

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023661.D
 Acq On : 12 Aug 2016 18:25
 Operator : UM/SJ
 Sample : H4384-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS001-0612-02

Manual Integrations
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Quant Time: Aug 13 04:14:23 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	8.12	152	115786	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.95	136	543780	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.79	164	395434	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.56	188	933627	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	919074	20.00	ng/ul	-0.01
83) Perylene-d12	25.30	264	943858	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	6666	2.45	ng/uL	0.00
5) Phenol-d5	7.28	99	159628	13.69	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	102705	13.74	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.65	132	110509	13.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	133255	14.63	ng/ul	-0.01
19) Nitrobenzene-d5	9.30	128	65375	15.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	73083	14.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	140736	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	148978	13.68	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	527794	16.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	603227	16.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	84092m	15.21	ng/ul	0.00
57) Fluorene-d10	15.79	176	484086	16.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	79538	13.28	ng/ul	0.00
70) Anthracene-d10	17.66	188	729787	17.35	ng/ul	0.00
76) Pyrene-d10	19.95	212	764489	16.43	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	738648	17.29	ng/ul	-0.03

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	301068	9.39	ng/ul	98
47) Acenaphthylene	14.52	152	58077	1.52	ng/ul	95
69) Phenanthrene	17.60	178	423811	8.77	ng/ul	99
71) Anthracene	17.69	178	64994	1.32	ng/ul	98
74) Fluoranthene	19.61	202	677784m	13.69	ng/ul	
77) Pyrene	19.98	202	871967	15.35	ng/ul#	90
80) Benzo(a)anthracene	21.86	228	413452	7.99	ng/ul	96
82) Chrysene	21.93	228	436778	9.28	ng/ul	94
85) Benzo(b)fluoranthene	24.21	252	393775	7.33	ng/ul#	89
86) Benzo(k)fluoranthene	24.26	252	164297m	3.11	ng/ul	
88) Benzo(a)pyrene	25.13	252	367422m	7.09	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.21	276	218859	3.59	ng/ul#	87
91) Benzo(g,h,i)perylene	30.43	276	202261	4.01	ng/ul#	81

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

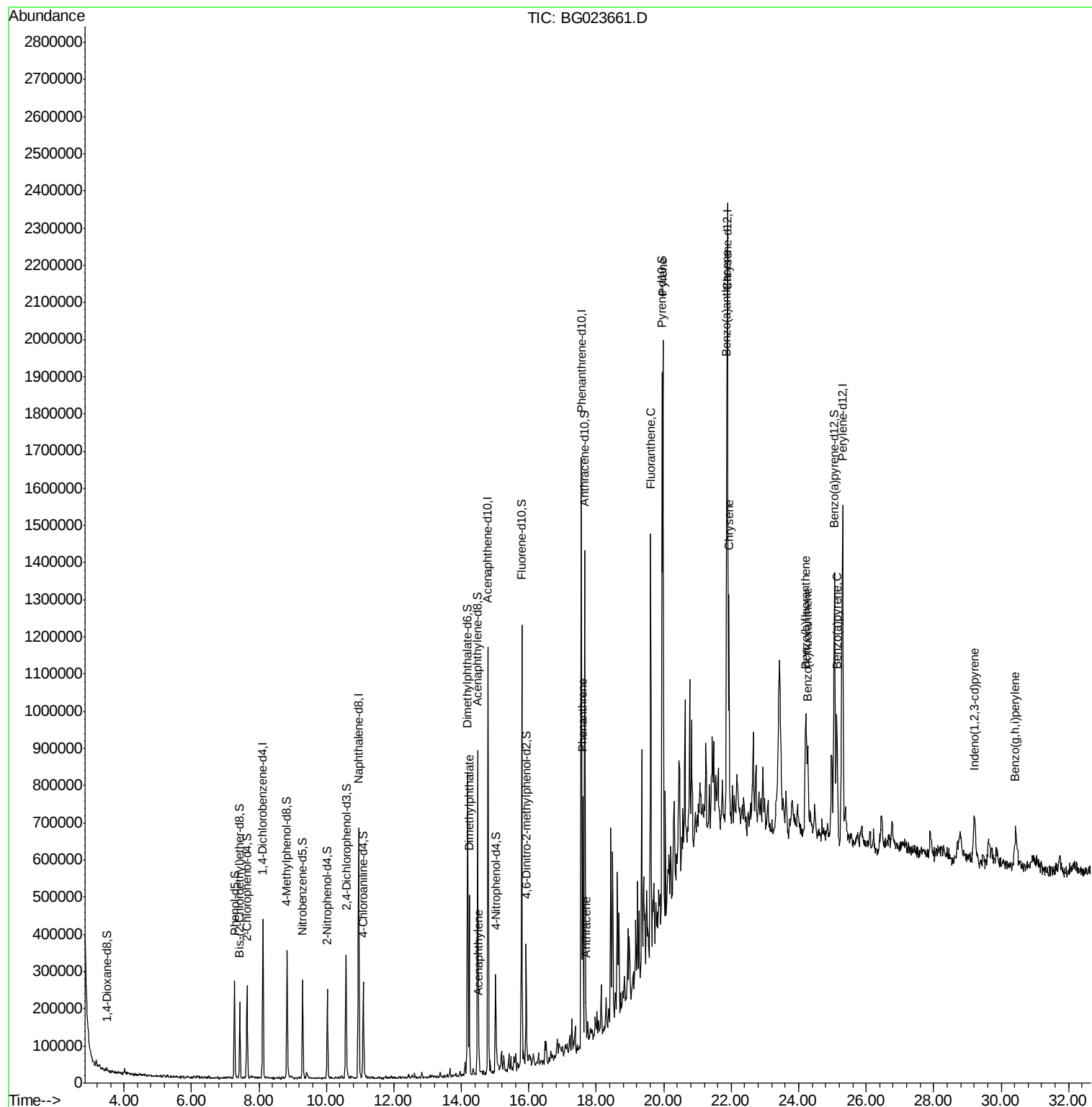
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023661.D
Acq On : 12 Aug 2016 18:25
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ALS Vial : 15 Sample Multiplier: 1

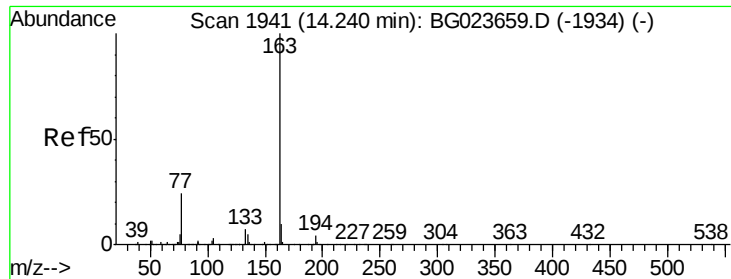
Instrument :
BNA_G
ClientSampleId :
P002-SS001-0612-02

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Quant Title : SVOA CALIBRATION
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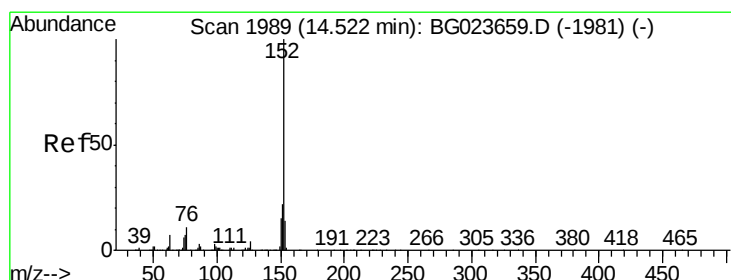
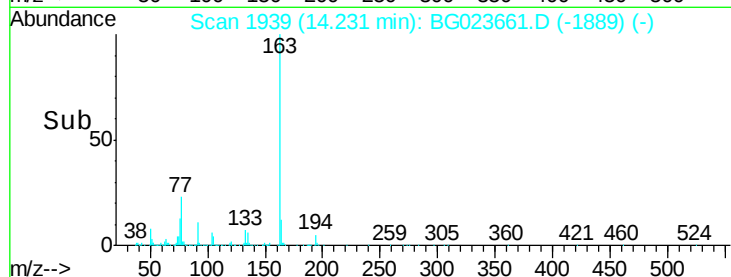
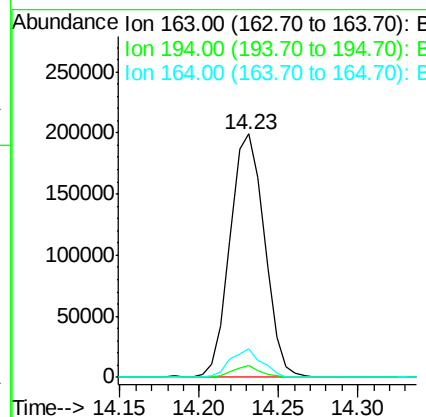
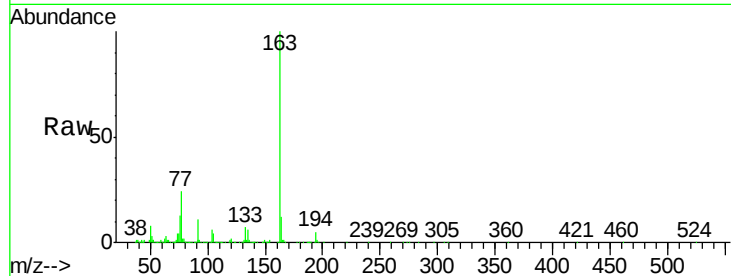
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Dimethylphthalate
Concen: 9.39 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023661.D
Acq: 12 Aug 2016 18:25

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0612-02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	301068		
194	4.8	3.4	5.2	
164	12.0	8.8	13.2	

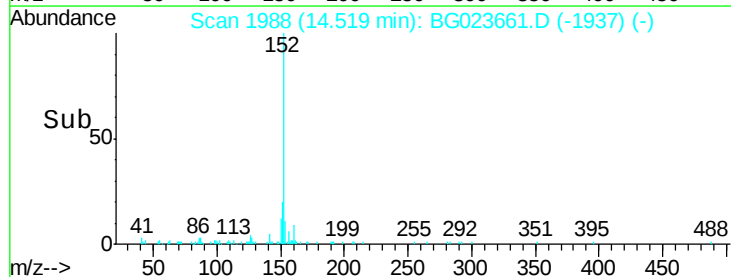
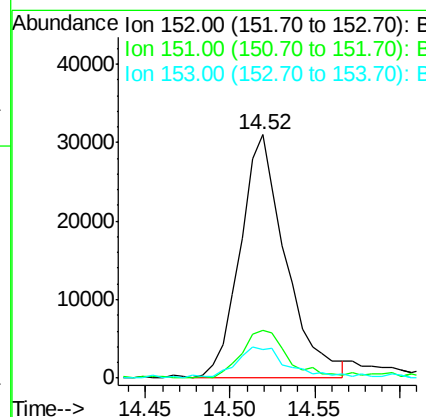
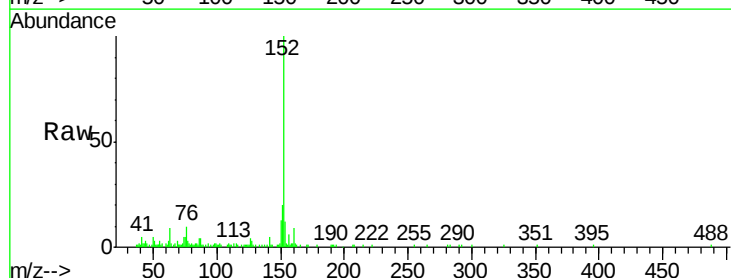
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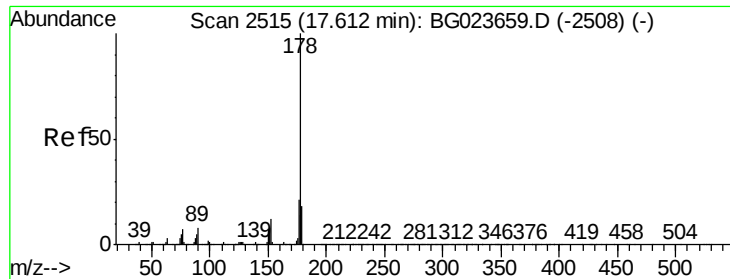
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#47
Acenaphthylene
Concen: 1.52 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG023661.D
Acq: 12 Aug 2016 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	58077		
151	19.6	17.5	26.3	
153	11.5	11.1	16.7	





#69

Phenanthrene

Concen: 8.77 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG023661.D

Acq: 12 Aug 2016 18:25

Instrument :

BNA_G

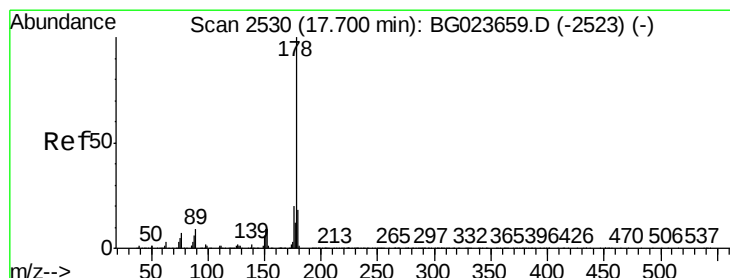
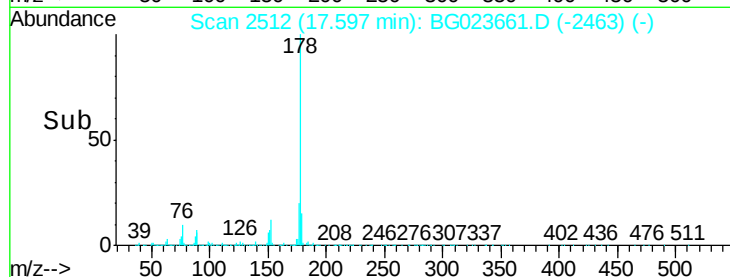
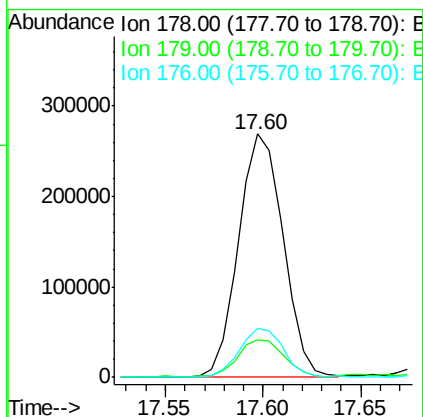
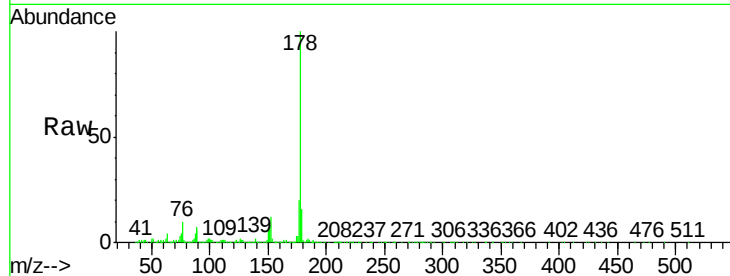
ClientSampleId :

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Tgt Ion:	178	Resp:	423811
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.9	19.3
176	20.3	15.8	23.8

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#71

Anthracene

Concen: 1.32 ng/ul

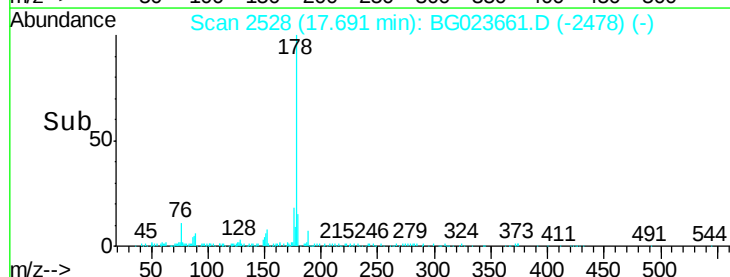
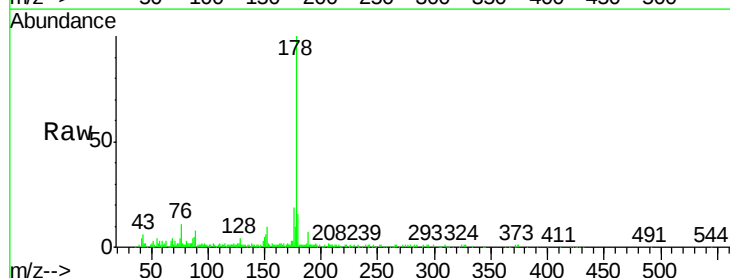
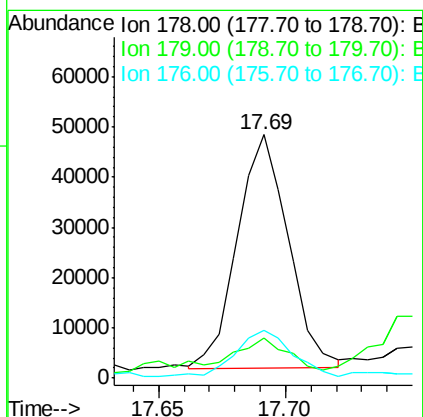
RT: 17.69 min Scan# 2528

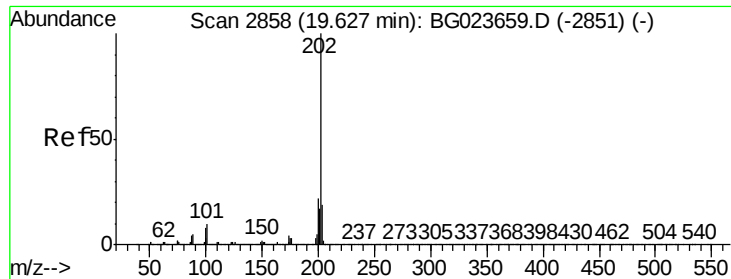
Delta R.T. -0.01 min

Lab File: BG023661.D

Acq: 12 Aug 2016 18:25

Tgt Ion:	178	Resp:	64994
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.3	18.5
176	19.4	16.3	24.5





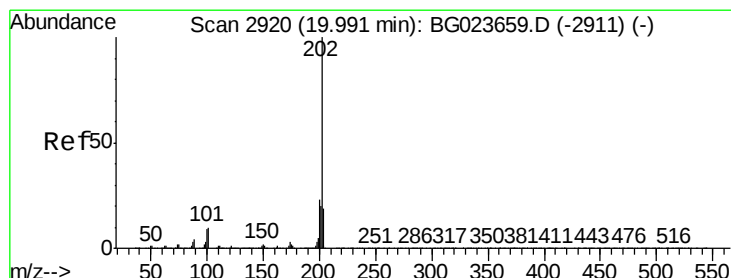
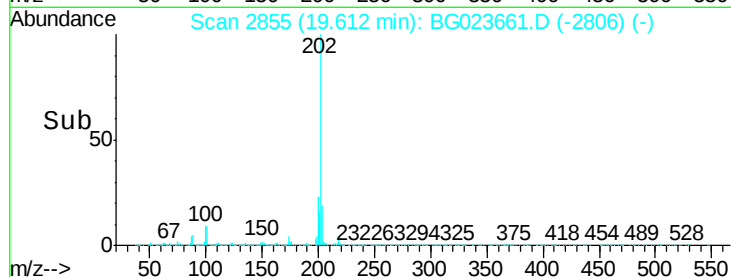
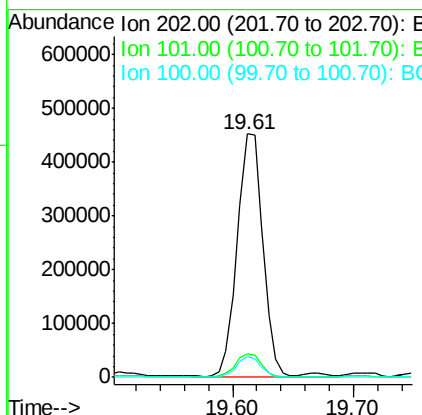
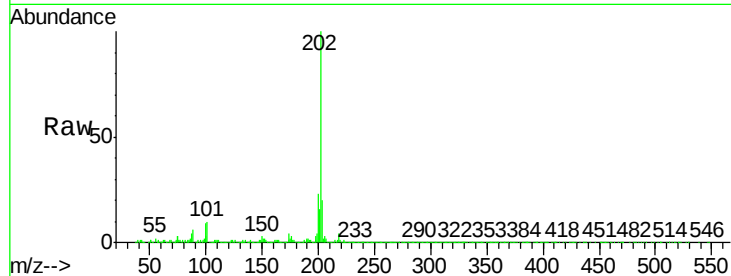
#74
Fluoranthene
Concen: 13.69 ng/ul m
RT: 19.61 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG023661.D
Acq: 12 Aug 2016 18:25

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0612-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	10.6	16.0#
100	8.8	8.7	13.1

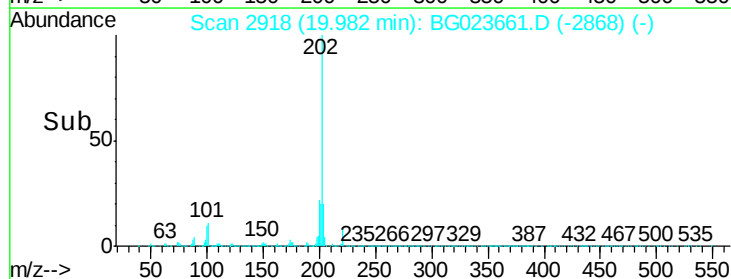
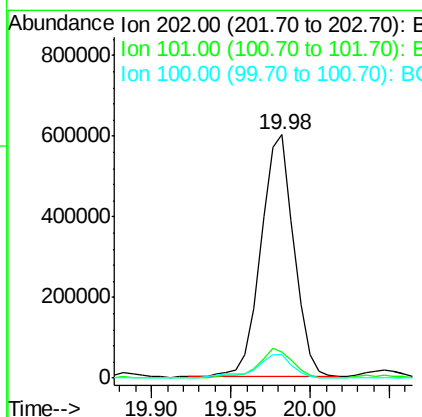
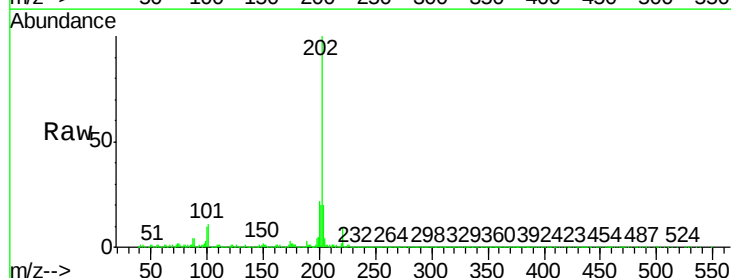
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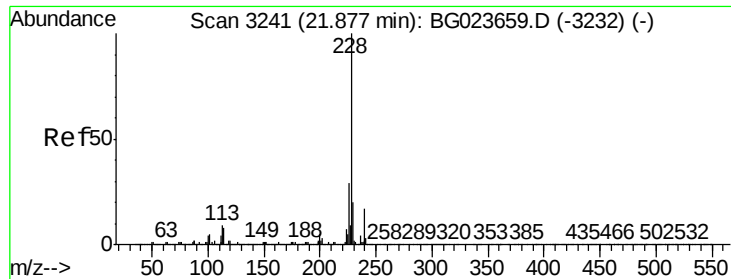
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#77
Pyrene
Concen: 15.35 ng/ul
RT: 19.98 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG023661.D
Acq: 12 Aug 2016 18:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	12.5	18.7#
100	9.7	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 7.99 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.01 min

Lab File: BG023661.D

Acq: 12 Aug 2016 18:25

Instrument :

BNA_G

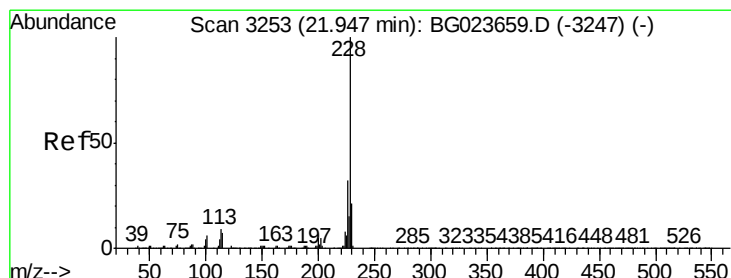
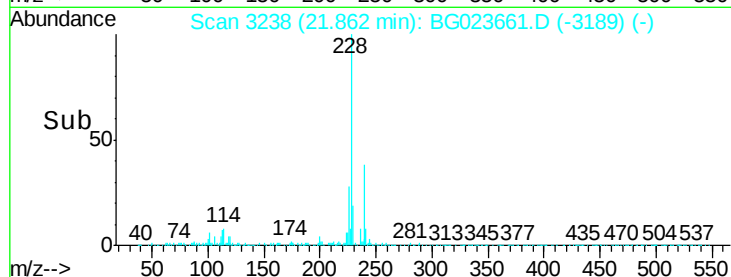
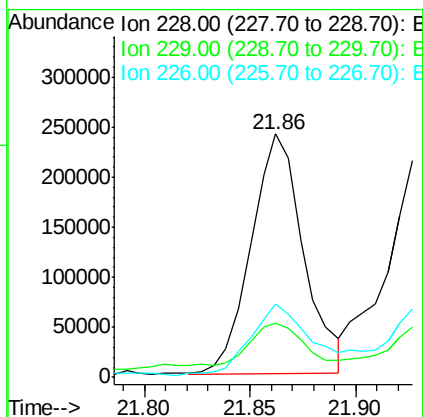
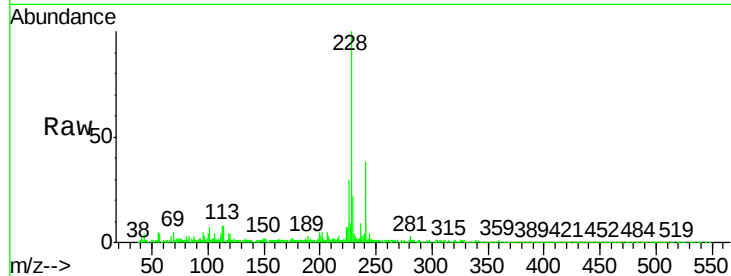
ClientSampleId :

P002-SS001-0612-02

Tgt Ion:	228	Resp:	413452
Ion Ratio		Lower	Upper
228	100		
229	22.3	15.4	23.2
226	29.9	22.8	34.2

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#82

Chrysene

Concen: 9.28 ng/ul

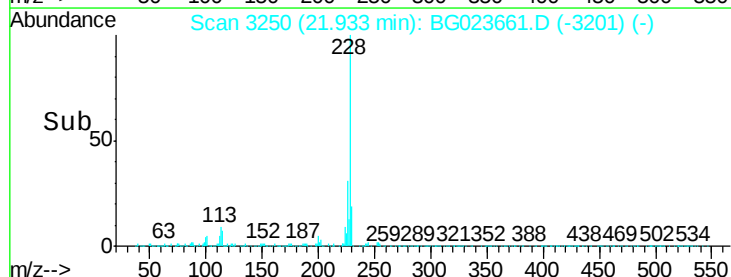
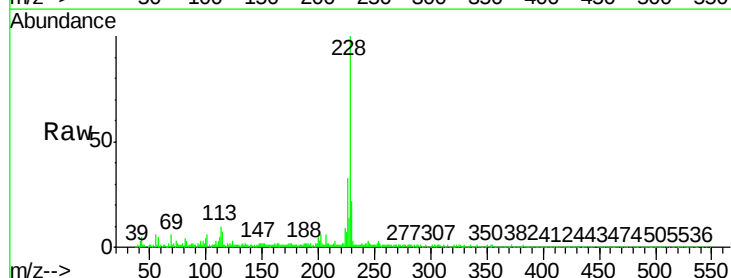
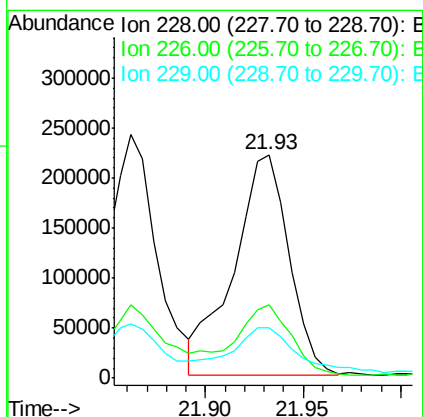
RT: 21.93 min Scan# 3250

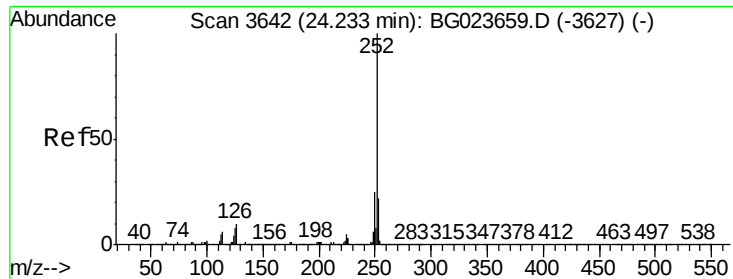
Delta R.T. -0.01 min

Lab File: BG023661.D

Acq: 12 Aug 2016 18:25

Tgt Ion:	228	Resp:	436778
Ion Ratio		Lower	Upper
228	100		
226	32.9	24.2	36.4
229	22.3	15.0	22.6





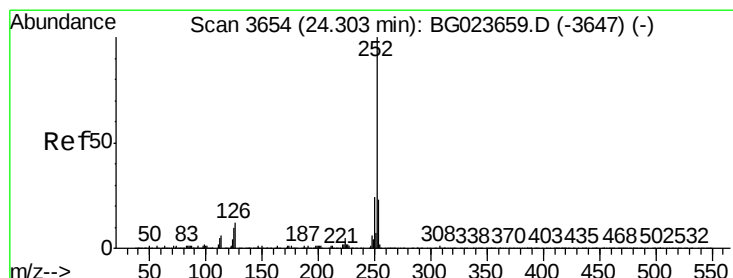
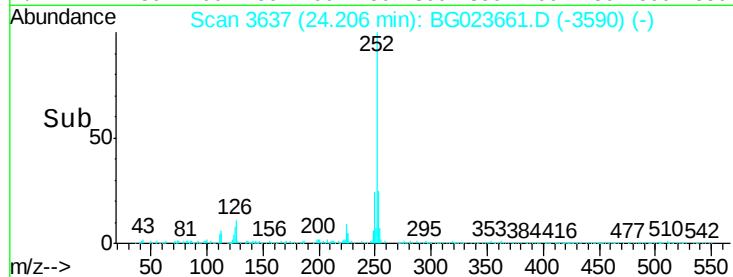
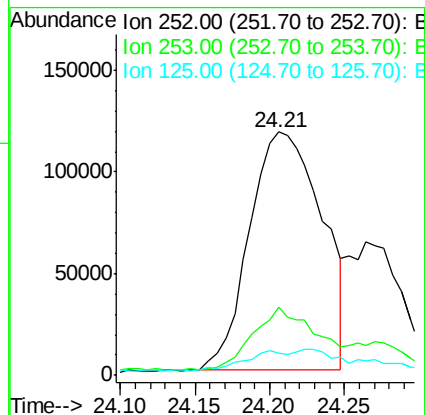
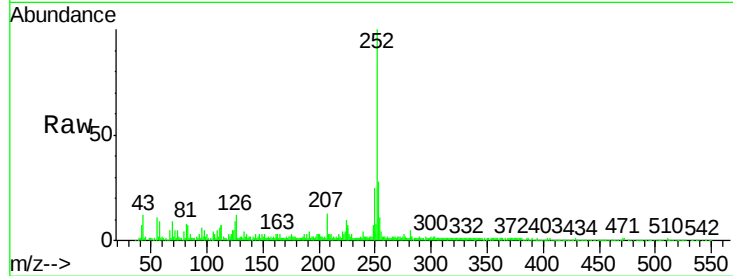
#85
Benzo(b)fluoranthene
Concen: 7.33 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG023661.D
Acq: 12 Aug 2016 18:25

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0612-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.1	18.2	27.2#
125	9.3	10.8	16.2#

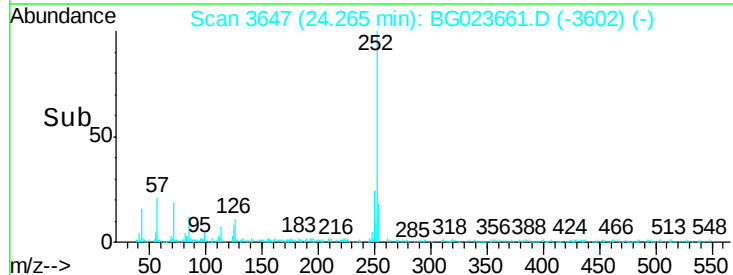
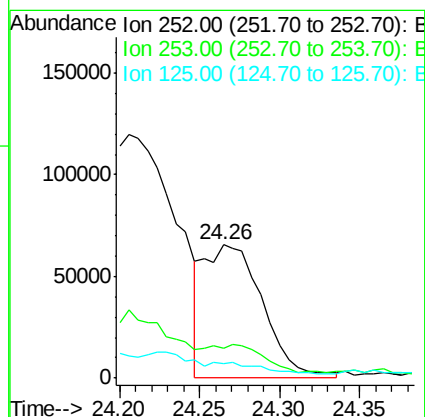
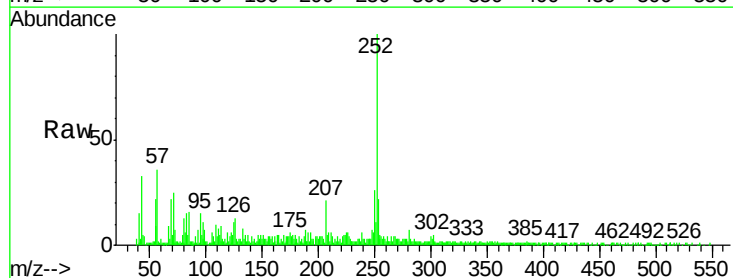
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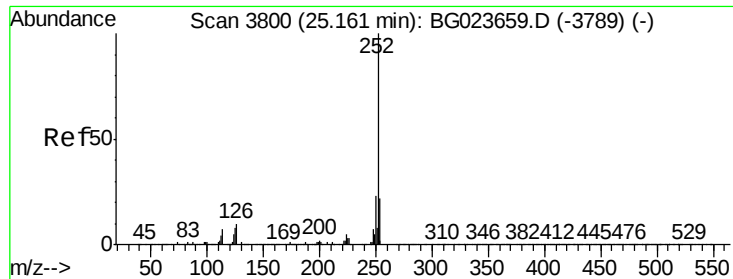
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#86
Benzo(k)fluoranthene
Concen: 3.11 ng/ul m
RT: 24.26 min Scan# 3647
Delta R.T. -0.04 min
Lab File: BG023661.D
Acq: 12 Aug 2016 18:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	15.8	23.6
125	10.7	10.6	16.0





#88

Benzo(a)pyrene

Concen: 7.09 ng/ul m

RT: 25.13 min Scan# 3795

Delta R.T. -0.03 min

Lab File: BG023661.D

Acq: 12 Aug 2016 18:25

Instrument :

BNA_G

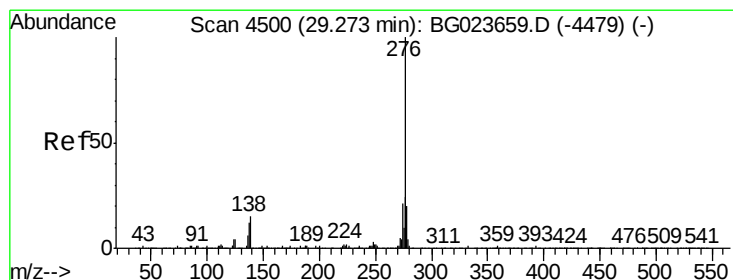
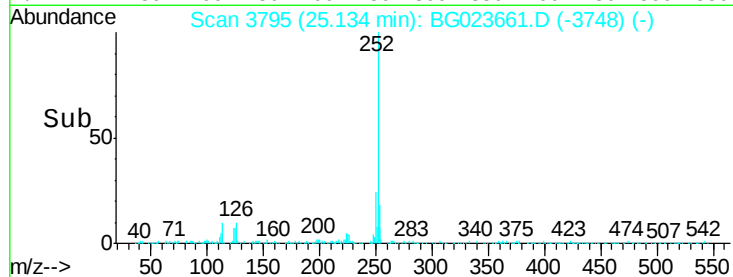
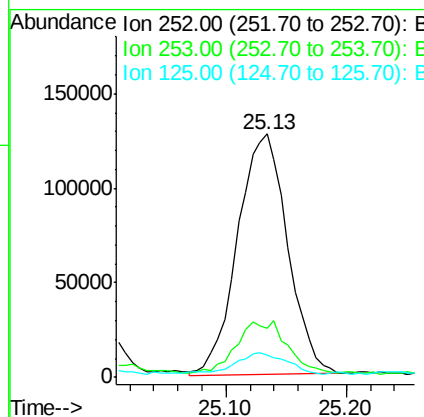
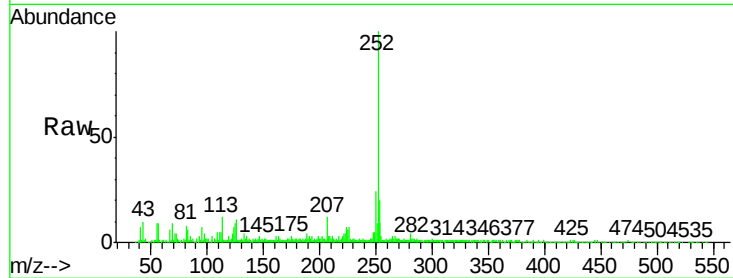
ClientSampleId :

P002-SS001-0612-02

Tgt Ion:	252	Resp:	367422
Ion Ratio	Lower	Upper	
252	100		
253	20.3	19.0	28.4
125	8.9	12.0	18.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.59 ng/ul

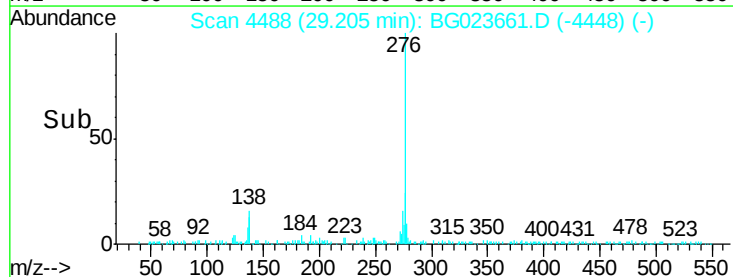
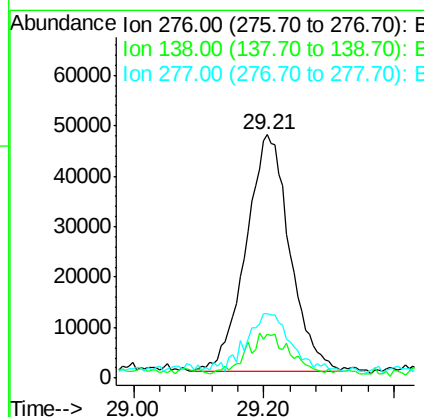
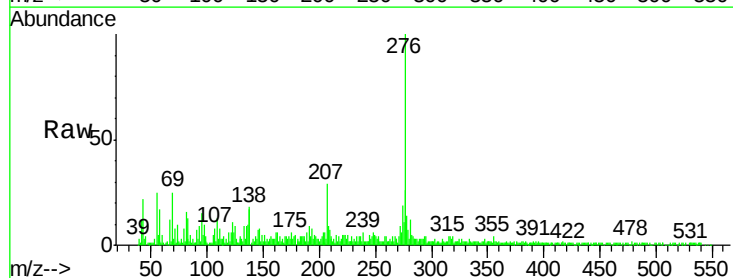
RT: 29.21 min Scan# 4488

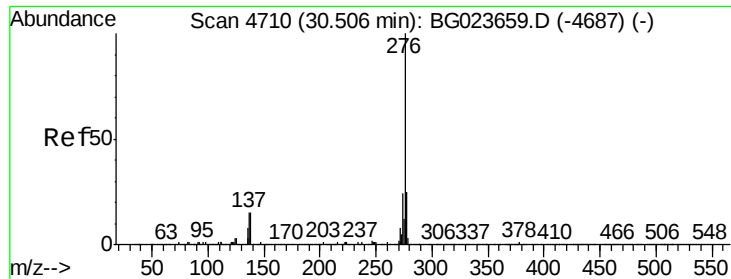
Delta R.T. -0.07 min

Lab File: BG023661.D

Acq: 12 Aug 2016 18:25

Tgt Ion:	276	Resp:	218859
Ion Ratio	Lower	Upper	
276	100		
138	17.9	20.8	31.2#
277	26.3	17.6	26.4





#91
 Benzo(g,h,i)perylene
 Concen: 4.01 ng/ul
 RT: 30.43 min Scan# 4696
 Delta R.T. -0.08 min
 Lab File: BG023661.D
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Instrument :
 BNA_G
 ClientSampleId :
 P002-SS001-0612-02

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		202261		
138	14.7	22.1	33.1#		
277	27.0	17.0	25.4#		

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