Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021617\
Data File : BG025849.D
Acq On : 16 Feb 2017 12:13
Operator : SJ/MA
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08019

Quant Time: Feb 16 12:52:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 16 11:48:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	102855	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	534177	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	380044	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	771585	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	743201	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	736263	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.39	160	2469117	62.26	ng/ul	0.00
10) Fluorene-d10	15.68	176	1849755	66.43	ng/ul	0.00
14) Anthracene-d10	17.42	188	771585	20.29	ng/ul	-0.10
18) Pyrene-d10	19.80	212	2645688	71.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.69	264	2651781	67.68	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.94	128	2041256	68.73	ng/ul	97
4) 2-Methylnaphthalene	12.54	142	1598624	74.66	ng/ul	97
5) 1-Methylnaphthalene	12.75	142	1562796	77.74	ng/ul#	93
8) Acenaphthylene	14.42	152	2457821	59.84	ng/ul	94
9) Acenaphthene	14.76	153	1783517	63.43	ng/ul	95
11) Fluorene	15.74	166	1982042	59.22	ng/ul	96
13) Phenanthrene	17.47	178	3001341	65.49	ng/ul#	91
15) Anthracene	17.56	178	3016540	64.80	ng/ul#	89
16) Fluoranthene	19.47	202	3155619	58.59	ng/ul#	94
19) Pyrene	19.83	202	3119442	63.26	ng/ul#	86
20) Benzo(a)anthracene	21.66	228	3108416	65.15	ng/ul#	89
21) Chrysene	21.73	228	2964671	66.60	ng/ul	92
23) Benzo(b)fluoranthene	23.88	252	3245133	64.75	ng/ul#	95
24) Benzo(k)fluoranthene	23.95	252	3232166	66.49	ng/ul#	95
26) Benzo(a)pyrene	24.76	252	3228369	66.58	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.58	276	3943138	74.50	ng/ul#	92
28) Dibenzo(a,h)anthracene	28.65	278	3208251	70.51	ng/ul#	96
29) Benzo(g,h,i)perylene	29.73	276	3230956	81.33	ng/ul#	92

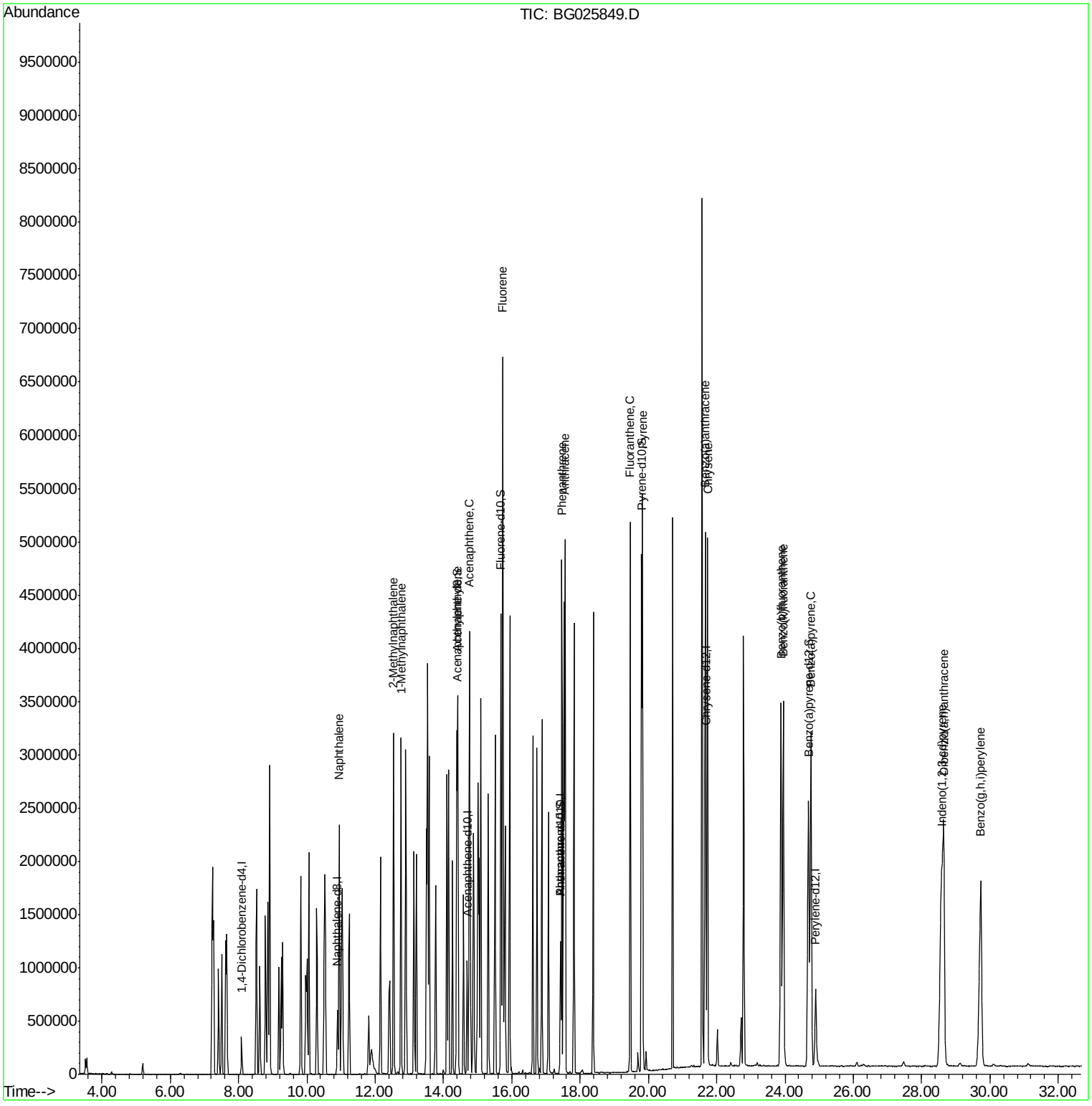
(#) = qualifier out of range (m) = manual integration (+) = signals summed

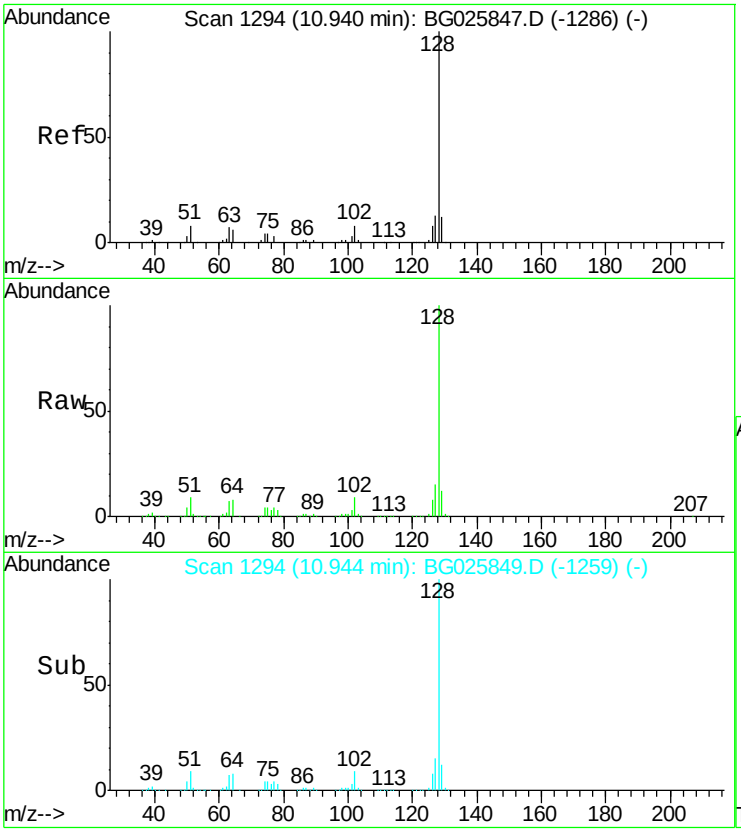
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021617\
Data File : BG025849.D
Acq On : 16 Feb 2017 12:13
Operator : SJ/MA
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Quant Time: Feb 16 12:52:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 16 11:48:03 2017
Response via : Initial Calibration



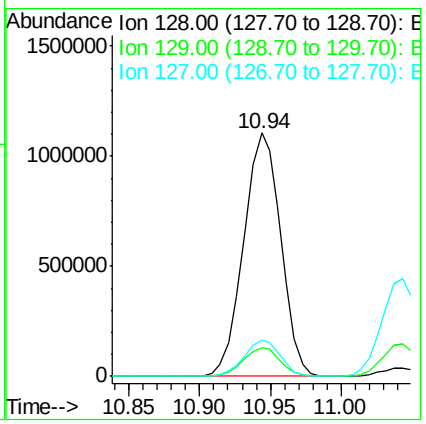


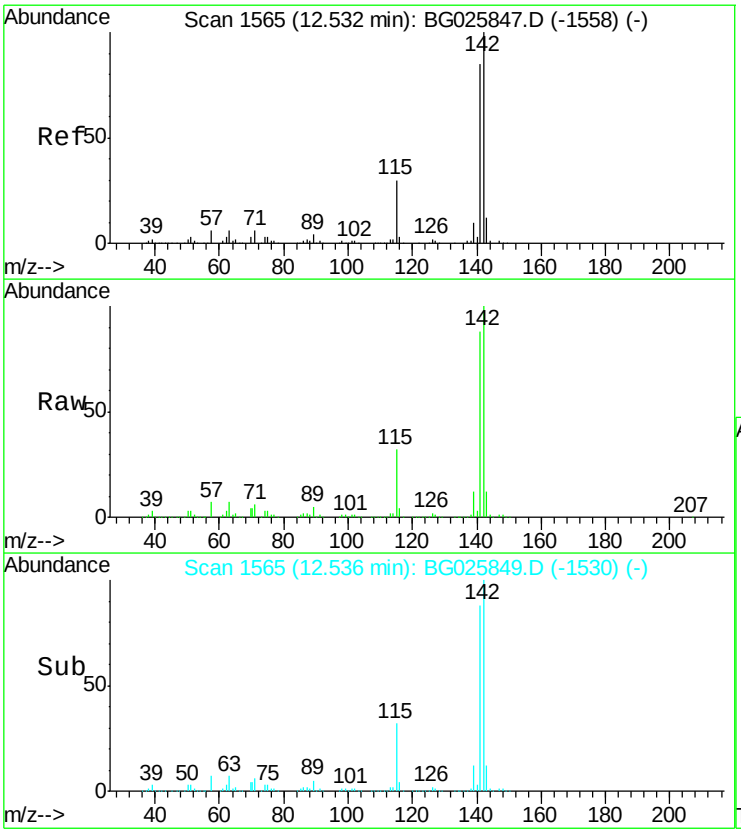
#3
Naphthalene
Concen: 68.73 ng/ul
RT: 10.94 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:128 Resp: 2041256

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	15.0	10.6	16.0

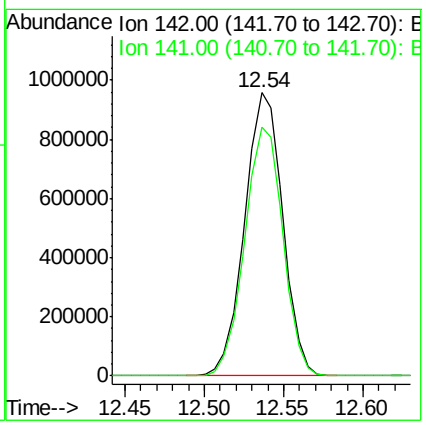


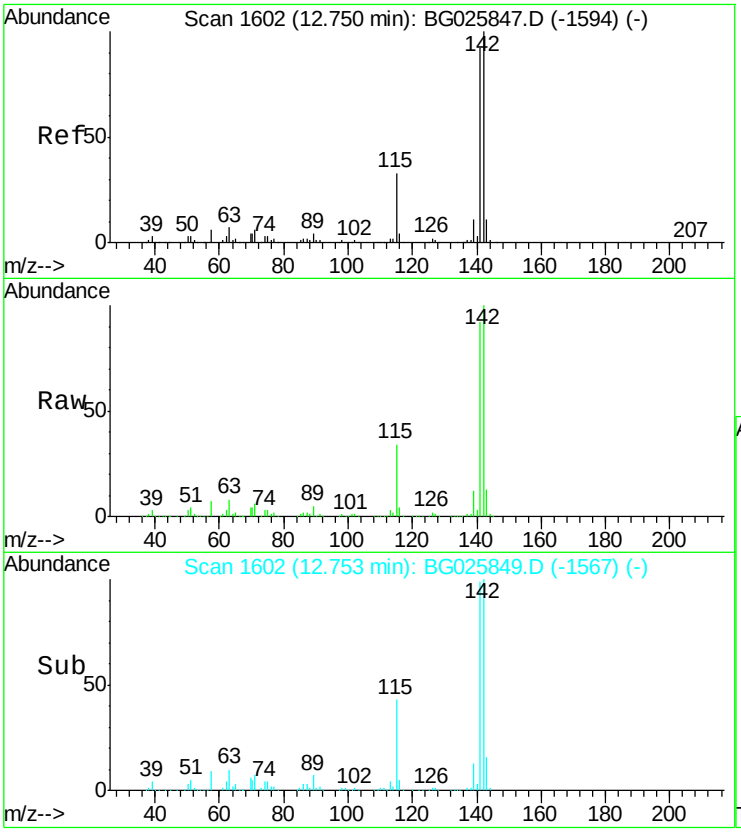


#4
2-Methylnaphthalene
Concen: 74.66 ng/ul
RT: 12.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:142 Resp: 1598624

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.7	109.1



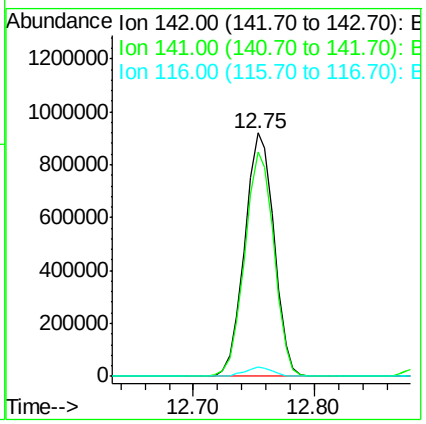


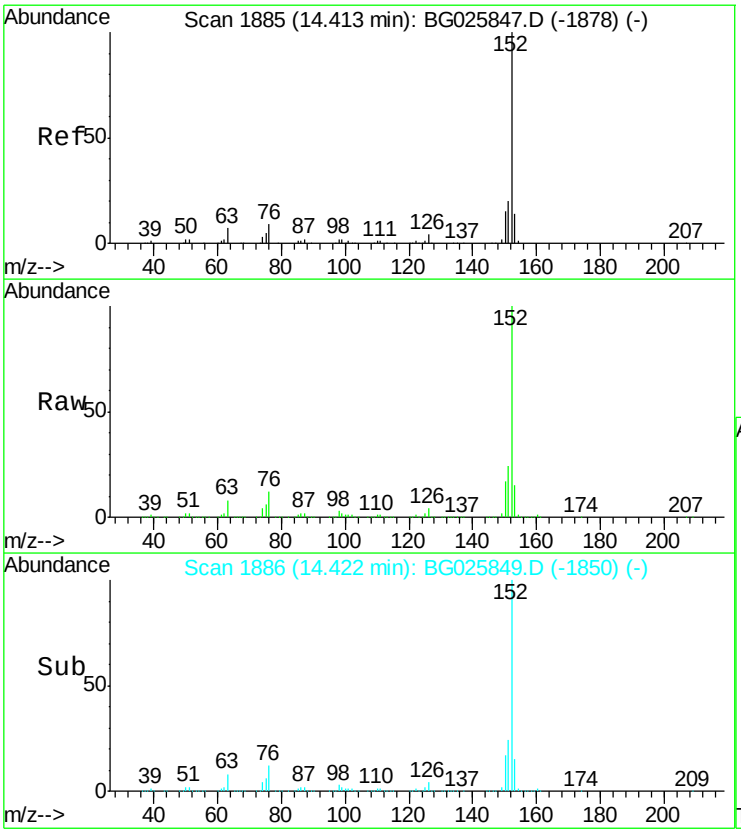
#5
1-Methylnaphthalene
Concen: 77.74 ng/ul
RT: 12.75 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:142 Resp: 1562796

Ion	Ratio	Lower	Upper
142	100		
141	92.2	79.3	118.9
116	3.7	4.2	6.2#

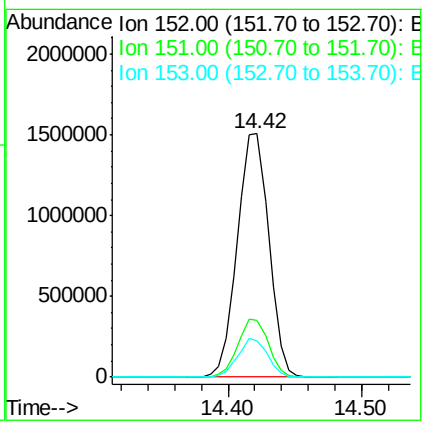


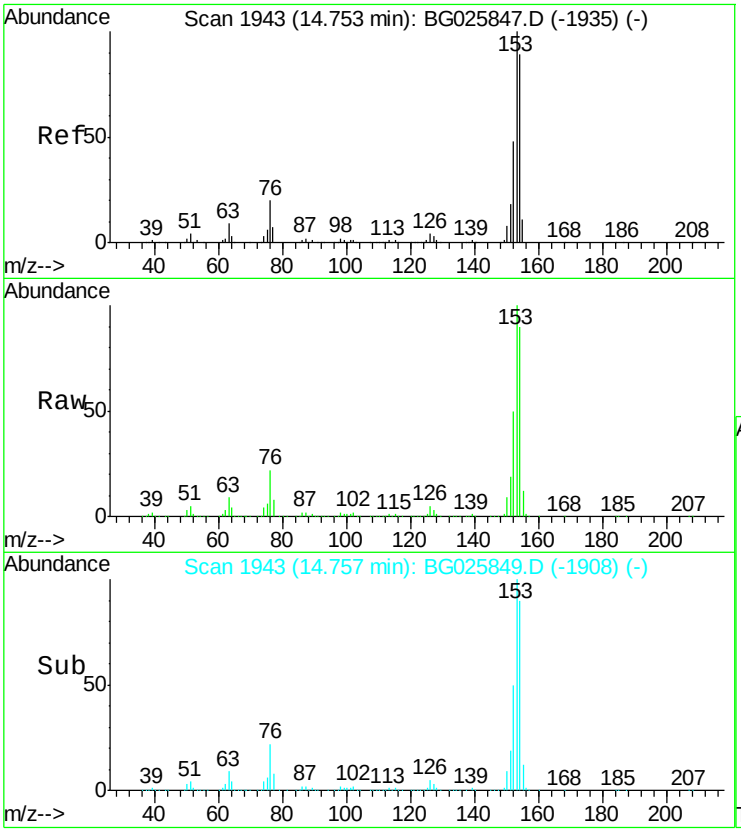


#8
Acenaphthylene
Concen: 59.84 ng/ul
RT: 14.42 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:152 Resp: 2457821

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.7	25.1
153	15.1	10.2	15.4



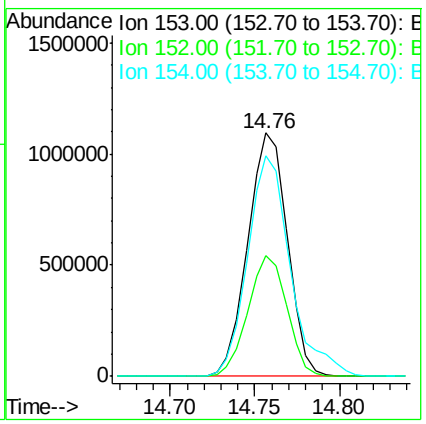


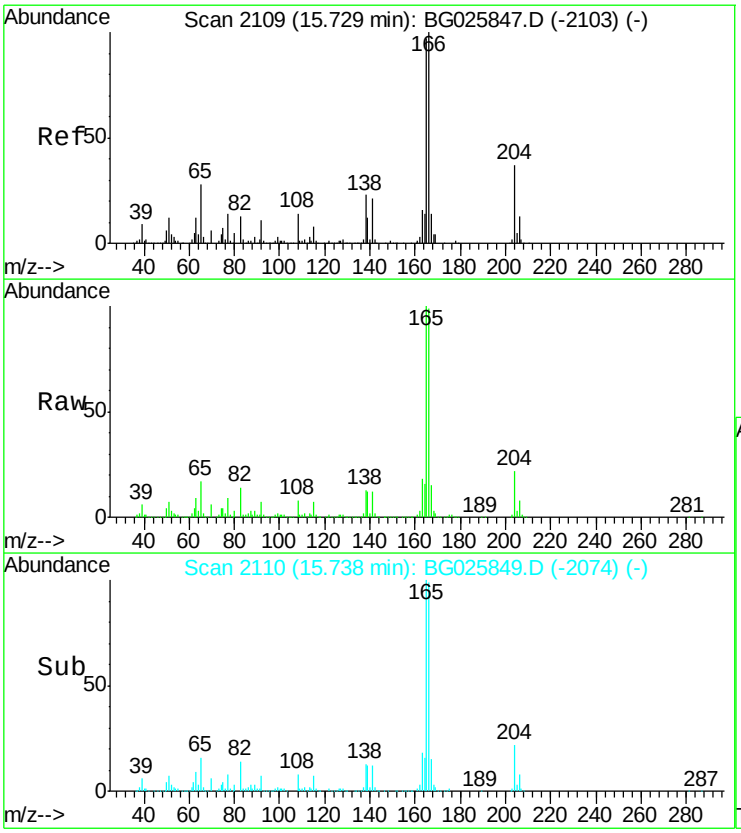
#9
Acenaphthene
Concen: 63.43 ng/ul
RT: 14.76 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:153 Resp: 1783517

Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.0	58.6
154	90.4	66.8	100.2

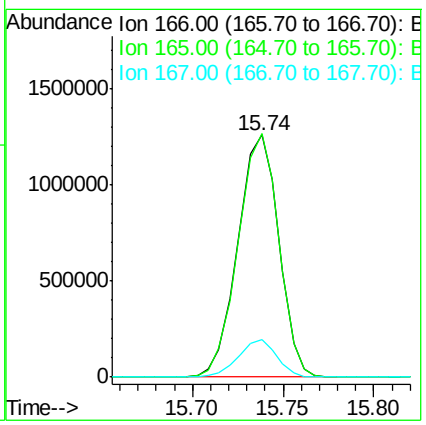


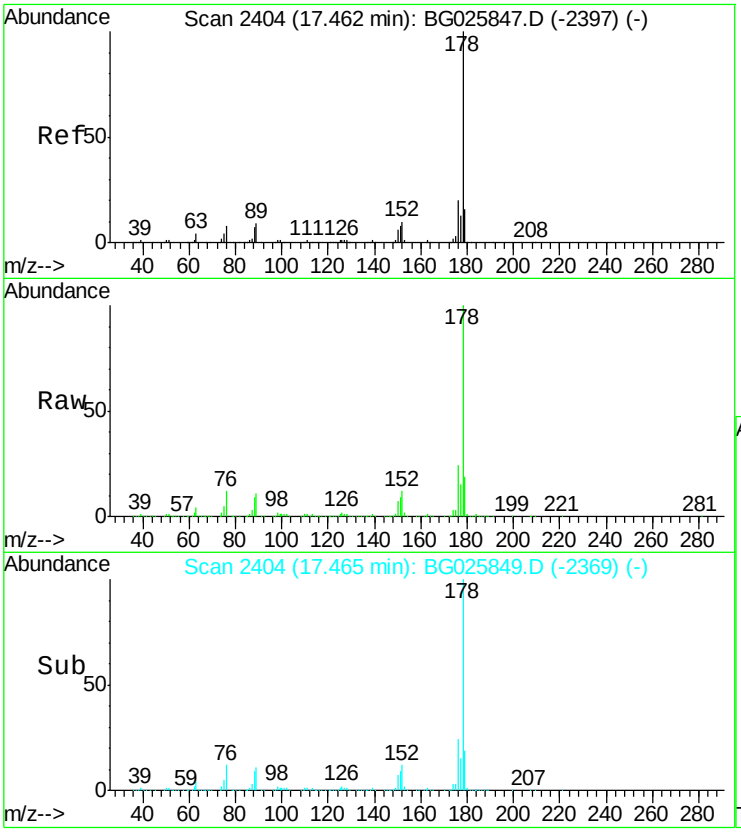


#11
Fluorene
Concen: 59.22 ng/ul
RT: 15.74 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:166 Resp: 1982042

Ion	Ratio	Lower	Upper
166	100		
165	100.5	83.8	125.8
167	15.3	11.5	17.3



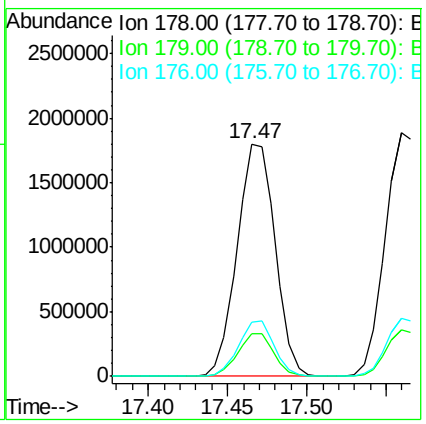


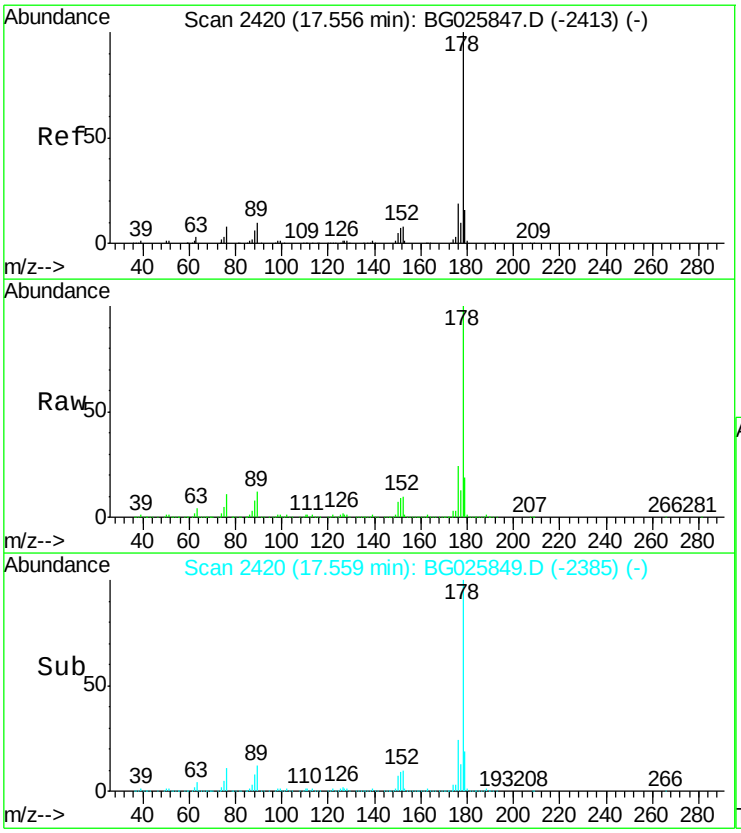
#13
Phenanthrene
Concen: 65.49 ng/ul
RT: 17.47 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:178 Resp: 3001341

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.3	18.5#
176	23.6	15.1	22.7#

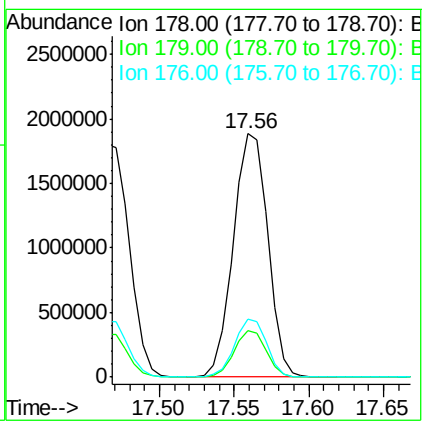


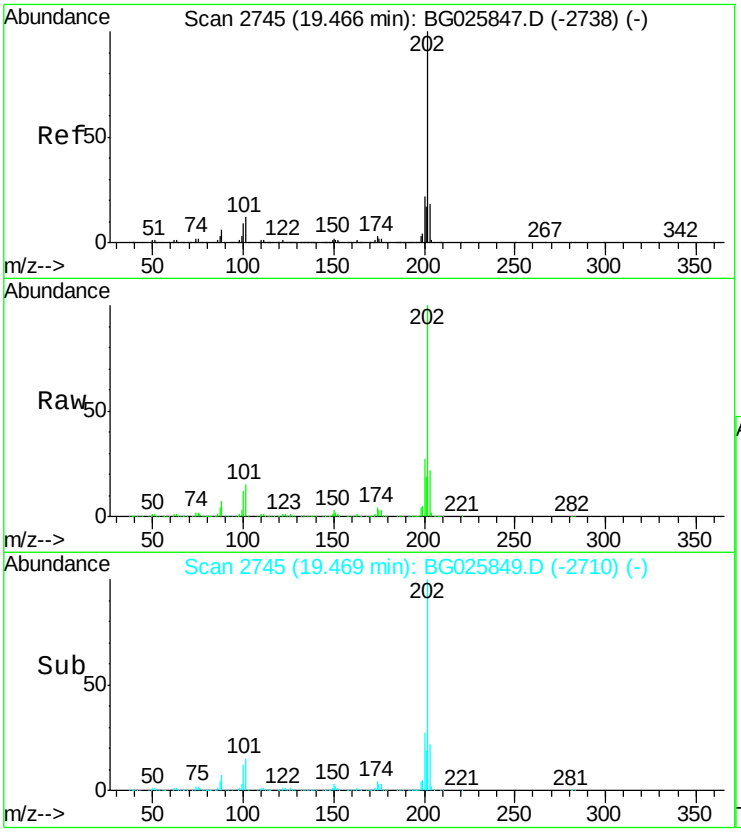


#15
Anthracene
Concen: 64.80 ng/ul
RT: 17.56 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:178 Resp: 3016540

Ion	Ratio	Lower	Upper
178	100		
179	19.3	11.8	17.8#
176	23.9	15.2	22.8#



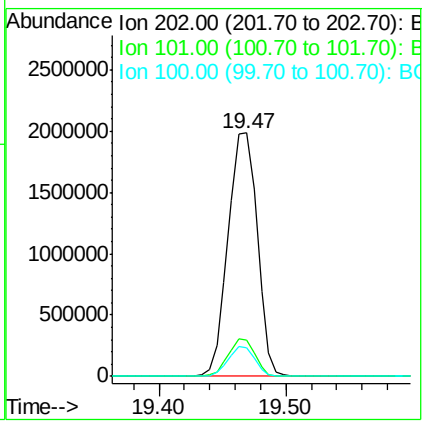


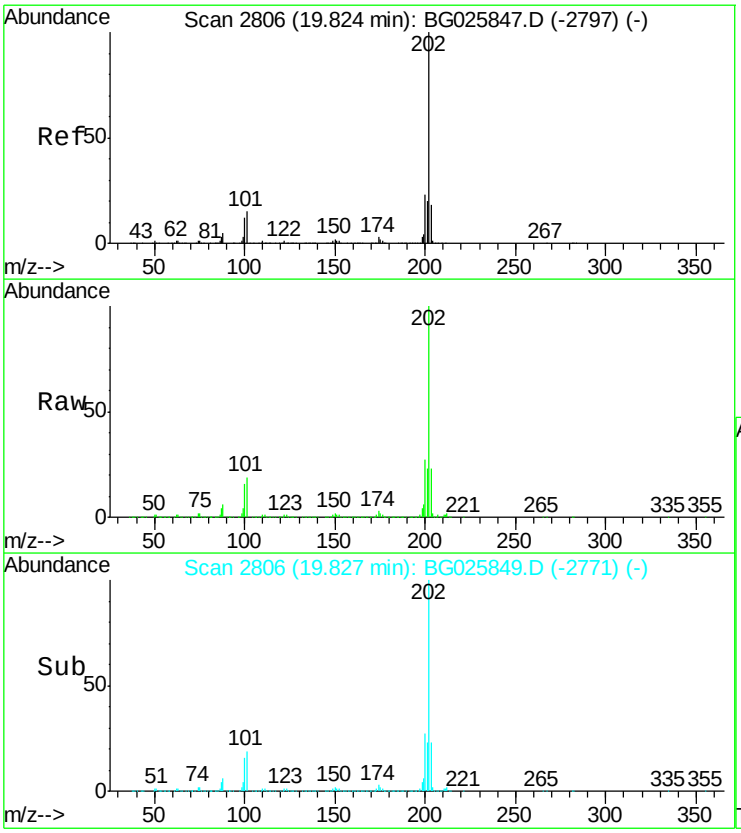
#16
Fluoranthene
Concen: 58.59 ng/ul
RT: 19.47 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:202 Resp: 3155619

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.7	7.4	11.0#

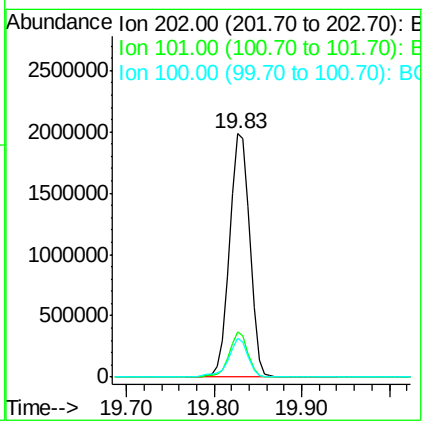


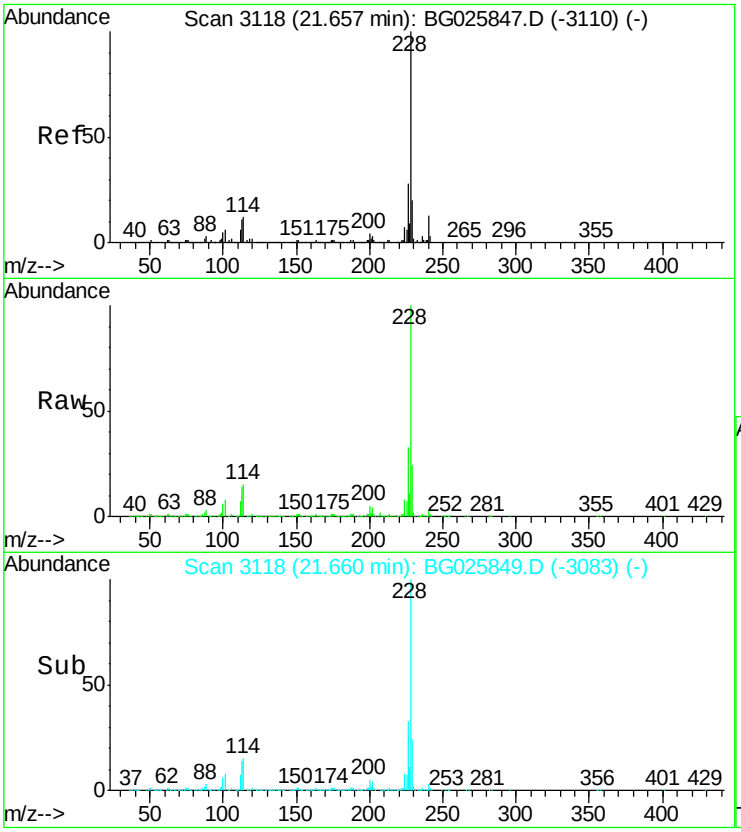


#19
Pyrene
Concen: 63.26 ng/ul
RT: 19.83 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:202 Resp: 3119442

Ion	Ratio	Lower	Upper
202	100		
101	18.7	11.0	16.4#
100	15.9	8.1	12.1#



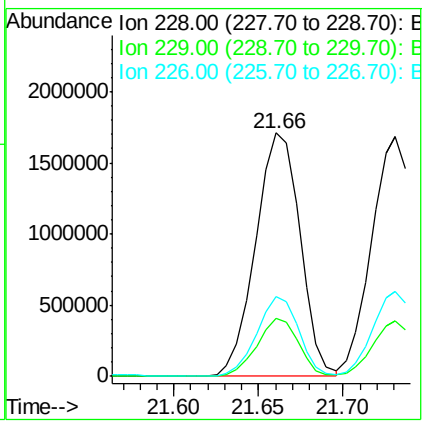


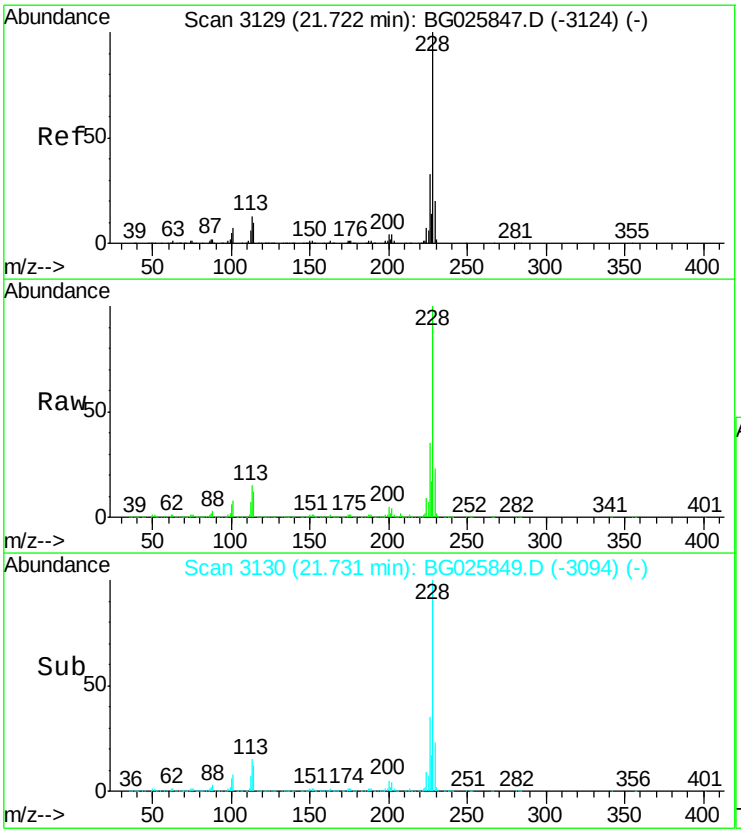
#20
Benzo(a)anthracene
Concen: 65.15 ng/ul
RT: 21.66 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:228 Resp: 3108416

Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.7	23.5#
226	32.7	21.1	31.7#

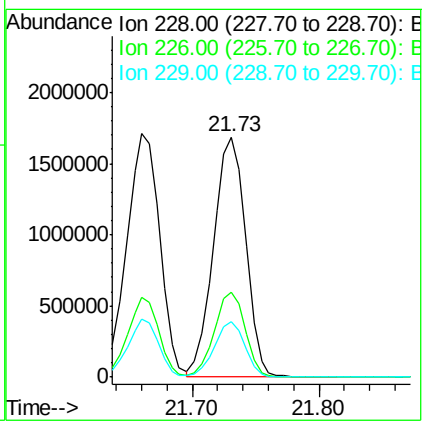


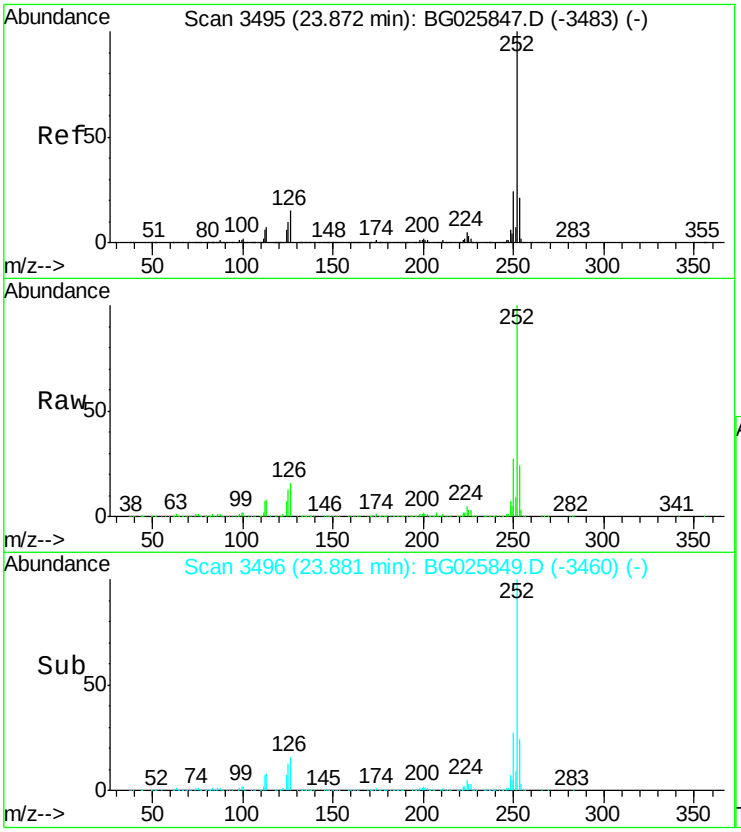


#21
Chrysene
Concen: 66.60 ng/ul
RT: 21.73 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:228 Resp: 2964671

Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.5	36.7
229	23.0	15.8	23.8



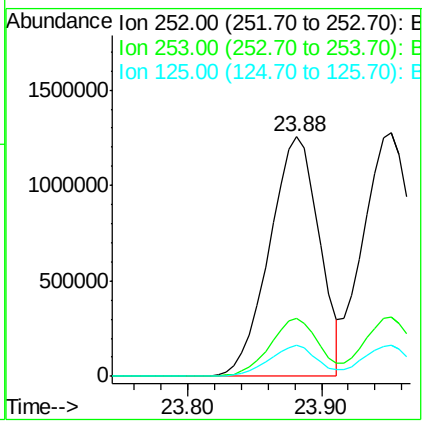


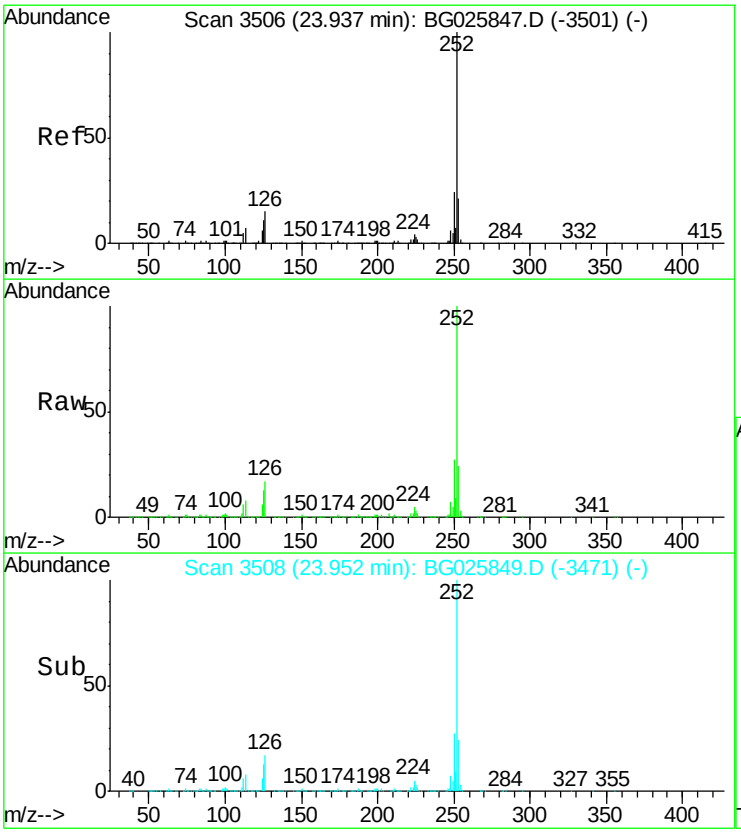
#23
Benzo(b)fluoranthene
Concen: 64.75 ng/ul
RT: 23.88 min Scan# 3496
Delta R.T. 0.01 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:252 Resp: 3245133

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	13.0	8.0	12.0#

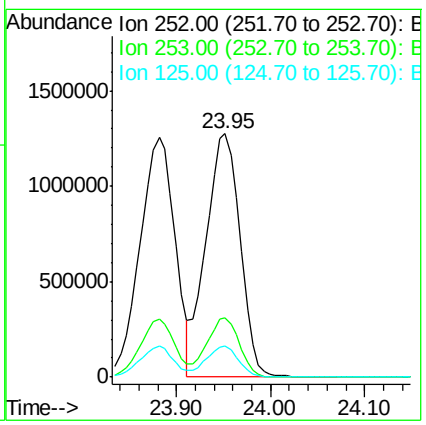


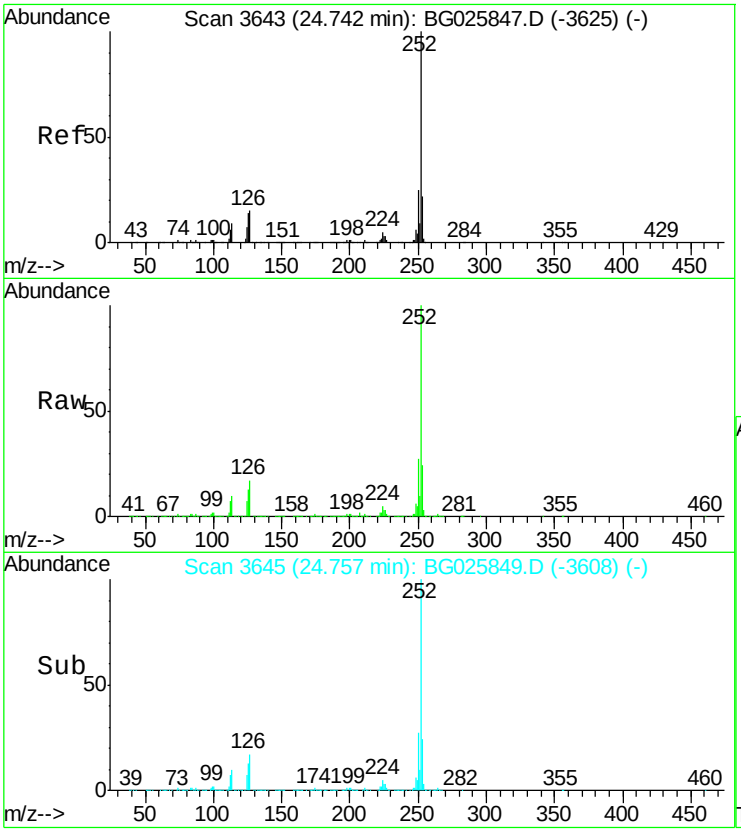


#24
Benzo(k)fluoranthene
Concen: 66.49 ng/ul
RT: 23.95 min Scan# 3508
Delta R.T. 0.02 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:252 Resp: 3232166

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	12.7	8.1	12.1#



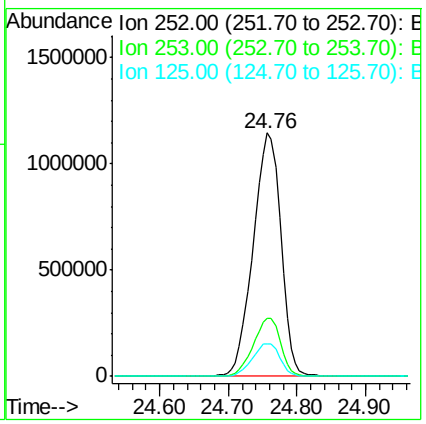


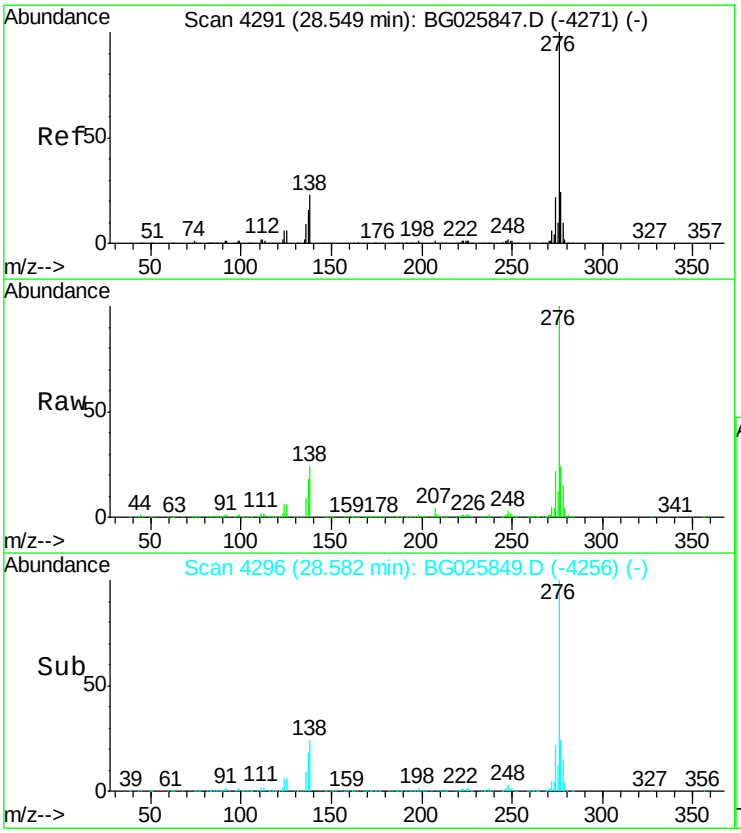
#26
Benzo(a)pyrene
Concen: 66.58 ng/ul
RT: 24.76 min Scan# 3645
Delta R.T. 0.02 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:252 Resp: 3228369

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	13.5	8.2	12.4#

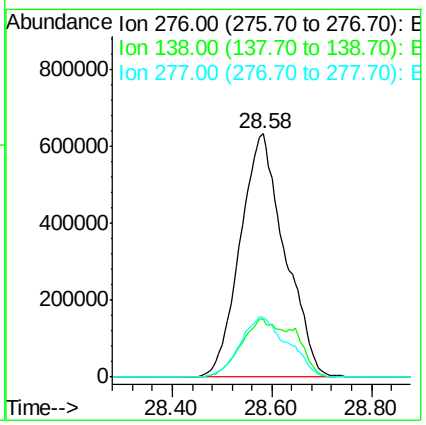


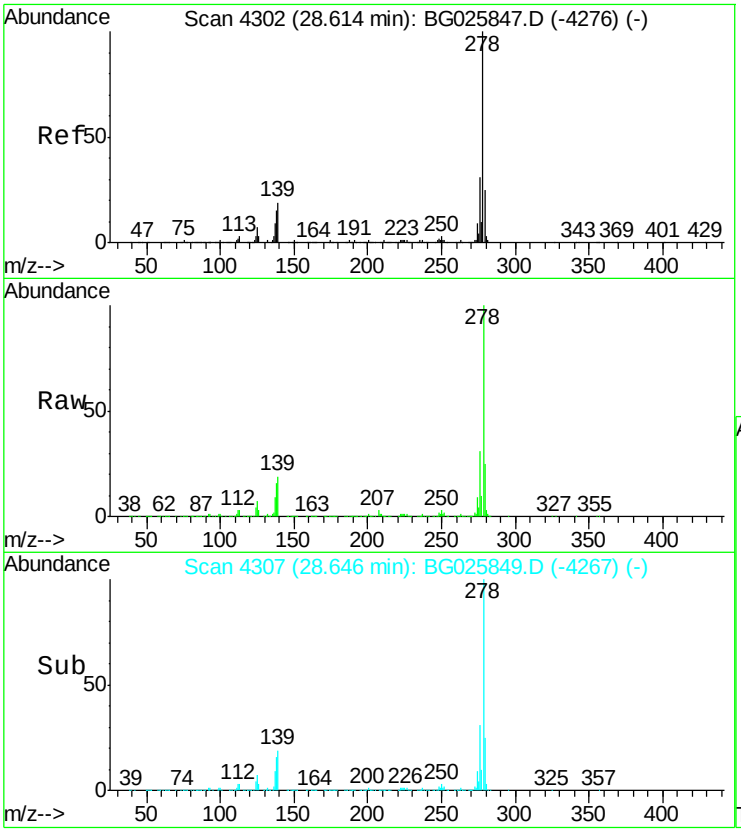


#27
Indeno(1,2,3-cd)pyrene
Concen: 74.50 ng/ul
RT: 28.58 min Scan# 4296
Delta R.T. 0.03 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:276 Resp: 3943138

Ion	Ratio	Lower	Upper
276	100		
138	23.9	14.4	21.6#
277	24.3	18.0	27.0



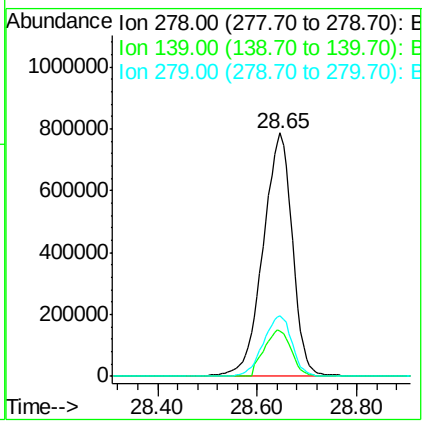


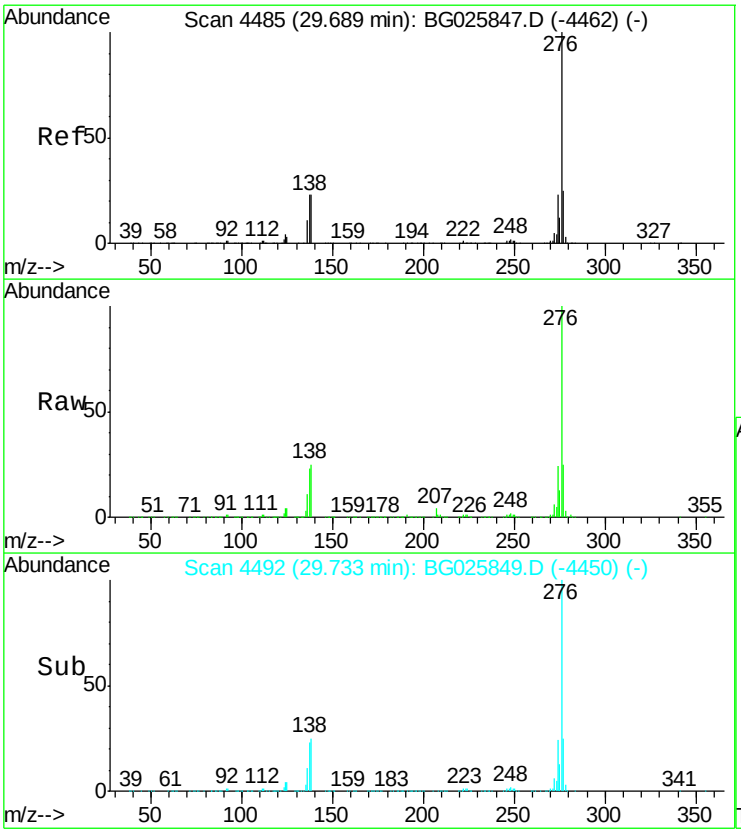
#28
Dibenzo(a,h)anthracene
Concen: 70.51 ng/ul
RT: 28.65 min Scan# 4307
Delta R.T. 0.03 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Tgt Ion:278 Resp: 3208251

Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.2	18.4#
279	25.0	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 81.33 ng/ul
RT: 29.73 min Scan# 4492
Delta R.T. 0.04 min
Lab File: BG025849.D
Acq: 16 Feb 2017 12:13

Tgt Ion:276 Resp: 3230956

Ion	Ratio	Lower	Upper
276	100		
138	25.4	15.3	22.9#
277	25.1	19.0	28.4