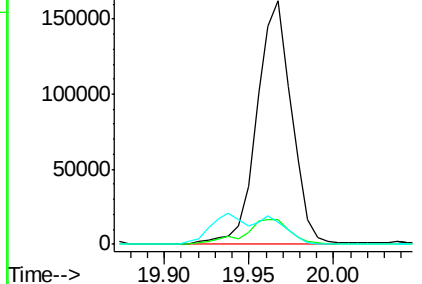
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 1.13 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023582.D

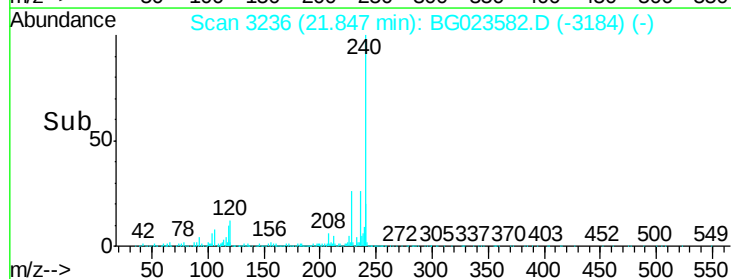
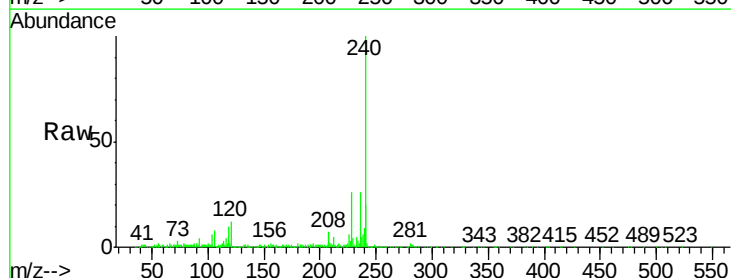
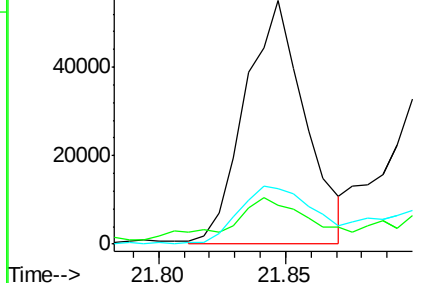
Acq: 10 Aug 2016 7:34

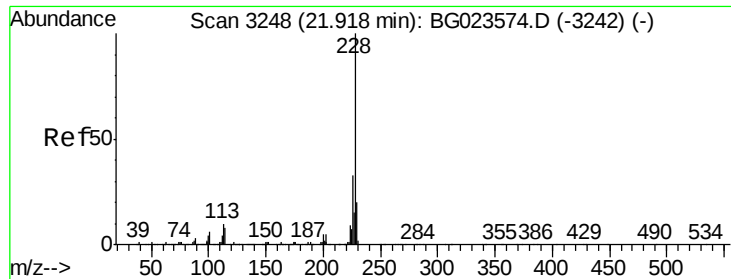
Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		90106		
229	16.0	15.4	23.2		
226	23.0	22.8	34.2		

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





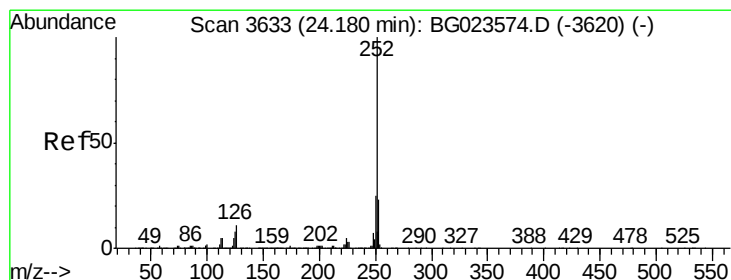
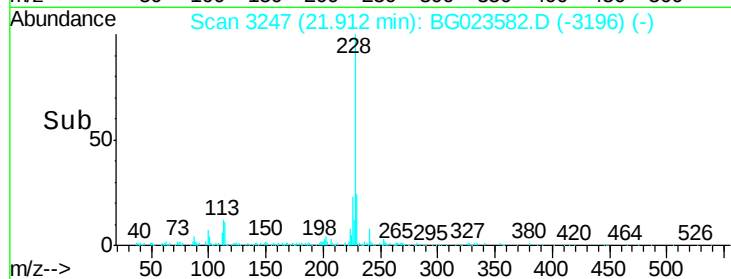
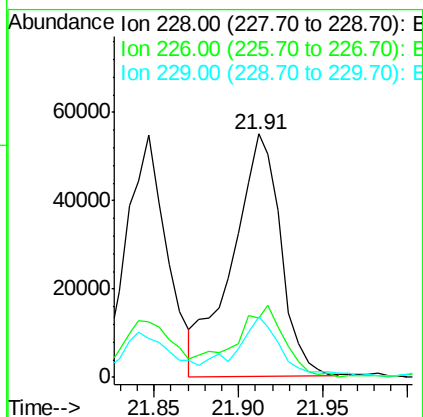
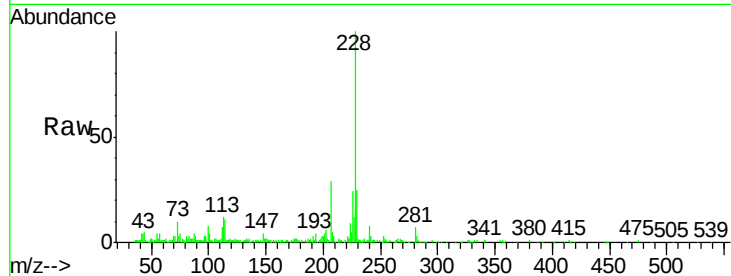
#82
Chrysene
Concen: 1.51 ng/ul
RT: 21.91 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG023582.D
Acq: 10 Aug 2016 7:34

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0612-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	24.4	24.2	36.4
229	24.7	15.0	22.6

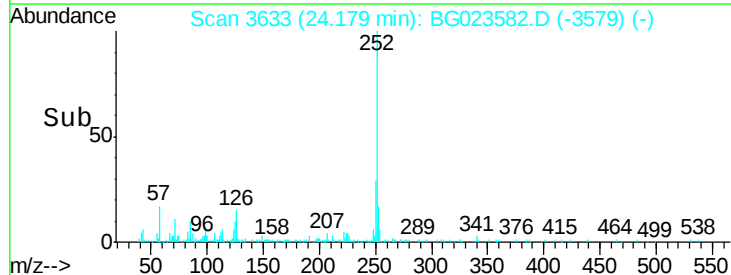
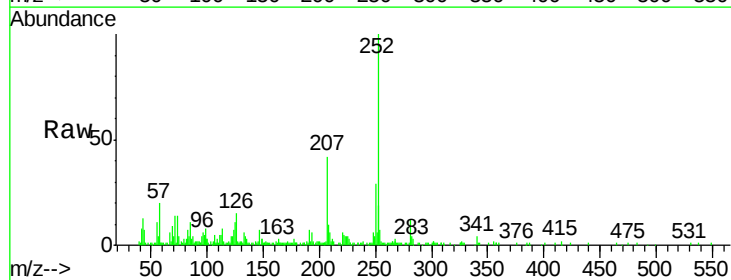
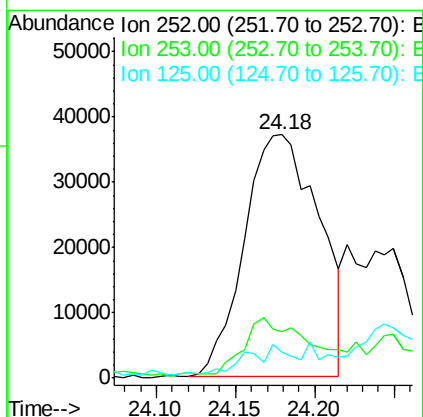
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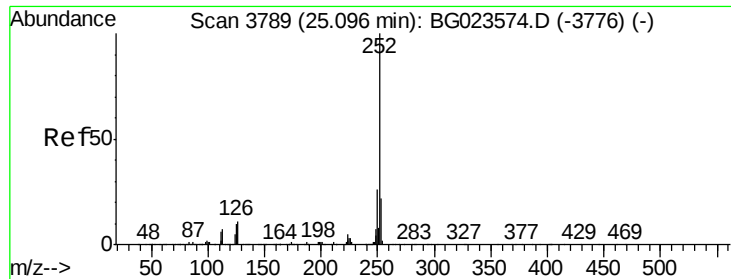
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#85
Benzo(b)fluoranthene
Concen: 1.56 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. 0.02 min
Lab File: BG023582.D
Acq: 10 Aug 2016 7:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	19.0	18.2	27.2
125	10.8	10.8	16.2





#88

Benzo(a)pyrene

Concen: 1.13 ng/ul

RT: 25.09 min Scan# 3788

Delta R.T. 0.01 min

Lab File: BG023582.D

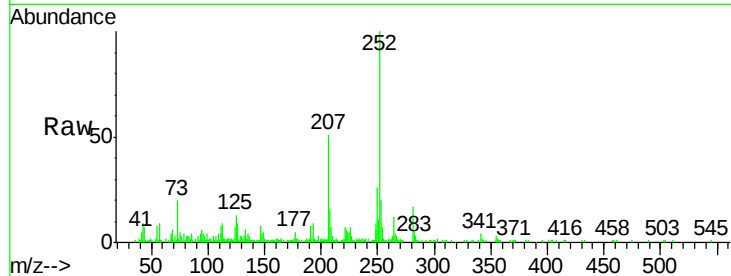
Acq: 10 Aug 2016 7:34

Instrument :

BNA_G

ClientSampleId :

PR001-SS006-0612-01



Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	19.0	28.4
125	12.9	12.0	18.0

Manual Integrations
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