

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023678.D
 Acq On : 13 Aug 2016 5:46
 Operator : UM/SJ
 Sample : H4360-21DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0612-01DL

Manual Integrations
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Quant Time: Aug 15 18:24:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	101121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	464735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	327590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	779972	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	759177	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	759135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.27	99	7820	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	13031m	2.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	11000	1.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	3539	0.45	ng/ul	0.01
19) Nitrobenzene-d5	9.30	128	7387	2.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	7676	1.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	12679m	1.60	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	7186	0.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	63564	2.37	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	73883	2.45	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.78	176	61556	2.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	1682	0.34	ng/ul	0.01
70) Anthracene-d10	17.65	188	90308	2.57	ng/ul	0.00
76) Pyrene-d10	19.94	212	97103	2.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	83186	2.42	ng/ul	0.00

Target Compounds

						Qvalue
69) Phenanthrene	17.59	178	153928	3.81	ng/ul	99
74) Fluoranthene	19.61	202	207221	5.01	ng/ul#	89
77) Pyrene	19.97	202	220628m	4.70	ng/ul	
80) Benzo(a)anthracene	21.85	228	97743	2.29	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.73	149	1576600	65.87	ng/ul#	94
82) Chrysene	21.92	228	97218	2.50	ng/ul#	91
85) Benzo(b)fluoranthene	24.19	252	99988	2.32	ng/ul#	92
88) Benzo(a)pyrene	25.11	252	81271	1.95	ng/ul#	96
91) Benzo(g,h,i)perylene	30.39	276	50521m	1.24	ng/ul	

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

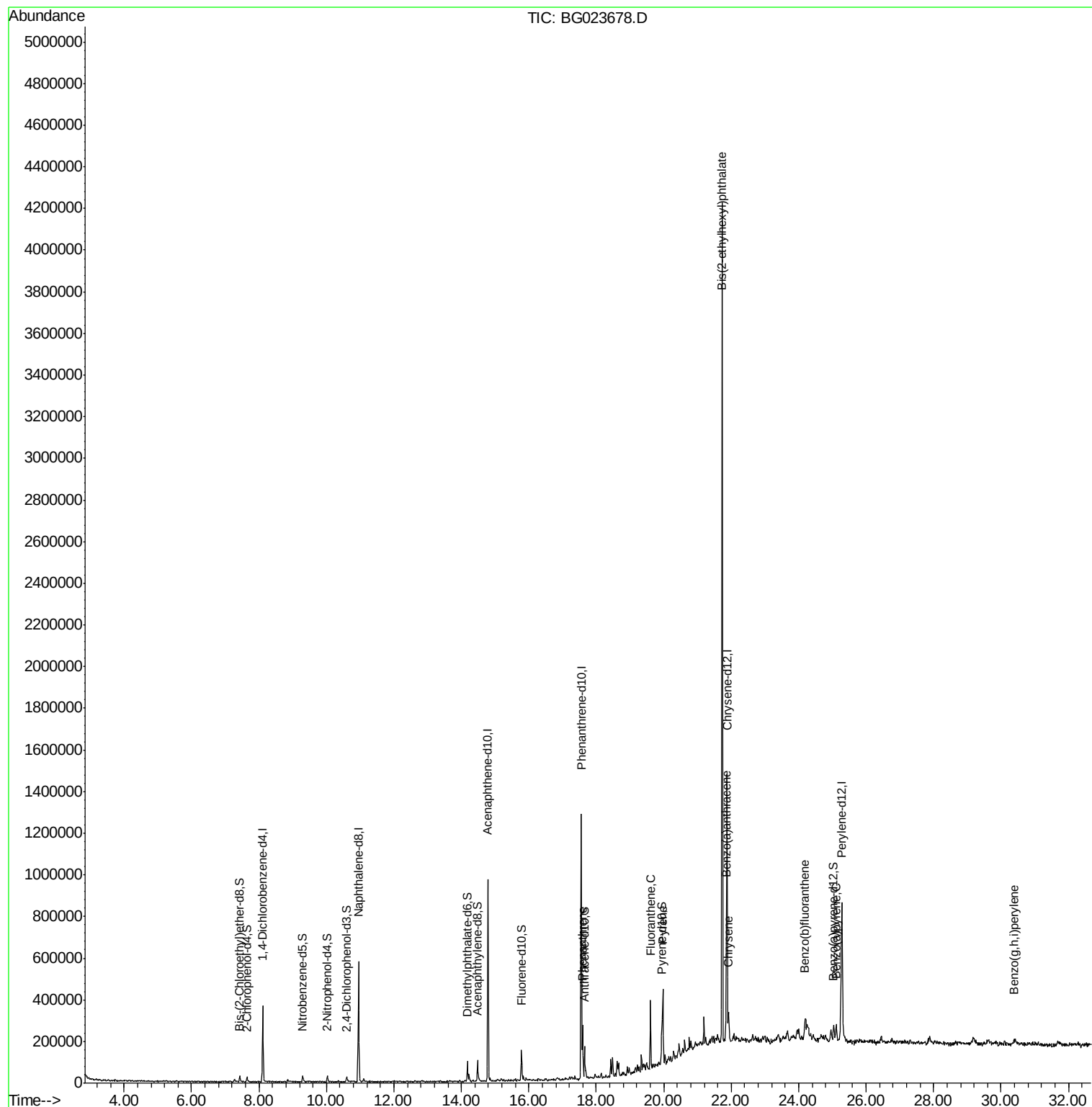
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
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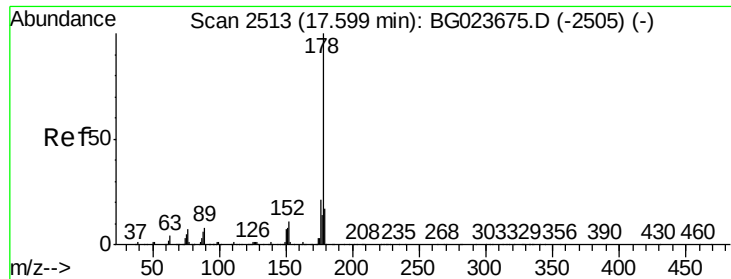
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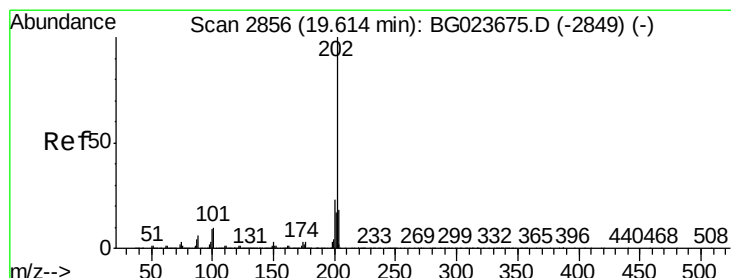
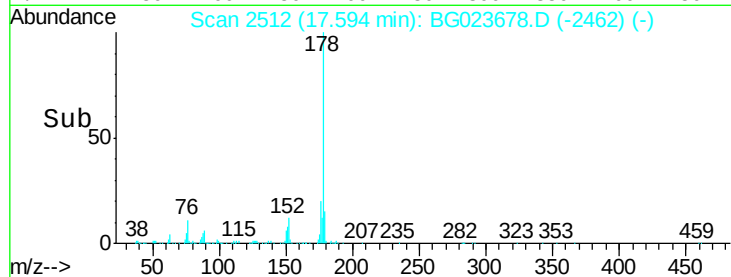
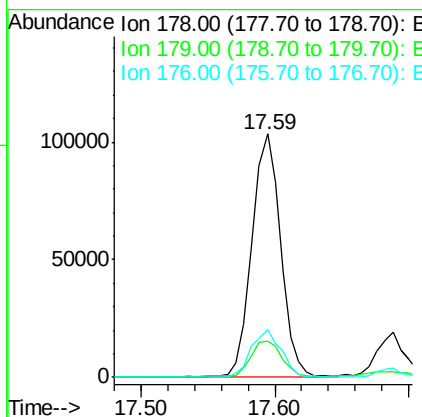
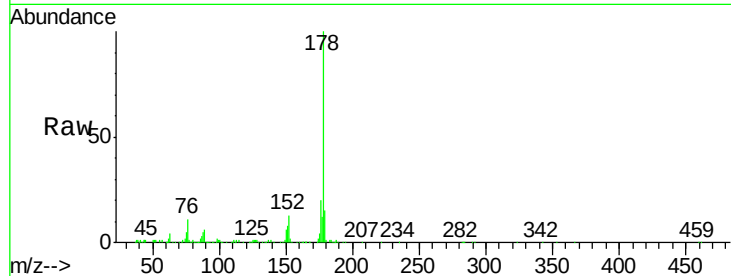
#69
Phenanthrene
Concen: 3.81 ng/ul
RT: 17.59 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG023678.D
Acq: 13 Aug 2016 5:46

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0612-01DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.8	12.9	19.3
176	19.7	15.8	23.8

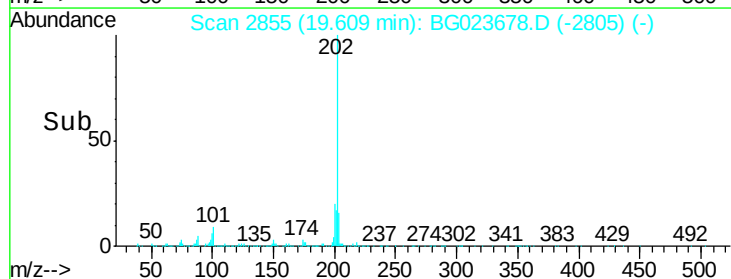
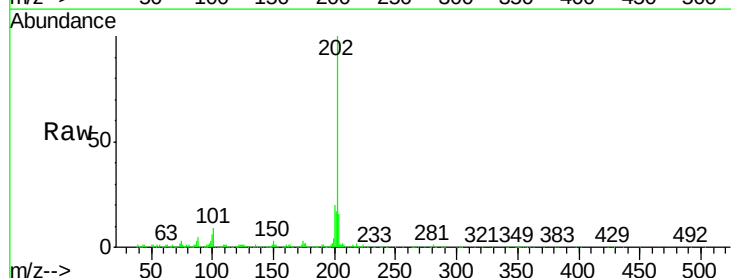
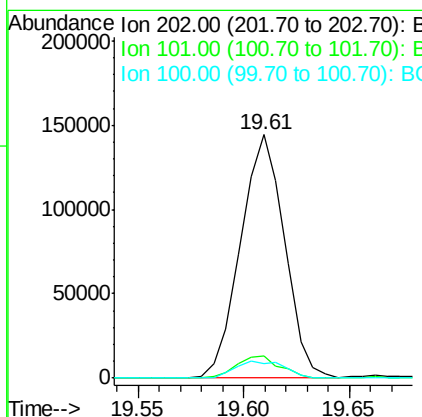
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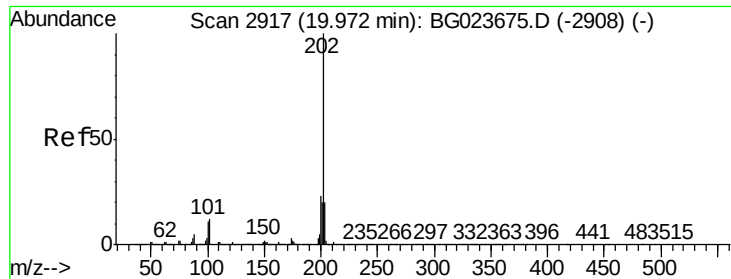
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#74
Fluoranthene
Concen: 5.01 ng/ul
RT: 19.61 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG023678.D
Acq: 13 Aug 2016 5:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	10.6	16.0#
100	6.2	8.7	13.1#





#77

Pyrene

Concen: 4.70 ng/ul m

RT: 19.97 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

Instrument :

BNA_G

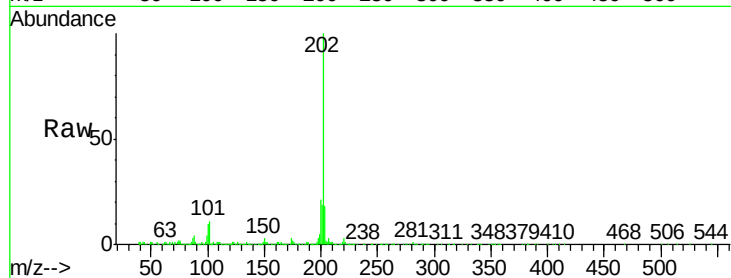
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PR001-SS004-0612-01DL

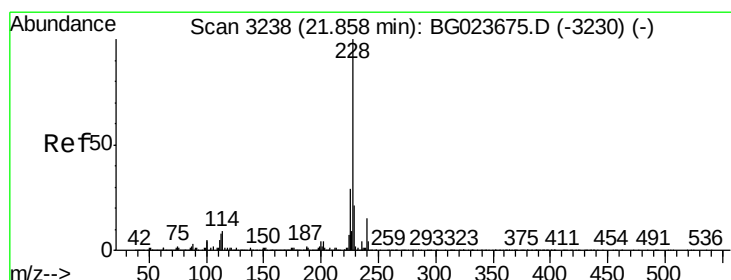
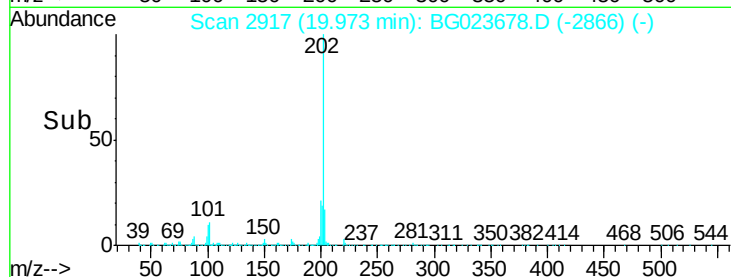
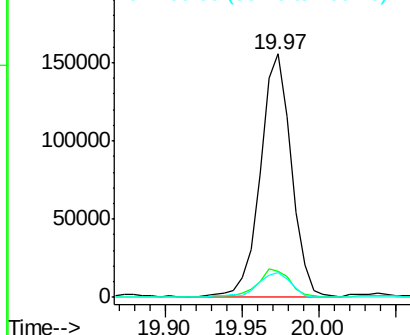
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	12.5	18.7#
100	10.0	10.2	15.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 2.29 ng/ul

RT: 21.85 min Scan# 3237

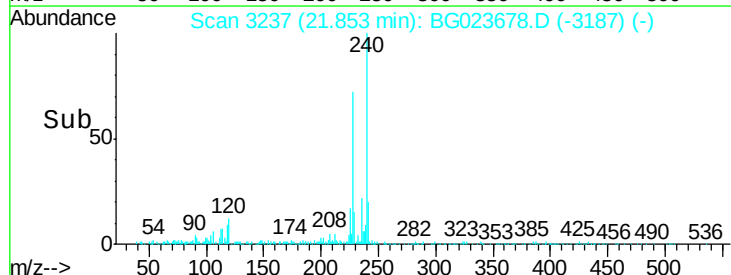
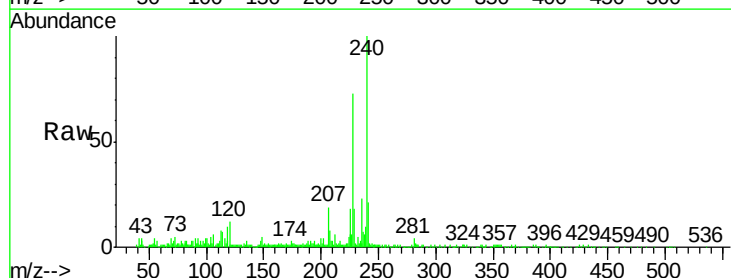
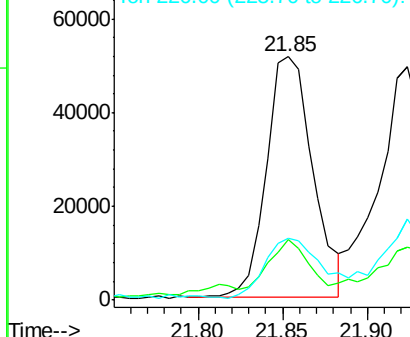
Delta R.T. -0.00 min

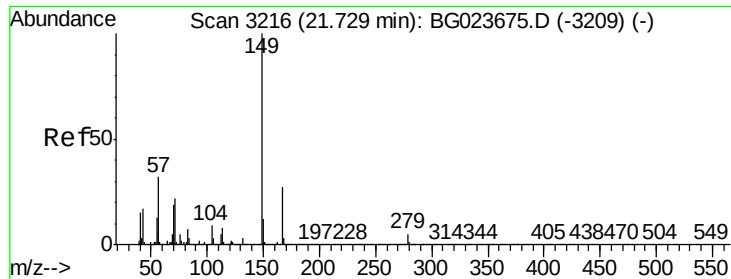
Lab File: BG023678.D

Acq: 13 Aug 2016 5:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.1	15.4	23.2#
226	25.2	22.8	34.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





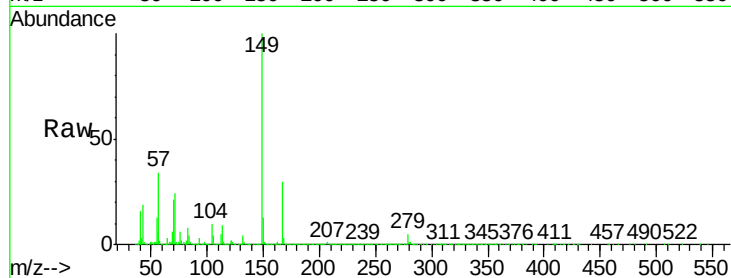
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 65.87 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG023678.D
 Acq: 13 Aug 2016 5:46

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-0612-01DL

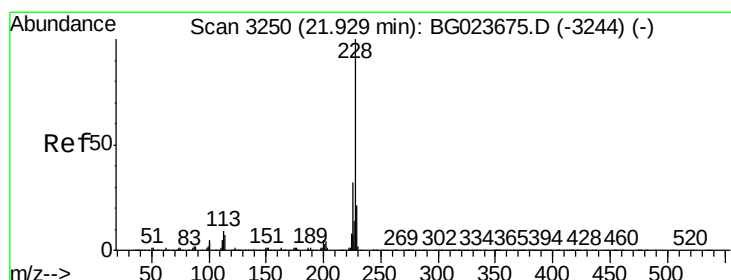
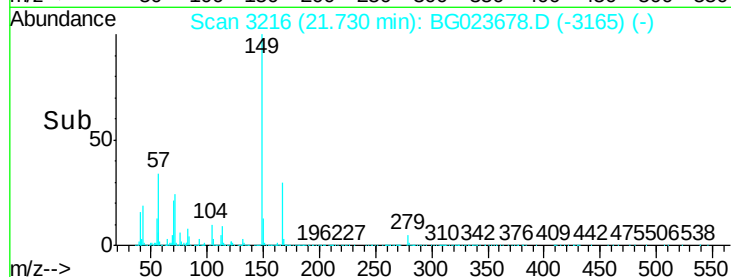
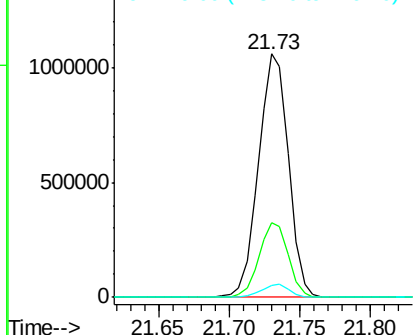
Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.9	32.9
279	4.8	2.9	4.3#

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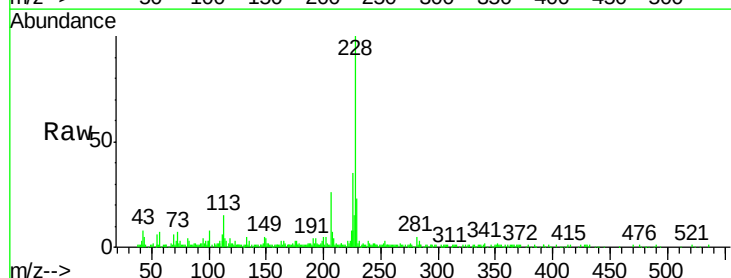


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

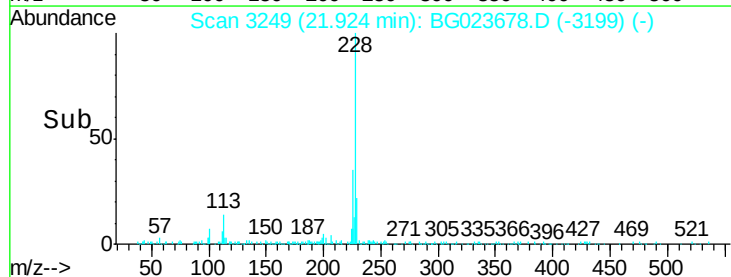
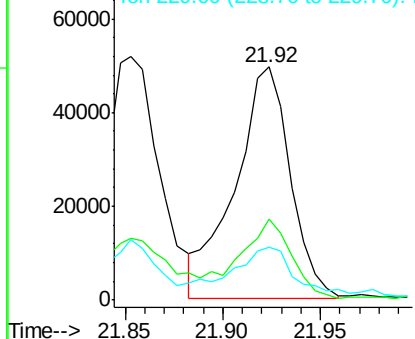


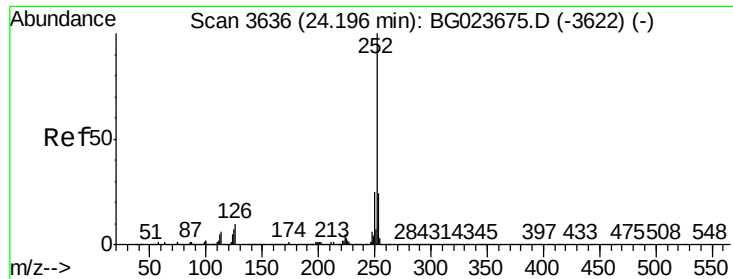
#82
 Chrysene
 Concen: 2.50 ng/ul
 RT: 21.92 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023678.D
 Acq: 13 Aug 2016 5:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	24.2	36.4
229	23.0	15.0	22.6#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





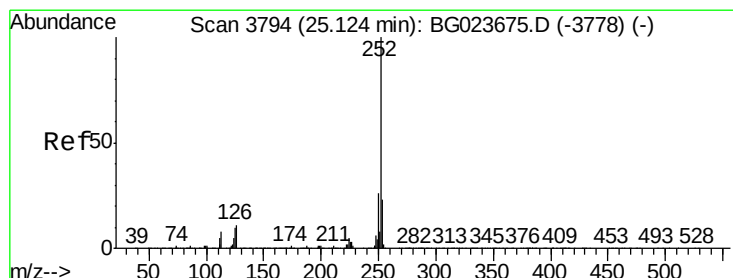
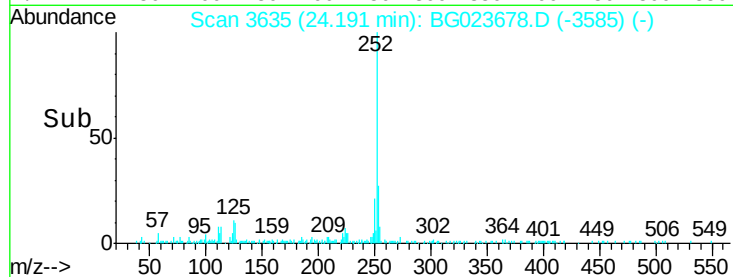
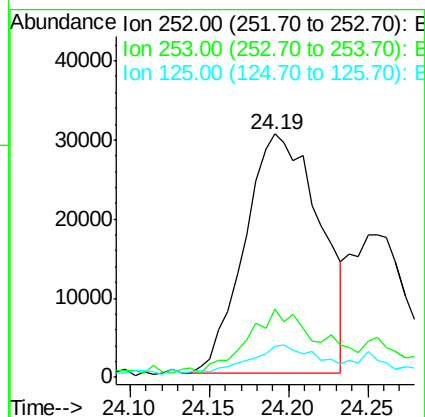
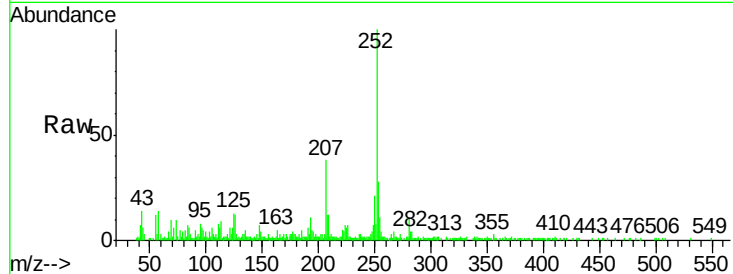
#85
Benzo(b)fluoranthene
Concen: 2.32 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. -0.00 min
Lab File: BG023678.D
Acq: 13 Aug 2016 5:46

Instrument :
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ClientSampleId :
PR001-SS004-0612-01DL

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	12.6	10.8	16.2

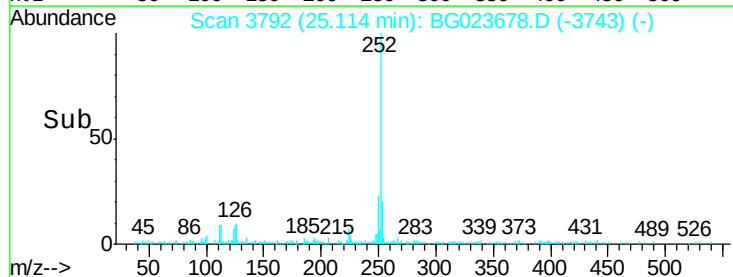
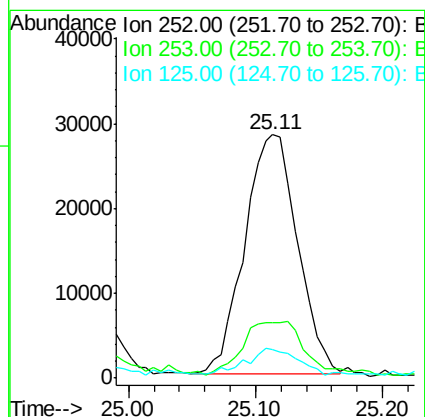
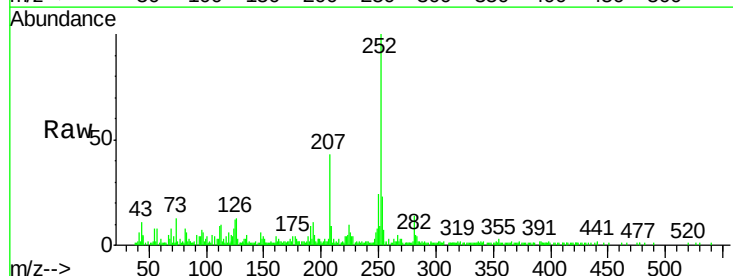
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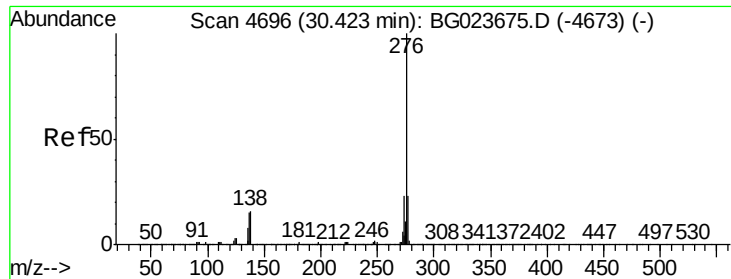
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#88
Benzo(a)pyrene
Concen: 1.95 ng/ul
RT: 25.11 min Scan# 3792
Delta R.T. -0.01 min
Lab File: BG023678.D
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Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	19.0	28.4
125	11.5	12.0	18.0#





#91
 Benzo(g,h,i)perylene
 Concen: 1.24 ng/ul m
 RT: 30.39 min Scan# 4691
 Delta R.T. -0.03 min
 Lab File: BG023678.D
 Acq: 13 Aug 2016 5:46

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 PR001-SS004-0612-01DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	22.1	33.1
277	23.6	17.0	25.4

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