

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029420.D
 Acq On : 24 Oct 2017 12:03
 Operator : SJ/JU
 Sample : I5925-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3K9

Quant Time: Oct 24 14:44:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	59207	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	292300	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.78	164	205446	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	509125	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	547841	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	545306	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7157	4.91	ng/uL	0.00
5) Phenol-d5	7.31	99	136012	23.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	78980	22.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.69	132	104884	26.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	121558	26.49	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	52836	25.18	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.05	143	62535	29.09	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.60	165	123845	25.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	153318	26.94	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	417072	23.75	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	511236	23.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	50442	15.56	ng/ul	-0.01
57) Fluorene-d10	15.77	176	381704	26.53	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	31014	12.48	ng/ul	-0.01
70) Anthracene-d10	17.62	188	591730	24.57	ng/ul	-0.01
76) Pyrene-d10	19.89	212	694600	24.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	649674	25.15	ng/ul	-0.02

Target Compounds

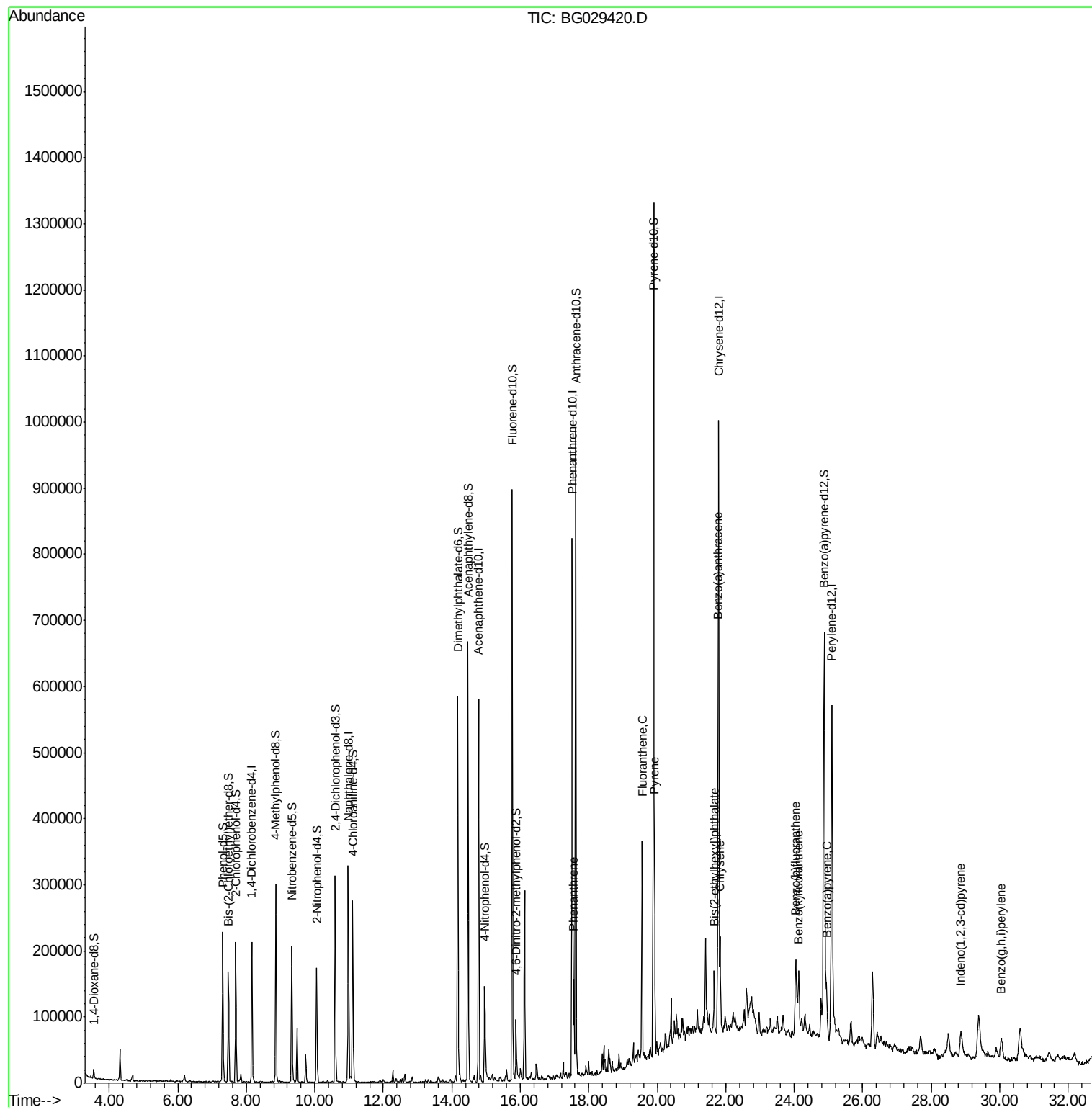
					Ovalue
69) Phenanthrene	17.57	178	99652	3.621 ng/ul	97
74) Fluoranthene	19.56	202	204481	6.648 ng/ul	98
77) Pyrene	19.92	202	187072	5.095 ng/ul	99
80) Benzo(a)anthracene	21.77	228	106104	3.090 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	36048	1.671 ng/ul#	98
82) Chrysene	21.84	228	100288	3.215 ng/ul	99
85) Benzo(b)fluoranthene	24.04	252	142803	4.362 ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	44174	1.396 ng/ul	99
88) Benzo(a)pyrene	24.94	252	93730	2.941 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	65796	1.825 ng/ul	97
91) Benzo(g,h,i)perylene	30.04	276	65655	2.197 ng/ul#	93

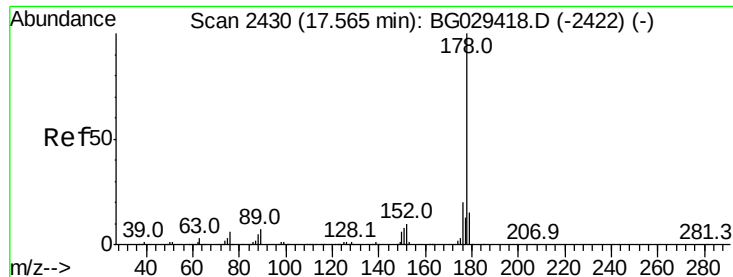
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 3.621 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

Instrument :

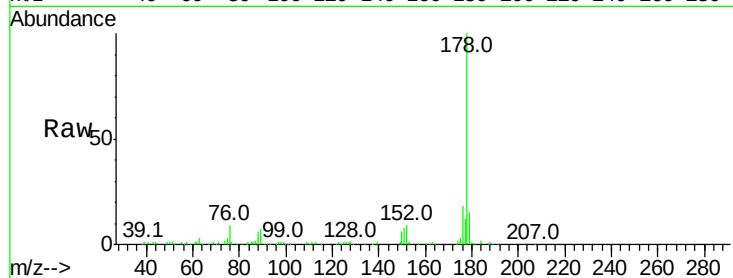
BNA_G

ClientSampleId :

CB3K9

Tot Ion:178 Resp: 99652

Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.0	19.6
176	18.0	15.3	22.9

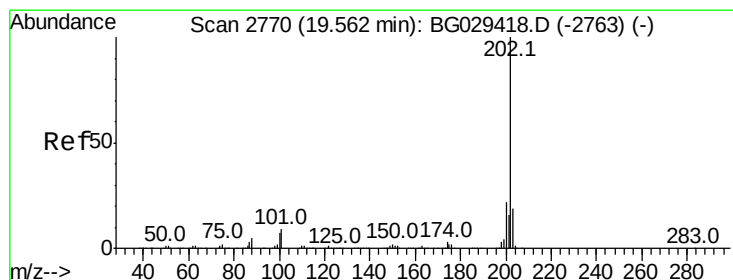
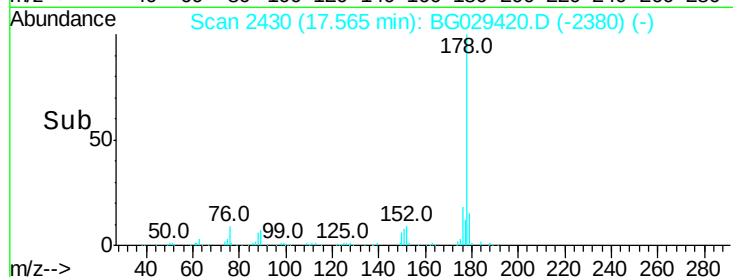
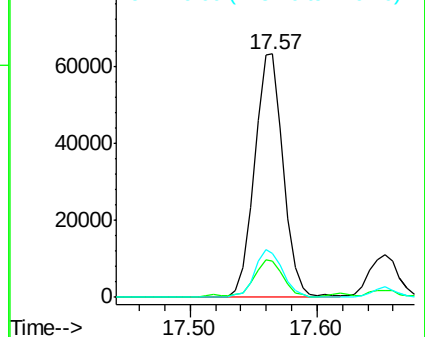


Abundance

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



#74

Fluoranthene

Concen: 6.648 ng/ul

RT: 19.56 min Scan# 2769

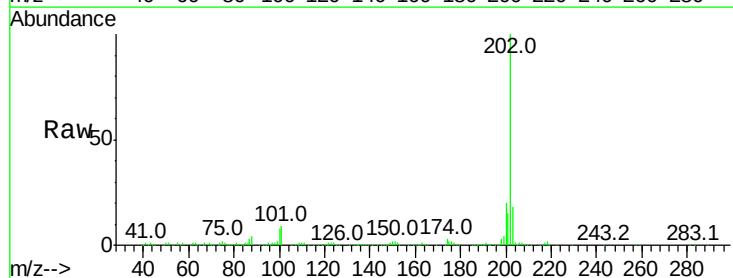
Delta R.T. -0.01 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

Tgt Ion:202 Resp: 204481

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.2
100	7.8	5.6	8.4

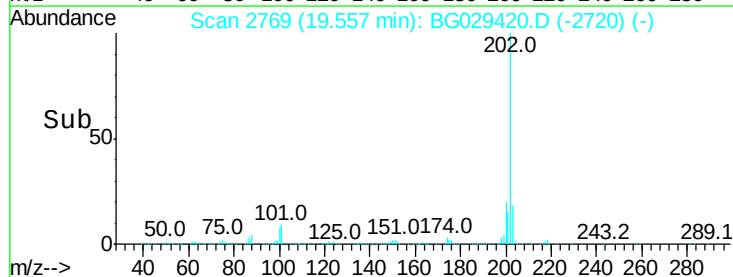
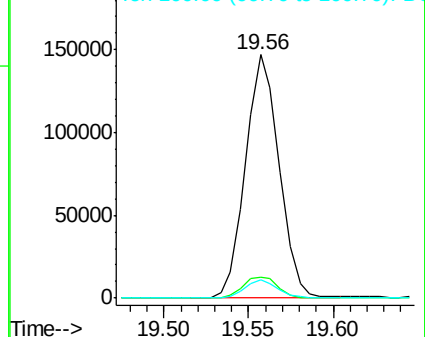


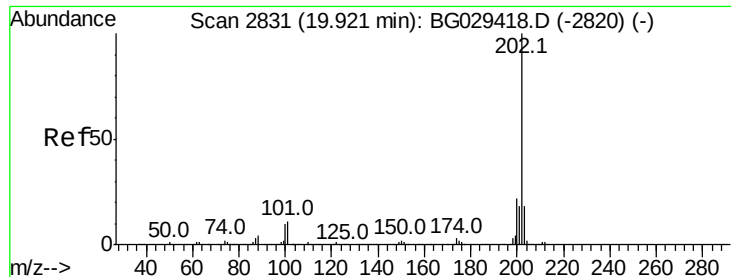
Abundance

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





#77

Pvrene

Concen: 5.095 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

Instrument :

BNA_G

ClientSampleId :

CB3K9

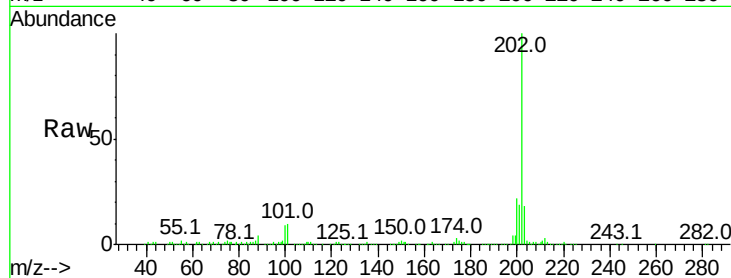
Tot Ion:202 Resp: 187072

Ion Ratio Lower Upper

202 100

101 9.6 8.4 12.6

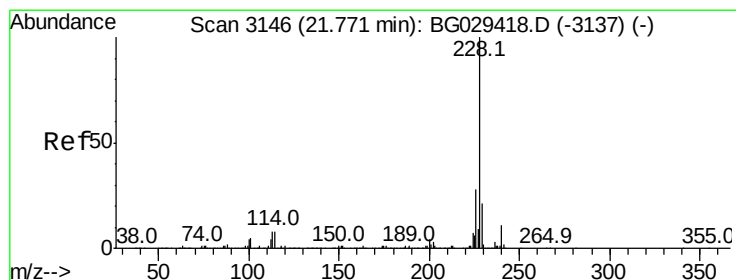
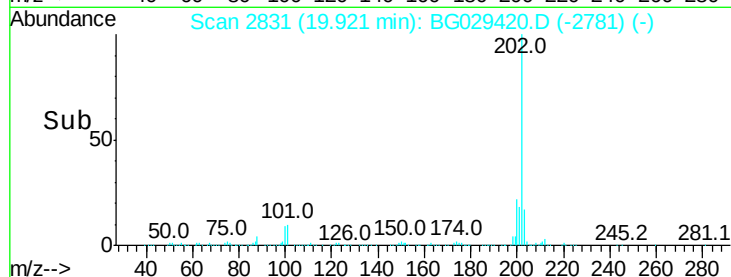
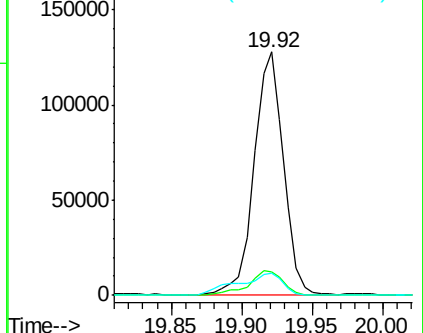
100 8.9 7.0 10.6



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



#80

Benzo(a)anthracene

Concen: 3.090 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

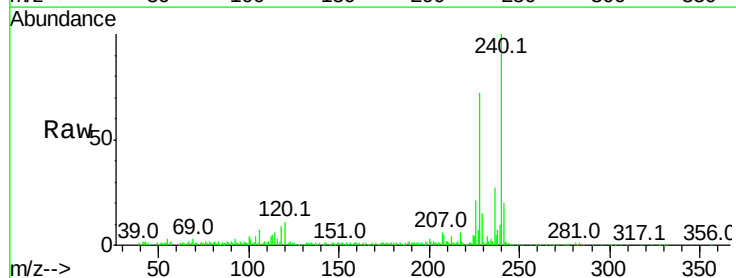
Tgt Ion:228 Resp: 106104

Ion Ratio Lower Upper

228 100

229 20.6 16.2 24.4

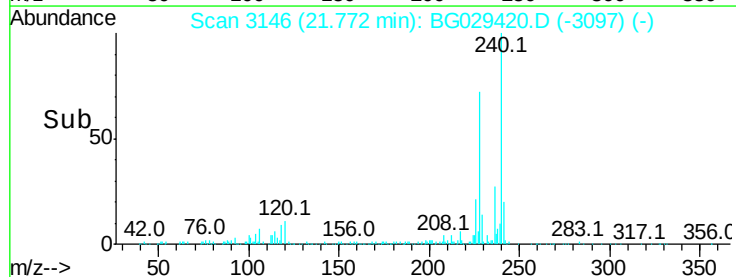
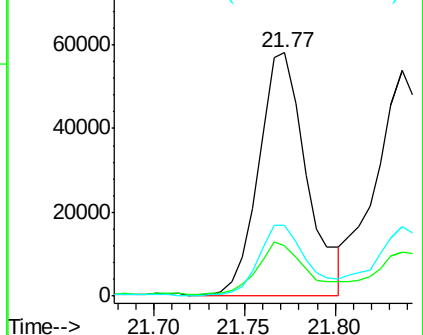
226 28.9 22.2 33.2

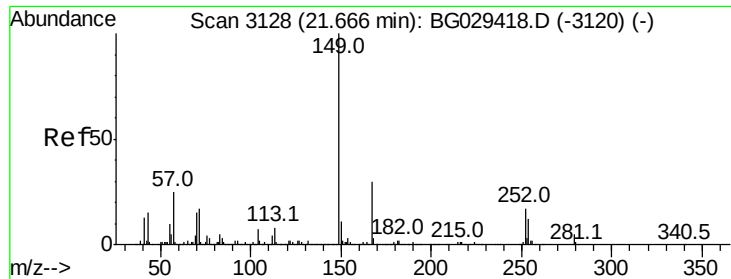


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

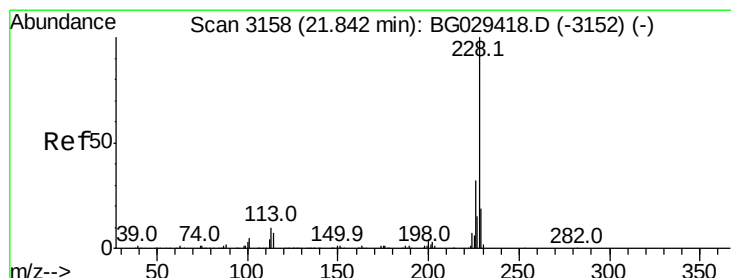
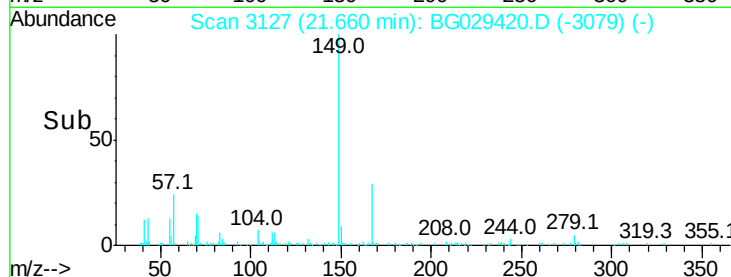
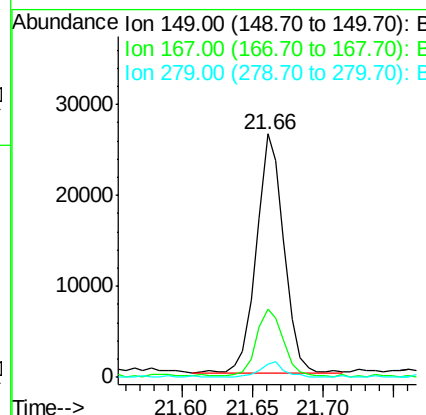
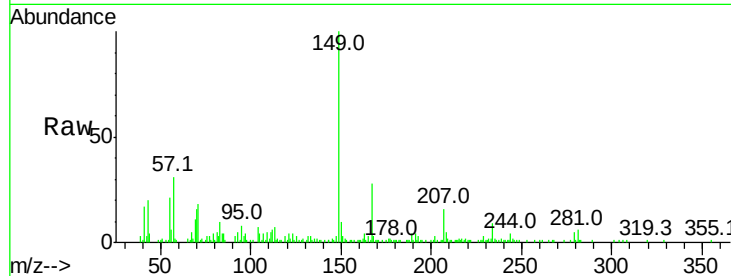




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.671 ng/ul
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029420.D
 Acq: 24 Oct 2017 12:03

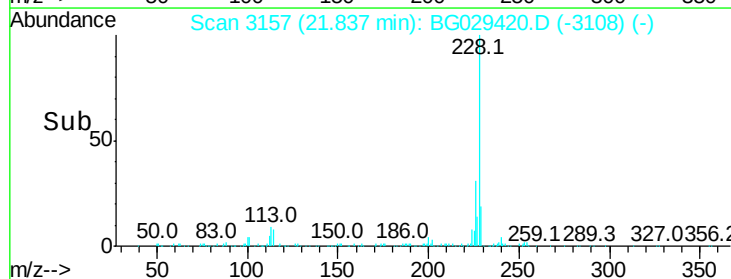
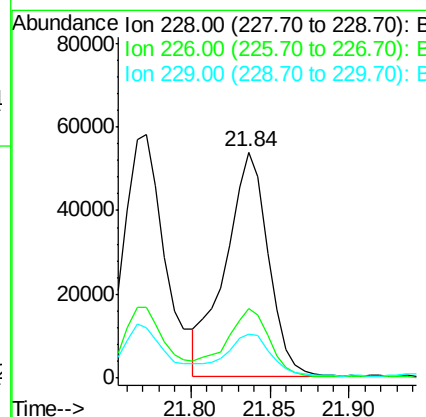
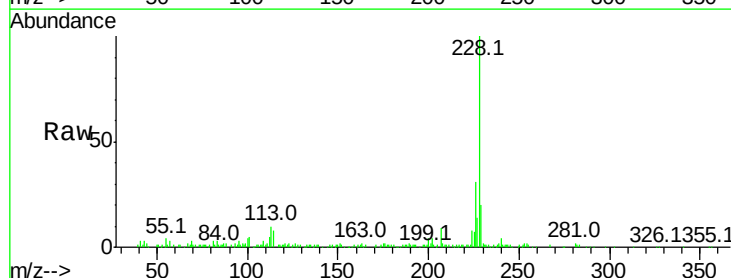
Instrument :
 BNA_G
 ClientSampleId :
 CB3K9

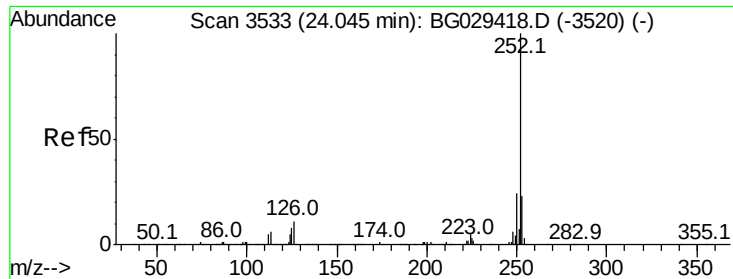
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.2	34.8
279	5.3	3.1	4.7



#82
 Chrysene
 Concen: 3.215 ng/ul
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029420.D
 Acq: 24 Oct 2017 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	19.6	15.2	22.8

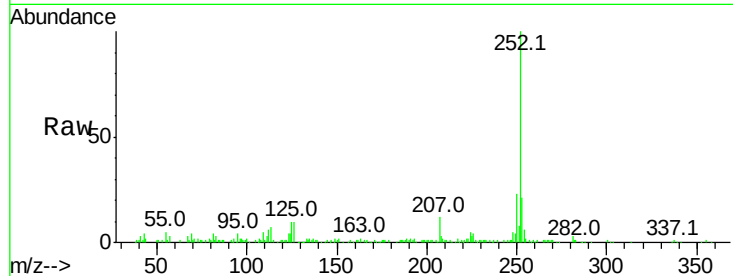




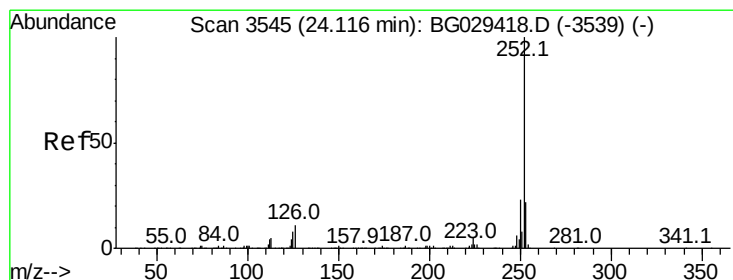
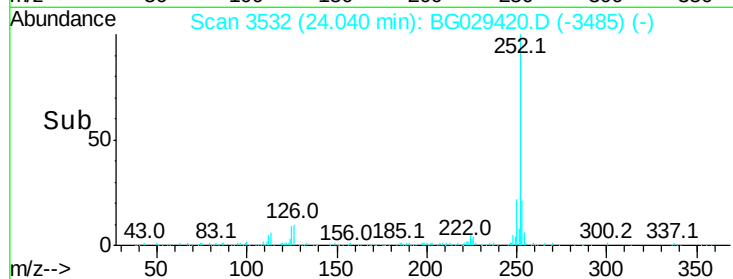
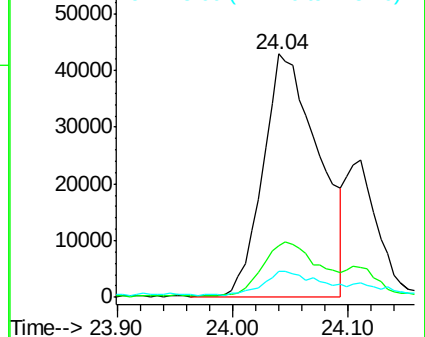
#85
Benzo(b)fluoranthene
Concen: 4.362 ng/ul
RT: 24.04 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG029420.D
Acq: 24 Oct 2017 12:03

Instrument :
BNA_G
ClientSampled :
CB3K9

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.4
125	10.5	7.5	11.3

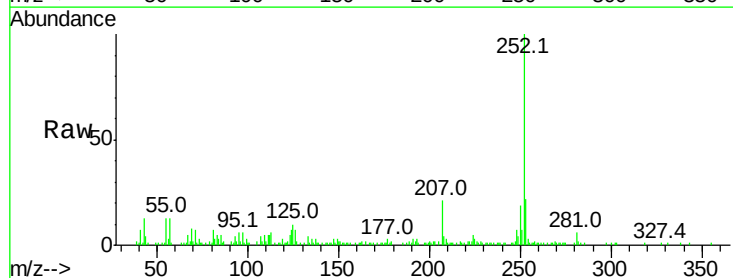


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

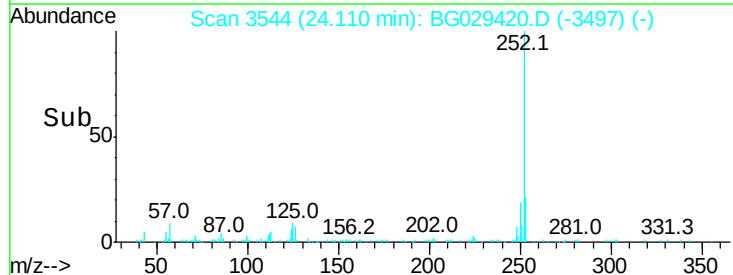
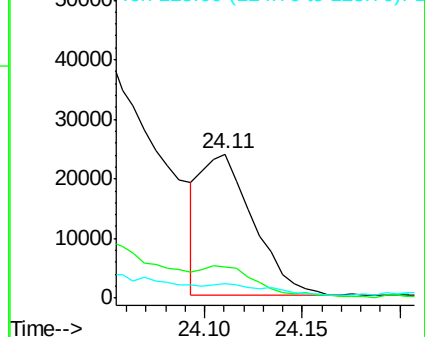


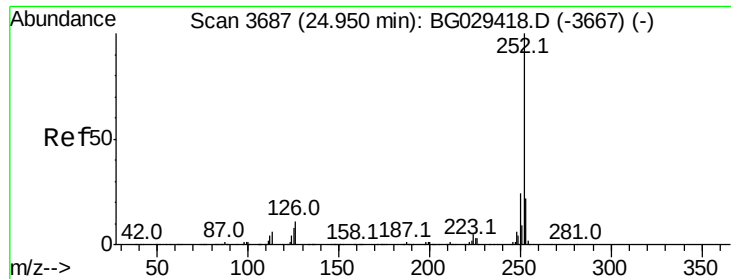
#86
Benzo(k)fluoranthene
Concen: 1.396 ng/ul
RT: 24.11 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG029420.D
Acq: 24 Oct 2017 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.3	7.8	11.8



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(a)pyrene

Concen: 2.941 ng/ul

RT: 24.94 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

Instrument :

BNA_G

ClientSampled :

CB3K9

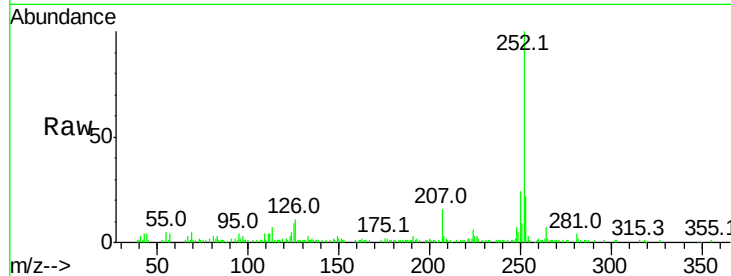
Tot Ion:252 Resp: 93730

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

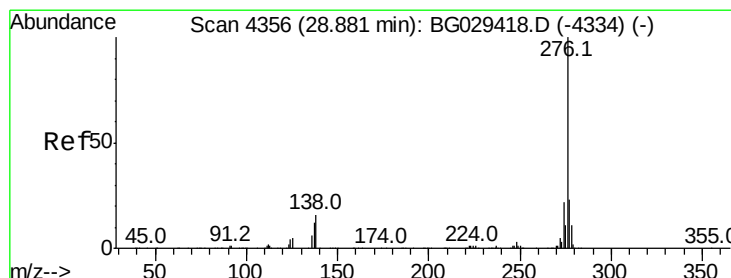
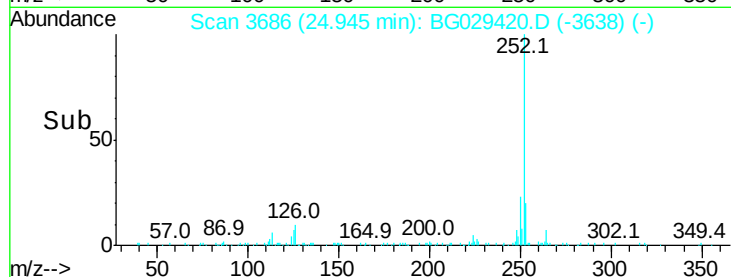
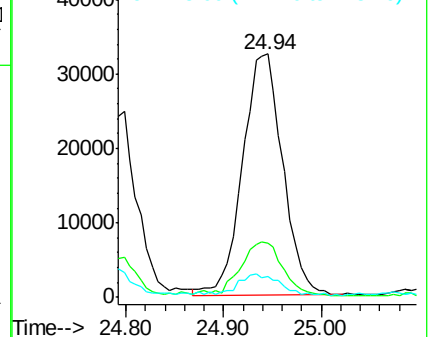
125 8.6 7.8 11.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.825 ng/ul

RT: 28.87 min Scan# 4354

Delta R.T. -0.04 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

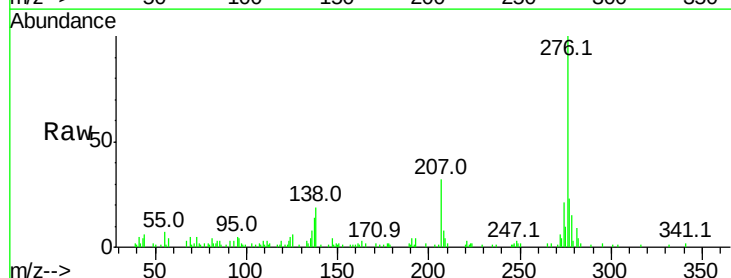
Tgt Ion:276 Resp: 65796

Ion Ratio Lower Upper

276 100

138 19.2 13.4 20.0

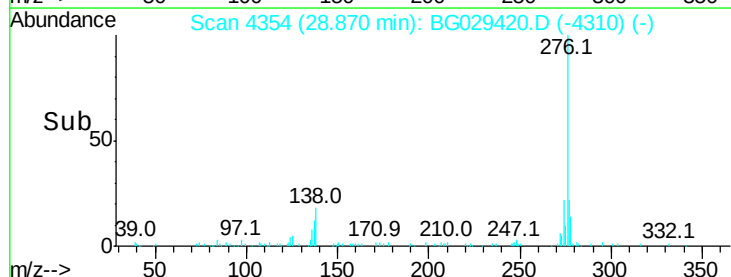
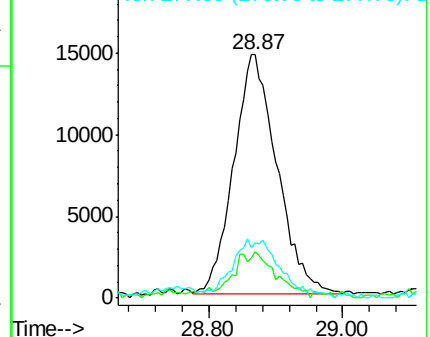
277 22.7 18.6 28.0

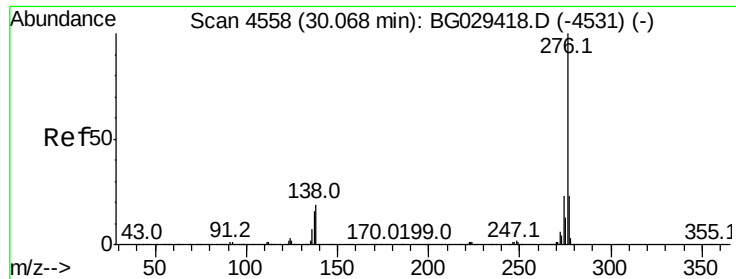


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.197 ng/ul

RT: 30.04 min Scan# 4554

Delta R.T. -0.05 min

Lab File: BG029420.D

Acq: 24 Oct 2017 12:03

Instrument :

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ClientSampleId :

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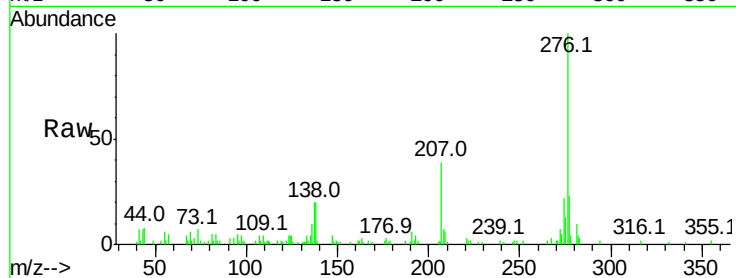
Tot Ion:276 Resp: 65655

Ion Ratio Lower Upper

276 100

138 20.4 12.1 18.1#

277 23.3 17.7 26.5



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

