

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026289.D
 Acq On : 17 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2218-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z3

Quant Time: Mar 18 00:14:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:14:20 2017
 Response via : Initial Calibration

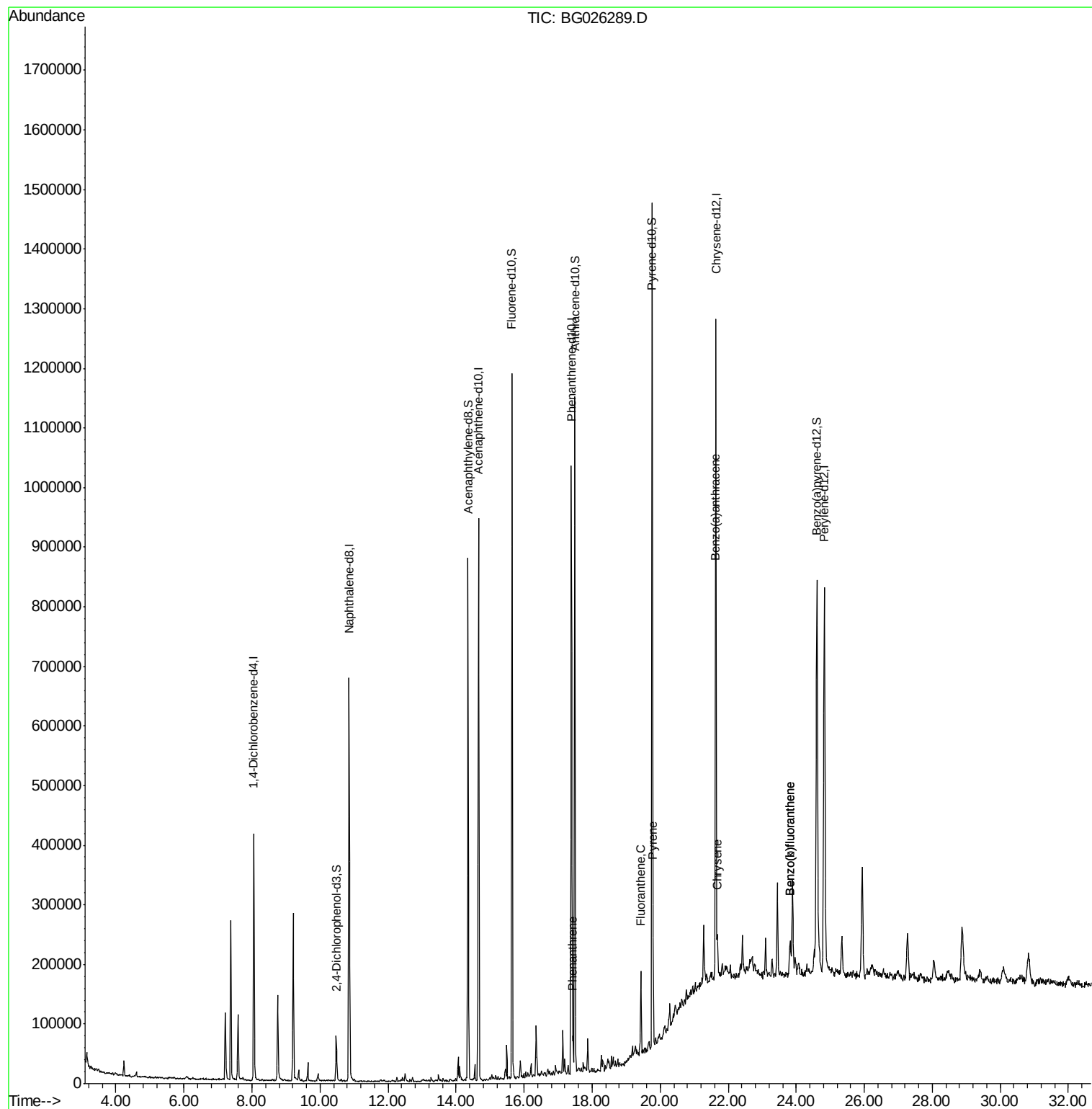
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	128762	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	606461	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	326115	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	645793	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	633847	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	574440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	35663	3.97	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	674084	24.24	ng/ul	0.00
10) Fluorene-d10	15.64	176	470060	23.17	ng/ul	0.00
15) Anthracene-d10	17.49	188	661687	23.06	ng/ul	0.00
19) Pyrene-d10	19.76	212	738971	22.85	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	673846	27.20	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	36382	1.06	ng/ul	95
17) Fluoranthene	19.43	202	84019	2.36	ng/ul	98
20) Pyrene	19.79	202	84558	2.10	ng/ul	99
21) Benzo(a)anthracene	21.62	228	49508	1.40	ng/ul	96
22) Chrysene	21.68	228	51479	1.56	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	64285	1.97	ng/ul#	96
25) Benzo(k)fluoranthene	23.82	252	64285	2.06	ng/ul#	96

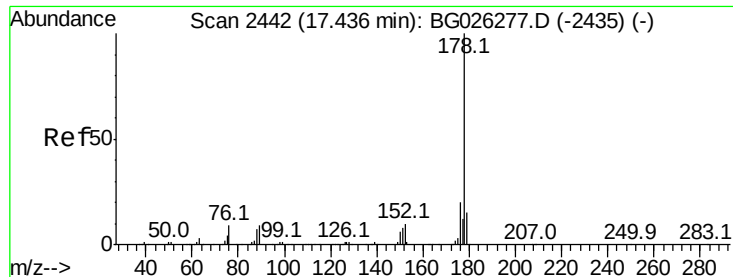
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.06 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

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ClientSampleId :

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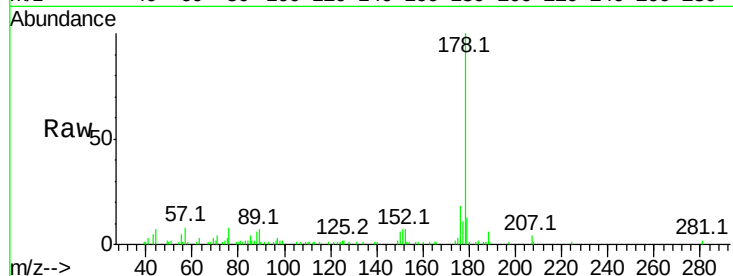
Tot Ion:178 Resp: 36382

Ion Ratio Lower Upper

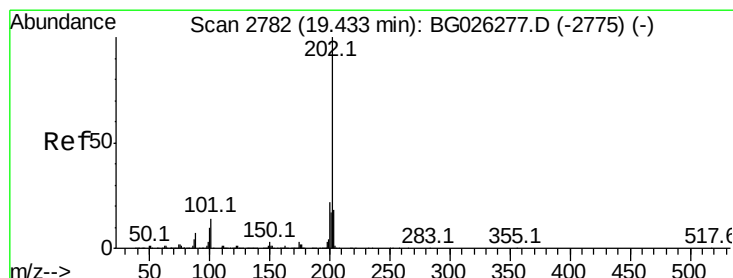
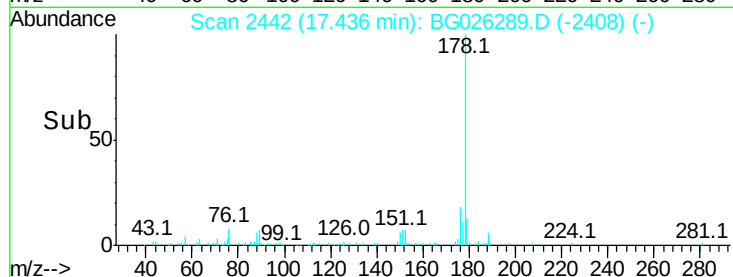
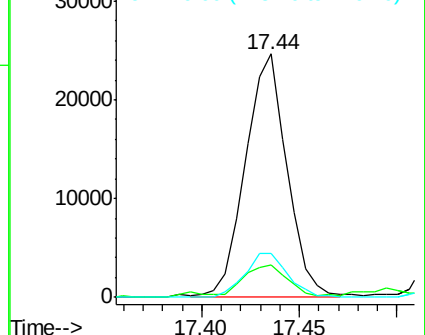
178 100

179 13.4 12.2 18.4

176 17.8 16.4 24.6



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



#17

Fluoranthene

Concen: 2.36 ng/ul

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

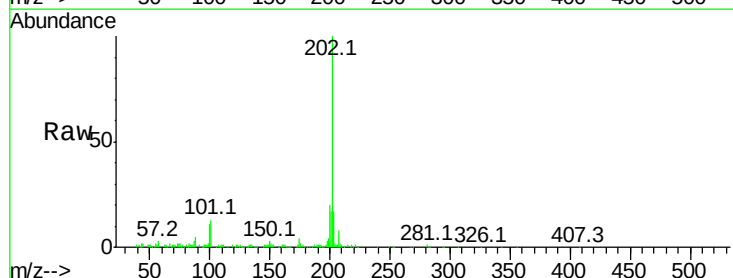
Tgt Ion:202 Resp: 84019

Ion Ratio Lower Upper

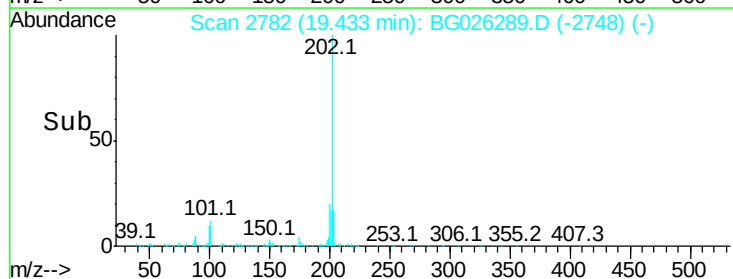
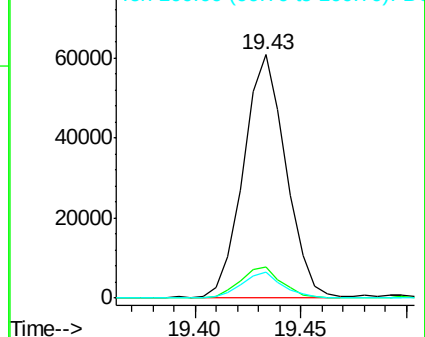
202 100

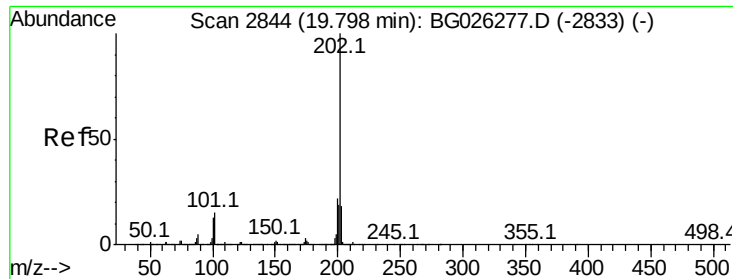
101 12.9 9.8 14.8

100 10.7 7.5 11.3



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

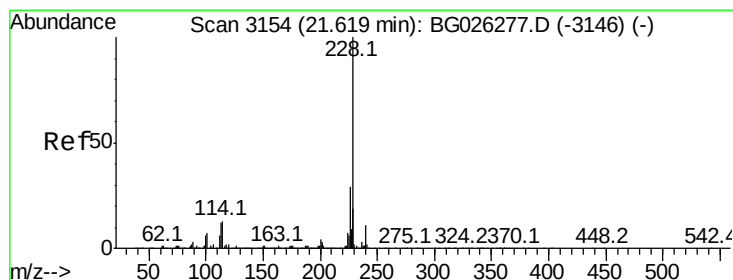
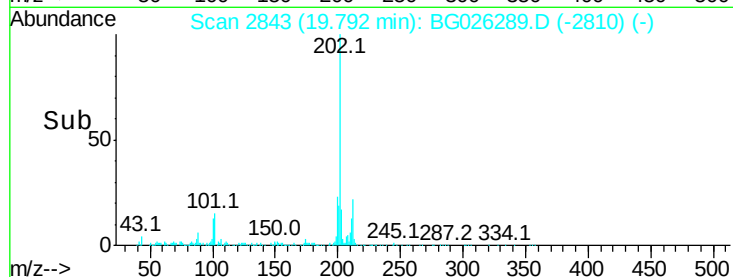
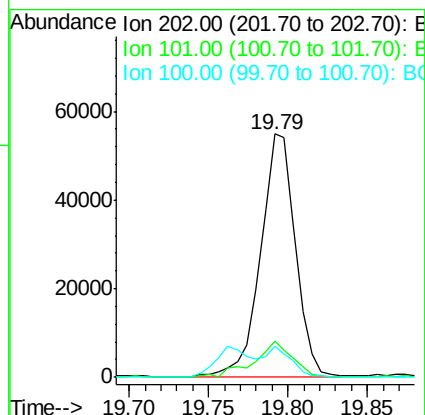
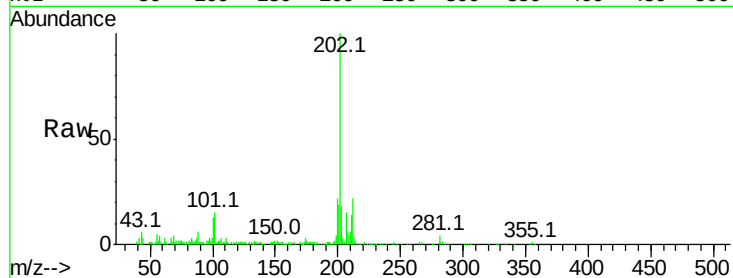




#20
Pvrene
Concen: 2.10 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG026289.D
Acq: 17 Mar 2017 19:17

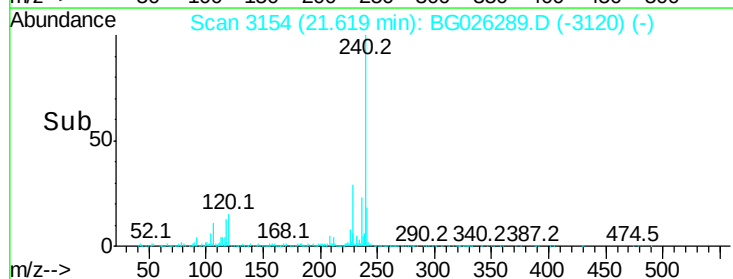
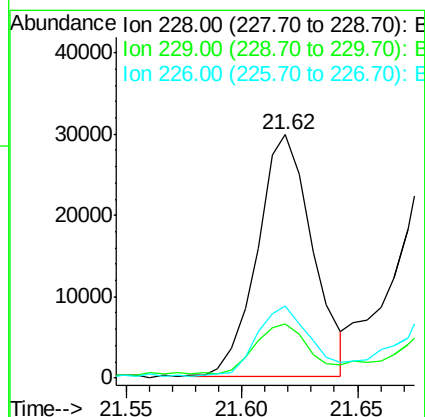
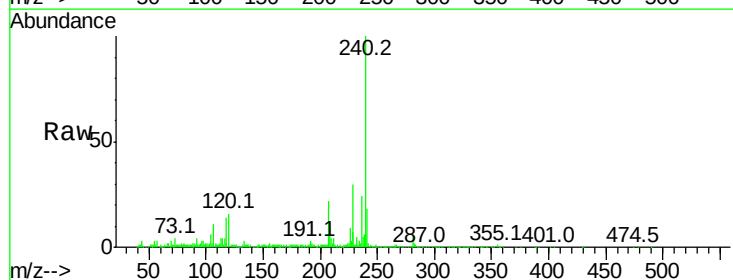
Instrument :
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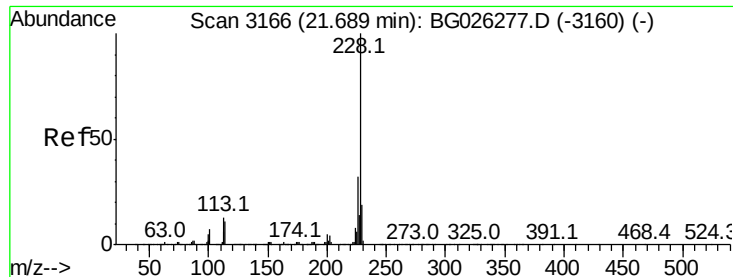
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.2	16.8
100	12.5	9.8	14.6



#21
Benzo(a)anthracene
Concen: 1.40 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026289.D
Acq: 17 Mar 2017 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.9	23.9
226	29.4	22.1	33.1





#22

Chrysene

Concen: 1.56 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Instrument :

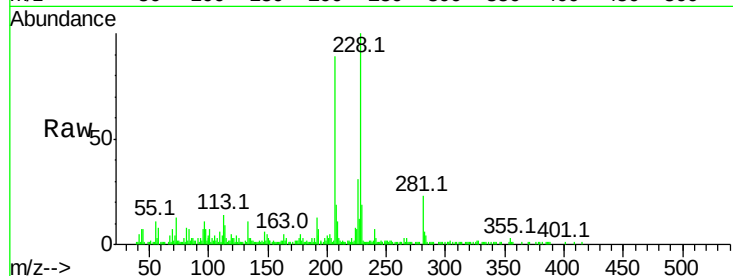
BNA_G

ClientSampleId :

CB2Z3

Tot Ion:228 Resp: 51479

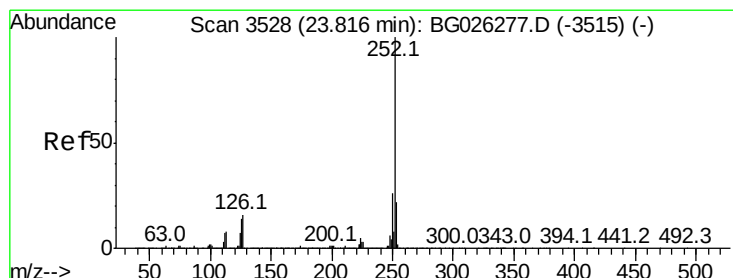
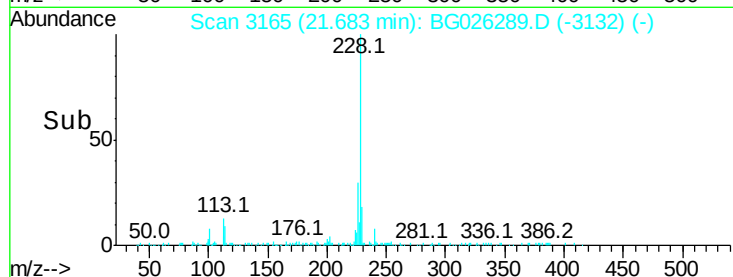
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.3	16.6	25.0



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



#24

Benzo(b)fluoranthene

Concen: 1.97 ng/ul

RT: 23.82 min Scan# 3528

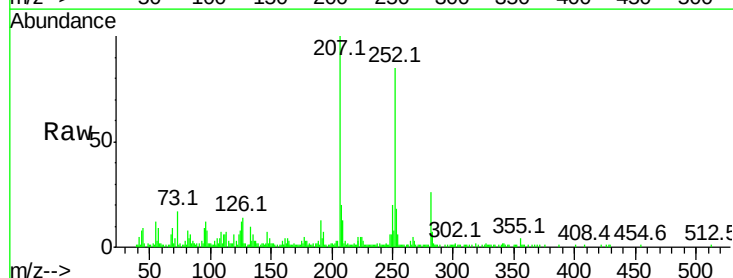
Delta R.T. -0.00 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Tgt Ion:252 Resp: 64285

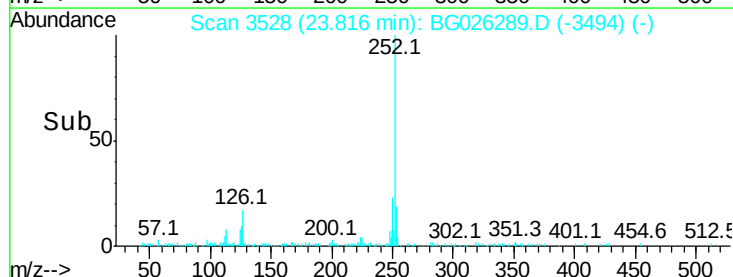
Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.6
125	14.2	9.4	14.0

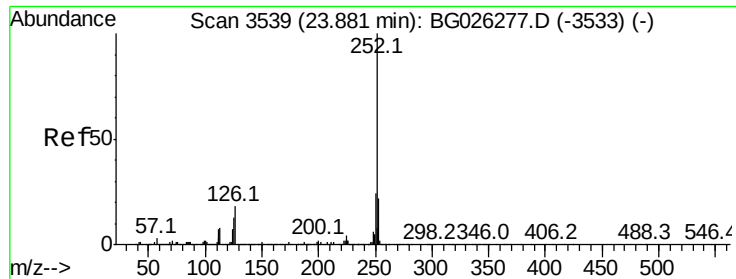


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 2.06 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. -0.06 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Instrument :

BNA_G

ClientSampleId :

CB2Z3

Tot Ion:252 Resp: 64285

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.2

125 14.2 8.8 13.2#

