

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019039.D
 Acq On : 5 Oct 2015 22:45
 Operator : UM/NP
 Sample : G3865-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY1

Quant Time: Oct 06 04:28:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 04:27:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	180812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	123811	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	290128	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	319902	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	317439	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	1487	1.78	ng/uL	0.00
5) Phenol-d5	7.21	99	39013	12.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.37	67	29131	13.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31726	13.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	27133	10.61	ng/ul	0.01
19) Nitrobenzene-d5	9.21	128	17790	13.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	19651	13.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	35979	12.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	28153	8.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	129745	13.29	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	155175	12.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	14512	7.36	ng/ul	0.02
58) Fluorene-d10	15.66	176	117294	13.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	12896	8.19	ng/ul	0.00
71) Anthracene-d10	17.51	188	178502	13.07	ng/ul	0.00
79) Pyrene-d10	19.79	212	192135	12.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	205299	12.64	ng/ul	0.01

Target Compounds

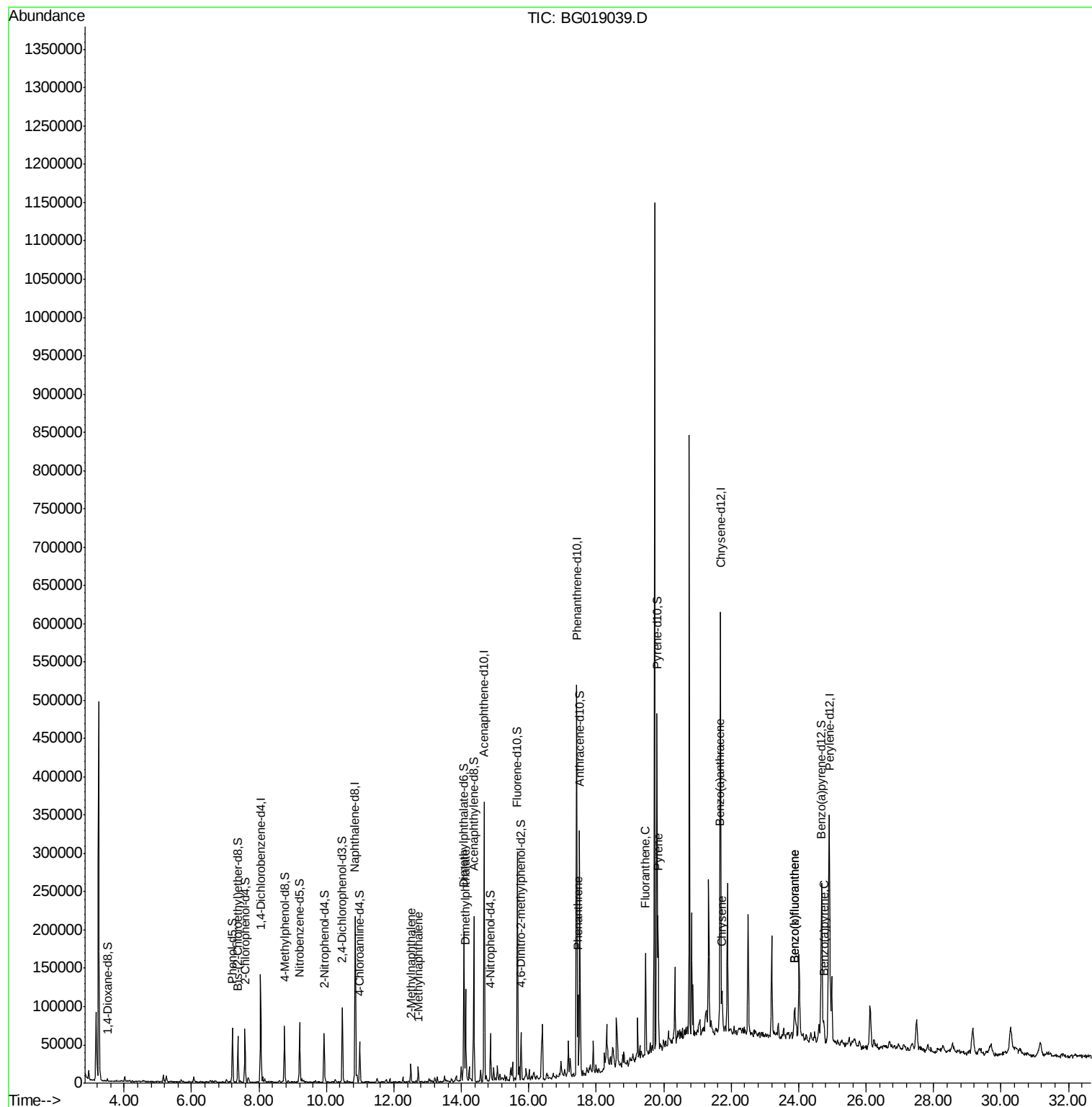
						Qvalue
34) 2-Methylnaphthalene	12.50	142	11808	1.68	ng/ul	97
35) 1-Methylnaphthalene	12.72	142	10070	1.46	ng/ul#	94
45) Dimethylphthalate	14.12	163	74933	7.52	ng/ul	100
70) Phenanthrene	17.46	178	60696	3.71	ng/ul	99
77) Fluoranthene	19.46	202	80335	4.22	ng/ul	100
80) Pyrene	19.82	202	62643	3.25	ng/ul	98
83) Benzo(a)anthracene	21.66	228	32625	1.77	ng/ul	96
85) Chrysene	21.73	228	32002	1.84	ng/ul#	92
88) Benzo(b)fluoranthene	23.88	252	40818	2.18	ng/ul	99
89) Benzo(k)fluoranthene	23.88	252	40818	2.24	ng/ul	100
91) Benzo(a)pyrene	24.75	252	26675	1.47	ng/ul#	93

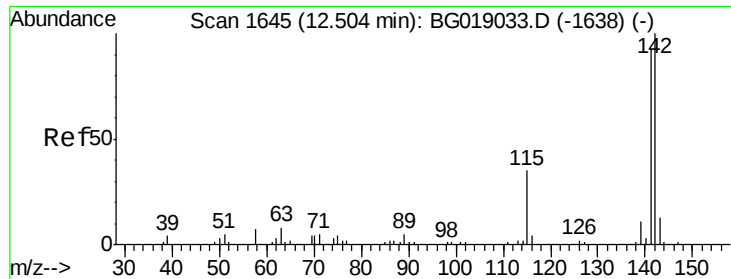
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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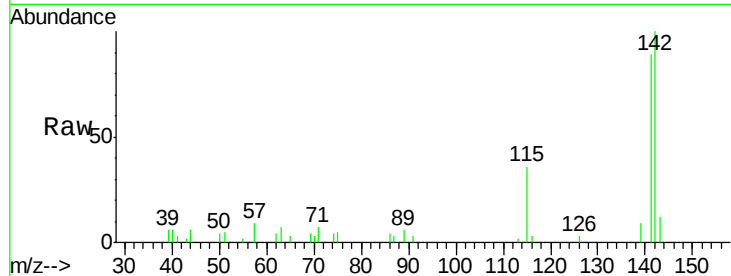




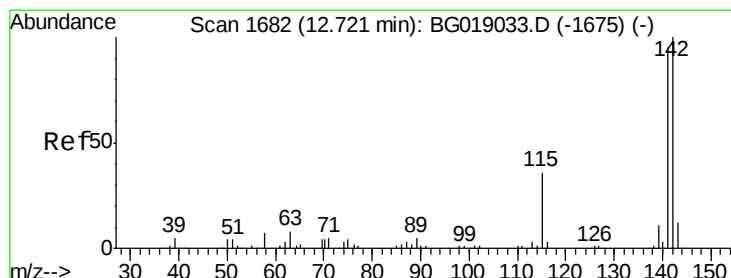
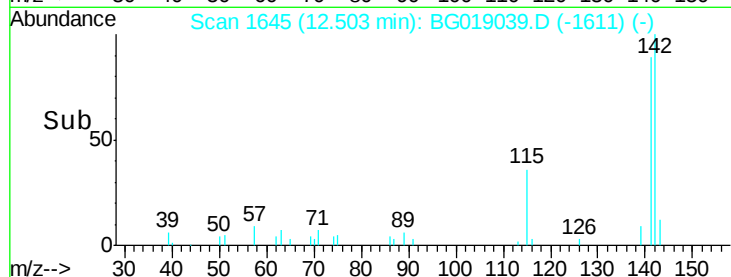
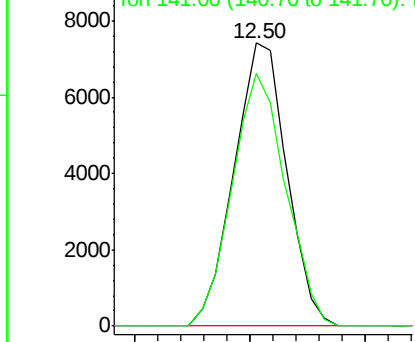
#34
2-Methylnaphthalene
Concen: 1.68 ng/ul
RT: 12.50 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BG019039.D
Acq: 5 Oct 2015 22:45

Instrument :
BNA_G
ClientSampleId :
E5MY1

Tgt Ion:142 Resp: 11808
Ion Ratio Lower Upper
142 100
141 89.1 73.4 110.0

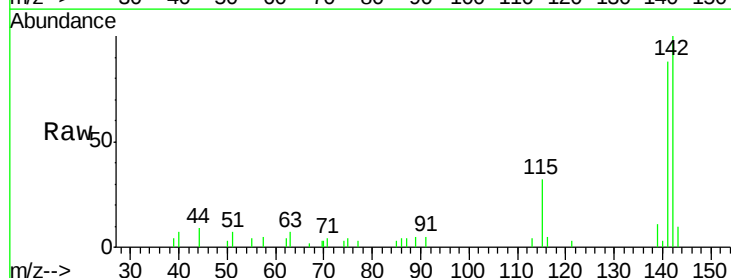


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

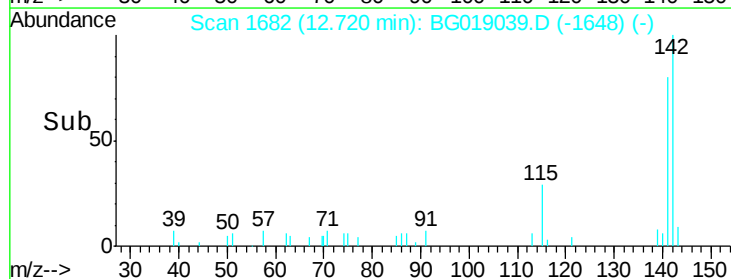
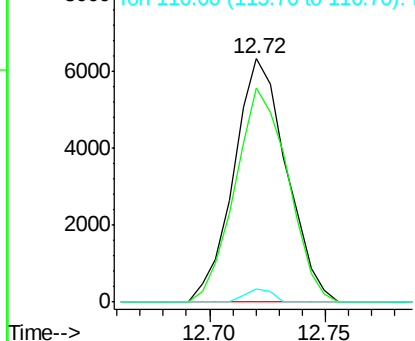


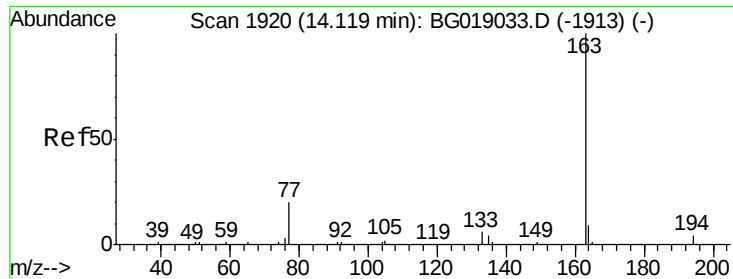
#35
1-Methylnaphthalene
Concen: 1.46 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BG019039.D
Acq: 5 Oct 2015 22:45

Tgt Ion:142 Resp: 10070
Ion Ratio Lower Upper
142 100
141 88.1 74.8 112.2
116 5.3 3.2 4.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

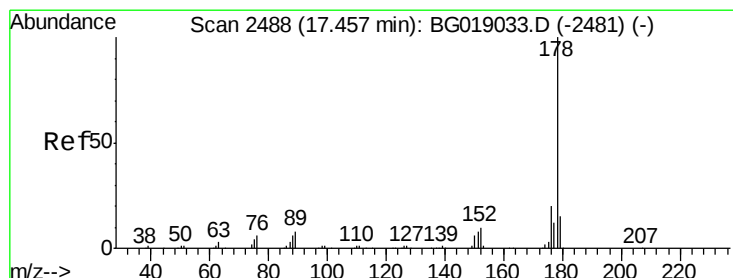
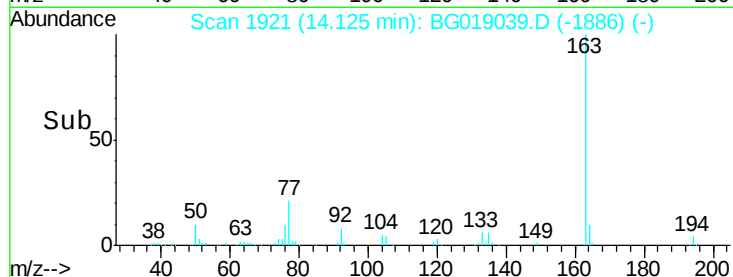
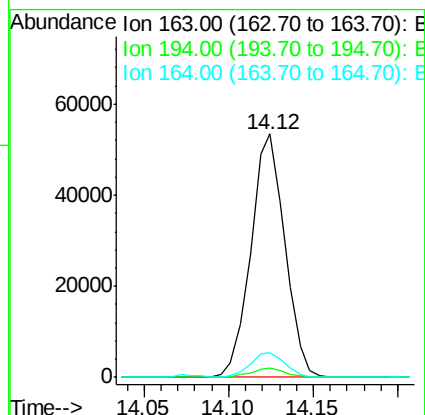
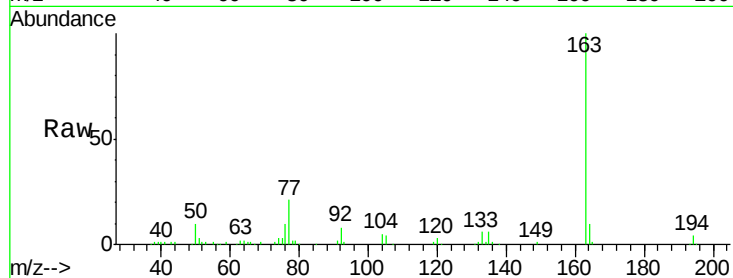




#45
Dimethylphthalate
Concen: 7.52 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BG019039.D
Acq: 5 Oct 2015 22:45

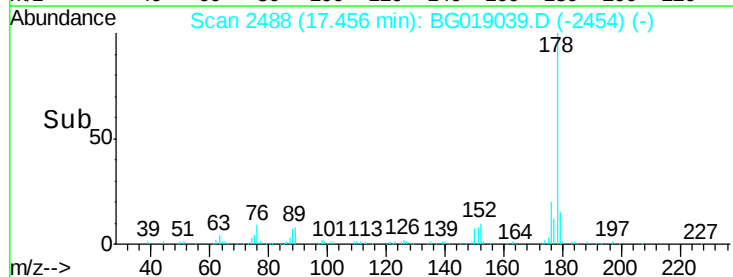
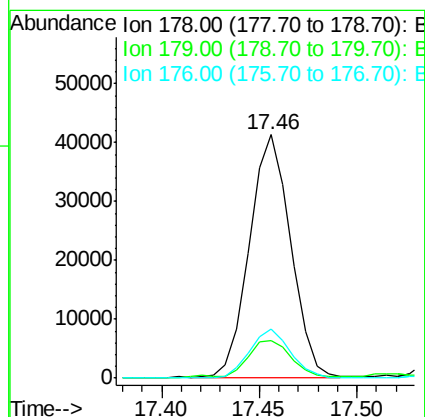
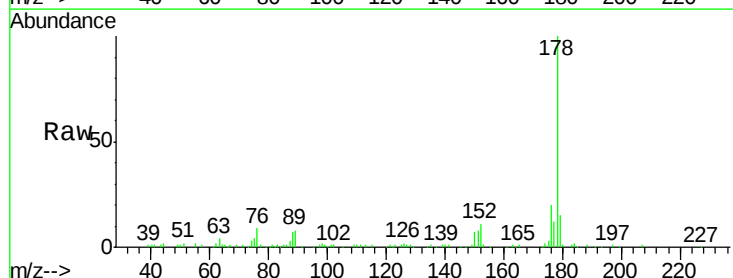
Instrument :
BNA_G
ClientSampleId :
E5MY1

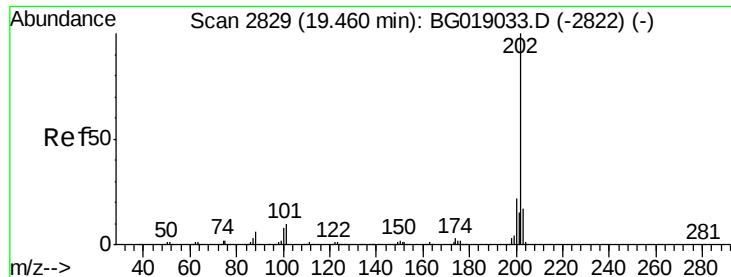
Tgt Ion:163 Resp: 74933
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.1 12.1



#70
Phenanthrene
Concen: 3.71 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG019039.D
Acq: 5 Oct 2015 22:45

Tgt Ion:178 Resp: 60696
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 20.1 15.4 23.0

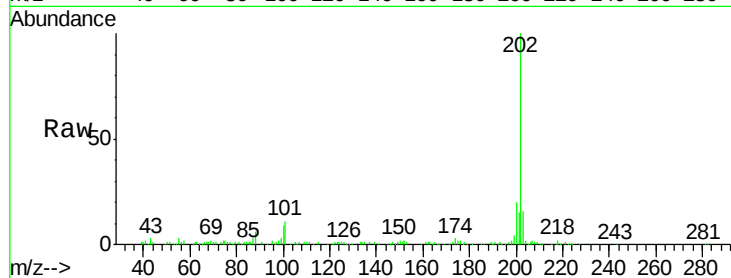




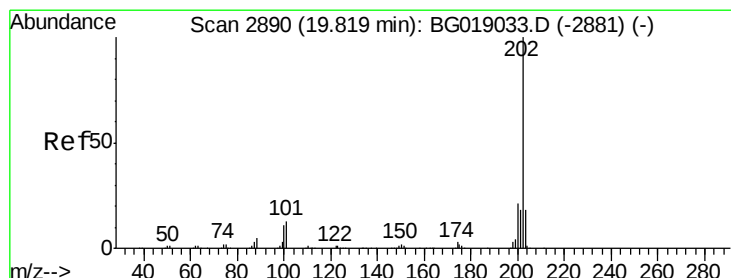
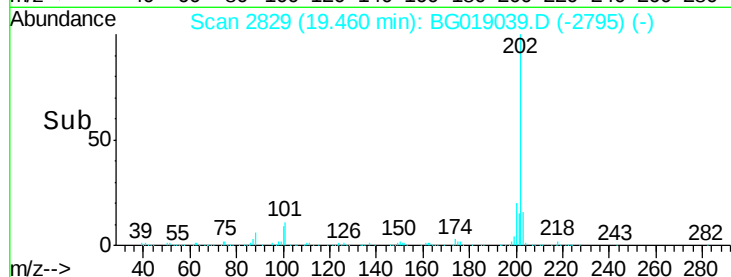
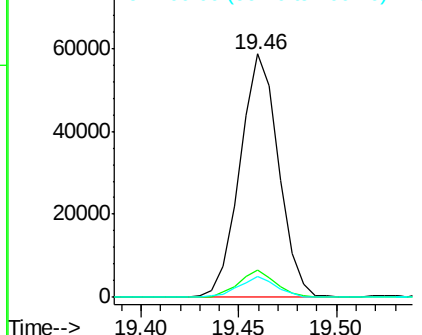
#77
Fluoranthene
 Concen: 4.22 ng/ul
 RT: 19.46 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BG019039.D
 Acq: 5 Oct 2015 22:45

Instrument :
 BNA_G
 ClientSampleId :
 E5MY1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
100	8.8	6.9	10.3

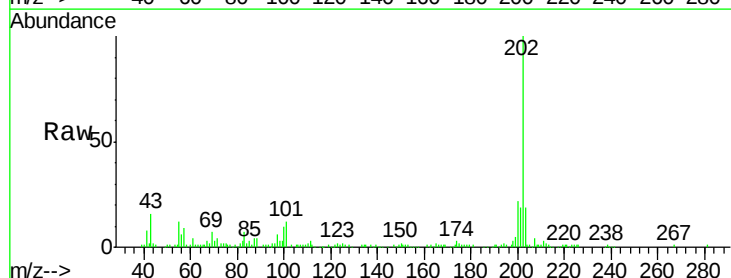


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

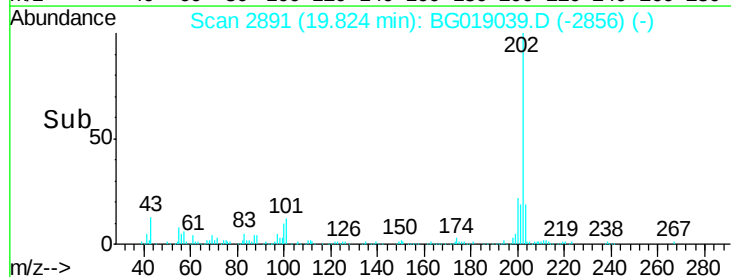
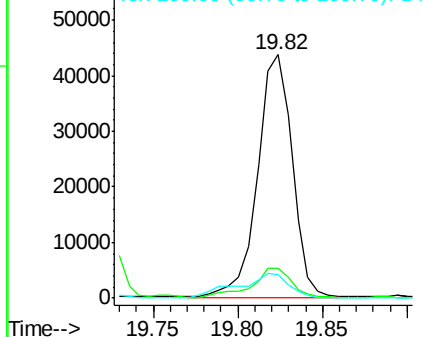


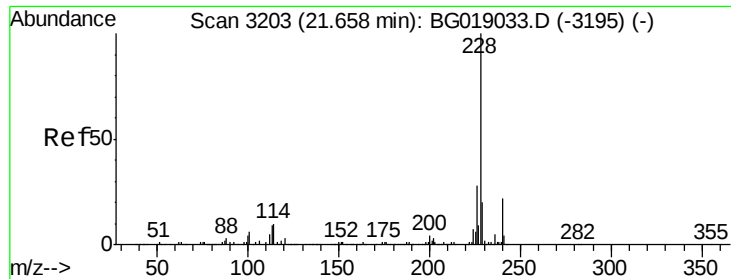
#80
Pyrene
 Concen: 3.25 ng/ul
 RT: 19.82 min Scan# 2891
 Delta R.T. 0.01 min
 Lab File: BG019039.D
 Acq: 5 Oct 2015 22:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	9.7	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): B

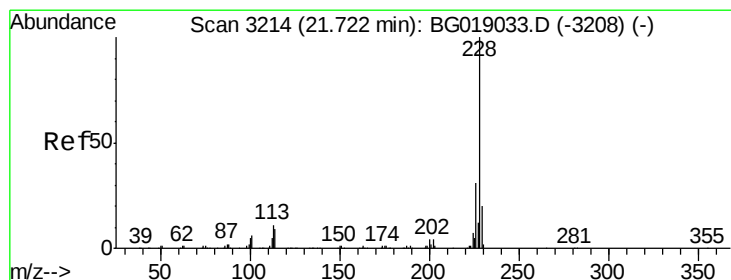
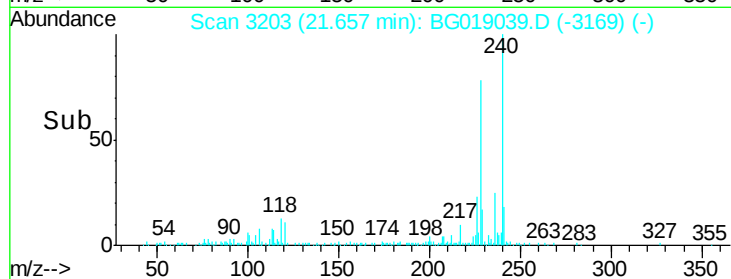
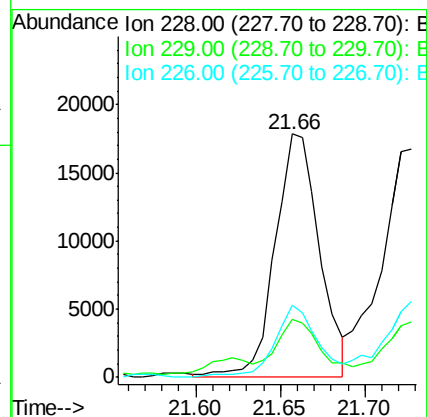
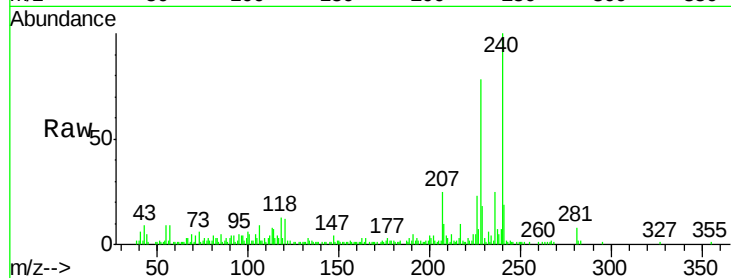




#83
Benzo(a)anthracene
Concen: 1.77 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG019039.D
Acq: 5 Oct 2015 22:45

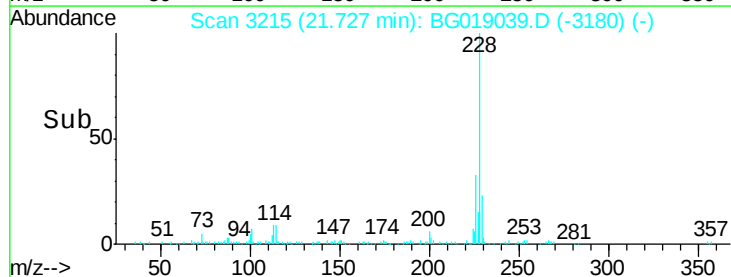
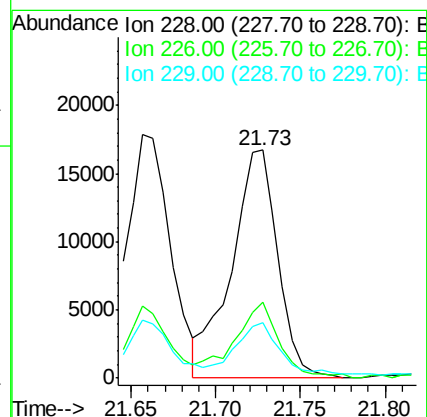
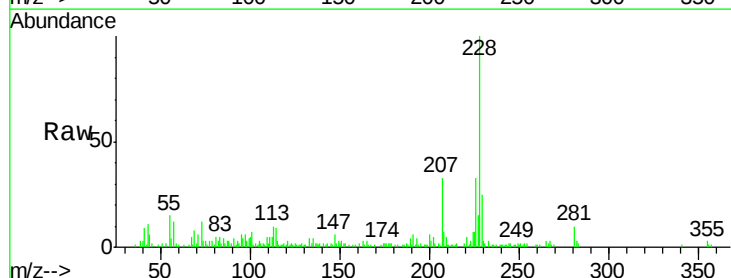
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ClientSampleId :
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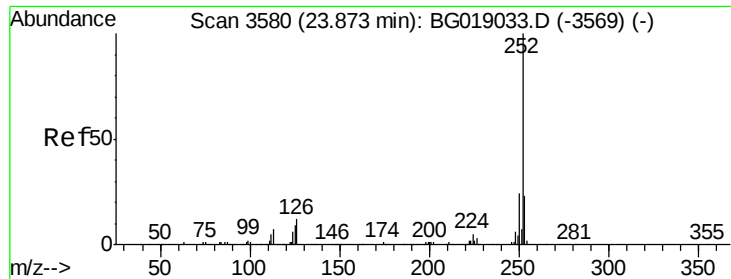
Tgt Ion:228 Resp: 32625
Ion Ratio Lower Upper
228 100
229 23.7 16.6 24.8
226 29.5 22.8 34.2



#85
Chrysene
Concen: 1.84 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BG019039.D
Acq: 5 Oct 2015 22:45

Tgt Ion:228 Resp: 32002
Ion Ratio Lower Upper
228 100
226 33.3 24.2 36.2
229 24.6 15.6 23.4#





#88

Benzo(b)fluoranthene

Concen: 2.18 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BG019039.D

Acq: 5 Oct 2015 22:45

Instrument :

BNA_G

ClientSampleId :

E5MY1

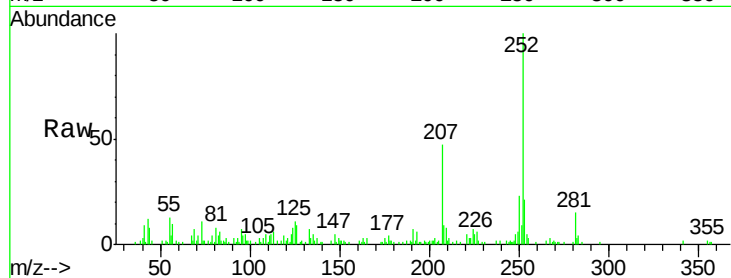
Tgt Ion:252 Resp: 40818

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

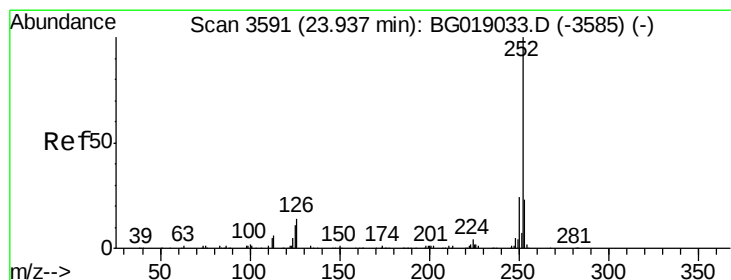
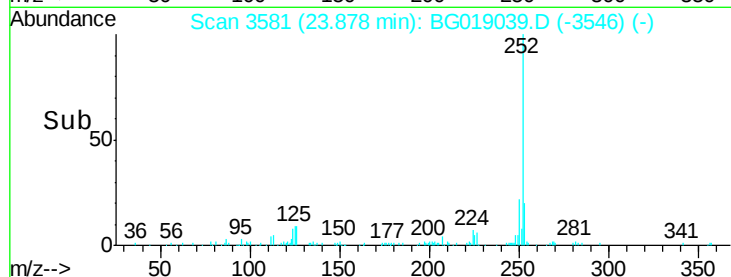
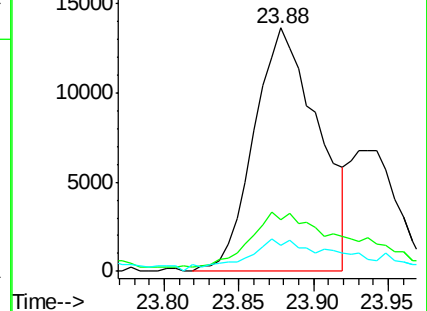
125 10.7 8.1 12.1



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



#89

Benzo(k)fluoranthene

Concen: 2.24 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. -0.06 min

Lab File: BG019039.D

Acq: 5 Oct 2015 22:45

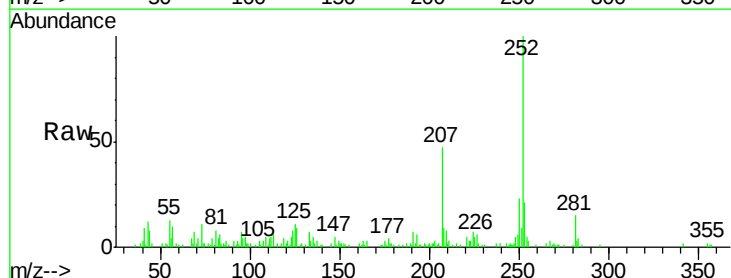
Tgt Ion:252 Resp: 40818

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

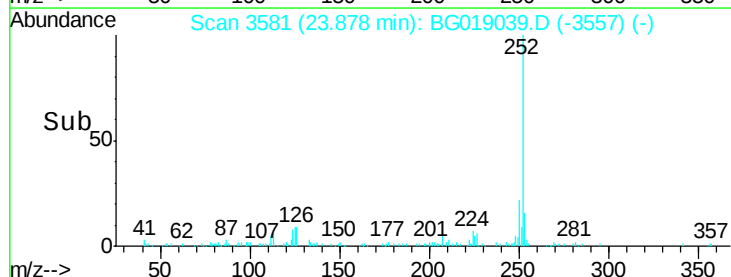
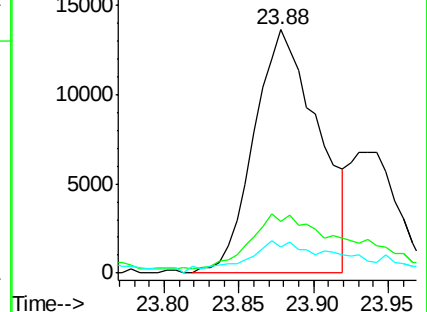
125 10.7 8.4 12.6

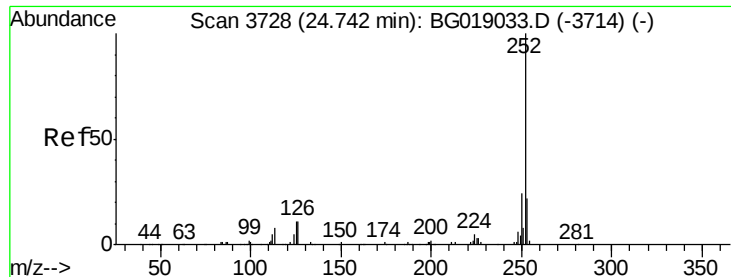


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.47 ng/ul

RT: 24.75 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG019039.D

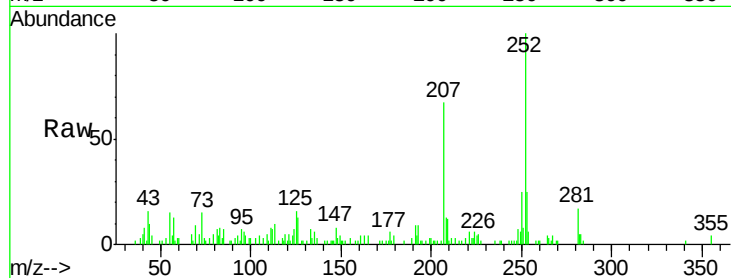
Acq: 5 Oct 2015 22:45

Instrument :

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ClientSampleId :

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Tgt Ion:	252	Resp:	26675
Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	15.7	9.4	14.2#

