

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023633.D
 Acq On : 11 Aug 2016 22:12
 Operator : UM/SJ
 Sample : H4360-18 4X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-3642-01

Manual Integrations
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Quant Time: Aug 12 05:12:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	154429	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.94	136	707340	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	478291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1089377	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1107551	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1123276	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	1307m	0.36	ng/uL	0.00
5) Phenol-d5	7.27	99	50422	3.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	34023	3.41	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	37191	3.50	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	36182	2.98	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	18829	3.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	25355	3.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	42616	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	18533	1.31	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	143846	3.67	ng/ul	-0.01
46) Acenaphthylene-d8	14.47	160	167945	3.81	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.02	143	19125m	2.86	ng/ul	0.02
57) Fluorene-d10	15.78	176	134330	3.71	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	10048	1.44	ng/ul	0.00
70) Anthracene-d10	17.65	188	194677	3.97	ng/ul	-0.01
76) Pyrene-d10	19.94	212	208962	3.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	194592	3.83	ng/ul	-0.02

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	70183	1.81	ng/ul#	96
69) Phenanthrene	17.59	178	130169	2.31	ng/ul	96
74) Fluoranthene	19.60	202	256612	4.44	ng/ul#	92
77) Pyrene	19.97	202	269297	3.93	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	150323	2.41	ng/ul#	95
82) Chrysene	21.92	228	152849	2.70	ng/ul#	94
85) Benzo(b)fluoranthene	24.19	252	192840	3.02	ng/ul	98
88) Benzo(a)pyrene	25.10	252	137951m	2.24	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.14	276	91627m	1.26	ng/ul	
91) Benzo(g,h,i)perylene	30.36	276	86032m	1.43	ng/ul	

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

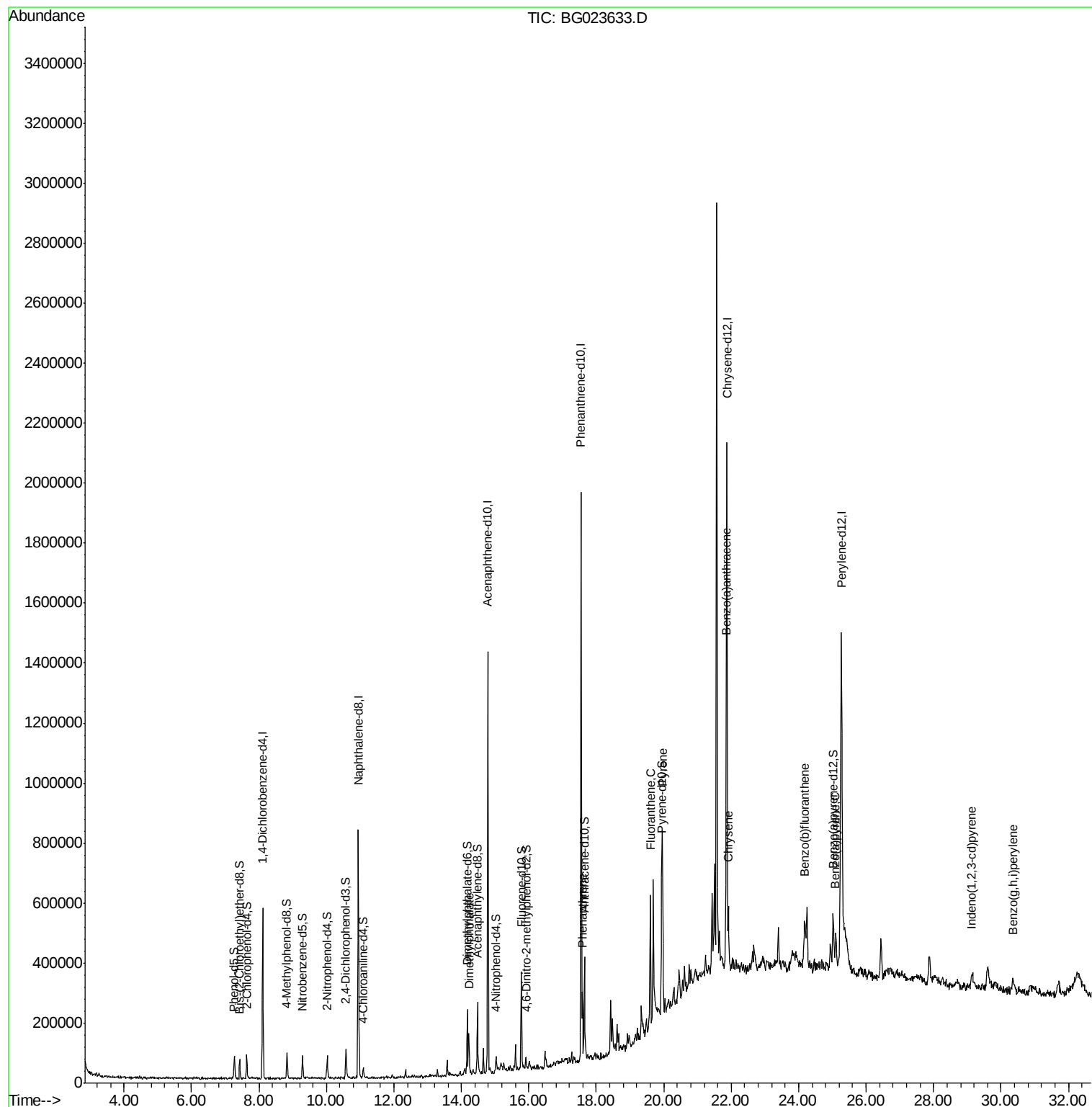
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023633.D
Acq On : 11 Aug 2016 22:12
Operator : UM/SJ
Sample : H4360-18 4X
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ALS Vial : 13 Sample Multiplier: 1

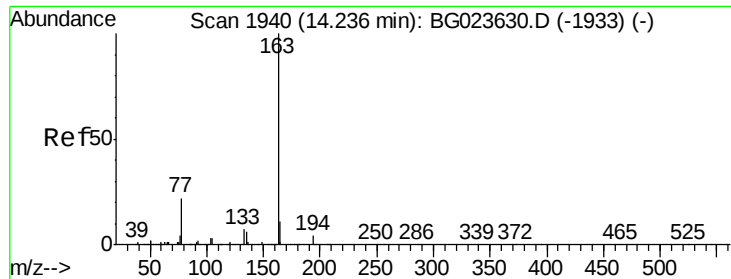
Instrument :
BNA_G
ClientSampleId :
PR001-SS003-3642-01

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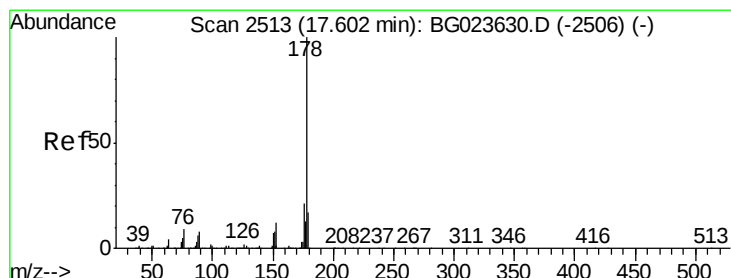
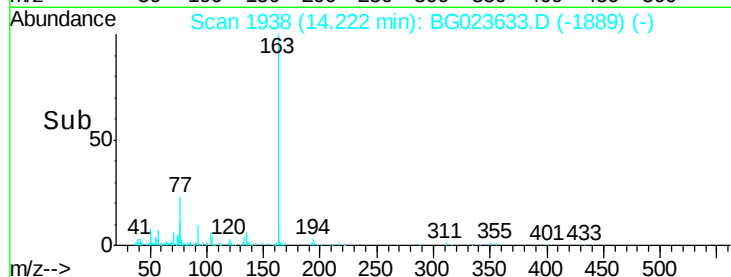
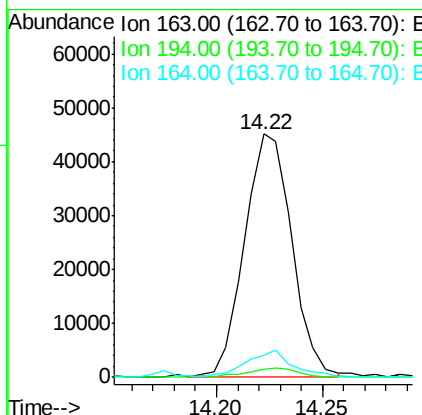
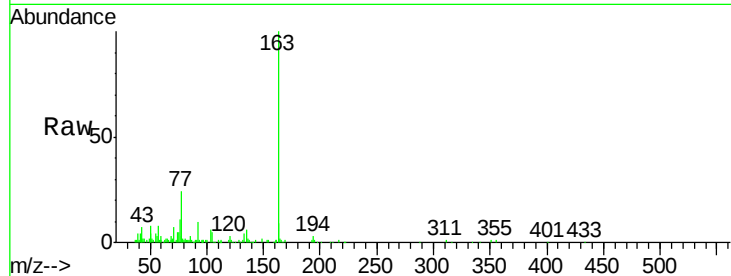
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Dimethylphthalate
Concen: 1.81 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023633.D
Acq: 11 Aug 2016 22:12

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-3642-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.2#
164	9.2	8.8	13.2

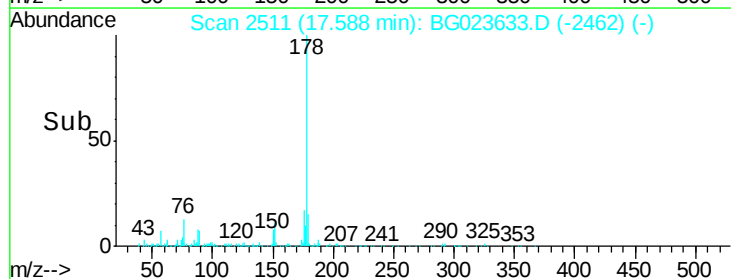
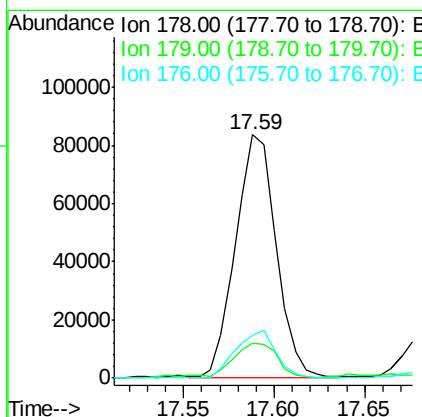
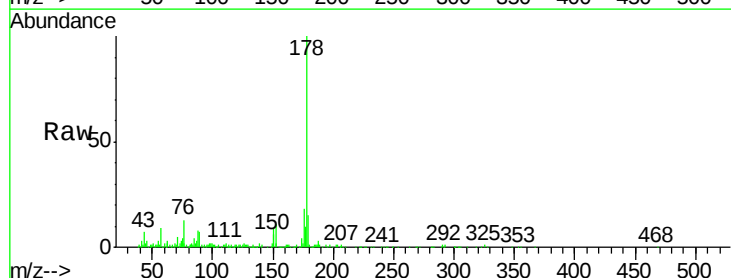
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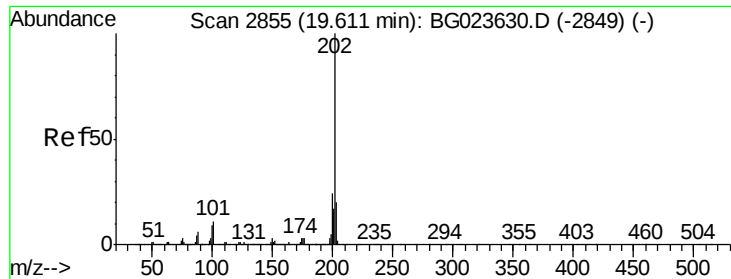
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#69
Phenanthrene
Concen: 2.31 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023633.D
Acq: 11 Aug 2016 22:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.9	19.3
176	17.7	15.8	23.8





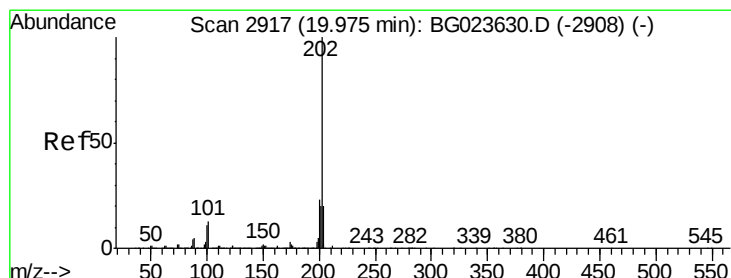
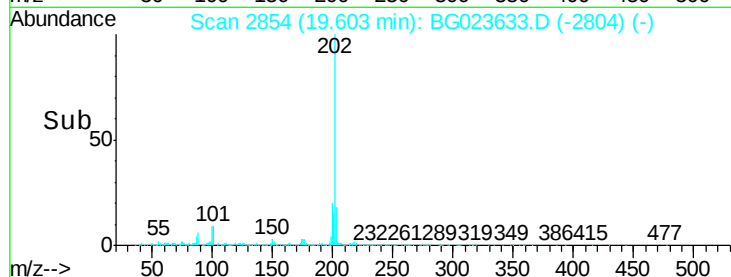
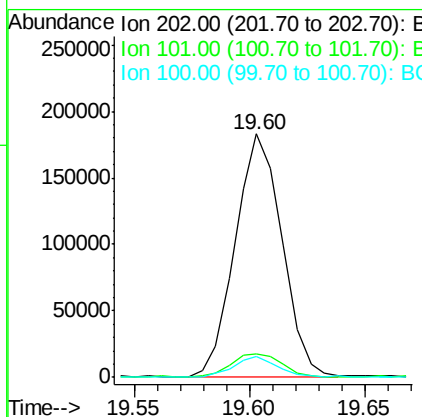
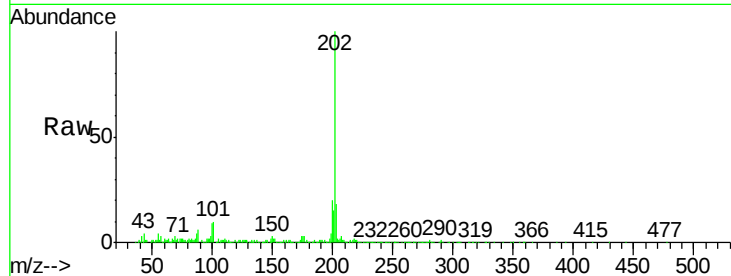
#74
Fluoranthene
Concen: 4.44 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG023633.D
Acq: 11 Aug 2016 22:12

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-3642-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	10.6	16.0#
100	8.7	8.7	13.1#

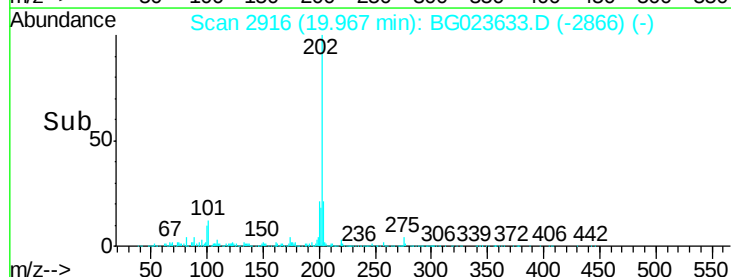
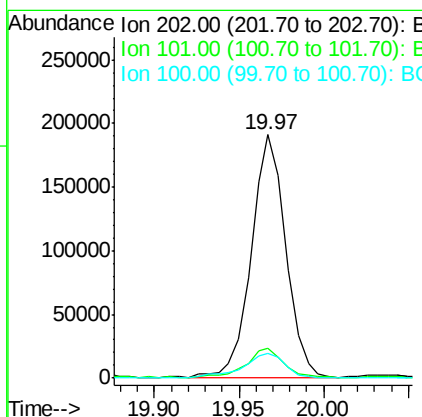
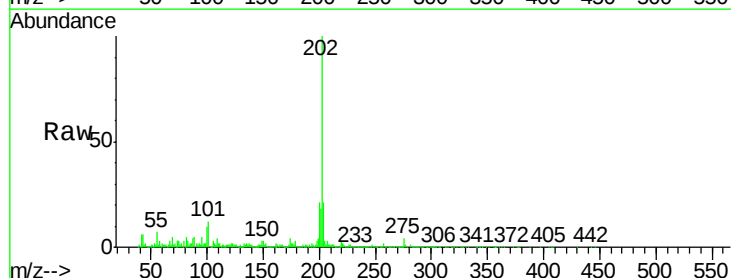
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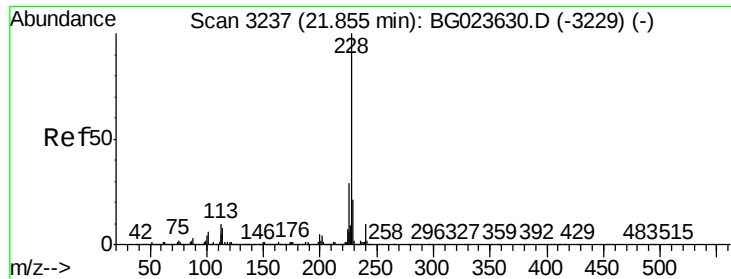
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#77
Pyrene
Concen: 3.93 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. -0.01 min
Lab File: BG023633.D
Acq: 11 Aug 2016 22:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	12.5	18.7#
100	10.1	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 2.41 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

Instrument :

BNA_G

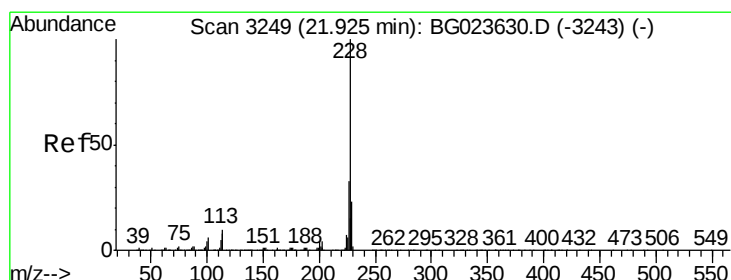
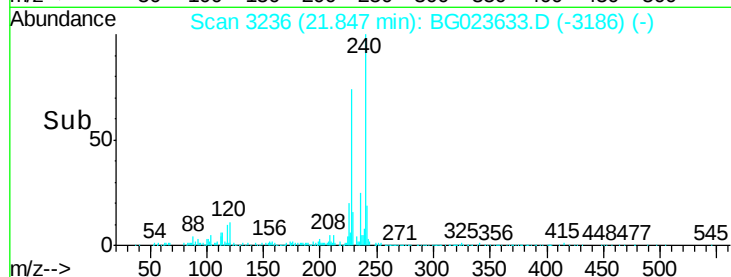
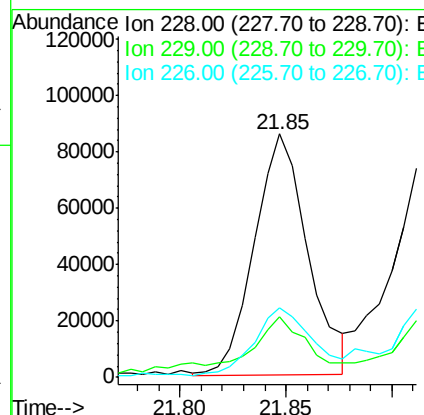
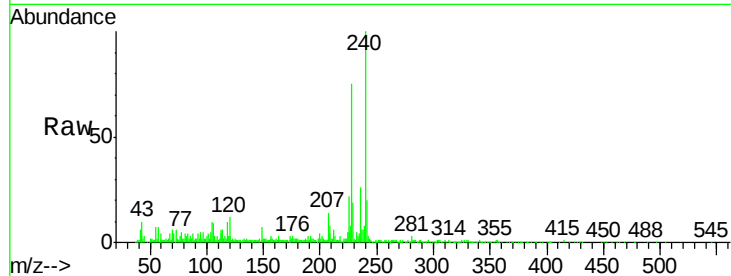
ClientSampleId :

PR001-SS003-3642-01

Tgt Ion:	228	Resp:	150323
Ion Ratio		Lower	Upper
228	100		
229	24.7	15.4	23.2#
226	28.7	22.8	34.2

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#82

Chrysene

Concen: 2.70 ng/ul

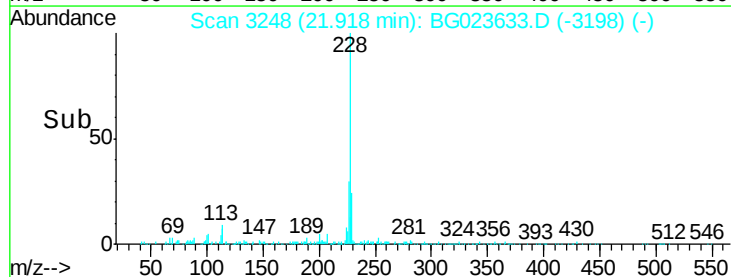
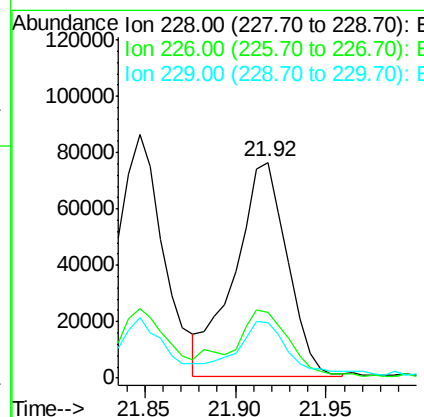
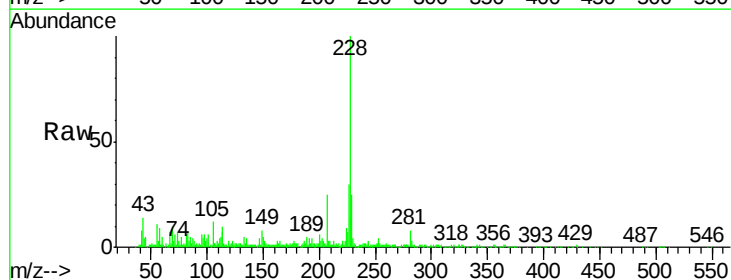
RT: 21.92 min Scan# 3248

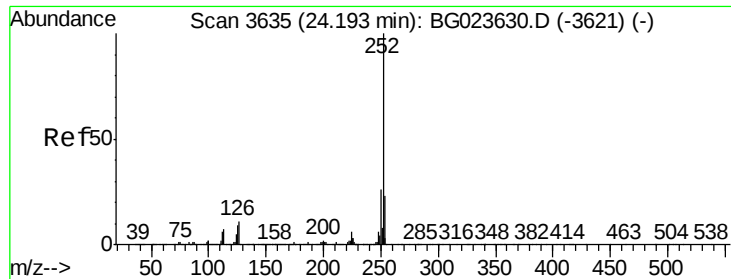
Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

Tgt Ion:	228	Resp:	152849
Ion Ratio		Lower	Upper
228	100		
226	30.5	24.2	36.4
229	25.5	15.0	22.6#





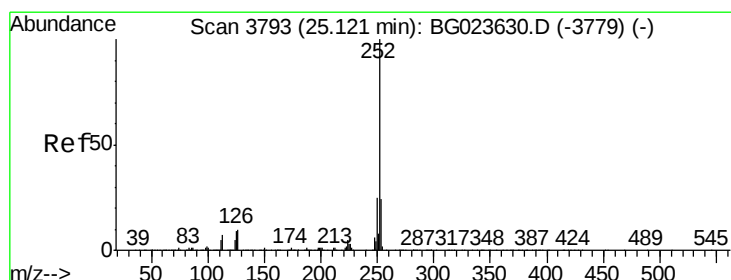
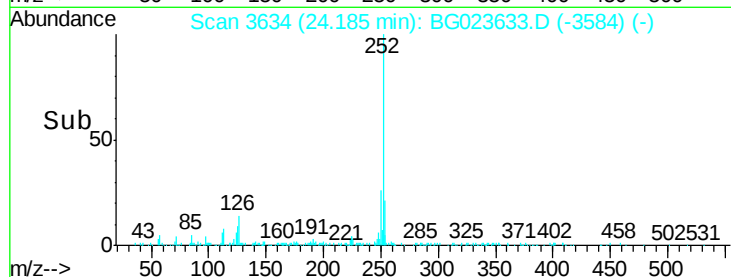
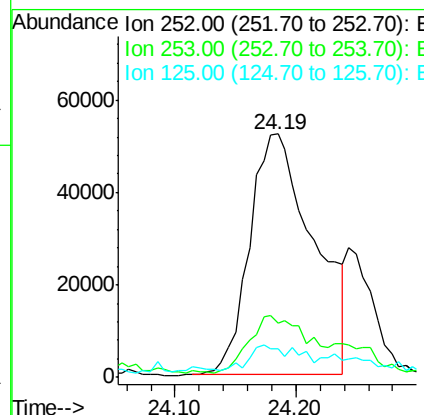
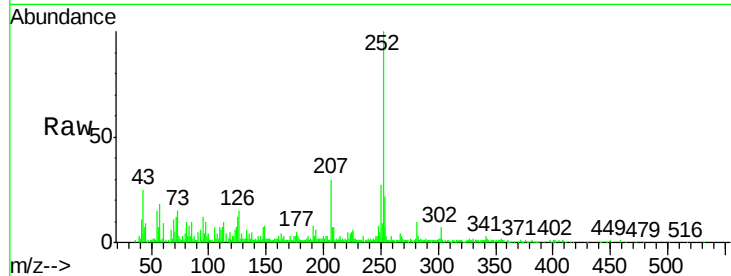
#85
Benzo(b)fluoranthene
Concen: 3.02 ng/ul
RT: 24.19 min Scan# 3634
Delta R.T. -0.01 min
Lab File: BG023633.D
Acq: 11 Aug 2016 22:12

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-3642-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	192840		
253	22.4	18.2	27.2	
125	11.6	10.8	16.2	

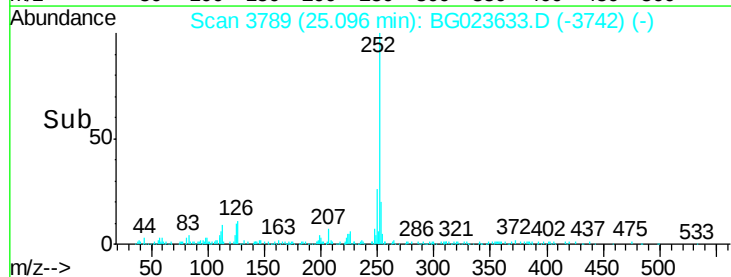
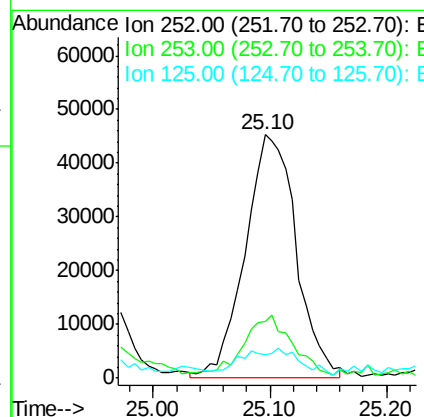
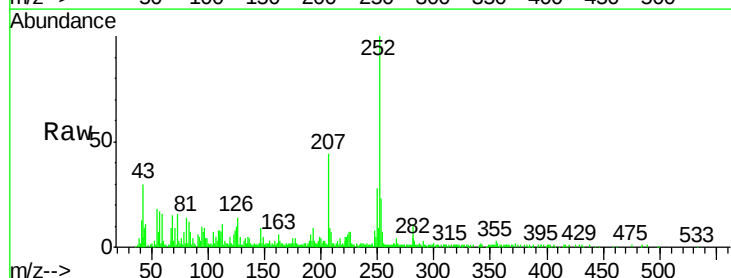
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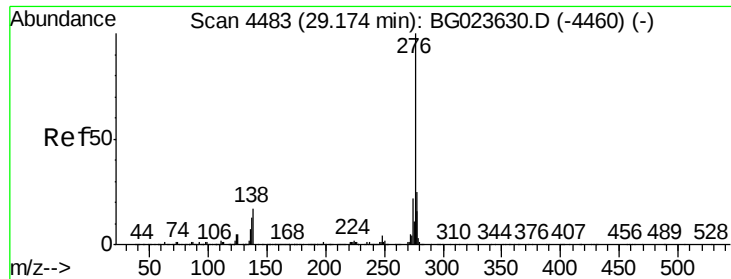
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#88
Benzo(a)pyrene
Concen: 2.24 ng/ul m
RT: 25.10 min Scan# 3789
Delta R.T. -0.03 min
Lab File: BG023633.D
Acq: 11 Aug 2016 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	137951		
253	23.4	19.0	28.4	
125	9.7	12.0	18.0	





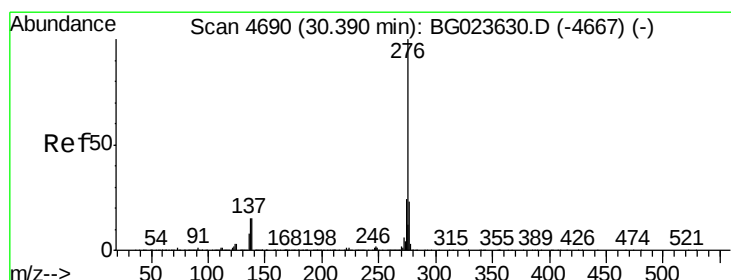
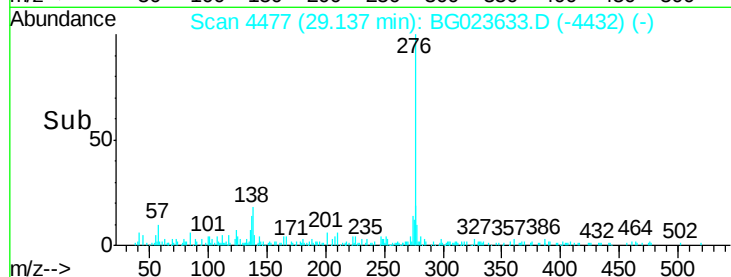
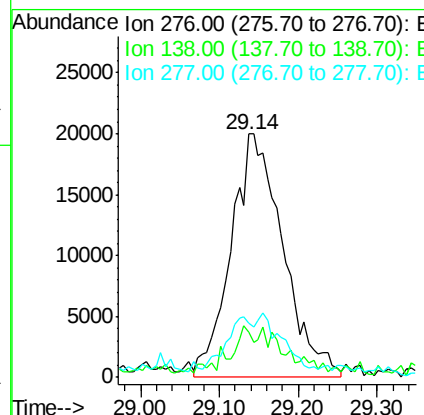
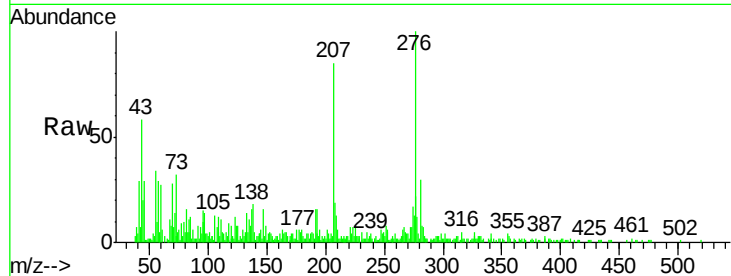
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.26 ng/ul m
 RT: 29.14 min Scan# 4477
 Delta R.T. -0.04 min
 Lab File: BG023633.D
 Acq: 11 Aug 2016 22:12

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-3642-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	20.8	31.2#
277	22.4	17.6	26.4

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#91
 Benzo(g,h,i)perylene
 Concen: 1.43 ng/ul m
 RT: 30.36 min Scan# 4686
 Delta R.T. -0.03 min
 Lab File: BG023633.D
 Acq: 11 Aug 2016 22:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	22.1	33.1#
277	26.0	17.0	25.4#

