

Data File : BG027516.D
Acq On : 17 Jun 2017 21:08
Operator : SJ/MA
Sample : I3599-07 10X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5C97DL

Quant Time: Jun 19 01:54:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 01:52:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	42599	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	223652	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	149881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	346839	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	371647	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	357882	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.65	99	5322	1.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	4505	1.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	4092	1.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	4812	1.33	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	1934	1.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	2191	1.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	4280	1.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	4935	1.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	16779	1.34	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	18720	1.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	1615	0.66	ng/ul	0.01
57) Fluorene-d10	16.09	176	16700	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	1911	0.89	ng/ul	0.00
70) Anthracene-d10	17.95	188	24290	1.50	ng/ul	0.00
76) Pyrene-d10	20.22	212	15474	0.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	8024	0.50	ng/ul	0.00

Target Compounds

						Qvalue
69) Phenanthrene	17.90	178	26089	1.40	ng/ul	99
71) Anthracene	17.90	178	26089	1.38	ng/ul	99
74) Fluoranthene	19.89	202	100683	4.80	ng/ul#	85
77) Pyrene	20.25	202	60725	2.76	ng/ul#	85
80) Benzo(a)anthracene	22.21	228	83215	4.02	ng/ul	98
82) Chrysene	22.28	228	91100	4.87	ng/ul	100
85) Benzo(b)fluoranthene	24.72	252	178962	8.40	ng/ul#	96
86) Benzo(k)fluoranthene	24.72	252	178962	8.74	ng/ul#	95
88) Benzo(a)pyrene	25.70	252	24516	1.20	ng/ul#	91

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

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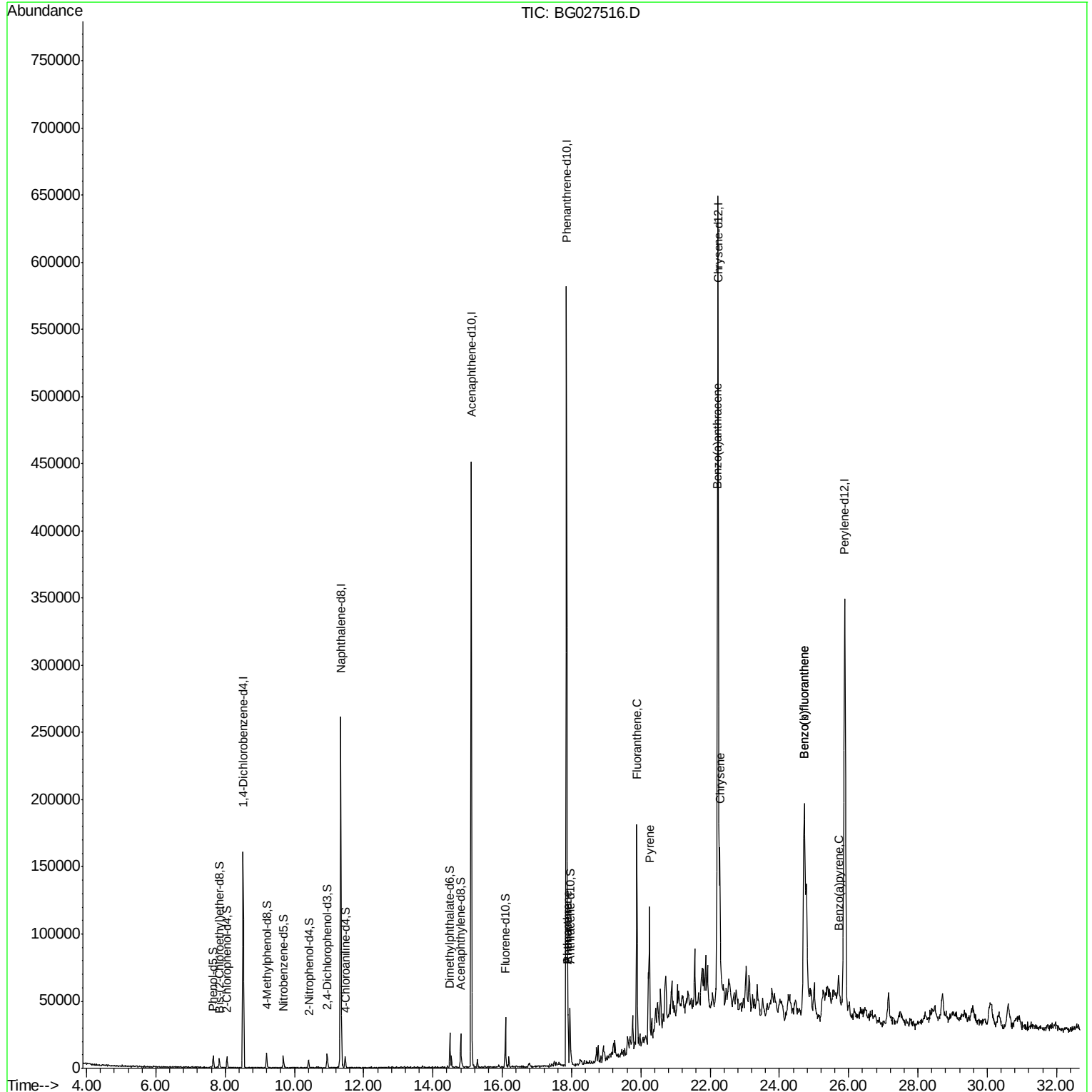
Quant Time: Jun 19 01:54:25 2017

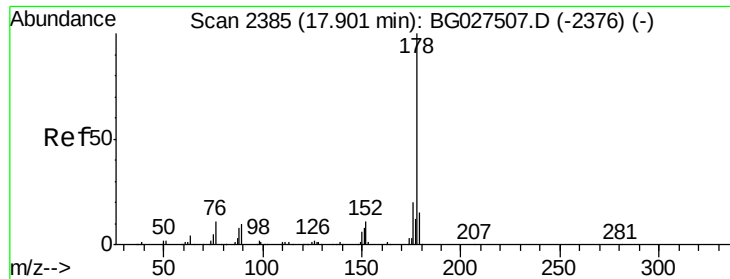
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 19 01:52:26 2017

Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.40 ng/ul

RT: 17.90 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

Instrument :

BNA_G

ClientSampleId :

F5C97DL

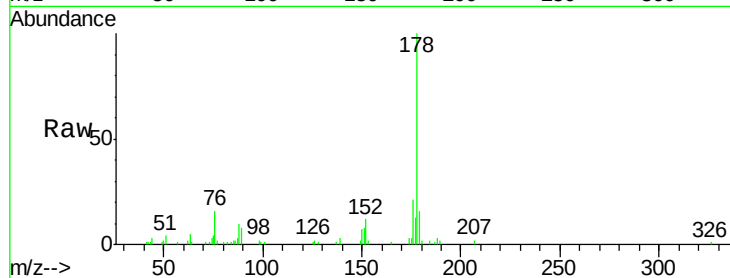
Tgt Ion:178 Resp: 26089

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

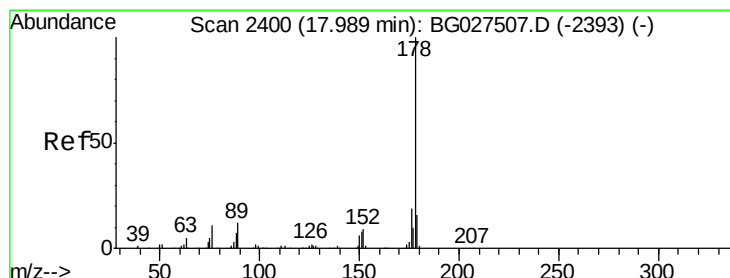
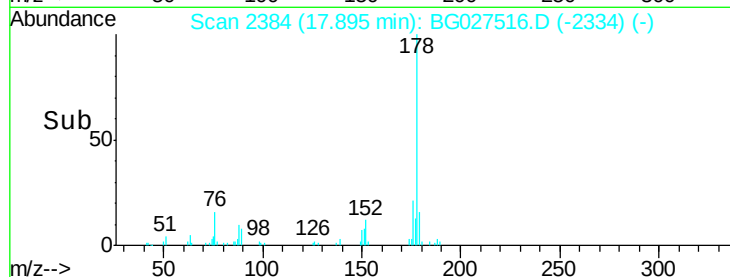
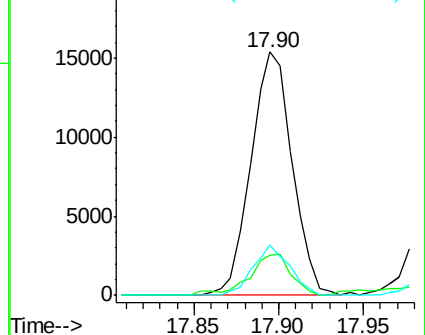
176 20.5 16.5 24.7



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



#71

Anthracene

Concen: 1.38 ng/ul

RT: 17.90 min Scan# 2384

Delta R.T. -0.09 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

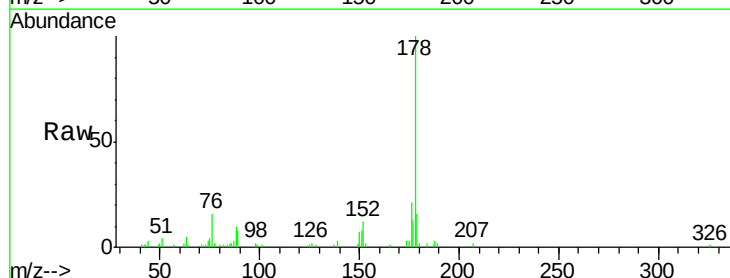
Tgt Ion:178 Resp: 26089

Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

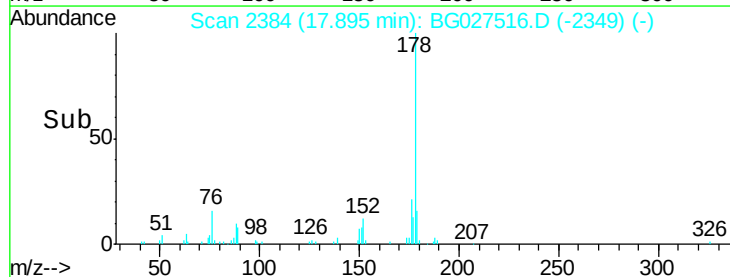
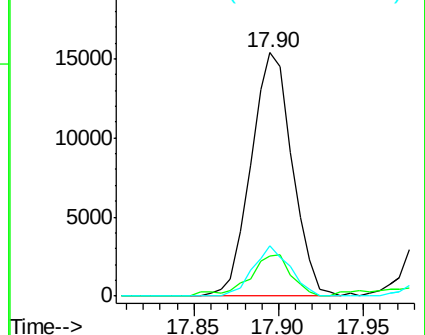
176 20.5 15.9 23.9

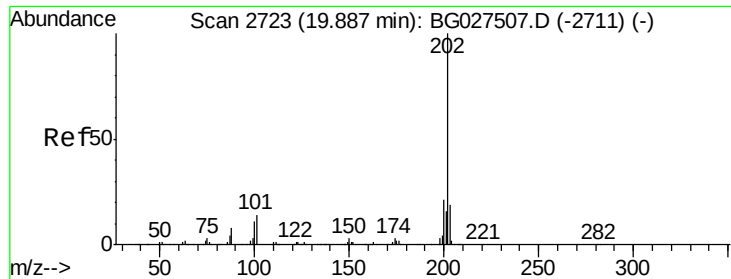


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.80 ng/ul

RT: 19.89 min Scan# 2723

Delta R.T. -0.00 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

Instrument :

BNA_G

ClientSampleId :

F5C97DL

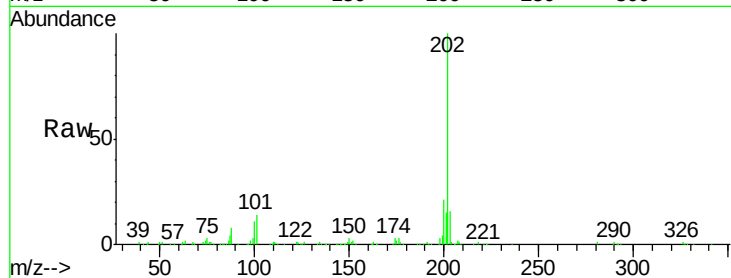
Tgt Ion:202 Resp: 100683

Ion Ratio Lower Upper

202 100

101 13.9 6.2 9.2#

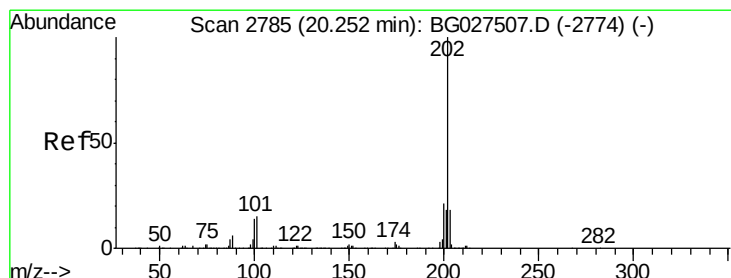
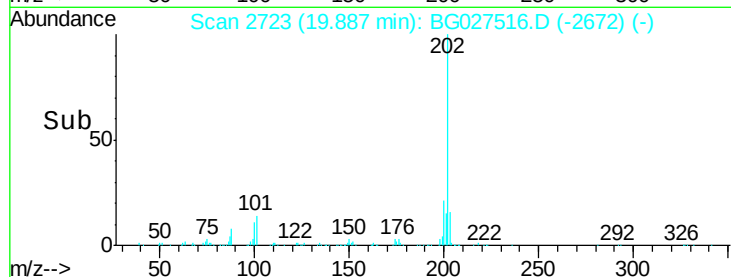
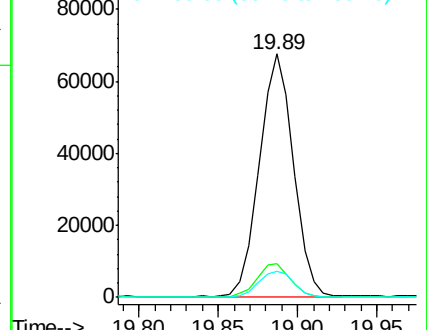
100 10.7 5.2 7.8#



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

Pyrene

Concen: 2.76 ng/ul

RT: 20.25 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

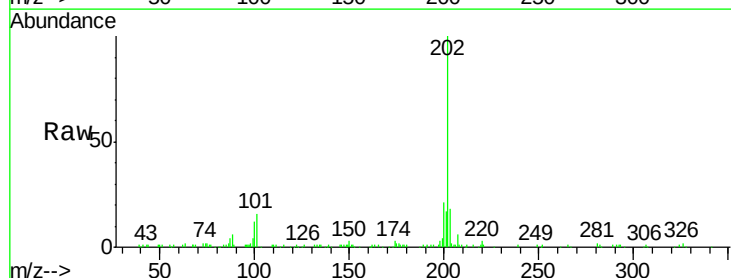
Tgt Ion:202 Resp: 60725

Ion Ratio Lower Upper

202 100

101 15.5 6.9 10.3#

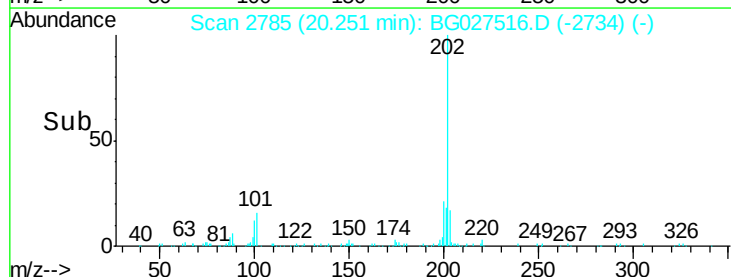
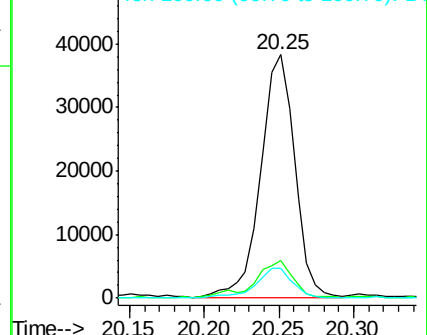
100 12.4 6.6 10.0#

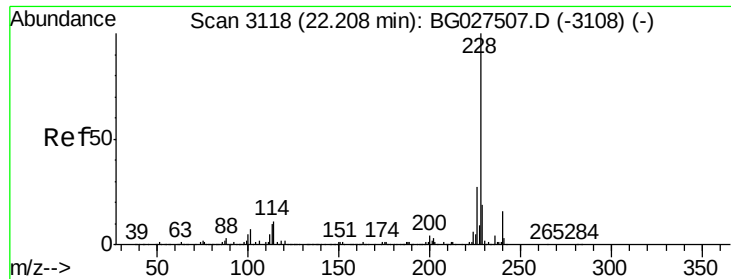


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

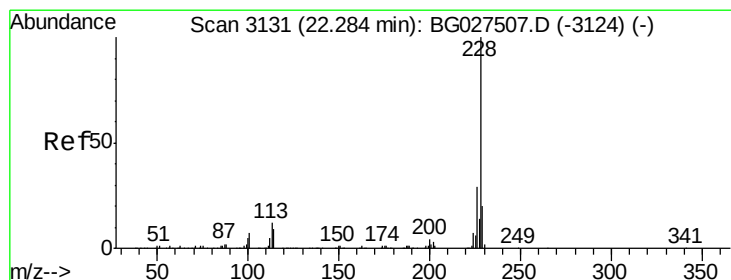
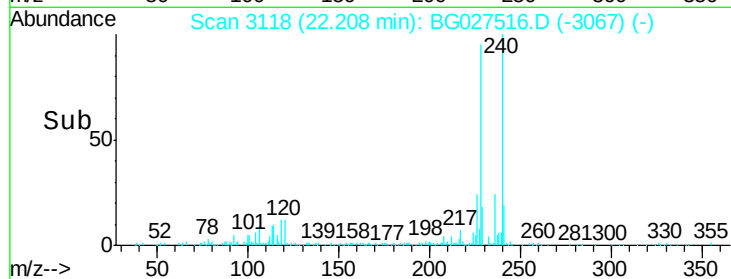
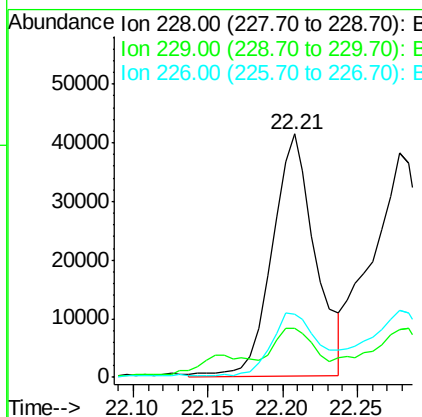
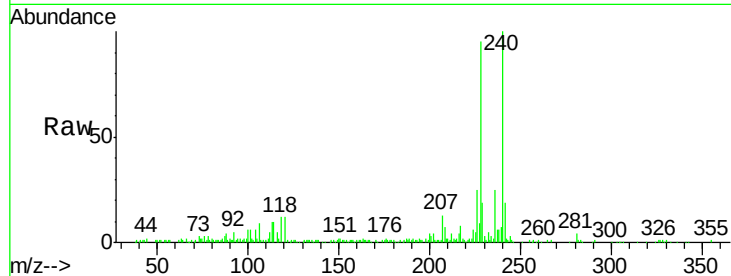




#80
Benzo(a)anthracene
Concen: 4.02 ng/ul
RT: 22.21 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

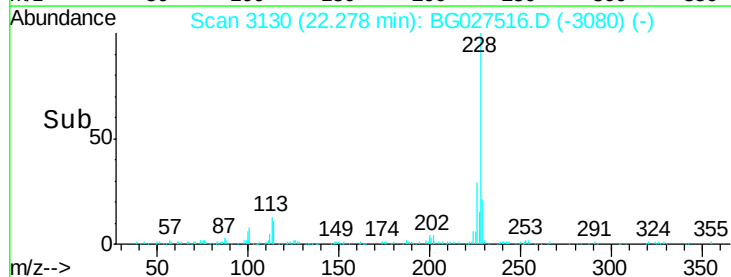
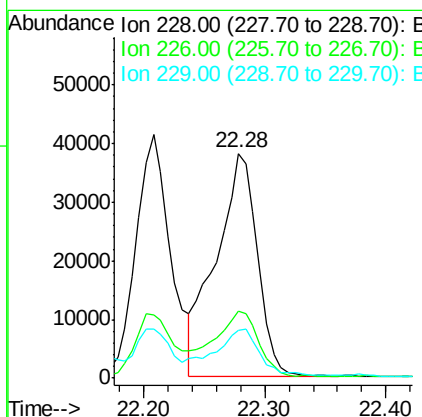
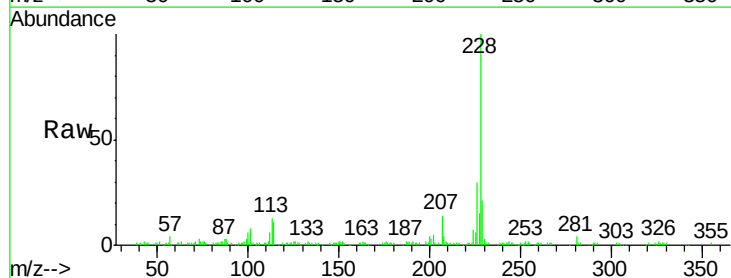
Instrument :
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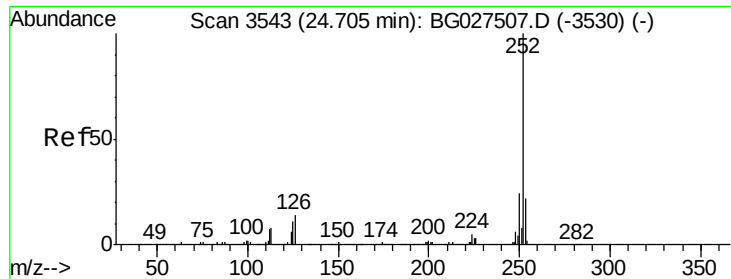
Tgt Ion:228 Resp: 83215
Ion Ratio Lower Upper
228 100
229 20.1 16.3 24.5
226 25.8 21.9 32.9



#82
Chrysene
Concen: 4.87 ng/ul
RT: 22.28 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Tgt Ion:228 Resp: 91100
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 21.1 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 8.40 ng/ul

RT: 24.72 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

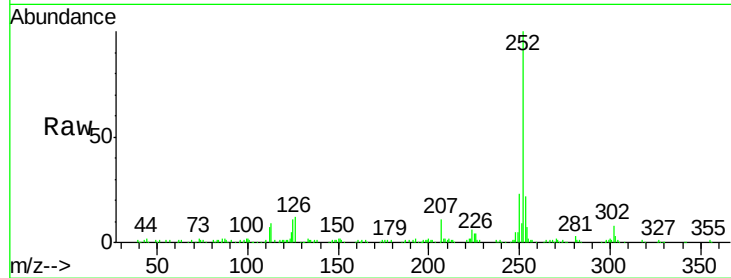
Instrument :

BNA_G

ClientSampleId :

F5C97DL

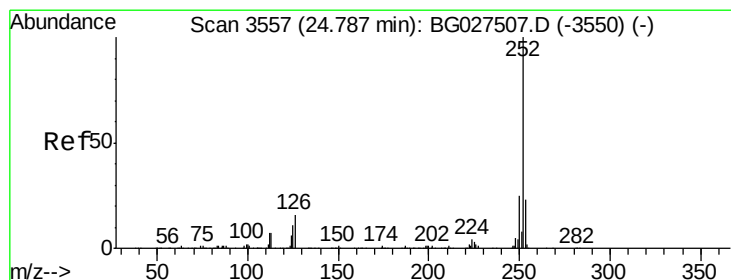
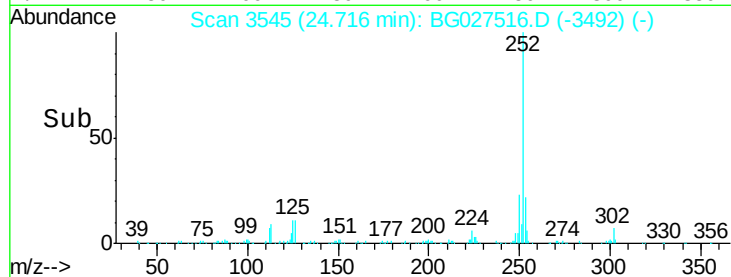
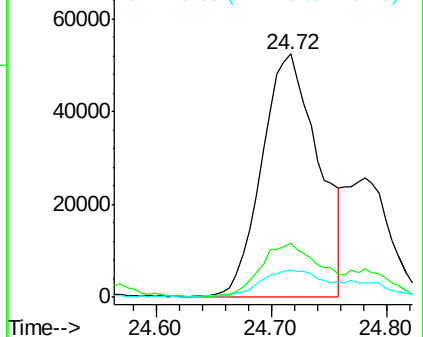
Tgt Ion:	252	Resp:	178962
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	11.3	4.0	6.0#



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



#86

Benzo(k)fluoranthene

Concen: 8.74 ng/ul

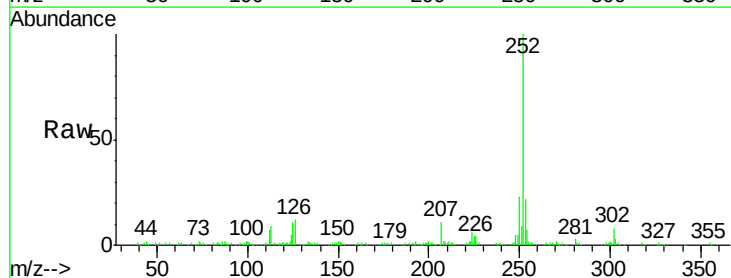
RT: 24.72 min Scan# 3545

Delta R.T. -0.07 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

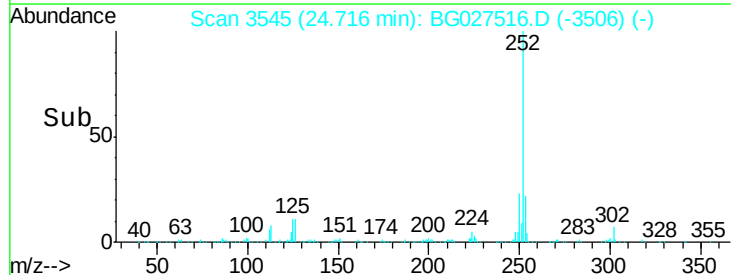
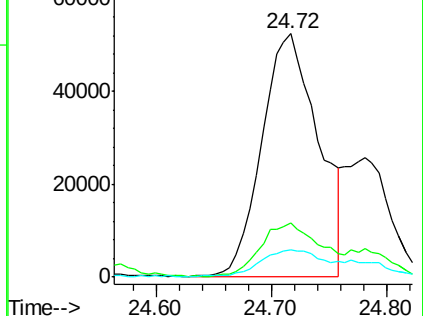
Tgt Ion:	252	Resp:	178962
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	11.3	4.1	6.1#

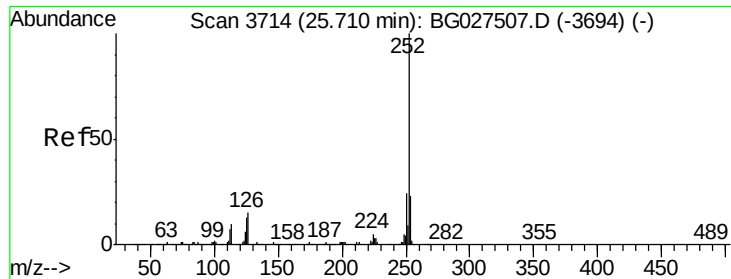


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 25.70 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG027516.D

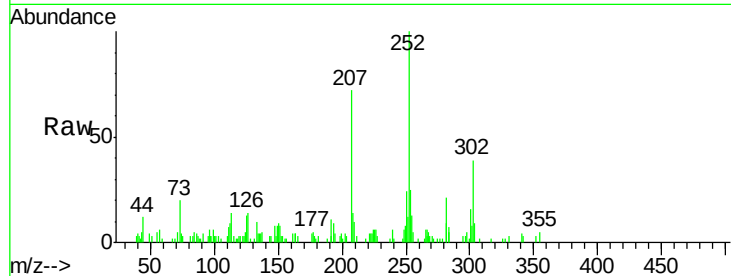
Acq: 17 Jun 2017 21:08

Instrument :

BNA_G

ClientSampleId :

F5C97DL



Tgt Ion:	252	Resp:	24516
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	13.4	5.4	8.0#

