

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041927.D
 Acq On : 4 Aug 2019 4:10
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 04 08:15:57 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	77576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	331352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	234332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	489559	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	501919	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	572855	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4360	2.46	ng/uL	0.00
5) Phenol-d5	7.18	99	111161	18.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	64359	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	101441	19.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	97991	19.17	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	50757	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	61106	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	117945	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	138804	21.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	418093	23.00	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	468105	22.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	40385	13.23	ng/ul	0.00
57) Fluorene-d10	15.68	176	377189	23.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	33487	10.66	ng/ul	0.00
70) Anthracene-d10	17.54	188	617061	26.27	ng/ul	0.00
78) Pyrene-d10	19.83	212	710679	25.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	805774	26.93	ng/ul	0.00

Target Compounds

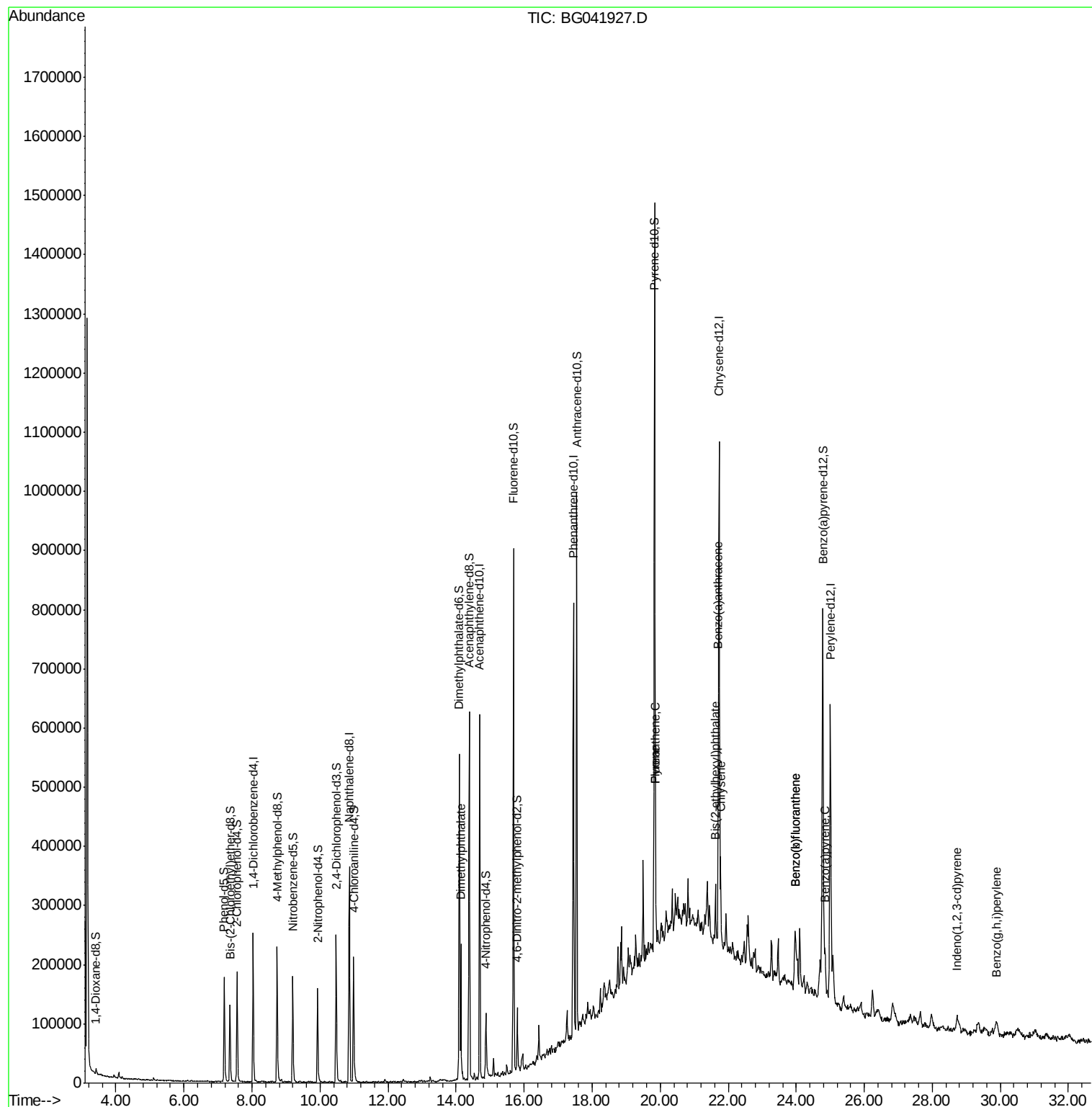
					Ovalue
44) Dimethylphthalate	14.14	163	164007	9.089 ng/ul	98
76) Fluoranthene	19.86	202	112746	3.641 ng/ul	99
79) Pyrene	19.86	202	112746	3.339 ng/ul	97
82) Benzo(a)anthracene	21.71	228	130692	3.755 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	40809	2.251 ng/ul	98
84) Chrysene	21.78	228	122475	3.771 ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	128620	3.578 ng/ul#	97
88) Benzo(k)fluoranthene	23.96	252	128620	3.721 ng/ul#	96
90) Benzo(a)pyrene	24.84	252	98755	2.883 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.73	276	46234	1.157 ng/ul#	93
93) Benzo(g,h,i)perylene	29.89	276	37929	1.137 ng/ul	99

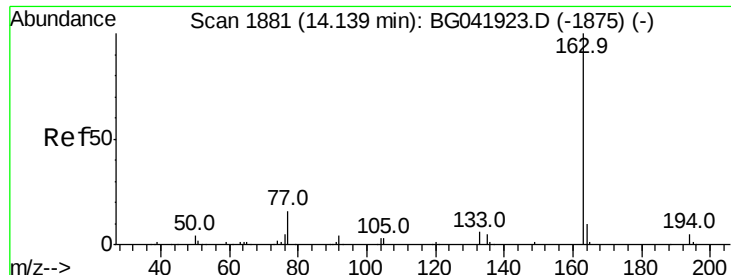
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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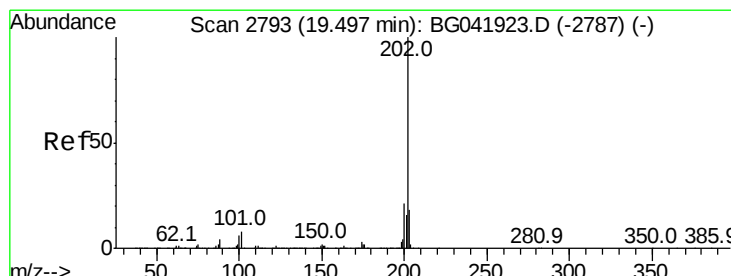
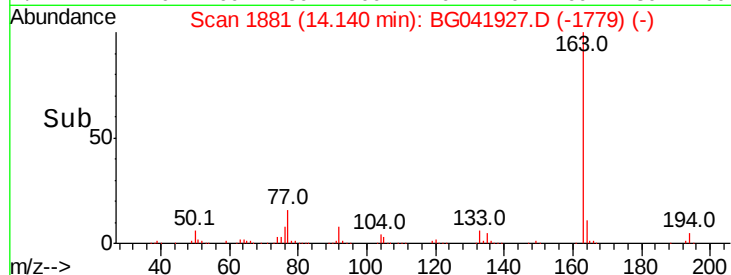
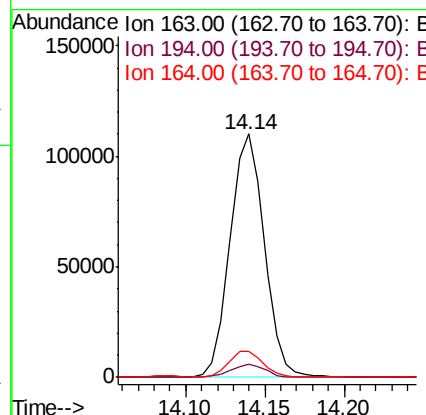
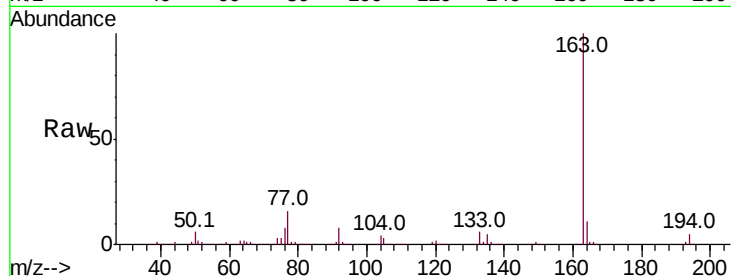




#44
 Dimethylphthalate
 Concen: 9.089 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: BG041927.D
 Acq: 4 Aug 2019 4:10

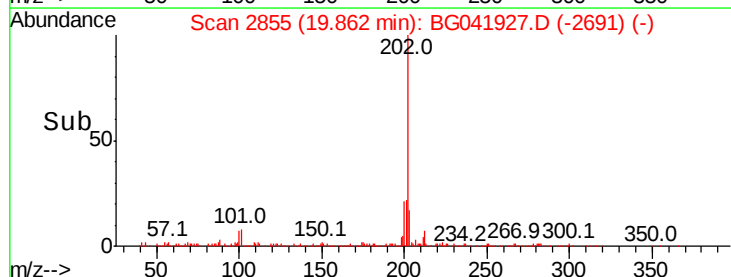
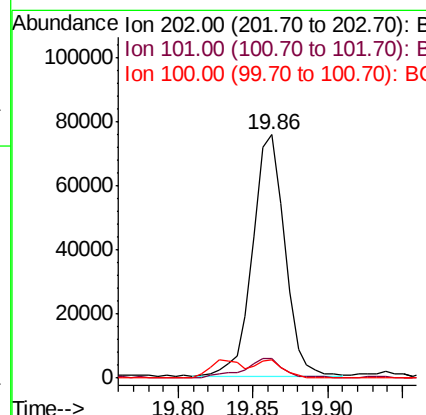
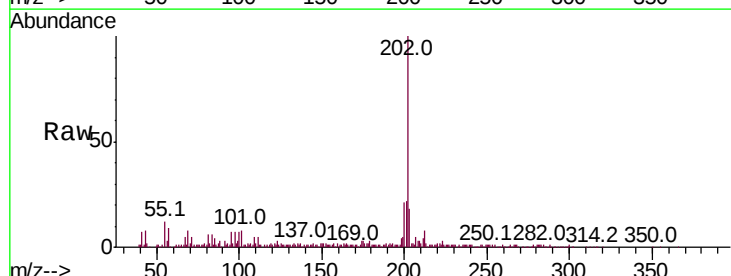
Instrument :
 BNA_G
 ClientSampled :

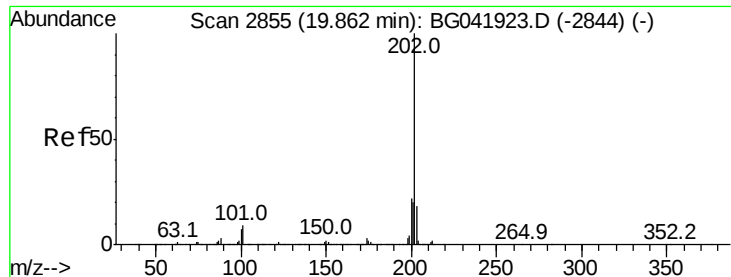
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	10.5	7.8	11.8



#76
 Fluoranthene
 Concen: 3.641 ng/ul
 RT: 19.86 min Scan# 2855
 Delta R.T. 0.37 min
 Lab File: BG041927.D
 Acq: 4 Aug 2019 4:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
100	7.4	5.3	7.9





#79

Pvrene

Concen: 3.339 ng/ul

RT: 19.86 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

Instrument :

BNA_G

ClientSampleId :

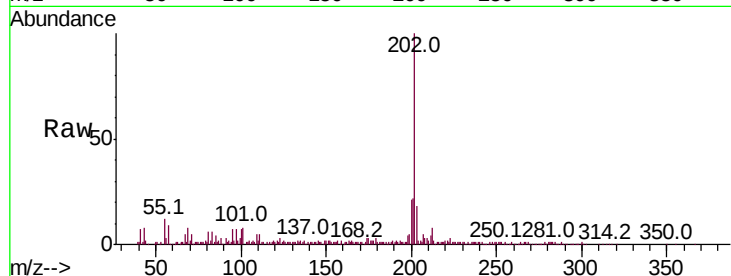
Tot Ion:202 Resp: 112746

Ion Ratio Lower Upper

202 100

101 8.3 7.6 11.4

100 7.4 6.5 9.7

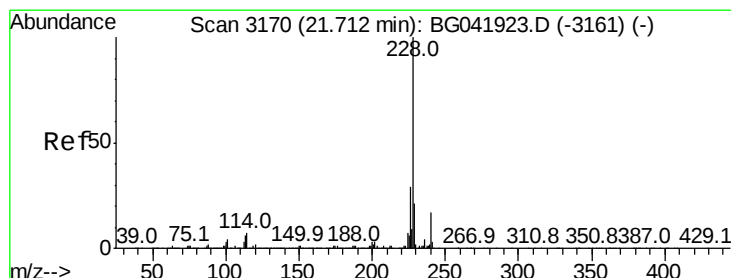
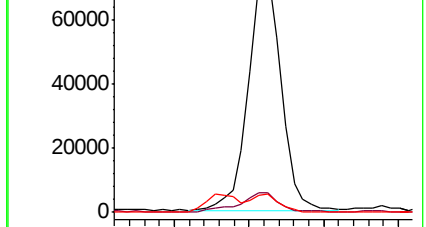
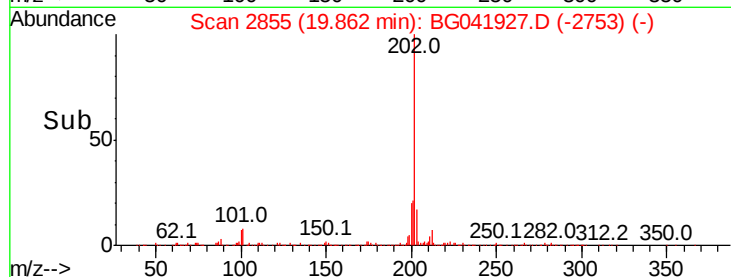


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#82

Benzo(a)anthracene

Concen: 3.755 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

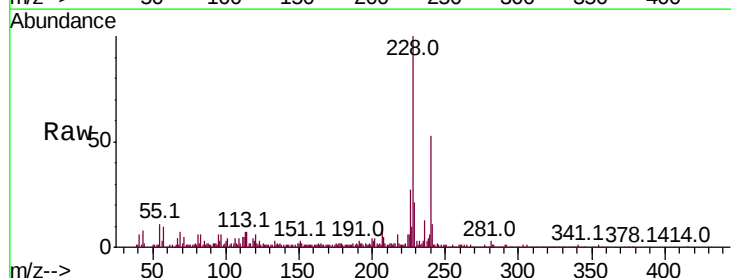
Tgt Ion:228 Resp: 130692

Ion Ratio Lower Upper

228 100

229 21.0 17.0 25.6

226 27.4 23.3 34.9

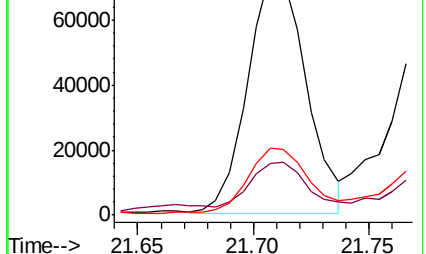
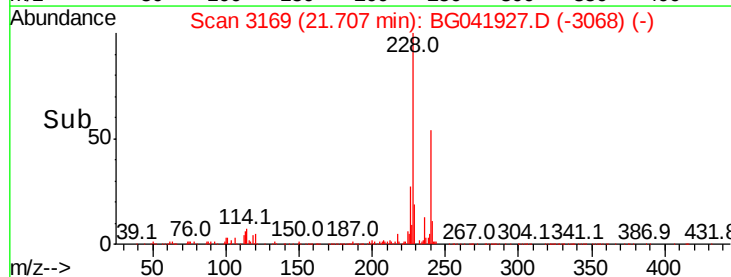


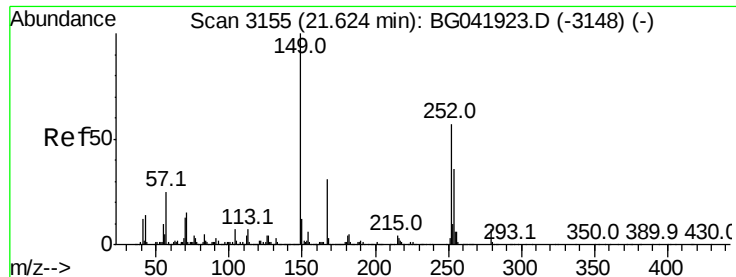
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->

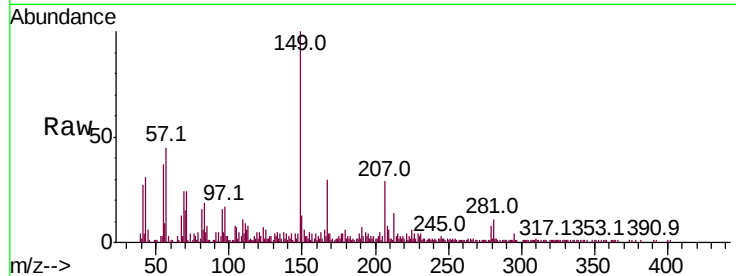




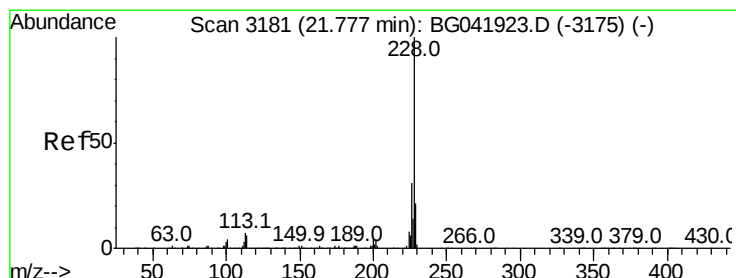
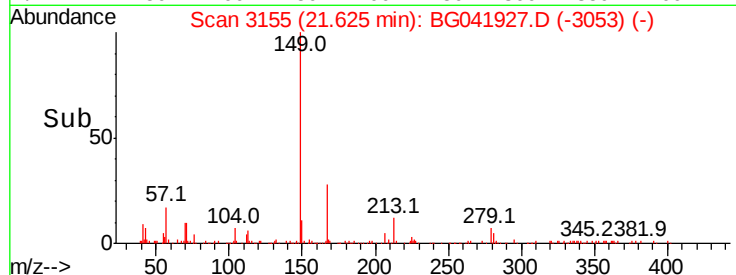
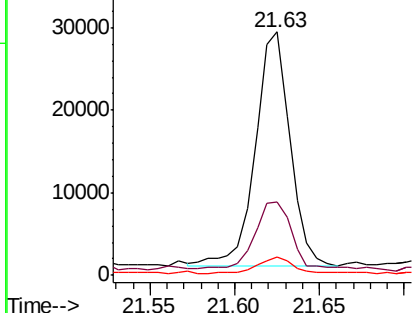
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.251 ng/ul
 RT: 21.63 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG041927.D
 Acq: 4 Aug 2019 4:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 40809
 Ion Ratio Lower Upper
 149 100
 167 30.0 25.0 37.4
 279 7.7 5.2 7.8

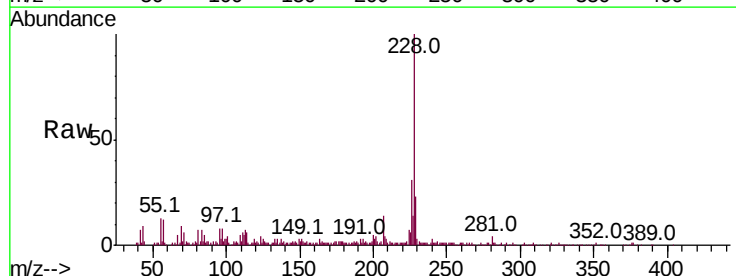


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

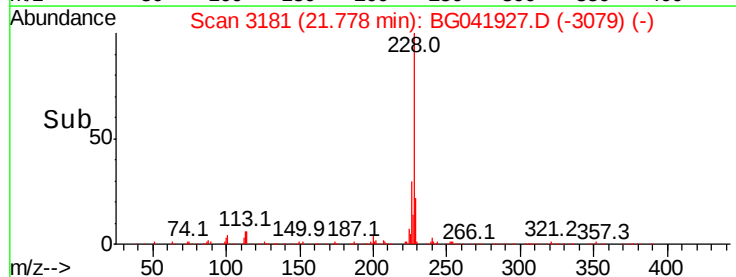
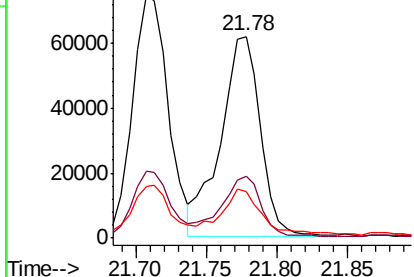


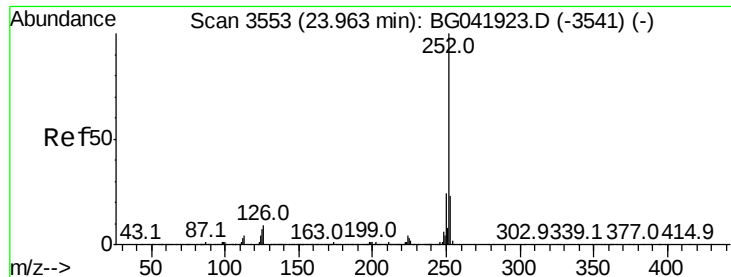
#84
 Chrysene
 Concen: 3.771 ng/ul
 RT: 21.78 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: BG041927.D
 Acq: 4 Aug 2019 4:10

Tgt Ion:228 Resp: 122475
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.7 38.5
 229 23.2 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: 3.578 ng/ul

RT: 23.96 min Scan# 3553

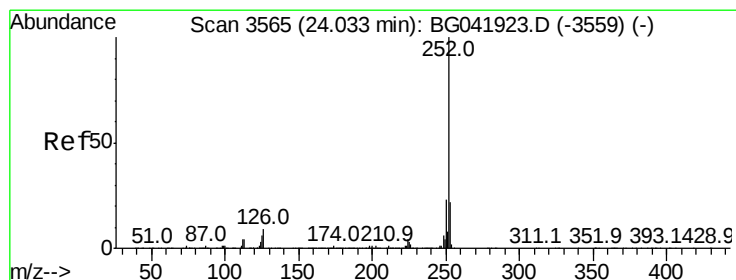
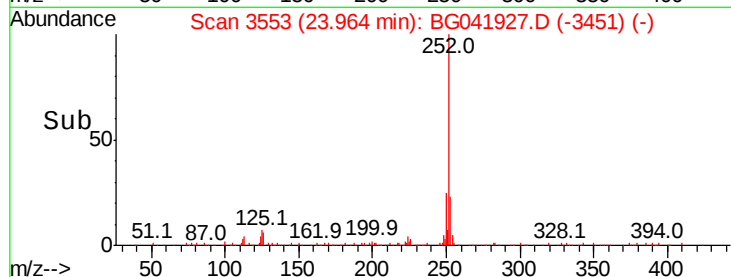
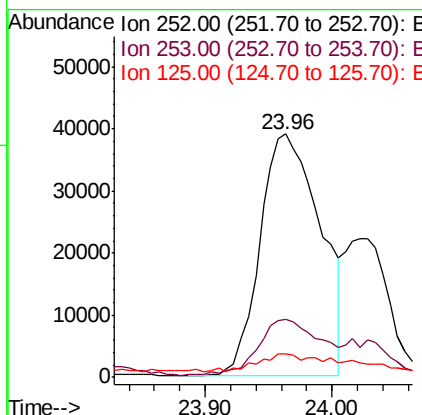
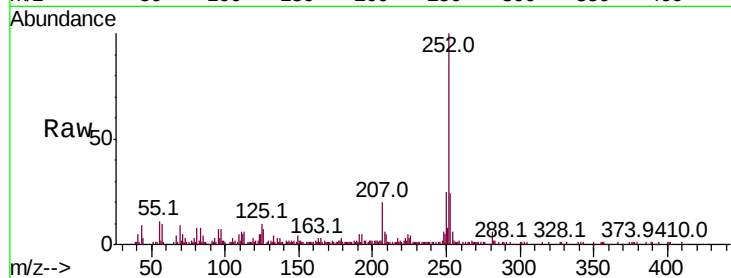
Delta R.T. 0.00 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	9.6	5.8	8.8#



#88

Benzo(k)fluoranthene

Concen: 3.721 ng/ul

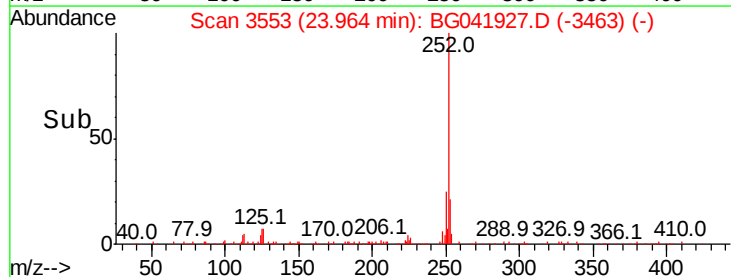
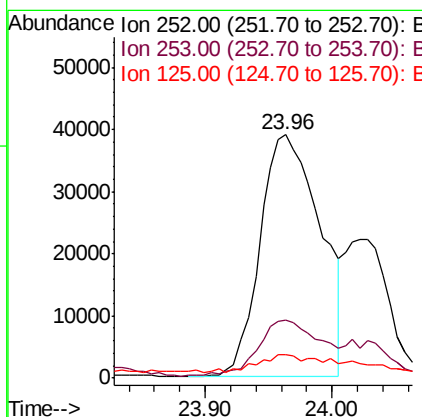
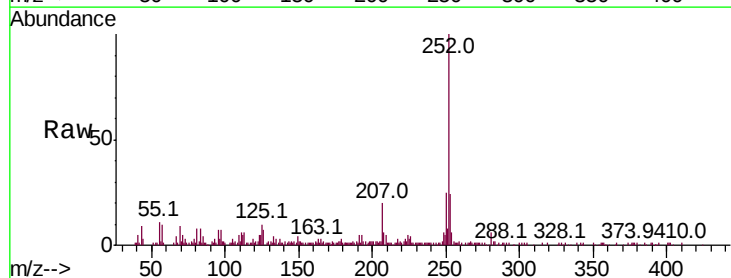
RT: 23.96 min Scan# 3553

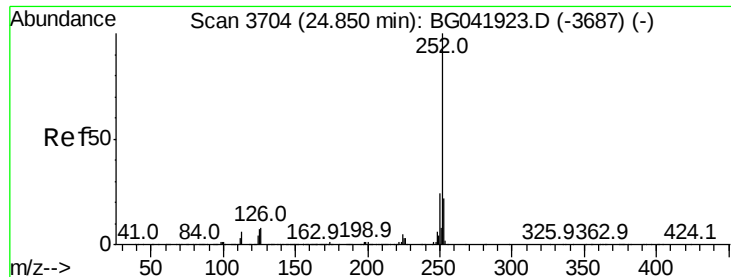
Delta R.T. -0.07 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	9.6	5.5	8.3#





#90

Benzo(a)pyrene

Concen: 2.883 ng/ul

RT: 24.84 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

Instrument :

BNA_G

ClientSampled :

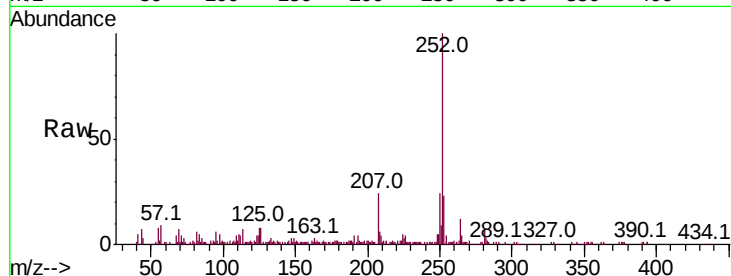
Tot Ion:252 Resp: 98755

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	7.8	6.5	9.7

252 100

253 22.6 18.3 27.5

125 7.8 6.5 9.7

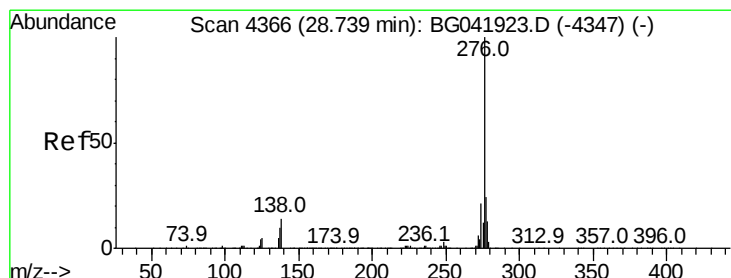
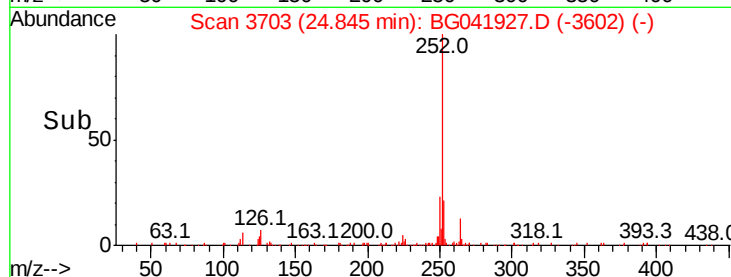
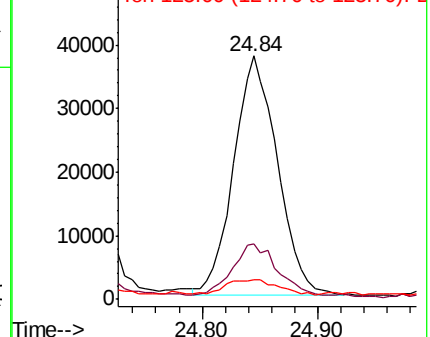


Abundance

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: 1.157 ng/ul

RT: 28.73 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

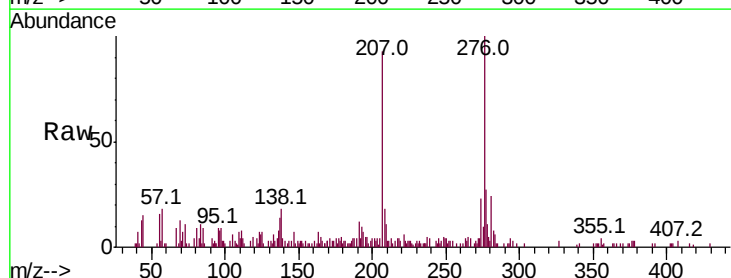
Tgt Ion:276 Resp: 46234

Ion	Ratio	Lower	Upper
276	100		
138	18.1	12.0	18.0#
277	27.1	19.2	28.8

276 100

138 18.1 12.0 18.0#

277 27.1 19.2 28.8

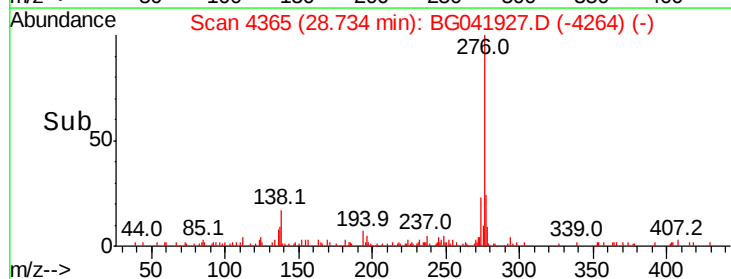
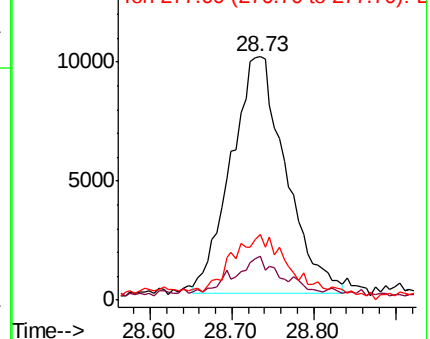


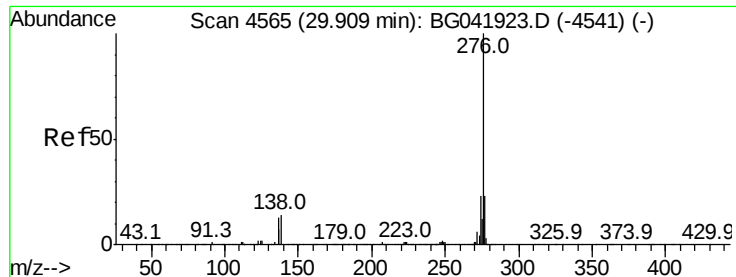
Abundance

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: 1.137 ng/ul

RT: 29.89 min Scan# 4562

Delta R.T. -0.02 min

Lab File: BG041927.D

Acq: 4 Aug 2019 4:10

Instrument :

BNA_G

ClientSampleId :

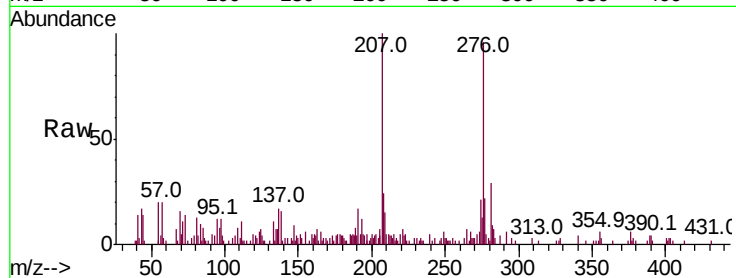
Tot Ion:276 Resp: 37929

Ion Ratio Lower Upper

276 100

138 16.2 12.6 18.8

277 23.3 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

