

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023616.D
 Acq On : 11 Aug 2016 6:23
 Operator : UM/SJ
 Sample : H4384-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS001-1218-01

Manual Integrations
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 8/11/2016 6:14:40 PM

Quant Time: Aug 11 07:19:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	184740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	859225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	604941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1436186	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1409512	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1403088	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8811	2.03	ng/uL	0.00
5) Phenol-d5	7.26	99	272831	14.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	186002	15.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	192858	15.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	225763	15.54	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	106649	15.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	120007	15.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	227166	15.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	280314	16.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	865035	17.46	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	975912	17.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	132745	15.70	ng/ul	0.00
57) Fluorene-d10	15.78	176	792328	17.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	138882	15.07	ng/ul	0.00
70) Anthracene-d10	17.65	188	1187294	18.35	ng/ul	0.00
76) Pyrene-d10	19.94	212	1313822	18.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1178421	18.56	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	501735	10.23	ng/ul	99
69) Phenanthrene	17.59	178	206093	2.77	ng/ul	95
74) Fluoranthene	19.60	202	356757	4.69	ng/ul#	89
77) Pyrene	19.97	202	459303	5.27	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	212334m	2.67	ng/ul	
82) Chrysene	21.91	228	216464	3.00	ng/ul#	94
85) Benzo(b)fluoranthene	24.18	252	206243	2.58	ng/ul#	95
88) Benzo(a)pyrene	25.10	252	174594m	2.27	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.14	276	104630	1.16	ng/ul#	85
91) Benzo(g,h,i)perylene	30.36	276	104483m	1.39	ng/ul	

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

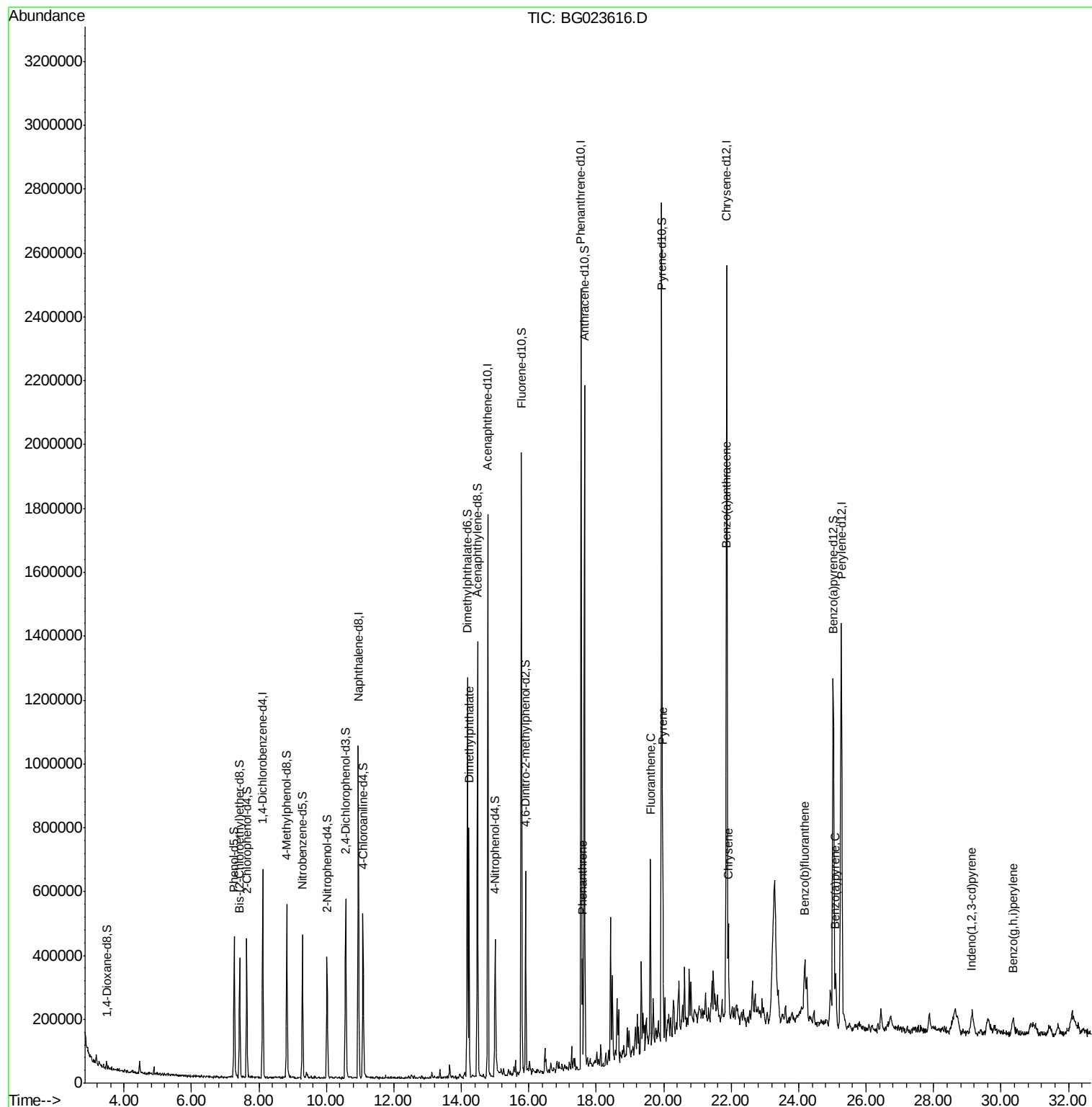
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023616.D
Acq On : 11 Aug 2016 6:23
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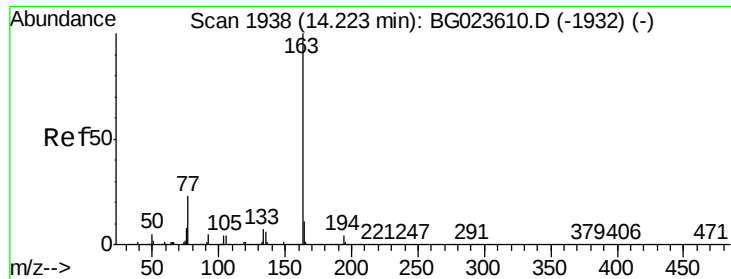
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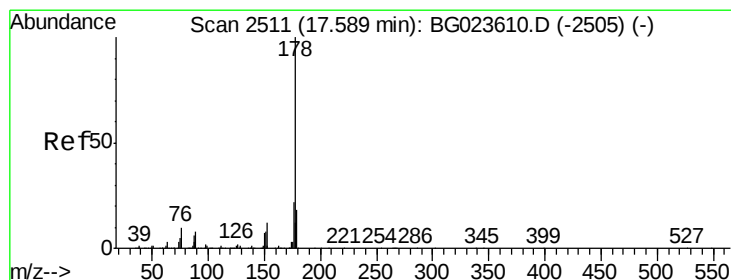
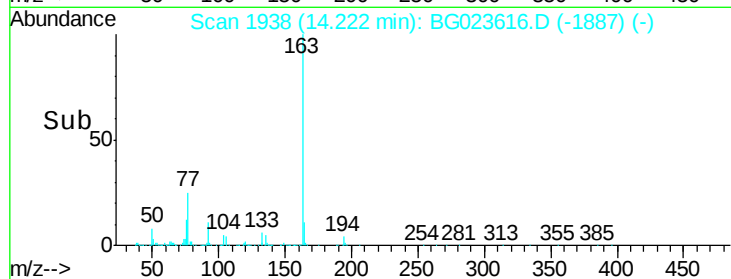
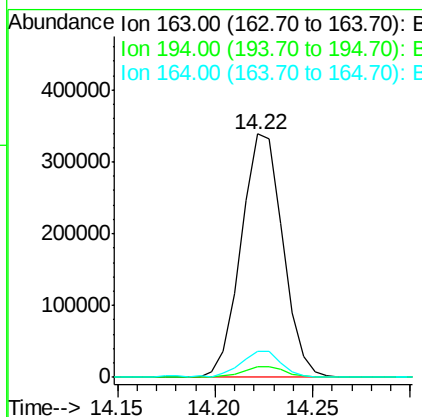
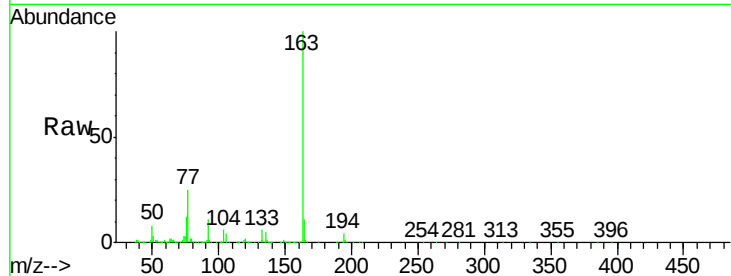
#44
Dimethylphthalate
Concen: 10.23 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023616.D
Acq: 11 Aug 2016 6:23

Instrument :
BNA_G
ClientSampleId :
P002-SS001-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.4	5.2
164	10.5	8.8	13.2

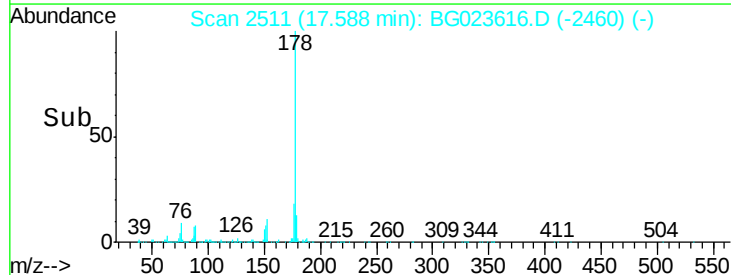
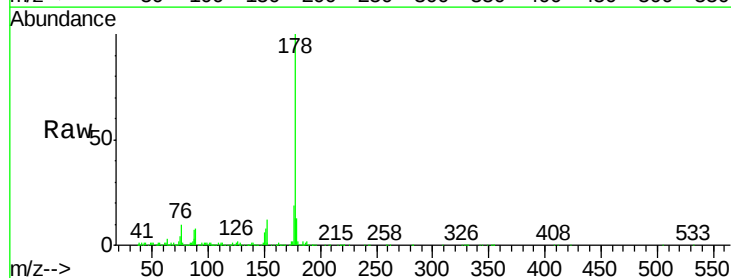
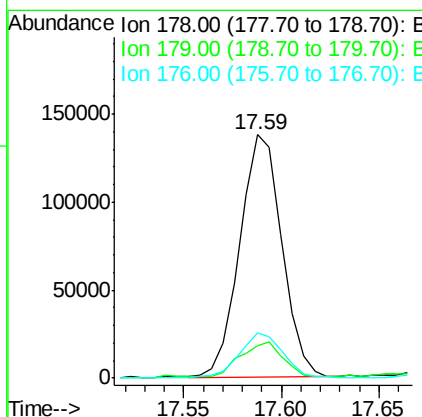
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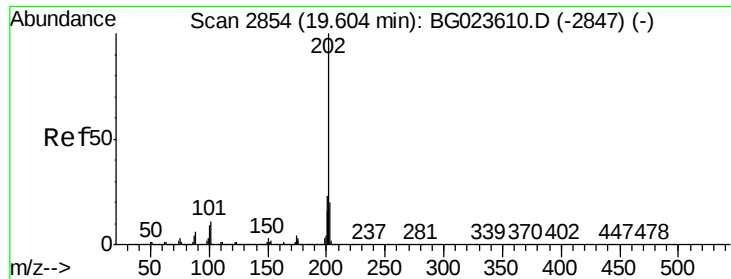
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#69
Phenanthrene
Concen: 2.77 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023616.D
Acq: 11 Aug 2016 6:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	13.1	12.9	19.3
176	18.7	15.8	23.8





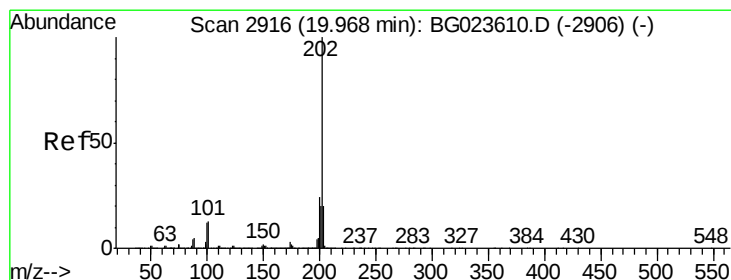
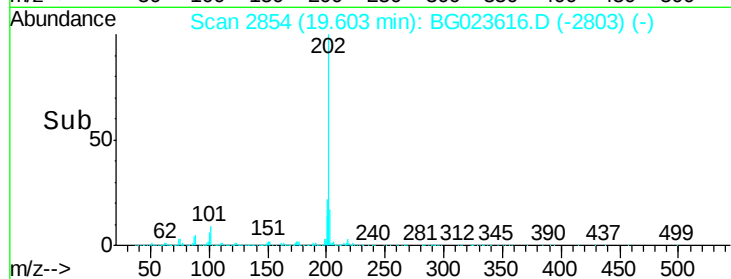
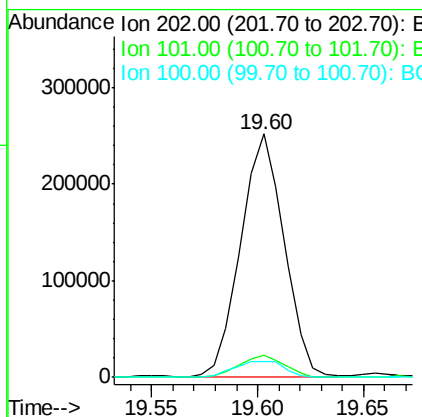
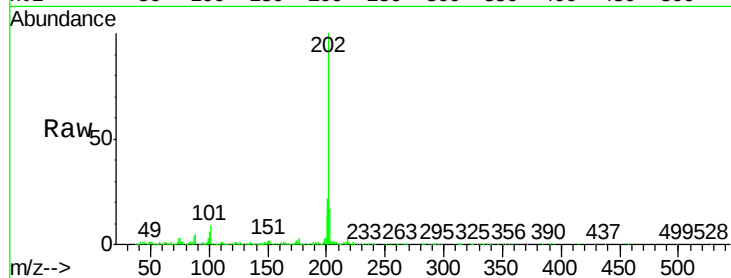
#74
 Fluoranthene
 Concen: 4.69 ng/ul
 RT: 19.60 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG023616.D
 Acq: 11 Aug 2016 6:23

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS001-1218-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	10.6	16.0#
100	6.3	8.7	13.1#

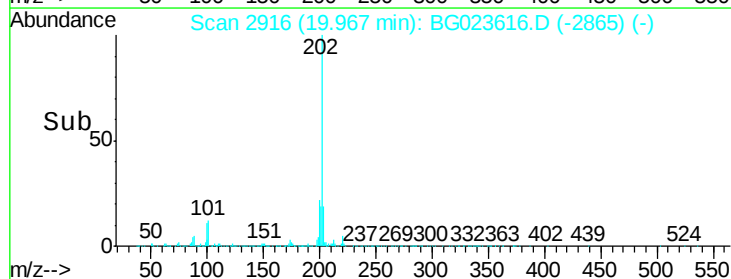
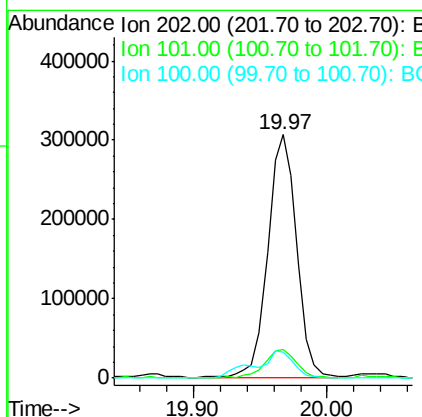
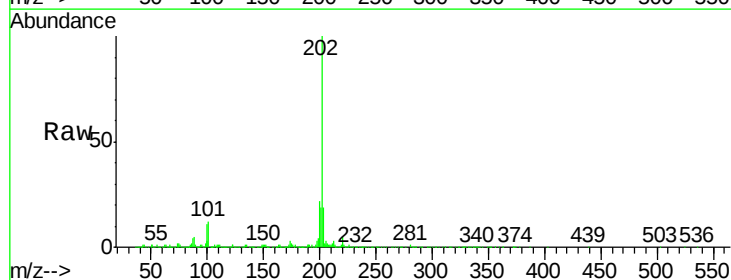
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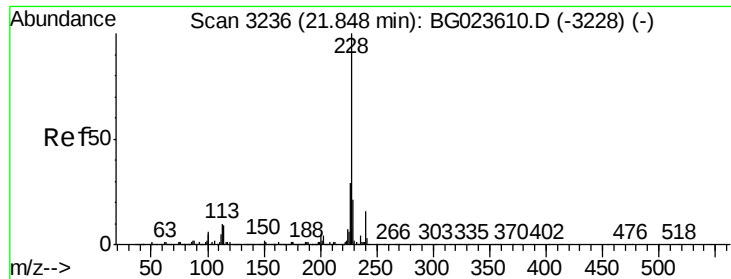
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#77
 Pyrene
 Concen: 5.27 ng/ul
 RT: 19.97 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BG023616.D
 Acq: 11 Aug 2016 6:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	12.5	18.7#
100	10.9	10.2	15.4





#80

Benzo(a)anthracene

Concen: 2.67 ng/ul m

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Instrument :

BNA_G

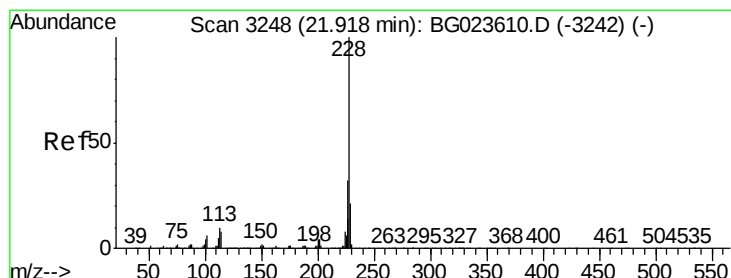
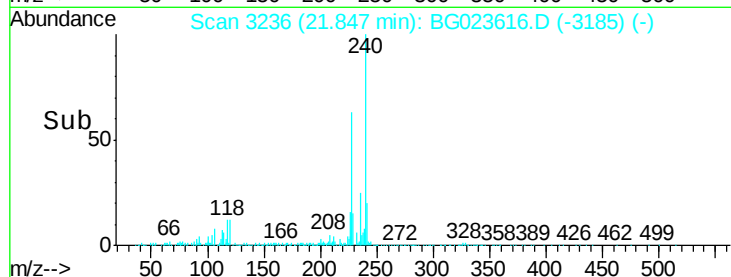
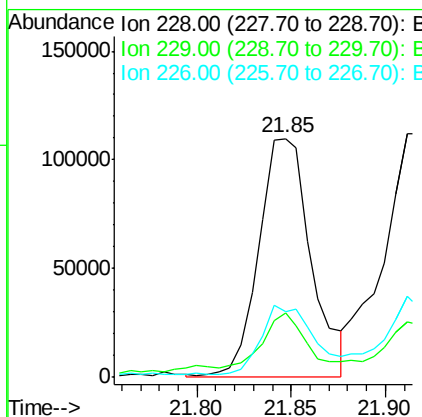
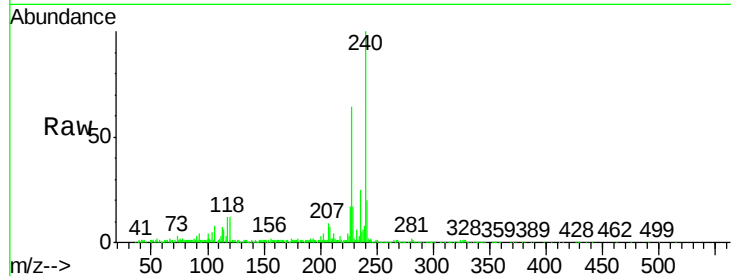
ClientSampleId :

P002-SS001-1218-01

Tgt	Ion:228	Resp:	212334
Ion	Ratio	Lower	Upper
228	100		
229	27.2	15.4	23.2#
226	27.4	22.8	34.2

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#82

Chrysene

Concen: 3.00 ng/ul

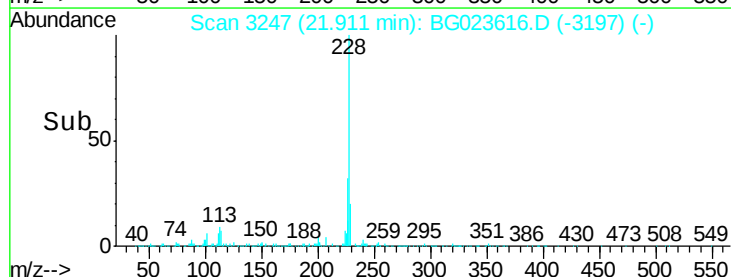
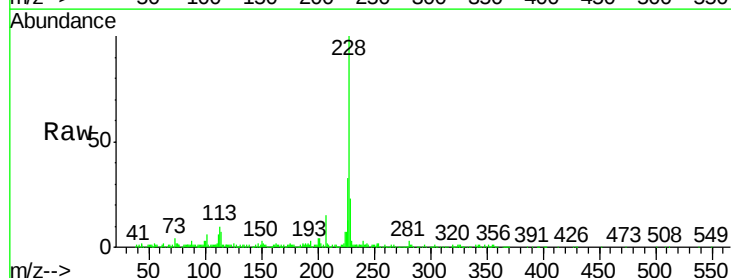
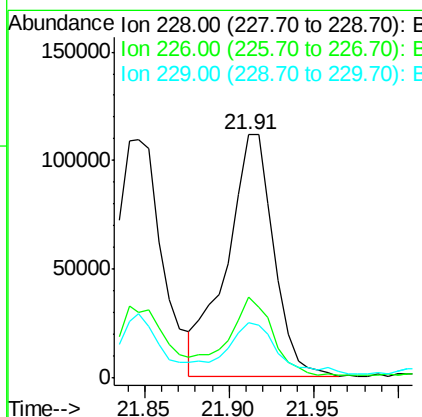
RT: 21.91 min Scan# 3247

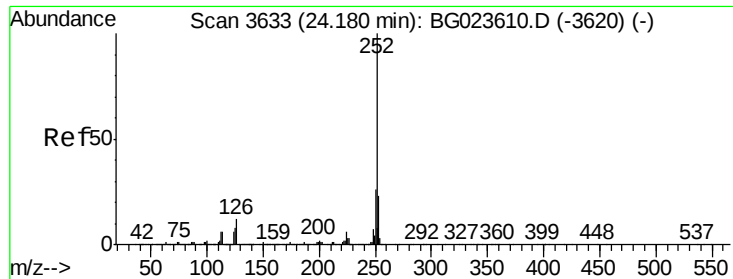
Delta R.T. -0.01 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Tgt	Ion:228	Resp:	216464
Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.4
229	22.6	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 2.58 ng/ul

RT: 24.18 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Instrument :

BNA_G

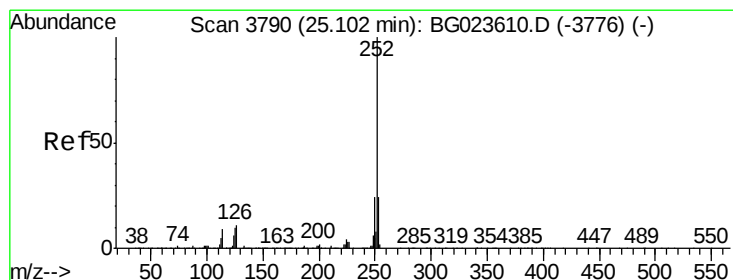
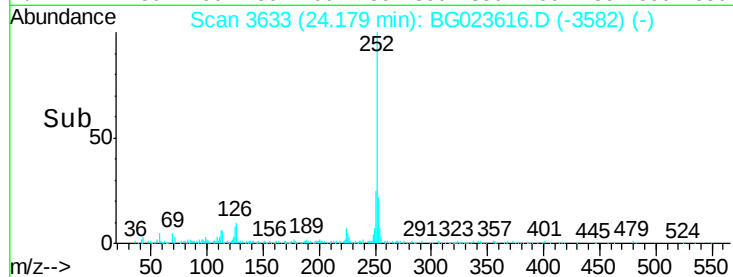
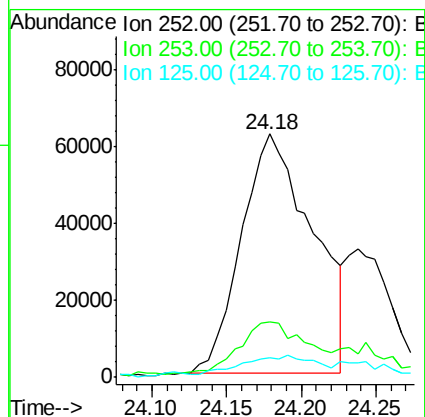
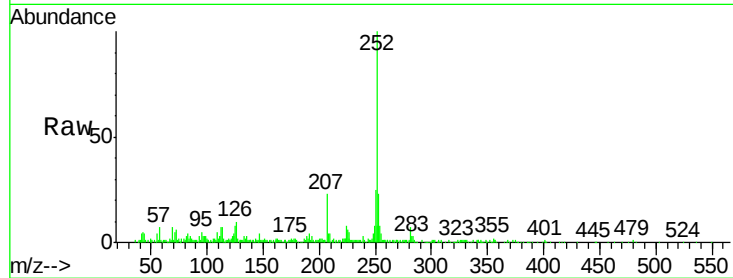
ClientSampleId :

P002-SS001-1218-01

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		206243		
253	22.8	18.2	27.2		
125	8.2	10.8	16.2#		

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#88

Benzo(a)pyrene

Concen: 2.27 ng/ul m

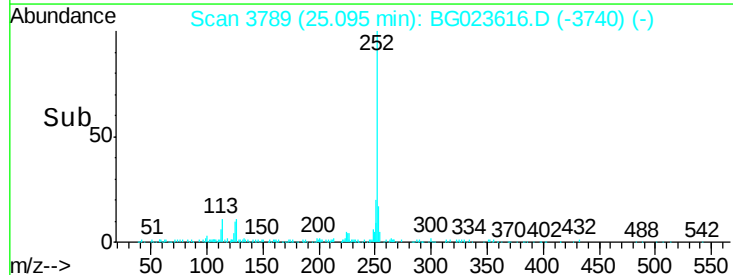
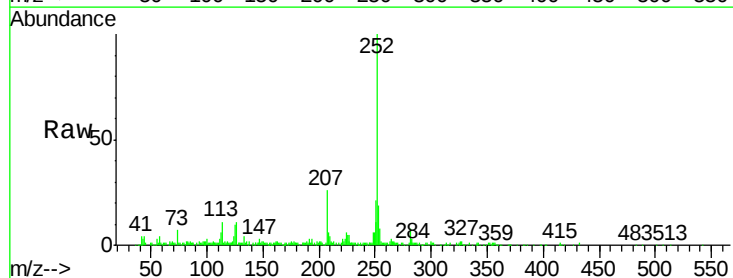
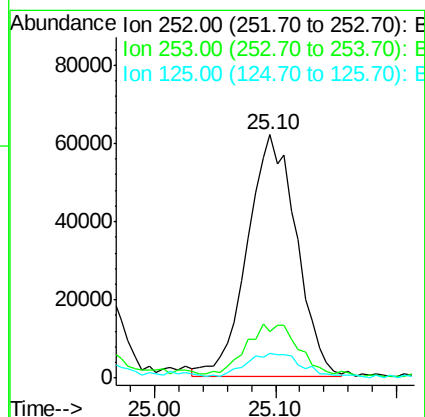
RT: 25.10 min Scan# 3789

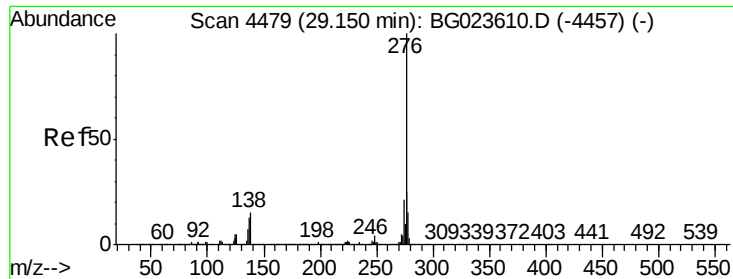
Delta R.T. -0.01 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		174594		
253	18.9	19.0	28.4#		
125	10.4	12.0	18.0#		





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.16 ng/ul

RT: 29.14 min Scan# 4477

Delta R.T. -0.01 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Instrument :

BNA_G

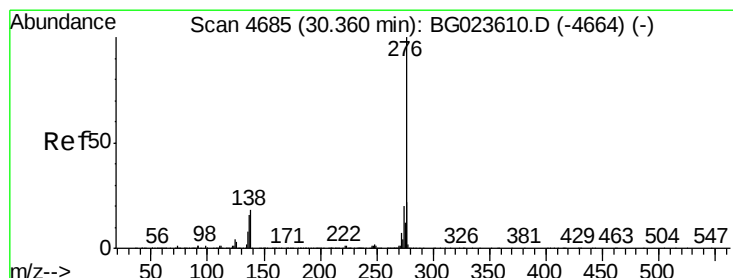
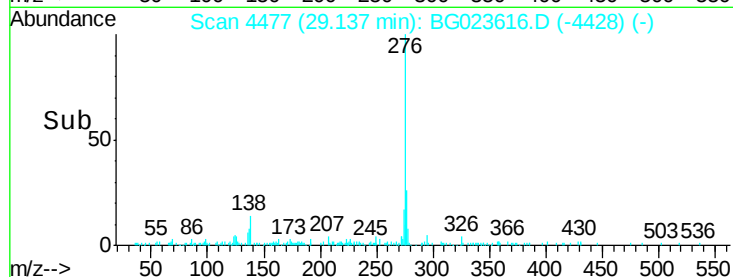
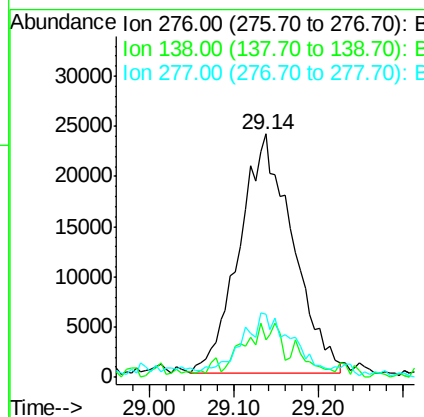
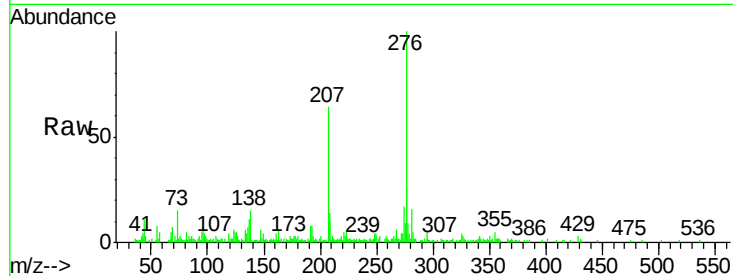
ClientSampleId :

P002-SS001-1218-01

Tgt Ion:	276	Resp:	104630
Ion Ratio		Lower	Upper
276	100		
138	15.4	20.8	31.2#
277	26.1	17.6	26.4

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#91

Benzo(g,h,i)perylene

Concen: 1.39 ng/ul m

RT: 30.36 min Scan# 4686

Delta R.T. -0.01 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Tgt Ion:	276	Resp:	104483
Ion Ratio		Lower	Upper
276	100		
138	11.4	22.1	33.1#
277	26.9	17.0	25.4#

