

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
 Data File : BG019244.D
 Acq On : 19 Oct 2015 16:51
 Operator : UM/NP
 Sample : G3996-16DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5DL

Quant Time: Oct 20 04:09:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.00
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.81
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.64
62) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.39
78) Chrysene-d12	21.65	240	1187	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	2942	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0	0.00	ng/ul	
79) Pyrene-d10	19.77	212	142	2.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	945	6.36	ng/ul	0.00

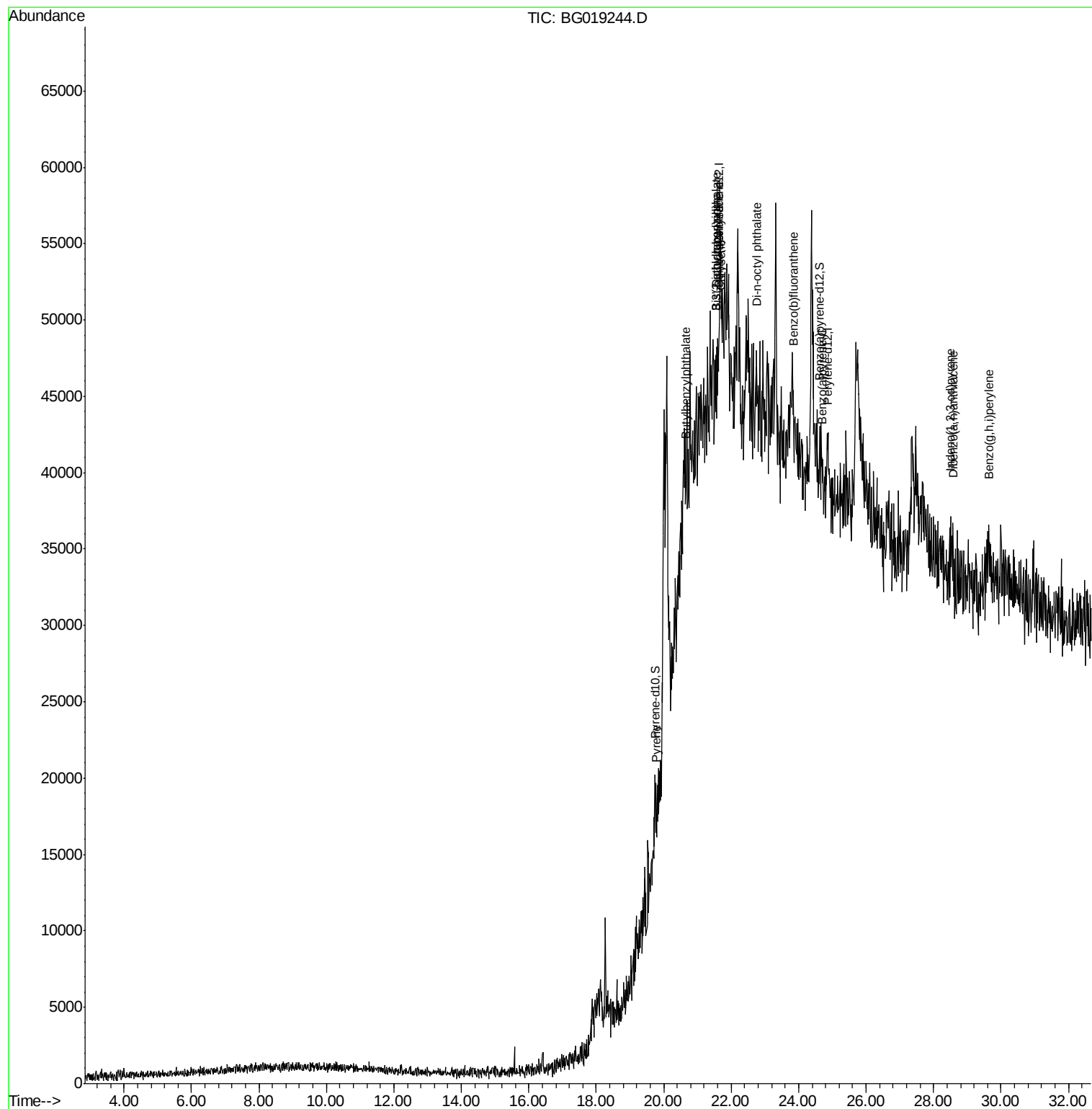
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
80) Pvrene	19.79	202	505	7.17	ng/ul#	70
81) Butylbenzylphthalate	20.66	149	115	4.49	ng/ul#	65
82) 3,3'-Dichlorobenzidine	21.55	252	411	18.96	ng/ul#	25
83) Benzo(a)anthracene	21.63	228	327	4.88	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.55	149	702	19.83	ng/ul#	10
85) Chrysene	21.69	228	264	4.16	ng/ul#	1
87) Di-n-octyl phthalate	22.75	149	1597	10.20	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	507	3.04	ng/ul#	1
91) Benzo(a)pyrene	24.71	252	840	5.24	ng/ul#	47
92) Indeno(1,2,3-cd)pyrene	28.51	276	1300	6.82	ng/ul#	89
93) Dibenzo(a,h)anthracene	28.57	278	1166	7.02	ng/ul#	77
94) Benzo(g,h,i)perylene	29.65	276	464	2.96	ng/ul#	74

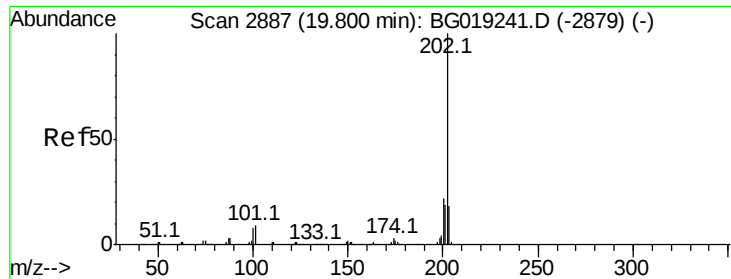
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 04:09:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 04:07:05 2015
Response via : Initial Calibration





#80

Pvrene

Concen: 7.17 ng/ul

RT: 19.79 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG019244.D

Acq: 19 Oct 2015 16:51

Instrument :

BNA_G

ClientSampleId :

E5LK5DL

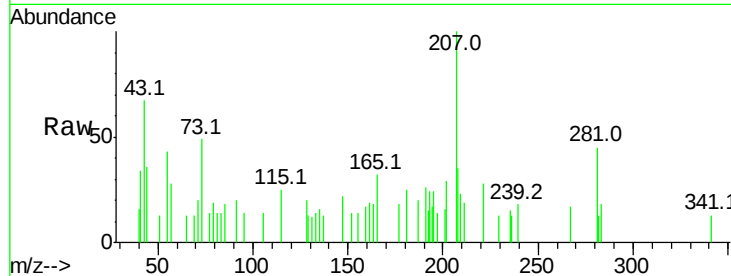
Tot Ion:202 Resp: 505

Ion Ratio Lower Upper

202 100

101 0.0 10.2 15.2#

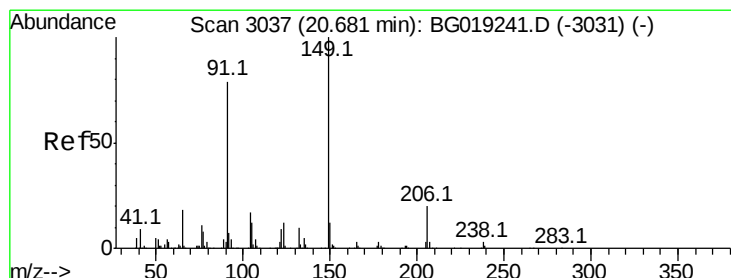
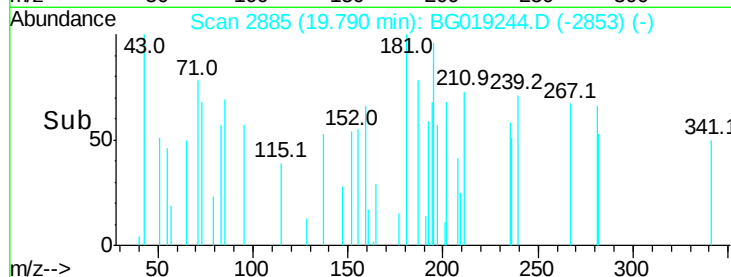
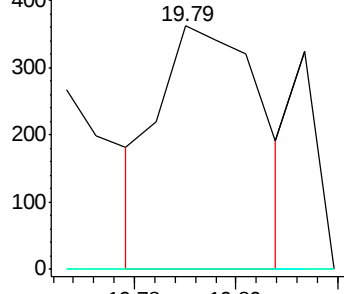
100 0.0 8.5 12.7#



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



#81

Butylbenzylphthalate

Concen: 4.49 ng/ul

RT: 20.66 min Scan# 3033

Delta R.T. -0.02 min

Lab File: BG019244.D

Acq: 19 Oct 2015 16:51

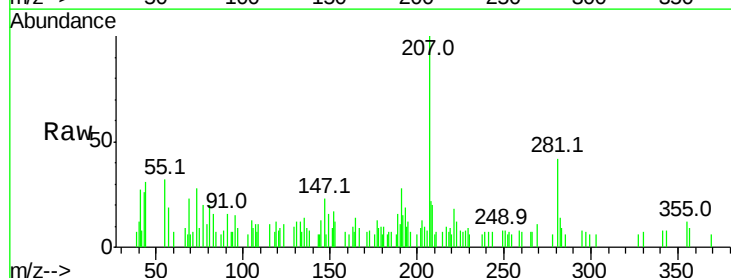
Tgt Ion:149 Resp: 115

Ion Ratio Lower Upper

149 100

91 97.3 59.1 88.7#

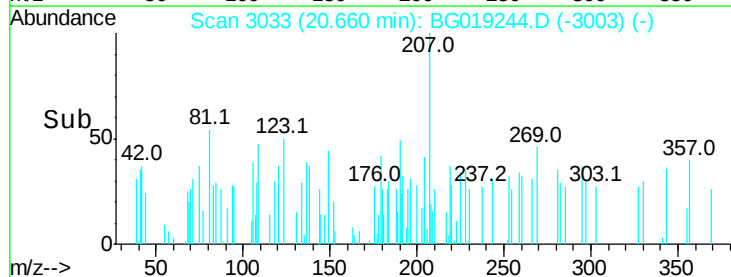
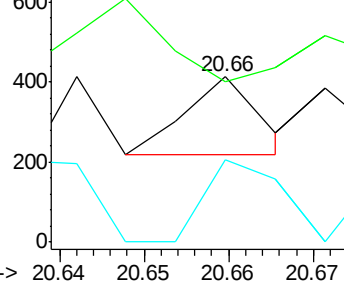
206 50.1 17.9 26.9#

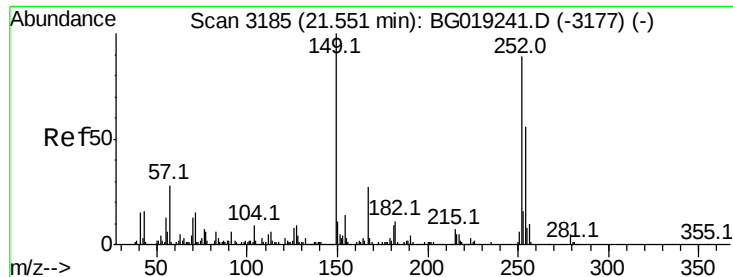


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

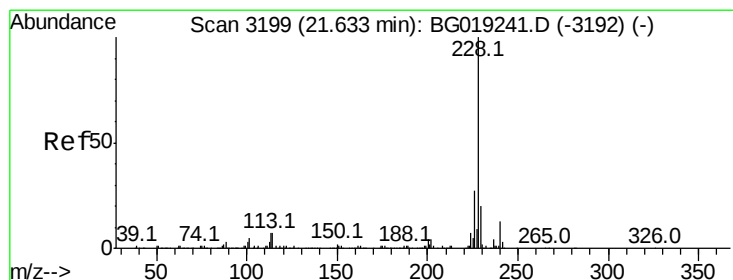
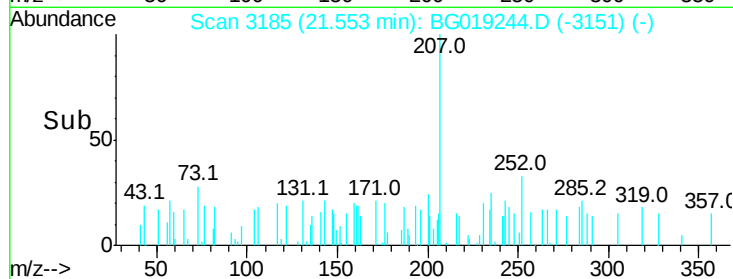
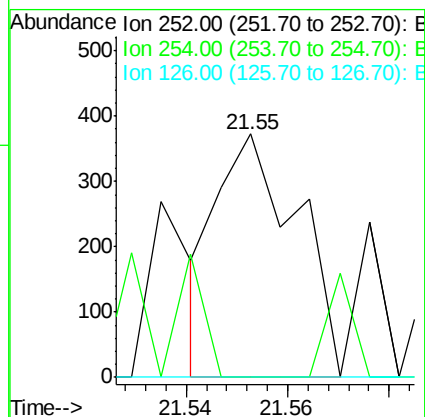
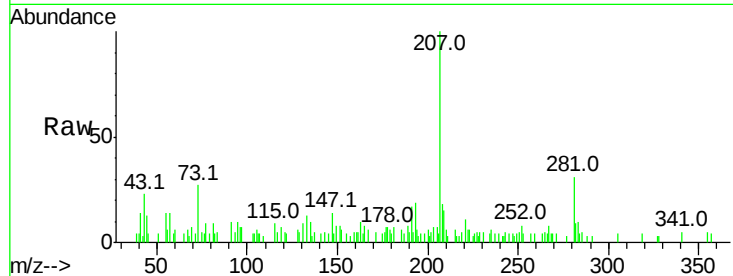




#82
 3,3'-Dichlorobenzidine
 Concen: 18.96 ng/ul
 RT: 21.55 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: BG019244.D
 Acq: 19 Oct 2015 16:51

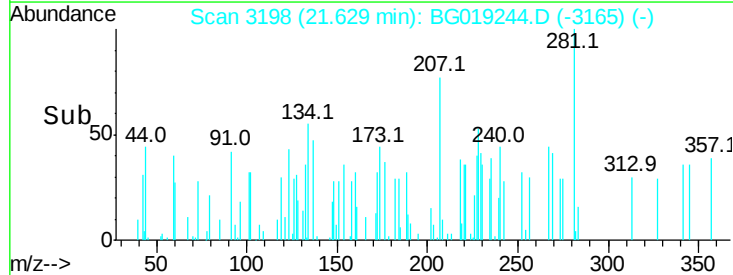
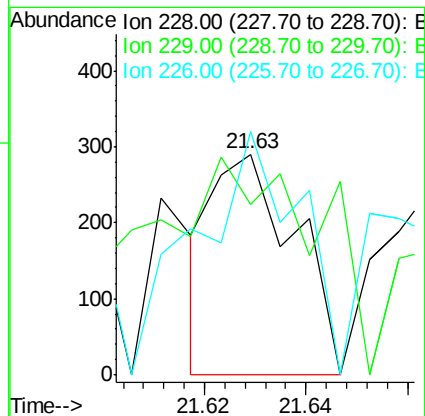
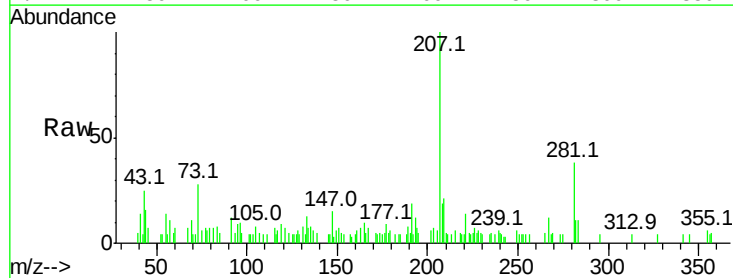
Instrument :
 BNA_G
 ClientSampled :
 E5LK5DL

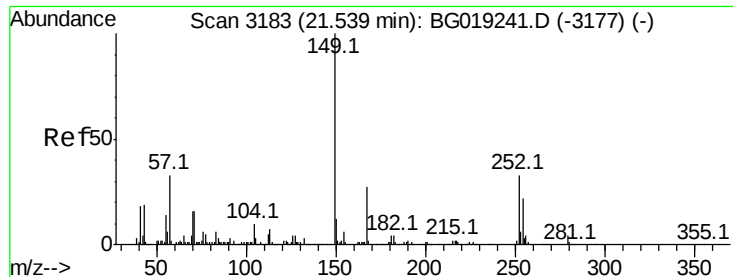
Tot Ion:252 Resp: 411
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 7.9 11.9#



#83
 Benzo(a)anthracene
 Concen: 4.88 ng/ul
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.00 min
 Lab File: BG019244.D
 Acq: 19 Oct 2015 16:51

Tgt Ion:228 Resp: 327
 Ion Ratio Lower Upper
 228 100
 229 77.2 16.6 24.8#
 226 110.3 22.8 34.2#

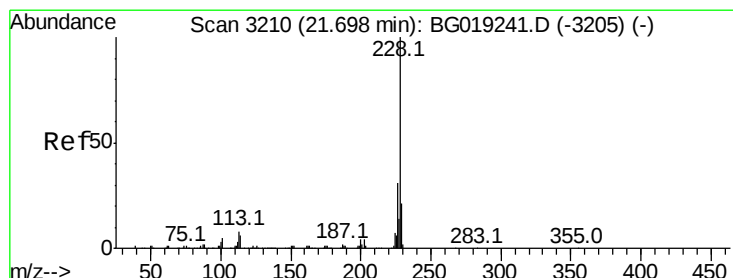
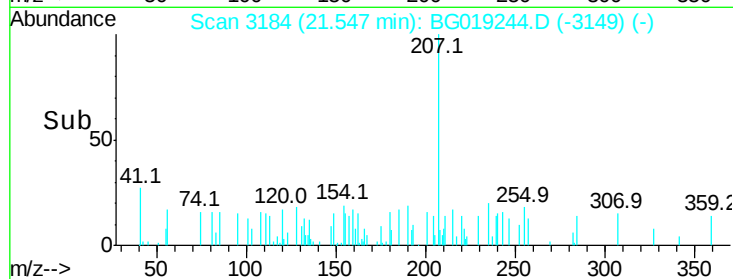
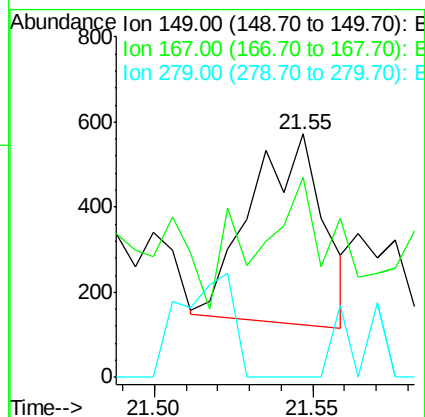
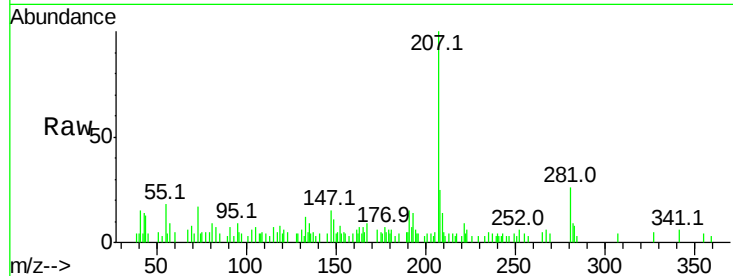




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 19.83 ng/ul
 RT: 21.55 min Scan# 3184
 Delta R.T. 0.01 min
 Lab File: BG019244.D
 Acq: 19 Oct 2015 16:51

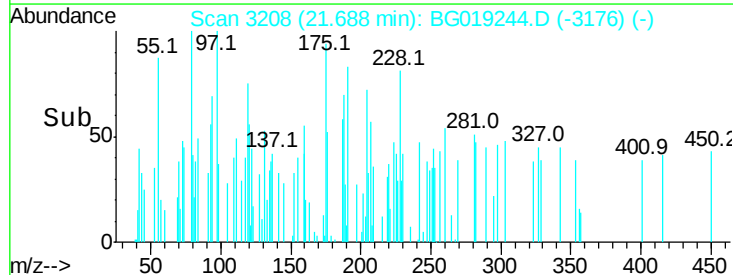
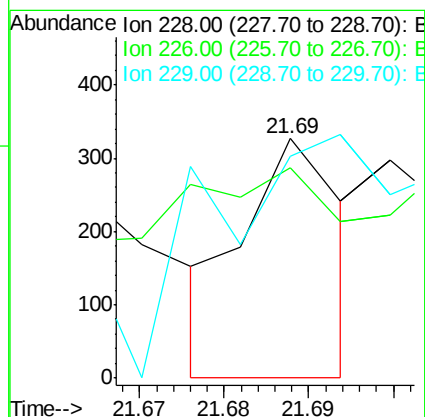
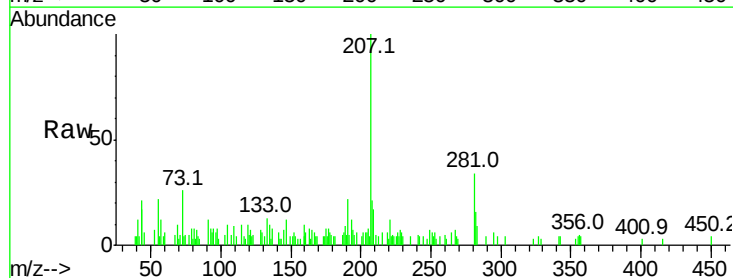
Instrument :
 BNA_G
 ClientSampleId :
 E5LK5DL

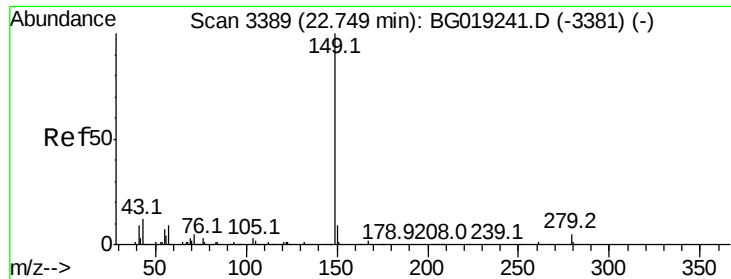
Tot Ion:149 Resp: 702
 Ion Ratio Lower Upper
 149 100
 167 82.2 22.8 34.2#
 279 0.0 3.3 4.9#



#85
 Chrysene
 Concen: 4.16 ng/ul
 RT: 21.69 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BG019244.D
 Acq: 19 Oct 2015 16:51

Tgt Ion:228 Resp: 264
 Ion Ratio Lower Upper
 228 100
 226 87.8 24.2 36.2#
 229 92.4 15.6 23.4#

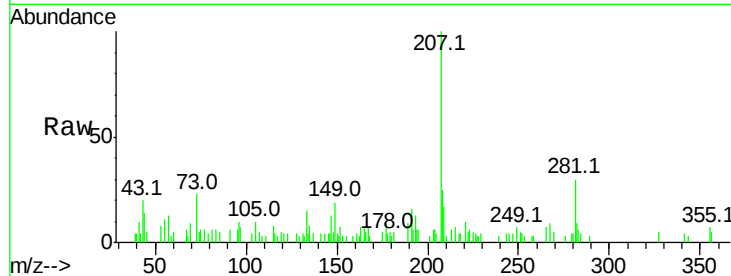




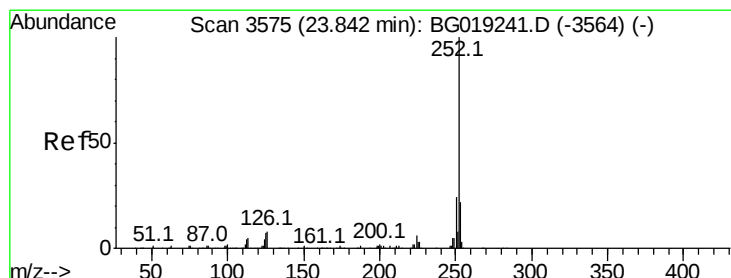
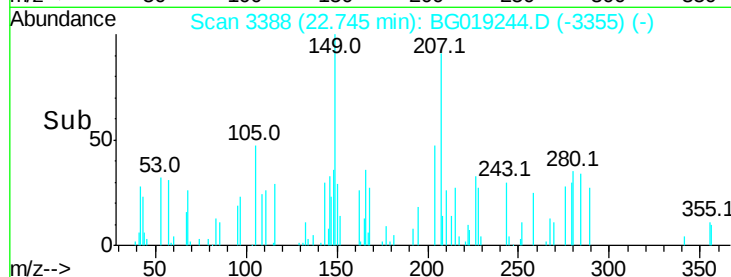
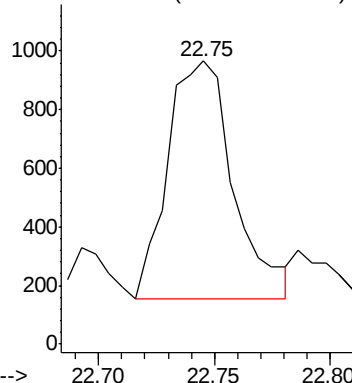
#87
Di-n-octyl phthalate
Concen: 10.20 ng/ul
RT: 22.75 min Scan# 3388
Delta R.T. -0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Instrument :
BNA_G
ClientSampleId :
E5LK5DL

Tgt Ion:149 Resp: 1597

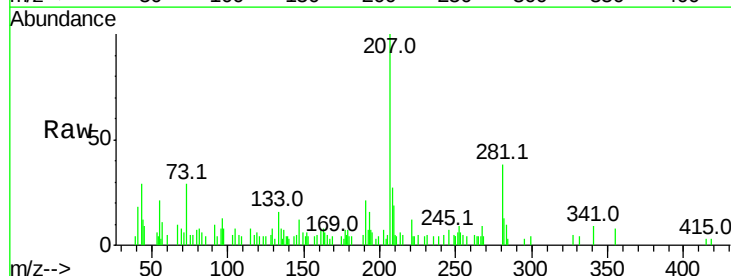


Abundance Ion 149.00 (148.70 to 149.70): E

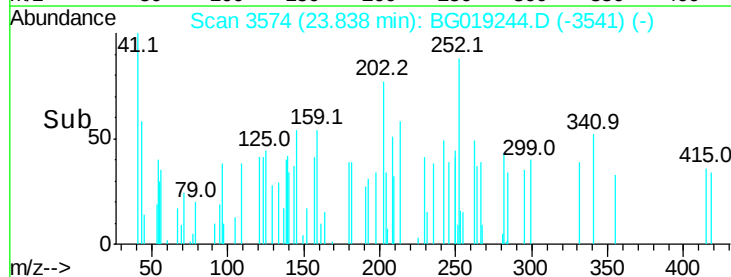
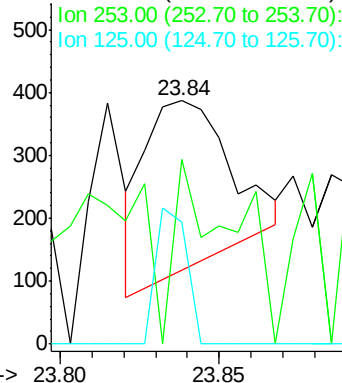


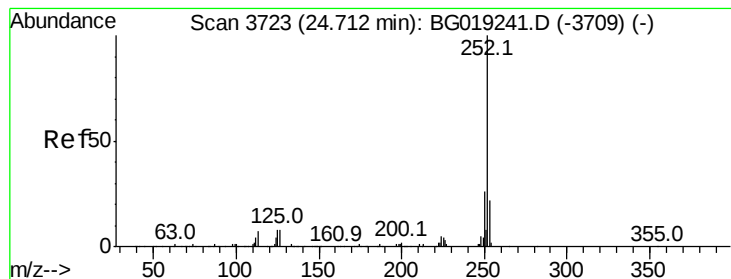
#88
Benzo(b)fluoranthene
Concen: 3.04 ng/ul
RT: 23.84 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG019244.D
Acq: 19 Oct 2015 16:51

Tgt Ion:252 Resp: 507
Ion Ratio Lower Upper
252 100
253 75.7 17.4 26.2#
125 50.1 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E





#91

Benzo(a)pyrene

Concen: 5.24 ng/ul

RT: 24.71 min Scan# 3722

Delta R.T. -0.00 min

Lab File: BG019244.D

Acq: 19 Oct 2015 16:51

Instrument :

BNA_G

ClientSampleId :

E5LK5DL

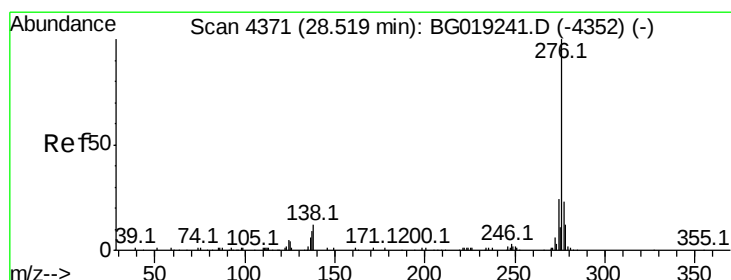
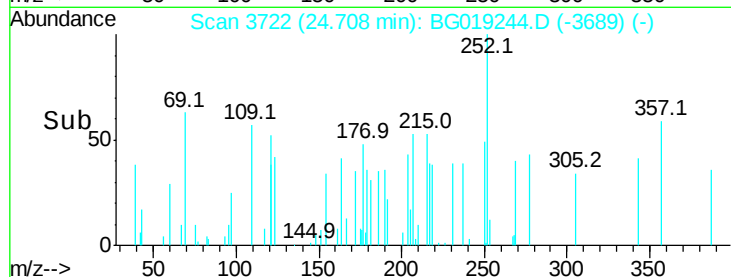
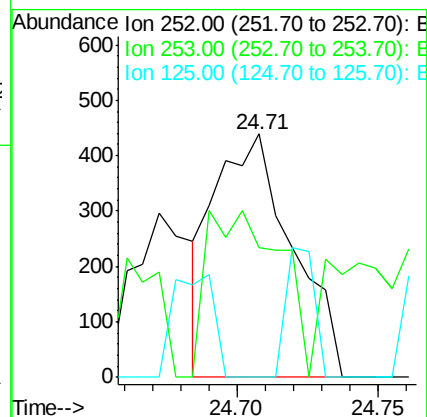
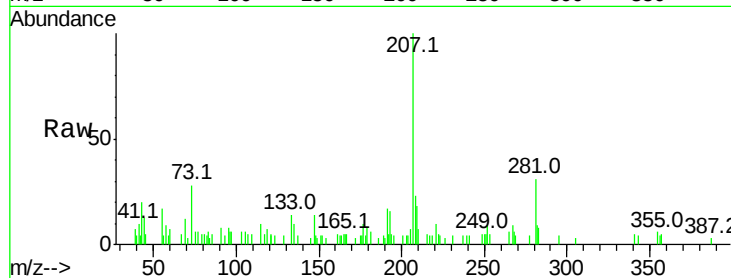
Tot Ion:252 Resp: 840

Ion Ratio Lower Upper

252 100

253 53.5 18.1 27.1#

125 0.0 9.4 14.2#



#92

Indeno(1,2,3-cd)pyrene

Concen: 6.82 ng/ul

RT: 28.51 min Scan# 4369

Delta R.T. -0.01 min

Lab File: BG019244.D

Acq: 19 Oct 2015 16:51

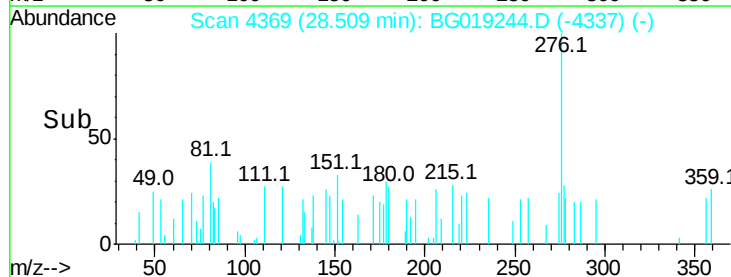
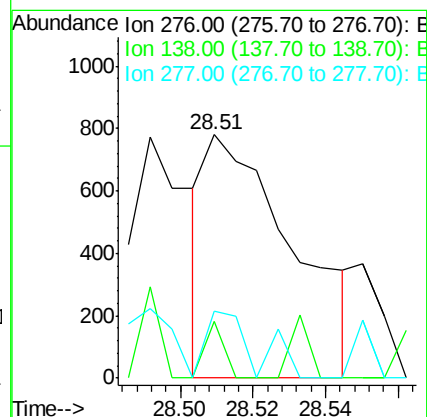
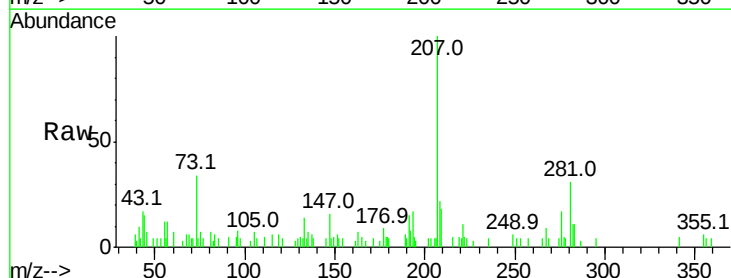
Tgt Ion:276 Resp: 1300

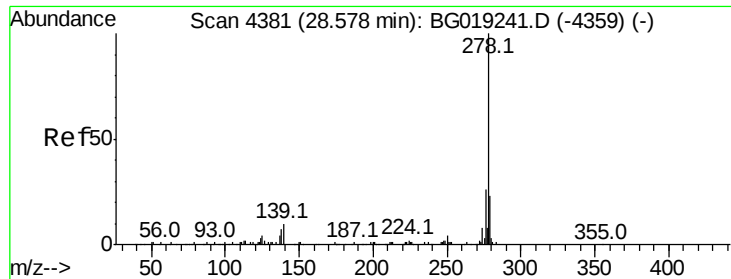
Ion Ratio Lower Upper

276 100

138 23.4 14.9 22.3#

277 27.7 18.0 27.0#





#93

Dibenzo(a,h)anthracene

Concen: 7.02 ng/ul

RT: 28.57 min Scan# 4379

Delta R.T. -0.01 min

Lab File: BG019244.D

Acq: 19 Oct 2015 16:51

Instrument :

BNA_G

ClientSampleId :

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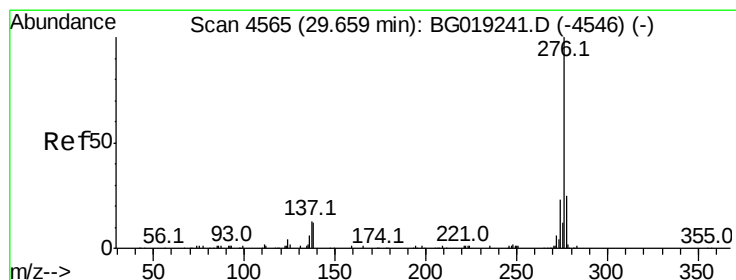
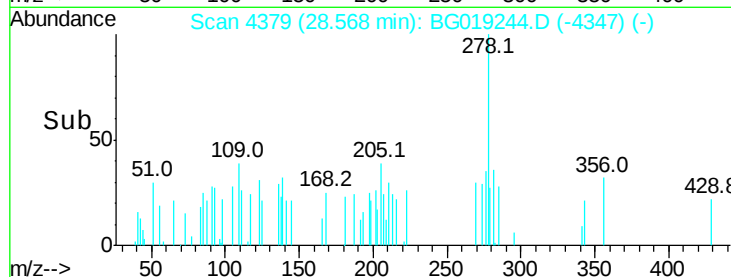
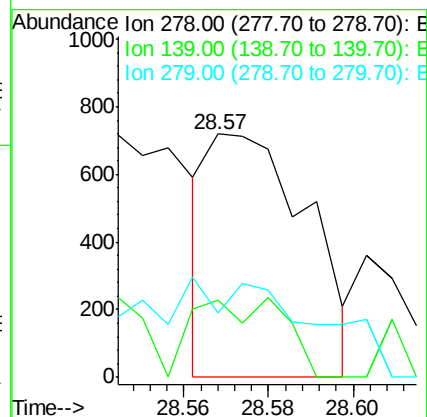
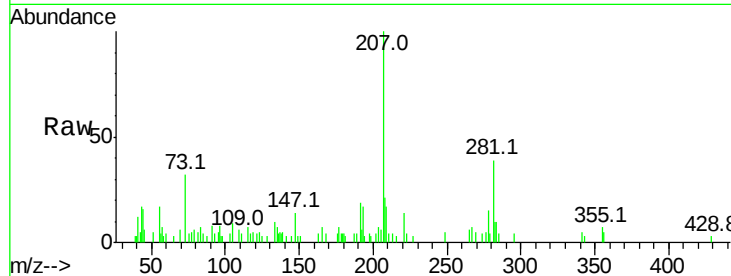
Tot Ion:278 Resp: 1166

Ion Ratio Lower Upper

278 100

139 31.5 11.2 16.8#

279 26.5 17.6 26.4#



#94

Benzo(g,h,i)perylene

Concen: 2.96 ng/ul

RT: 29.65 min Scan# 4563

Delta R.T. -0.01 min

Lab File: BG019244.D

Acq: 19 Oct 2015 16:51

Tgt Ion:276 Resp: 464

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

277 28.0 18.7 28.1

