

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041929.D
 Acq On : 4 Aug 2019 5:27
 Operator : HP/JU
 Sample : K3962-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP30

Quant Time: Aug 04 08:30:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 04 03:32:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	356795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	245591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	546156	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	542131	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	595278	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5197	2.67	ng/uL	0.00
5) Phenol-d5	7.19	99	131957	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	75758	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	119201	20.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	113264	20.20	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	59132	22.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	70620	22.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	133450	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	139251	19.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	439504	23.07	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	491901	22.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	46945	14.68	ng/ul	0.00
57) Fluorene-d10	15.69	176	392339	23.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37914	10.82	ng/ul	0.00
70) Anthracene-d10	17.54	188	643807	24.57	ng/ul	0.00
78) Pyrene-d10	19.83	212	748500	24.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	809110	26.02	ng/ul	0.00

Target Compounds

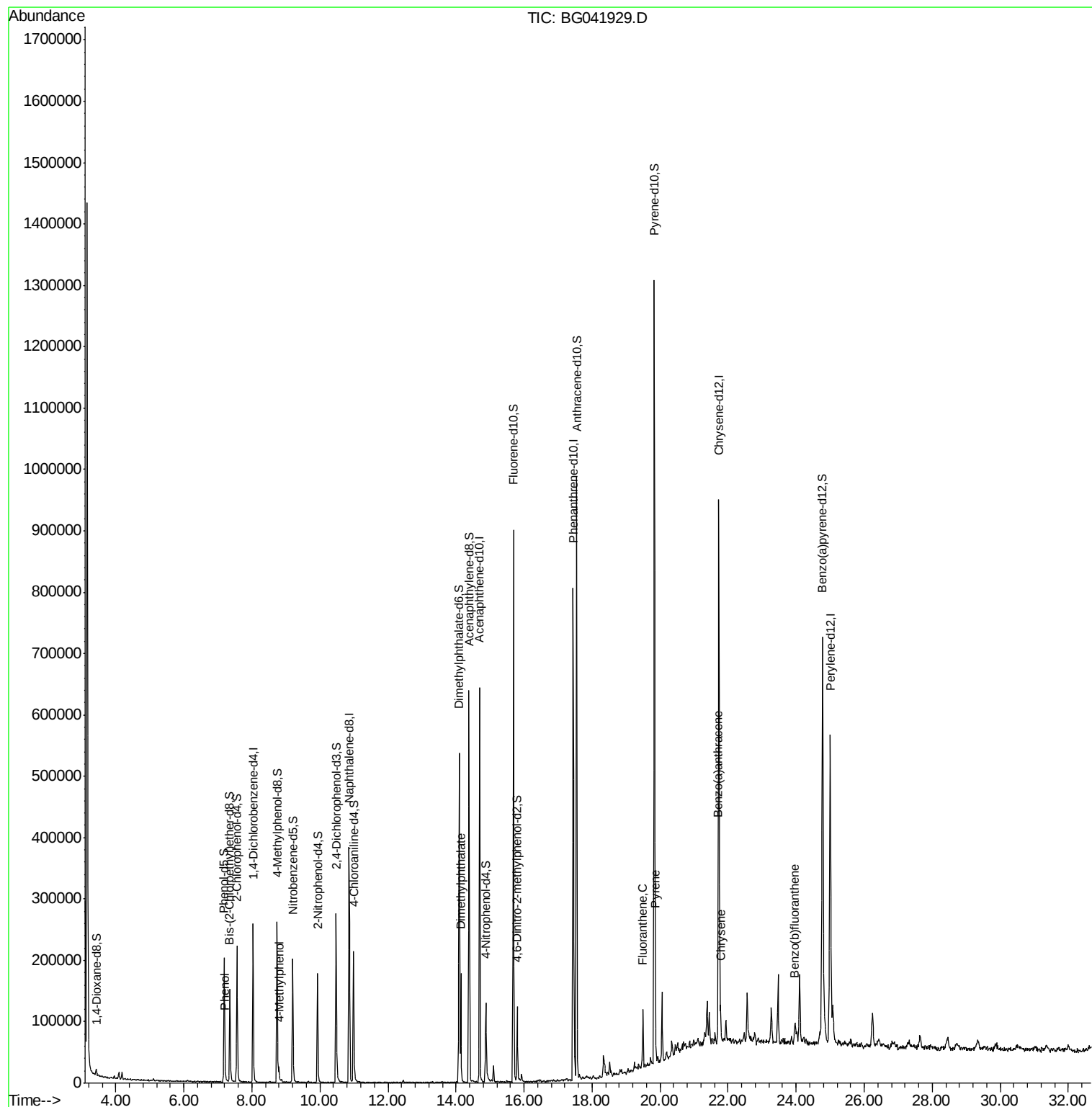
				Ovalue	
6) Phenol	7.22	94	7186	1.042	ng/ul# 89
16) 4-Methylphenol	8.80	108	7735	1.295	ng/ul 94
44) Dimethylphthalate	14.14	163	128994	6.821	ng/ul 98
76) Fluoranthene	19.49	202	65692	1.902	ng/ul 98
79) Pyrene	19.86	202	67336	1.846	ng/ul 99
82) Benzo(a)anthracene	21.70	228	39977	1.064	ng/ul 99
84) Chrysene	21.77	228	39164	1.116	ng/ul 98
87) Benzo(b)fluoranthene	23.96	252	45137	1.208	ng/ul# 92

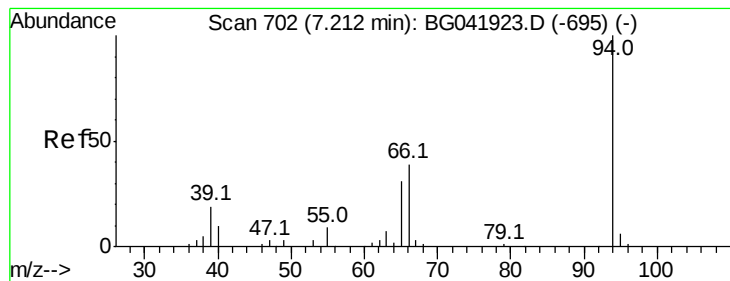
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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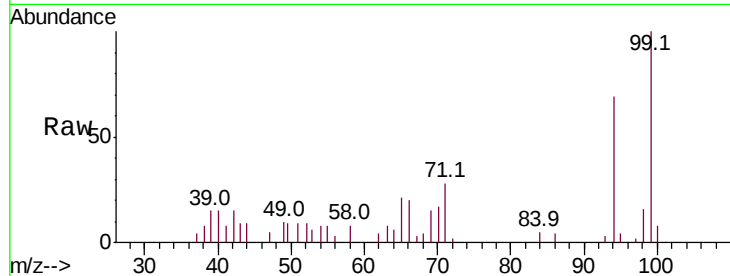
#6

Phenol

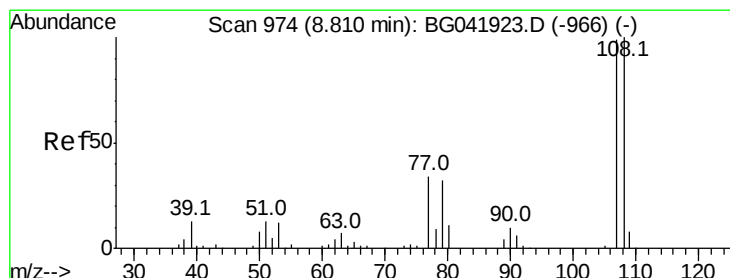
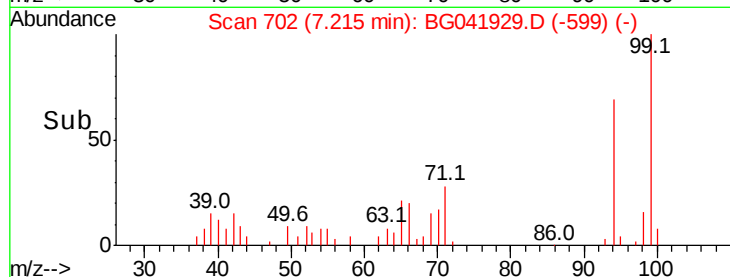
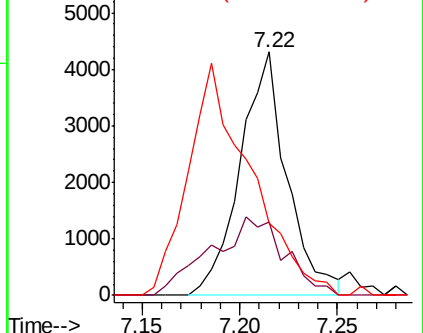
Concen: 1.042 ng/ul
 RT: 7.22 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BG041929.D
 Acq: 4 Aug 2019 5:27

Instrument :
 BNA_G
 ClientSampleId :
 BEP30

Tot Ion: 94 Resp: 7186
 Ion Ratio Lower Upper
 94 100
 65 30.0 25.8 38.6
 66 29.4 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

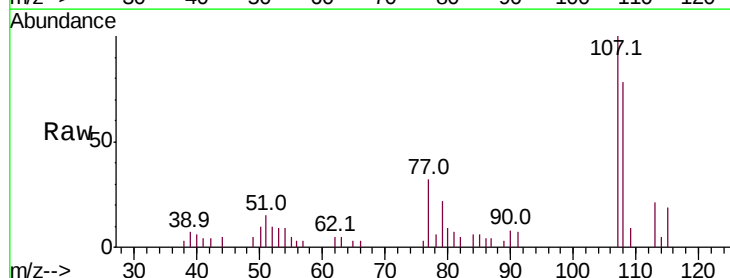


#16

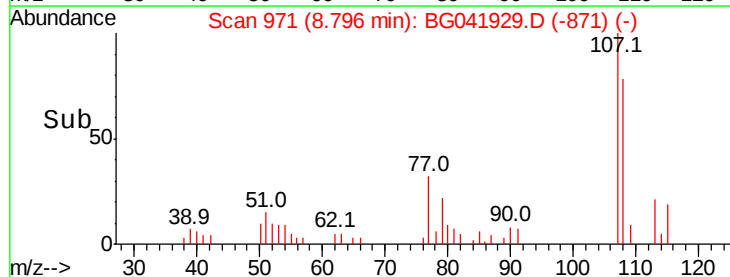
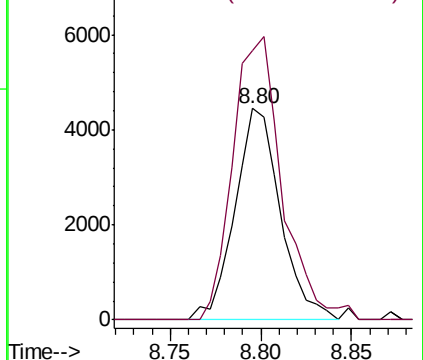
4-Methylphenol

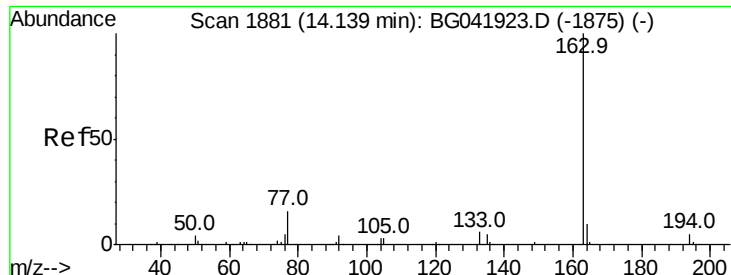
Concen: 1.295 ng/ul
 RT: 8.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BG041929.D
 Acq: 4 Aug 2019 5:27

Tgt Ion: 108 Resp: 7735
 Ion Ratio Lower Upper
 108 100
 107 127.4 96.2 144.2



Abundance Ion 108.00 (107.70 to 108.70): E
 Ion 107.00 (106.70 to 107.70): E

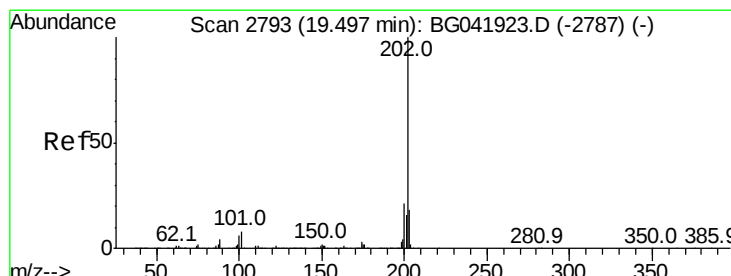
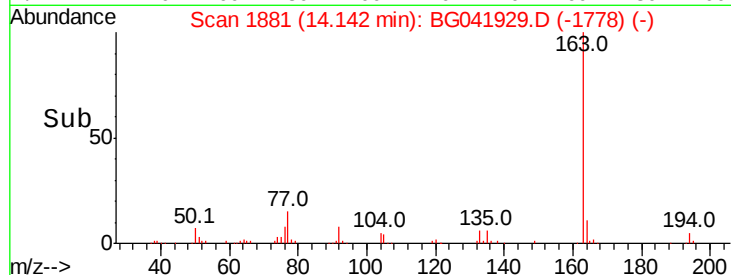
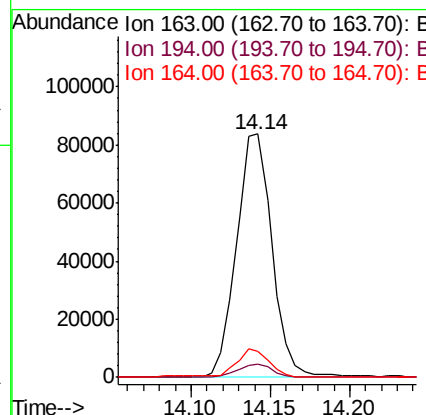
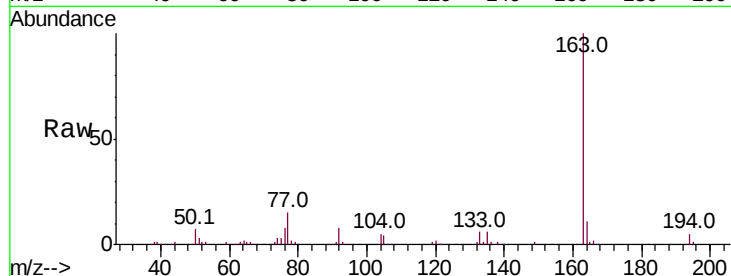




#44
 Dimethylphthalate
 Concen: 6.821 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: BG041929.D
 Acq: 4 Aug 2019 5:27

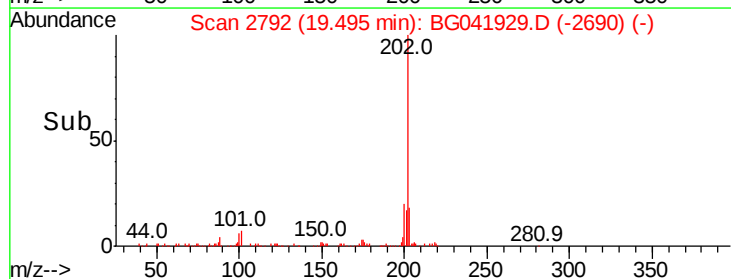
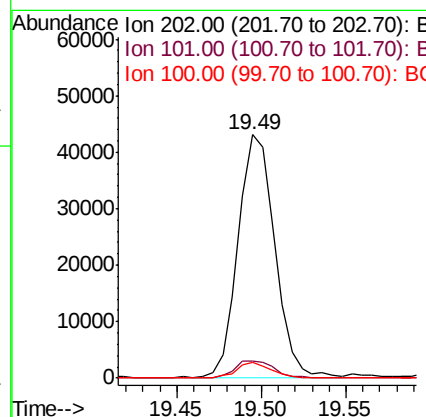
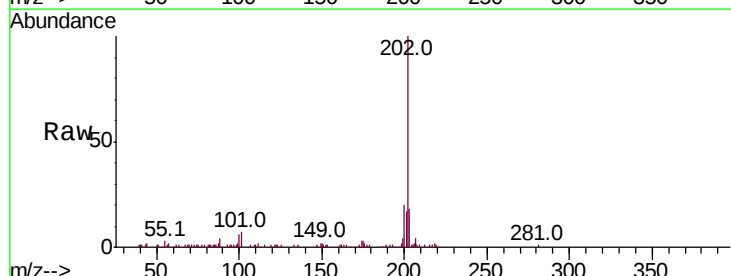
Instrument :
 BNA_G
 ClientSampleId :
 BEP30

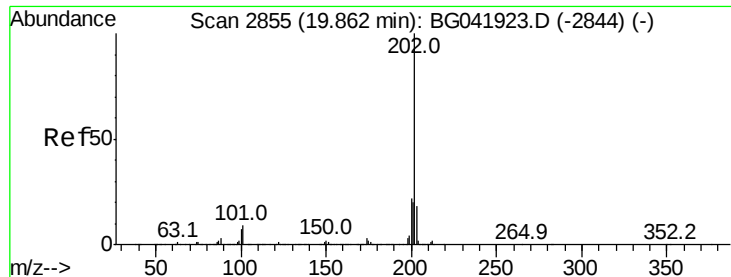
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	10.7	7.8	11.8



#76
 Fluoranthene
 Concen: 1.902 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG041929.D
 Acq: 4 Aug 2019 5:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.7	10.1
100	6.2	5.3	7.9





#79

Pvrene

Concen: 1.846 ng/ul

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG041929.D

Acq: 4 Aug 2019 5:27

Instrument :

BNA_G

ClientSampleId :

BEP30

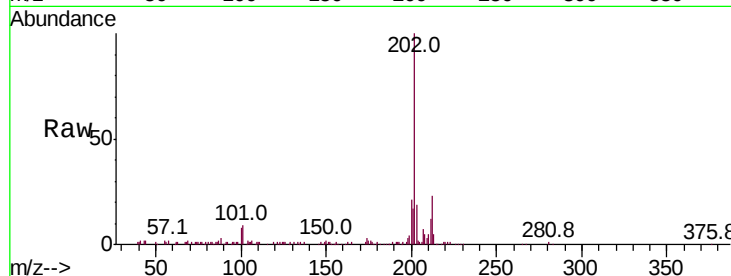
Tot Ion:202 Resp: 67336

Ion Ratio Lower Upper

202 100

101 9.2 7.6 11.4

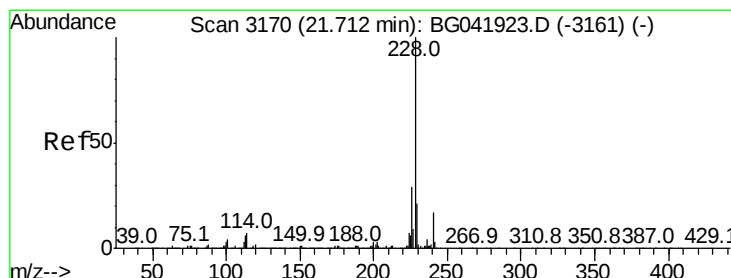
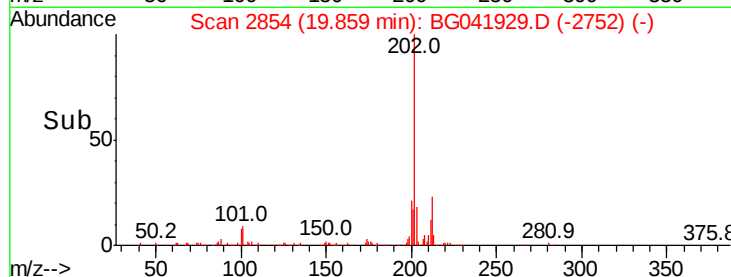
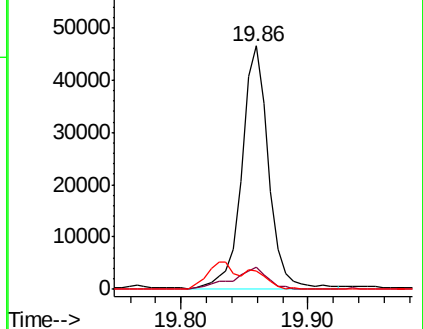
100 7.7 6.5 9.7



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): B



#82

Benzo(a)anthracene

Concen: 1.064 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG041929.D

Acq: 4 Aug 2019 5:27

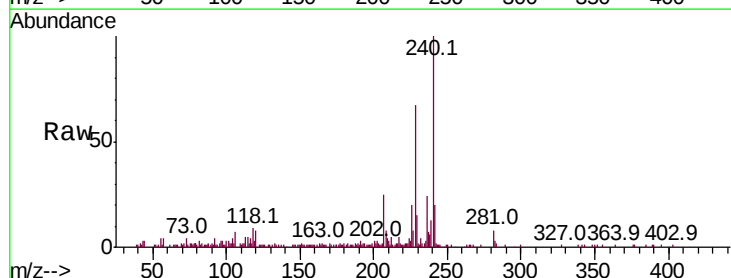
Tgt Ion:228 Resp: 39977

Ion Ratio Lower Upper

228 100

229 22.1 17.0 25.6

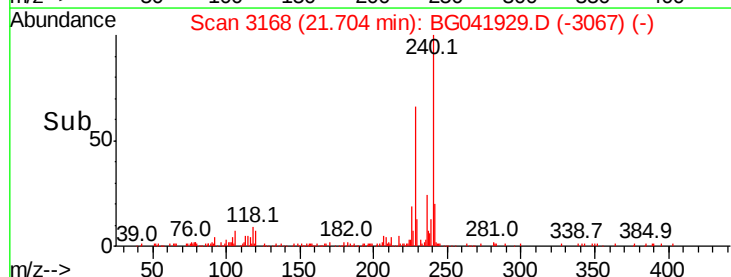
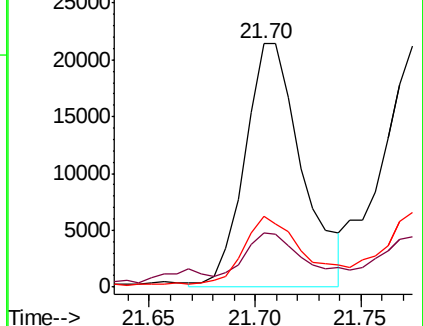
226 29.2 23.3 34.9

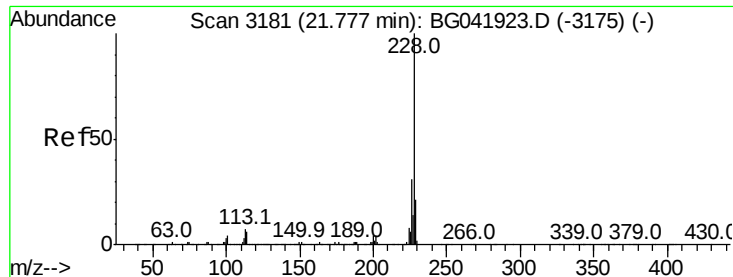


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.116 ng/ul

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG041929.D

Acq: 4 Aug 2019 5:27

Instrument :

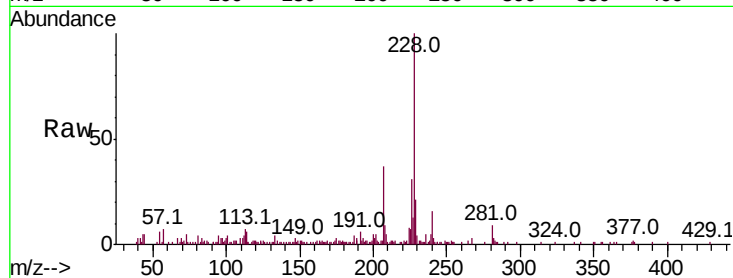
BNA_G

ClientSampled :

BEP30

Tot Ion:228 Resp: 39164

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	21.0	16.6	24.8

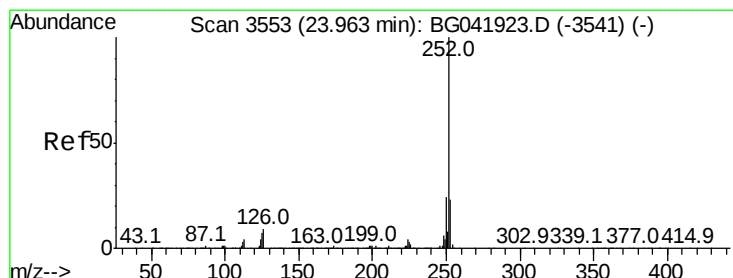
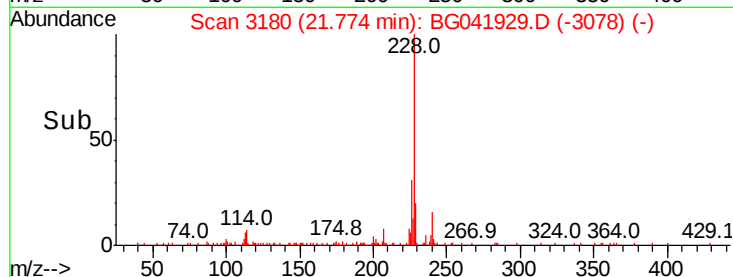
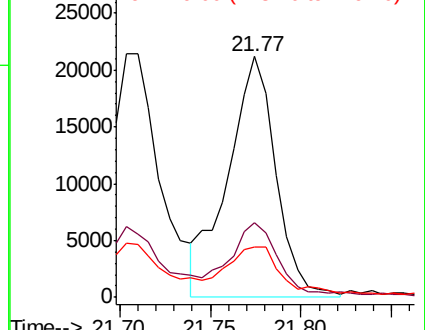


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 1.208 ng/ul

RT: 23.96 min Scan# 3552

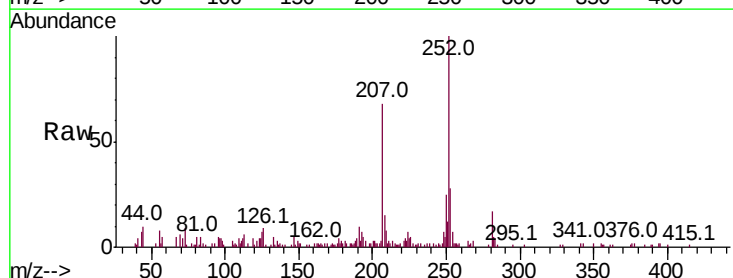
Delta R.T. -0.00 min

Lab File: BG041929.D

Acq: 4 Aug 2019 5:27

Tgt Ion:252 Resp: 45137

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	7.3	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

