

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY38

Quant Time: Nov 03 00:59:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	24385	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	94881	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	80420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	249282	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	356257	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	333294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	668	1.31	ng/uL	0.00
5) Phenol-d5	7.34	99	15742	7.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54645	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	41152	29.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	31456	17.64	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	29111	41.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	34744	41.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	65577	36.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	5856	3.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	302218	45.58	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	294829	40.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	10038	9.53	ng/ul	0.00
58) Fluorene-d10	15.80	176	244828	39.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	48086	29.80	ng/ul	0.00
71) Anthracene-d10	17.66	188	463987	40.83	ng/ul	0.00
79) Pyrene-d10	19.93	212	608869	39.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	681684	40.76	ng/ul	0.00

Target Compounds

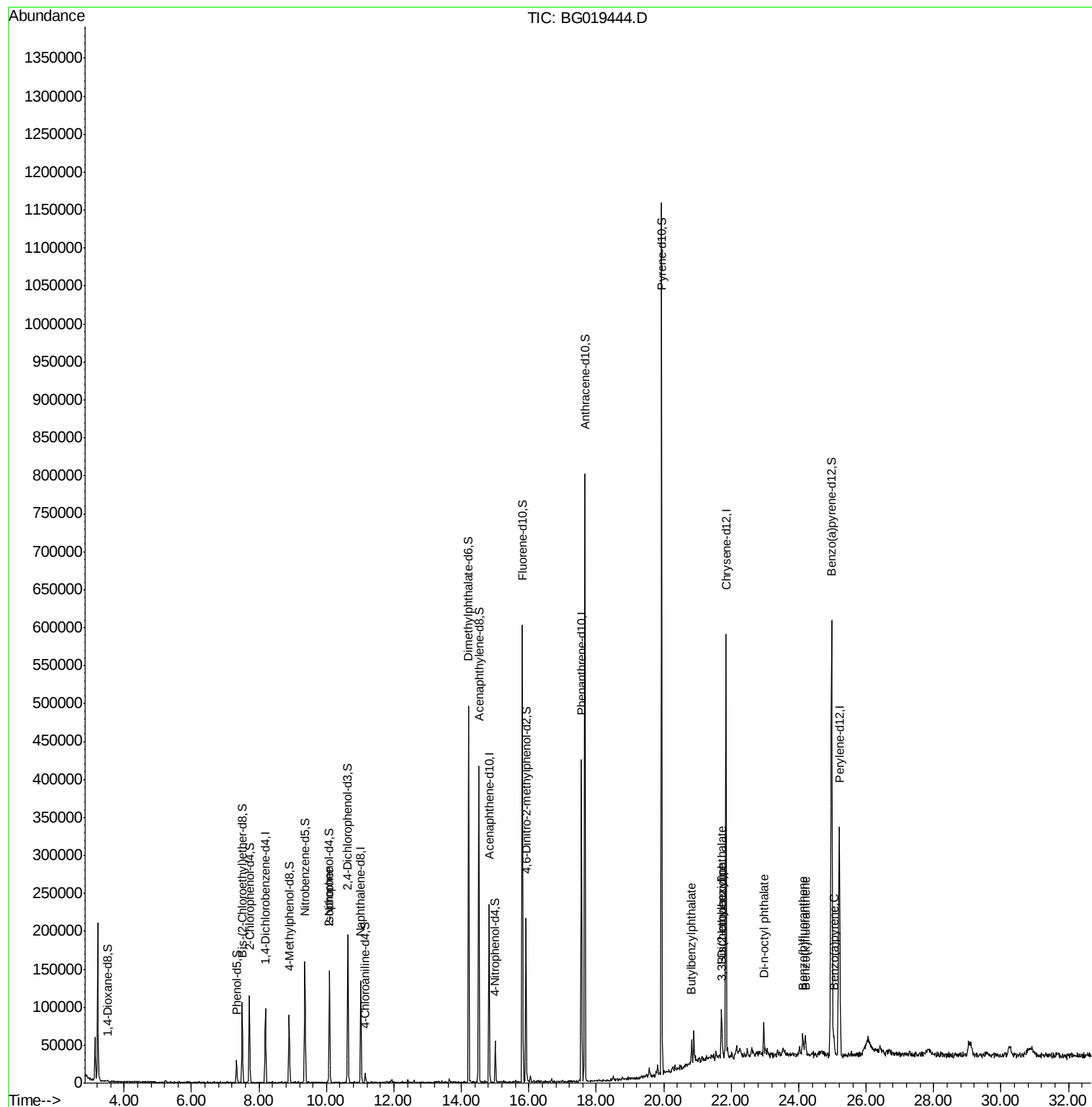
						Qvalue
21) Isophorone	10.09	82	5696	1.15	ng/ul#	70
81) Butylbenzylphthalate	20.83	149	7892	1.21	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.73	252	8383	1.20	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.71	149	23441	2.54	ng/ul#	89
87) Di-n-octyl phthalate	22.97	149	35660	2.36	ng/ul	100
88) Benzo(b)fluoranthene	24.13	252	28715	1.46	ng/ul#	96
89) Benzo(k)fluoranthene	24.20	252	26324	1.39	ng/ul#	90
91) Benzo(a)pyrene	25.05	252	26706	1.41	ng/ul#	91

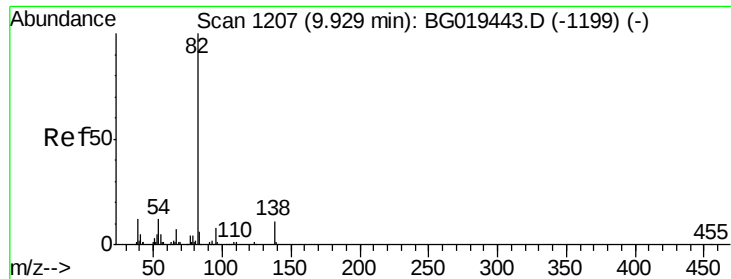
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Isophorone

Concen: 1.15 ng/ul

RT: 10.09 min Scan# 1234

Delta R.T. 0.16 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

Instrument :

BNA_G

ClientSampleId :

BCY38

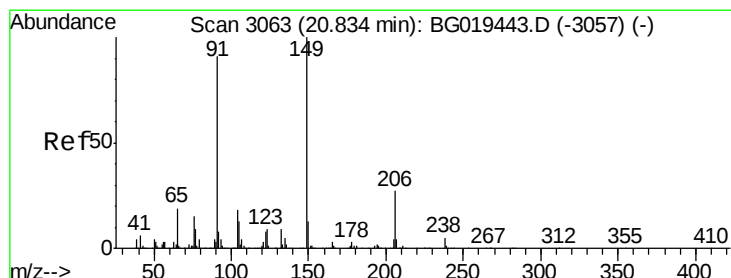
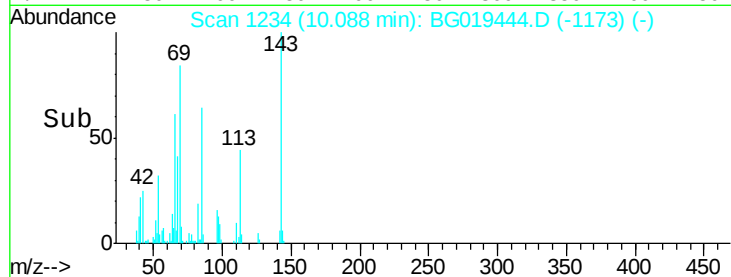
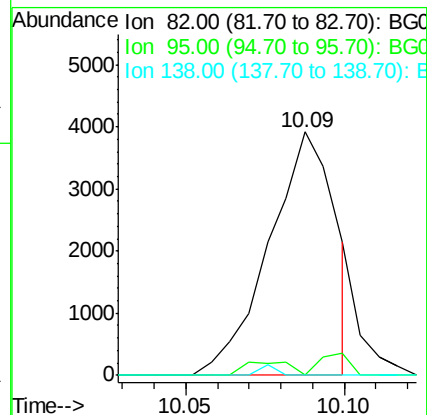
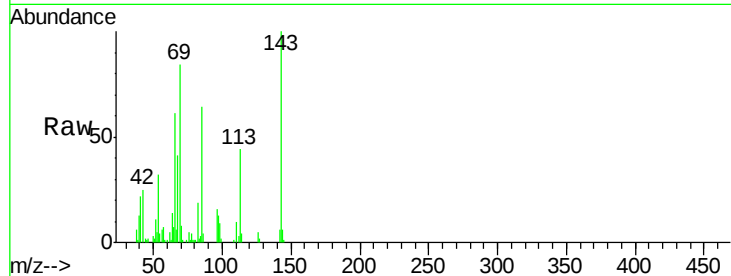
Tgt Ion: 82 Resp: 5696

Ion Ratio Lower Upper

82 100

95 0.0 6.7 10.1#

138 0.0 10.8 16.2#



#81

Butylbenzylphthalate

Concen: 1.21 ng/ul

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

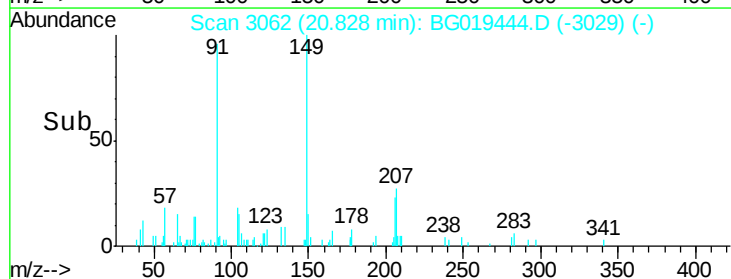
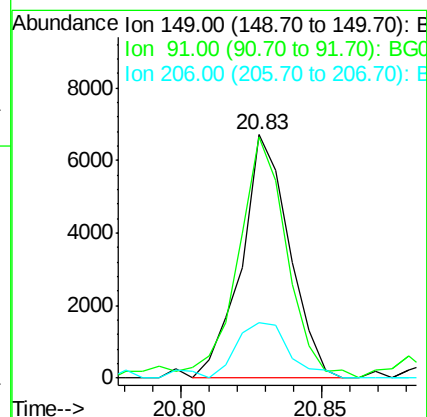
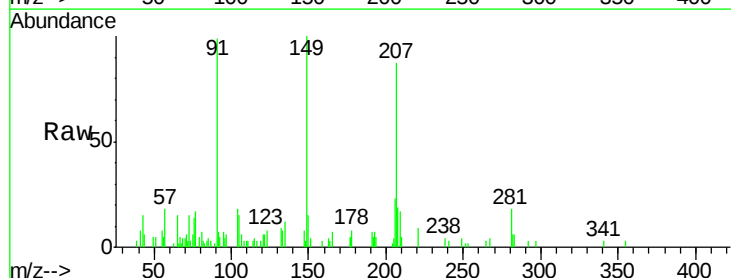
Tgt Ion: 149 Resp: 7892

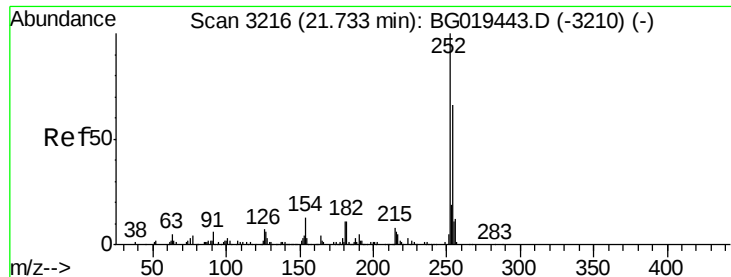
Ion Ratio Lower Upper

149 100

91 99.0 76.5 114.7

206 22.8 22.1 33.1





#82

3,3'-Dichlorobenzidine

Concen: 1.20 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

Instrument :

BNA_G

ClientSampleId :

BCY38

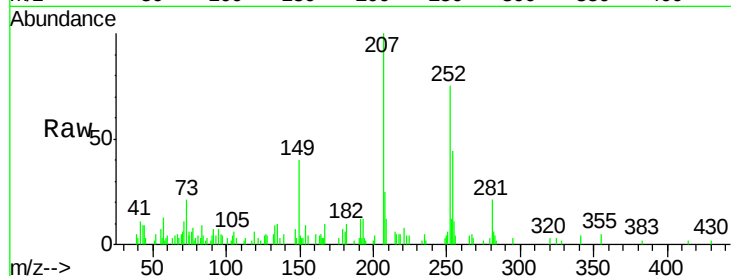
Tgt Ion:252 Resp: 8383

Ion Ratio Lower Upper

252 100

254 59.4 49.2 73.8

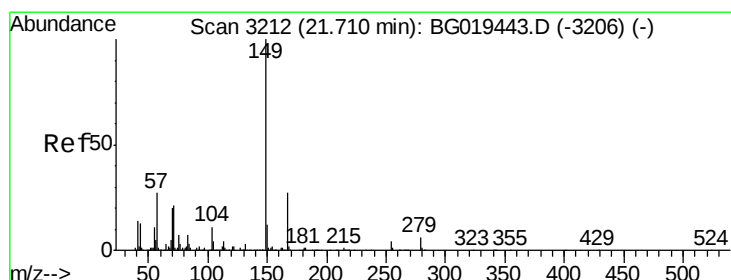
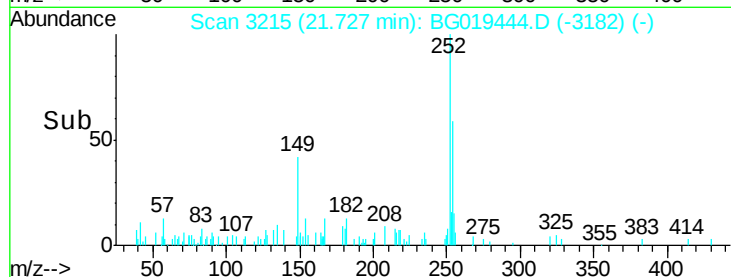
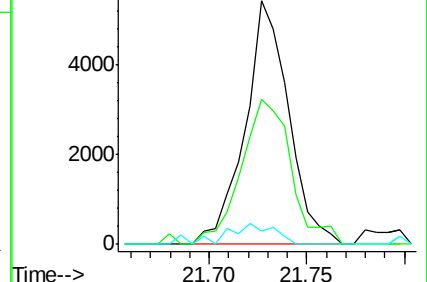
126 5.5 4.3 6.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.54 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

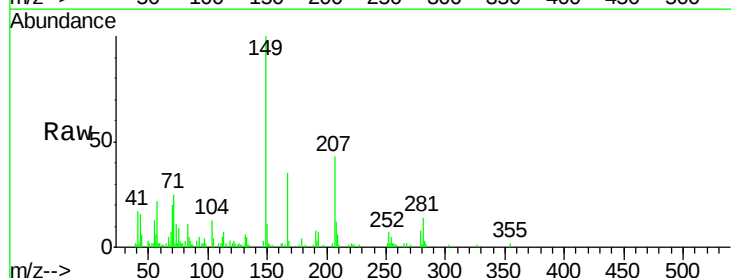
Tgt Ion:149 Resp: 23441

Ion Ratio Lower Upper

149 100

167 35.3 23.2 34.8#

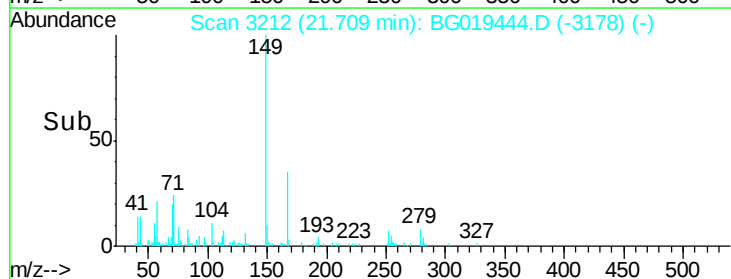
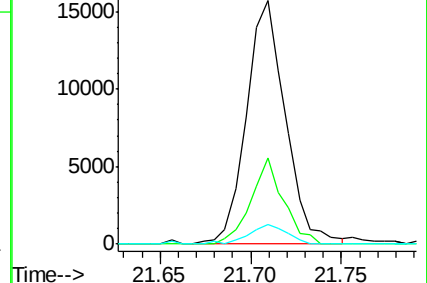
279 8.0 5.0 7.4#

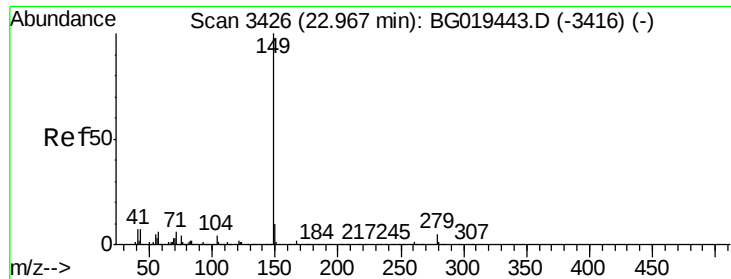


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Di-n-octyl phthalate

Concen: 2.36 ng/ul

RT: 22.97 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

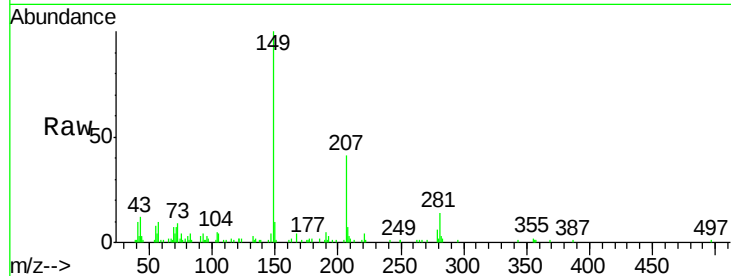
Instrument :

BNA_G

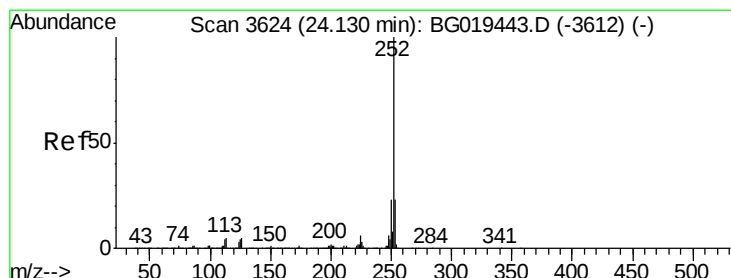
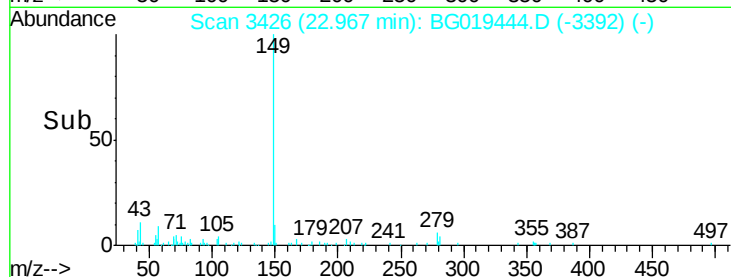
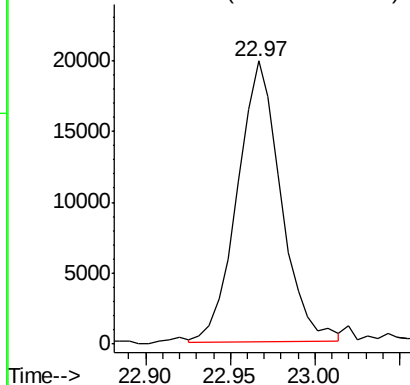
ClientSampleId :

BCY38

Tgt Ion:149 Resp: 35660



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 1.46 ng/ul

RT: 24.13 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

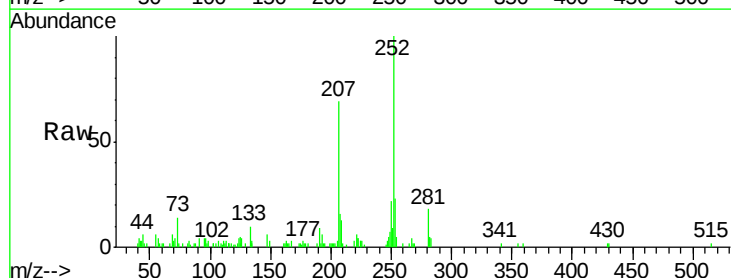
Tgt Ion:252 Resp: 28715

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

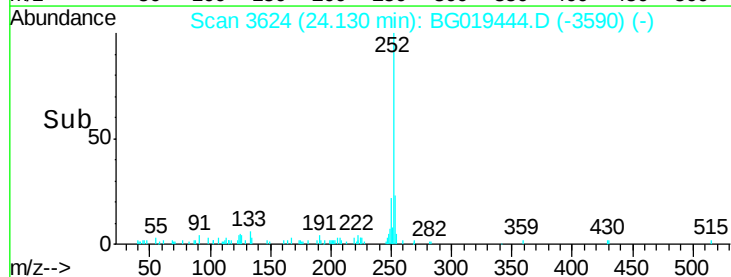
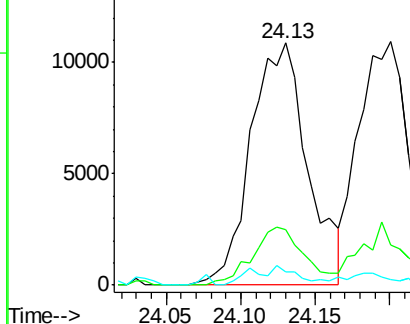
125 5.5 2.5 3.7#

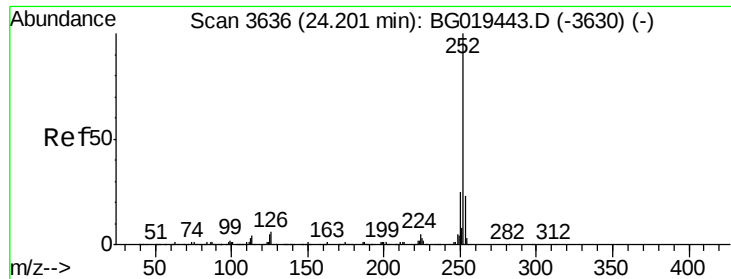


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.39 ng/ul

RT: 24.20 min Scan# 3636

Delta R.T. -0.00 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

Instrument :

BNA_G

ClientSampleId :

BCY38

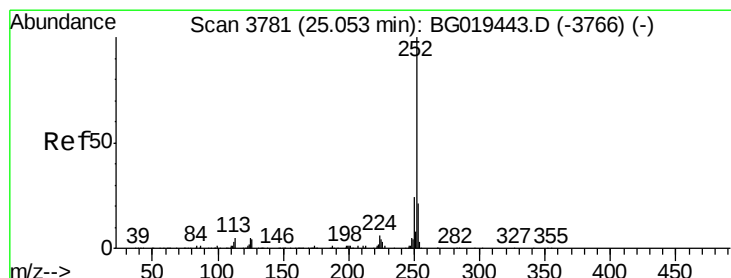
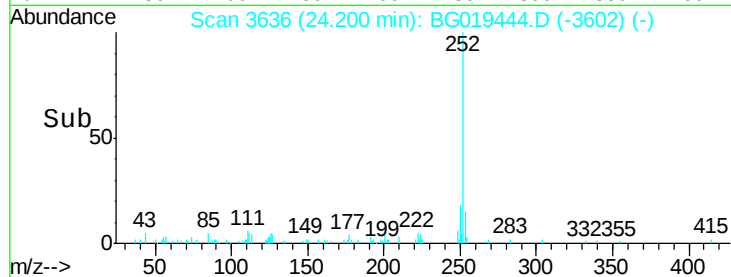
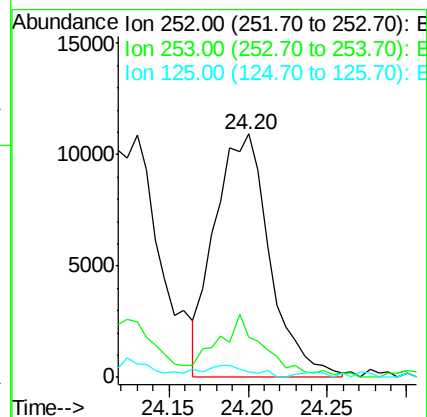
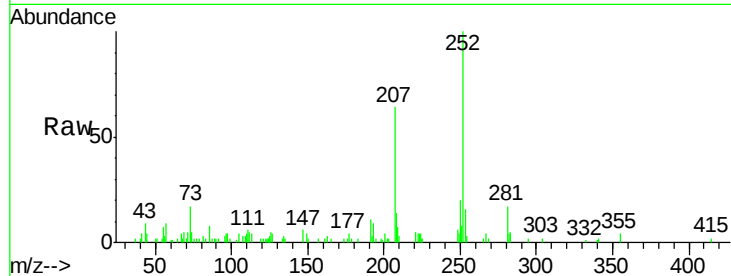
Tgt Ion:252 Resp: 26324

Ion Ratio Lower Upper

252 100

253 16.3 17.2 25.8#

125 2.4 3.1 4.7#



#91

Benzo(a)pyrene

Concen: 1.41 ng/ul

RT: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG019444.D

Acq: 2 Nov 2015 22:36

Tgt Ion:252 Resp: 26706

Ion Ratio Lower Upper

252 100

253 15.3 16.0 24.0#

125 2.1 3.3 4.9#

