

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041948.D
 Acq On : 4 Aug 2019 18:53
 Operator : HP/JU
 Sample : K3962-11
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 09:17:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	71538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	290467	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	196708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	419066	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	413249	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	453422	20.00	ng/ul	0.00

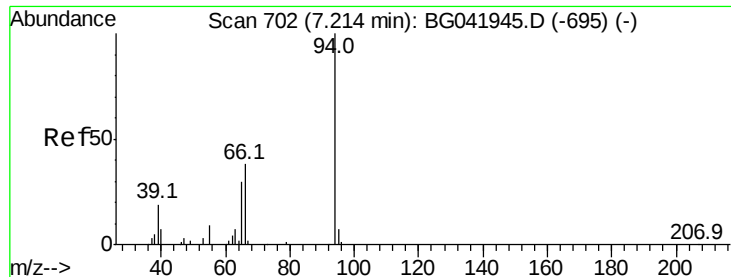
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3832	2.34	ng/uL	0.00
5) Phenol-d5	7.18	99	96022	17.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	54478	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	89235	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	78615	16.68	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	43303	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	53580	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	100104	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	95993	16.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	307408	20.15	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	353412	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	37319	14.57	ng/ul	0.00
57) Fluorene-d10	15.69	176	278727	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	36419	13.55	ng/ul	0.00
70) Anthracene-d10	17.55	188	424890	21.13	ng/ul	0.00
78) Pyrene-d10	19.83	212	477614	20.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	512860	21.65	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	6084	1.050	ng/ul	93
44) Dimethylphthalate	14.14	163	123786	8.172	ng/ul	99
48) 3-Nitroaniline	14.09	138	16348	6.222	ng/ul#	57
49) Acenaphthene	14.76	153	12384	1.007	ng/ul	98
69) Phenanthrene	17.49	178	225819	9.843	ng/ul	99
71) Anthracene	17.58	178	47397	2.037	ng/ul	96
79) Pyrene	19.86	202	451459	16.241	ng/ul	96
82) Benzo(a)anthracene	21.71	228	272285	9.503	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	37295	2.498	ng/ul	96
84) Chrysene	21.78	228	283332	10.595	ng/ul	96
86) Di-n-octyl phthalate	22.86	149	283538	12.639	ng/ul	100
87) Benzo(b)fluoranthene	23.98	252	246540	8.664	ng/ul	99
88) Benzo(k)fluoranthene	23.98	252	246540	9.011	ng/ul	99
90) Benzo(a)pyrene	24.86	252	205976	7.596	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.76	276	76695	2.425	ng/ul	97
92) Dibenzo(a,h)anthracene	28.80	278	27341	1.060	ng/ul#	90
93) Benzo(g,h,i)perylene	29.91	276	78489	2.973	ng/ul	97

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



#6

Phenol

Concen: 1.050 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

ClientSampleId :

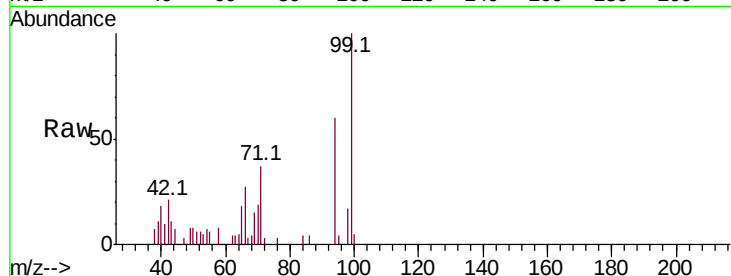
Tot Ion: 94 Resp: 6084

Ion Ratio Lower Upper

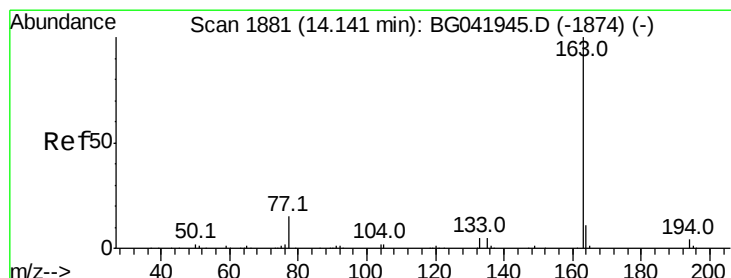
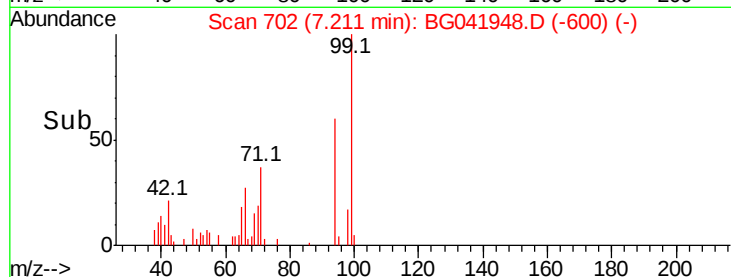
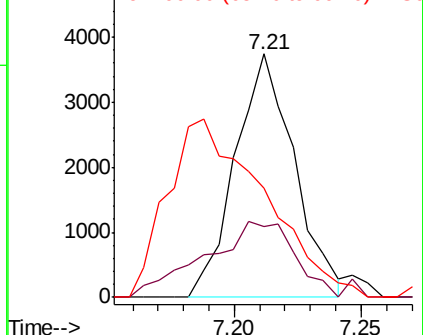
94 100

65 29.3 25.8 38.6

66 45.0 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 8.172 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

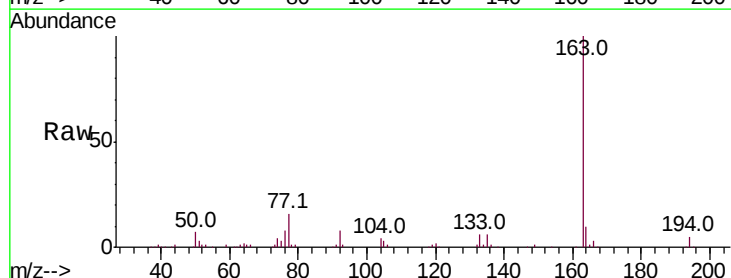
Tgt Ion:163 Resp: 123786

Ion Ratio Lower Upper

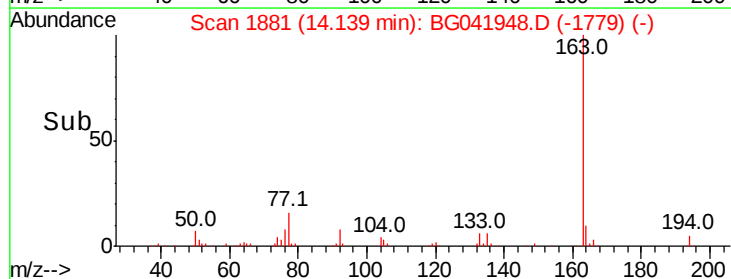
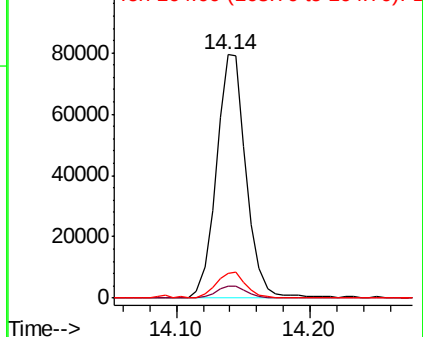
163 100

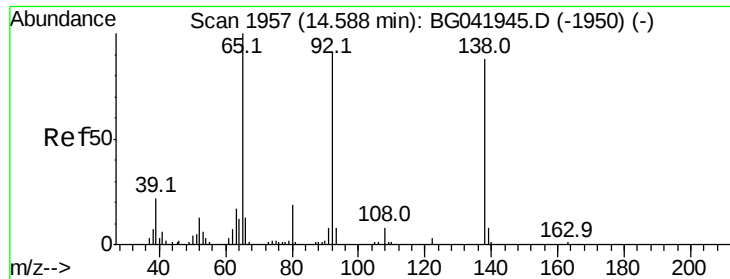
194 4.9 4.2 6.2

164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#48

3-Nitroaniline

Concen: 6.222 ng/ul

RT: 14.09 min Scan# 1873

Delta R.T. -0.50 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

ClientSampleId :

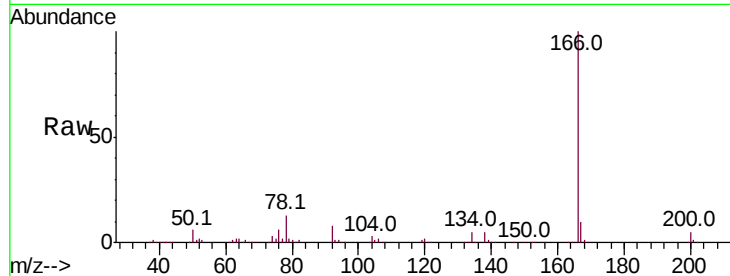
Tot Ion:138 Resp: 16348

Ion Ratio Lower Upper

138 100

108 1.9 7.6 11.4#

92 139.7 76.4 114.6#

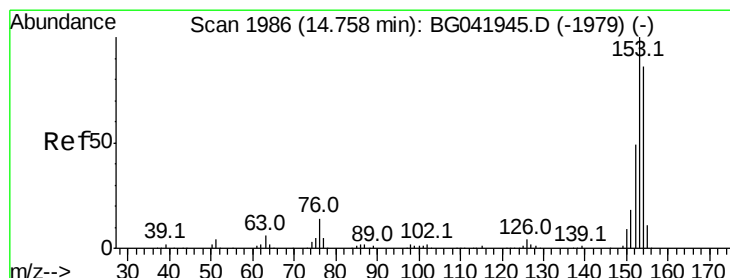
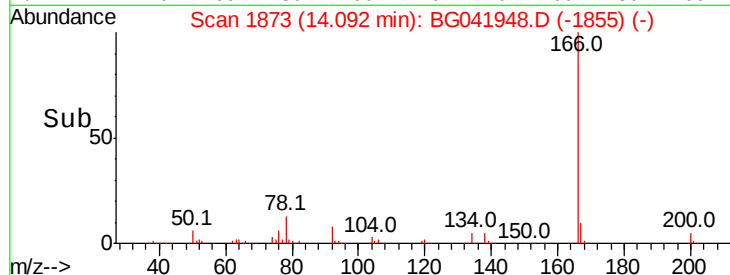
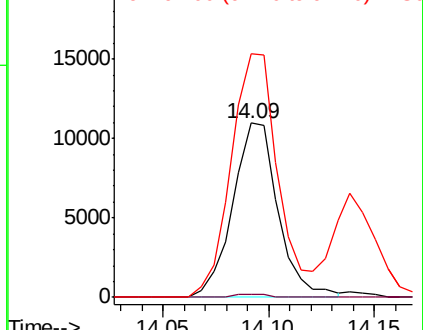


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#49

Acenaphthene

Concen: 1.007 ng/ul

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

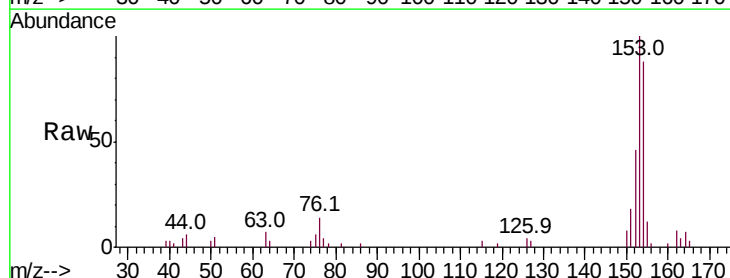
Tgt Ion:153 Resp: 12384

Ion Ratio Lower Upper

153 100

152 46.0 37.8 56.8

154 88.2 69.4 104.2

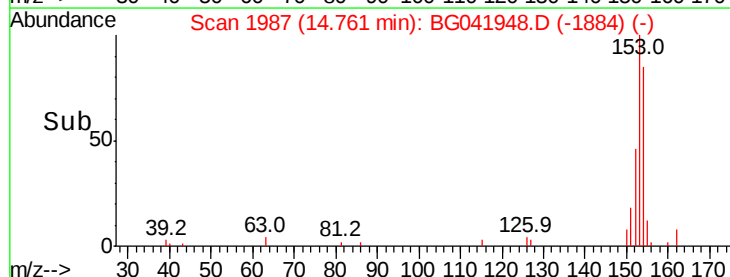
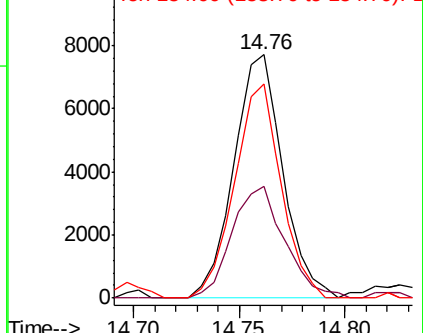


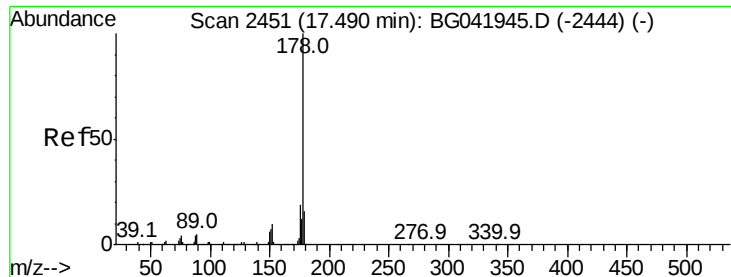
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#69

Phenanthrene

Concen: 9.843 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

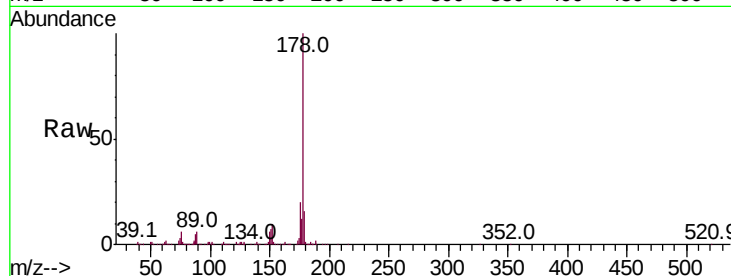
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 225819

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.6	15.4	23.2

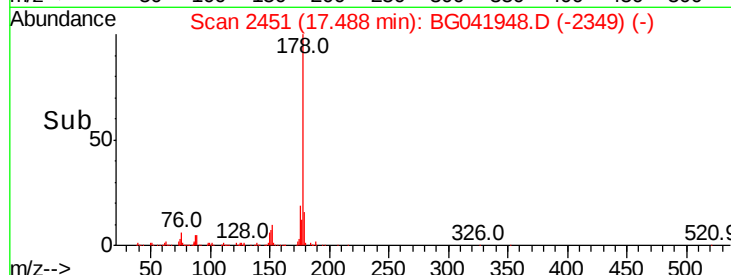
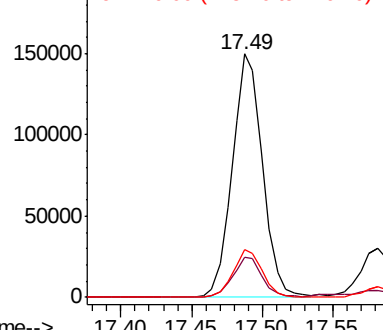


Abundance

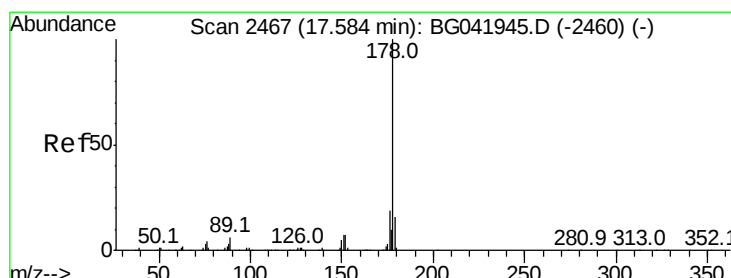
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 2.037 ng/ul

RT: 17.58 min Scan# 2467

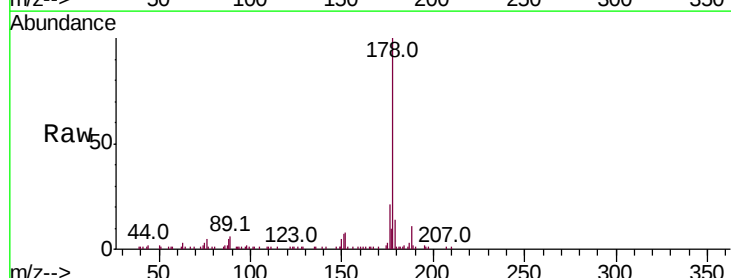
Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Tgt Ion:178 Resp: 47397

Ion	Ratio	Lower	Upper
178	100		
179	14.4	13.4	20.0
176	20.9	15.4	23.2

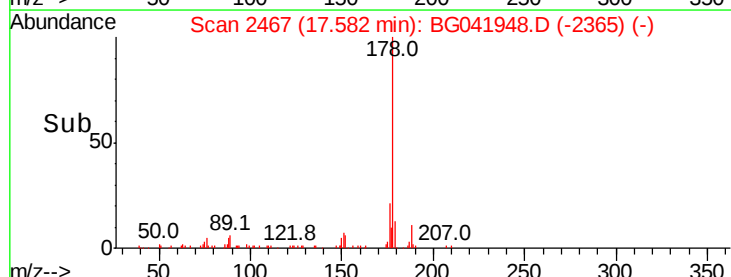
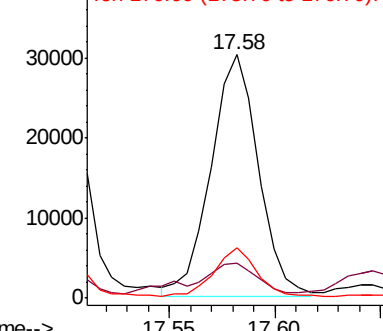


Abundance

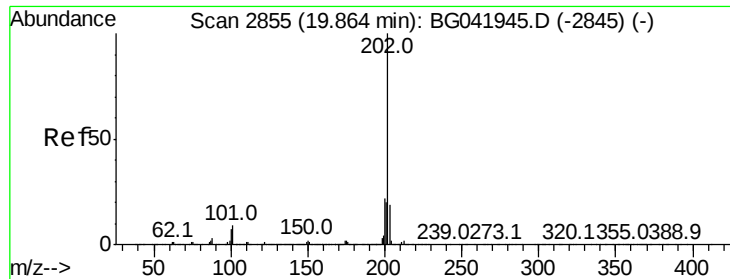
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



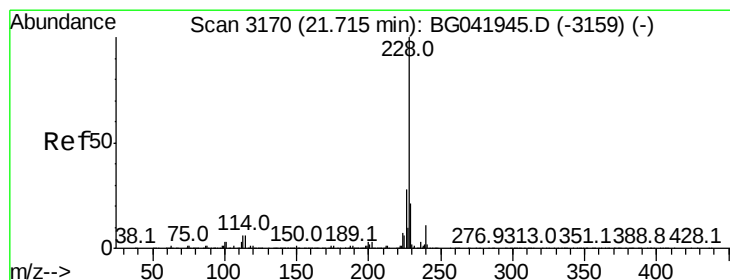
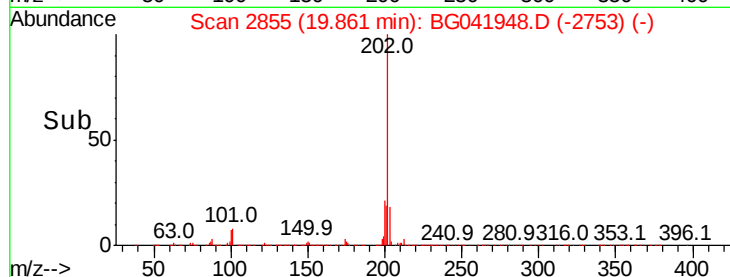
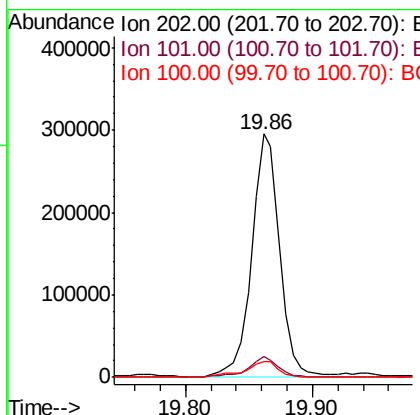
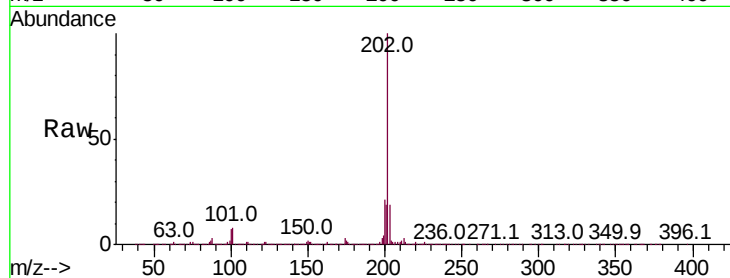
Time-->



#79
Pvrene
Concen: 16.241 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041948.D
Acq: 4 Aug 2019 18:53

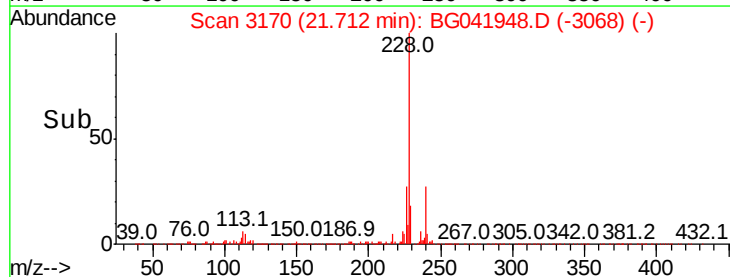
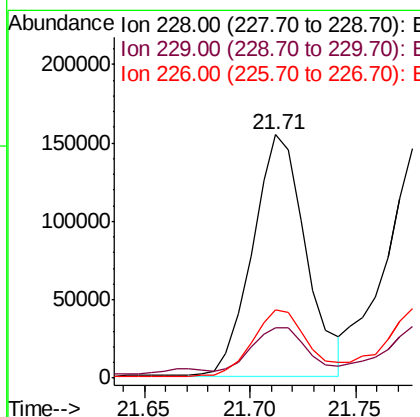
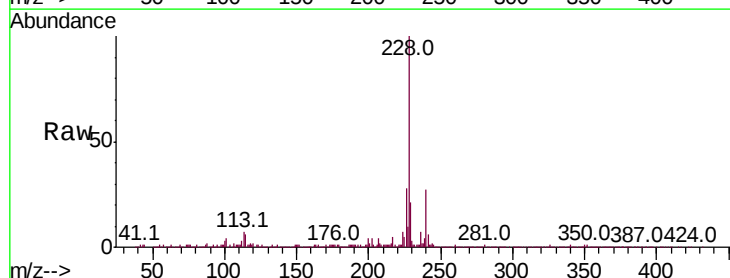
Instrument :
BNA_G
ClientSampleId :

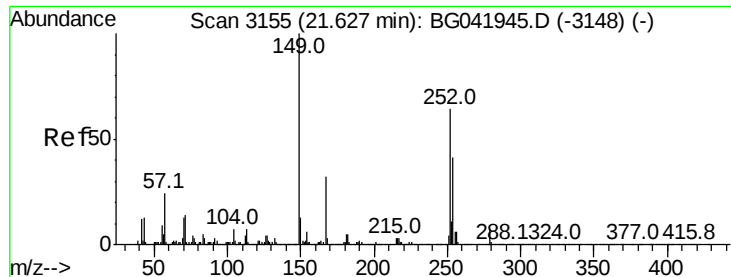
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.6	11.4
100	6.6	6.5	9.7



#82
Benzo(a)anthracene
Concen: 9.503 ng/ul
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041948.D
Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.0	25.6
226	28.2	23.3	34.9

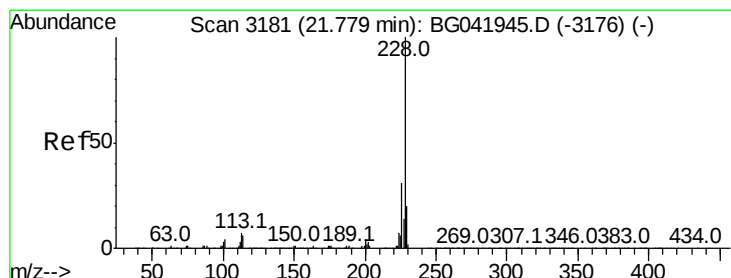
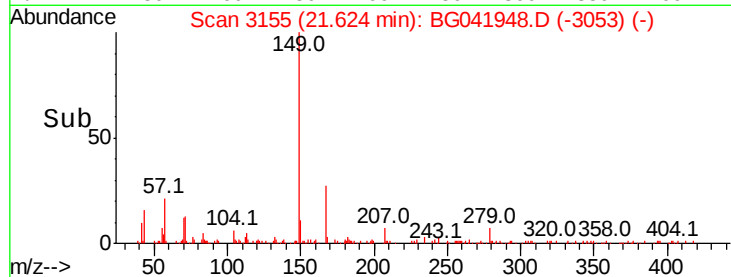
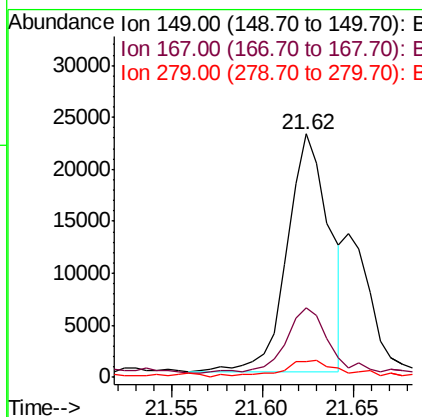
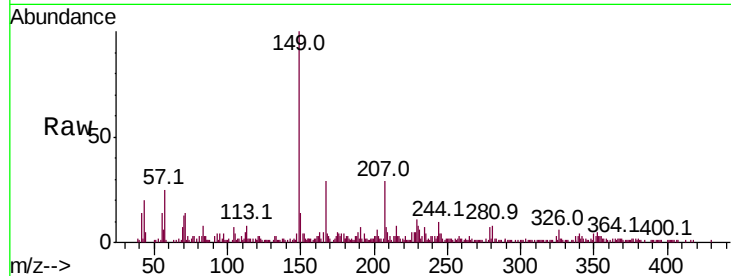




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.498 ng/ul
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG041948.D
 Acq: 4 Aug 2019 18:53

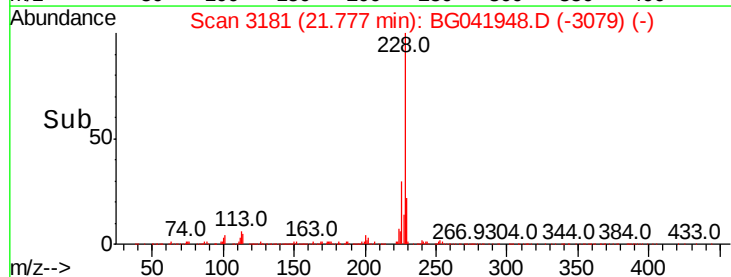
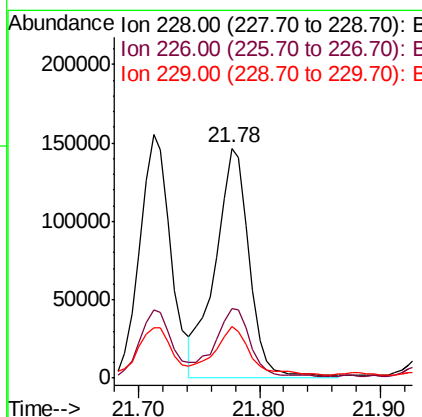
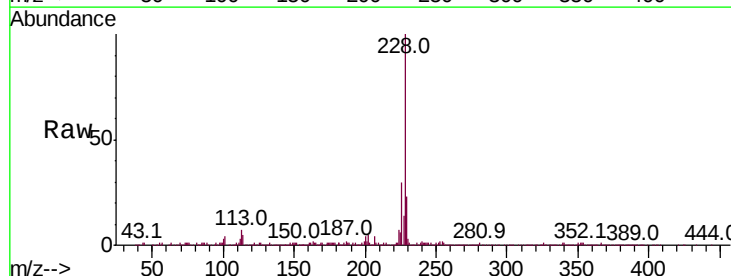
Instrument :
 BNA_G
 ClientSampleId :

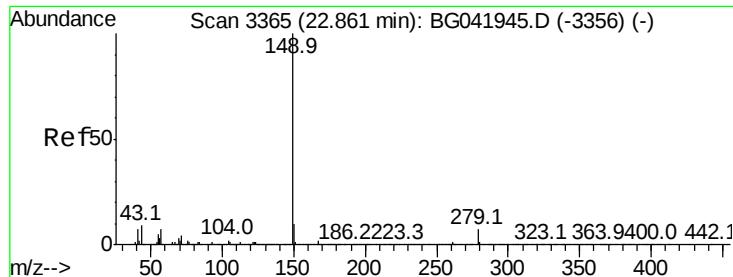
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	25.0	37.4
279	6.6	5.2	7.8



#84
 Chrysene
 Concen: 10.595 ng/ul
 RT: 21.78 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG041948.D
 Acq: 4 Aug 2019 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.7	38.5
229	22.8	16.6	24.8





#86

Di-n-octyl phthalate

Concen: 12.639 ng/ul

RT: 22.86 min Scan# 3365

Delta R.T. -0.00 min

Lab File: BG041948.D

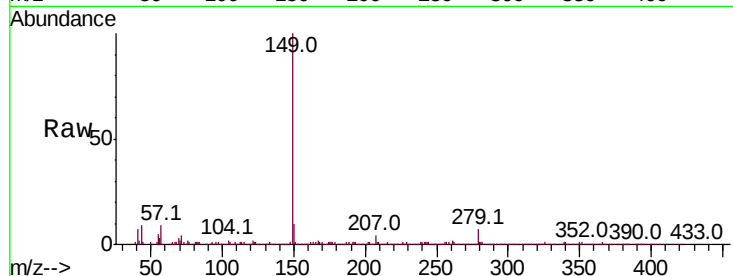
Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

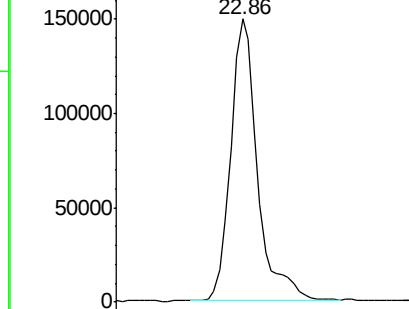
ClientSampleId :

Tgt Ion:149 Resp: 283538

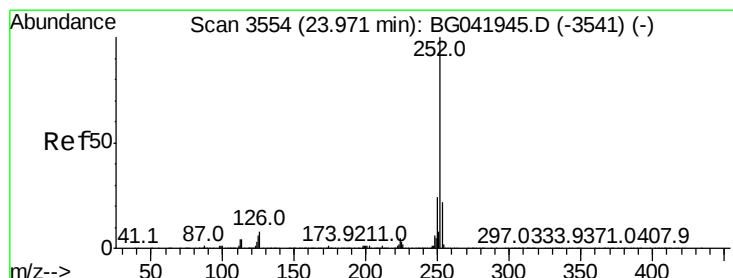
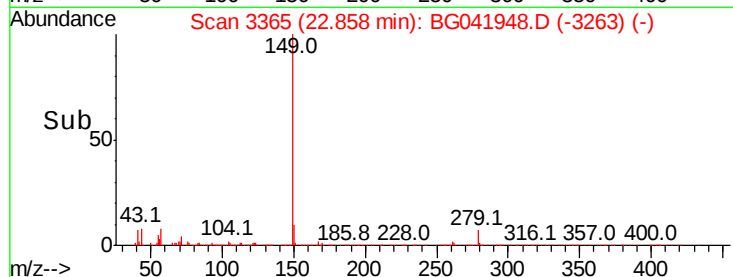


Abundance Ion 149.00 (148.70 to 149.70): E

22.86



Time-->



#87

Benzo(b)fluoranthene

Concen: 8.664 ng/ul

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

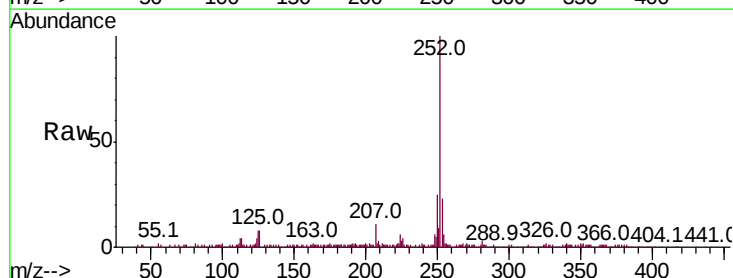
Tgt Ion:252 Resp: 246540

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

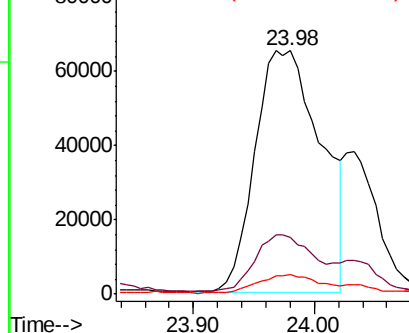
125 7.9 5.8 8.8



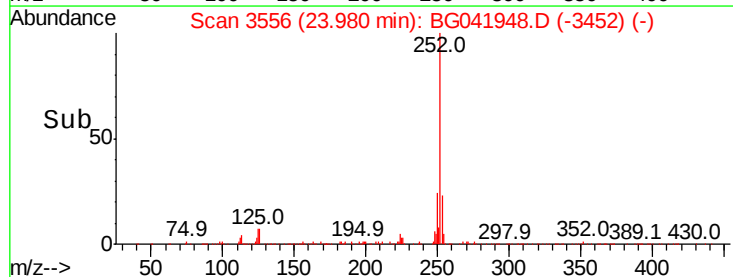
Abundance Ion 252.00 (251.70 to 252.70): E

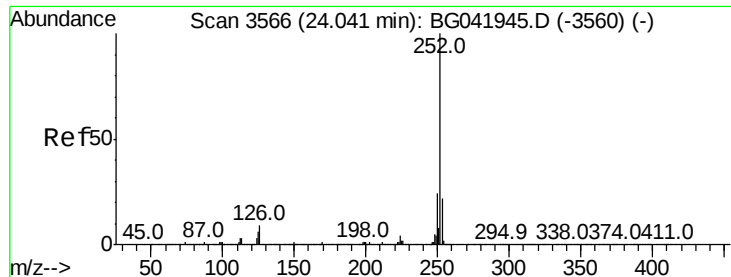
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(k)fluoranthene

Concen: 9.011 ng/ul

RT: 23.98 min Scan# 3556

Delta R.T. -0.06 min

Lab File: BG041948.D

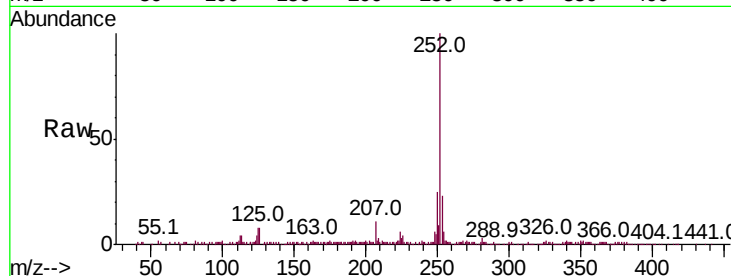
Acq: 4 Aug 2019 18:53

Instrument :

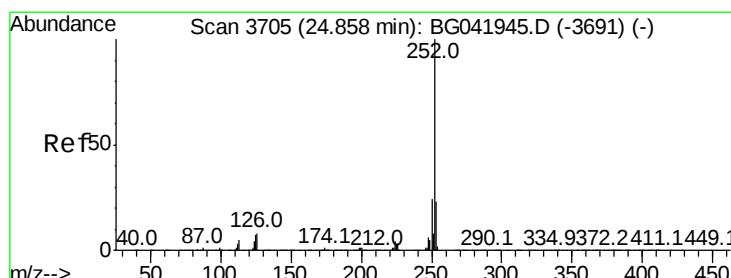
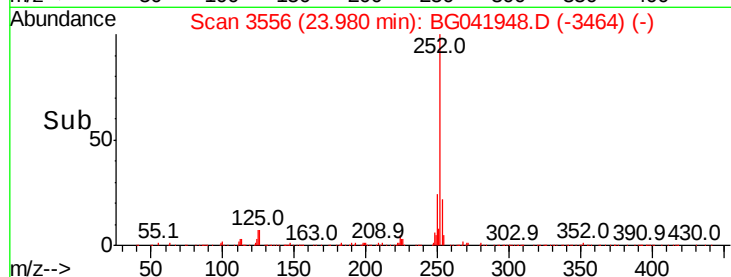
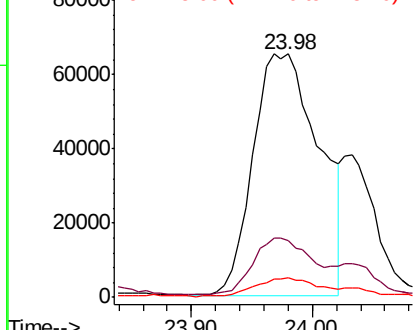
BNA_G

ClientSampleId :

Tot Ion:252	Resp:	246540
Ion Ratio	Lower	Upper
252	100	
253	23.4	18.3 27.5
125	7.9	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: 7.596 ng/ul

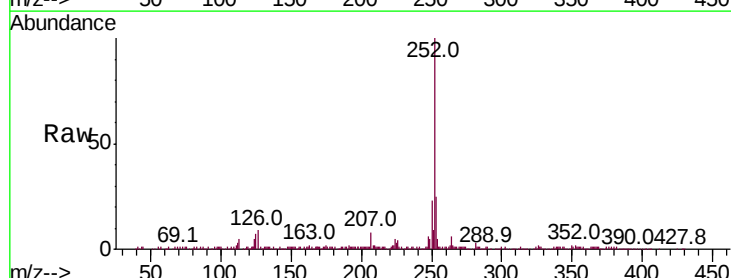
RT: 24.86 min Scan# 3705

Delta R.T. -0.00 min

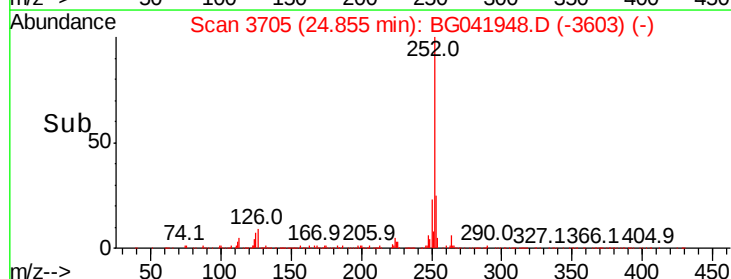
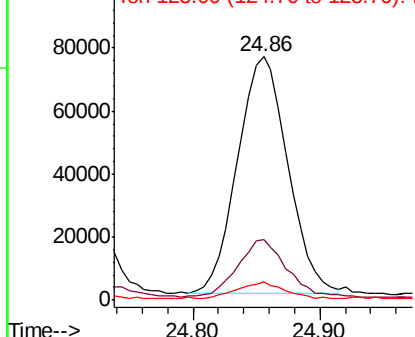
Lab File: BG041948.D

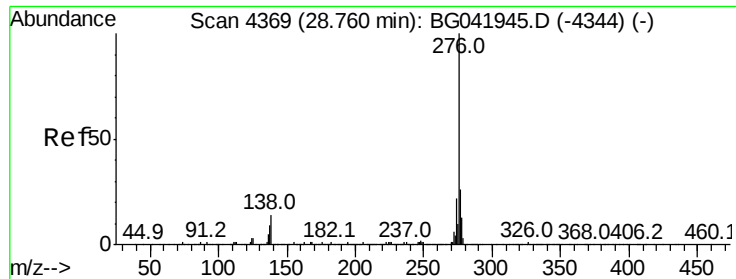
Acq: 4 Aug 2019 18:53

Tgt Ion:252	Resp:	205976
Ion Ratio	Lower	Upper
252	100	
253	24.8	18.3 27.5
125	7.4	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: 2.425 ng/ul

RT: 28.76 min Scan# 4369

Delta R.T. -0.00 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

ClientSampleId :

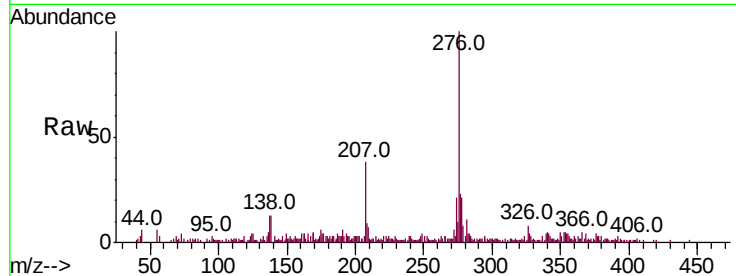
Tot Ion:276 Resp: 76695

Ion	Ratio	Lower	Upper
276	100		
138	12.8	12.0	18.0
277	23.2	19.2	28.8

276 100

138 12.8 12.0 18.0

277 23.2 19.2 28.8

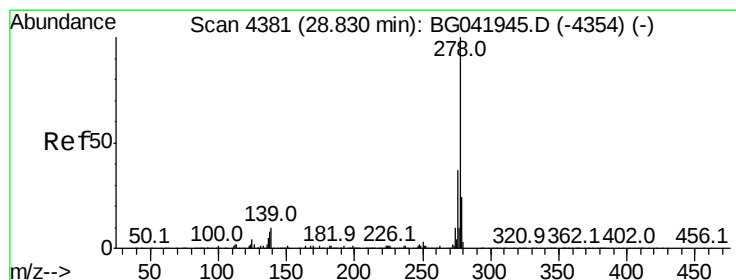
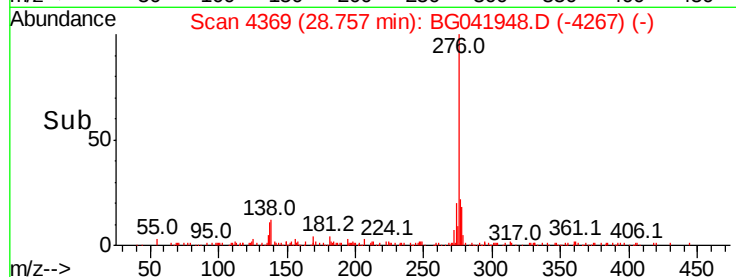
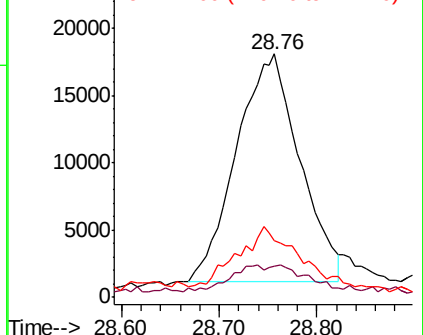


Abundance

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



#92

Dibenzo(a,h)anthracene

Concen: 1.060 ng/ul

RT: 28.80 min Scan# 4376

Delta R.T. -0.03 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

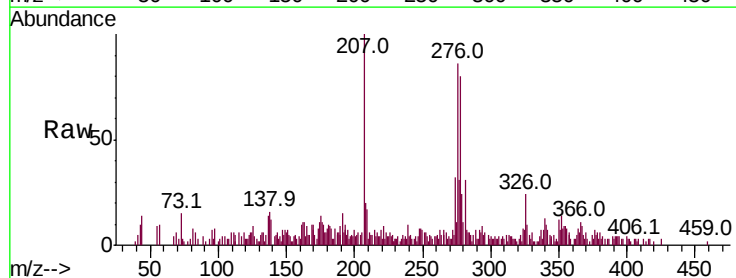
Tgt Ion:278 Resp: 27341

Ion	Ratio	Lower	Upper
278	100		
139	15.1	9.4	14.0#
279	29.5	19.2	28.8#

278 100

139 15.1 9.4 14.0#

279 29.5 19.2 28.8#

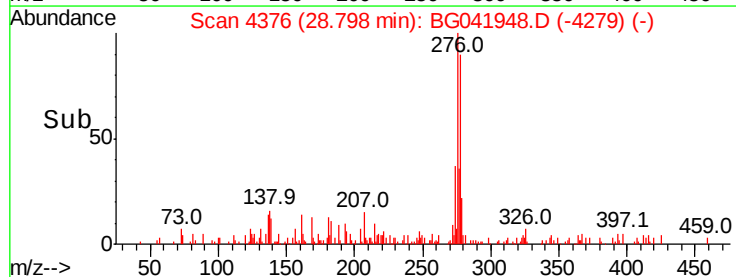
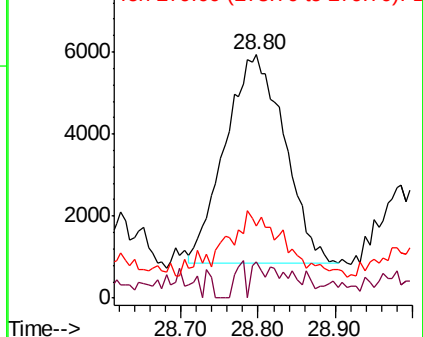


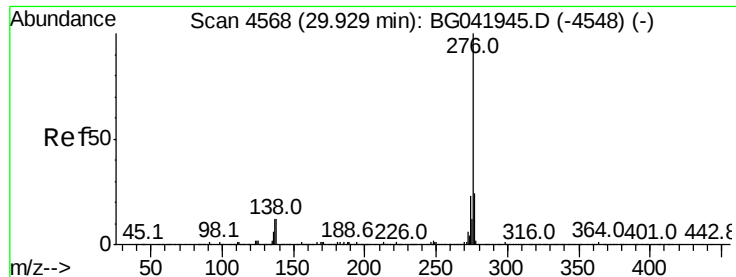
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.973 ng/ul

RT: 29.91 min Scan# 4566

Delta R.T. -0.01 min

Lab File: BG041948.D

Acq: 4 Aug 2019 18:53

Instrument :

BNA_G

ClientSampleId :

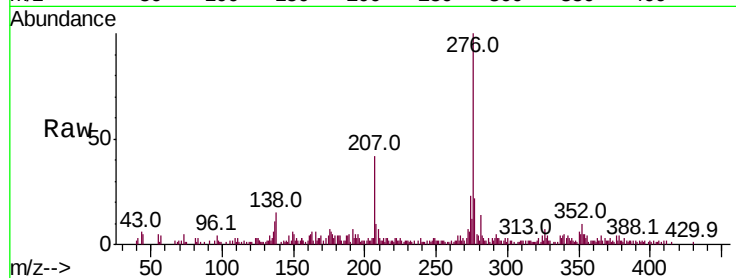
Tot Ion:276 Resp: 78489

Ion Ratio Lower Upper

276 100

138 14.6 12.6 18.8

277 22.5 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

