

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023606.D
 Acq On : 10 Aug 2016 23:49
 Operator : UM/SJ
 Sample : H4384-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-0206-01

Manual Integrations
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Quant Time: Aug 11 05:31:30 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	160694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	750126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	528821	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1284988	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1286459	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	1268517	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10912	2.89	ng/uL	0.00
5) Phenol-d5	7.26	99	243748	15.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	163600	15.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	175295	15.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	199649	15.80	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	95289m	16.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	111323	16.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	201277	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	259097	17.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	755521	17.45	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	863969	17.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	124862m	16.89	ng/ul	0.00
57) Fluorene-d10	15.78	176	704413	17.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	123169m	14.94	ng/ul	0.00
70) Anthracene-d10	17.65	188	1083649	18.72	ng/ul	0.00
76) Pyrene-d10	19.94	212	1198865	18.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1074745	18.72	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	14.22	163	300966	7.02 ng/ul	98
69) Phenanthrene	17.59	178	200373	3.01 ng/ul	98
74) Fluoranthene	19.60	202	247635	3.63 ng/ul#	90
77) Pyrene	19.97	202	356377	4.48 ng/ul#	92
80) Benzo(a)anthracene	21.85	228	122280m	1.69 ng/ul	
82) Chrysene	21.91	228	155918	2.37 ng/ul	97
85) Benzo(b)fluoranthene	24.17	252	135174m	1.87 ng/ul	
88) Benzo(a)pyrene	25.09	252	98578	1.42 ng/ul#	90
91) Benzo(g,h,i)perylene	30.37	276	68344m	1.01 ng/ul	

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

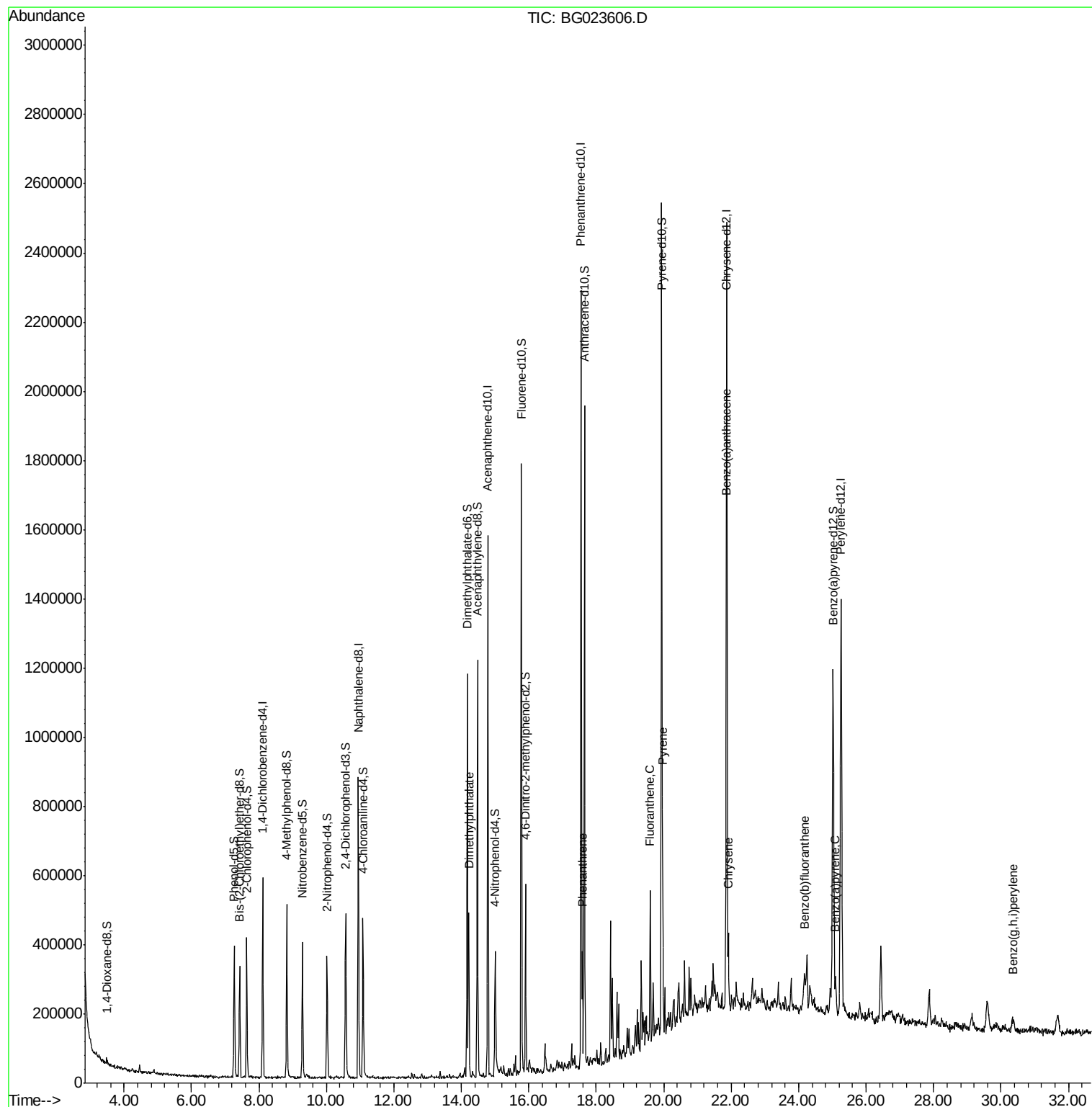
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
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Acq On : 10 Aug 2016 23:49
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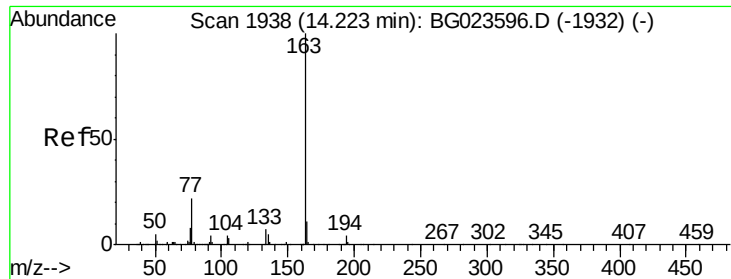
Instrument :
BNA_G
ClientSampleId :
P001-SS003-0206-01

Manual Integrations
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Quant Time: Aug 11 05:31:30 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





#44

Dimethylphthalate

Concen: 7.02 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

Instrument :

BNA_G

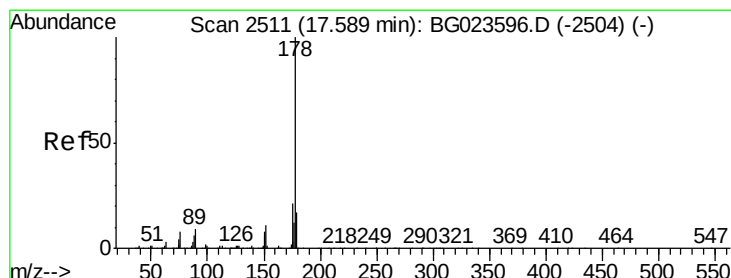
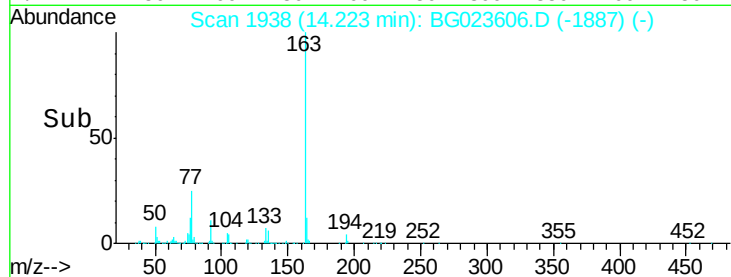
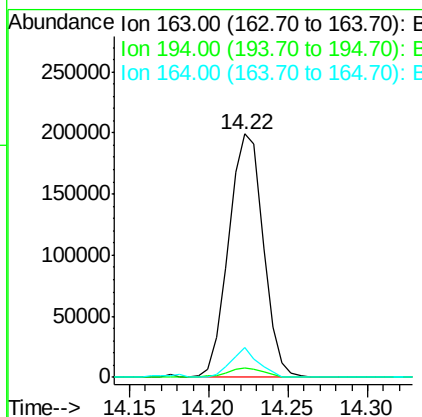
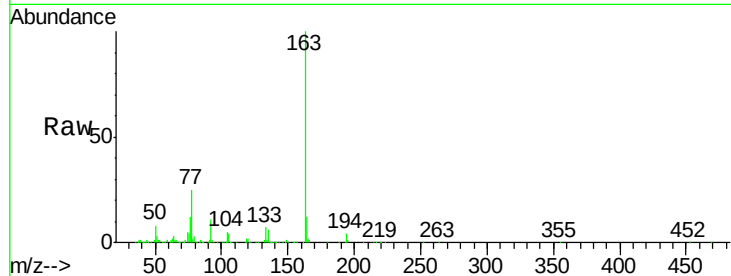
ClientSampleId :

P001-SS003-0206-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	300966		
194	3.6		3.4	5.2
164	12.0		8.8	13.2

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#69

Phenanthrene

Concen: 3.01 ng/ul

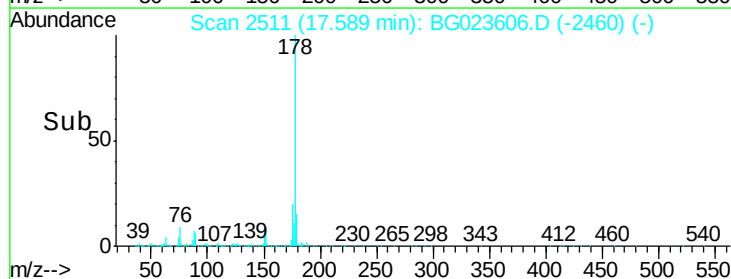
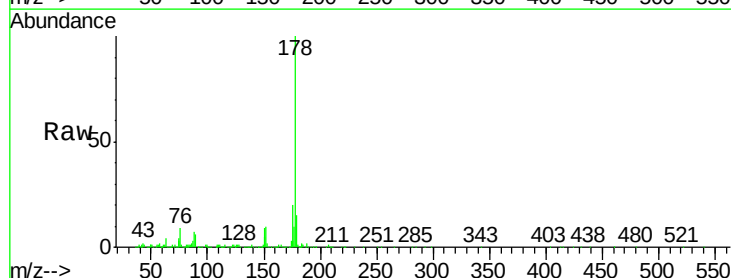
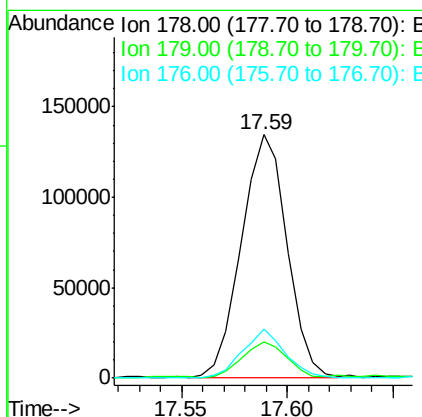
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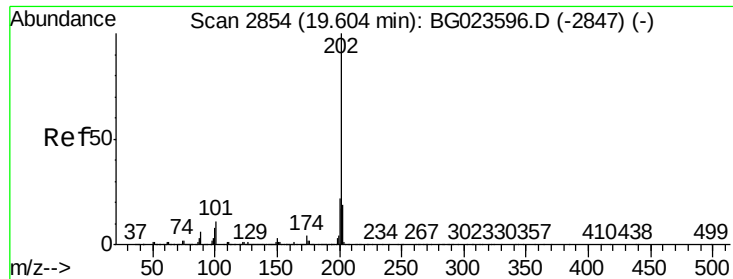
Delta R.T. 0.00 min

Lab File: BG023606.D

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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	200373		
179	14.8		12.9	19.3
176	20.0		15.8	23.8





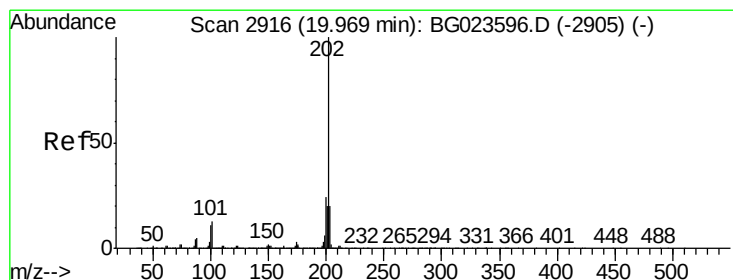
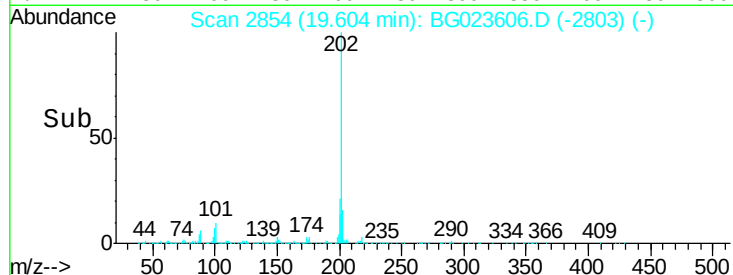
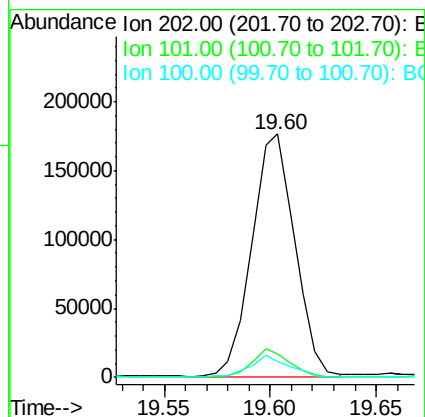
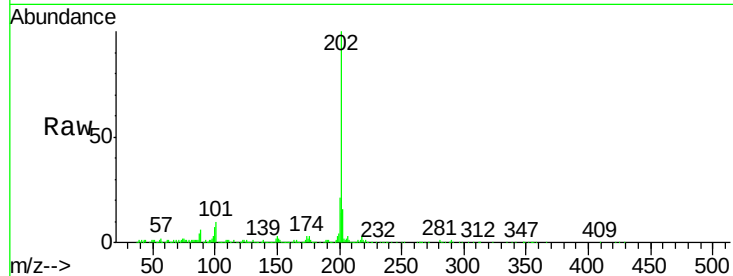
#74
Fluoranthene
Concen: 3.63 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023606.D
Acq: 10 Aug 2016 23:49

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0206-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	10.6	16.0#
100	6.7	8.7	13.1#

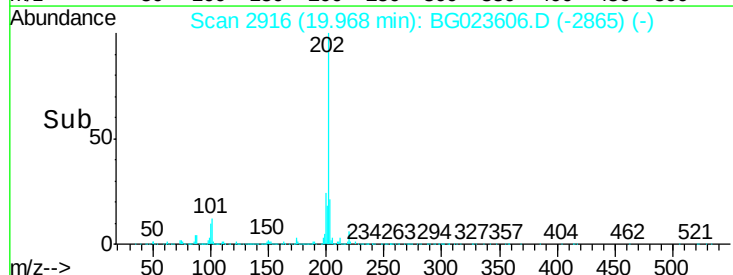
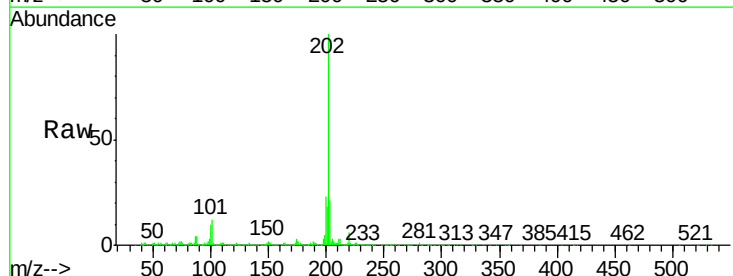
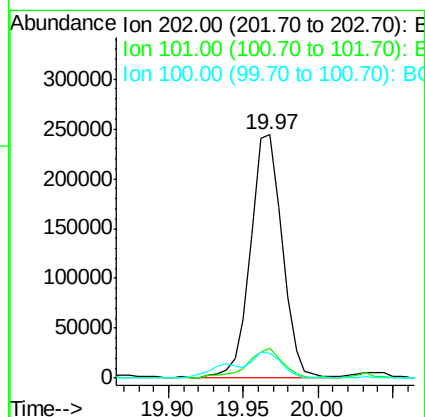
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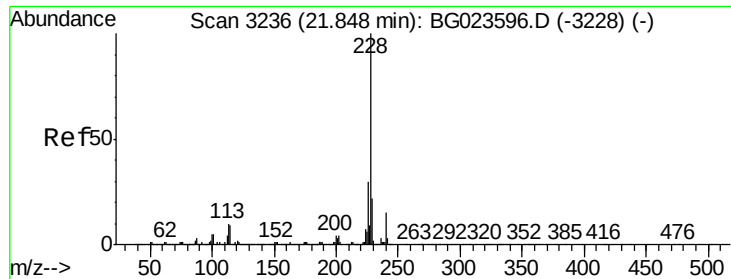
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#77
Pyrene
Concen: 4.48 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023606.D
Acq: 10 Aug 2016 23:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	12.5	18.7#
100	10.0	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 1.69 ng/ul m

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

Instrument :

BNA_G

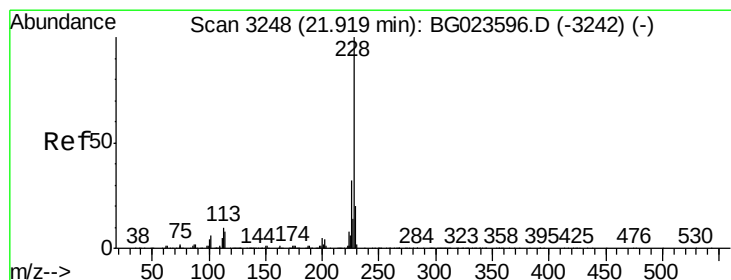
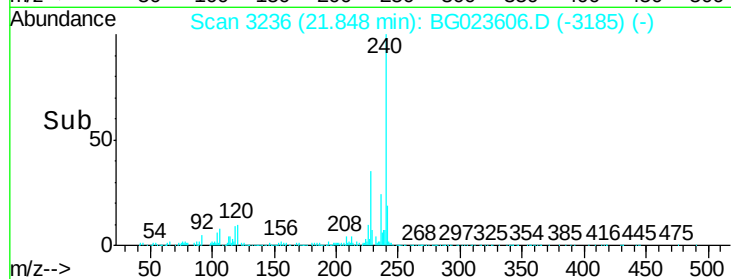
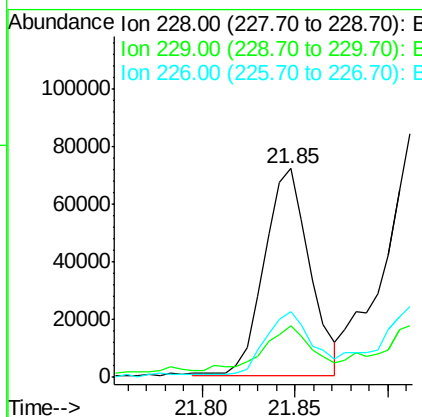
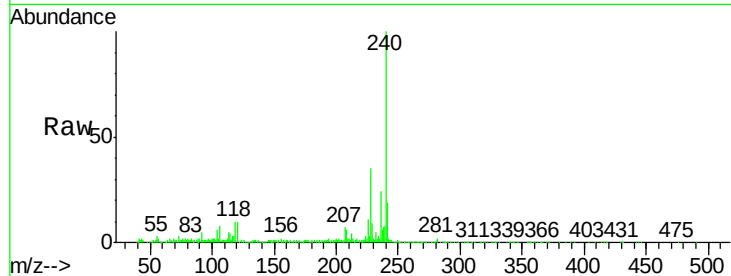
ClientSampleId :

P001-SS003-0206-01

Tgt Ion:	228	Resp:	122280
Ion Ratio	Lower	Upper	
228	100		
229	24.5	15.4	23.2#
226	31.7	22.8	34.2

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#82

Chrysene

Concen: 2.37 ng/ul

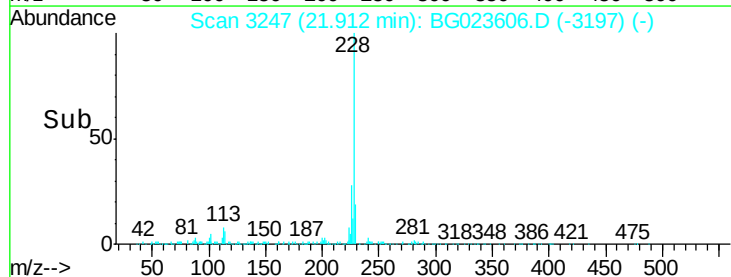
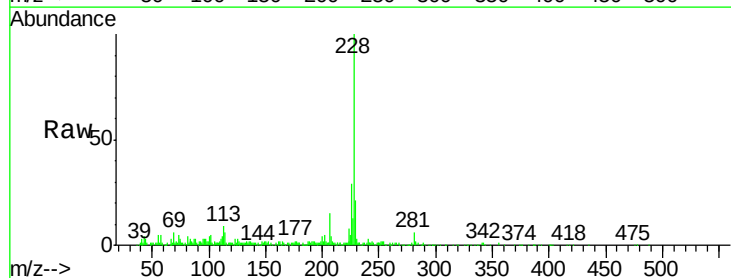
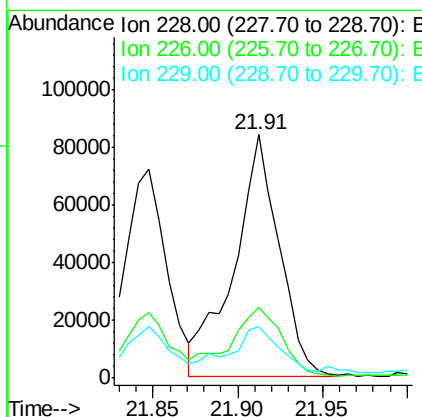
RT: 21.91 min Scan# 3247

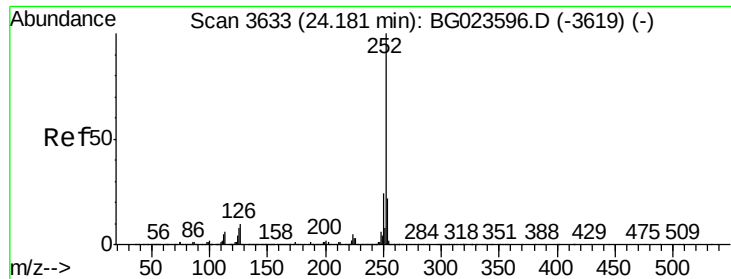
Delta R.T. -0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

Tgt Ion:	228	Resp:	155918
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.2	36.4
229	21.0	15.0	22.6





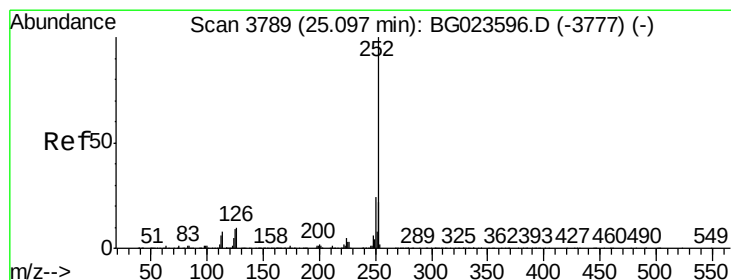
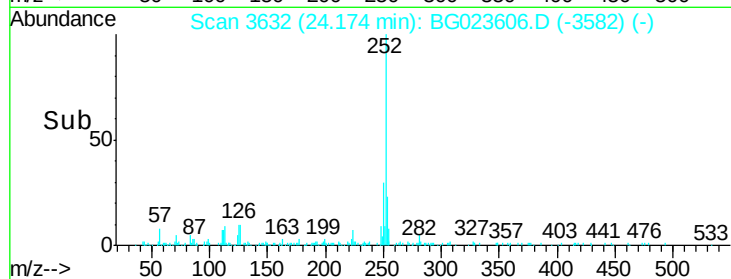
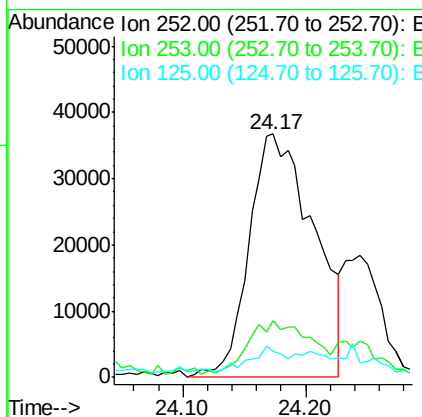
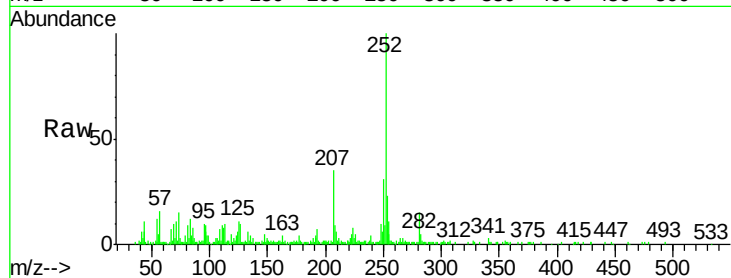
#85
Benzo(b)fluoranthene
Concen: 1.87 ng/ul m
RT: 24.17 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG023606.D
Acq: 10 Aug 2016 23:49

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0206-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.9	10.8	16.2

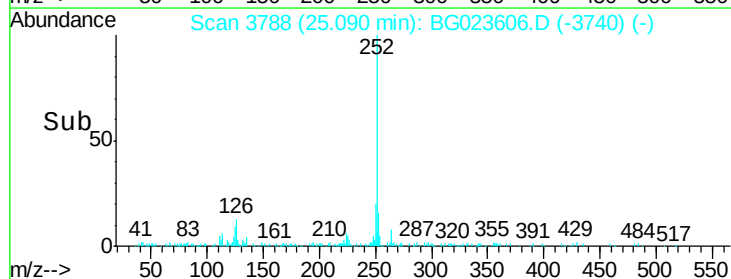
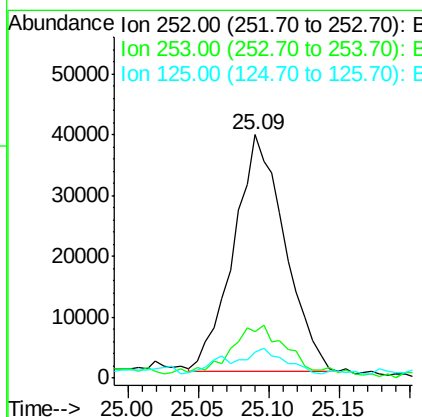
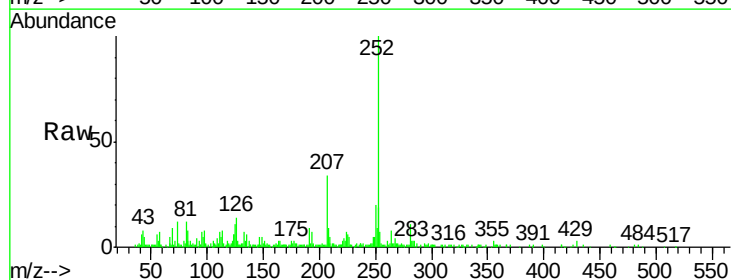
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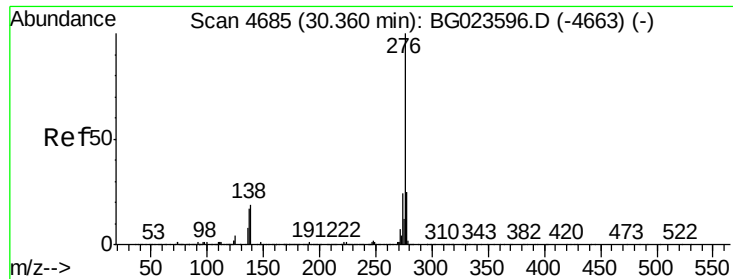
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#88
Benzo(a)pyrene
Concen: 1.42 ng/ul
RT: 25.09 min Scan# 3788
Delta R.T. -0.02 min
Lab File: BG023606.D
Acq: 10 Aug 2016 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.0	19.0	28.4
125	10.9	12.0	18.0#





#91

Benzo(g,h,i)perylene

Concen: 1.01 ng/ul m

RT: 30.37 min Scan# 4686

Delta R.T. -0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0206-01

Tgt Ion:	276	Resp:	68344
Ion Ratio	Lower	Upper	
276	100		
138	10.2	22.1	33.1#
277	21.7	17.0	25.4

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