

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026228.D
 Acq On : 14 Mar 2017 1:42
 Operator : SJ/MA
 Sample : I2217-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y8

Quant Time: Mar 15 06:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 06:53:58 2017
 Response via : Initial Calibration

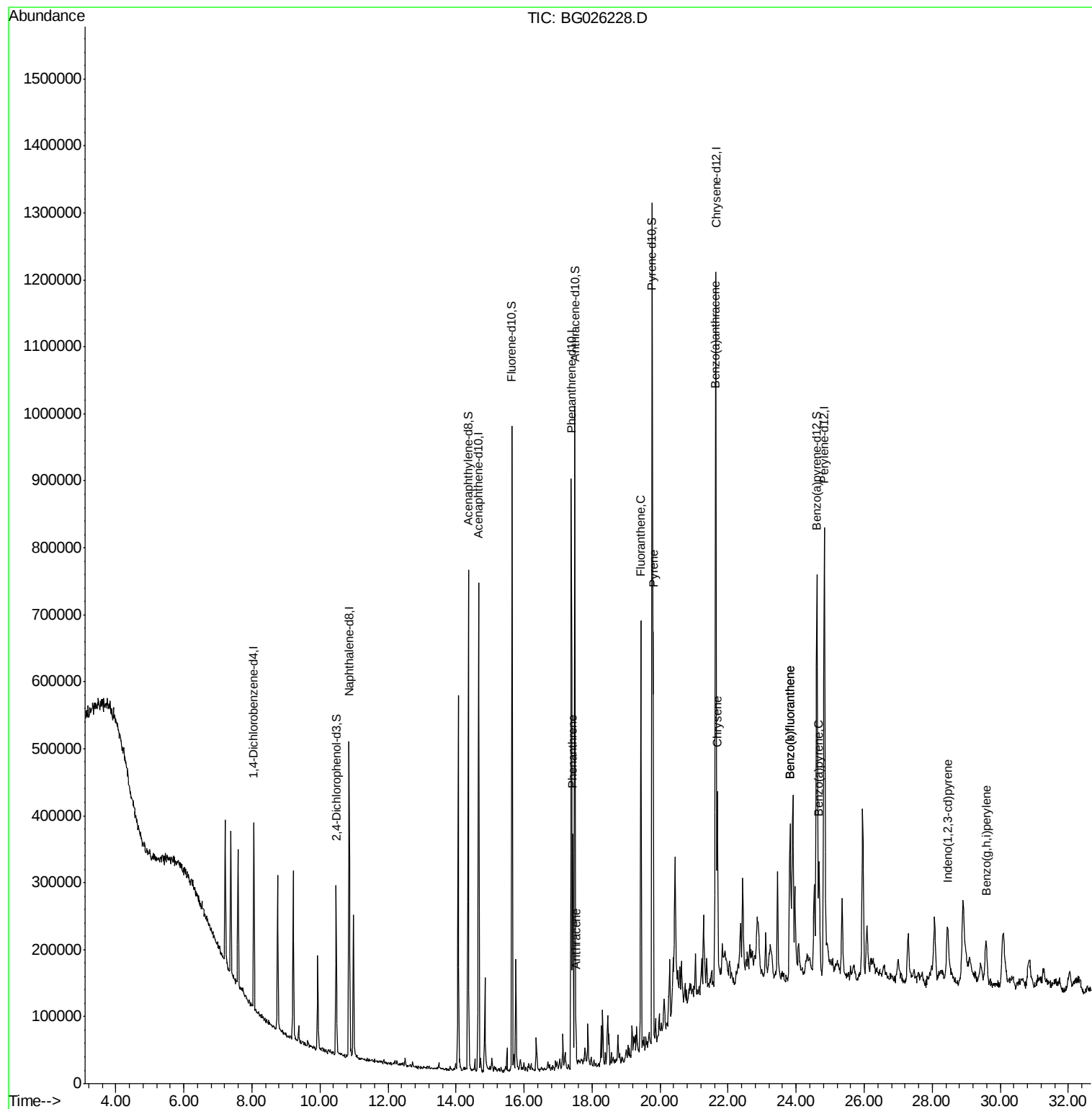
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	80939	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	407959	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	243122	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	546663	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	578646	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	553769	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	103371	17.11	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	549647	26.52	ng/ul	0.00
10) Fluorene-d10	15.65	176	388499	25.69	ng/ul	0.00
15) Anthracene-d10	17.49	188	553436	22.78	ng/ul	0.00
19) Pyrene-d10	19.76	212	597385	20.23	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	565172	23.66	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	220296	7.60	ng/ul	97
16) Anthracene	17.53	178	37938	1.30	ng/ul	98
17) Fluoranthene	19.44	202	389076	12.94	ng/ul	98
20) Pyrene	19.79	202	349679	9.49	ng/ul	99
21) Benzo(a)anthracene	21.62	228	201635	6.26	ng/ul	98
22) Chrysene	21.68	228	197097	6.56	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	259624	8.26	ng/ul	94
25) Benzo(k)fluoranthene	23.82	252	259624	8.65	ng/ul#	94
27) Benzo(a)pyrene	24.67	252	167022	5.72	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.44	276	128653	3.95	ng/ul	92
30) Benzo(g,h,i)perylene	29.59	276	118339	4.26	ng/ul	94

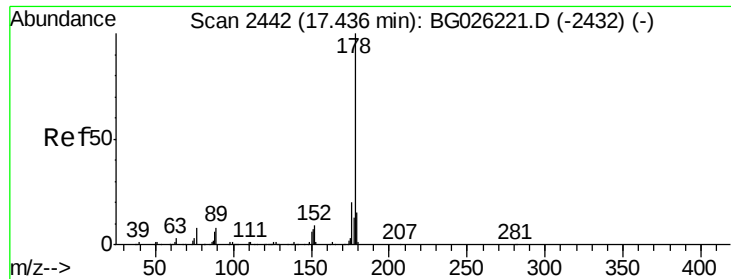
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 7.60 ng/ul

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

Instrument :

BNA_G

ClientSampleId :

CB2Y8

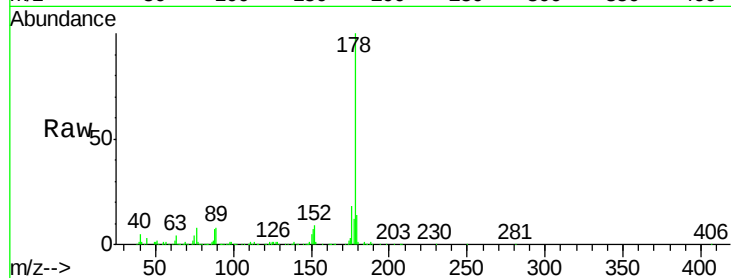
Tgt Ion:178 Resp: 220296

Ion Ratio Lower Upper

178 100

179 14.4 12.2 18.4

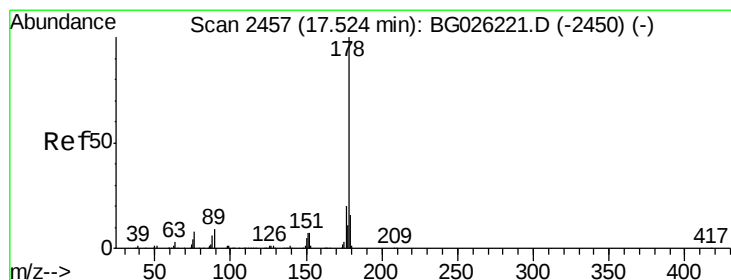
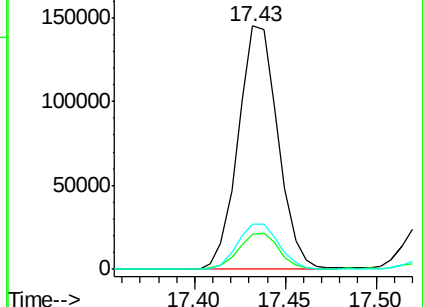
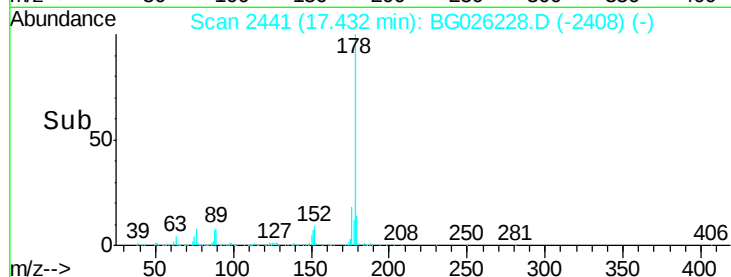
176 18.4 16.4 24.6



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



#16

Anthracene

Concen: 1.30 ng/ul

RT: 17.53 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

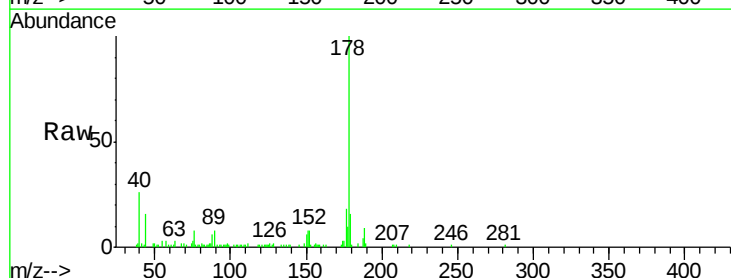
Tgt Ion:178 Resp: 37938

Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

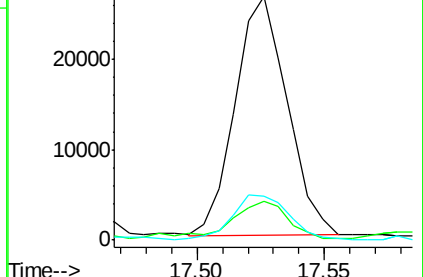
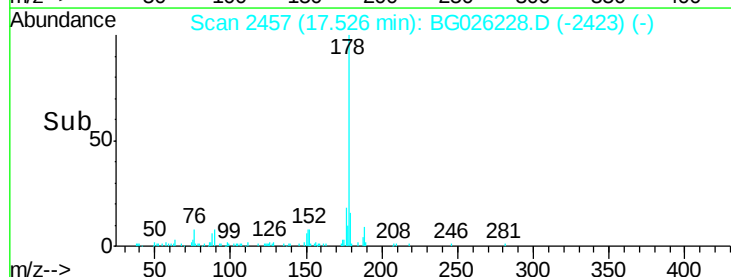
176 18.2 15.8 23.8

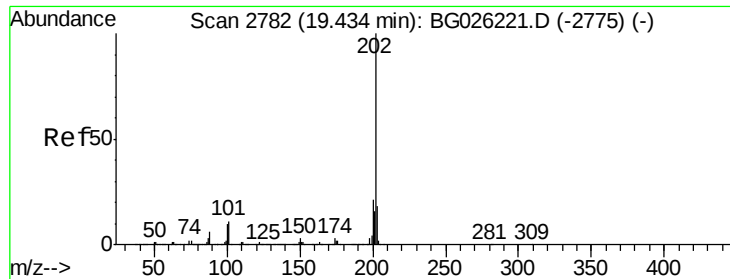


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

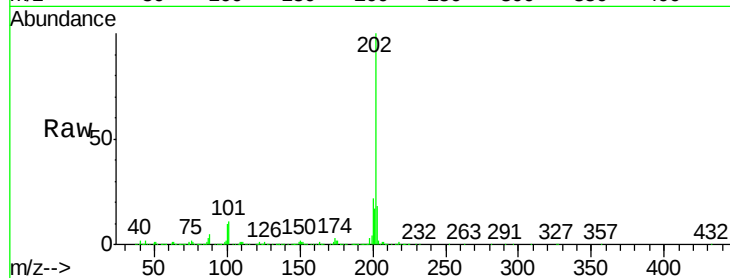




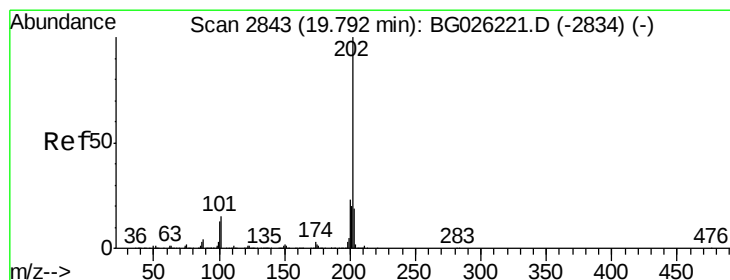
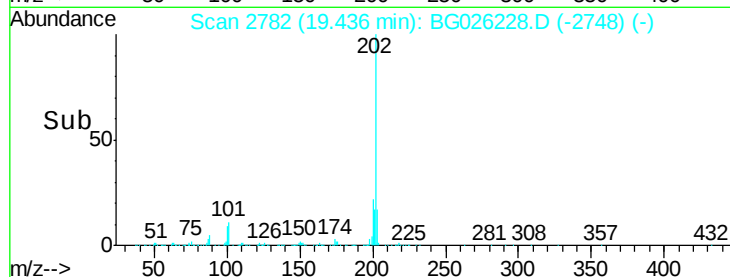
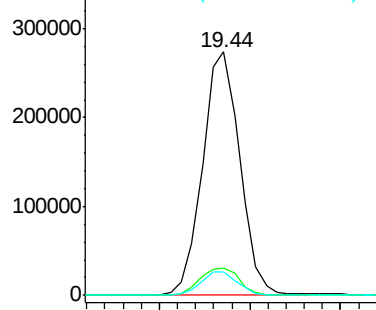
#17
Fluoranthene
Concen: 12.94 ng/ul
RT: 19.44 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026228.D
Acq: 14 Mar 2017 1:42

Instrument :
BNA_G
ClientSampleId :
CB2Y8

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
100	9.6	7.5	11.3

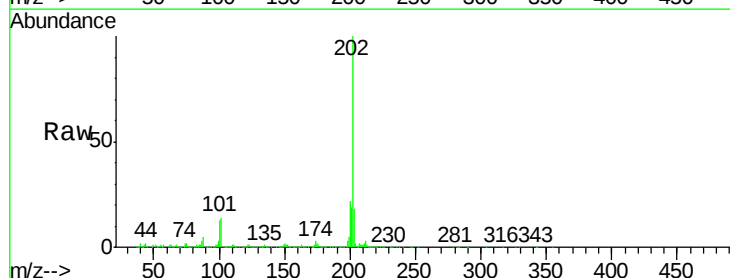


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

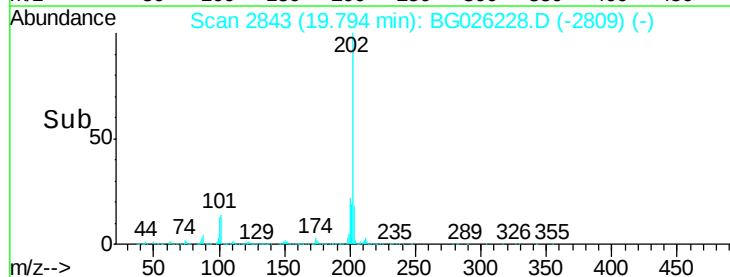
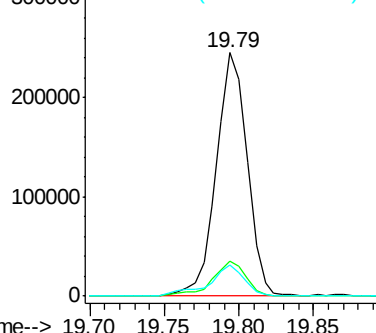


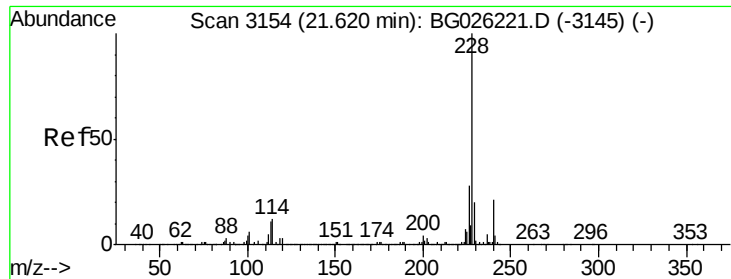
#20
Pyrene
Concen: 9.49 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026228.D
Acq: 14 Mar 2017 1:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.2	16.8
100	13.0	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

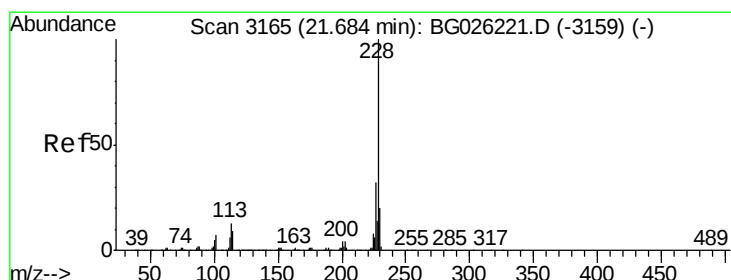
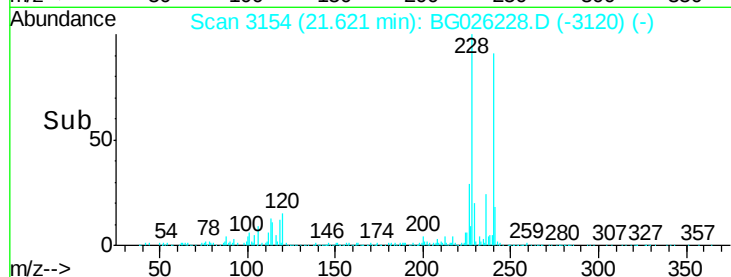
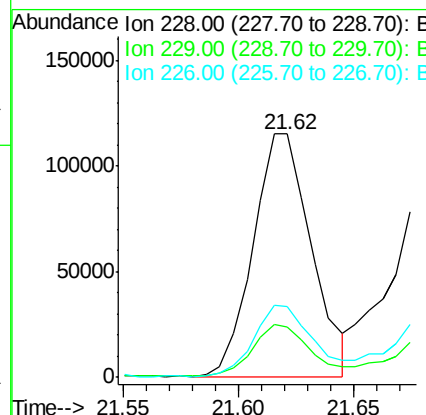
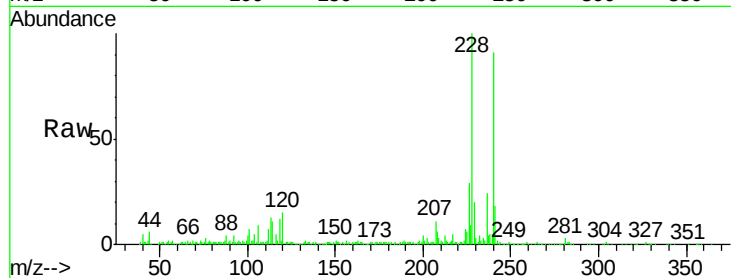




#21
Benzo(a)anthracene
Concen: 6.26 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026228.D
Acq: 14 Mar 2017 1:42

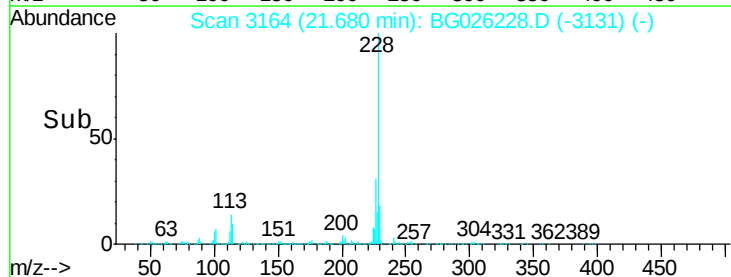
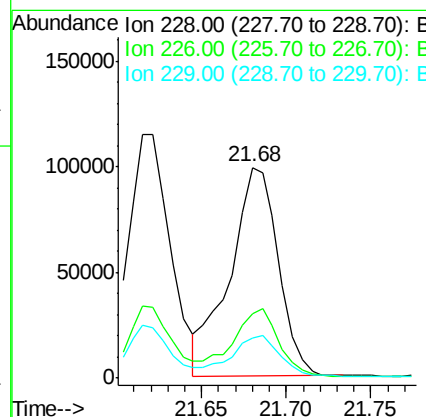
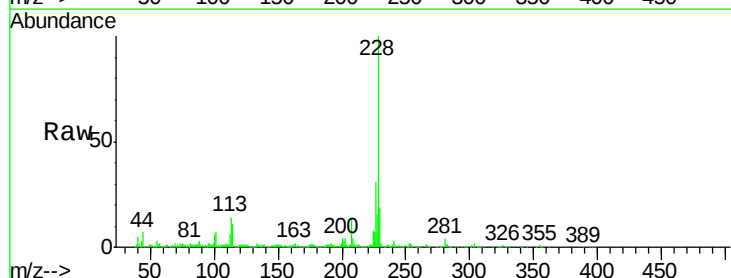
Instrument :
BNA_G
ClientSampleId :
CB2Y8

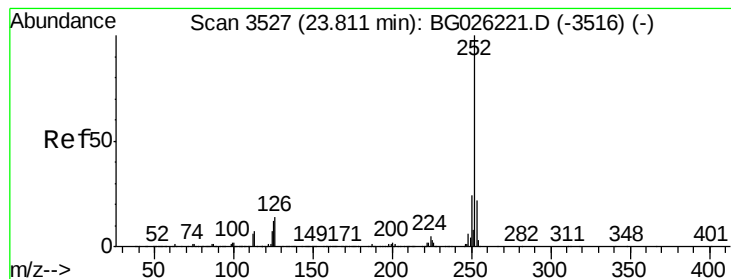
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	29.3	22.1	33.1



#22
Chrysene
Concen: 6.56 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG026228.D
Acq: 14 Mar 2017 1:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.0	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 8.26 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. 0.01 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

Instrument :

BNA_G

ClientSampleId :

CB2Y8

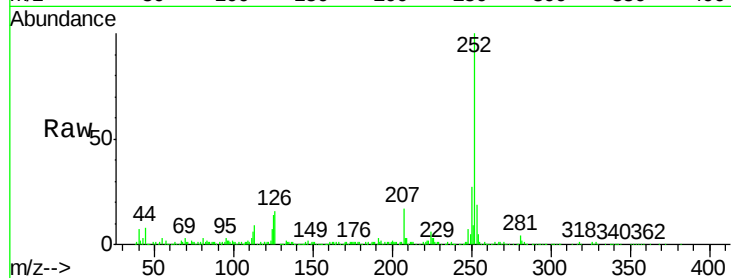
Tgt Ion:252 Resp: 259624

Ion Ratio Lower Upper

252 100

253 19.1 17.8 26.6

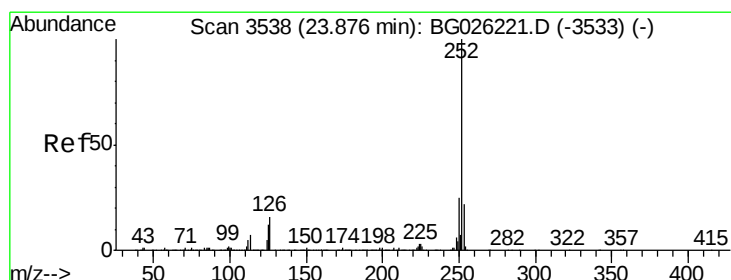
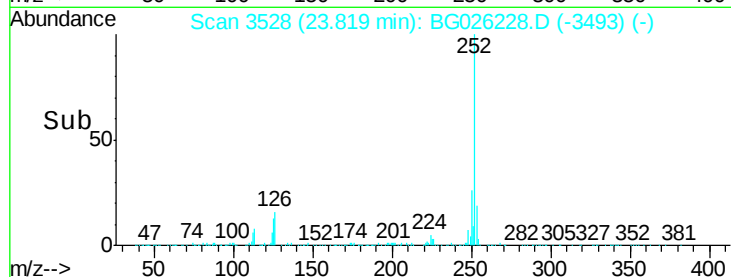
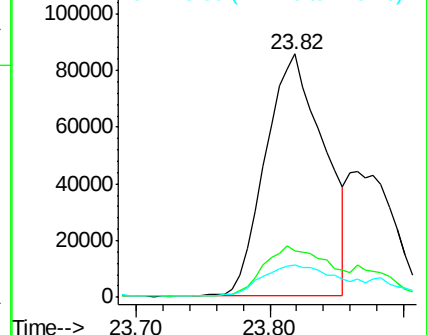
125 13.5 9.4 14.0



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: 8.65 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. -0.06 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

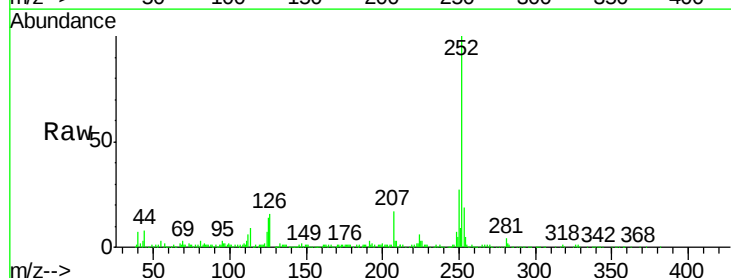
Tgt Ion:252 Resp: 259624

Ion Ratio Lower Upper

252 100

253 19.1 17.4 26.2

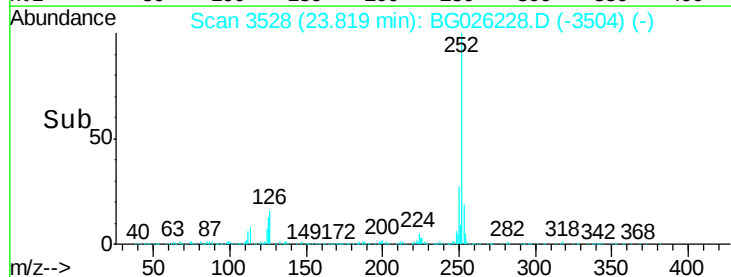
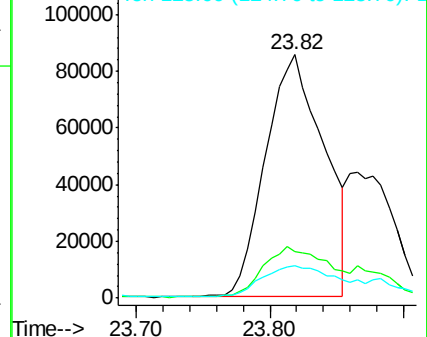
125 13.5 8.8 13.2#

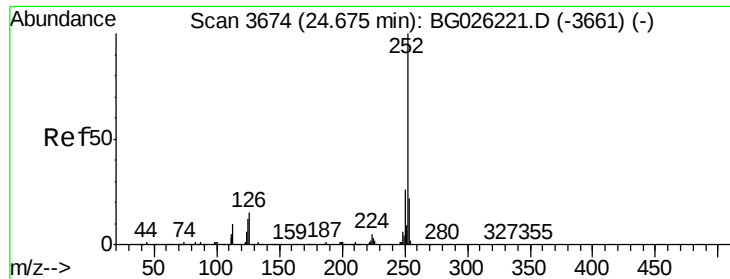


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Benzo(a)pyrene

Concen: 5.72 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

Instrument :

BNA_G

ClientSampleId :

CB2Y8

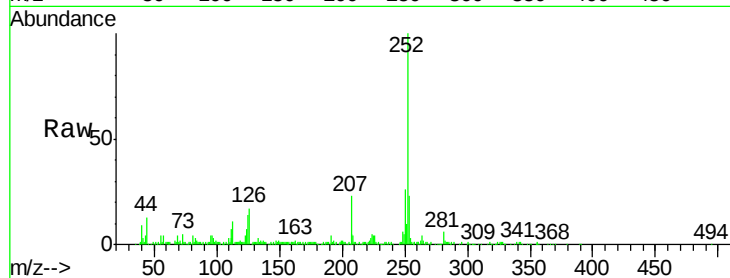
Tgt Ion:252 Resp: 167022

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

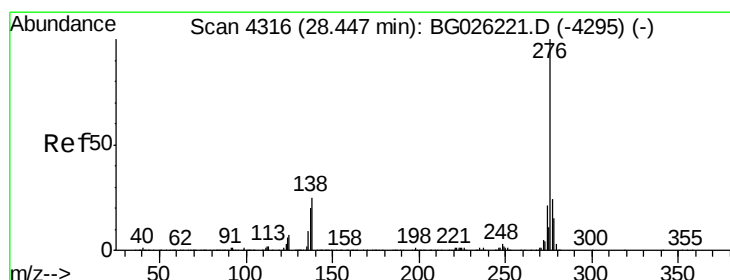
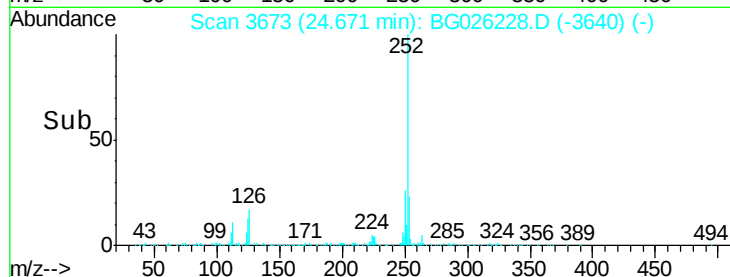
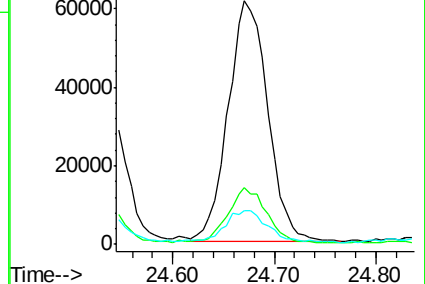
125 14.0 9.4 14.2



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: 3.95 ng/ul

RT: 28.44 min Scan# 4315

Delta R.T. -0.00 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

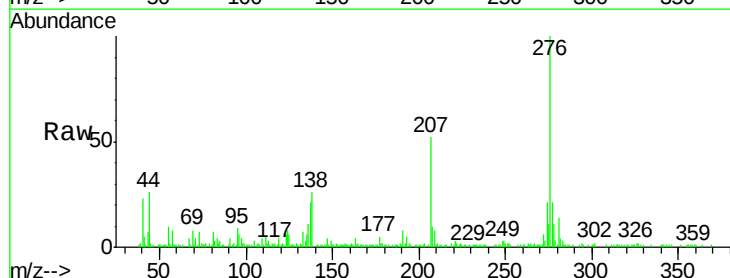
Tgt Ion:276 Resp: 128653

Ion Ratio Lower Upper

276 100

138 26.4 17.8 26.6

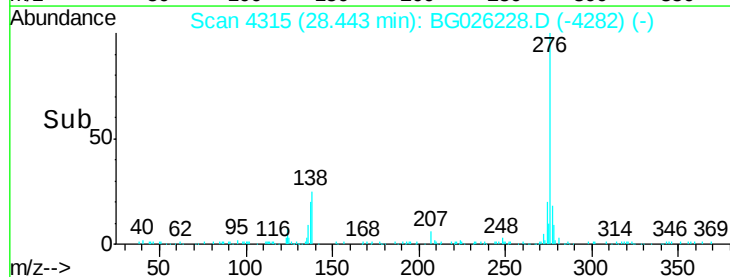
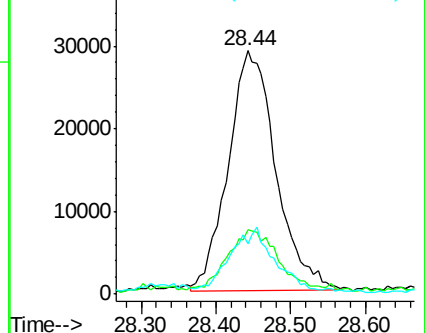
277 20.5 19.4 29.0

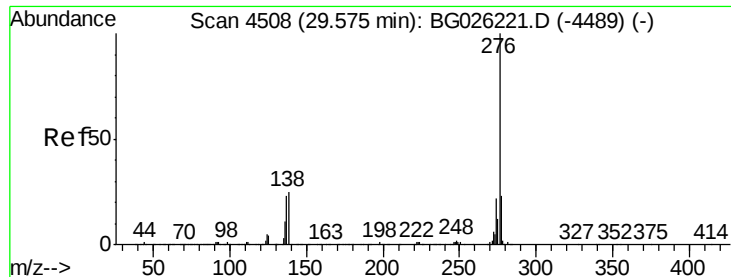


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#30

Benzo(g,h,i)perylene

Concen: 4.26 ng/ul

RT: 29.59 min Scan# 4510

Delta R.T. 0.01 min

Lab File: BG026228.D

Acq: 14 Mar 2017 1:42

Instrument :

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CB2Y8

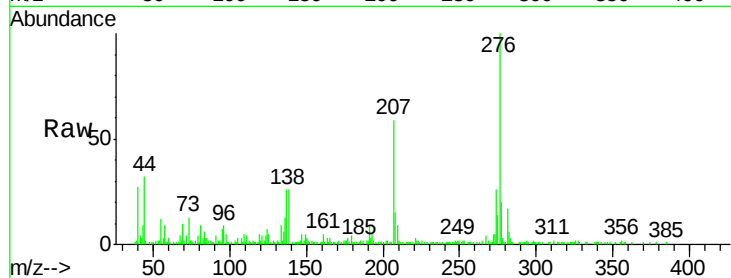
Tgt Ion: 276 Resp: 118339

Ion Ratio Lower Upper

276 100

138 25.8 19.0 28.4

277 20.4 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

