

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
 Data File : BG026317.D
 Acq On : 18 Mar 2017 14:17
 Operator : SJ/MA
 Sample : I2283-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB387

Quant Time: Mar 20 03:25:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

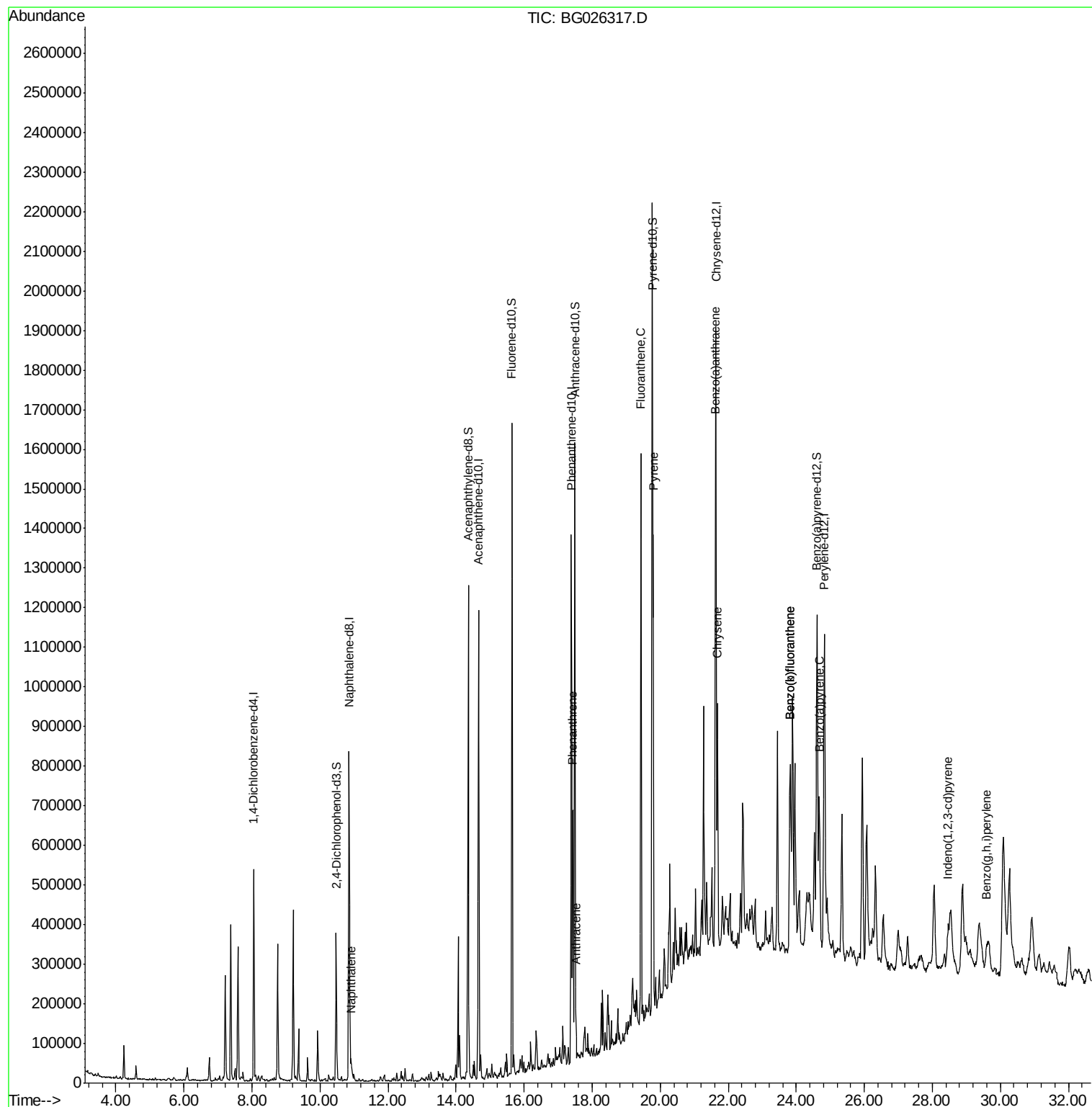
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	165198	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	772188	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	419900	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	827816	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	838947	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	784083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	163966	14.34	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	992866	27.73	ng/ul	0.00
10) Fluorene-d10	15.64	176	681346	26.09	ng/ul	0.00
15) Anthracene-d10	17.49	188	925103	25.15	ng/ul	0.00
19) Pyrene-d10	19.77	212	959786	22.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	882703	26.10	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.90	128	47429	1.26	ng/ul	99
14) Phenanthrene	17.44	178	421791	9.61	ng/ul	99
16) Anthracene	17.52	178	79887	1.80	ng/ul	98
17) Fluoranthene	19.43	202	875299	19.22	ng/ul	99
20) Pyrene	19.80	202	745926	13.97	ng/ul	98
21) Benzo(a)anthracene	21.62	228	456069	9.77	ng/ul	98
22) Chrysene	21.68	228	424794	9.75	ng/ul	100
24) Benzo(b)fluoranthene	23.82	252	585681	13.16	ng/ul	99
25) Benzo(k)fluoranthene	23.82	252	585681	13.78	ng/ul	98
27) Benzo(a)pyrene	24.67	252	381501	9.22	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.46	276	207176	4.54	ng/ul	97
30) Benzo(a,h,i)perylene	29.59	276	153910	3.94	ng/ul	95

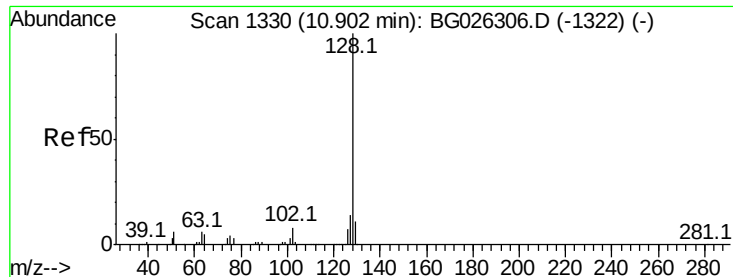
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026317.D
Acq On : 18 Mar 2017 14:17
Operator : SJ/MA
Sample : I2283-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB387

Quant Time: Mar 20 03:25:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 03:22:51 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 1.26 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

ClientSampleId :

CB387

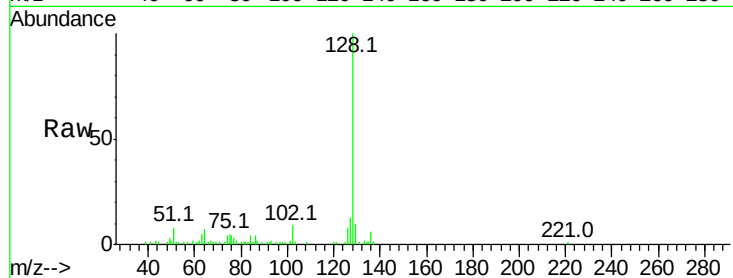
Tot Ion:128 Resp: 47429

Ion Ratio Lower Upper

128 100

129 10.3 9.1 13.7

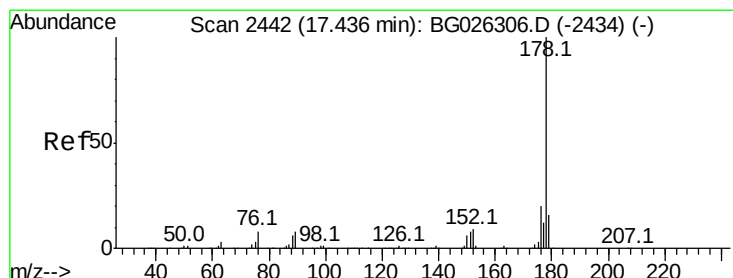
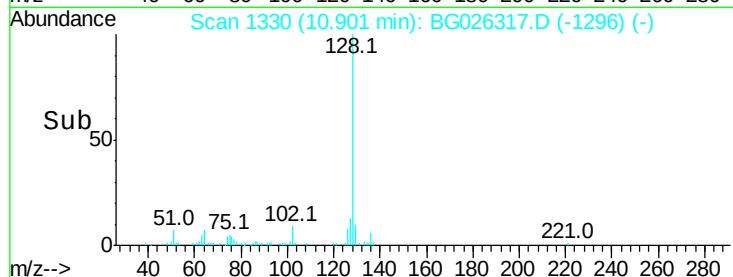
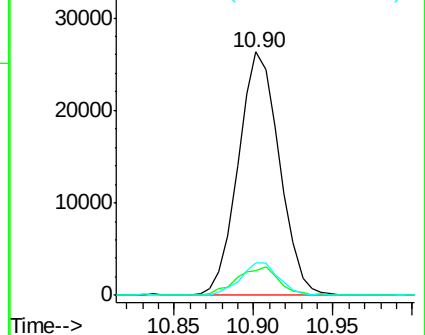
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#14

Phenanthrene

Concen: 9.61 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

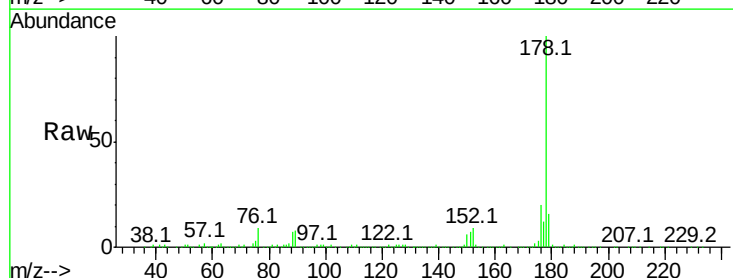
Tgt Ion:178 Resp: 421791

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

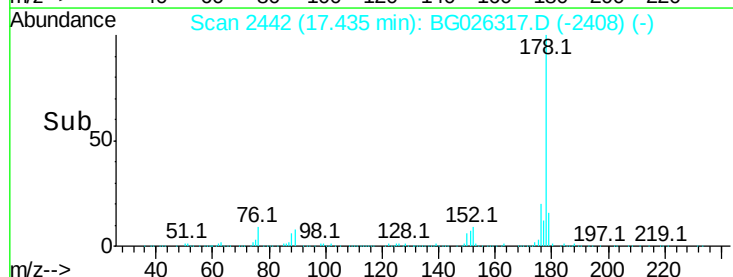
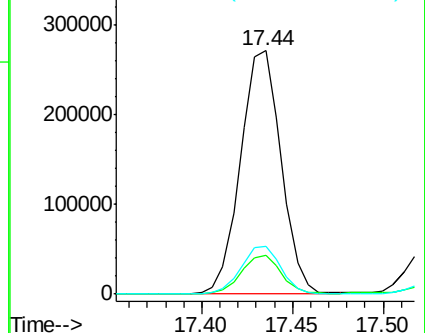
176 19.9 16.4 24.6

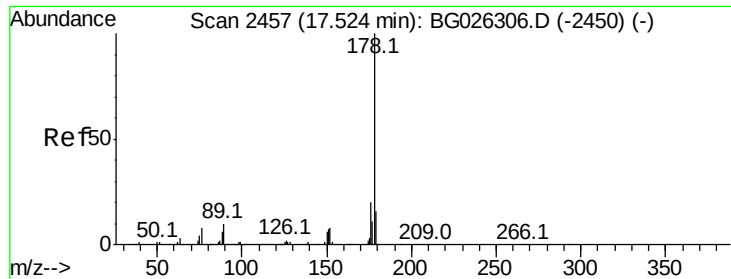


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

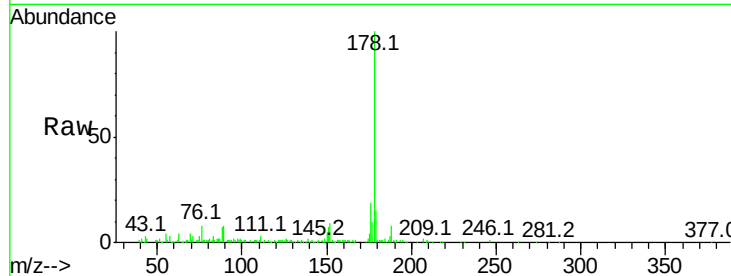




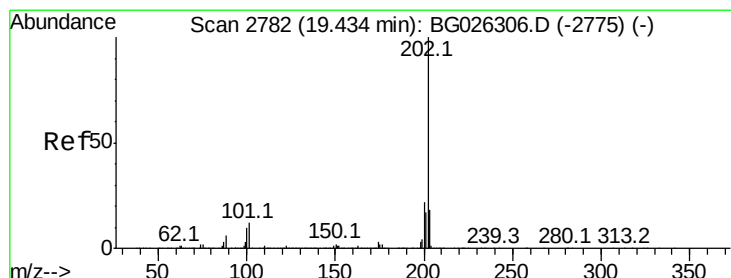
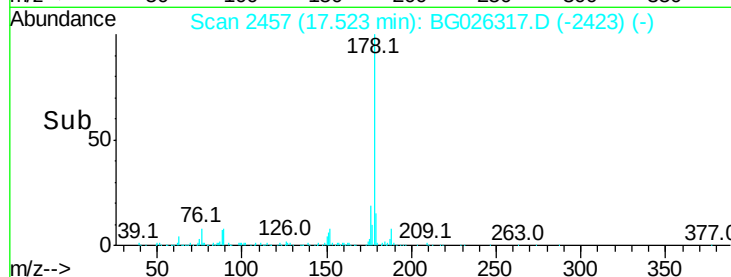
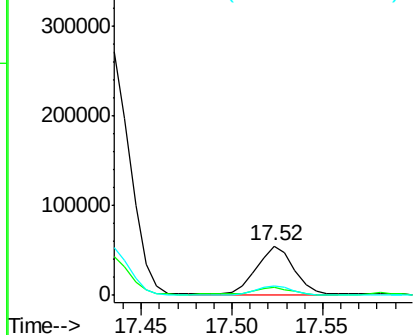
#16
 Anthracene
 Concen: 1.80 ng/ul
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG026317.D
 Acq: 18 Mar 2017 14:17

Instrument :
 BNA_G
 ClientSampleId :
 CB387

Tot Ion:178 Resp: 79887
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.7 19.1
 176 18.6 15.8 23.8

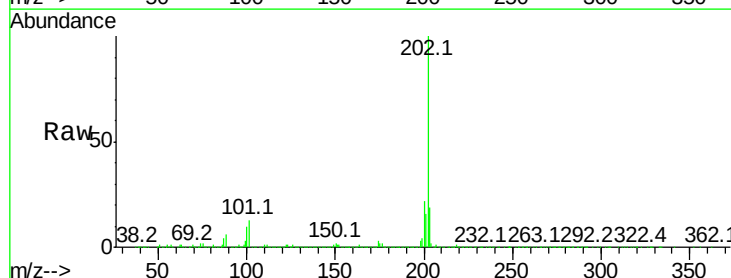


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

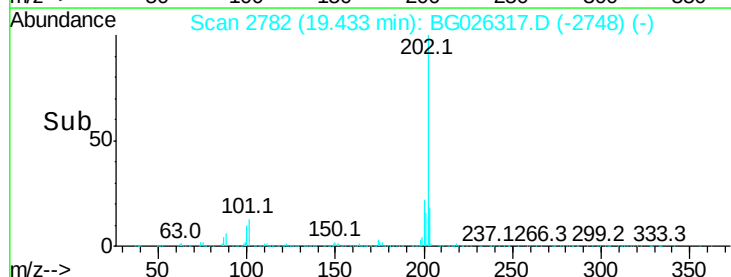
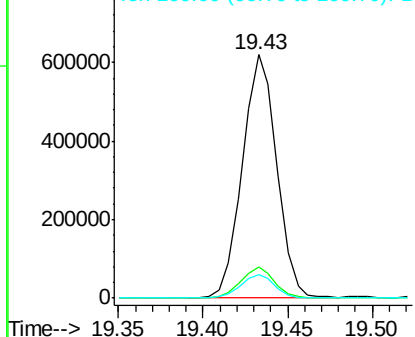


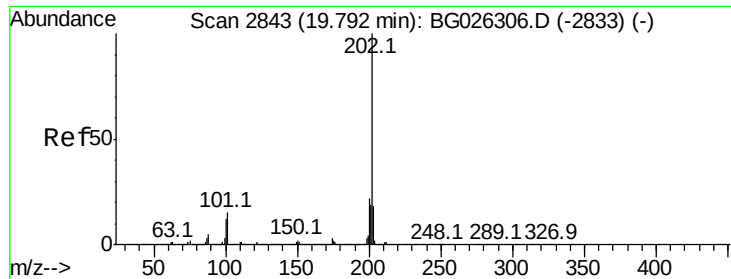
#17
 Fluoranthene
 Concen: 19.22 ng/ul
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG026317.D
 Acq: 18 Mar 2017 14:17

Tgt Ion:202 Resp: 875299
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.8 14.8
 100 9.7 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

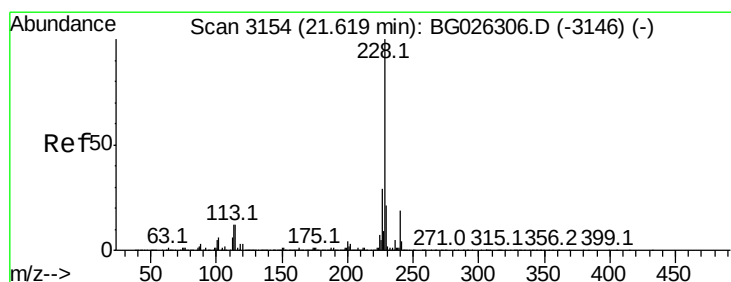
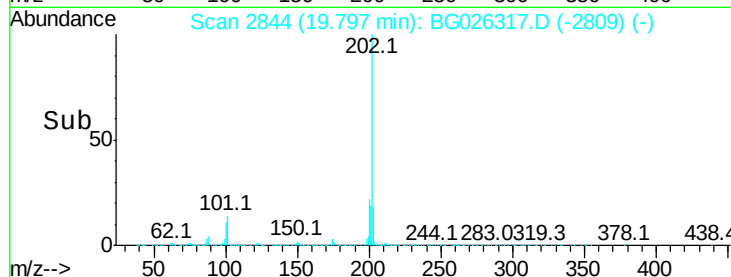
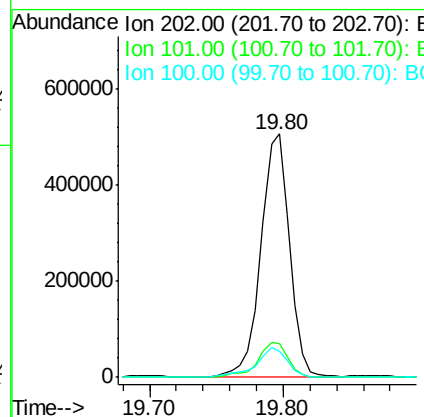
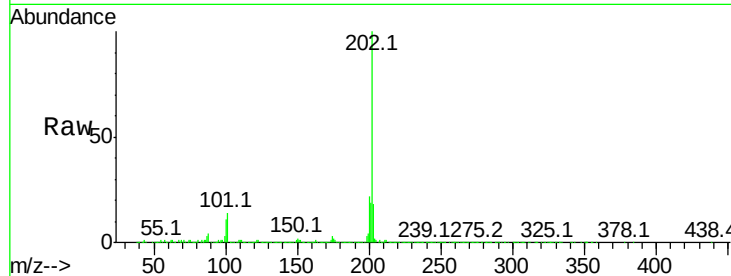




#20
Pvrene
Concen: 13.97 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026317.D
Acq: 18 Mar 2017 14:17

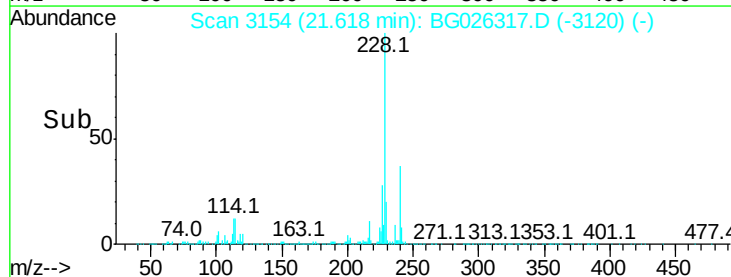
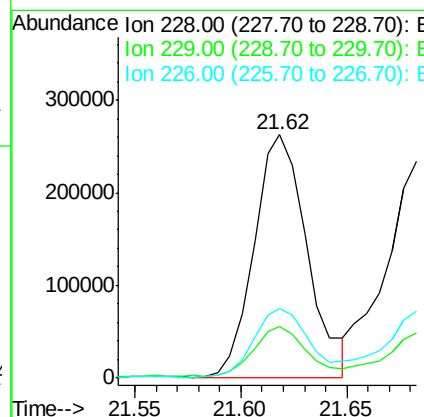
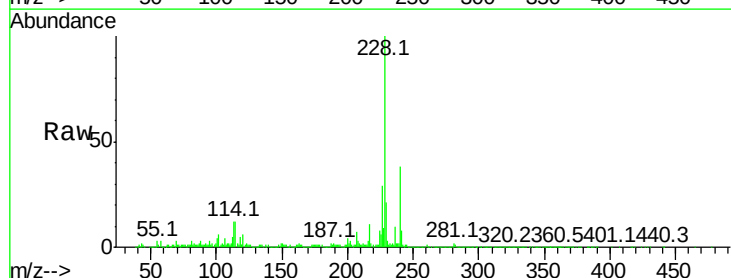
Instrument :
BNA_G
ClientSampleId :
CB387

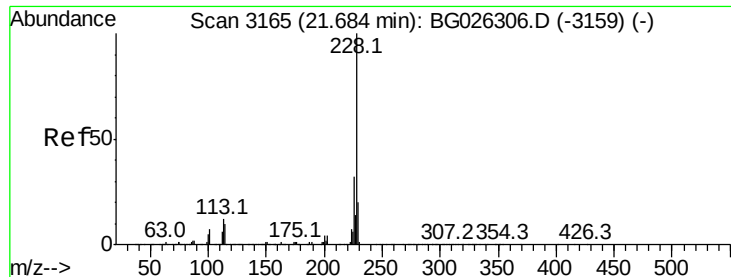
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.2	16.8
100	10.8	9.8	14.6



#21
Benzo(a)anthracene
Concen: 9.77 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026317.D
Acq: 18 Mar 2017 14:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	28.5	22.1	33.1





#22

Chrysene

Concen: 9.75 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

ClientSampleId :

CB387

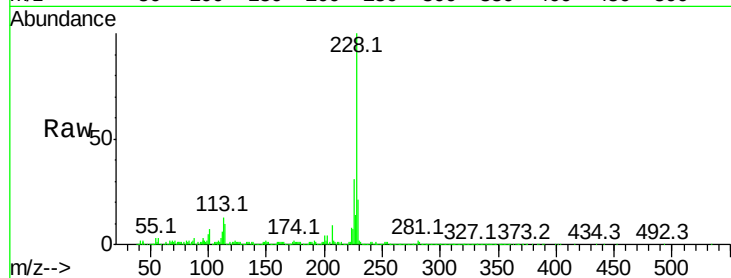
Tot Ion:228 Resp: 424794

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

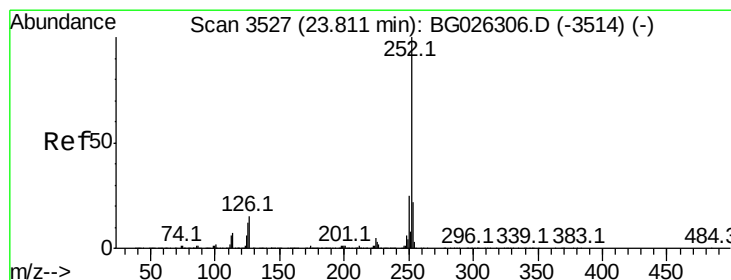
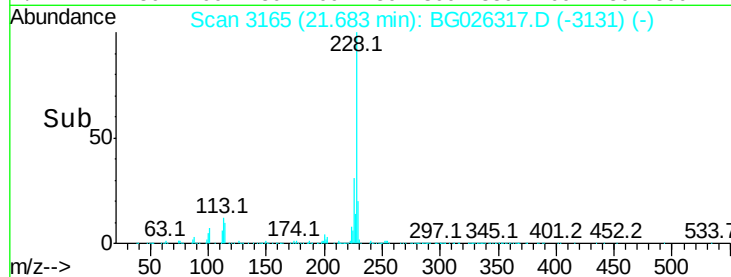
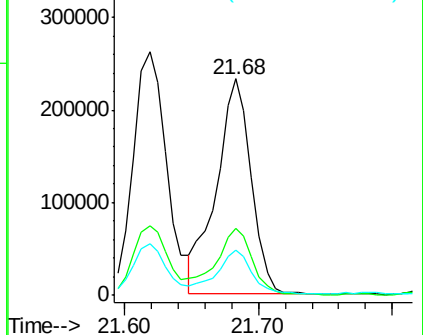
229 20.8 16.6 25.0



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: 13.16 ng/ul

RT: 23.82 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

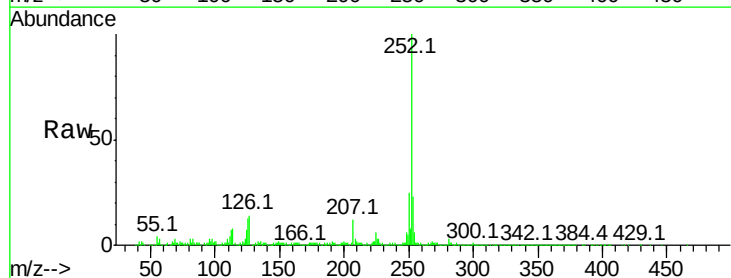
Tgt Ion:252 Resp: 585681

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

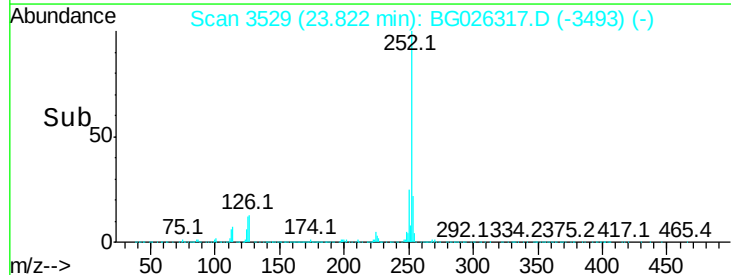
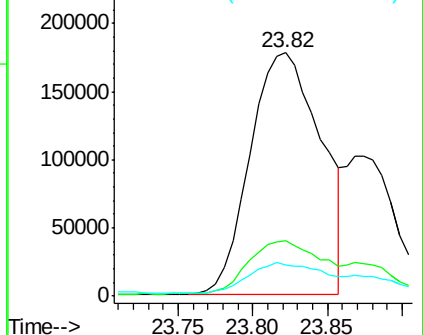
125 12.7 9.4 14.0

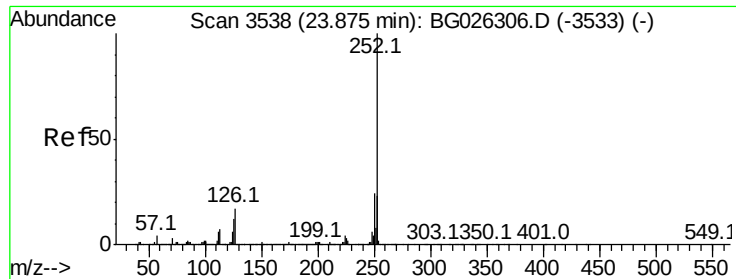


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 13.78 ng/ul

RT: 23.82 min Scan# 3529

Delta R.T. -0.05 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

ClientSampleId :

CB387

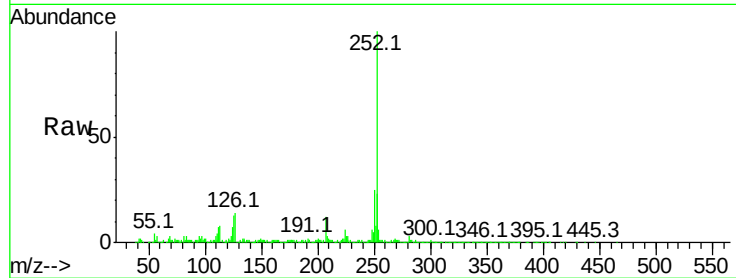
Tot Ion:252 Resp: 585681

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

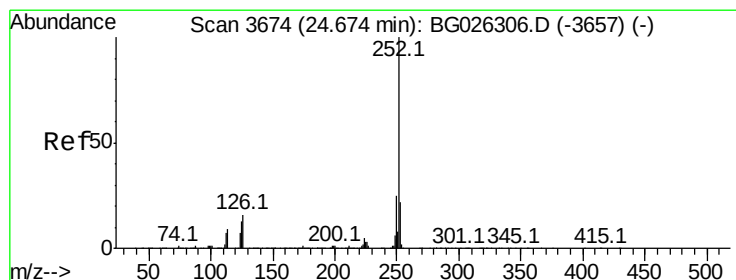
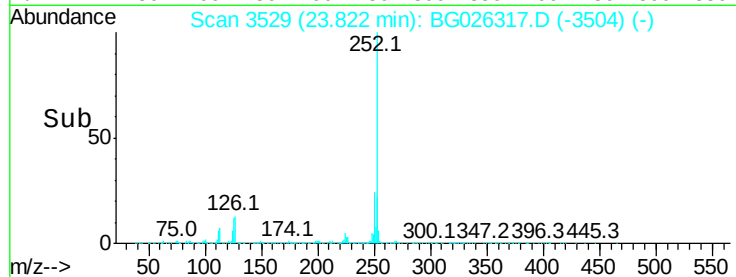
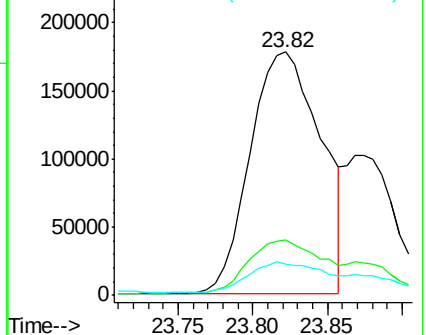
125 12.7 8.8 13.2



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: 9.22 ng/ul

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

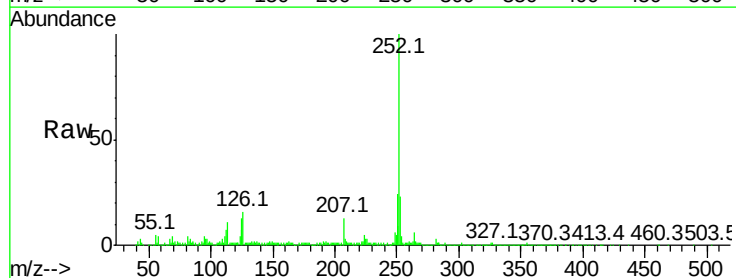
Tgt Ion:252 Resp: 381501

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

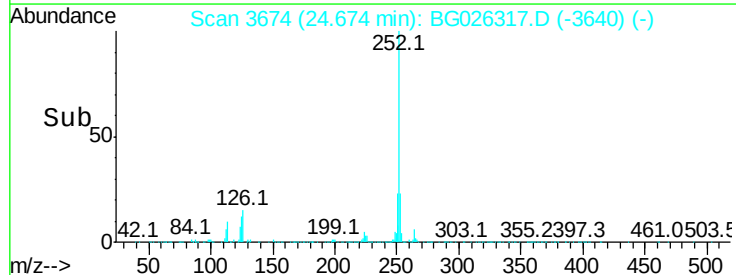
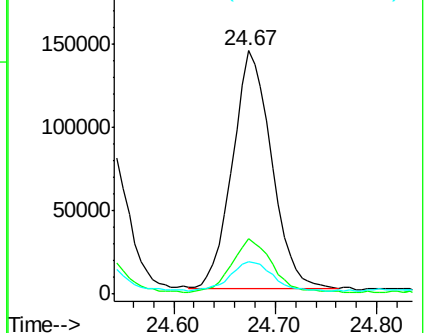
125 13.2 9.4 14.2

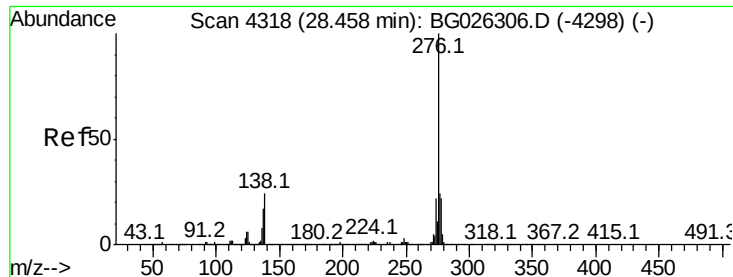


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.54 ng/ul

RT: 28.46 min Scan# 4319

Delta R.T. 0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

Instrument :

BNA_G

ClientSampleId :

CB387

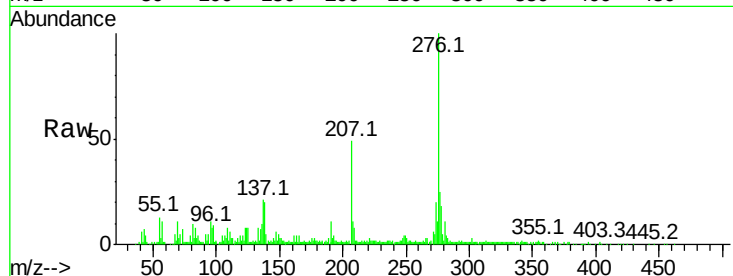
Tot Ion:276 Resp: 207176

Ion Ratio Lower Upper

276 100

138 19.8 17.8 26.6

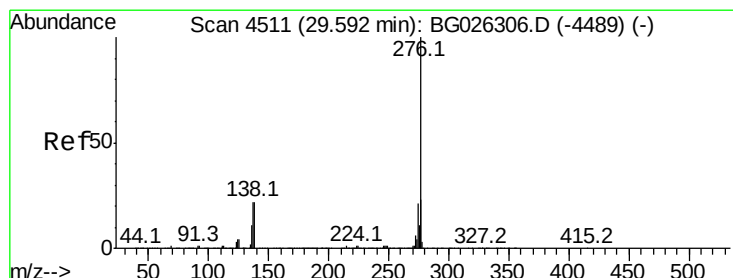
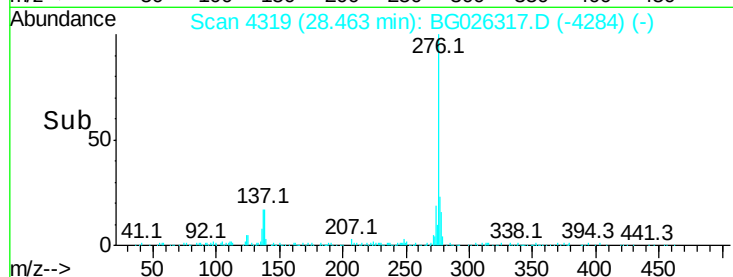
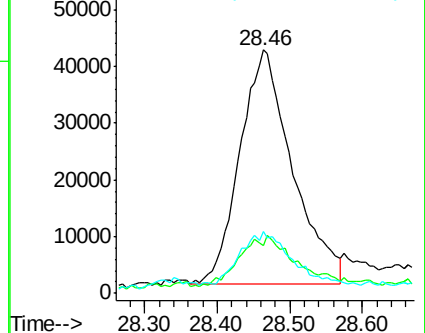
277 25.2 19.4 29.0



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: 3.94 ng/ul

RT: 29.59 min Scan# 4511

Delta R.T. -0.00 min

Lab File: BG026317.D

Acq: 18 Mar 2017 14:17

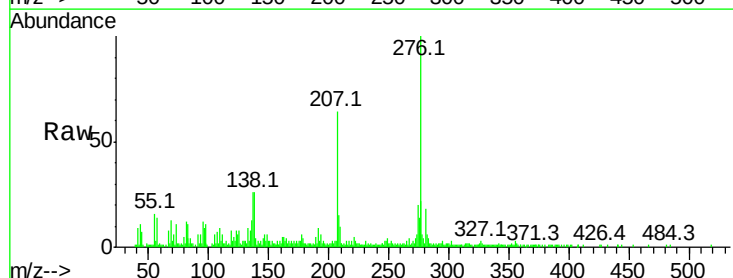
Tgt Ion:276 Resp: 153910

Ion Ratio Lower Upper

276 100

138 26.2 19.0 28.4

277 21.9 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

