

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026290.D
 Acq On : 17 Mar 2017 19:57
 Operator : SJ/MA
 Sample : I2218-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB392

Quant Time: Mar 18 00:23:03 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

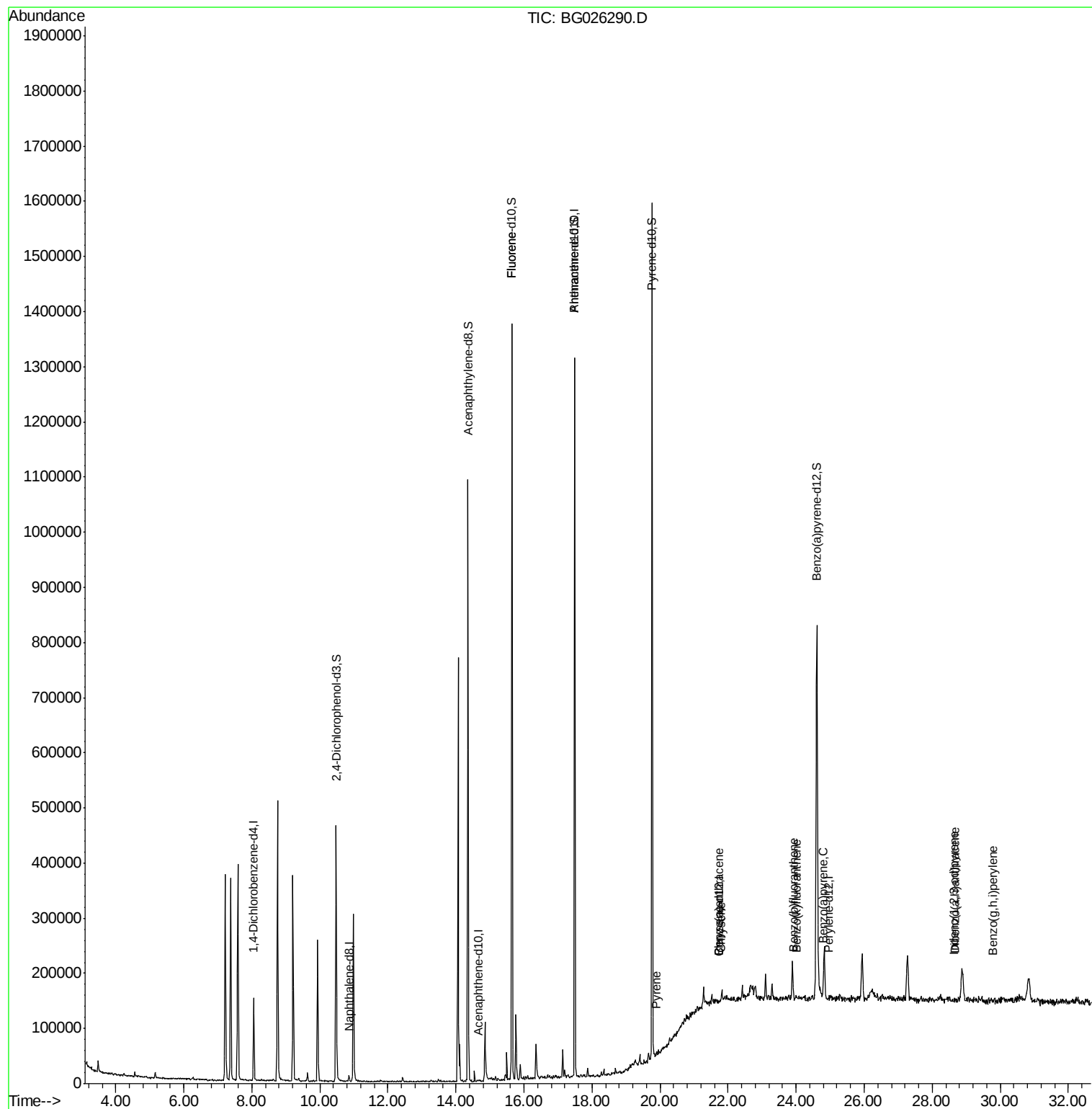
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44769	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	9133	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	396	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	788652	20.00	ng/ul	0.09
18) Chrysene-d12	21.75	240	187	20.00	ng/ul	0.10
23) Perylene-d12	24.95	264	578	20.00	ng/ul	0.12
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	208997	1544.95	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	830713	24603.72	ng/ul	0.00
10) Fluorene-d10	15.65	176	565457	22958.39	ng/ul	0.00
15) Anthracene-d10	17.49	188	788652	22.50	ng/ul	0.00
19) Pyrene-d10	19.77	212	791730	82971.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	709235	28451.29	ng/ul	0.00
Target Compounds				Qvalue		
11) Fluorene	15.64	166	1250	45.43	ng/ul#	1
20) Pyrene	19.89	202	57	4.79	ng/ul#	67
21) Benzo(a)anthracene	21.72	228	289	27.77	ng/ul#	1
22) Chrysene	21.79	228	135	13.90	ng/ul#	1
24) Benzo(b)fluoranthene	23.94	252	373	11.37	ng/ul#	1
25) Benzo(k)fluoranthene	24.02	252	226	7.21	ng/ul#	1
27) Benzo(a)pyrene	24.79	252	583	19.12	ng/ul#	1
28) Indeno(1,2,3-cd)pyrene	28.64	276	62	1.84	ng/ul#	1
29) Dibenzo(a,h)anthracene	28.67	278	69	2.58	ng/ul#	1
30) Benzo(g,h,i)perylene	29.78	276	66	2.29	ng/ul#	1

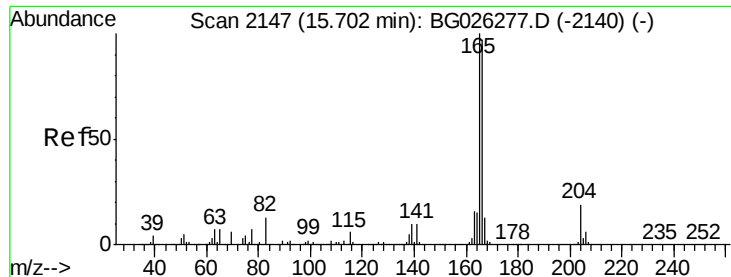
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Fluorene

Concen: 45.43 ng/ul

RT: 15.64 min Scan# 2136

Delta R.T. -0.06 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

CB392

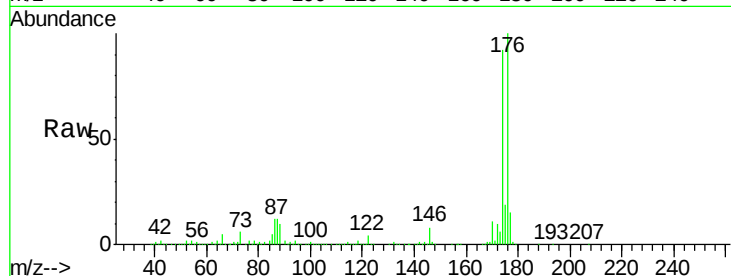
Tgt Ion:166 Resp: 1250

Ion Ratio Lower Upper

166 100

165 0.0 80.0 120.0#

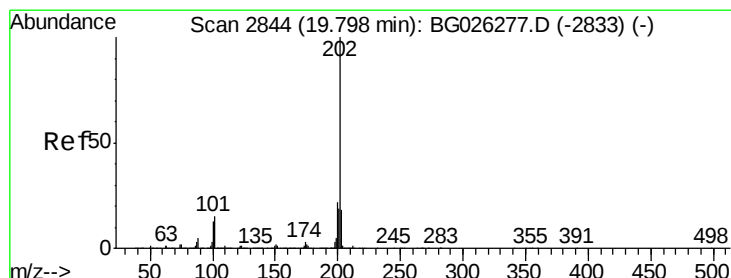
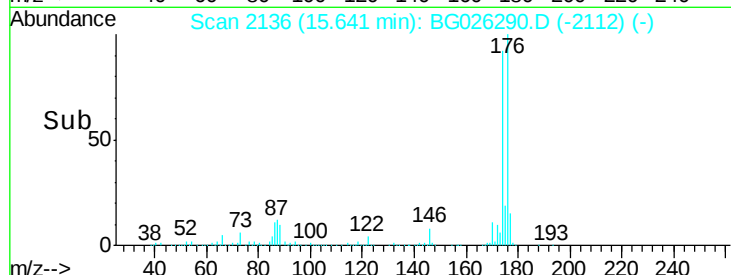
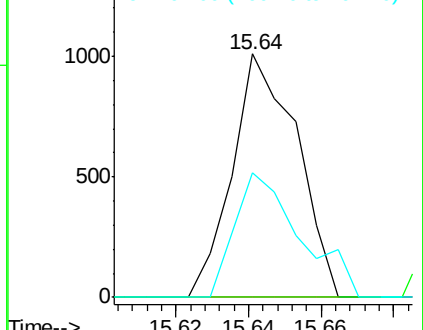
167 51.3 11.6 17.4#



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



#20

Pyrene

Concen: 4.79 ng/ul

RT: 19.89 min Scan# 2860

Delta R.T. 0.10 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

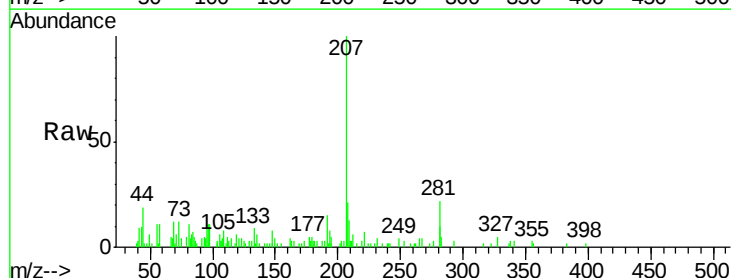
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

101 0.0 11.2 16.8#

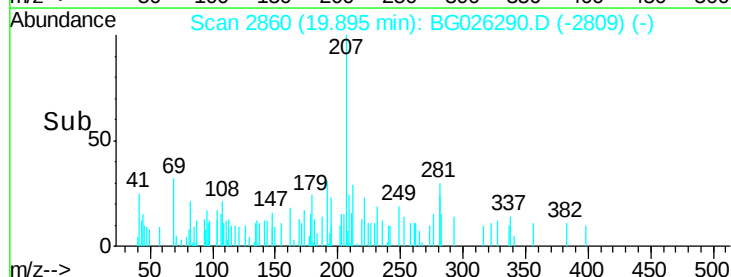
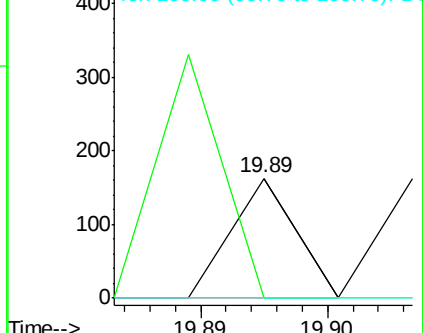
100 0.0 9.8 14.6#

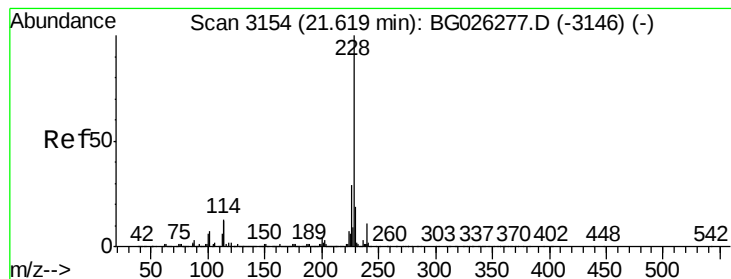


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 27.77 ng/ul

RT: 21.72 min Scan# 3171

Delta R.T. 0.10 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

Instrument :

BNA_G

ClientSampled :

CB392

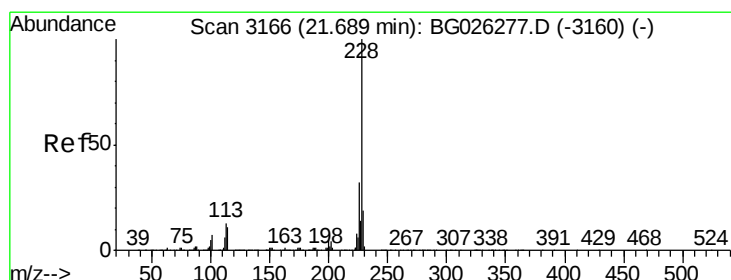
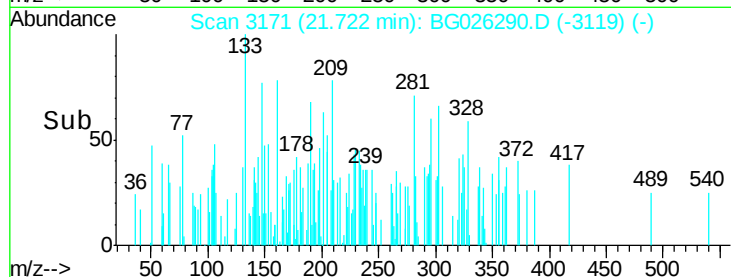
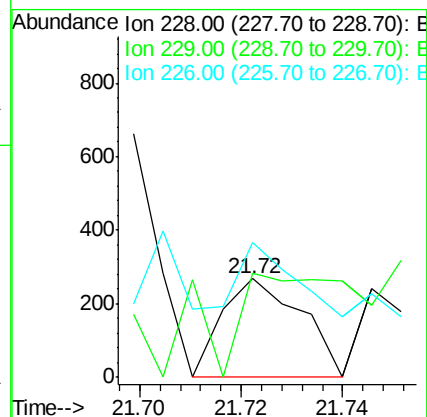
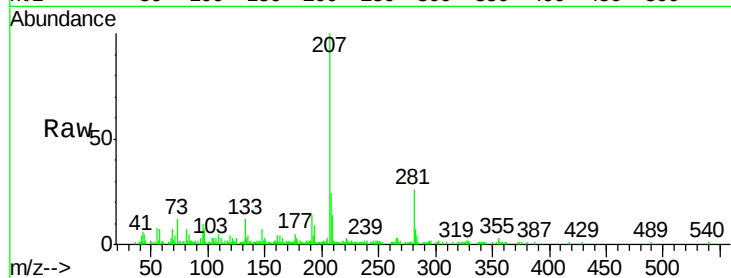
Tgt Ion:228 Resp: 289

Ion Ratio Lower Upper

228 100

229 106.0 15.9 23.9#

226 136.6 22.1 33.1#



#22

Chrysene

Concen: 13.90 ng/ul

RT: 21.79 min Scan# 3183

Delta R.T. 0.10 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

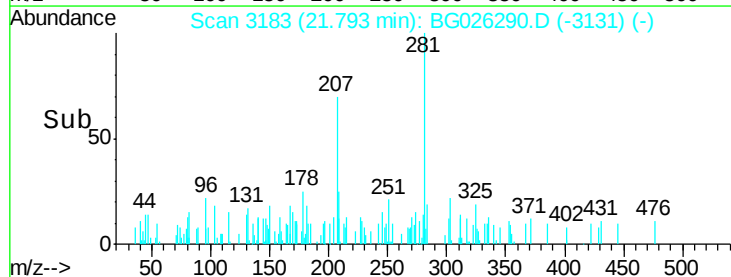
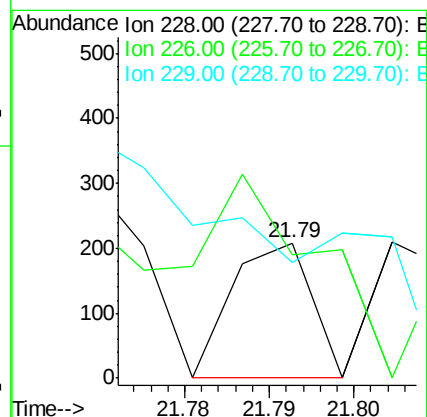
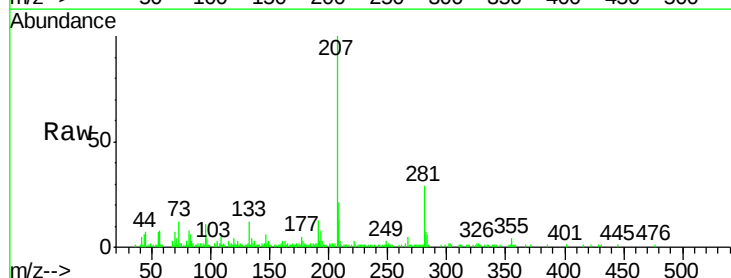
Tgt Ion:228 Resp: 135

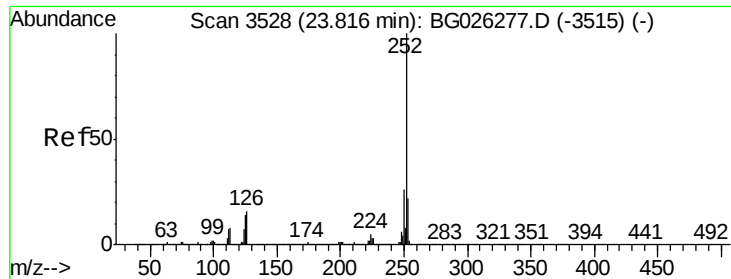
Ion Ratio Lower Upper

228 100

226 91.8 25.0 37.6#

229 86.1 16.6 25.0#





#24

Benzo(b)fluoranthene

Concen: 11.37 ng/ul

RT: 23.94 min Scan# 3548

Delta R.T. 0.12 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

Instrument :

BNA_G

ClientSampleId :

CB392

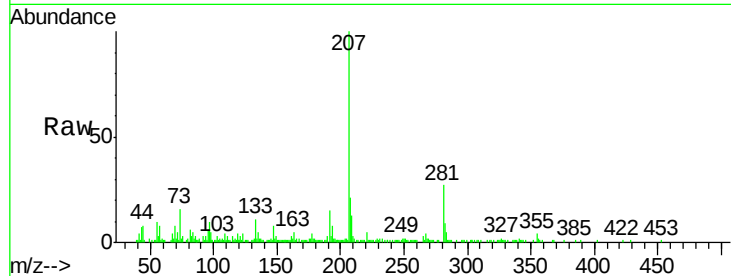
Tgt Ion:252 Resp: 373

Ion Ratio Lower Upper

252 100

253 63.3 17.8 26.6#

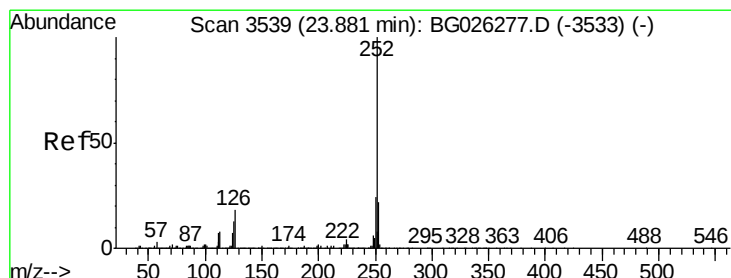
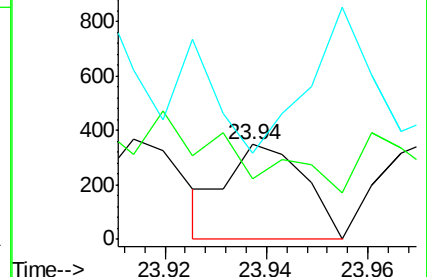
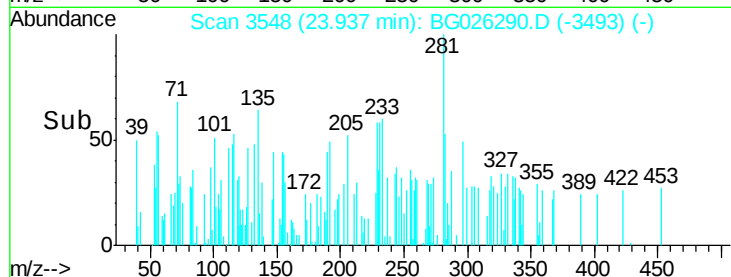
125 90.3 9.4 14.0#



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: 7.21 ng/ul

RT: 24.02 min Scan# 3562

Delta R.T. 0.14 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

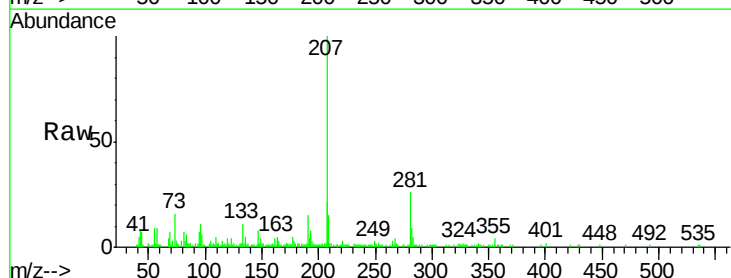
Tgt Ion:252 Resp: 226

Ion Ratio Lower Upper

252 100

253 58.6 17.4 26.2#

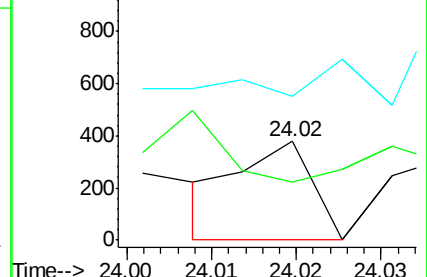
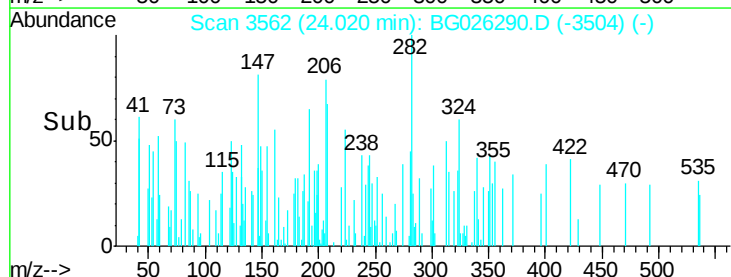
125 145.6 8.8 13.2#

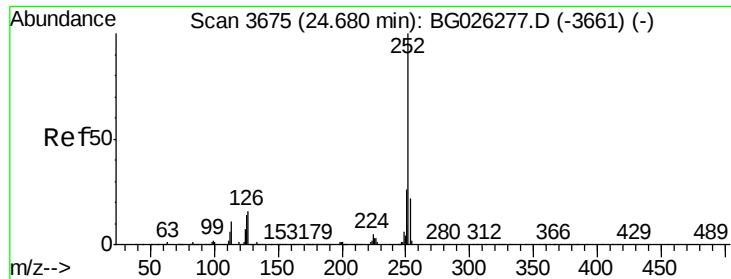


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 19.12 ng/ul

RT: 24.79 min Scan# 3693

Delta R.T. 0.11 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

Instrument :

BNA_G

ClientSampled :

CB392

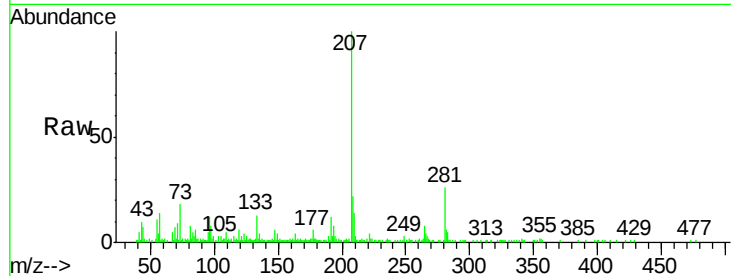
Tgt Ion:252 Resp: 583

Ion Ratio Lower Upper

252 100

253 72.2 17.1 25.7#

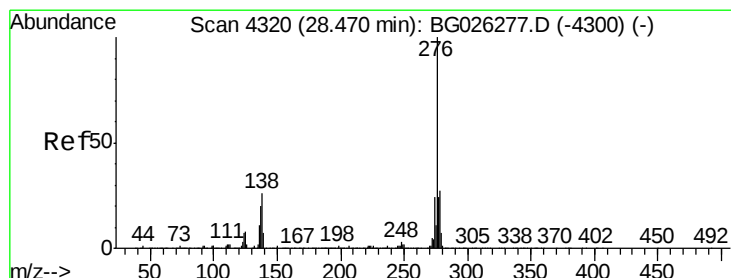
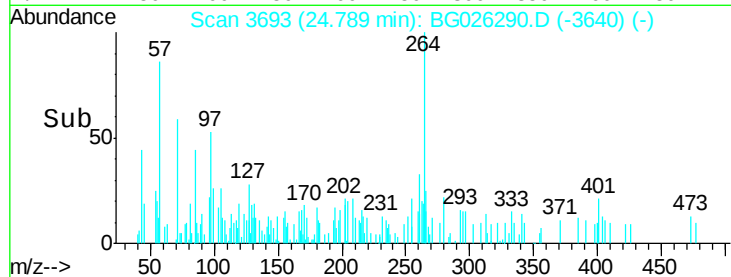
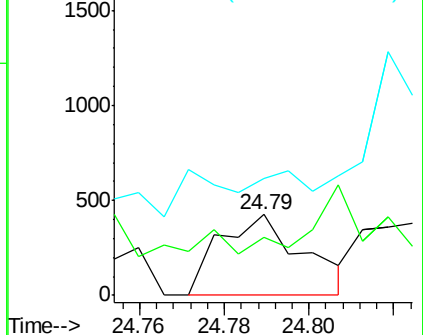
125 145.4 9.4 14.2#



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



#28

Indeno(1,2,3-cd)pyrene

Concen: 1.84 ng/ul

RT: 28.64 min Scan# 4348

Delta R.T. 0.17 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

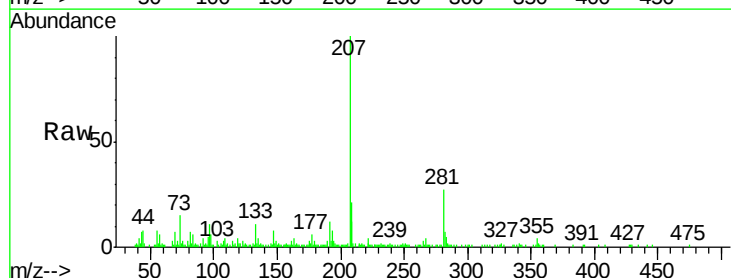
Tgt Ion:276 Resp: 62

Ion Ratio Lower Upper

276 100

138 114.9 17.8 26.6#

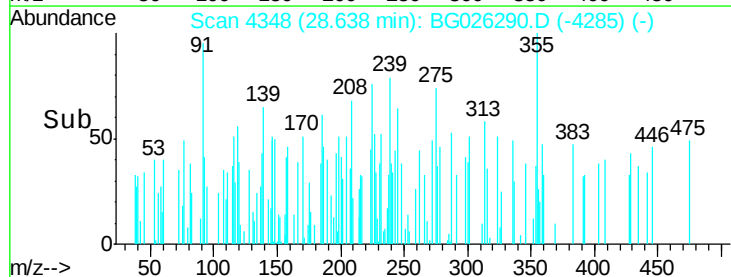
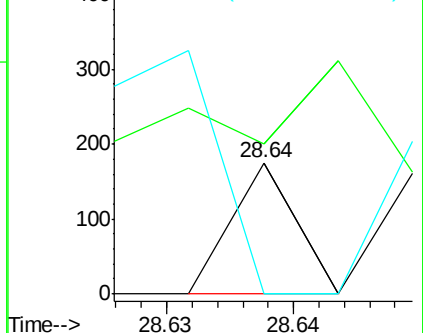
277 0.0 19.4 29.0#

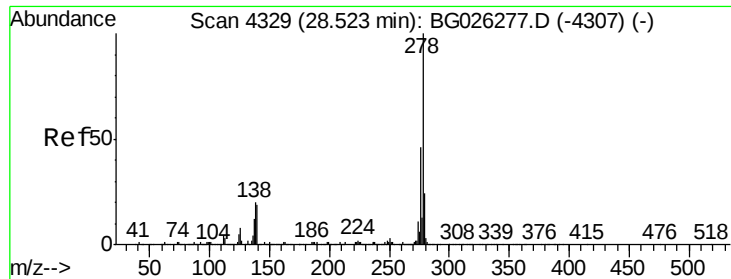


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Dibenzo(a,h)anthracene

Concen: 2.58 ng/ul

RT: 28.67 min Scan# 4354

Delta R.T. 0.15 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

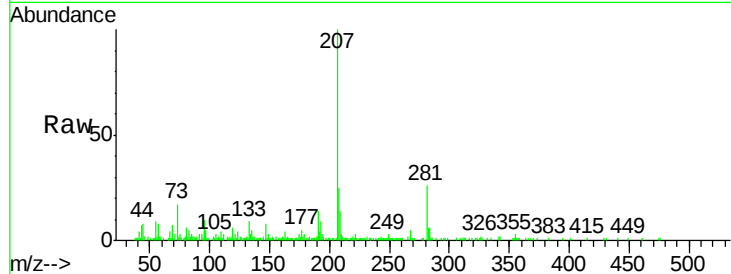
Instrument :

BNA_G

ClientSampleId :

CB392

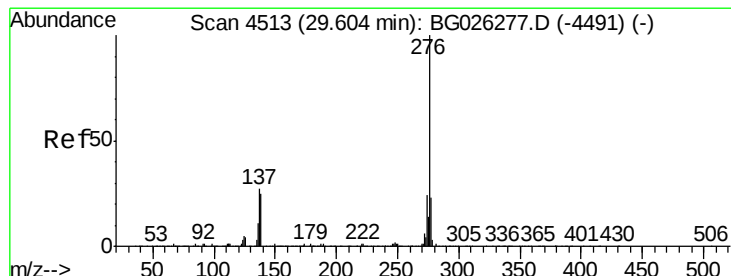
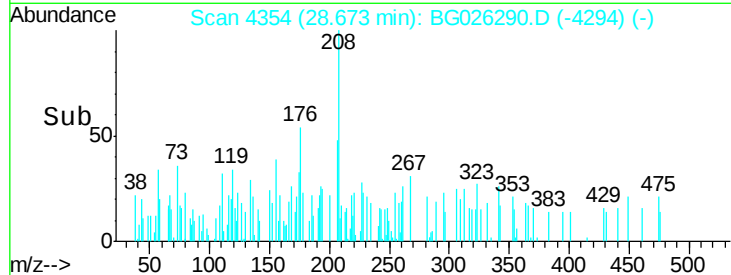
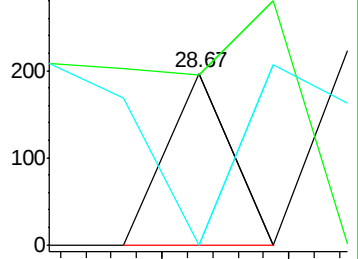
Tgt Ion:	278	Resp:	69
Ion	Ratio	Lower	Upper
278	100		
139	99.0	14.0	21.0#
279	0.0	20.6	31.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 2.29 ng/ul

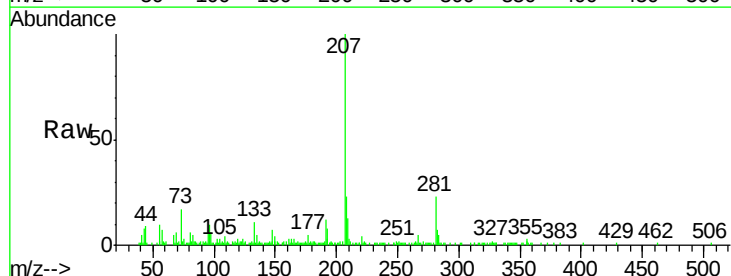
RT: 29.78 min Scan# 4543

Delta R.T. 0.18 min

Lab File: BG026290.D

Acq: 17 Mar 2017 19:57

Tgt Ion:	276	Resp:	66
Ion	Ratio	Lower	Upper
276	100		
138	100.0	19.0	28.4#
277	146.2	19.7	29.5#



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

