

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023712.D
 Acq On : 14 Aug 2016 6:27
 Operator : UM/SJ
 Sample : H4388-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Manual Integrations
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Quant Time: Aug 15 19:35:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	122065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	538662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	335680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	705782m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	756465m	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	743791	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8056	2.81	ng/uL	0.00
5) Phenol-d5	7.27	99	223288	18.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	158087	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	165553	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	129221	13.46	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	90104m	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	103768	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	172403	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	150438m	13.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	585195	21.29	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	696574	22.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	69044	14.72	ng/ul	0.00
57) Fluorene-d10	15.78	176	508626	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	69405m	15.33	ng/ul	0.00
70) Anthracene-d10	17.65	188	699646m	22.00	ng/ul	0.00
76) Pyrene-d10	19.95	212	782612	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	747676	22.21	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.30	94	19931	1.56	ng/ul#	80
44) Dimethylphthalate	14.23	163	379342	13.94	ng/ul	98
47) Acenaphthylene	14.51	152	40531	1.25	ng/ul	98
69) Phenanthrene	17.60	178	231188m	6.32	ng/ul	
74) Fluoranthene	19.61	202	363814m	9.72	ng/ul	
77) Pyrene	19.98	202	667836m	14.28	ng/ul	
80) Benzo(a)anthracene	21.86	228	279816m	6.57	ng/ul	
82) Chrysene	21.93	228	304934m	7.87	ng/ul	
85) Benzo(b)fluoranthene	24.20	252	208285	4.92	ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	52906m	1.27	ng/ul	
88) Benzo(a)pyrene	25.13	252	186549	4.57	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.20	276	93497m	1.95	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	98671m	2.48	ng/ul	

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

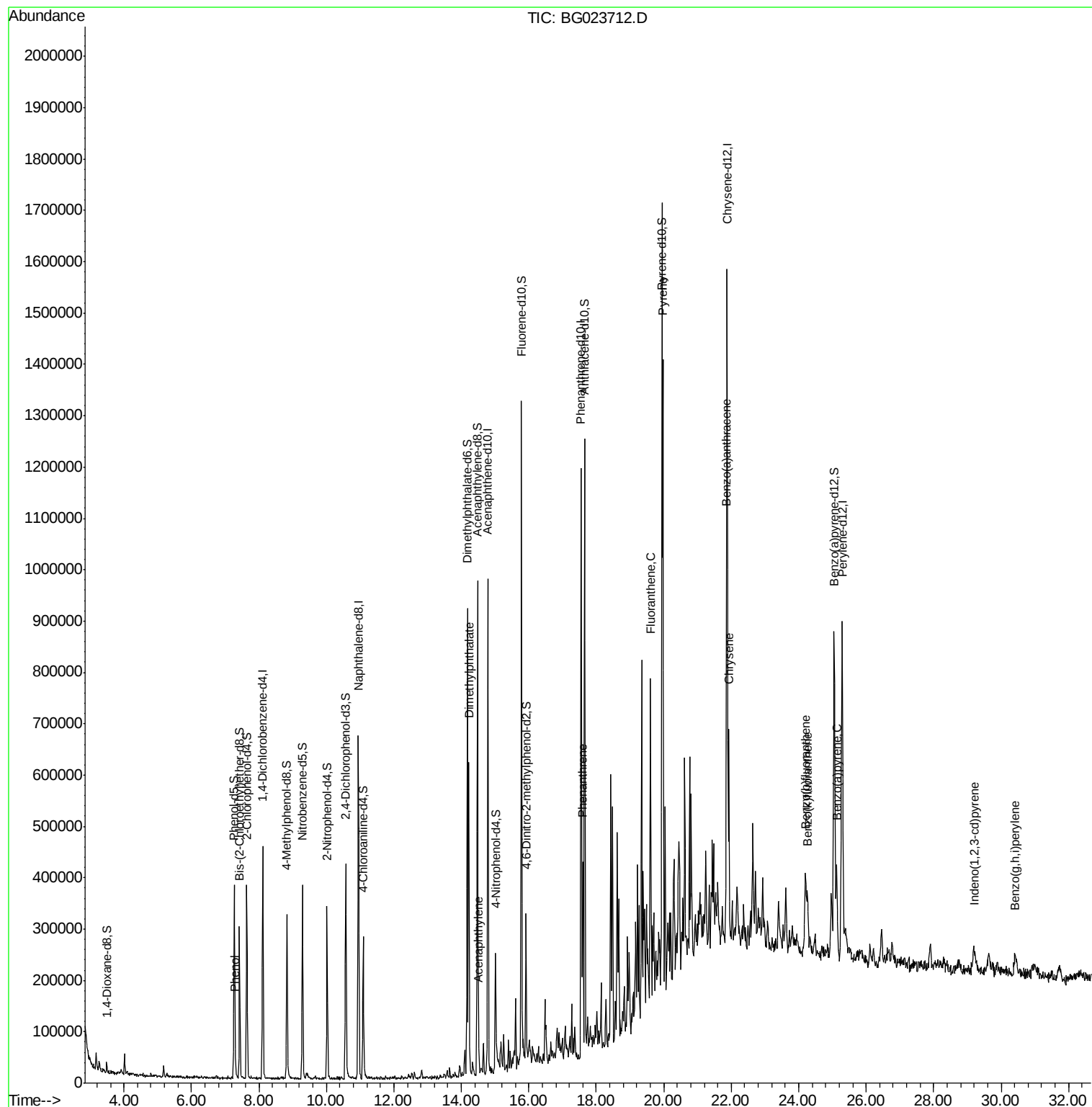
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

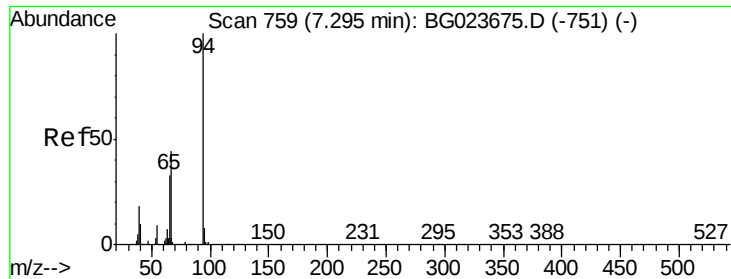
Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

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Quant Time: Aug 15 19:35:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.56 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023712.D

Acq: 14 Aug 2016 6:27

Instrument :

BNA_G

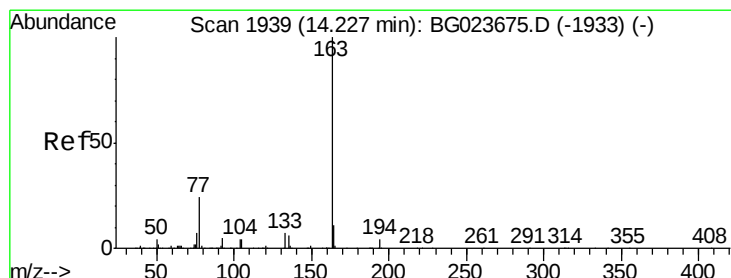
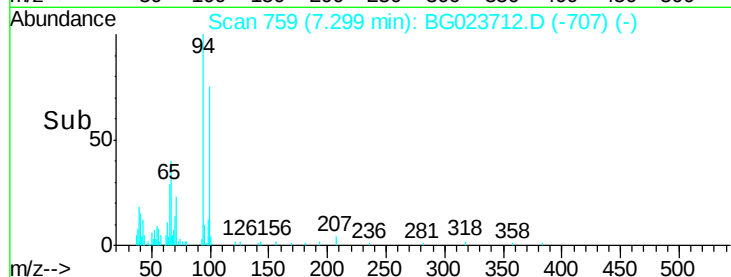
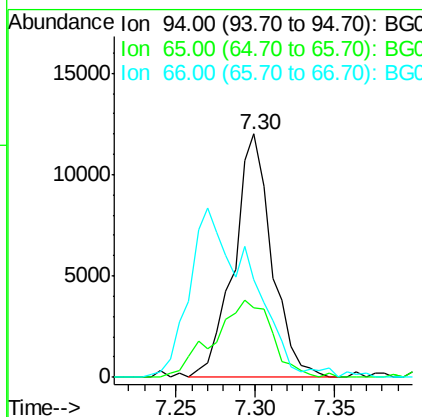
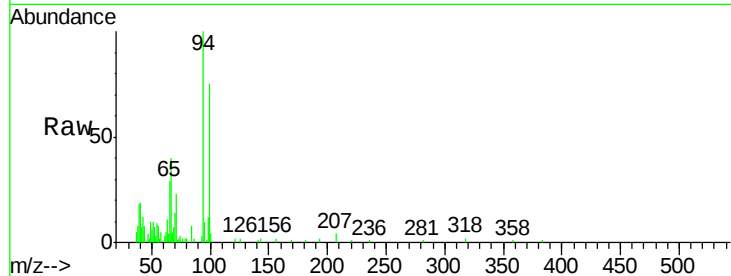
ClientSampleId :

PR002-SS001-3642-01

Tot Ion:	94	Resp:	19931
Ion Ratio	Lower	Upper	
94	100		
65	28.8	16.8	25.2#
66	40.1	22.6	33.8#

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#44

Dimethylphthalate

Concen: 13.94 ng/ul

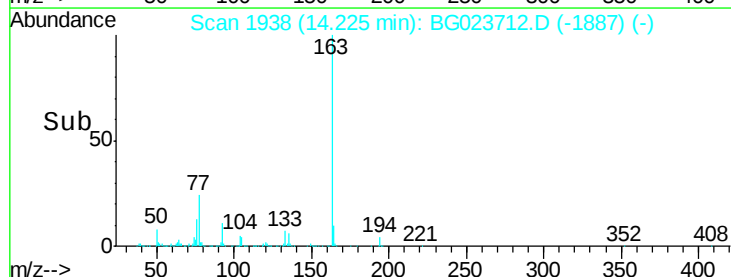
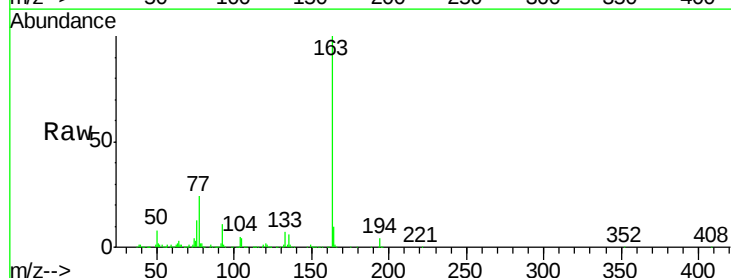
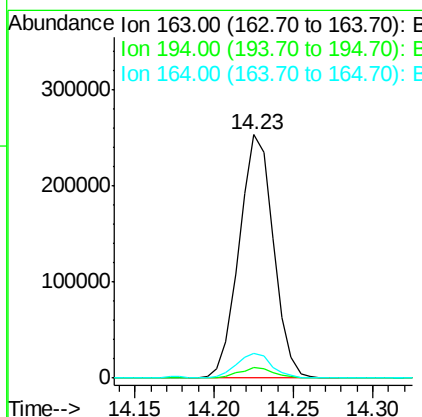
RT: 14.23 min Scan# 1938

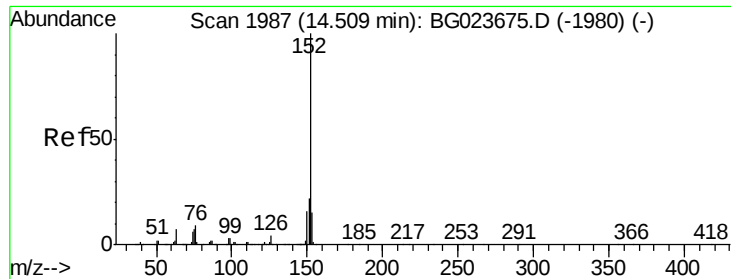
Delta R.T. -0.00 min

Lab File: BG023712.D

Acq: 14 Aug 2016 6:27

Tgt Ion:	163	Resp:	379342
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.0	8.8	13.2





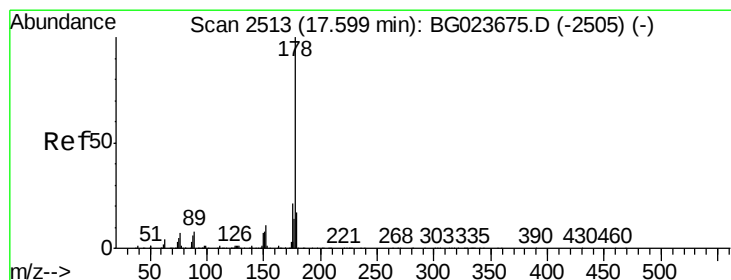
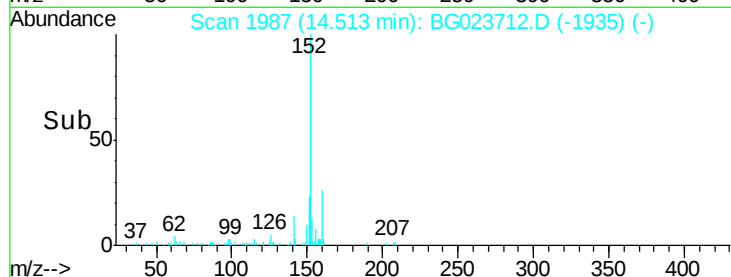
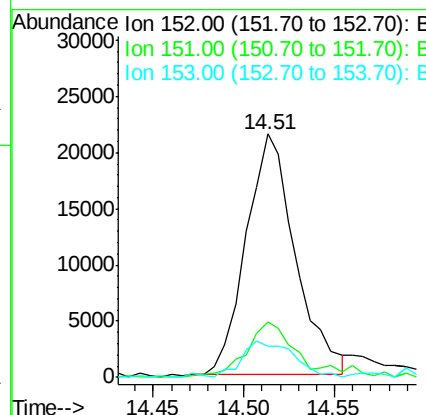
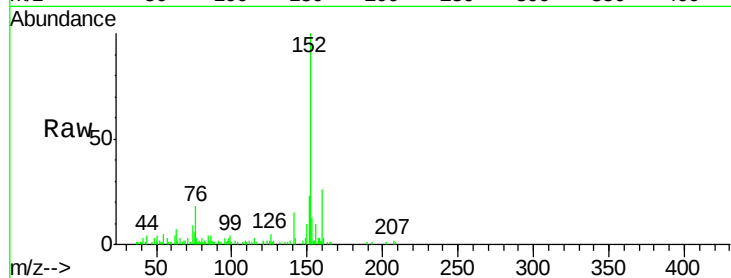
#47
Acenaphthylene
Concen: 1.25 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.5	26.3
153	12.7	11.1	16.7

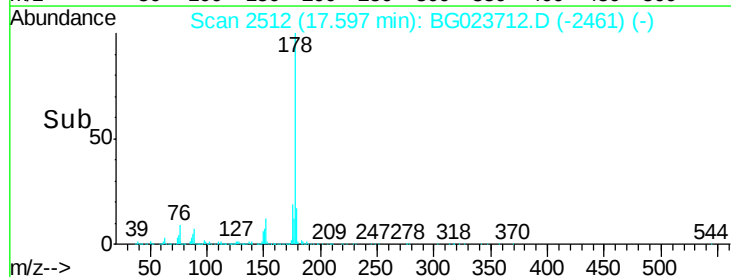
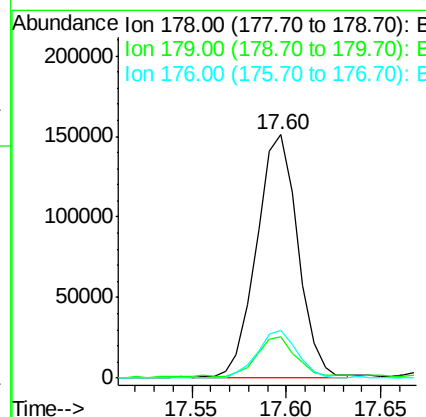
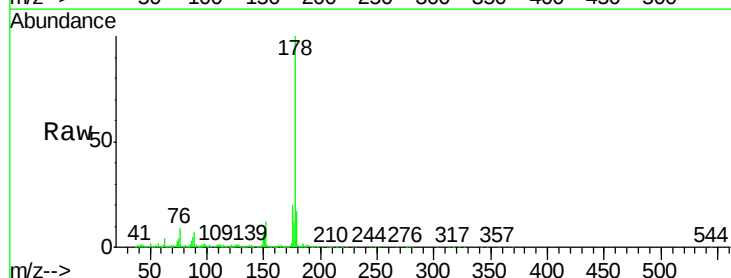
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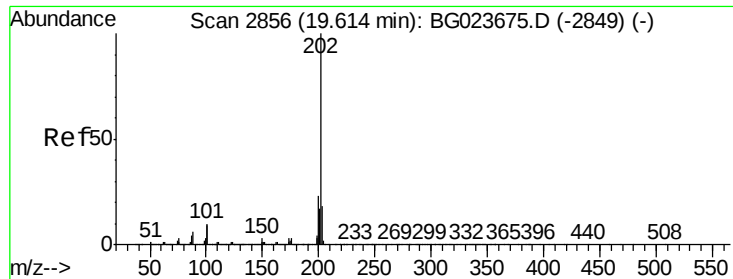
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#69
Phenanthrene
Concen: 6.32 ng/ul m
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.5	15.8	23.8





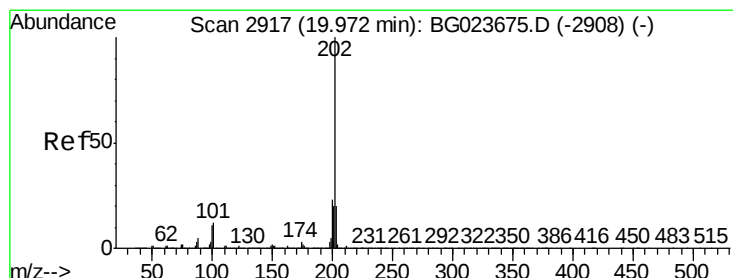
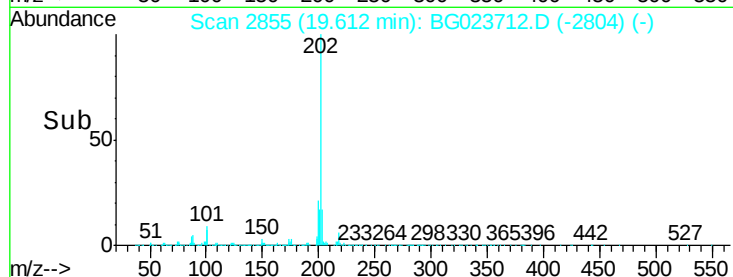
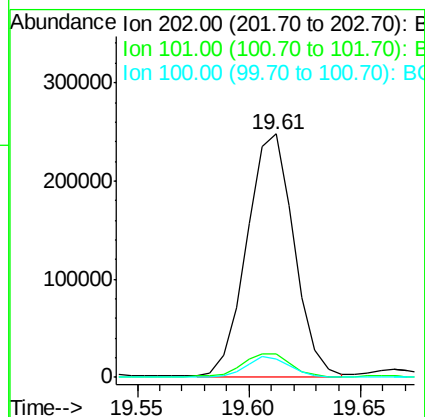
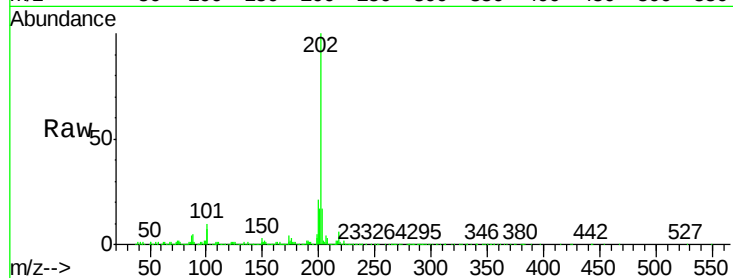
#74
Fluoranthene
Concen: 9.72 ng/ul m
RT: 19.61 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	10.6	16.0#
100	7.4	8.7	13.1#

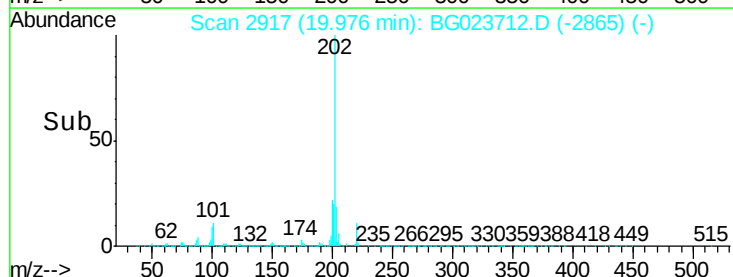
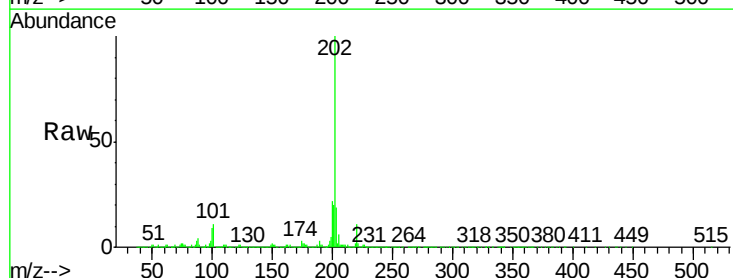
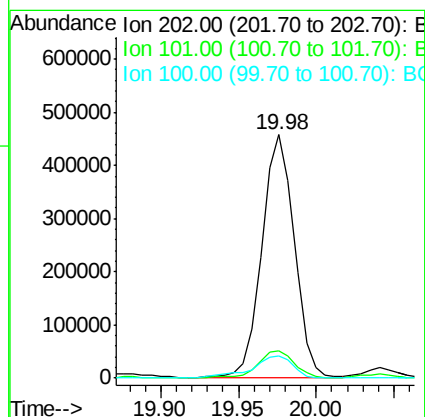
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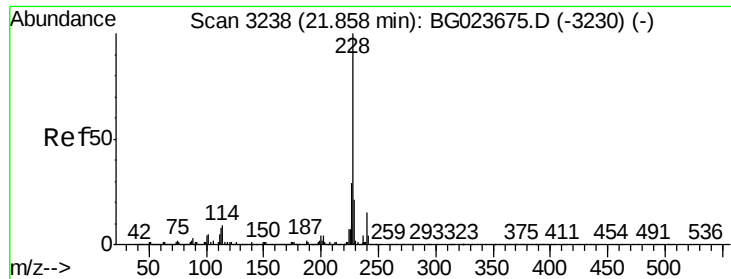
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#77
Pyrene
Concen: 14.28 ng/ul m
RT: 19.98 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	12.5	18.7#
100	8.9	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 6.57 ng/ul m

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG023712.D

Acq: 14 Aug 2016 6:27

Instrument :

BNA_G

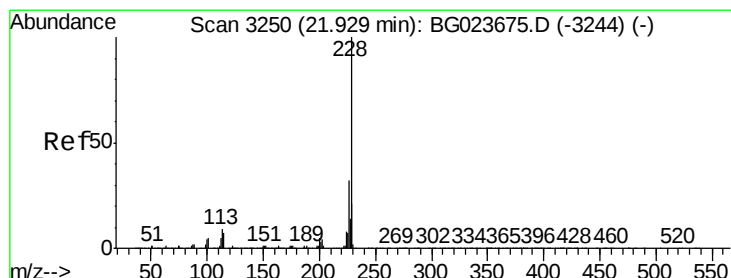
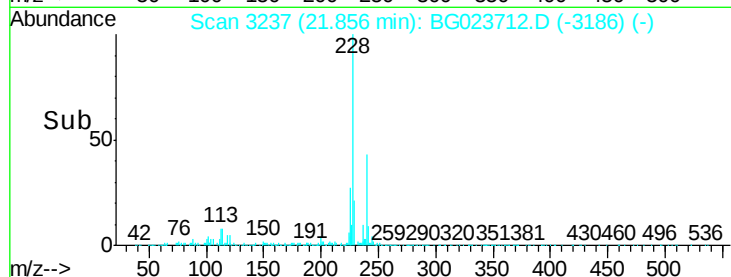
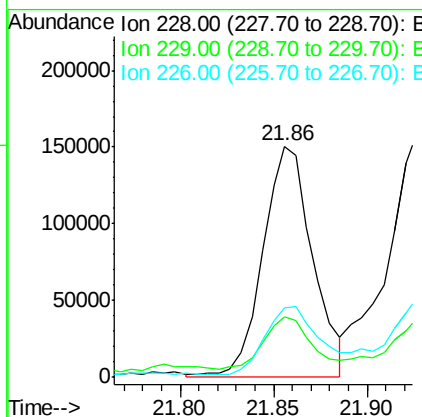
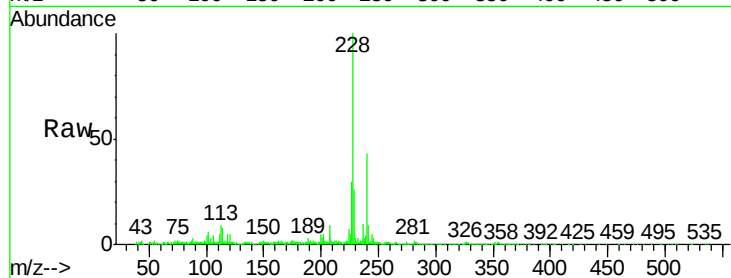
ClientSampleId :

PR002-SS001-3642-01

Tot Ion:	228	Resp:	279816
Ion Ratio		Lower	Upper
228	100		
229	26.3	15.4	23.2#
226	30.2	22.8	34.2

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#82

Chrysene

Concen: 7.87 ng/ul m

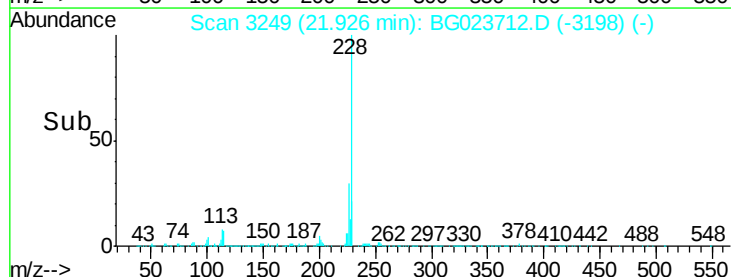
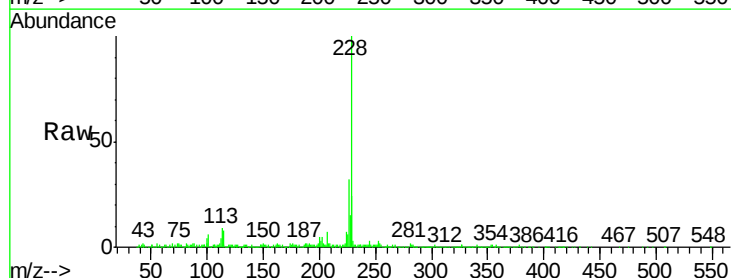
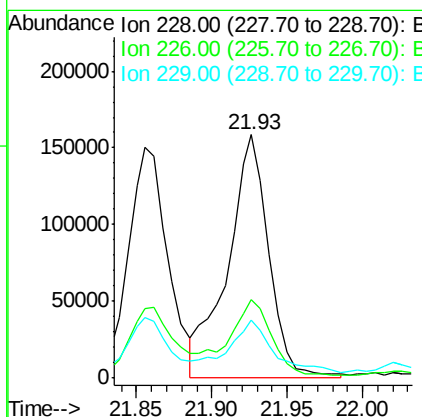
RT: 21.93 min Scan# 3249

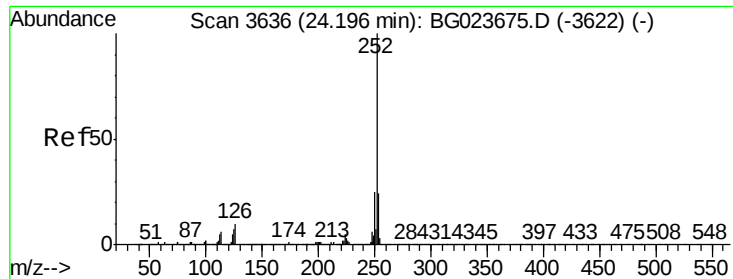
Delta R.T. -0.00 min

Lab File: BG023712.D

Acq: 14 Aug 2016 6:27

Tgt Ion:	228	Resp:	304934
Ion Ratio		Lower	Upper
228	100		
226	32.1	24.2	36.4
229	24.0	15.0	22.6#





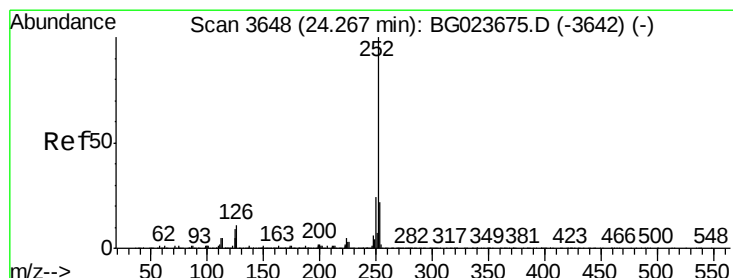
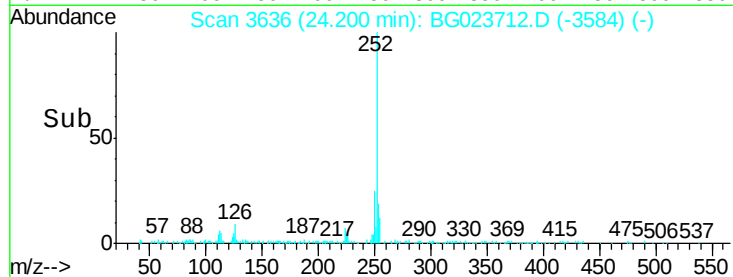
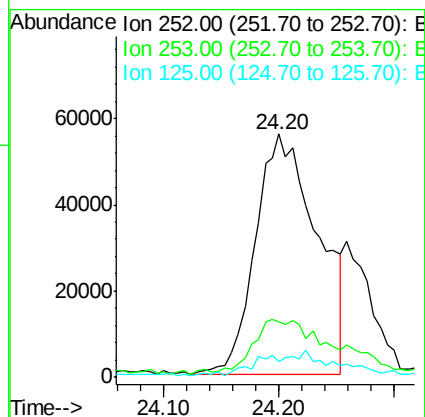
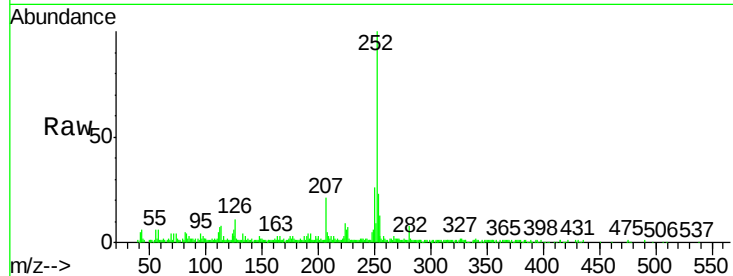
#85
Benzo(b)fluoranthene
Concen: 4.92 ng/ul
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	18.2	27.2
125	6.4	10.8	16.2

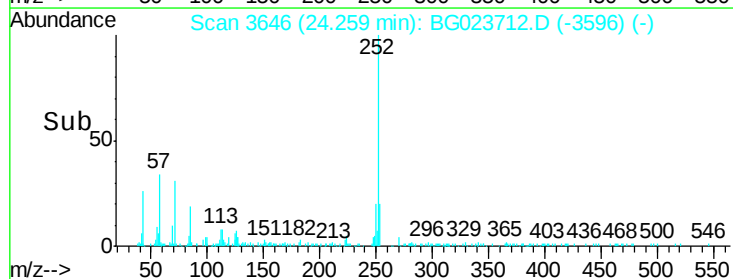
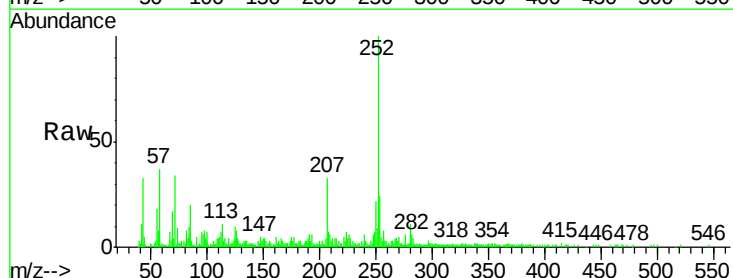
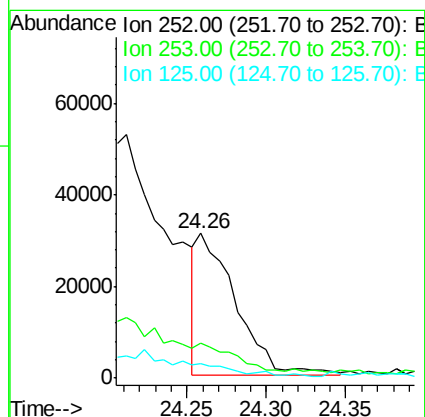
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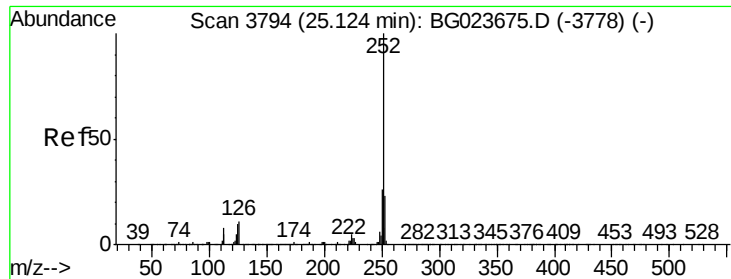
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#86
Benzo(k)fluoranthene
Concen: 1.27 ng/ul m
RT: 24.26 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	15.8	23.6
125	9.9	10.6	16.0





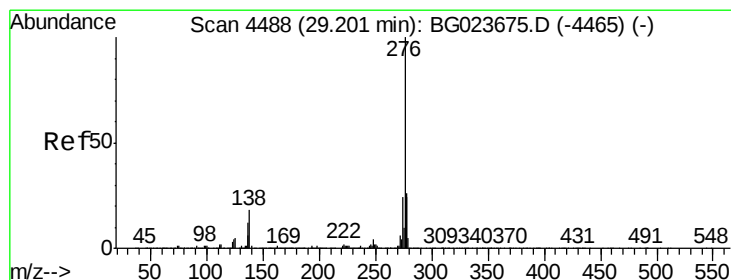
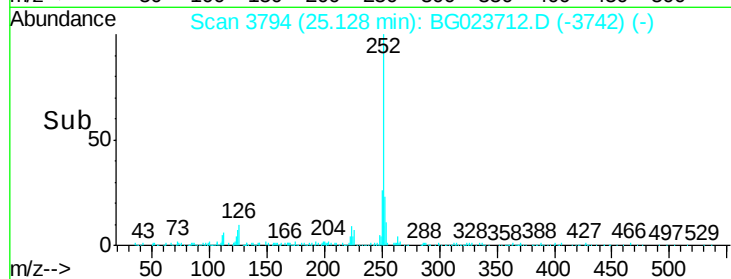
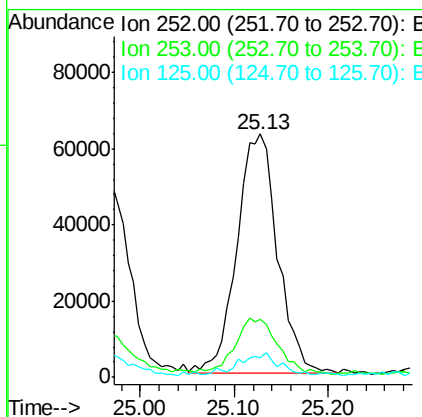
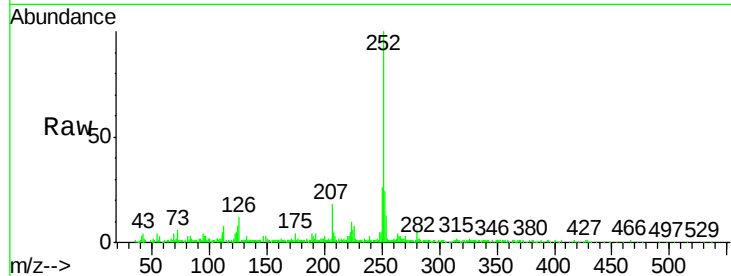
#88
Benzo(a)pyrene
Concen: 4.57 ng/ul
RT: 25.13 min Scan# 3794
Delta R.T. 0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-3642-01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	19.0	28.4
125	8.1	12.0	18.0

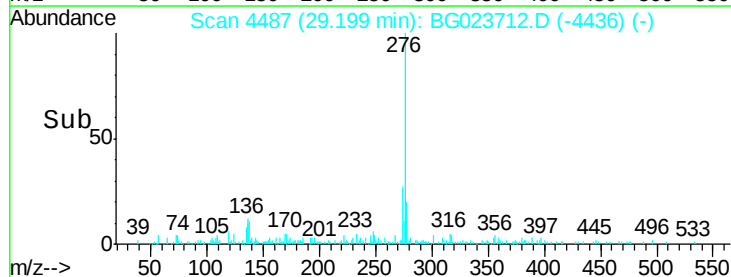
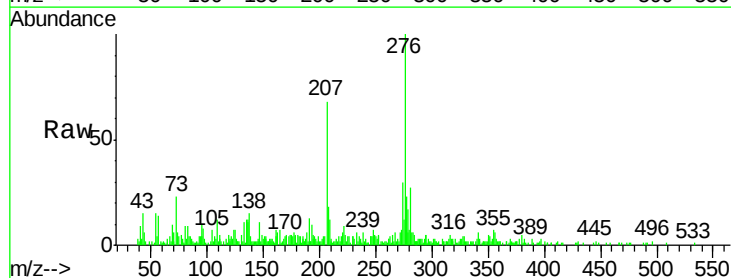
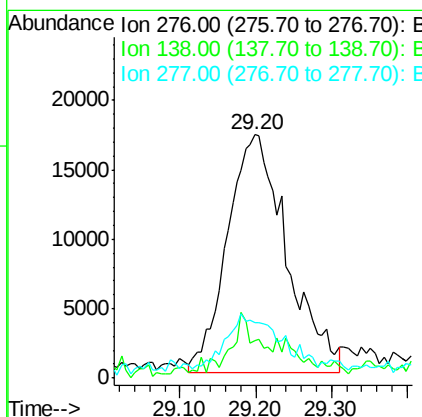
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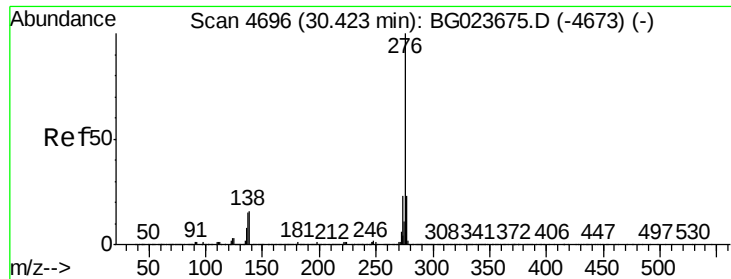
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.95 ng/ul m
RT: 29.20 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG023712.D
Acq: 14 Aug 2016 6:27

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.2	20.8	31.2
277	23.0	17.6	26.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.48 ng/ul m
 RT: 30.41 min Scan# 4694
 Delta R.T. -0.01 min
 Lab File: BG023712.D
 Acq: 14 Aug 2016 6:27

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-3642-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	22.1	33.1#
277	25.8	17.0	25.4#

Manual Integrations
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