Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023648.D
Acq On : 12 Aug 2016 9:47
Operator : UM/SJ
Sample : H4384-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS001-0206-01

Quant Time: Aug 13 01:31:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	110393	20.00	ng/ul	0.03
18) Naphthalene-d8	10.97	136	620247	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.80	164	488106	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.56	188	1257988	20.00	ng/ul	0.01
75) Chrysene-d12	21.89	240	1087944	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1073266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	7556	2.91	ng/uL	0.01
5) Phenol-d5	7.30	99	224778	20.21	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.45	67	150105	21.07	ng/ul	0.03
9) 2-Chlorophenol-d4	7.67	132	152456	20.10	ng/ul	0.03
13) 4-Methylphenol-d8	8.85	113	189786	21.86	ng/ul	0.03
19) Nitrobenzene-d5	9.32	128	93452	19.11	ng/ul	0.03
22) 2-Nitrophenol-d4	10.05	143	151955	27.06	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.59	165	218155	20.60	ng/ul	0.02
29) 4-Chloroaniline-d4	11.11	131	195073	15.70	ng/ul	0.02
43) Dimethylphthalate-d6	14.20	166	776531	19.43	ng/ul	0.02
46) Acenaphthylene-d8	14.49	160	878412	19.53	ng/ul	0.01
51) 4-Nitrophenol-d4	15.02	143	112142	16.44	ng/ul	0.02
57) Fluorene-d10	15.80	176	715750	19.38	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.96	200	5036	0.62	ng/ul	0.05
70) Anthracene-d10	17.66	188	1124851	19.85	ng/ul	0.01
76) Pyrene-d10	19.96	212	1209927	21.97	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.06	264	932690	19.20	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.24	163	309903	7.83	ng/ul	99
68) Pentachlorophenol	17.22	266	16751	1.98	ng/ul	91
69) Phenanthrene	17.61	178	383343	5.88	ng/ul	98
73) Di-n-butylphthalate	18.50	149	85461	1.27	ng/ul#	95
74) Fluoranthene	19.62	202	955771	14.33	ng/ul#	93
77) Pyrene	19.98	202	1090665	16.22	ng/ul#	92
80) Benzo(a)anthracene	21.86	228	434005	7.08	ng/ul	97
82) Chrysene	21.93	228	439939	7.90	ng/ul	94
85) Benzo(b)fluoranthene	24.21	252	502529	8.23	ng/ul#	96
86) Benzo(k)fluoranthene	24.21	252	502529	8.36	ng/ul#	92
88) Benzo(a)pyrene	25.37	252	83001	1.41	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.20	276	216590	3.13	ng/ul#	86
91) Benzo(g,h,i)perylene	30.42	276	231728	4.04	ng/ul#	92

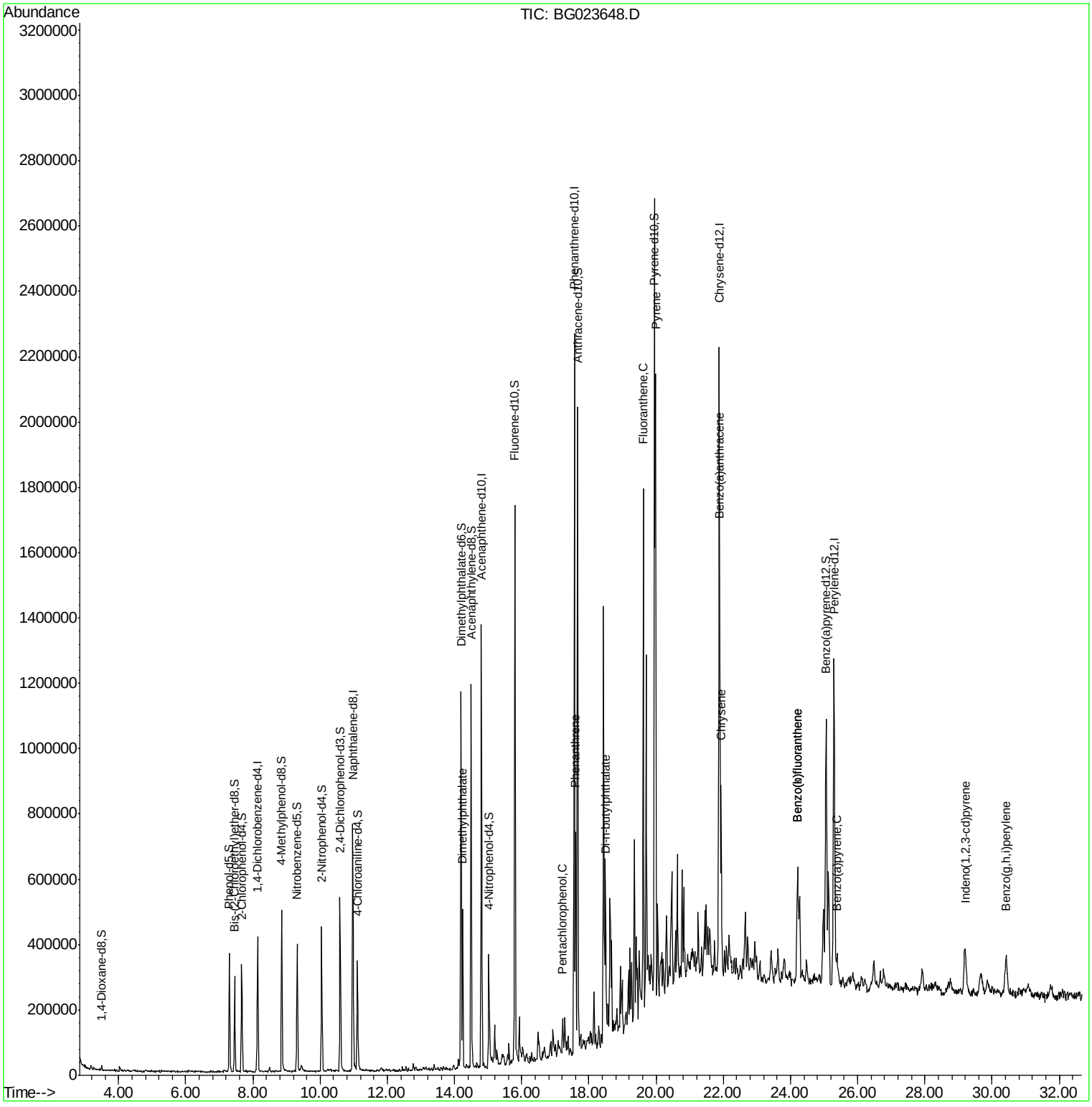
(#) = qualifier out of range (m) = manual integration (+) = signals summed

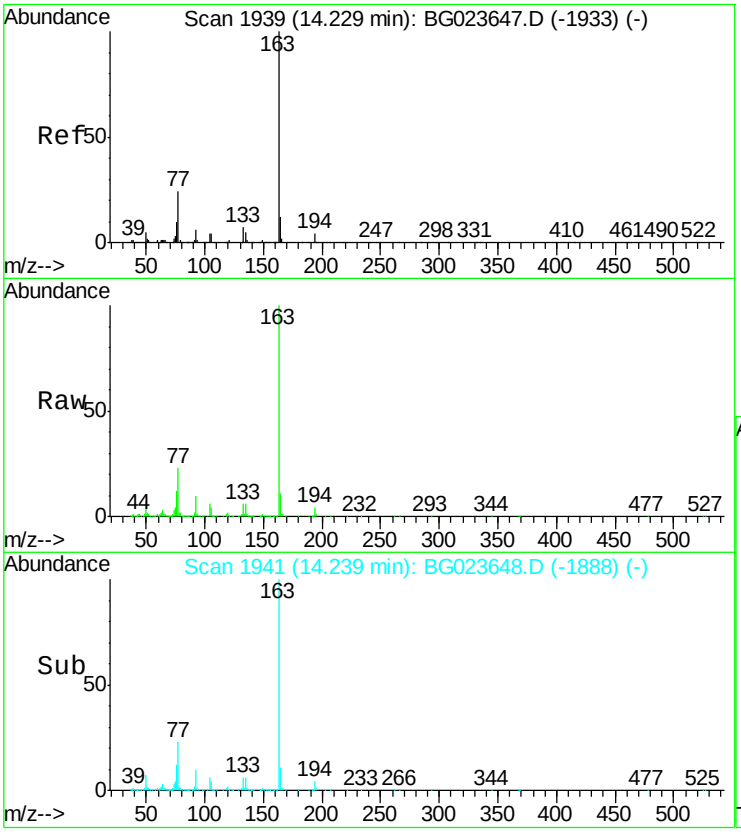
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023648.D
Acq On : 12 Aug 2016 9:47
Operator : UM/SJ
Sample : H4384-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Quant Time: Aug 13 01:31:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration



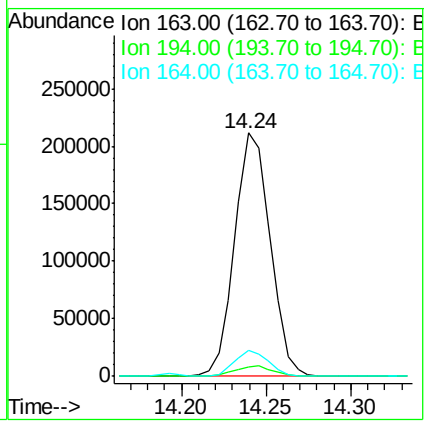


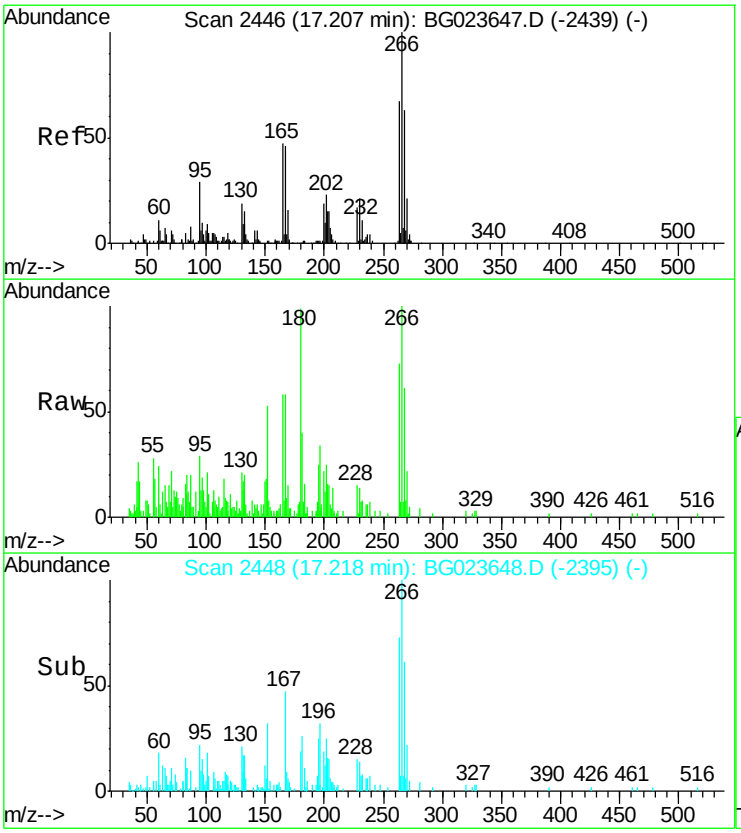
#44
Dimethylphthalate
Concen: 7.83 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:163 Resp: 309903

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	10.6	8.8	13.2

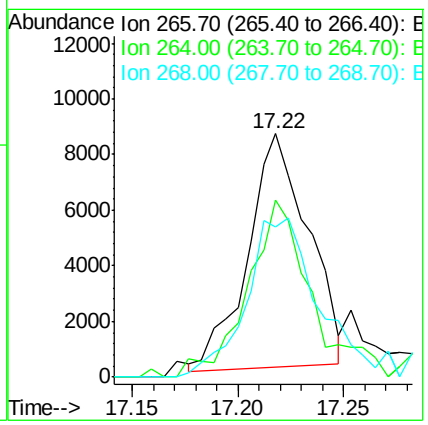


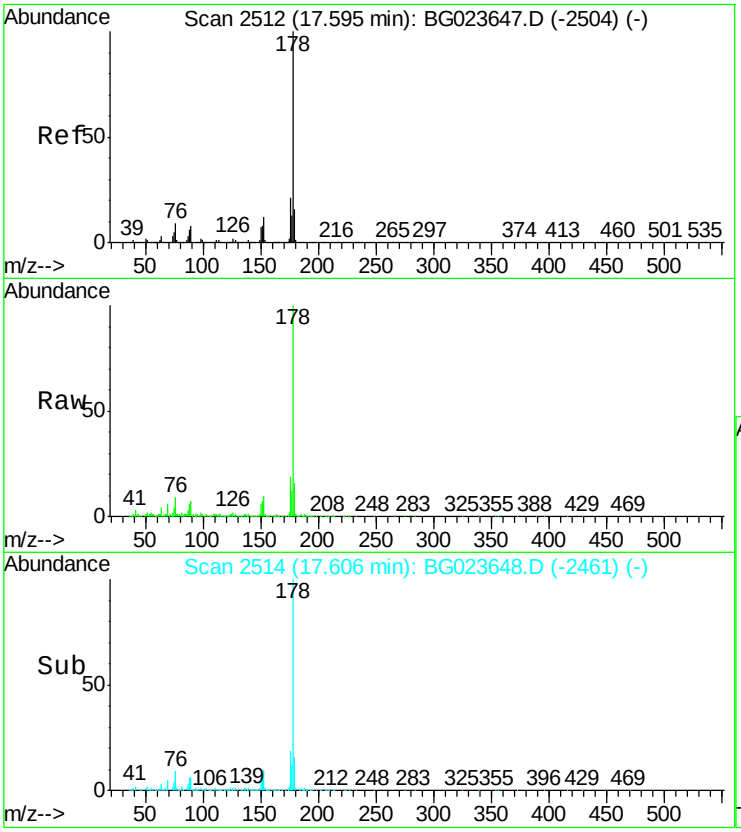


#68
Pentachlorophenol
Concen: 1.98 ng/ul
RT: 17.22 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Tgt Ion:266 Resp: 16751

Ion	Ratio	Lower	Upper
266	100		
264	72.8	54.7	82.1
268	61.4	57.8	86.8



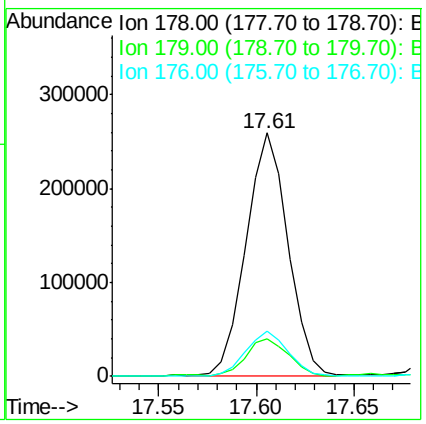


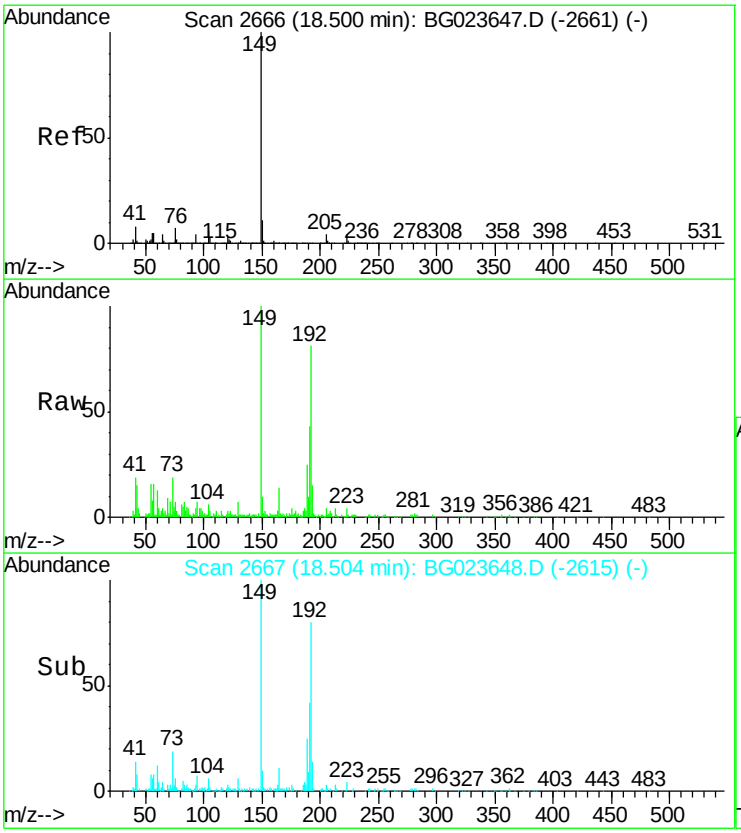
#69
Phenanthrene
Concen: 5.88 ng/ul
RT: 17.61 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:178 Resp: 383343

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	18.6	15.8	23.8

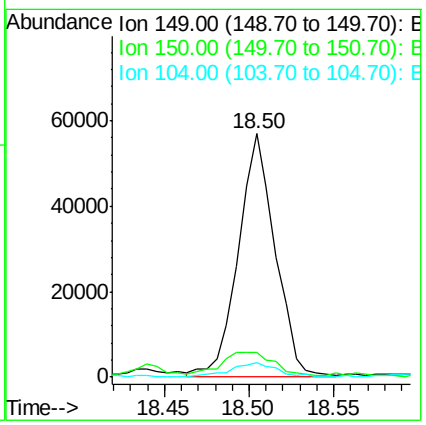


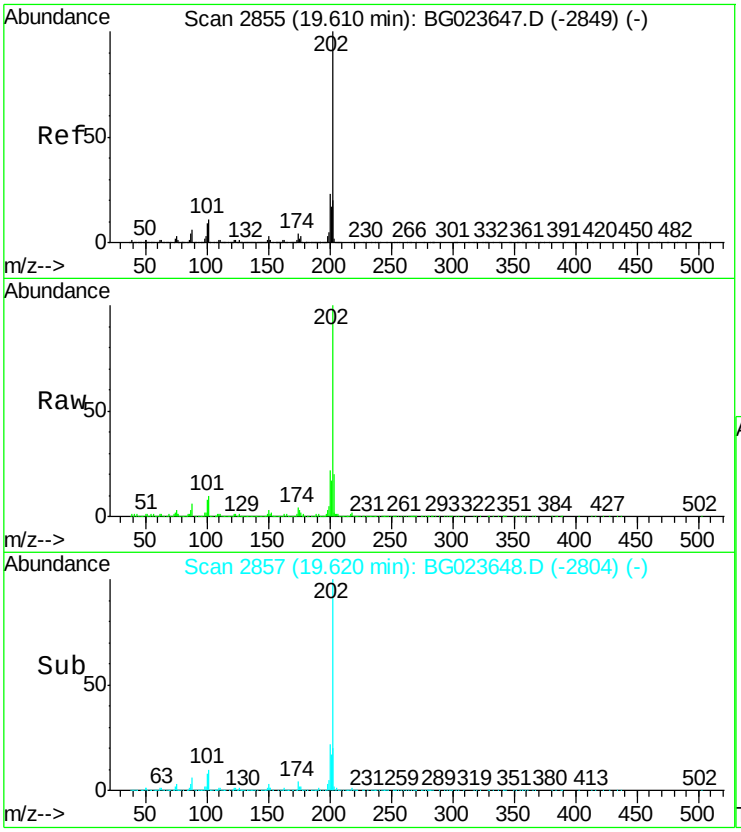


#73
Di-n-butylphthalate
Concen: 1.27 ng/ul
RT: 18.50 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Tgt Ion:149 Resp: 85461

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.1	10.7
104	6.1	3.3	4.9#



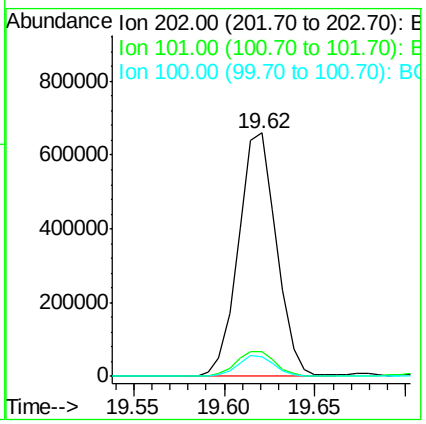


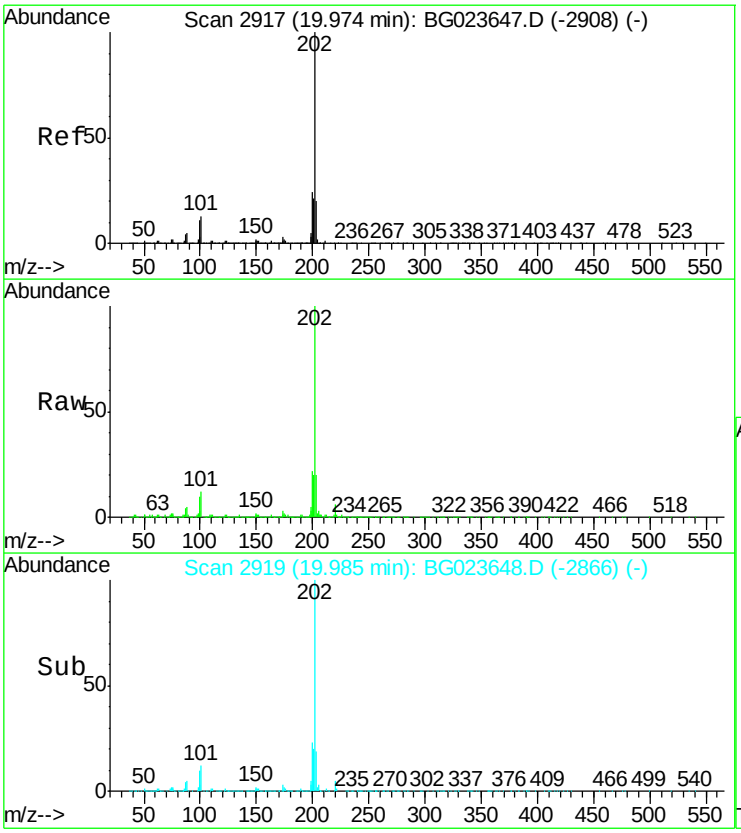
#74
Fluoranthene
Concen: 14.33 ng/ul
RT: 19.62 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:202 Resp: 955771

Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.6	16.0#
100	8.3	8.7	13.1#

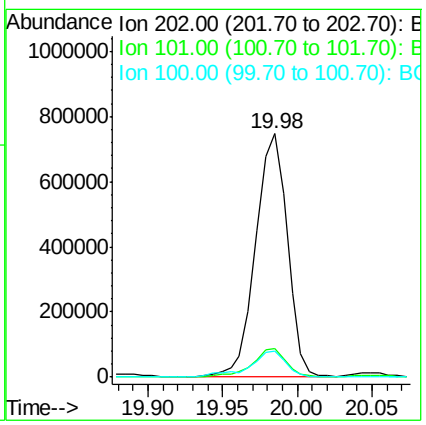


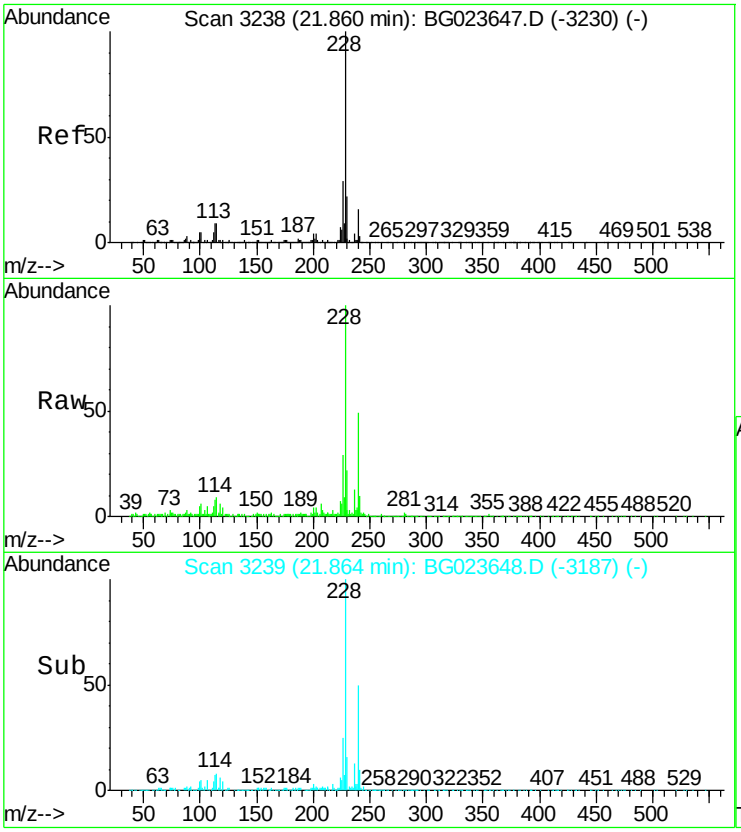


#77
Pyrene
Concen: 16.22 ng/ul
RT: 19.98 min Scan# 2919
Delta R.T. 0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Tgt Ion:202 Resp: 1090665

Ion	Ratio	Lower	Upper
202	100		
101	11.7	12.5	18.7#
100	10.4	10.2	15.4



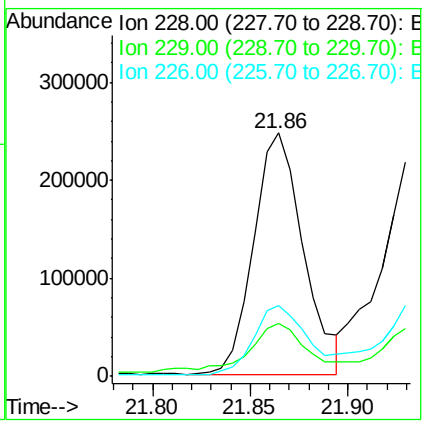


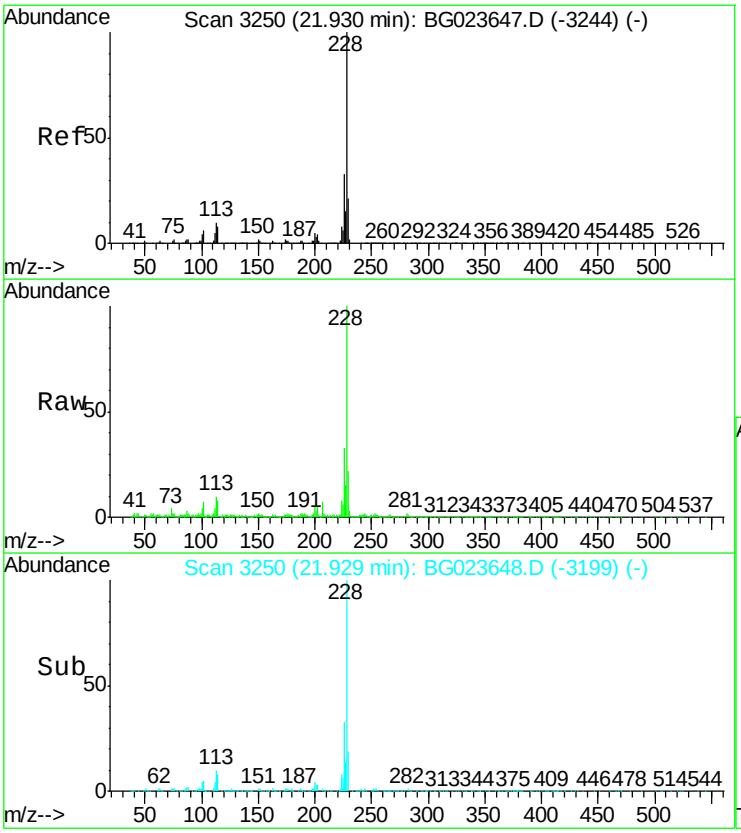
#80
Benzo(a)anthracene
Concen: 7.08 ng/ul
RT: 21.86 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:228 Resp: 434005

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.2
226	29.0	22.8	34.2

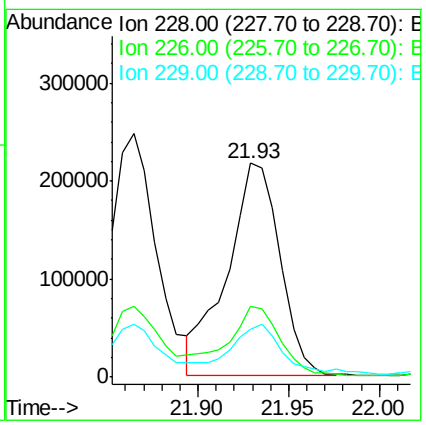


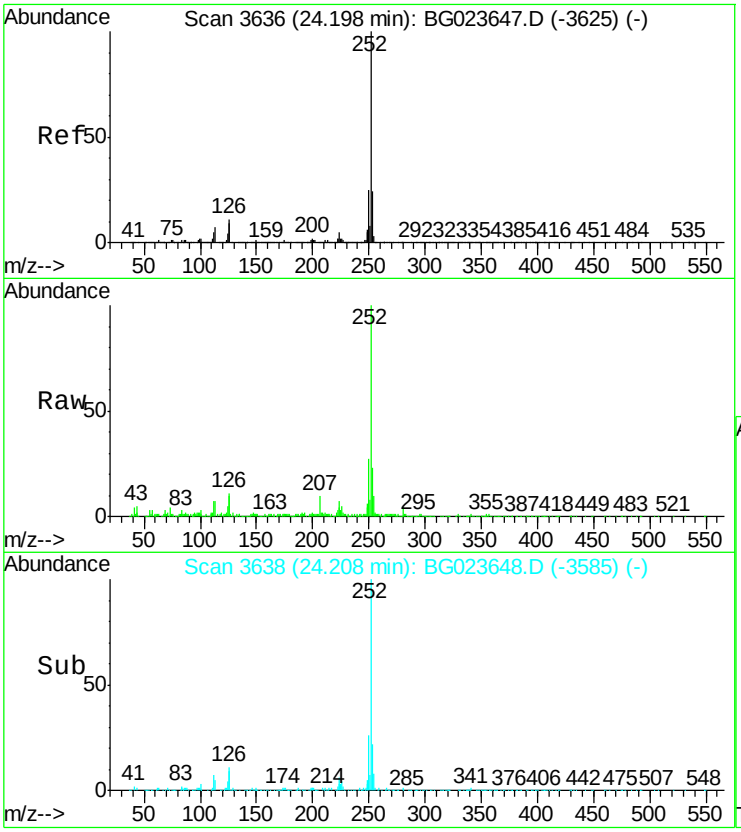


#82
Chrysene
Concen: 7.90 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Tgt Ion:228 Resp: 439939

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.4
229	22.1	15.0	22.6



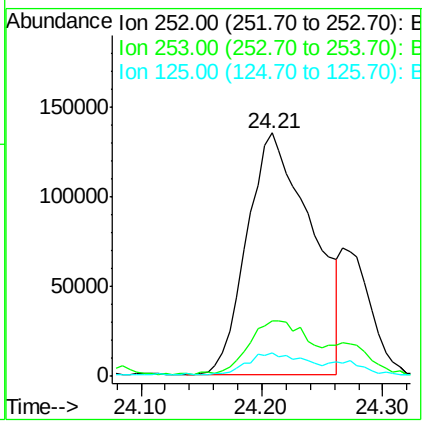


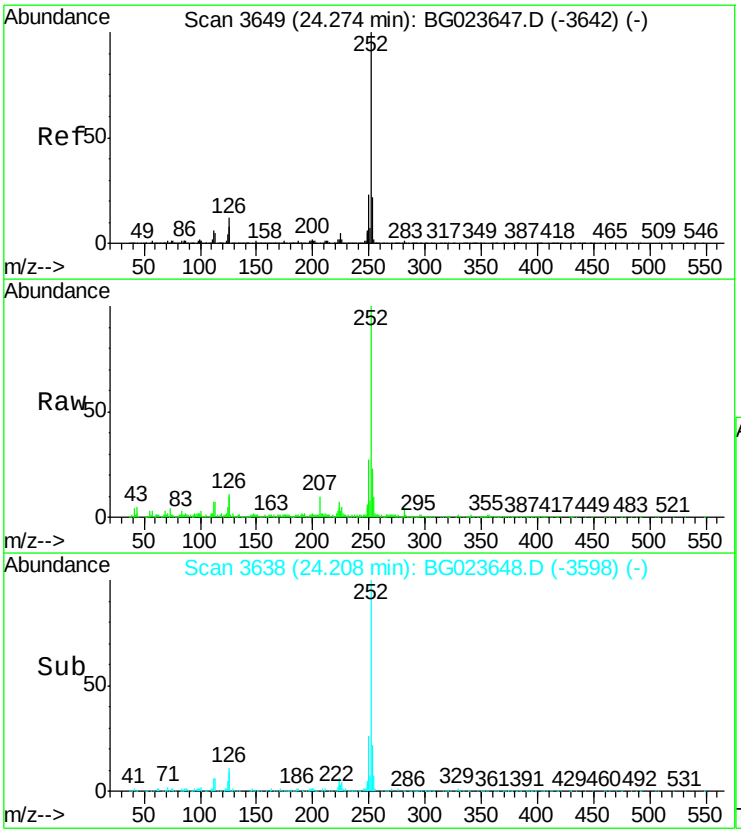
#85
Benzo(b)fluoranthene
Concen: 8.23 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:252 Resp: 502529

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.6	10.8	16.2#

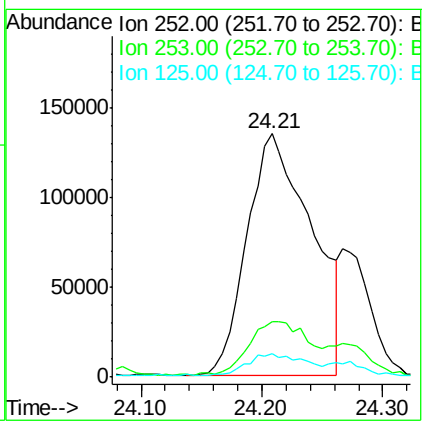


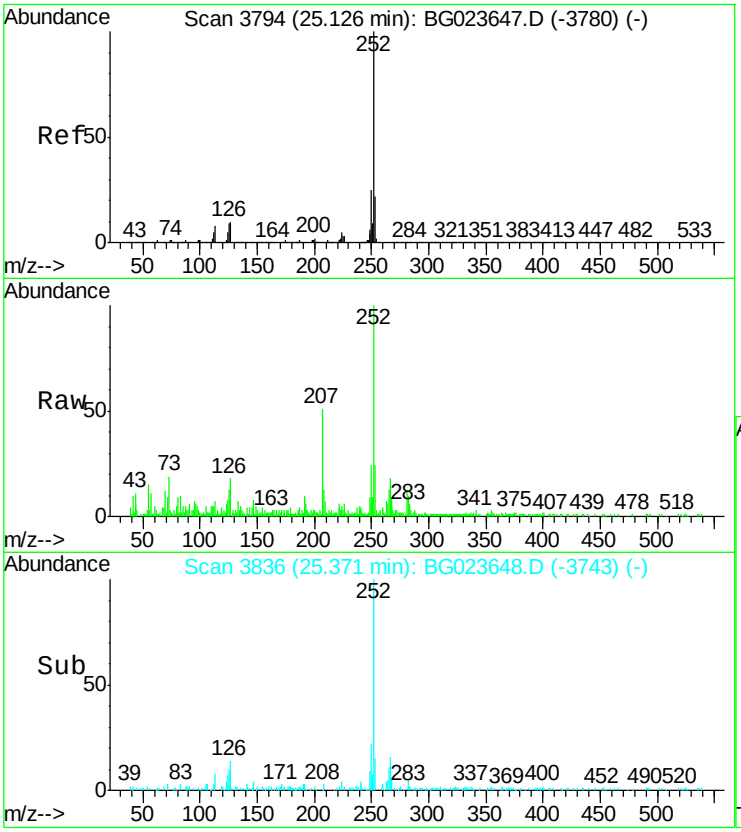


#86
Benzo(k)fluoranthene
Concen: 8.36 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. -0.07 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Tgt Ion:252 Resp: 502529

Ion	Ratio	Lower	Upper
252	100		
253	22.9	15.8	23.6
125	9.6	10.6	16.0#



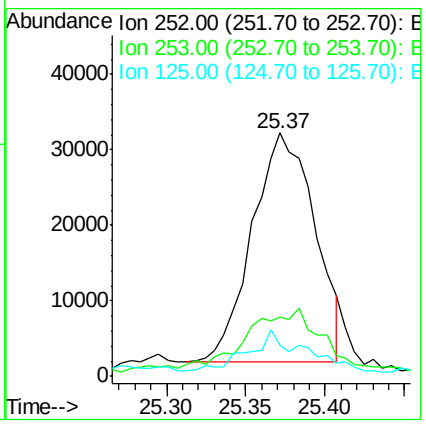


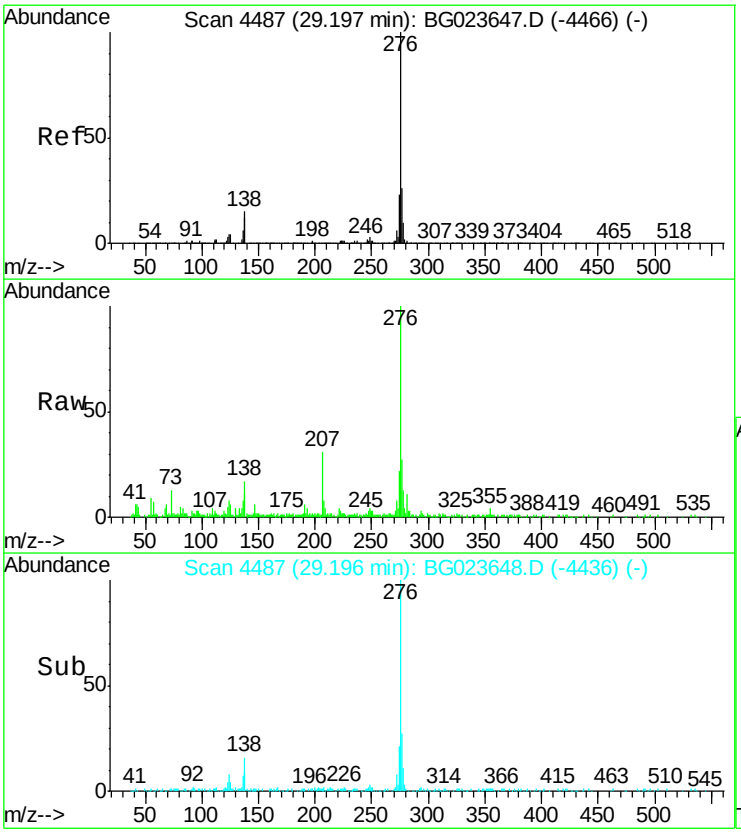
#88
Benzo(a)pyrene
Concen: 1.41 ng/ul
RT: 25.37 min Scan# 3836
Delta R.T. 0.25 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:252 Resp: 83001

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	13.0	12.0	18.0

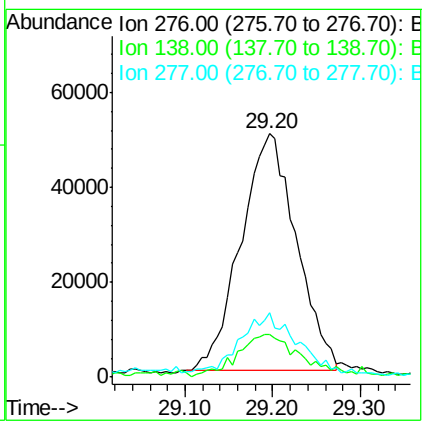


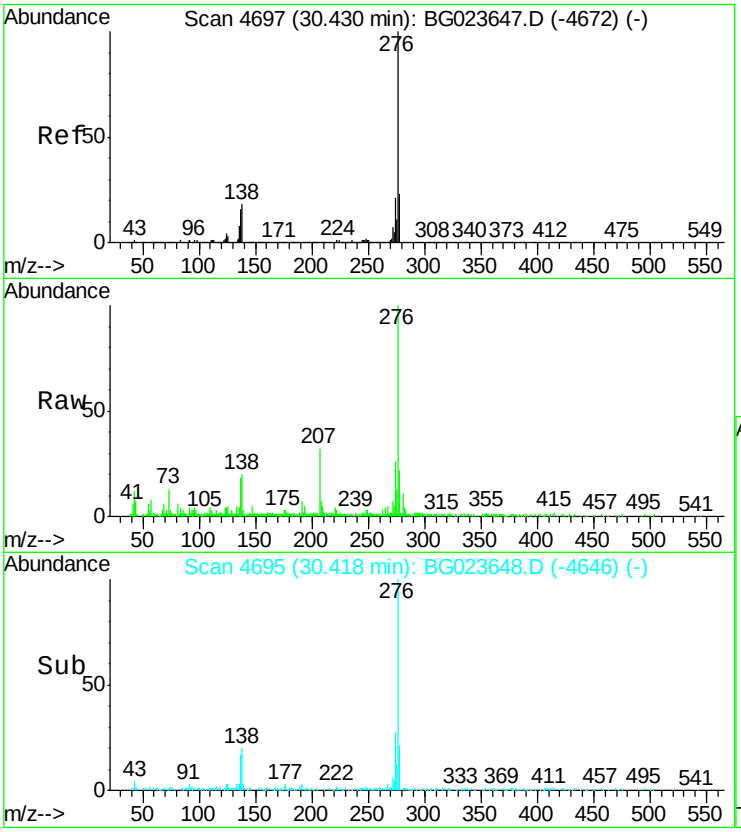


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.13 ng/ul
RT: 29.20 min Scan# 4487
Delta R.T. -0.00 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Tgt Ion:276 Resp: 216590

Ion	Ratio	Lower	Upper
276	100		
138	17.3	20.8	31.2#
277	26.6	17.6	26.4#





#91
Benzo(g,h,i)perylene
Concen: 4.04 ng/ul
RT: 30.42 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BG023648.D
Acq: 12 Aug 2016 9:47

Instrument :
BNA_G
ClientSampleId :
P002-SS001-0206-01

Tgt Ion:276 Resp: 231728

Ion	Ratio	Lower	Upper
276	100		
138	20.4	22.1	33.1#
277	21.7	17.0	25.4