

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023662.D
 Acq On : 12 Aug 2016 19:03
 Operator : UM/SJ
 Sample : H4385-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-3642-01

Manual Integrations
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Quant Time: Aug 13 04:26:05 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	124330	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	589282	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	438217	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1050284	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1025897	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1064080	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	9340	3.19	ng/uL	0.00
5) Phenol-d5	7.27	99	256297	20.46	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	176389	21.98	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	182488	21.36	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	192404	19.68	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	100134	21.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	120285	22.55	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	214865	21.35	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.09	131	249568	21.14	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	794512	22.14	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	902537	22.35	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	129190	21.09	ng/ul	-0.01
57) Fluorene-d10	15.79	176	711216	21.45	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	127696	18.95	ng/ul	-0.01
70) Anthracene-d10	17.65	188	1080162	22.83	ng/ul	-0.01
76) Pyrene-d10	19.95	212	1104865m	21.28	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.06	264	1078989	22.40	ng/ul	-0.03

Target Compounds

					Qvalue
44) Dimethylphthalate	14.23	163	374030	10.53 ng/ul	97
69) Phenanthrene	17.60	178	377897	6.95 ng/ul	99
74) Fluoranthene	19.62	202	283064m	5.08 ng/ul	
77) Pyrene	19.98	202	405632	6.40 ng/ul#	90
80) Benzo(a)anthracene	21.86	228	155350m	2.69 ng/ul	
82) Chrysene	21.93	228	178109	3.39 ng/ul	94
85) Benzo(b)fluoranthene	24.20	252	103242	1.71 ng/ul	95
86) Benzo(k)fluoranthene	24.23	252	87798m	1.47 ng/ul	
88) Benzo(a)pyrene	25.13	252	130400m	2.23 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	80372m	1.17 ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	88609m	1.56 ng/ul	

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

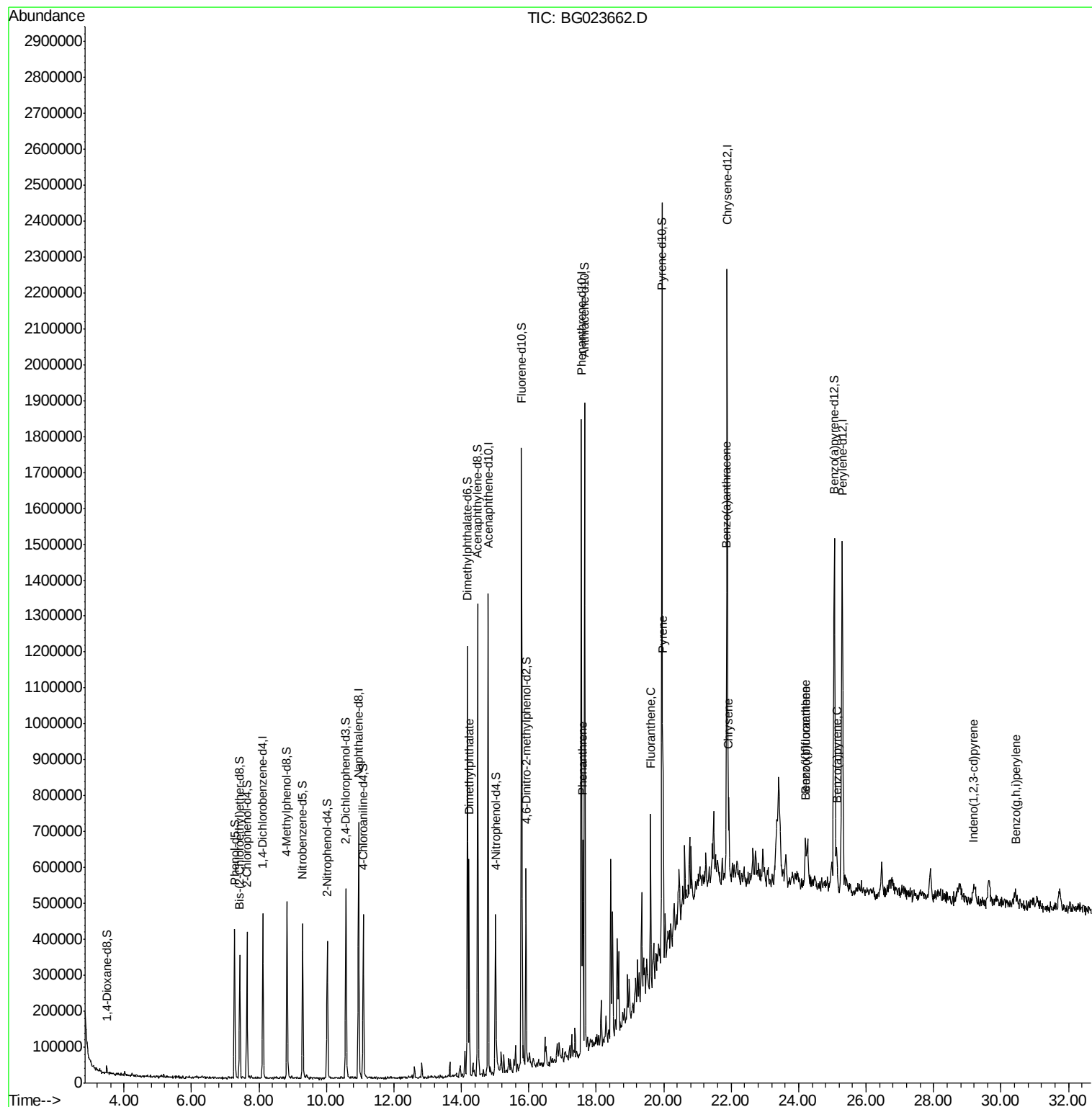
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023662.D
Acq On : 12 Aug 2016 19:03
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Sample : H4385-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

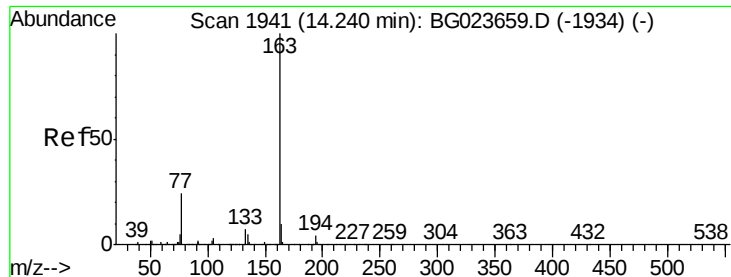
Instrument :
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P002-SS003-3642-01

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Quant Title : SVOA CALIBRATION
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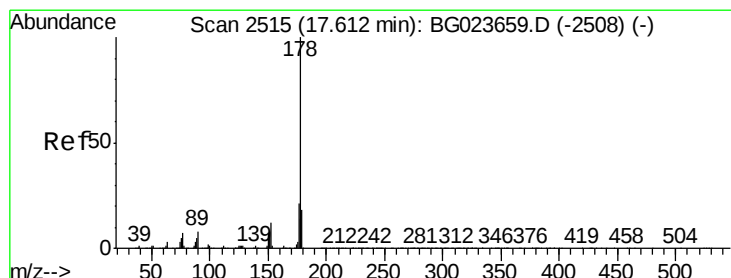
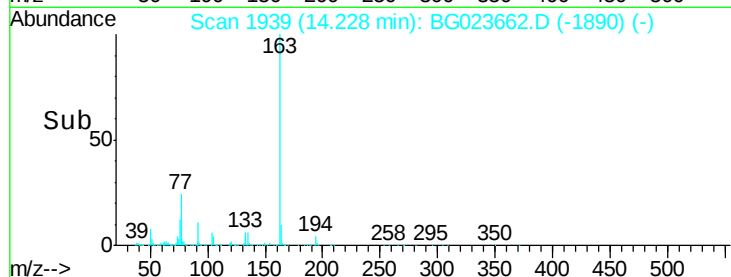
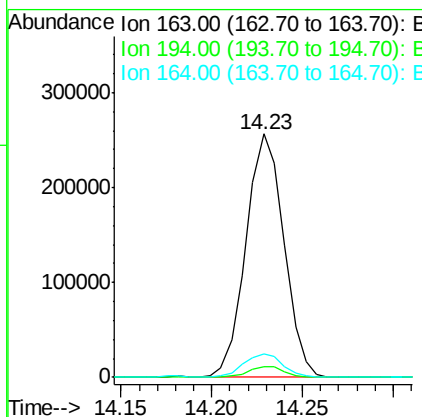
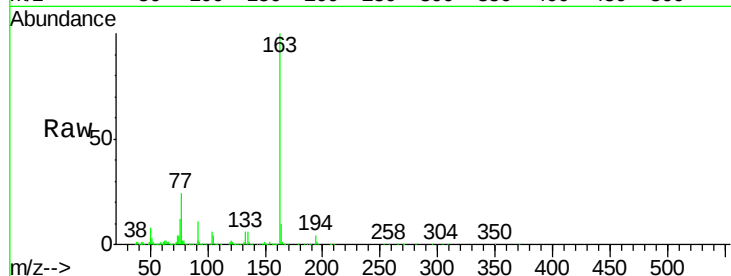
#44
Dimethylphthalate
Concen: 10.53 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	374030		
194	4.1	3.4	5.2	
164	9.6	8.8	13.2	

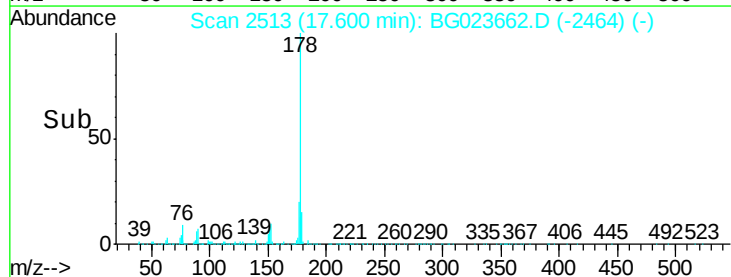
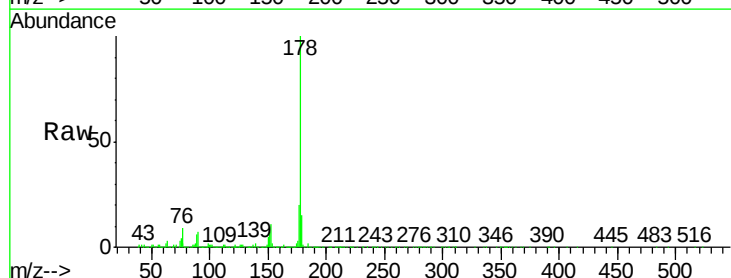
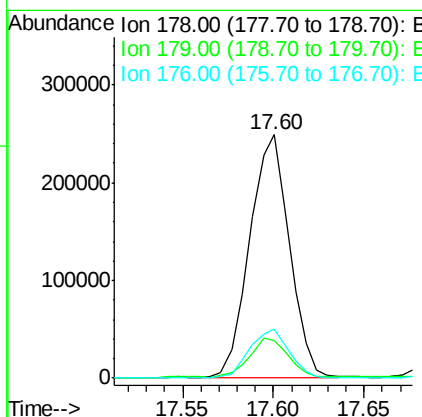
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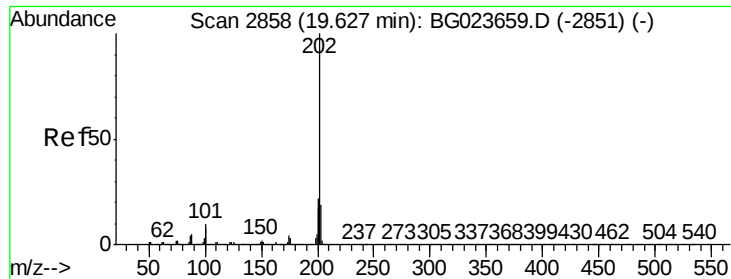
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#69
Phenanthrene
Concen: 6.95 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	377897		
179	15.3	12.9	19.3	
176	20.1	15.8	23.8	





#74

Fluoranthene

Concen: 5.08 ng/ul m

RT: 19.62 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG023662.D

Acq: 12 Aug 2016 19:03

Instrument :

BNA_G

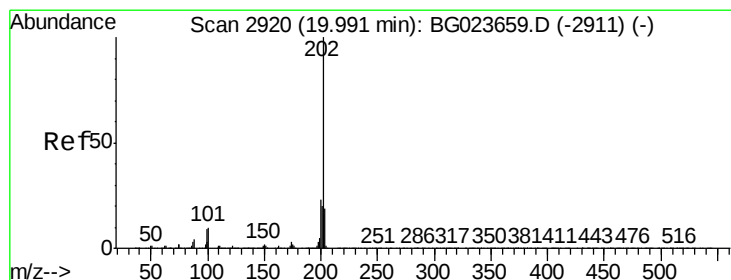
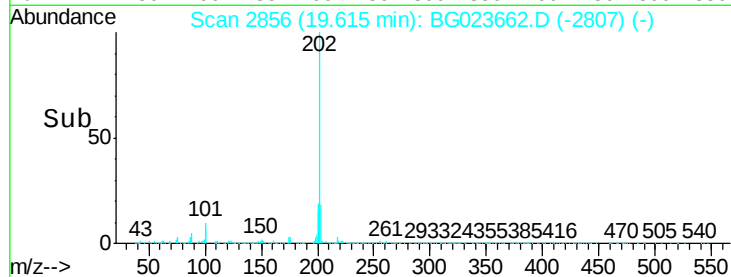
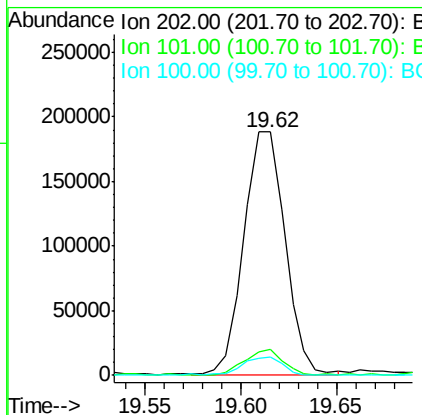
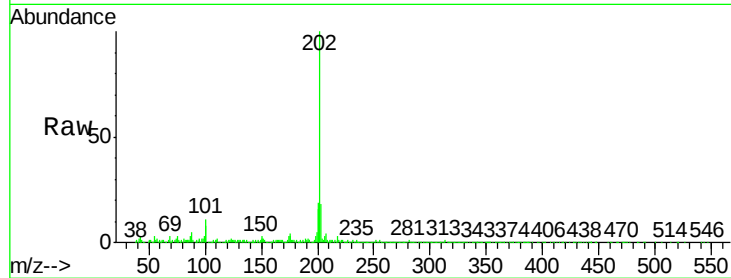
ClientSampleId :

P002-SS003-3642-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	283064		
101	10.7	10.6	16.0	
100	7.6	8.7	13.1#	

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#77

Pyrene

Concen: 6.40 ng/ul

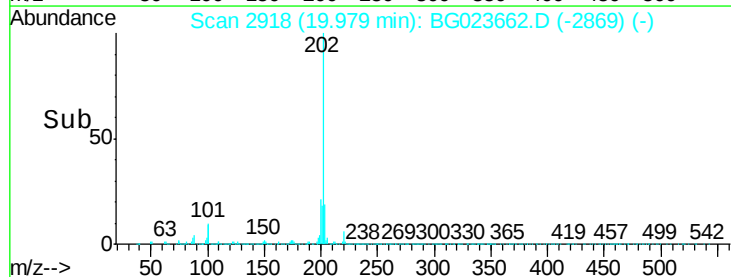
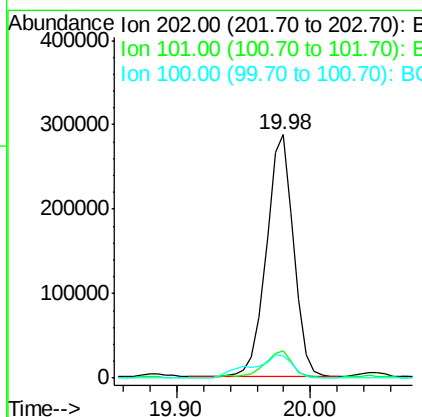
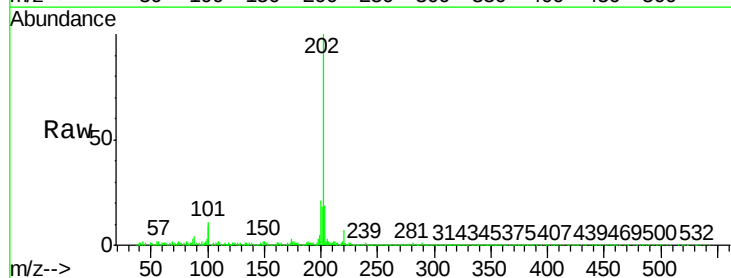
RT: 19.98 min Scan# 2918

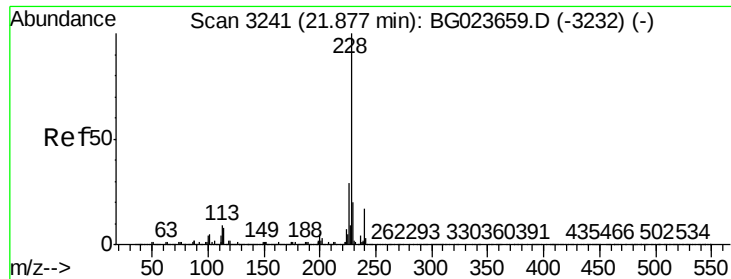
Delta R.T. -0.01 min

Lab File: BG023662.D

Acq: 12 Aug 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	405632		
101	11.1	12.5	18.7#	
100	8.9	10.2	15.4#	





#80

Benzo(a)anthracene

Concen: 2.69 ng/ul m

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG023662.D

Acq: 12 Aug 2016 19:03

Instrument :

BNA_G

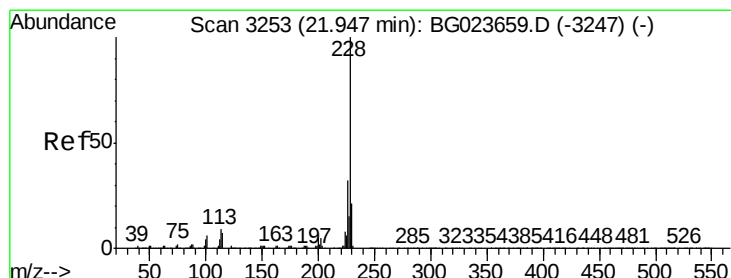
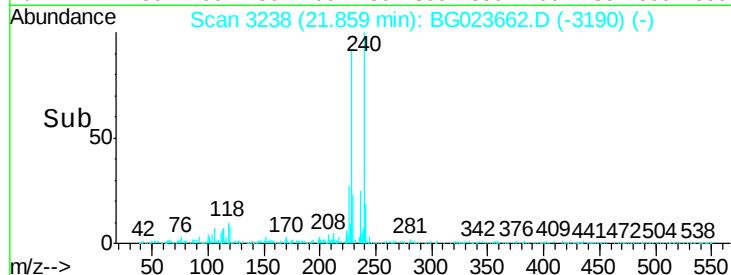
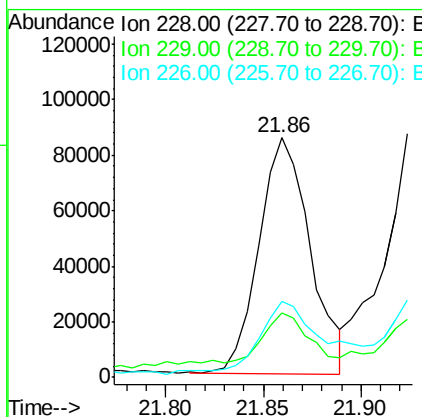
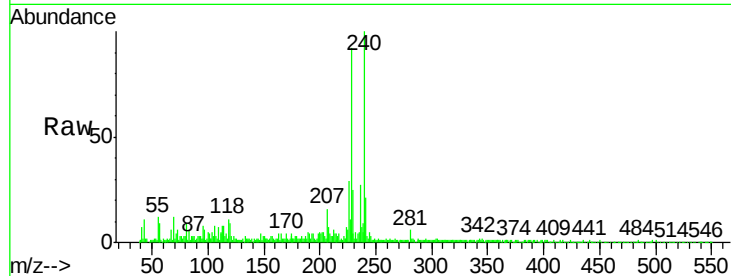
ClientSampleId :

P002-SS003-3642-01

Tgt Ion:	228	Resp:	155350
Ion Ratio		Lower	Upper
228	100		
229	27.0	15.4	23.2#
226	31.6	22.8	34.2

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#82

Chrysene

Concen: 3.39 ng/ul

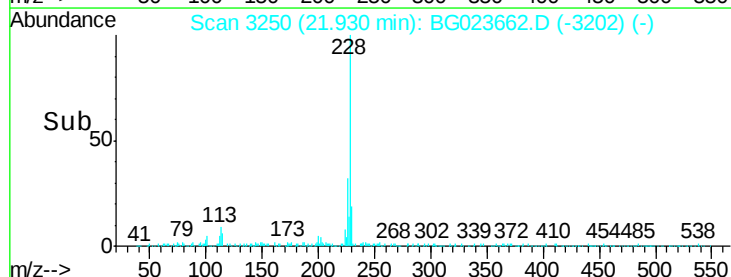
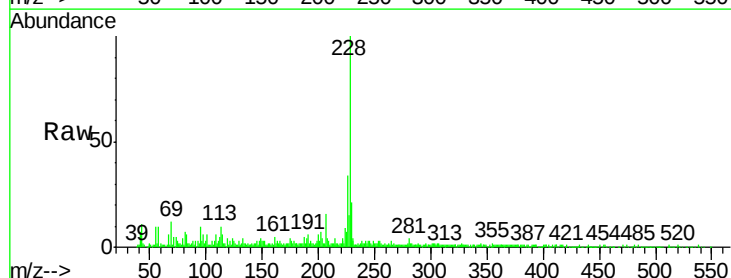
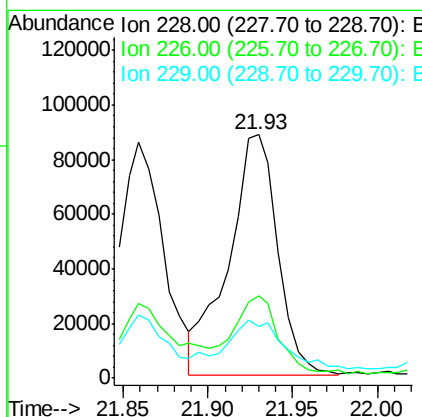
RT: 21.93 min Scan# 3250

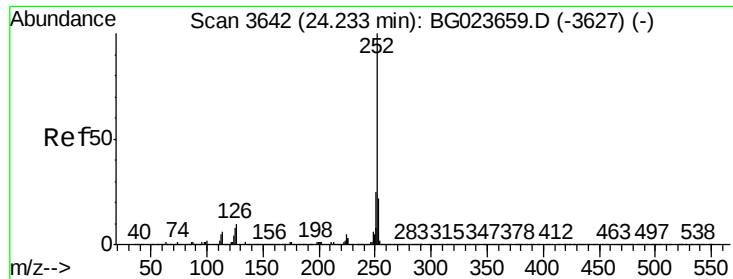
Delta R.T. -0.02 min

Lab File: BG023662.D

Acq: 12 Aug 2016 19:03

Tgt Ion:	228	Resp:	178109
Ion Ratio		Lower	Upper
228	100		
226	34.0	24.2	36.4
229	21.1	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 1.71 ng/ul

RT: 24.20 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG023662.D

Acq: 12 Aug 2016 19:03

Instrument :

BNA_G

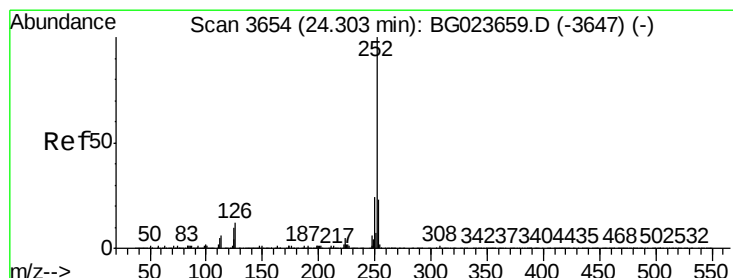
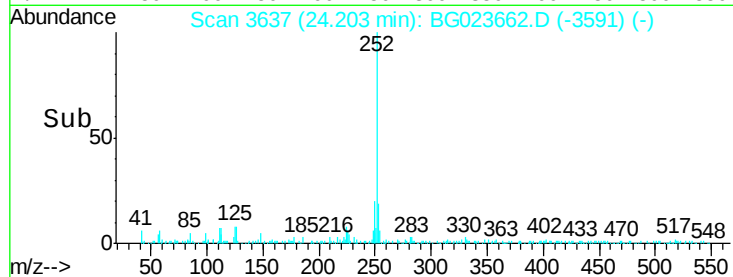
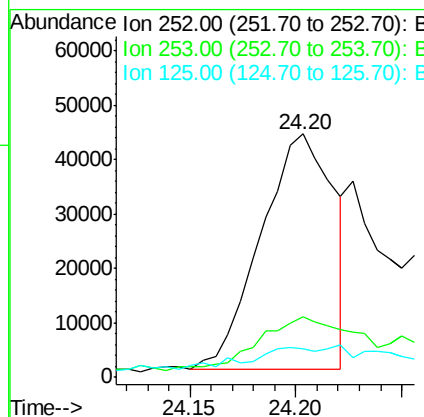
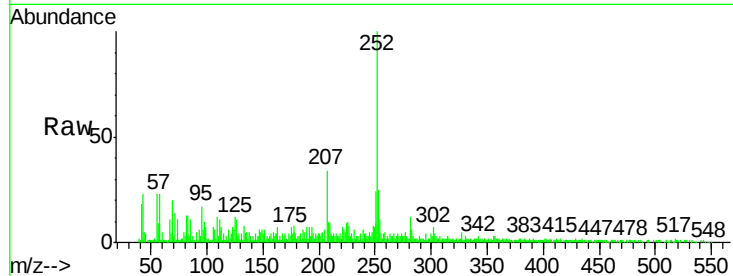
ClientSampleId :

P002-SS003-3642-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	103242		
253	24.9	18.2	27.2	
125	11.5	10.8	16.2	

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#86

Benzo(k)fluoranthene

Concen: 1.47 ng/ul m

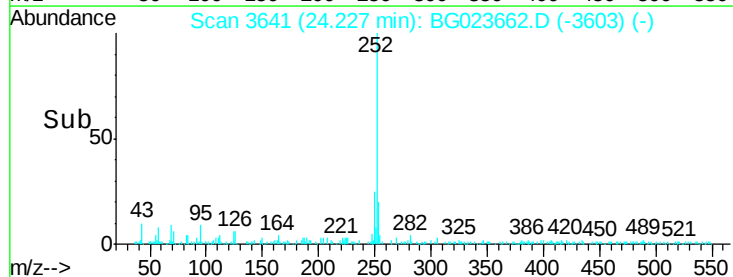
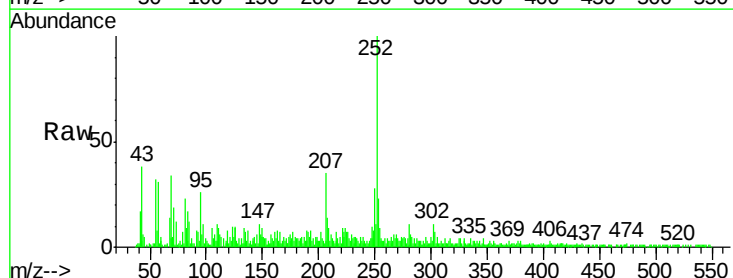
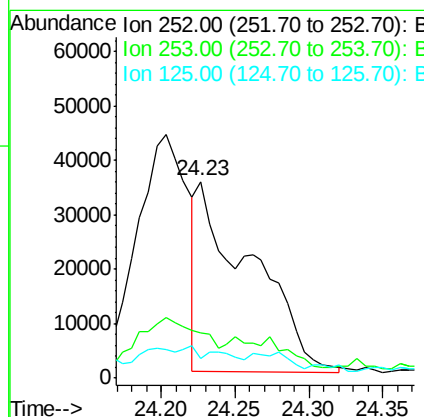
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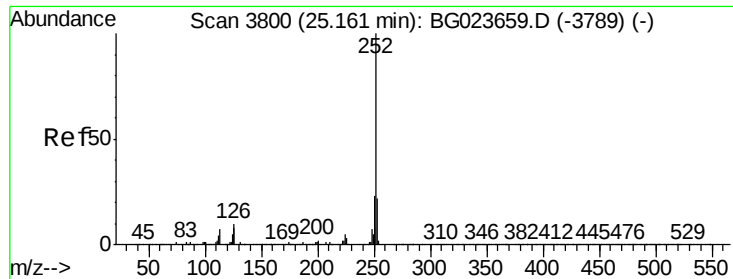
Delta R.T. -0.08 min

Lab File: BG023662.D

Acq: 12 Aug 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	87798		
253	22.8	15.8	23.6	
125	10.2	10.6	16.0	





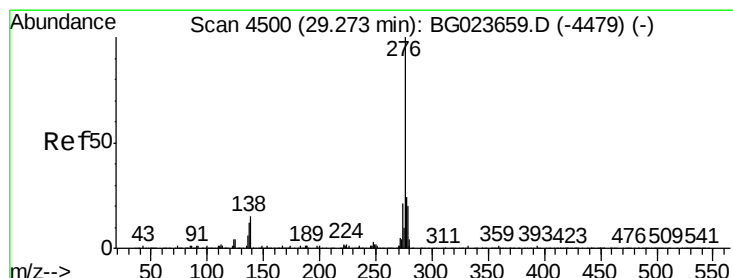
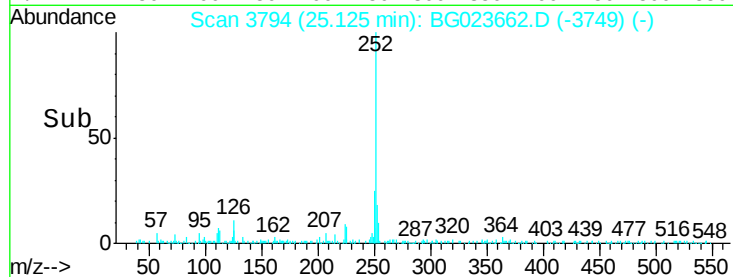
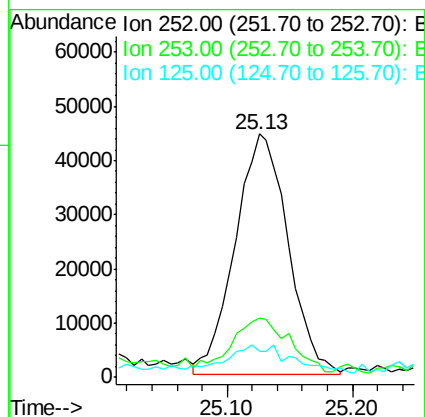
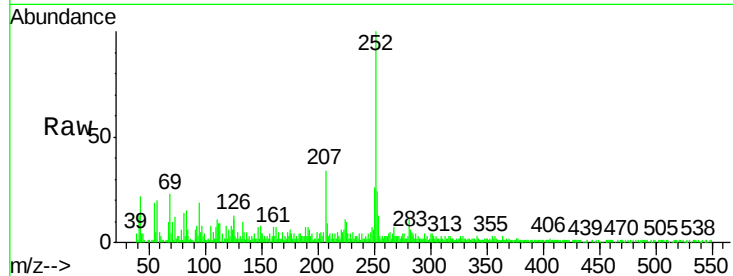
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Benzo(a)pyrene
Concen: 2.23 ng/ul m
RT: 25.13 min Scan# 3794
Delta R.T. -0.04 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	130400		
253	24.3	19.0	28.4	
125	10.8	12.0	18.0	

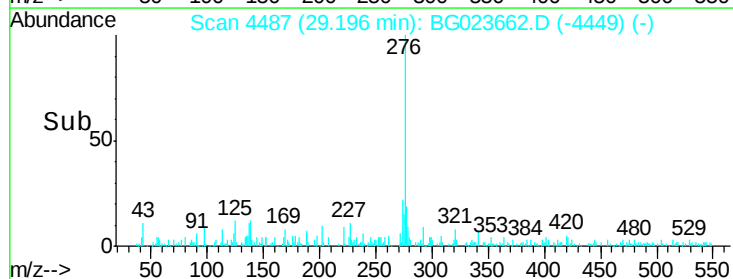
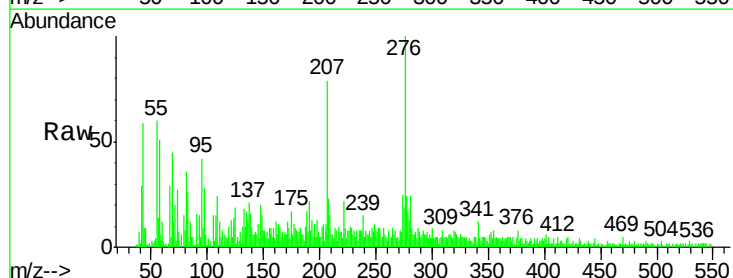
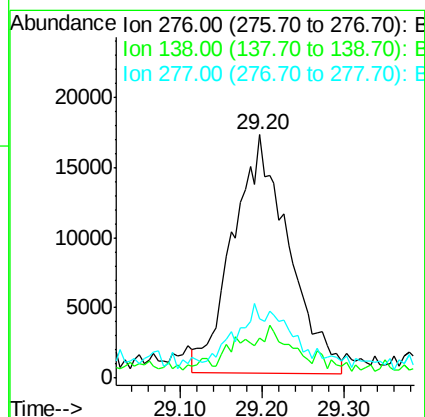
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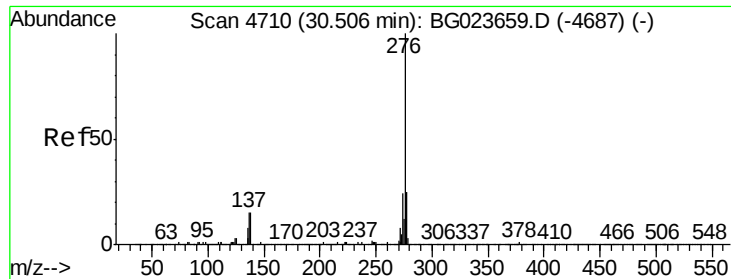
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.17 ng/ul m
RT: 29.20 min Scan# 4487
Delta R.T. -0.08 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	80372		
138	16.2	20.8	31.2	
277	24.4	17.6	26.4	





#91
 Benzo(g,h,i)perylene
 Concen: 1.56 ng/ul m
 RT: 30.43 min Scan# 4697
 Delta R.T. -0.08 min
 Lab File: BG023662.D
 Acq: 12 Aug 2016 19:03

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-3642-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	22.1	33.1#
277	27.5	17.0	25.4#

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