

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102615\
 Data File : BG019361.D
 Acq On : 26 Oct 2015 15:58
 Operator : UM/NP
 Sample : G4074-17RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H6

Quant Time: Oct 27 03:09:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 27 04:07:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	38628	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	144385	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	100192	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	219584	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	291589	20.00	ng/ul	0.02
86) Perylene-d12	25.28	264	1999	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	1389	2.00	ng/uL	0.00
5) Phenol-d5	7.38	99	56144	16.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	35633	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	36079	16.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	41970	15.84	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	19012	17.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	21154	16.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	47415	17.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	349	0.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	147260	17.73	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	147863	16.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	17537	12.98	ng/ul	0.00
58) Fluorene-d10	15.85	176	131361	16.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	4005	2.77	ng/ul	0.00
71) Anthracene-d10	17.70	188	176273	17.53	ng/ul	0.00
79) Pyrene-d10	19.97	212	225138	17.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	500	4.90	ng/ul	0.00

Target Compounds

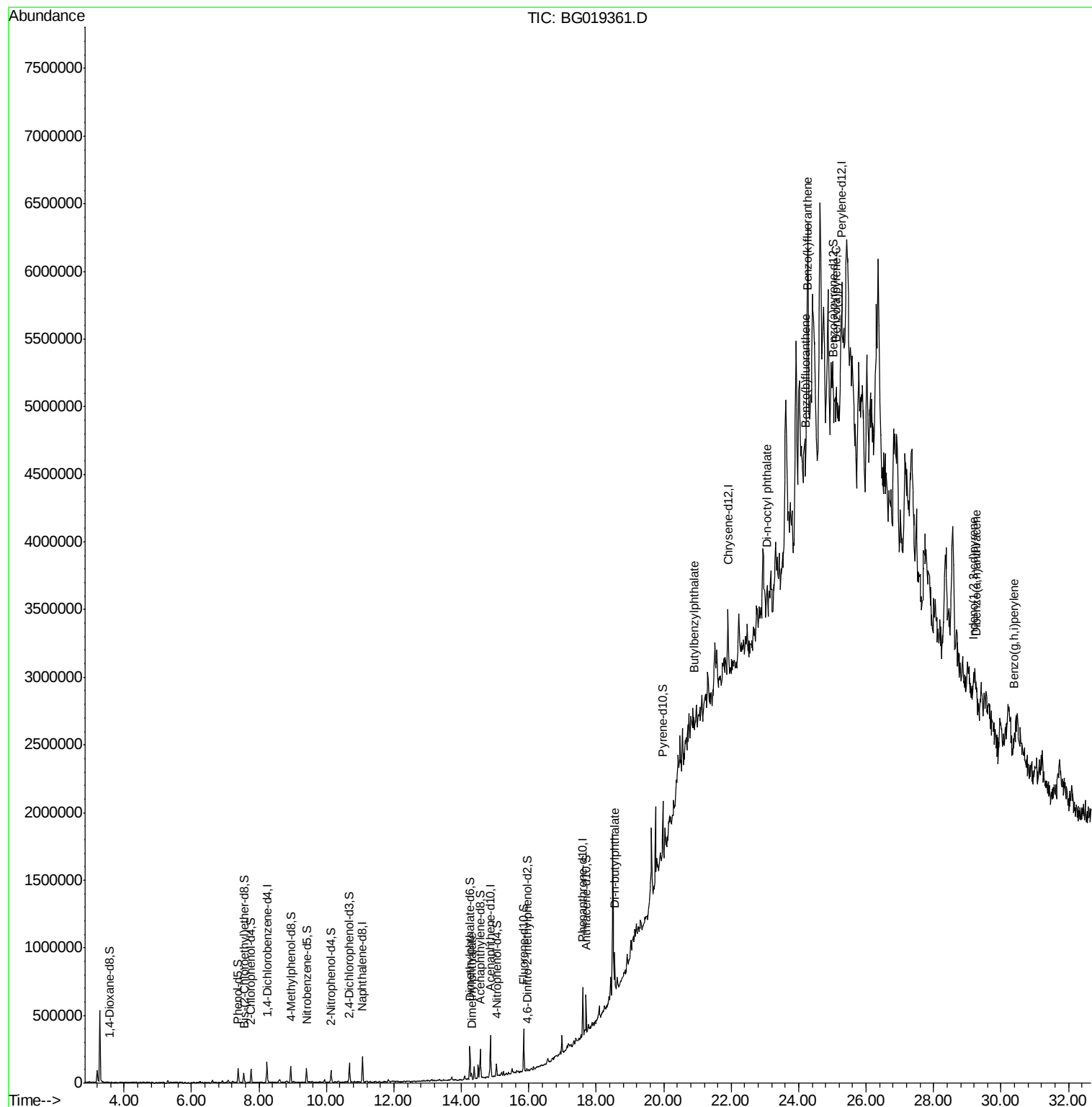
						Qvalue
45) Dimethylphthalate	14.30	163	25299	3.05	ng/ul	99
76) Di-n-butylphthalate	18.54	149	166094	15.44	ng/ul	97
81) Butylbenzylphthalate	20.89	149	6784	1.35	ng/ul#	52
87) Di-n-octyl phthalate	23.05	149	3442	40.83	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	1109	9.07	ng/ul#	1
89) Benzo(k)fluoranthene	24.27	252	1912	16.39	ng/ul#	1
91) Benzo(a)pyrene	25.12	252	1135	10.02	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	29.17	276	765	5.99	ng/ul#	1
93) Dibenzo(a,h)anthracene	29.27	278	806	7.60	ng/ul#	1
94) Benzo(g,h,i)perylene	30.40	276	462	4.37	ng/ul#	1

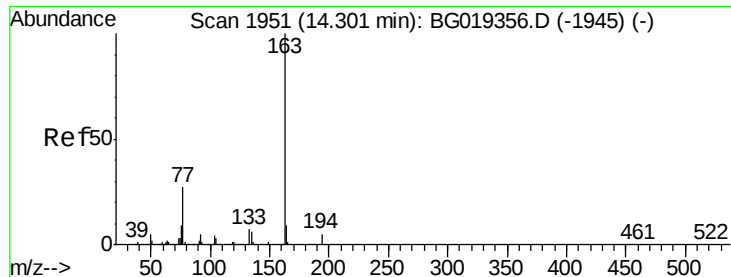
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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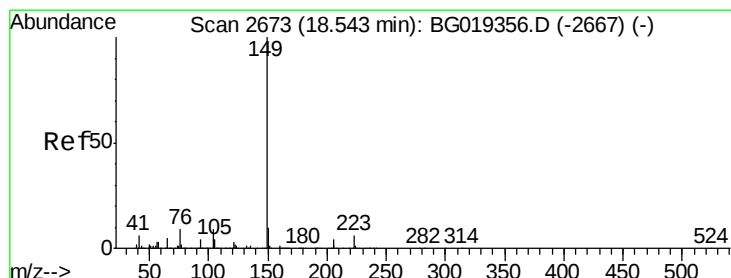
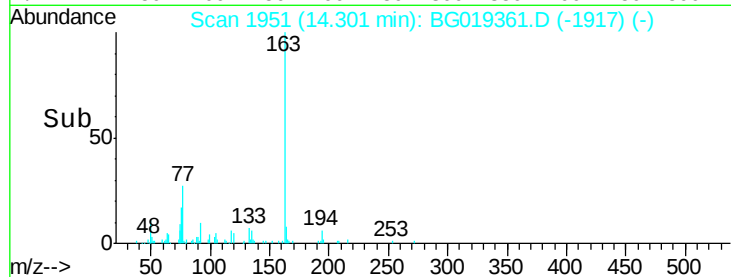
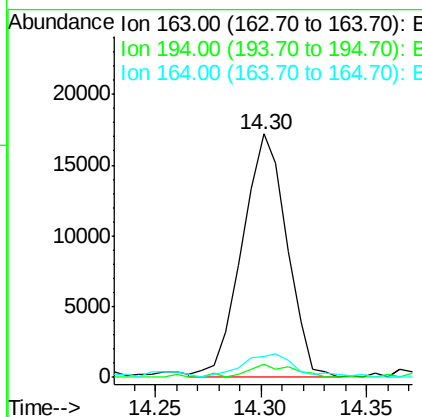
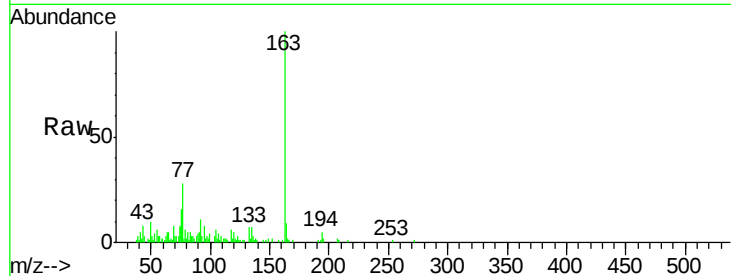




#45
 Dimethylphthalate
 Concen: 3.05 ng/ul
 RT: 14.30 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG019361.D
 Acq: 26 Oct 2015 15:58

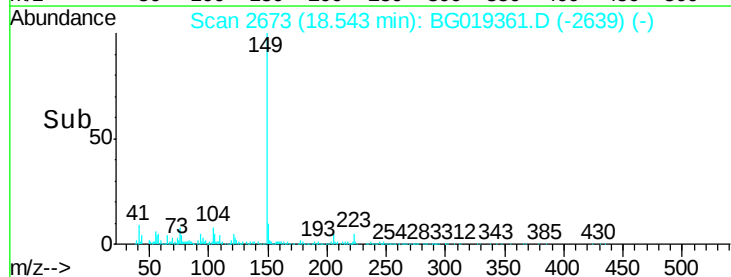
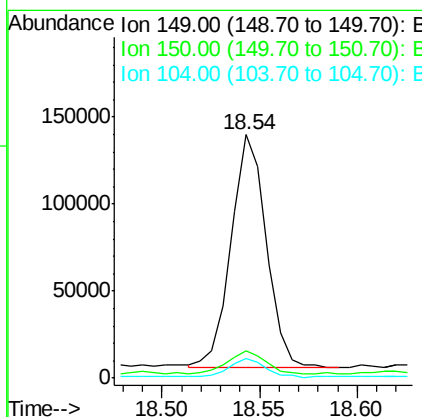
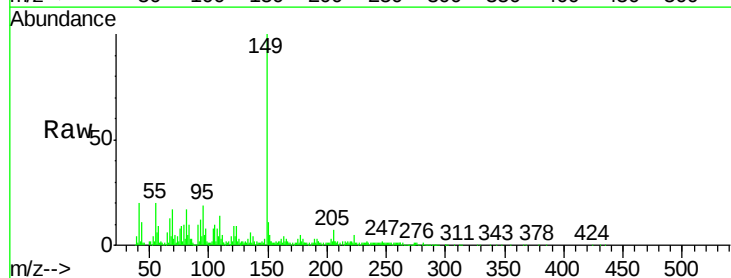
Instrument :
 BNA_G
 ClientSampleId :
 JG9H6

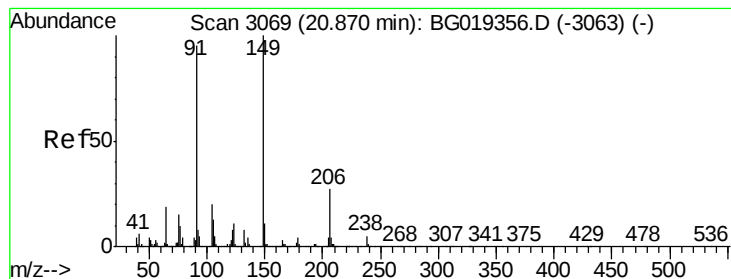
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.3	6.5
164	8.8	7.5	11.3



#76
 Di-n-butylphthalate
 Concen: 15.44 ng/ul
 RT: 18.54 min Scan# 2673
 Delta R.T. 0.00 min
 Lab File: BG019361.D
 Acq: 26 Oct 2015 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.5	11.3
104	8.3	6.9	10.3





#81

Butylbenzylphthalate

Concen: 1.35 ng/ul

RT: 20.89 min Scan# 3072

Delta R.T. 0.02 min

Lab File: BG019361.D

Acq: 26 Oct 2015 15:58

Instrument :

BNA_G

ClientSampleId :

JG9H6

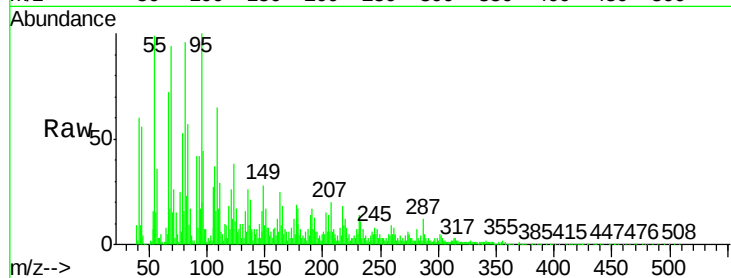
Tgt Ion:149 Resp: 6784

Ion Ratio Lower Upper

149 100

91 153.4 76.5 114.7#

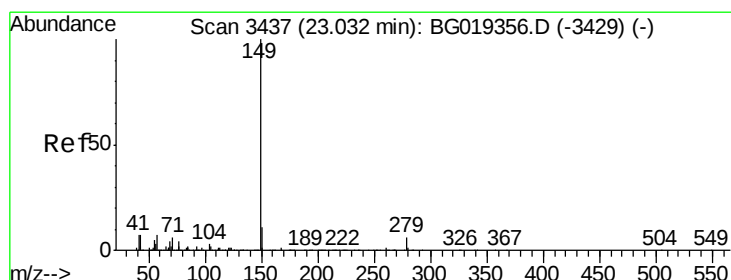
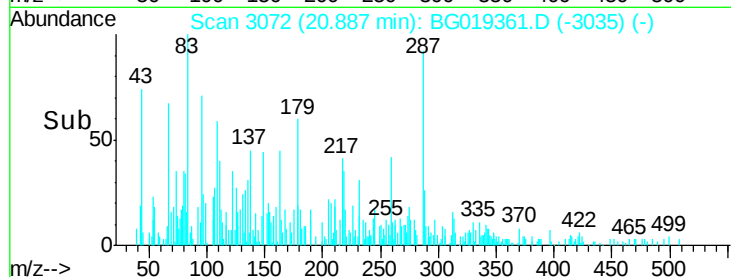
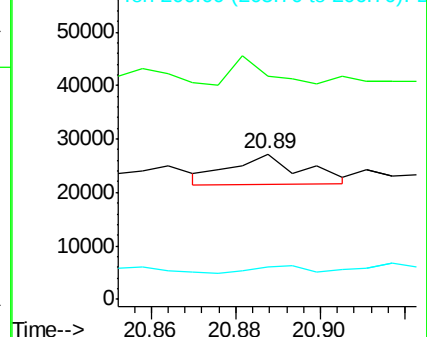
206 22.1 22.1 33.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#87

Di-n-octyl phthalate

Concen: 40.83 ng/ul

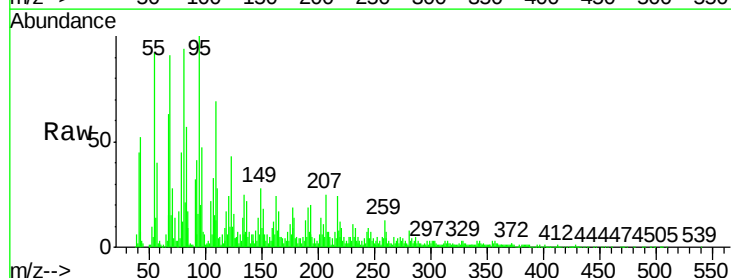
RT: 23.05 min Scan# 3440

Delta R.T. 0.02 min

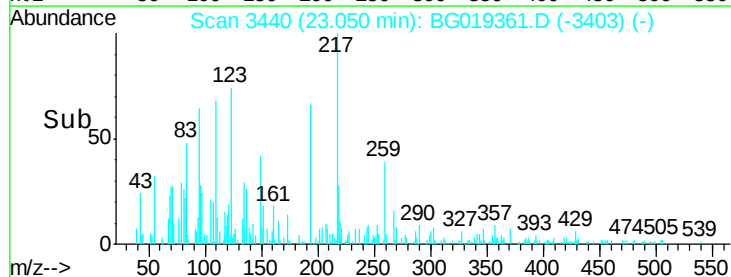
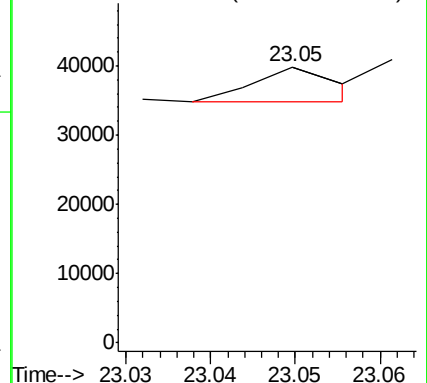
Lab File: BG019361.D

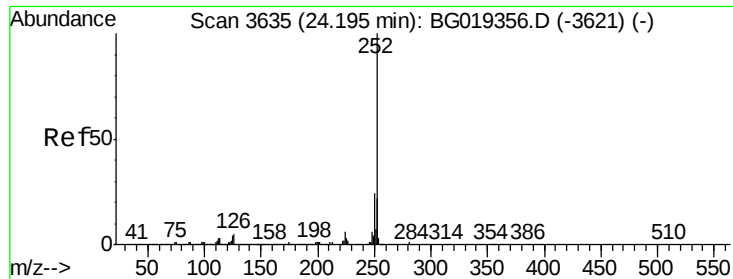
Acq: 26 Oct 2015 15:58

Tgt Ion:149 Resp: 3442



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 9.07 ng/ul

RT: 24.20 min Scan# 3636

Delta R.T. 0.01 min

Lab File: BG019361.D

Acq: 26 Oct 2015 15:58

Instrument :

BNA_G

ClientSampleId :

JG9H6

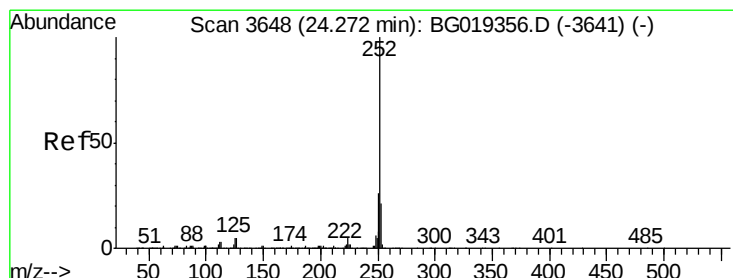
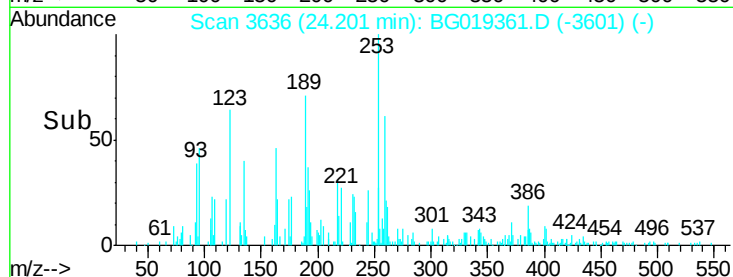
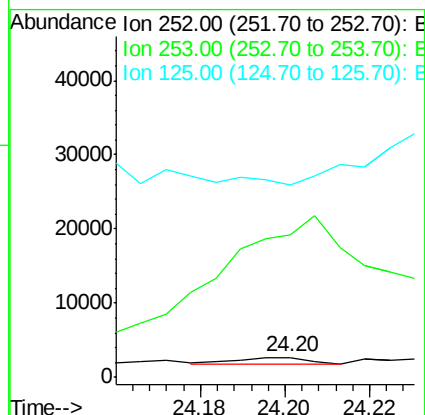
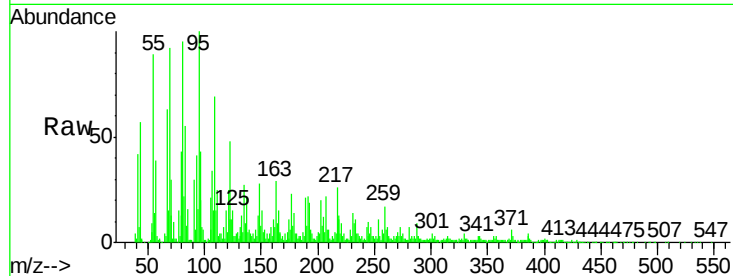
Tgt Ion:252 Resp: 1109

Ion Ratio Lower Upper

252 100

253 704.8 17.1 25.7#

125 958.5 2.5 3.7#



#89

Benzo(k)fluoranthene

Concen: 16.39 ng/ul

RT: 24.27 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG019361.D

Acq: 26 Oct 2015 15:58

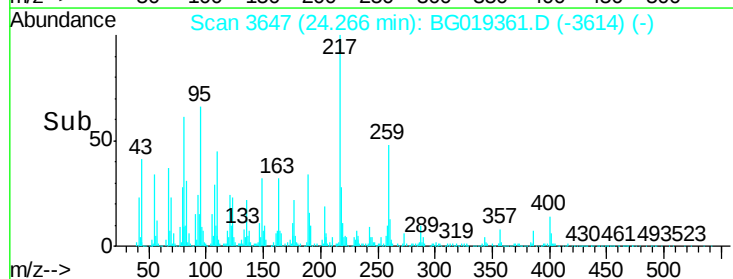
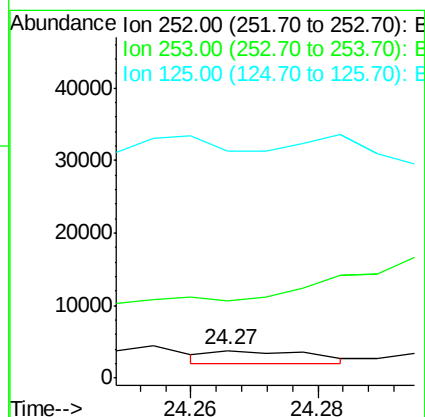
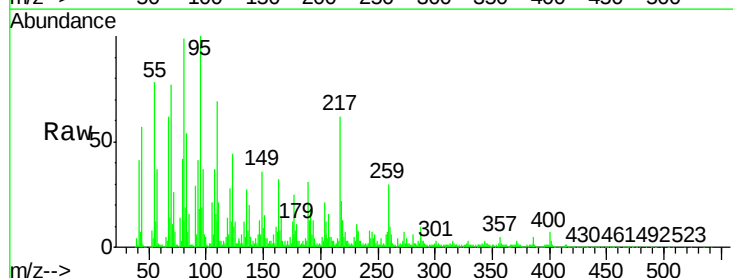
Tgt Ion:252 Resp: 1912

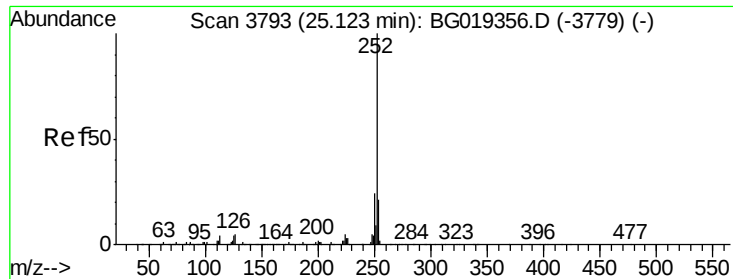
Ion Ratio Lower Upper

252 100

253 285.1 17.2 25.8#

125 830.9 3.1 4.7#





#91

Benzo(a)pyrene

Concen: 10.02 ng/ul

RT: 25.12 min Scan# 3792

Delta R.T. -0.01 min

Lab File: BG019361.D

Acq: 26 Oct 2015 15:58

Instrument :

BNA_G

ClientSampleId :

JG9H6

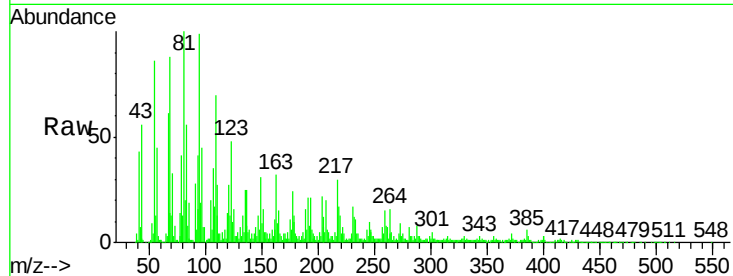
Tgt Ion:252 Resp: 1135

Ion Ratio Lower Upper

252 100

253 164.6 16.0 24.0#

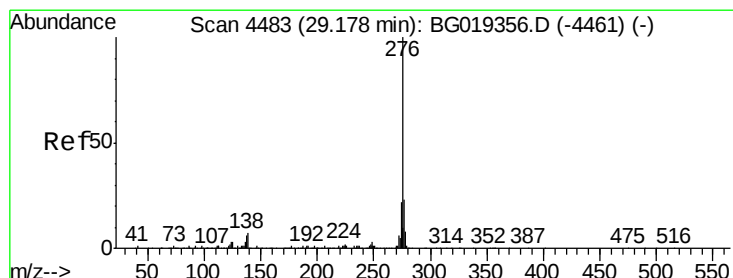
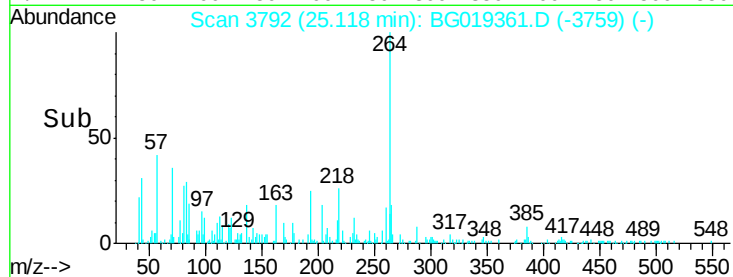
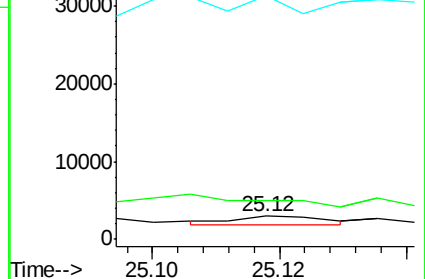
125 1039.8 3.3 4.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 5.99 ng/ul

RT: 29.17 min Scan# 4481

Delta R.T. -0.01 min

Lab File: BG019361.D

Acq: 26 Oct 2015 15:58

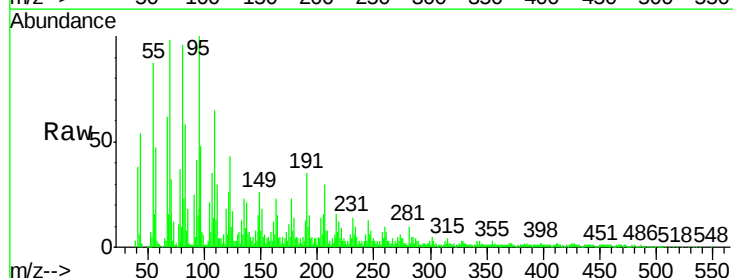
Tgt Ion:276 Resp: 765

Ion Ratio Lower Upper

276 100

138 235.5 6.2 9.4#

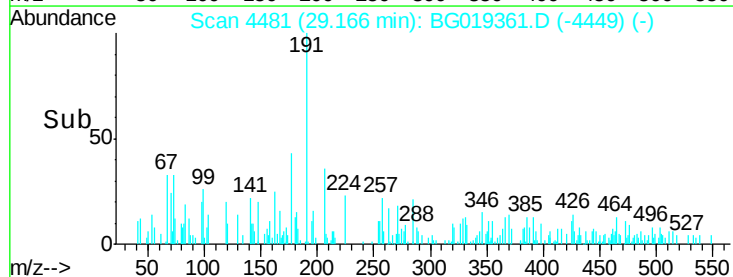
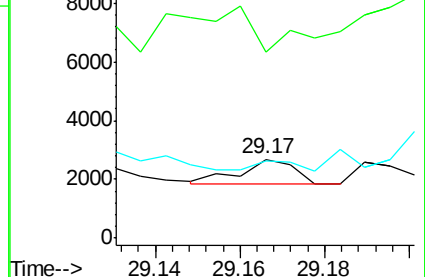
277 98.4 17.9 26.9#

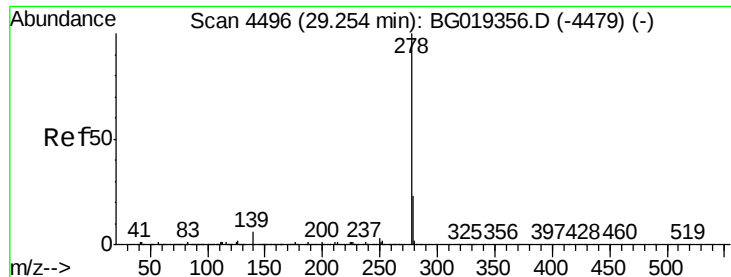


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 7.60 ng/ul

RT: 29.27 min Scan# 4498

Delta R.T. 0.01 min

Lab File: BG019361.D

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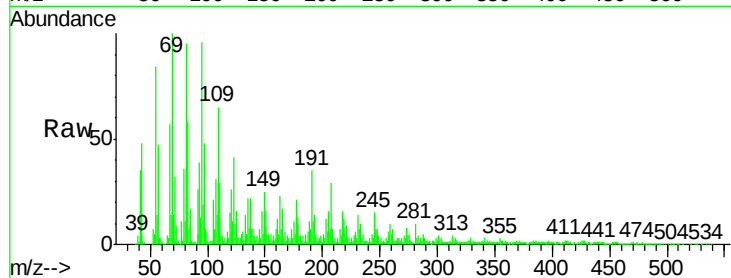
Tgt Ion: 278 Resp: 806

Ion Ratio Lower Upper

278 100

139 491.9 5.8 8.6#

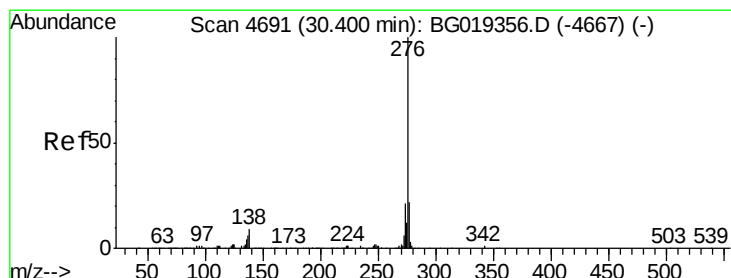
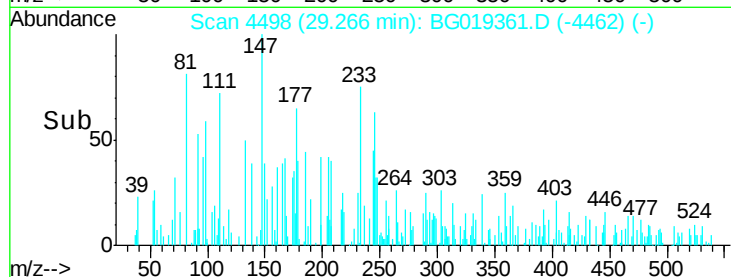
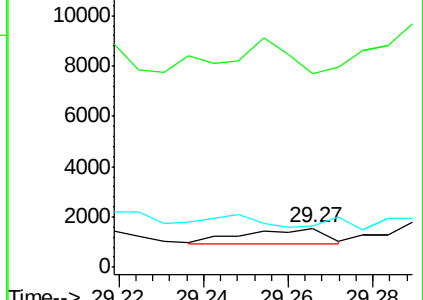
279 105.2 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 4.37 ng/ul

RT: 30.40 min Scan# 4691

Delta R.T. 0.00 min

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Acq: 26 Oct 2015 15:58

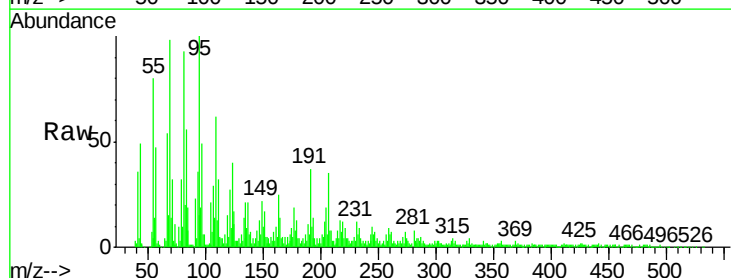
Tgt Ion: 276 Resp: 462

Ion Ratio Lower Upper

276 100

138 223.9 5.6 8.4#

277 98.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

