

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042245.D
 Acq On : 16 Aug 2019 3:15
 Operator : HP/JU
 Sample : AR1248-50PPM
 Misc : GCMS CONFIRMATION
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 17 03:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 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	-8.03
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.85
35) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.68
61) Phenanthrene-d10	17.35	188	962	20.00	ng/ul	-0.09
77) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.72
85) Perylene-d12	25.37	264	55	20.00	ng/ul	0.38

System Monitoring Compounds

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	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.35	188	962	20.84	ng/ul	-0.19
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	25.37	264	55	19.14	ng/ul	0.61

Target Compounds

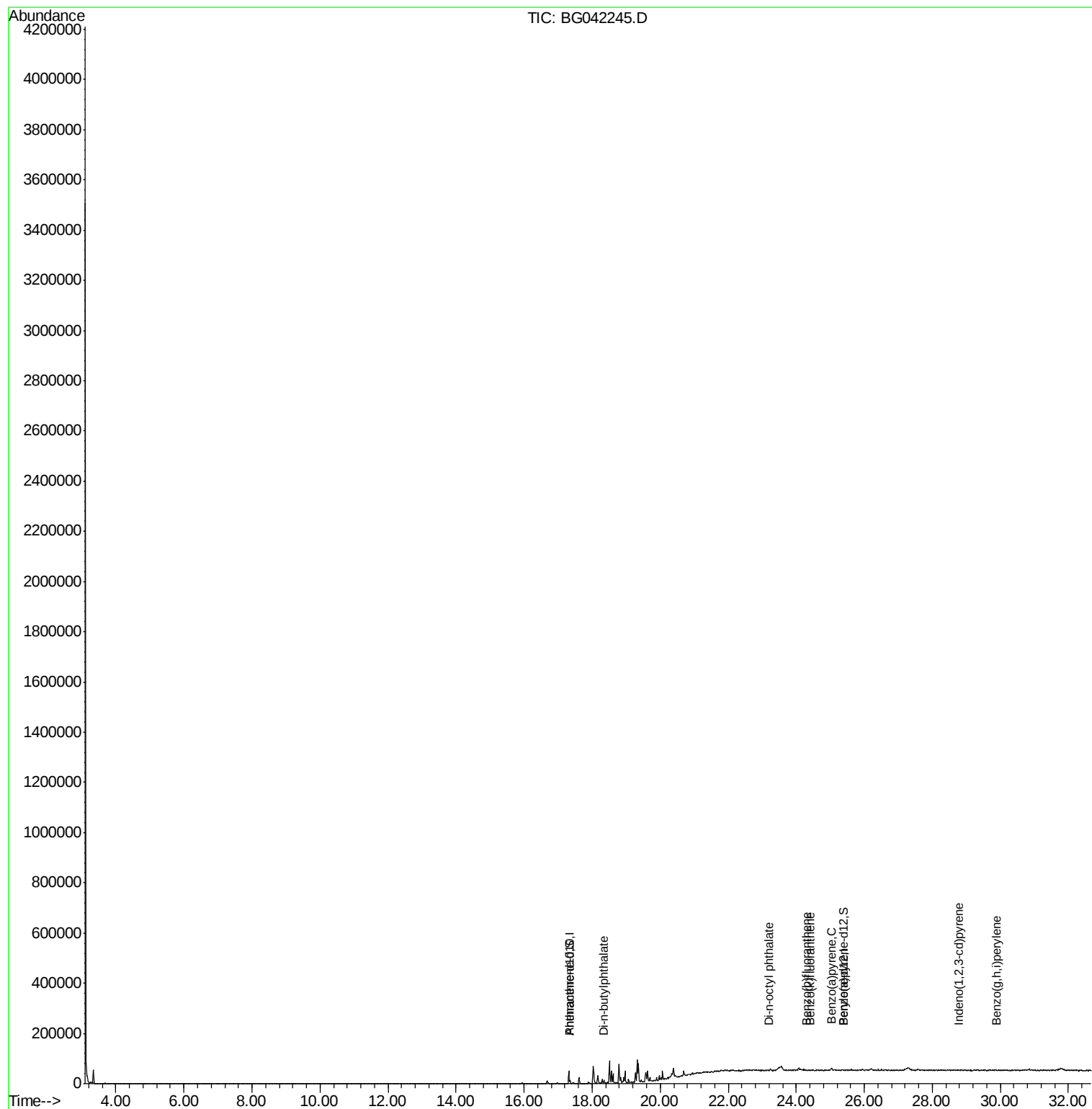
					Ovalue	
75) Di-n-butylphthalate	18.33	149	274	5.024	ng/ul#	1
86) Di-n-octyl phthalate	23.19	149	316	116.125	ng/ul	100
87) Benzo(b)fluoranthene	24.29	252	117	33.898	ng/ul#	1
88) Benzo(k)fluoranthene	24.42	252	119	35.858	ng/ul#	1
90) Benzo(a)pyrene	25.04	252	68	20.675	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	28.78	276	64	16.683	ng/ul#	56
93) Benzo(g,h,i)perylene	29.89	276	119	37.154	ng/ul#	1

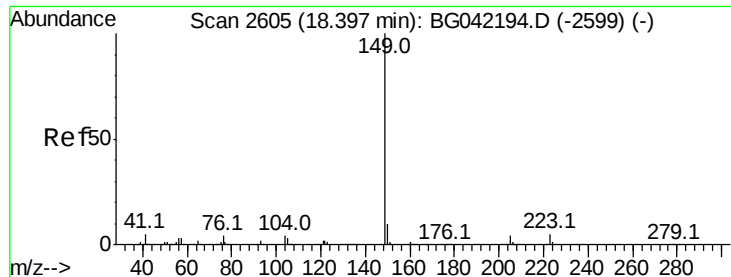
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#75

Di-n-butylphthalate

Concen: 5.024 ng/ul

RT: 18.33 min Scan# 2595

Delta R.T. -0.07 min

Lab File: BG042245.D

Acq: 16 Aug 2019 3:15

Instrument :

BNA_G

ClientSampleId :

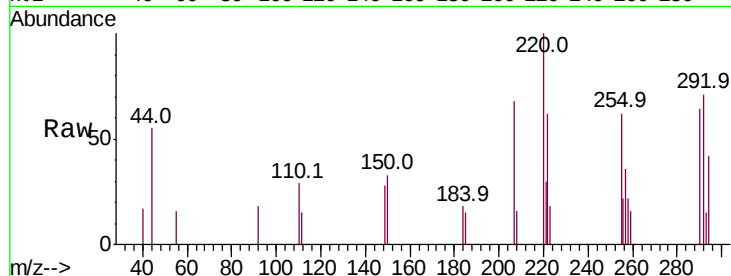
Tot Ion:149 Resp: 274

Ion Ratio Lower Upper

149 100

150 118.6 8.3 12.5#

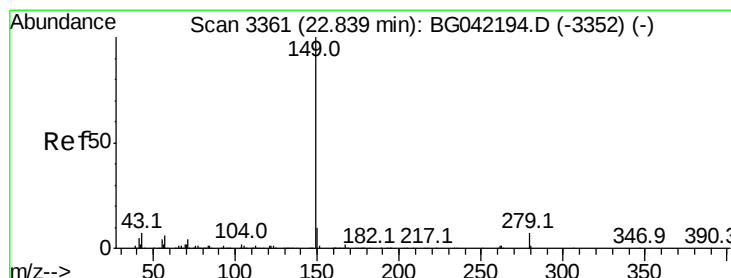
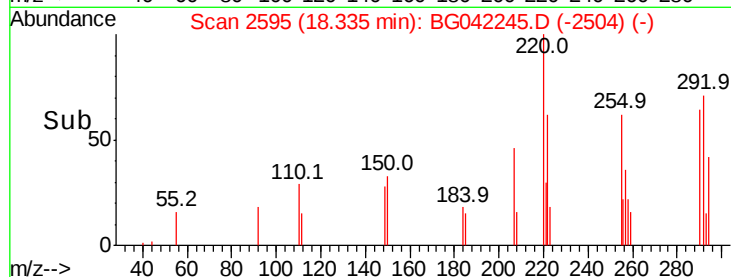
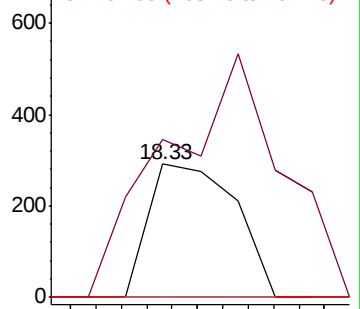
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#86

Di-n-octyl phthalate

Concen: 116.125 ng/ul

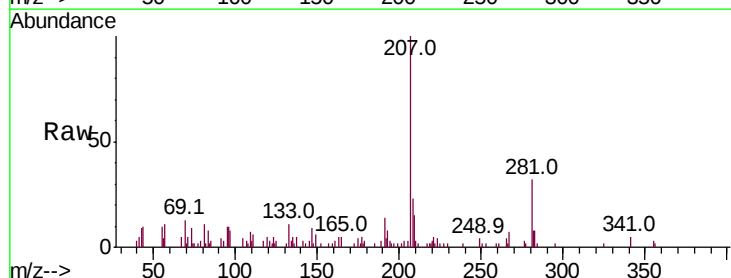
RT: 23.19 min Scan# 3421

Delta R.T. 0.35 min

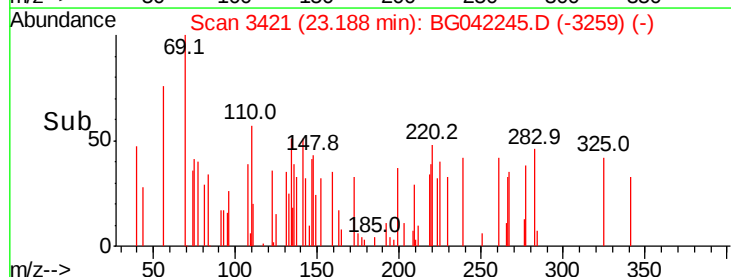
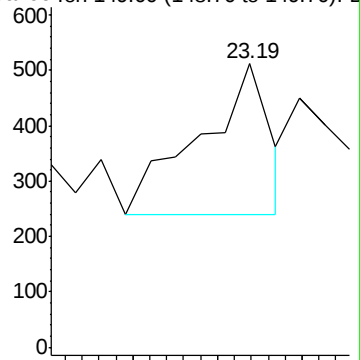
Lab File: BG042245.D

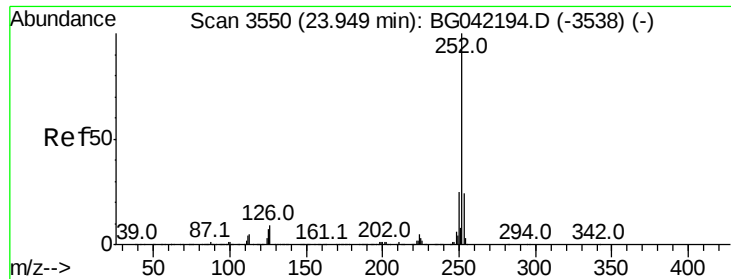
Acq: 16 Aug 2019 3:15

Tgt Ion:149 Resp: 316



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 33.898 ng/ul

RT: 24.29 min Scan# 3609

Delta R.T. 0.34 min

Lab File: BG042245.D

Acq: 16 Aug 2019 3:15

Instrument :

BNA_G

ClientSampleId :

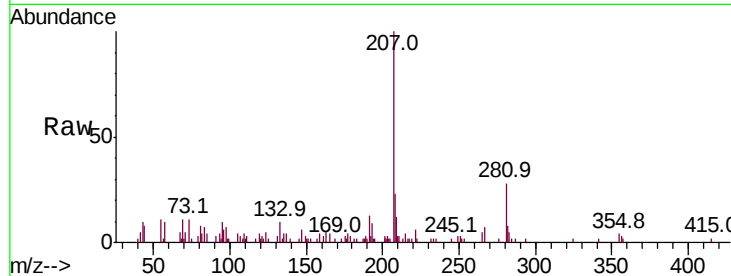
Tot Ion:252 Resp: 117

Ion Ratio Lower Upper

252 100

253 129.2 18.4 27.6#

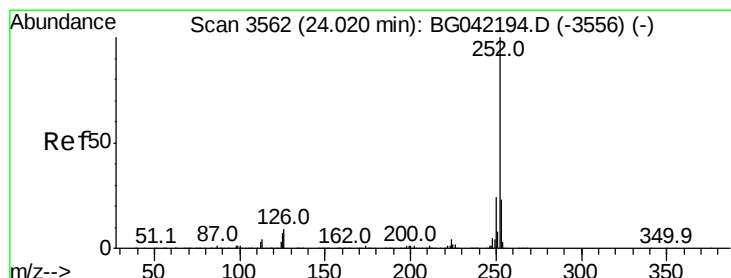
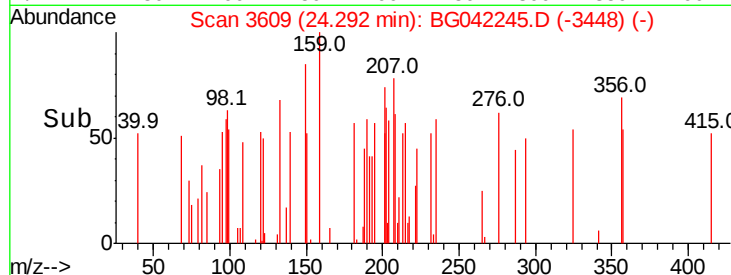
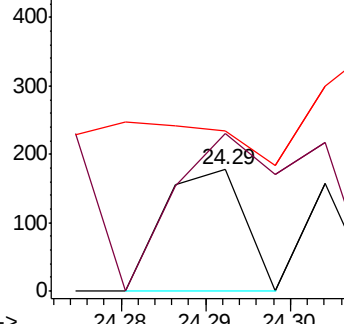
125 131.5 5.8 8.8#



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



#88

Benzo(k)fluoranthene

Concen: 35.858 ng/ul

RT: 24.42 min Scan# 3631

Delta R.T. 0.41 min

Lab File: BG042245.D

Acq: 16 Aug 2019 3:15

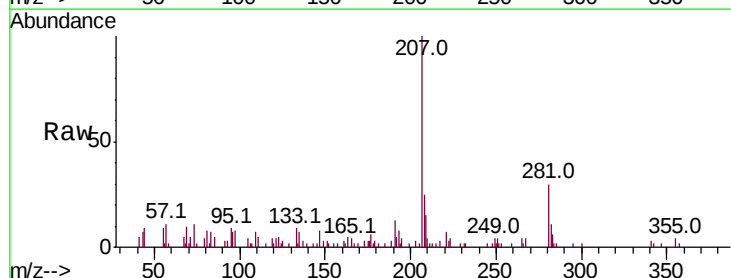
Tgt Ion:252 Resp: 119

Ion Ratio Lower Upper

252 100

253 82.5 18.3 27.5#

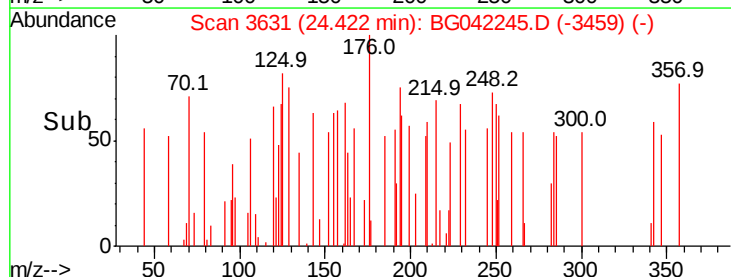
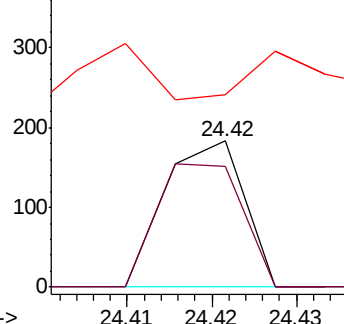
125 131.7 5.5 8.3#

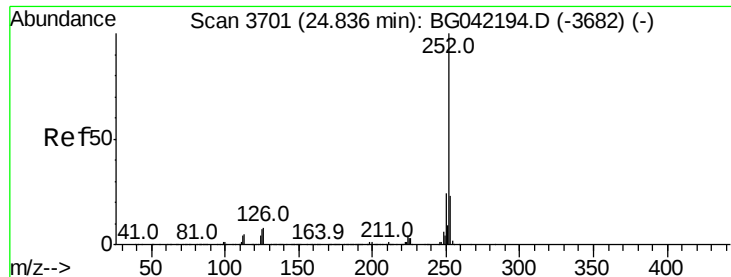


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.675 ng/ul

RT: 25.04 min Scan# 3737

Delta R.T. 0.21 min

Lab File: BG042245.D

Acq: 16 Aug 2019 3:15

Instrument :

BNA_G

ClientSampleId :

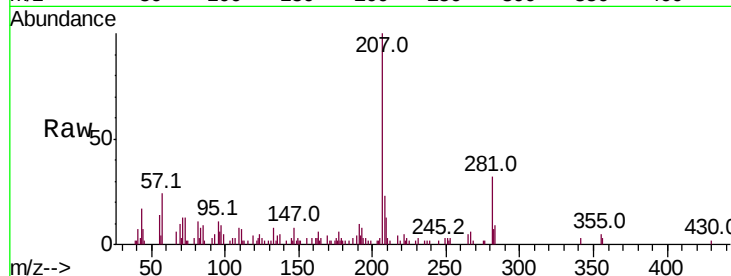
Tot Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

253 124.0 18.3 27.5#

125 165.1 6.5 9.7#

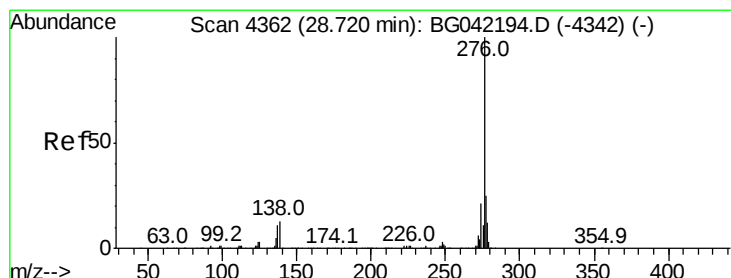
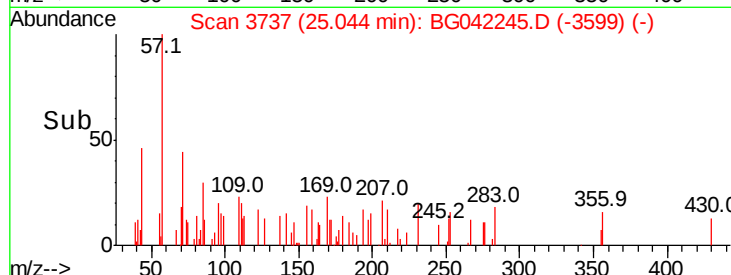
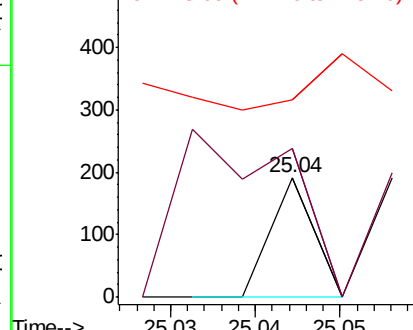


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 16.683 ng/ul

RT: 28.78 min Scan# 4372

Delta R.T. 0.06 min

Lab File: BG042245.D

Acq: 16 Aug 2019 3:15

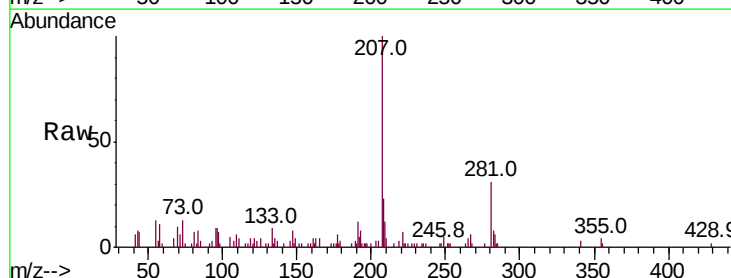
Tgt Ion:276 Resp: 64

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

277 0.0 19.2 28.8#

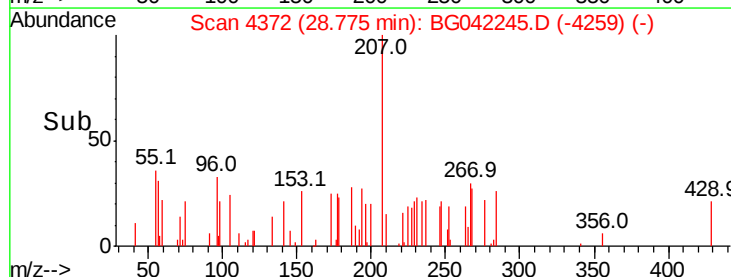
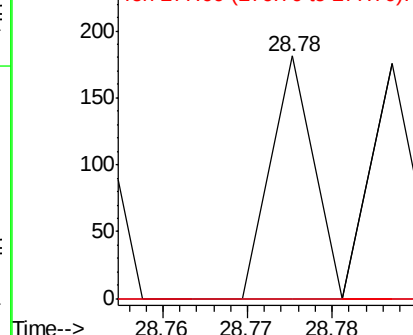


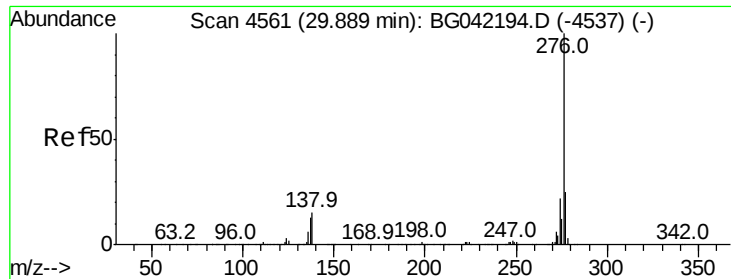
Abundance

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

Benzo(a,h,i)perylene

Concen: 37.154 ng/ul

RT: 29.89 min Scan# 4562

Delta R.T. 0.01 min

Lab File: BG042245.D

Acq: 16 Aug 2019 3:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 119

Ion Ratio Lower Upper

276 100

138 107.1 12.6 18.8#

277 112.1 19.2 28.8#

