

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023669.D
 Acq On : 12 Aug 2016 23:29
 Operator : UM/SJ
 Sample : H4385-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-0612-01

Manual Integrations
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Quant Time: Aug 13 04:57:43 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 03:19:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	116448	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	566698	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	382752	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	863802	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	859319	20.00	ng/ul	-0.02
83) Perylene-d12	25.28	264	867365	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8799	3.21	ng/uL	0.00
5) Phenol-d5	7.27	99	232690	19.84	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	155563	20.70	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	164686	20.58	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	174186	19.02	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	91431	20.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	108210	21.09	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	194232	20.07	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	235619	20.75	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	654677	20.89	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	781475	22.16	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	94237	17.61	ng/ul	-0.01
57) Fluorene-d10	15.79	176	597058	20.62	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	89956	16.23	ng/ul	-0.02
70) Anthracene-d10	17.65	188	852157	21.90	ng/ul	-0.01
76) Pyrene-d10	19.94	212	904634	20.80	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.04	264	851972	21.70	ng/ul	-0.05

Target Compounds

					Qvalue
44) Dimethylphthalate	14.23	163	407506	13.13 ng/ul	99
69) Phenanthrene	17.59	178	239923	5.36 ng/ul	97
74) Fluoranthene	19.61	202	419882	9.17 ng/ul#	93
77) Pyrene	19.97	202	499587	9.40 ng/ul	94
80) Benzo(a)anthracene	21.85	228	228957	4.73 ng/ul	96
82) Chrysene	21.92	228	241498	5.49 ng/ul	98
85) Benzo(b)fluoranthene	24.19	252	243049	4.93 ng/ul#	91
86) Benzo(k)fluoranthene	24.26	252	106127m	2.19 ng/ul	
88) Benzo(a)pyrene	25.11	252	210520m	4.42 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.16	276	131070m	2.34 ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	120958m	2.61 ng/ul	

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

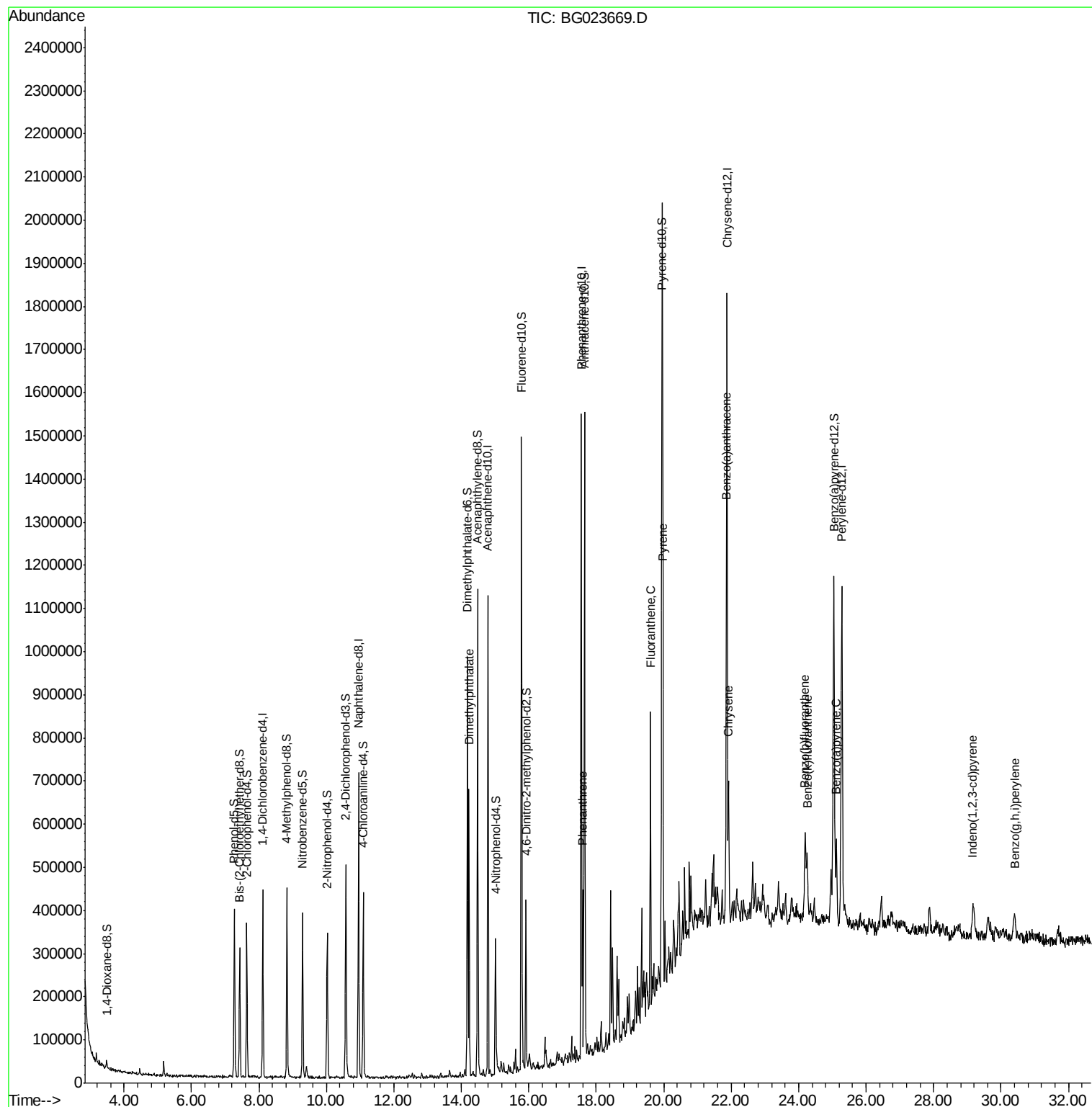
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023669.D
Acq On : 12 Aug 2016 23:29
Operator : UM/SJ
Sample : H4385-15
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ALS Vial : 23 Sample Multiplier: 1

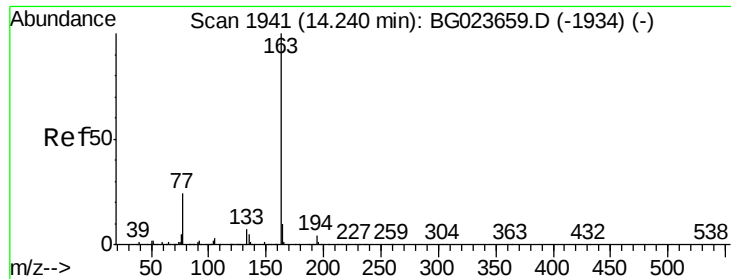
Instrument :
BNA_G
ClientSampleId :
P002-SS004-0612-01

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Quant Title : SVOA CALIBRATION
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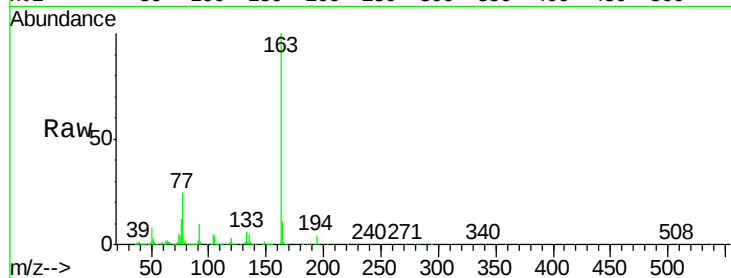
#44
Dimethylphthalate
Concen: 13.13 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023669.D
Acq: 12 Aug 2016 23:29

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0612-01

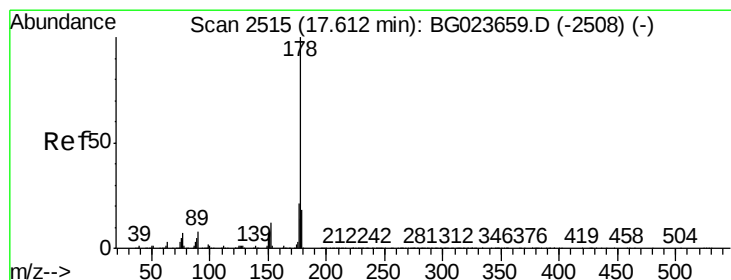
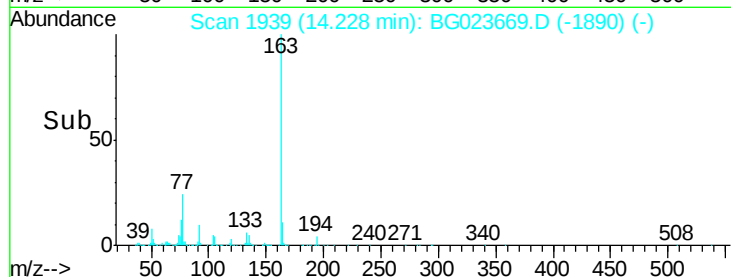
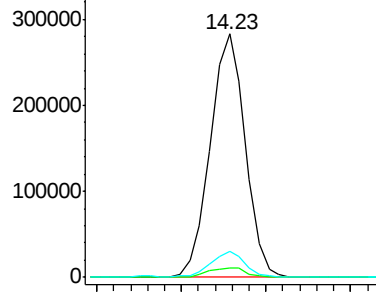
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	3.4	5.2
164	10.5	8.8	13.2

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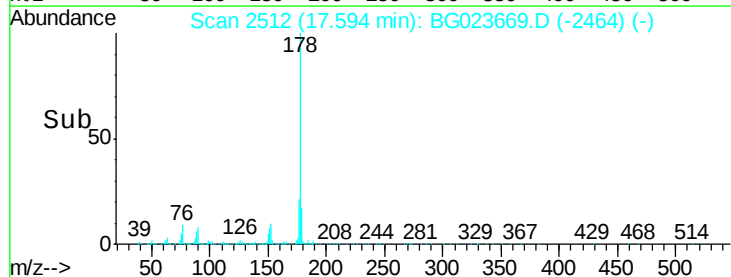
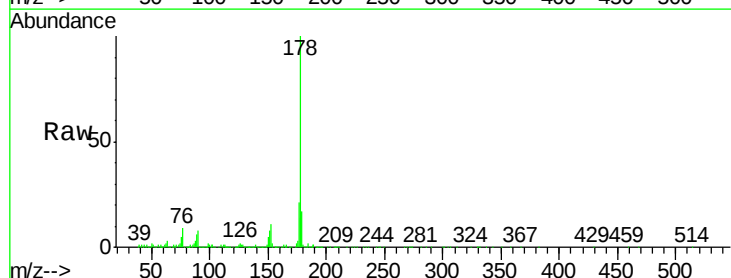
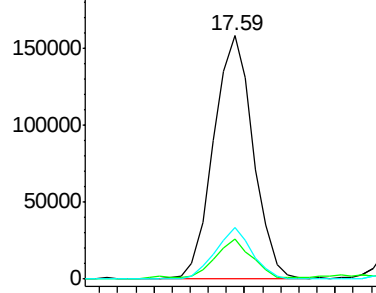
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

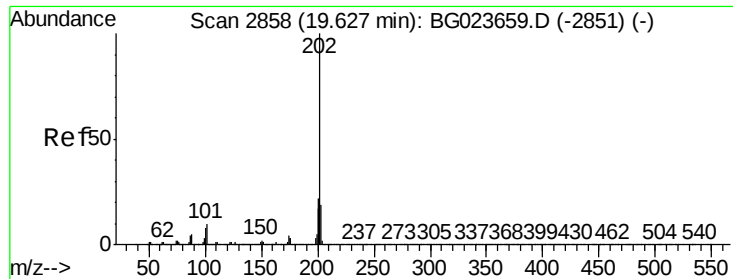


#69
Phenanthrene
Concen: 5.36 ng/ul
RT: 17.59 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BG023669.D
Acq: 12 Aug 2016 23:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.7	12.9	19.3
176	21.4	15.8	23.8

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: 9.17 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG023669.D

Acq: 12 Aug 2016 23:29

Instrument :

BNA_G

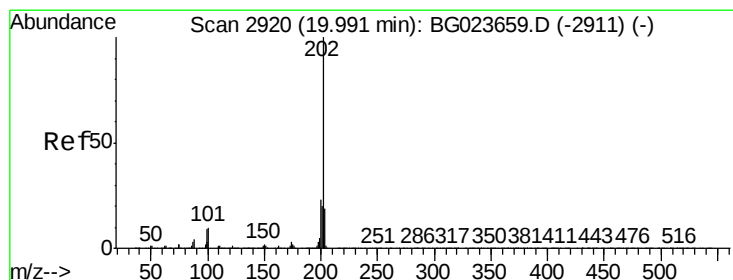
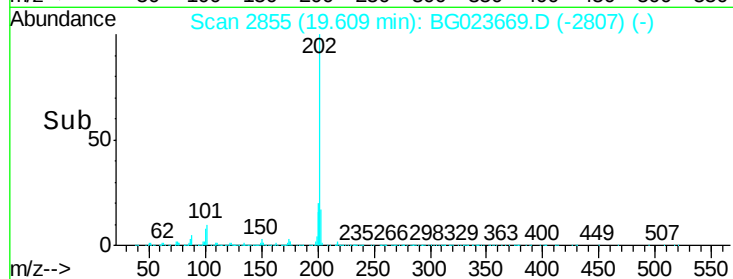
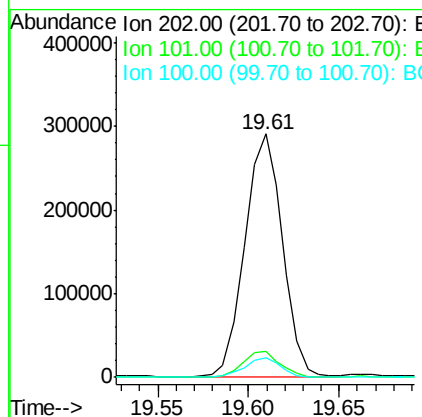
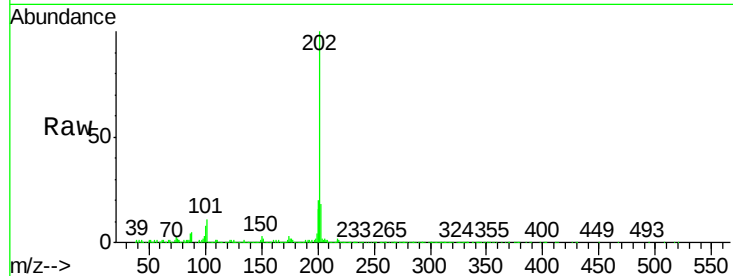
ClientSampleId :

P002-SS004-0612-01

Tgt Ion:	202	Resp:	419882
Ion Ratio	Lower	Upper	
202	100		
101	10.7	10.6	16.0
100	8.0	8.7	13.1#

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#77

Pyrene

Concen: 9.40 ng/ul

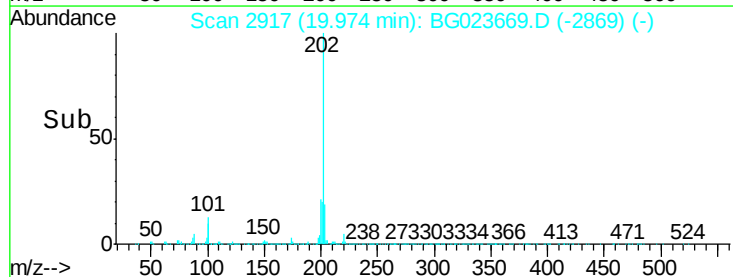
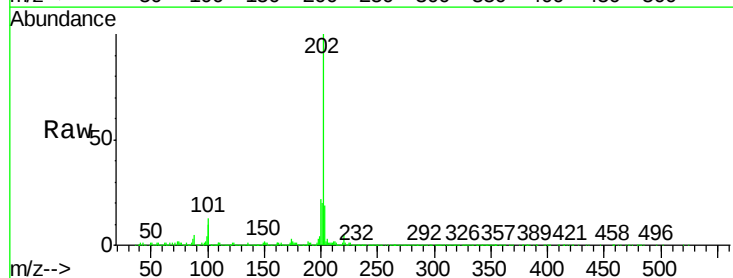
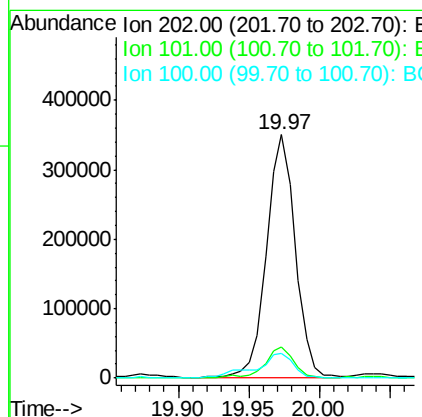
RT: 19.97 min Scan# 2917

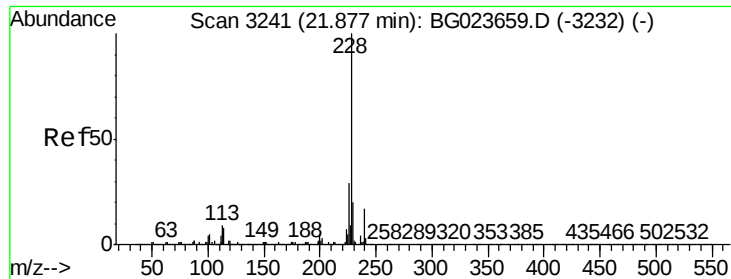
Delta R.T. -0.02 min

Lab File: BG023669.D

Acq: 12 Aug 2016 23:29

Tgt Ion:	202	Resp:	499587
Ion Ratio	Lower	Upper	
202	100		
101	12.8	12.5	18.7
100	10.3	10.2	15.4





#80

Benzo(a)anthracene

Concen: 4.73 ng/ul

RT: 21.85 min Scan# 3237

Delta R.T. -0.02 min

Lab File: BG023669.D

Acq: 12 Aug 2016 23:29

Instrument :

BNA_G

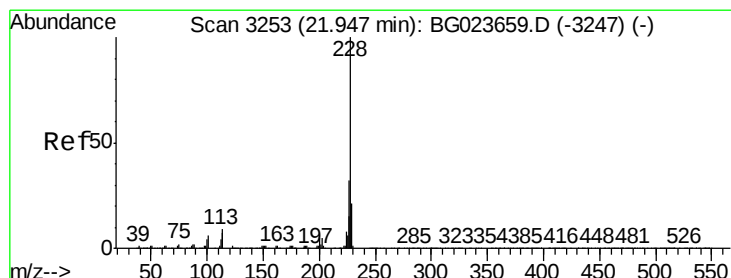
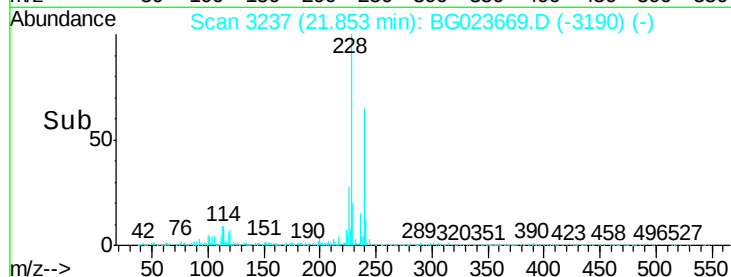
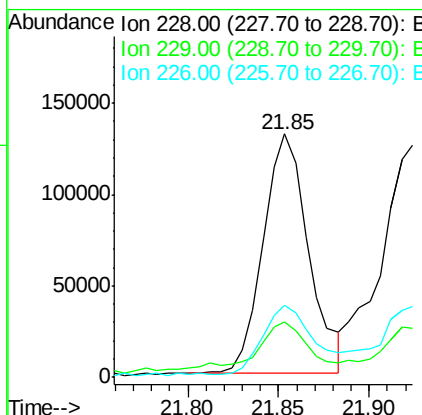
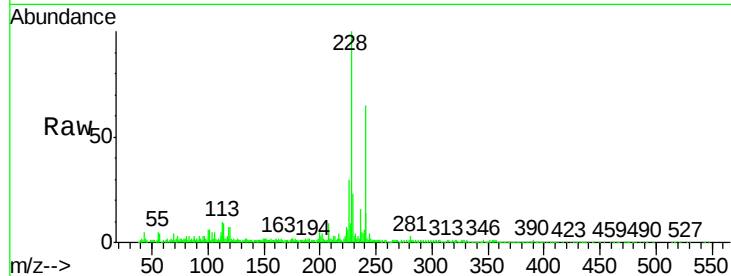
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	228957		
229	22.8	15.4	23.2	
226	29.6	22.8	34.2	

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#82

Chrysene

Concen: 5.49 ng/ul

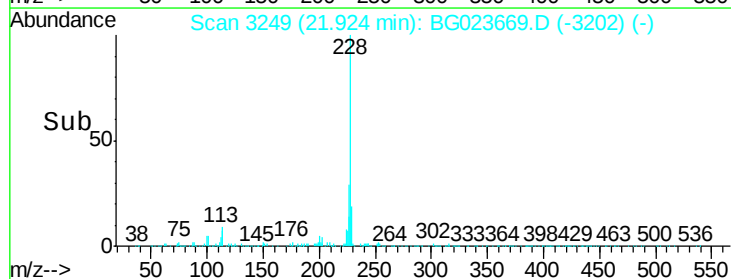
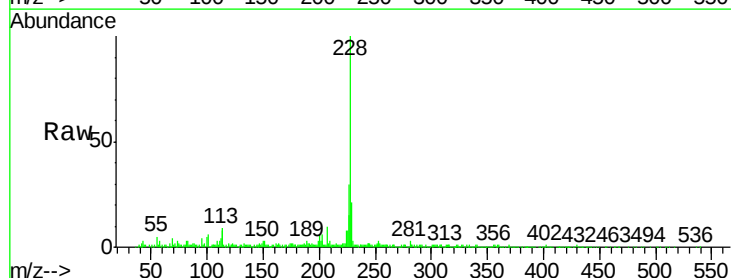
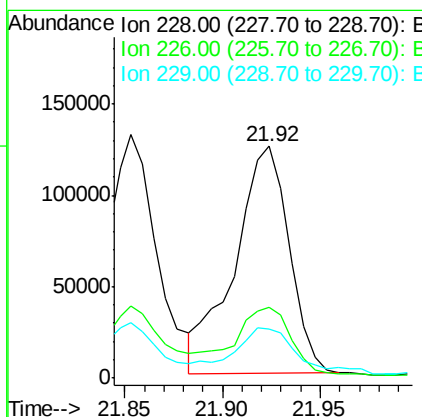
RT: 21.92 min Scan# 3249

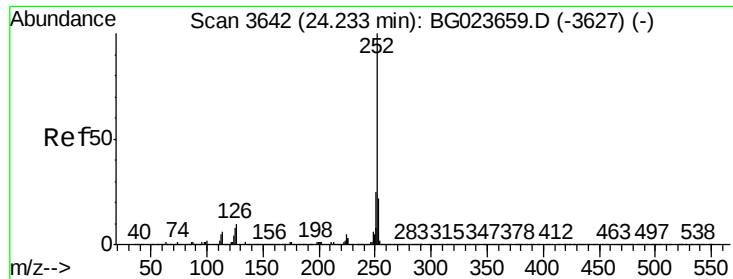
Delta R.T. -0.02 min

Lab File: BG023669.D

Acq: 12 Aug 2016 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	241498		
226	30.4	24.2	36.4	
229	21.0	15.0	22.6	





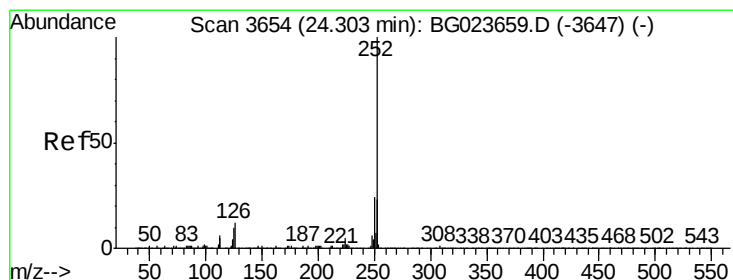
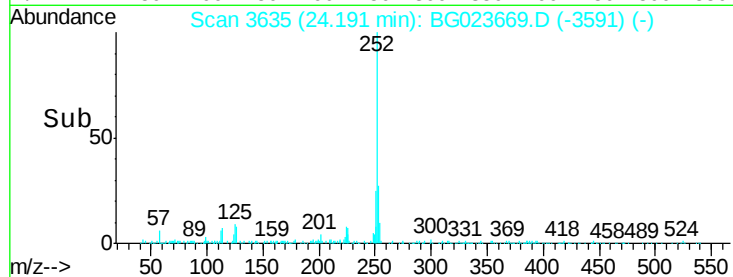
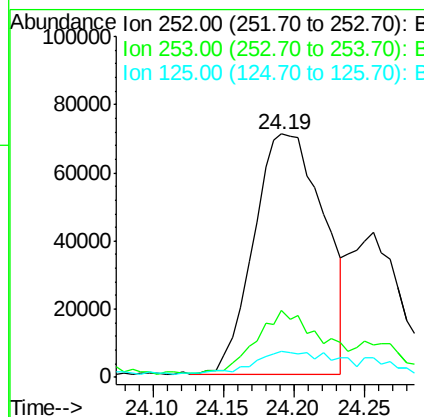
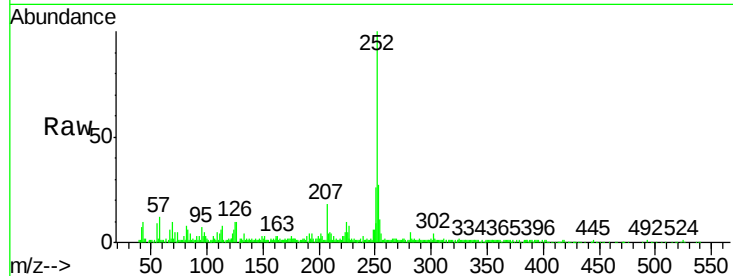
#85
Benzo(b)fluoranthene
Concen: 4.93 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. -0.04 min
Lab File: BG023669.D
Acq: 12 Aug 2016 23:29

Instrument :
BNA_G
ClientSampleId :
P002-SS004-0612-01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.4	18.2	27.2#
125	10.4	10.8	16.2#

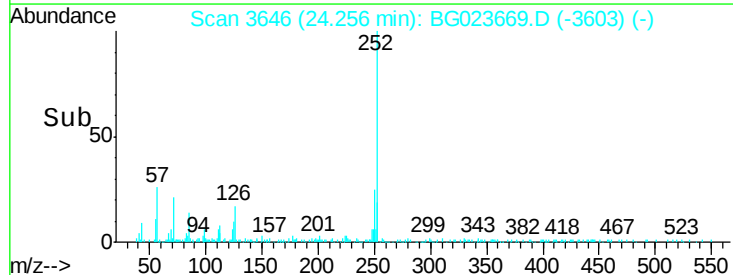
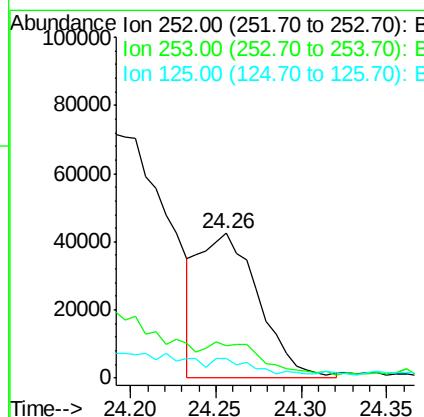
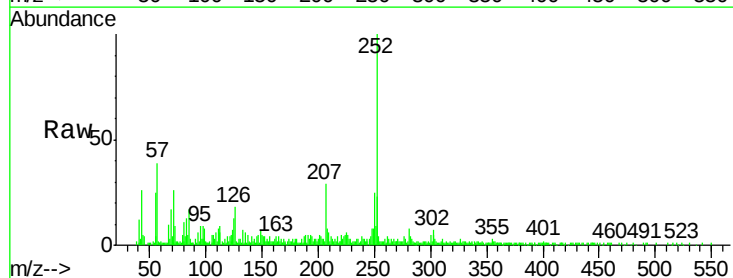
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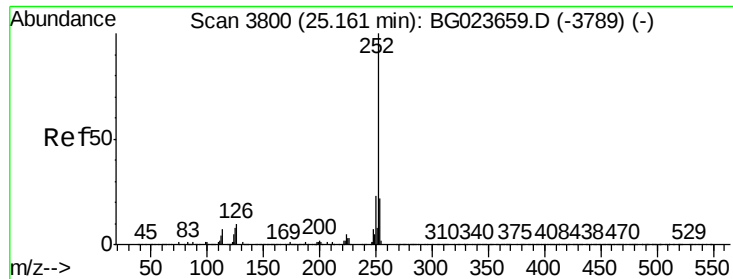
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#86
Benzo(k)fluoranthene
Concen: 2.19 ng/ul m
RT: 24.26 min Scan# 3646
Delta R.T. -0.05 min
Lab File: BG023669.D
Acq: 12 Aug 2016 23:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	15.8	23.6
125	13.5	10.6	16.0





#88

Benzo(a)pyrene

Concen: 4.42 ng/ul m

RT: 25.11 min Scan# 3792

Delta R.T. -0.05 min

Lab File: BG023669.D

Acq: 12 Aug 2016 23:29

Instrument :

BNA_G

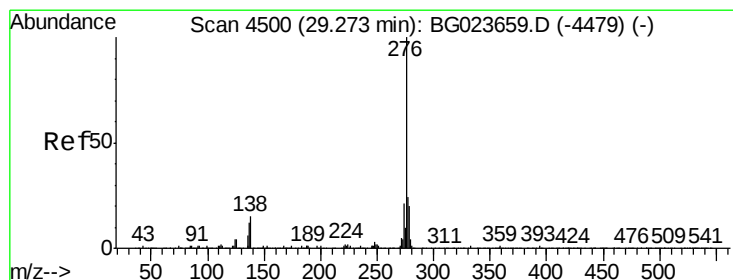
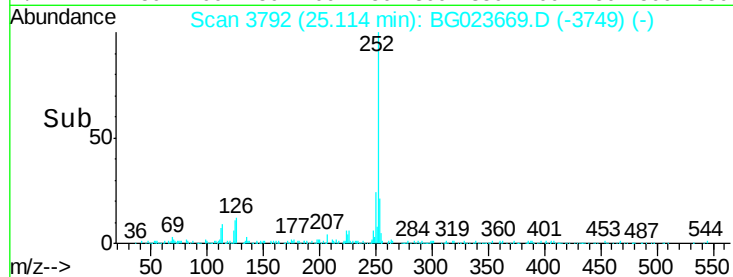
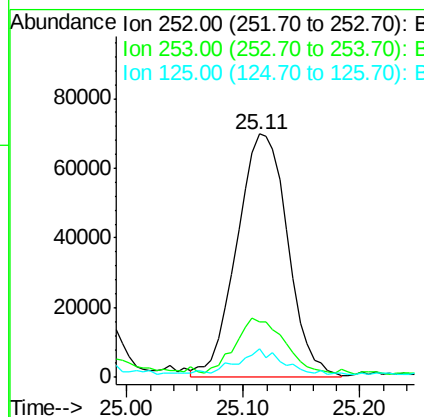
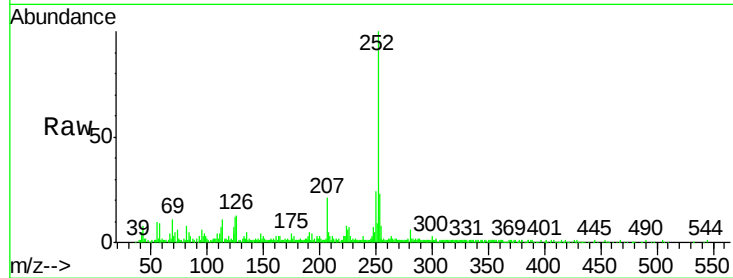
ClientSampleId :

P002-SS004-0612-01

Tgt Ion:	252	Resp:	210520
Ion Ratio		Lower	Upper
252	100		
253	23.0	19.0	28.4
125	11.6	12.0	18.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.34 ng/ul m

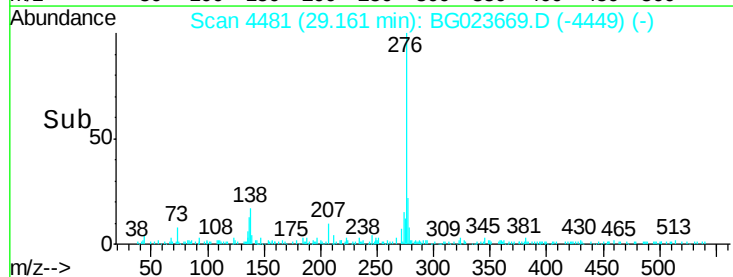
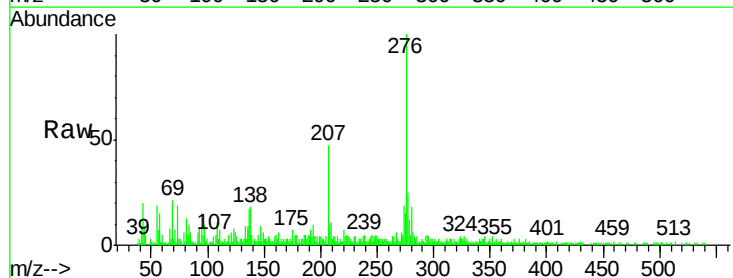
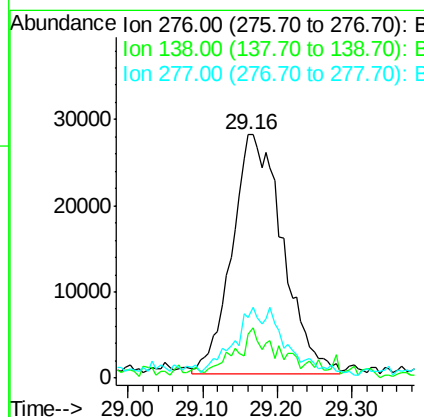
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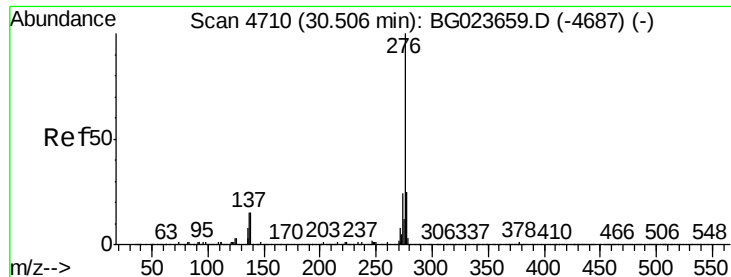
Delta R.T. -0.11 min

Lab File: BG023669.D

Acq: 12 Aug 2016 23:29

Tgt Ion:	276	Resp:	131070
Ion Ratio		Lower	Upper
276	100		
138	18.0	20.8	31.2#
277	24.7	17.6	26.4





#91

Benzo(g,h,i)perylene

Concen: 2.61 ng/ul m

RT: 30.41 min Scan# 4693

Delta R.T. -0.10 min

Lab File: BG023669.D

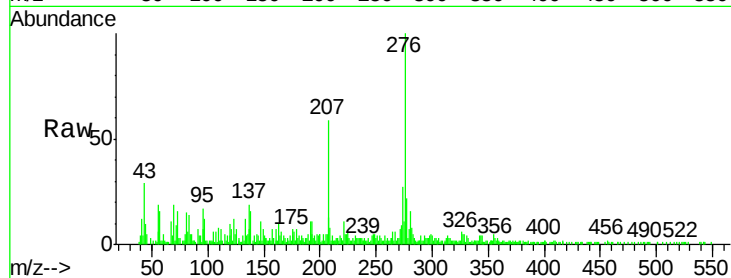
Acq: 12 Aug 2016 23:29

Instrument :

BNA_G

ClientSampleId :

P002-SS004-0612-01



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	16.3	22.1	33.1#	
277	21.7	17.0	25.4	

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