

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029053.D
 Acq On : 7 Oct 2017 18:43
 Operator : SJ/JU
 Sample : I5576-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH67

Quant Time: Oct 08 06:36:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 17:49:18 2017
 Response via : Initial Calibration

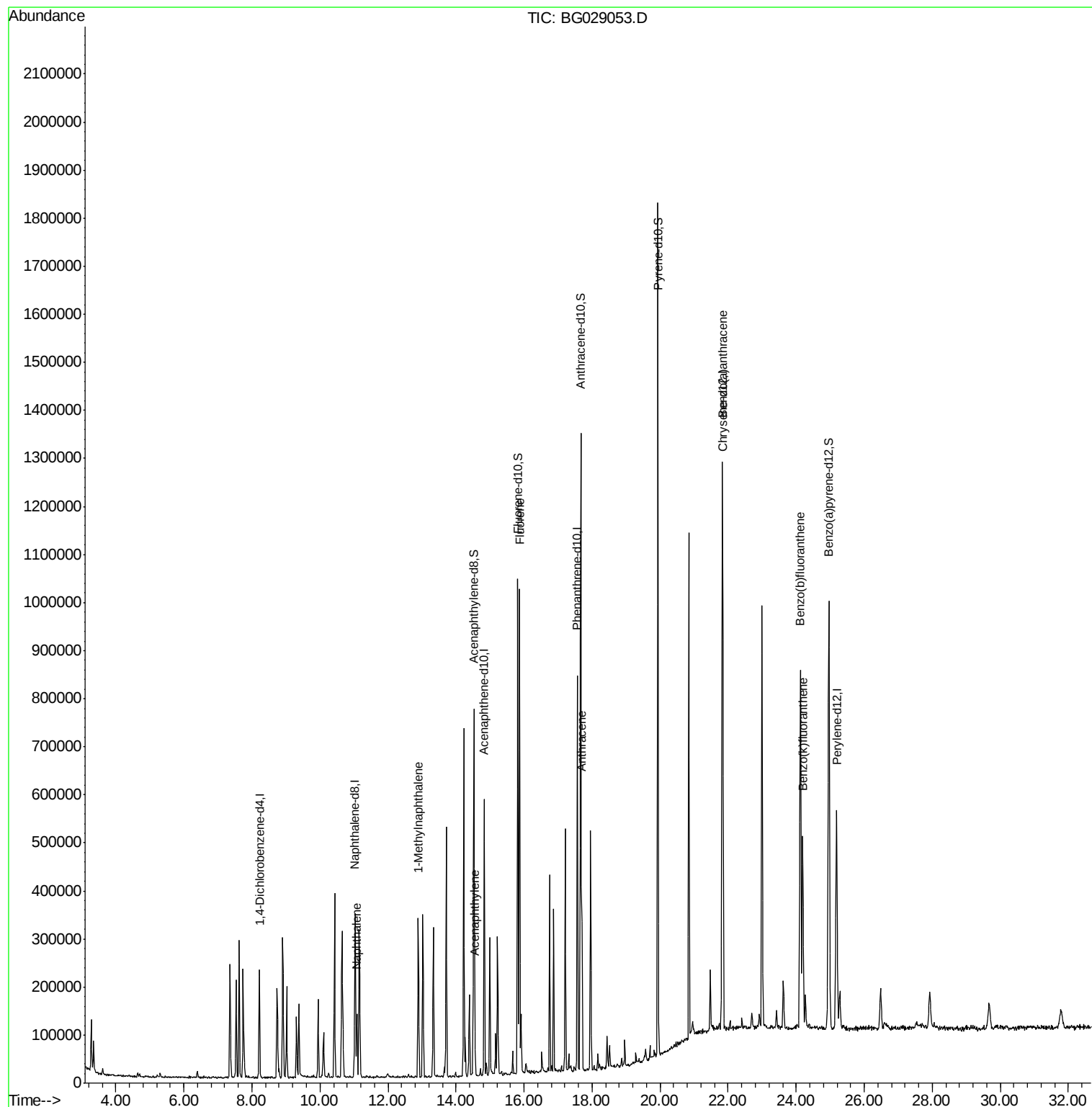
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	66999	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	307325	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	199981	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	491446	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	471660	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	470170	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	577684	27.77	ng/ul	0.00
10) Fluorene-d10	15.81	176	438812	29.09	ng/ul	0.00
14) Anthracene-d10	17.67	188	819619	34.43	ng/ul	0.00
18) Pyrene-d10	19.93	212	937643	38.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	853369	37.89	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.09	128	113728	7.108	ng/ul	98
5) 1-Methylnaphthalene	12.89	142	159466	13.760	ng/ul#	95
8) Acenaphthylene	14.55	152	79235	3.957	ng/ul	98
11) Fluorene	15.87	166	384982	24.137	ng/ul	94
15) Anthracene	17.70	178	322648	12.031	ng/ul	97
20) Benzo(a)anthracene	21.83	228	676968	24.371	ng/ul	99
23) Benzo(b)fluoranthene	24.12	252	743000	26.416	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	365302	13.307	ng/ul	99

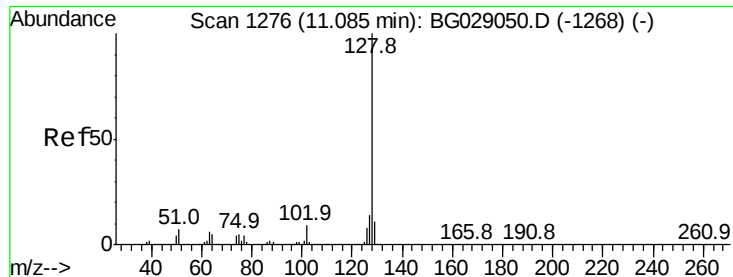
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.108 ng/ul

RT: 11.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Instrument :

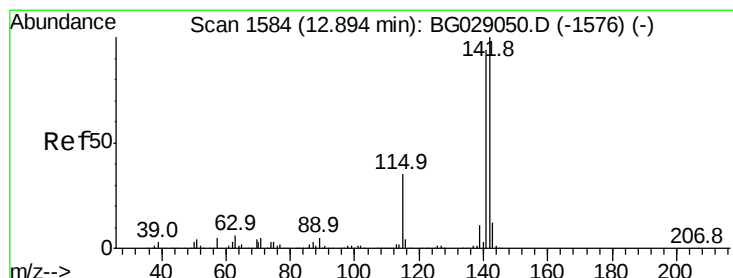
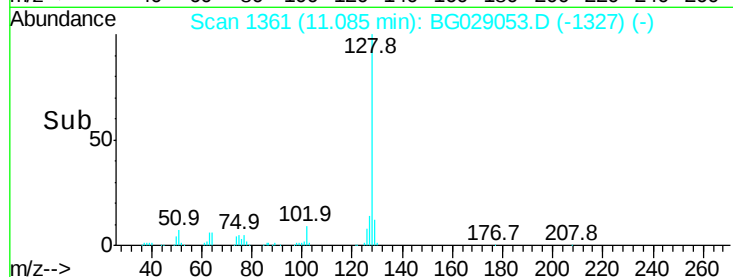
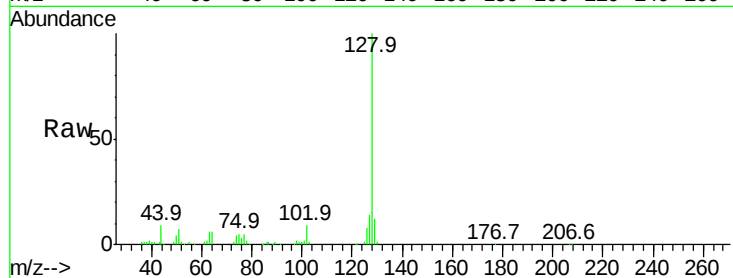
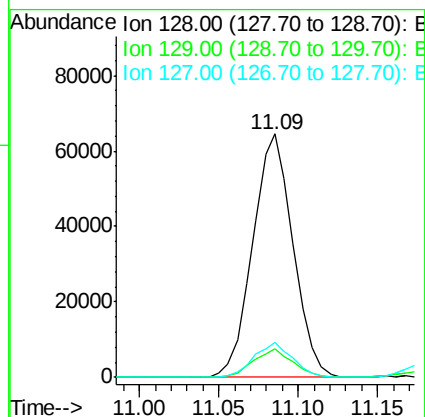
BNA_G

ClientSampleId :

DAH67

Tot Ion:128 Resp: 113728

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.1	10.6	16.0



#5

1-Methylnaphthalene

Concen: 13.760 ng/ul

RT: 12.89 min Scan# 1668

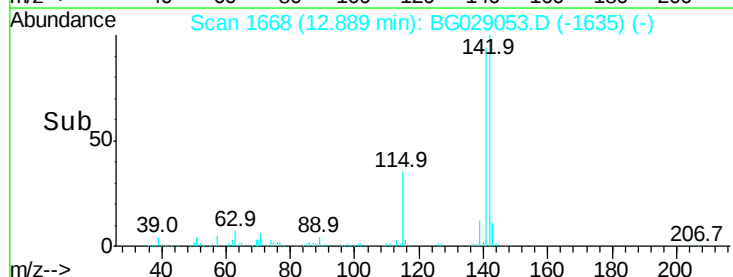
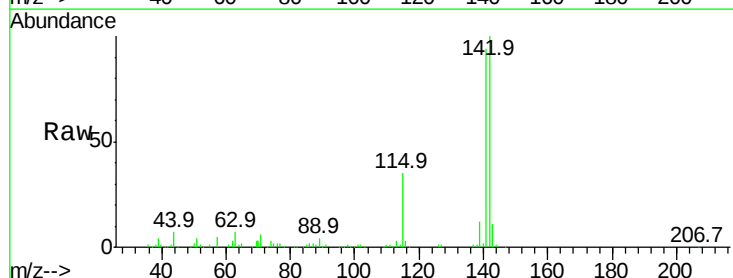
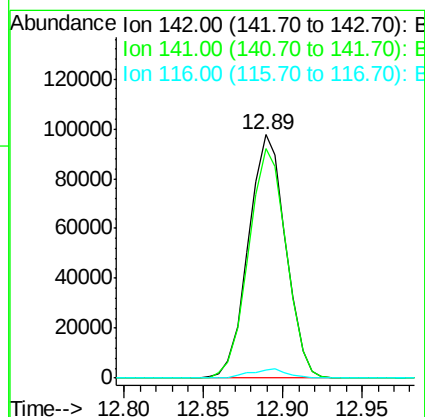
Delta R.T. -0.01 min

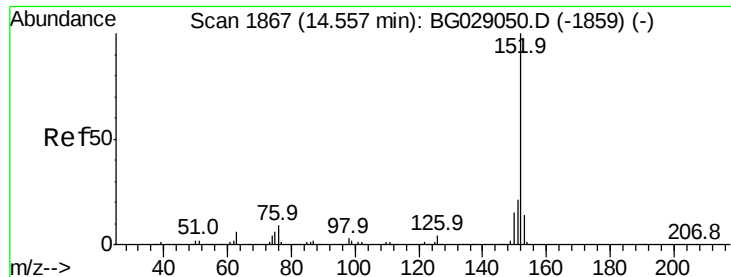
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Tgt Ion:142 Resp: 159466

Ion	Ratio	Lower	Upper
142	100		
141	94.0	79.3	118.9
116	3.5	4.2	6.2#





#8

Acenaphthylene

Concen: 3.957 ng/ul

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

DAH67

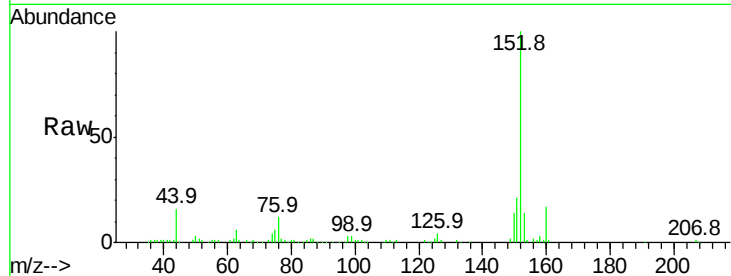
Tot Ion:152 Resp: 79235

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1

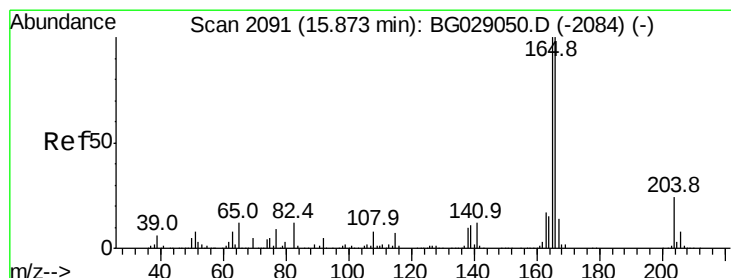
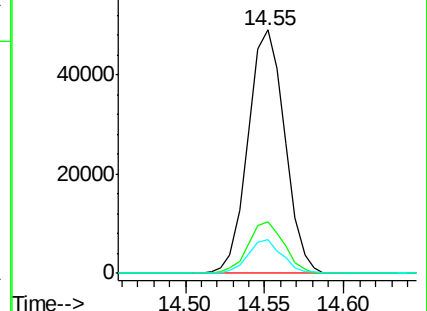
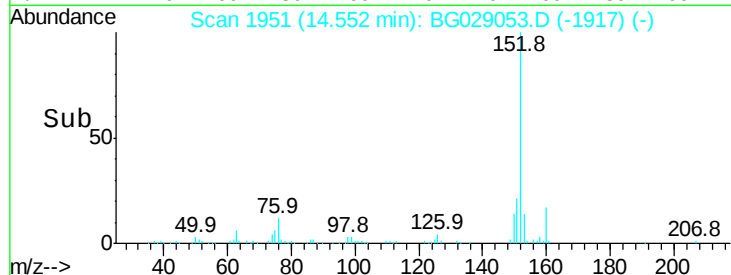
153 14.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Fluorene

Concen: 24.137 ng/ul

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

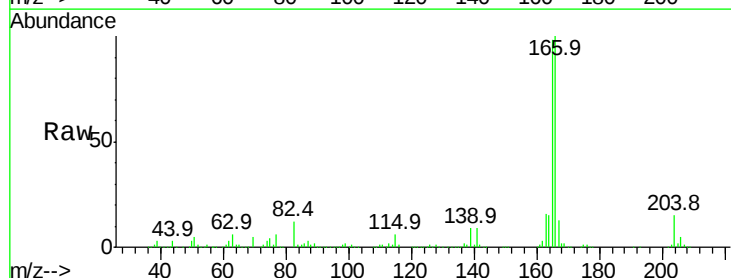
Tgt Ion:166 Resp: 384982

Ion Ratio Lower Upper

166 100

165 97.8 83.8 125.8

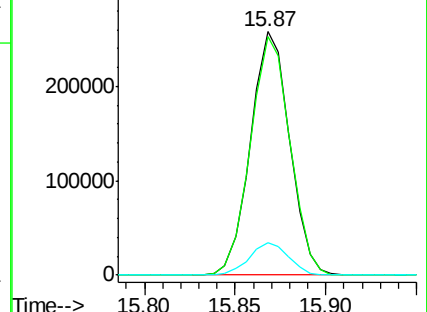
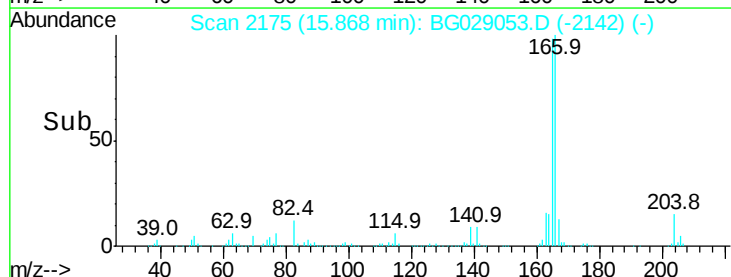
167 13.4 11.5 17.3

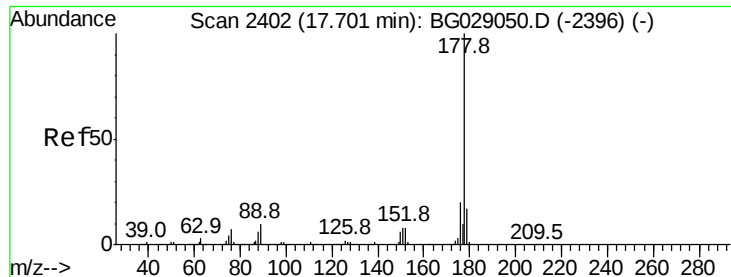


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

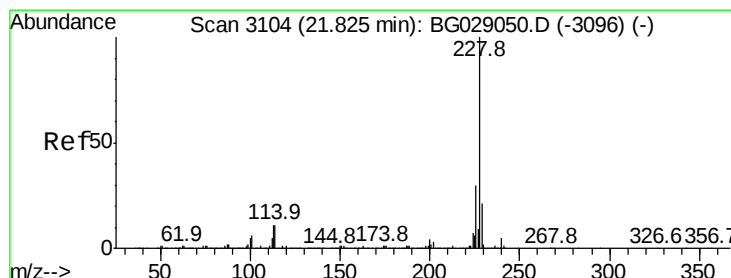
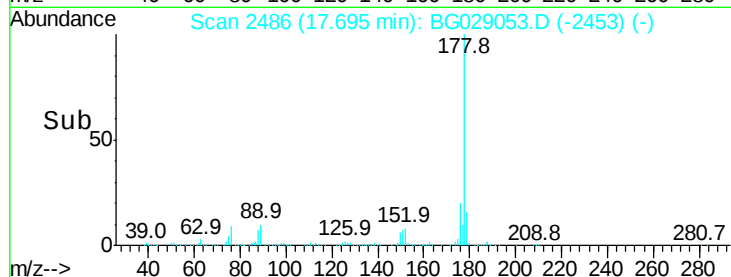
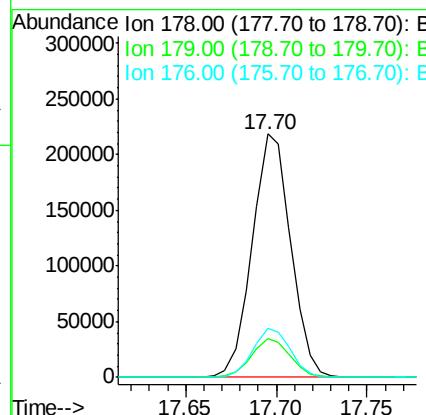
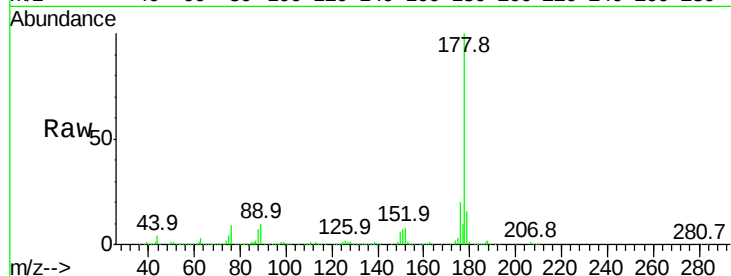




#15
 Anthracene
 Concen: 12.031 ng/ul
 RT: 17.70 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG029053.D
 Acq: 7 Oct 2017 18:43

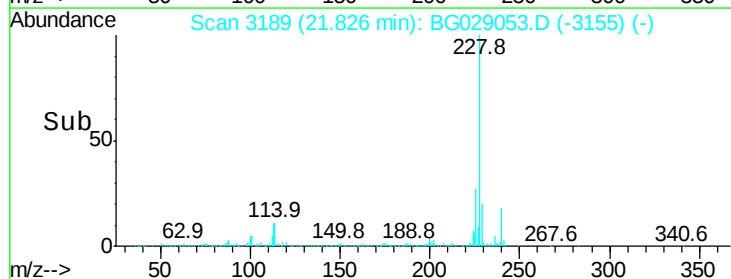
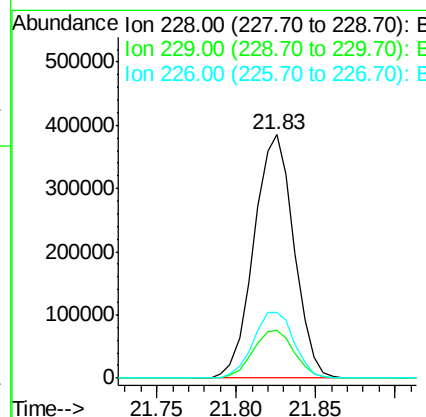
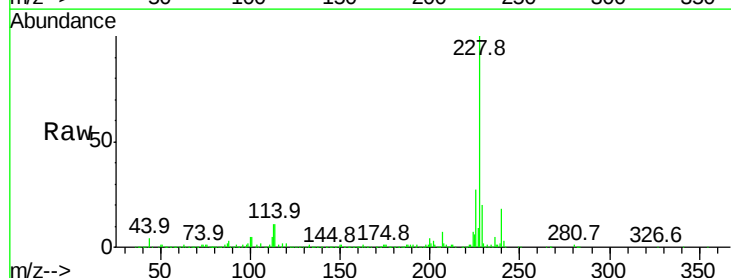
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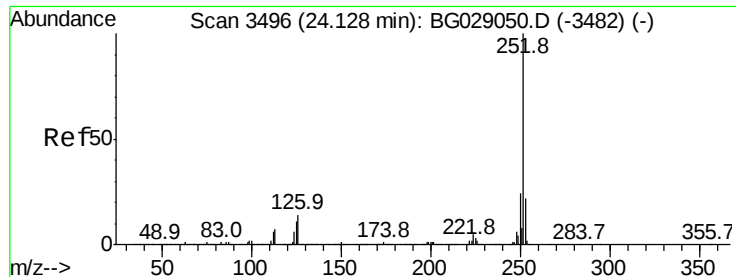
Tot Ion:178 Resp: 322648
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.8 17.8
 176 20.0 15.2 22.8



#20
 Benzo(a)anthracene
 Concen: 24.371 ng/ul
 RT: 21.83 min Scan# 3189
 Delta R.T. 0.00 min
 Lab File: BG029053.D
 Acq: 7 Oct 2017 18:43

Tgt Ion:228 Resp: 676968
 Ion Ratio Lower Upper
 228 100
 229 19.8 15.7 23.5
 226 27.0 21.1 31.7





#23

Benzo(b)fluoranthene

Concen: 26.416 ng/ul

RT: 24.12 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

DAH67

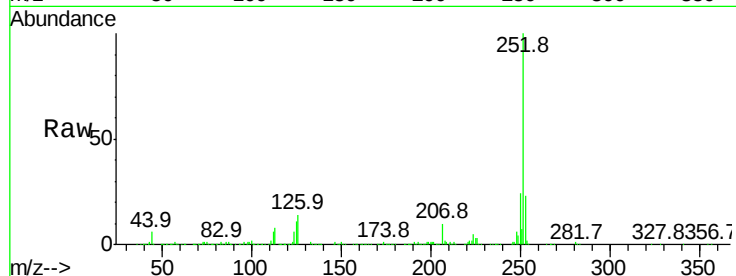
Tot Ion:252 Resp: 743000

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

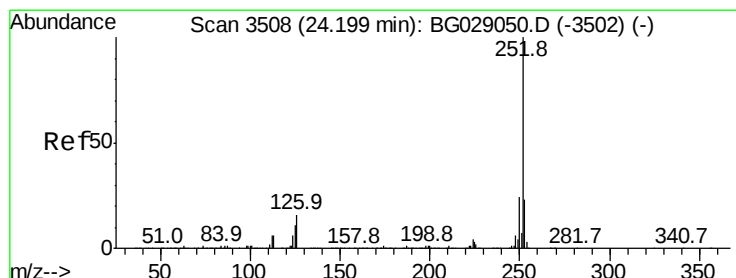
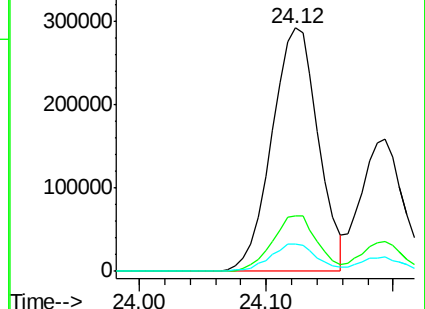
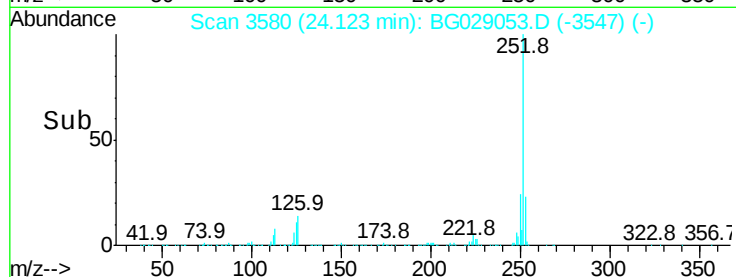
125 11.4 8.0 12.0



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



#24

Benzo(k)fluoranthene

Concen: 13.307 ng/ul

RT: 24.19 min Scan# 3592

Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

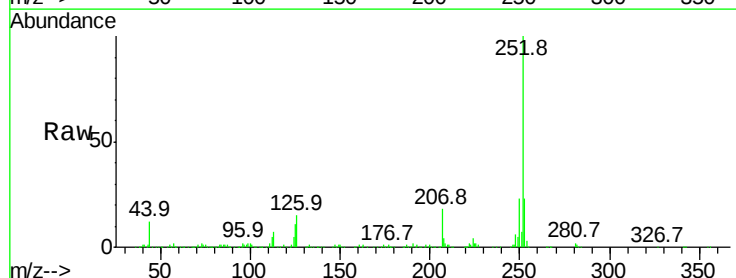
Tgt Ion:252 Resp: 365302

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 10.9 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

