

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023666.D
 Acq On : 12 Aug 2016 21:35
 Operator : UM/SJ
 Sample : H4385-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS001-1218-01

Manual Integrations
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Quant Time: Aug 13 04:42:17 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	133812	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	639869	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	447354	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.56	188	1012878	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	990448	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1018375	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8937	2.84	ng/uL	0.00
5) Phenol-d5	7.27	99	238621	17.70	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	161512	18.70	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.65	132	166745	18.13	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	137334	13.05	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	94325m	18.70	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	116472	20.11	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	195566	17.90	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	211886	16.53	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	703492	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	827520	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	109915	17.58	ng/ul	-0.02
57) Fluorene-d10	15.78	176	631389	18.66	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.92	200	104080	16.02	ng/ul	-0.02
70) Anthracene-d10	17.66	188	884753	19.39	ng/ul	0.00
76) Pyrene-d10	19.95	212	937440	18.70	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.05	264	899895	19.52	ng/ul	-0.04

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	423345	11.67	ng/ul	100
69) Phenanthrene	17.60	178	374397	7.14	ng/ul	98
74) Fluoranthene	19.61	202	534873	9.96	ng/ul#	89
77) Pyrene	19.98	202	689301	11.26	ng/ul#	93
80) Benzo(a)anthracene	21.86	228	300631	5.39	ng/ul	95
82) Chrysene	21.93	228	340848m	6.72	ng/ul	
85) Benzo(b)fluoranthene	24.19	252	345511	5.96	ng/ul	96
86) Benzo(k)fluoranthene	24.26	252	72998m	1.28	ng/ul	
88) Benzo(a)pyrene	25.12	252	267190m	4.78	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	150392	2.29	ng/ul#	86
91) Benzo(g,h,i)perylene	30.41	276	156860m	2.88	ng/ul	

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

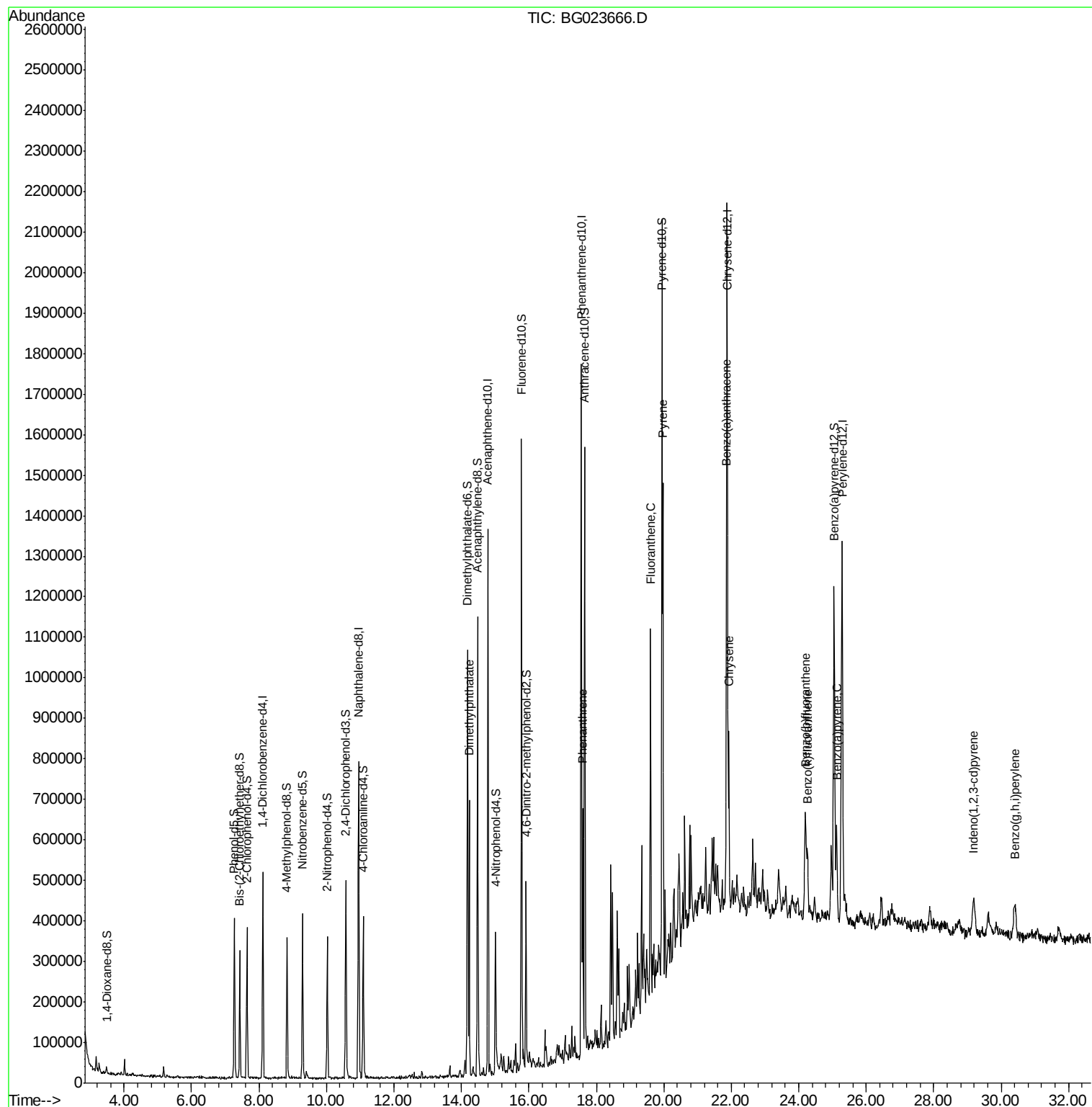
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023666.D
Acq On : 12 Aug 2016 21:35
Operator : UM/SJ
Sample : H4385-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

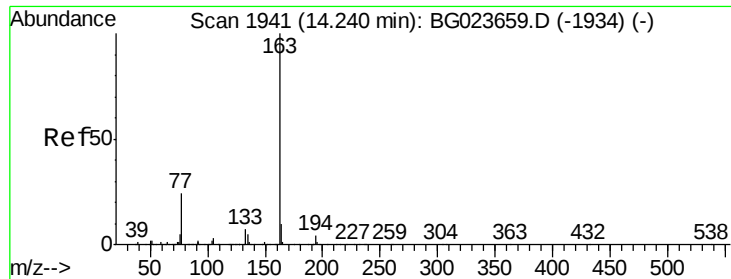
Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01

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Quant Time: Aug 13 04:42:17 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





#44

Dimethylphthalate

Concen: 11.67 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Instrument :

BNA_G

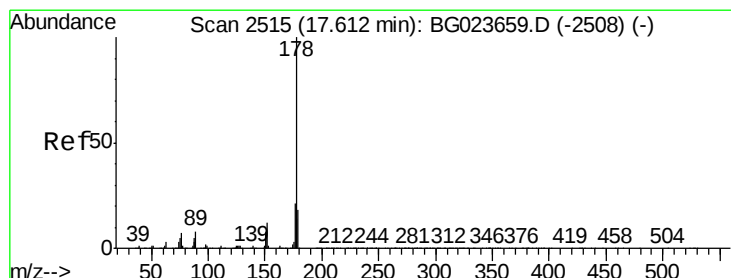
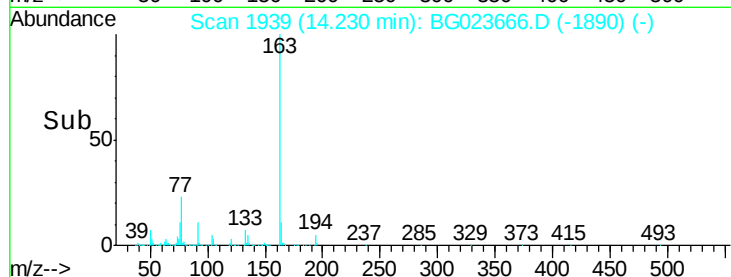
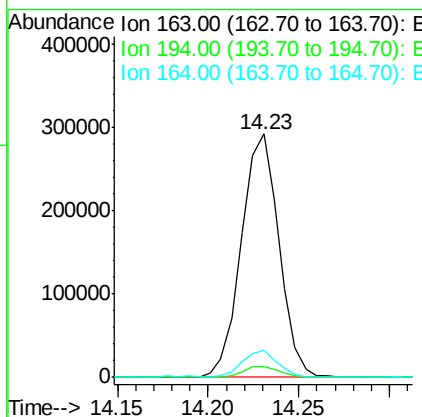
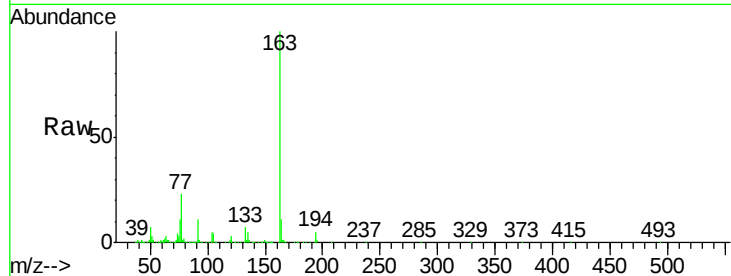
ClientSampleId :

P003-SS001-1218-01

Tgt Ion:	163	Resp:	423345
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	11.0	8.8	13.2

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#69

Phenanthrene

Concen: 7.14 ng/ul

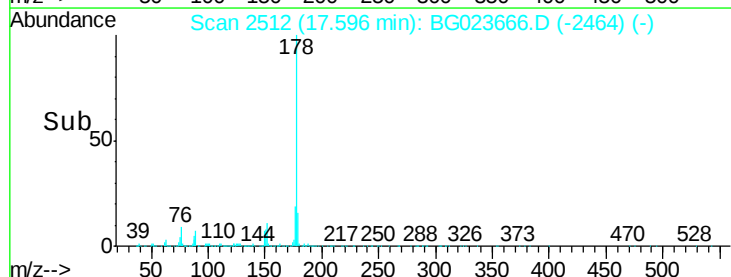
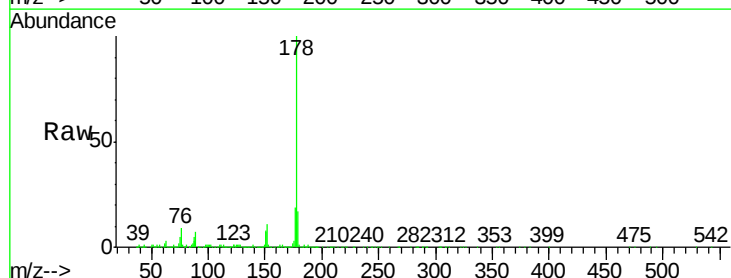
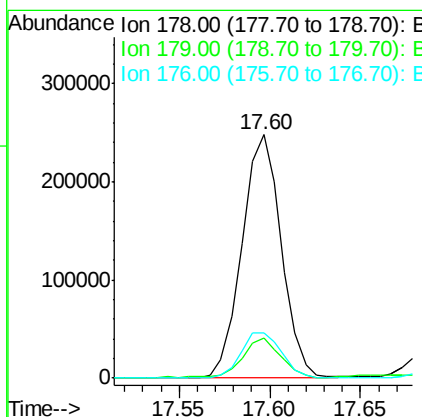
RT: 17.60 min Scan# 2512

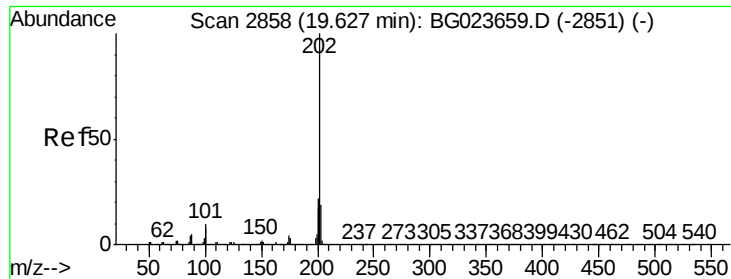
Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Tgt Ion:	178	Resp:	374397
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	18.8	15.8	23.8





#74

Fluoranthene

Concen: 9.96 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Instrument :

BNA_G

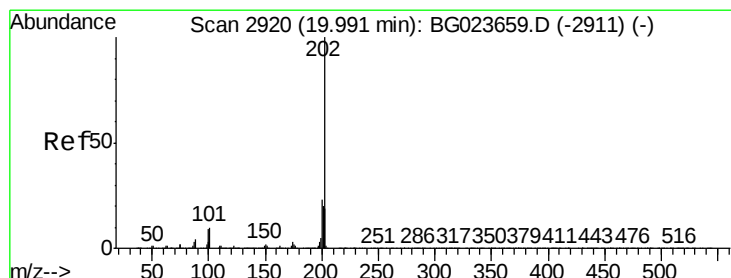
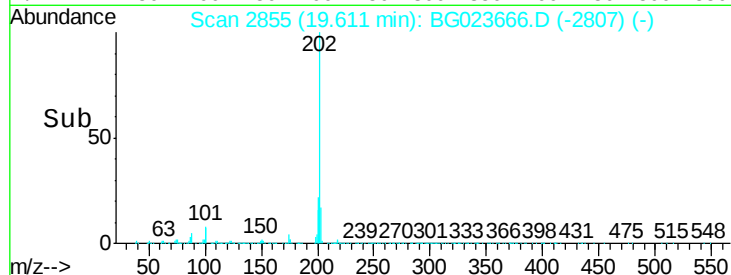
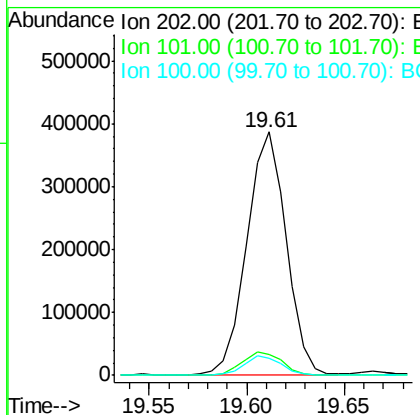
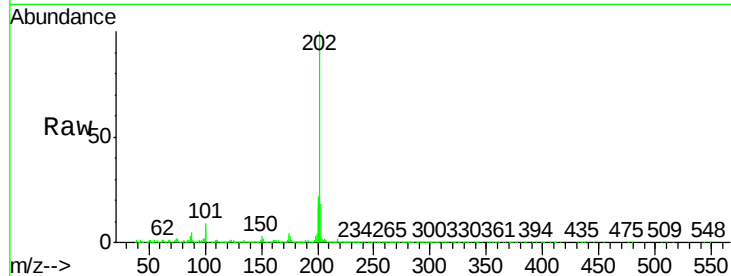
ClientSampleId :

P003-SS001-1218-01

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		534873		
101	8.8	10.6	16.0#		
100	6.9	8.7	13.1#		

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#77

Pyrene

Concen: 11.26 ng/ul

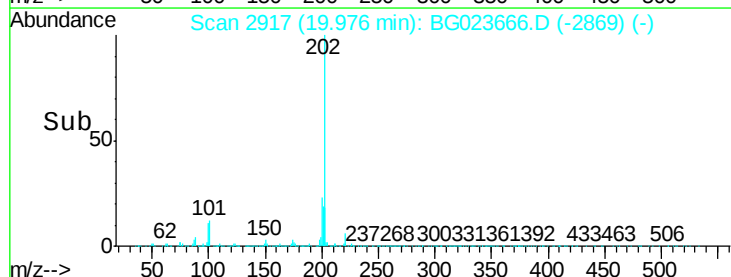
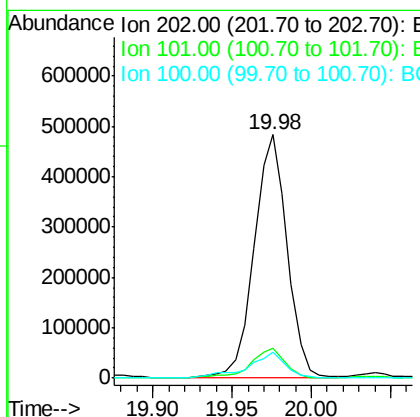
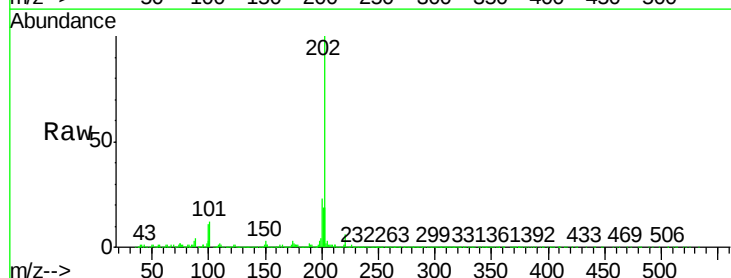
RT: 19.98 min Scan# 2917

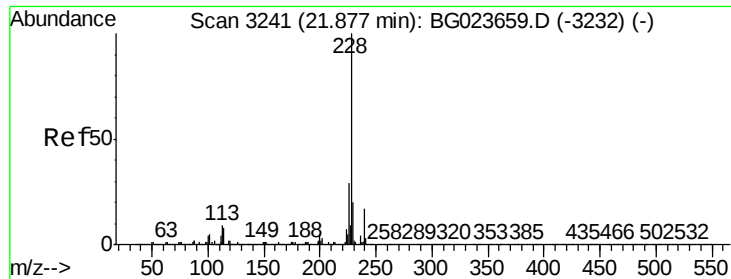
Delta R.T. -0.02 min

Lab File: BG023666.D

Acq: 12 Aug 2016 21:35

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		689301		
101	12.1	12.5	18.7#		
100	10.5	10.2	15.4		





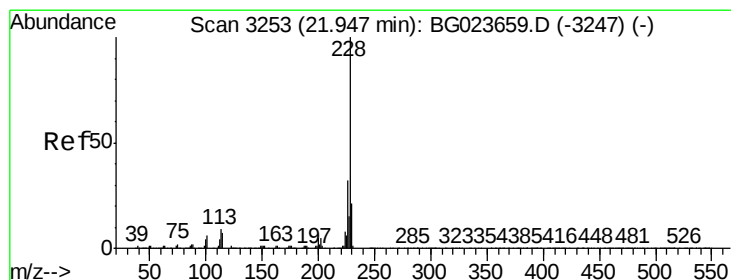
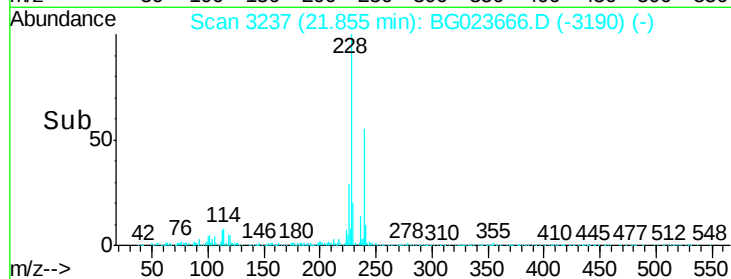
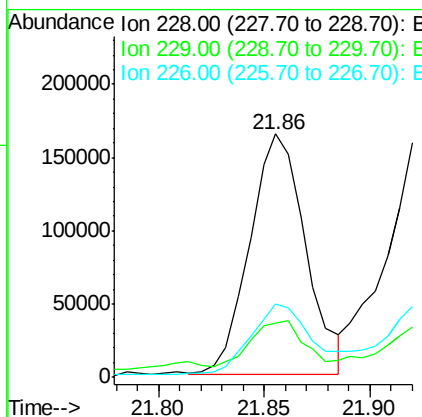
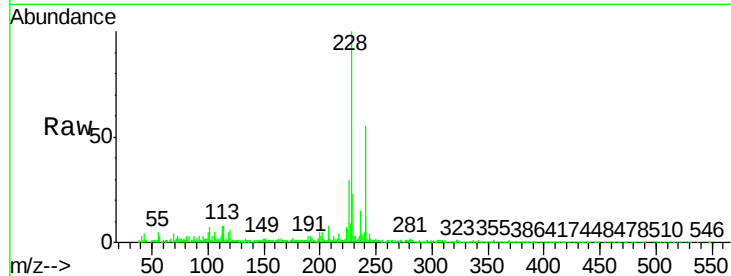
#80
Benzo(a)anthracene
Concen: 5.39 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.02 min
Lab File: BG023666.D
Acq: 12 Aug 2016 21:35

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	300631		
229	22.5	15.4	23.2	
226	30.1	22.8	34.2	

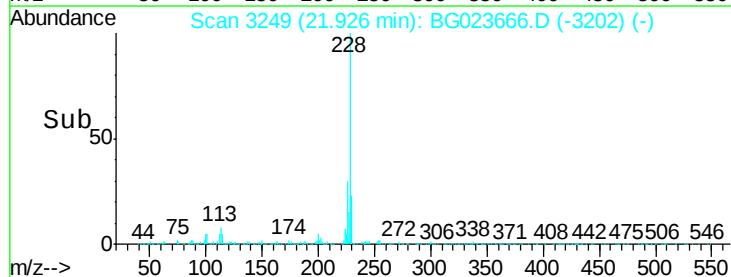
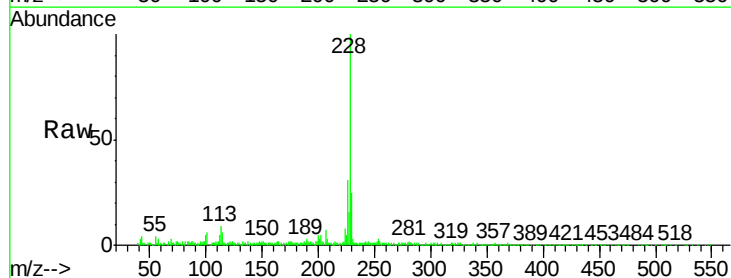
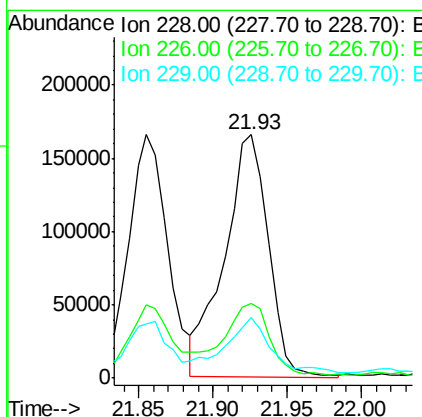
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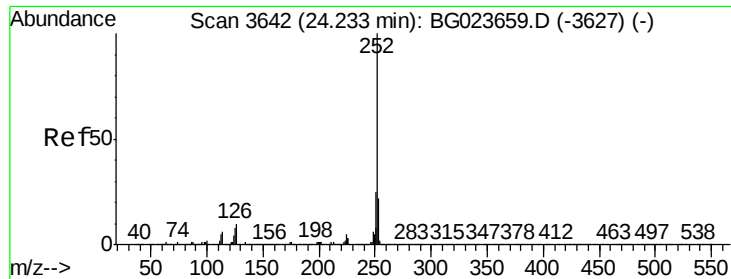
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#82
Chrysene
Concen: 6.72 ng/ul m
RT: 21.93 min Scan# 3249
Delta R.T. -0.02 min
Lab File: BG023666.D
Acq: 12 Aug 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	340848		
226	30.5	24.2	36.4	
229	24.9	15.0	22.6#	





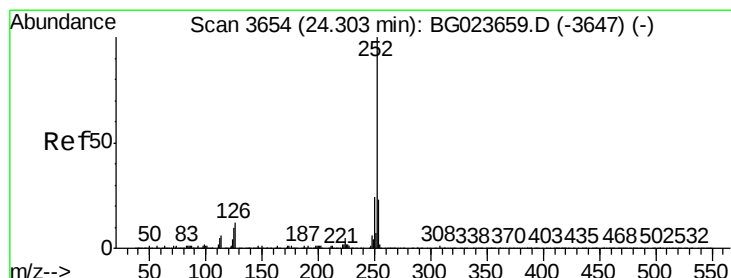
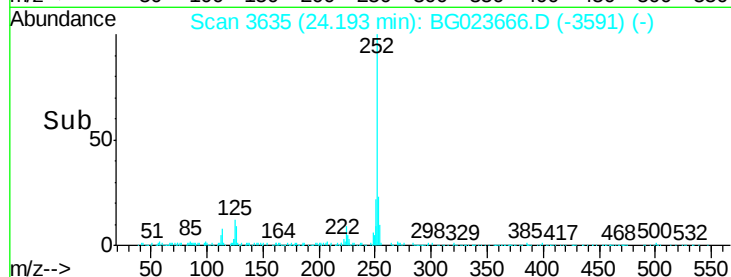
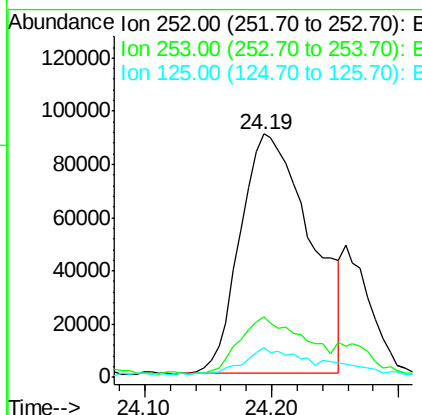
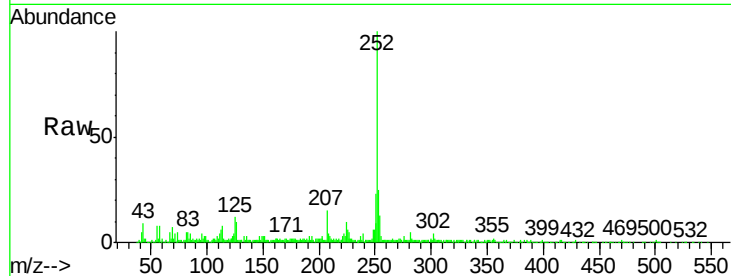
#85
Benzo(b)fluoranthene
Concen: 5.96 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. -0.04 min
Lab File: BG023666.D
Acq: 12 Aug 2016 21:35

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	345511		
253	24.8	18.2	27.2	
125	12.2	10.8	16.2	

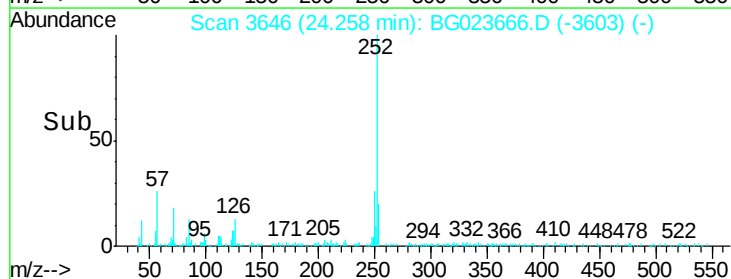
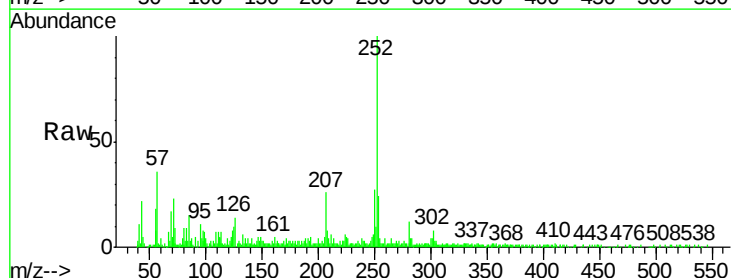
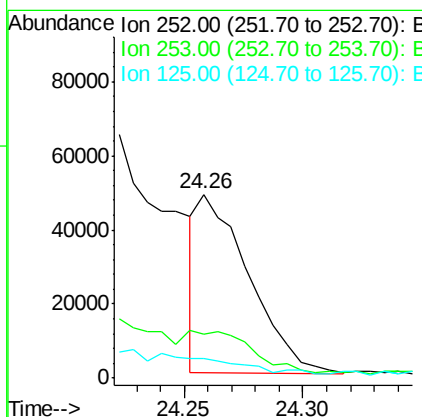
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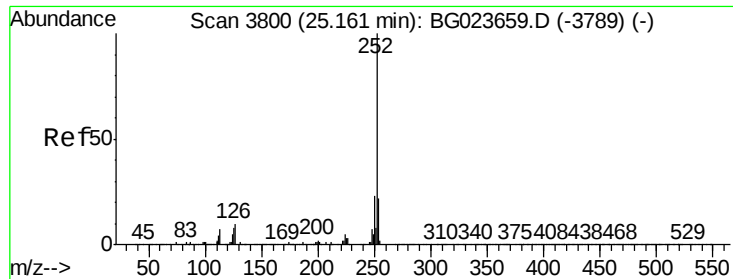
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#86
Benzo(k)fluoranthene
Concen: 1.28 ng/ul m
RT: 24.26 min Scan# 3646
Delta R.T. -0.04 min
Lab File: BG023666.D
Acq: 12 Aug 2016 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	72998		
253	23.7	15.8	23.6#	
125	10.5	10.6	16.0#	





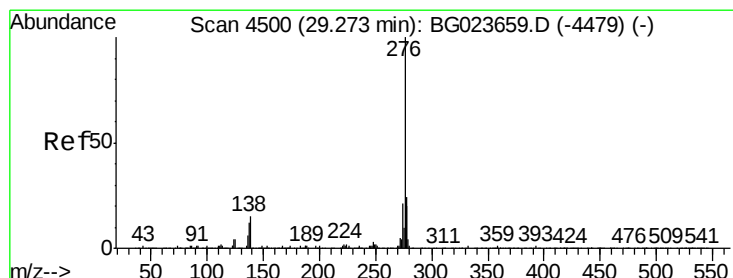
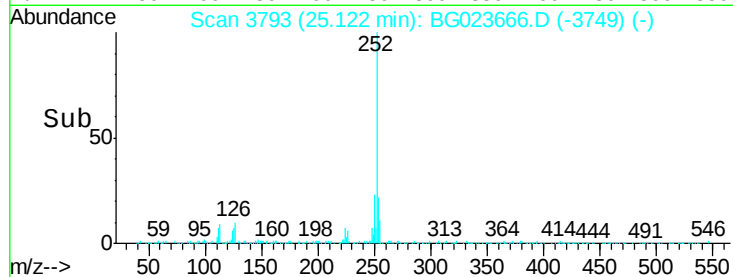
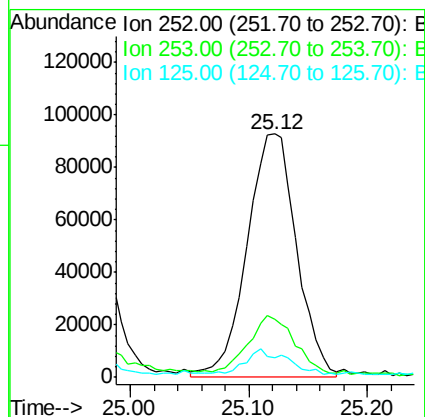
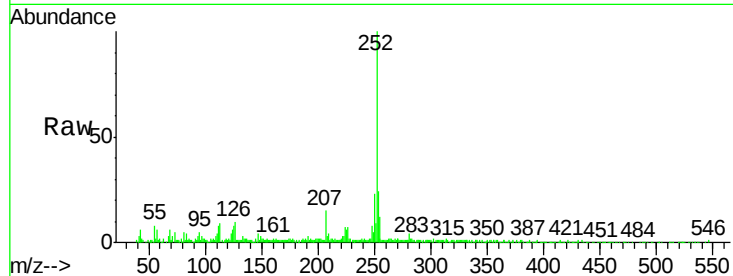
#88
Benzo(a)pyrene
Concen: 4.78 ng/ul m
RT: 25.12 min Scan# 3793
Delta R.T. -0.04 min
Lab File: BG023666.D
Acq: 12 Aug 2016 21:35

Instrument :
BNA_G
ClientSampleId :
P003-SS001-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	19.0	28.4
125	8.0	12.0	18.0#

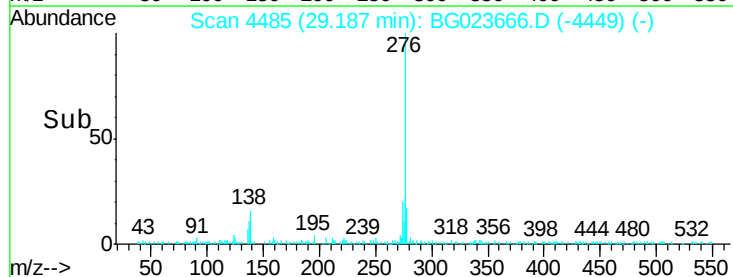
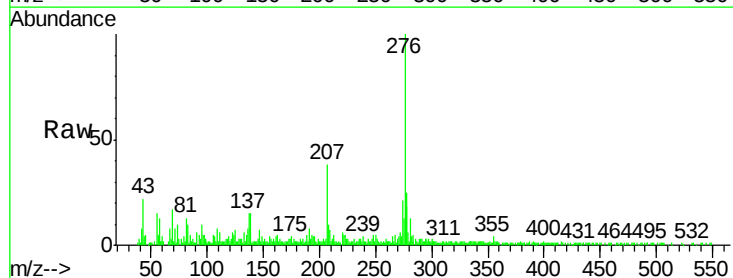
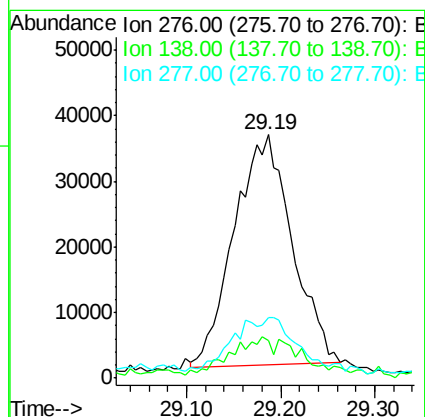
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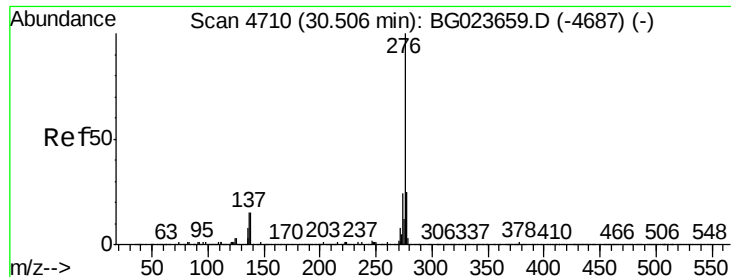
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.29 ng/ul
RT: 29.19 min Scan# 4485
Delta R.T. -0.09 min
Lab File: BG023666.D
Acq: 12 Aug 2016 21:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.3	20.8	31.2#
277	24.7	17.6	26.4





#91
 Benzo(g,h,i)perylene
 Concen: 2.88 ng/ul m
 RT: 30.41 min Scan# 4694
 Delta R.T. -0.09 min
 Lab File: BG023666.D
 Acq: 12 Aug 2016 21:35

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS001-1218-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	22.1	33.1#
277	27.8	17.0	25.4#

Manual Integrations
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