Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
Data File : BB058685.D
Acq On : 3 Mar 2017 13:56
Operator : UM/SJ
Sample : SSTD02078
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02078

Quant Time: Mar 15 01:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM-EPA-BB030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:30:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	162999	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	534346	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.78	164	320674	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.62	188	603249	20.00	ng/ul	0.00
18) Chrysene-d12	22.32	240	527169	20.00	ng/ul	0.00
23) Perylene-d12	25.29	264	481486	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.42	165	202897	20.00	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	608636	21.99	ng/ul	0.00
10) Fluorene-d10	15.81	176	413417	21.77	ng/ul	0.00
15) Anthracene-d10	17.73	188	566584	19.95	ng/ul	0.00
19) Pyrene-d10	20.19	212	516688	19.97	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.10	264	427123	20.11	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.86	128	503811	19.65	ng/ul	100
5) 2-Methylnaphthalene	12.52	142	378476	19.62	ng/ul	100
8) Acenaphthylene	14.49	152	579416	21.82	ng/ul	100
9) Acenaphthene	14.85	153	391519	21.96	ng/ul	100
11) Fluorene	15.87	166	505973	21.86	ng/ul	100
13) Pentachlorophenol	17.29	266	92812	20.00	ng/uL	100
14) Phenanthrene	17.67	178	675673	19.80	ng/ul	100
16) Anthracene	17.76	178	698734	19.96	ng/ul	100
17) Fluoranthene	19.82	202	679799	19.95	ng/ul	100
20) Pyrene	20.22	202	695008	19.95	ng/ul	100
21) Benzo(a)anthracene	22.30	228	572994	19.67	ng/ul	100
22) Chrysene	22.37	228	533667	19.88	ng/ul	100
24) Benzo(b)fluoranthene	24.39	252	543461	19.32	ng/ul	100
25) Benzo(k)fluoranthene	24.45	252	544408	21.32	ng/ul	100
27) Benzo(a)pyrene	25.15	252	533464	20.19	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.37	276	607294	20.12	ng/ul	100
29) Dibenzo(a,h)anthracene	28.40	278	516088	20.10	ng/ul	100
30) Benzo(g,h,i)perylene	29.31	276	502291	20.14	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
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Acq On : 3 Mar 2017 13:56
Operator : UM/SJ
Sample : SSTD02078
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Quant Time: Mar 15 01:34:14 2017
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM-EPA-BB030317-PAH.M
Quant Title : SVOA CALIBRATION
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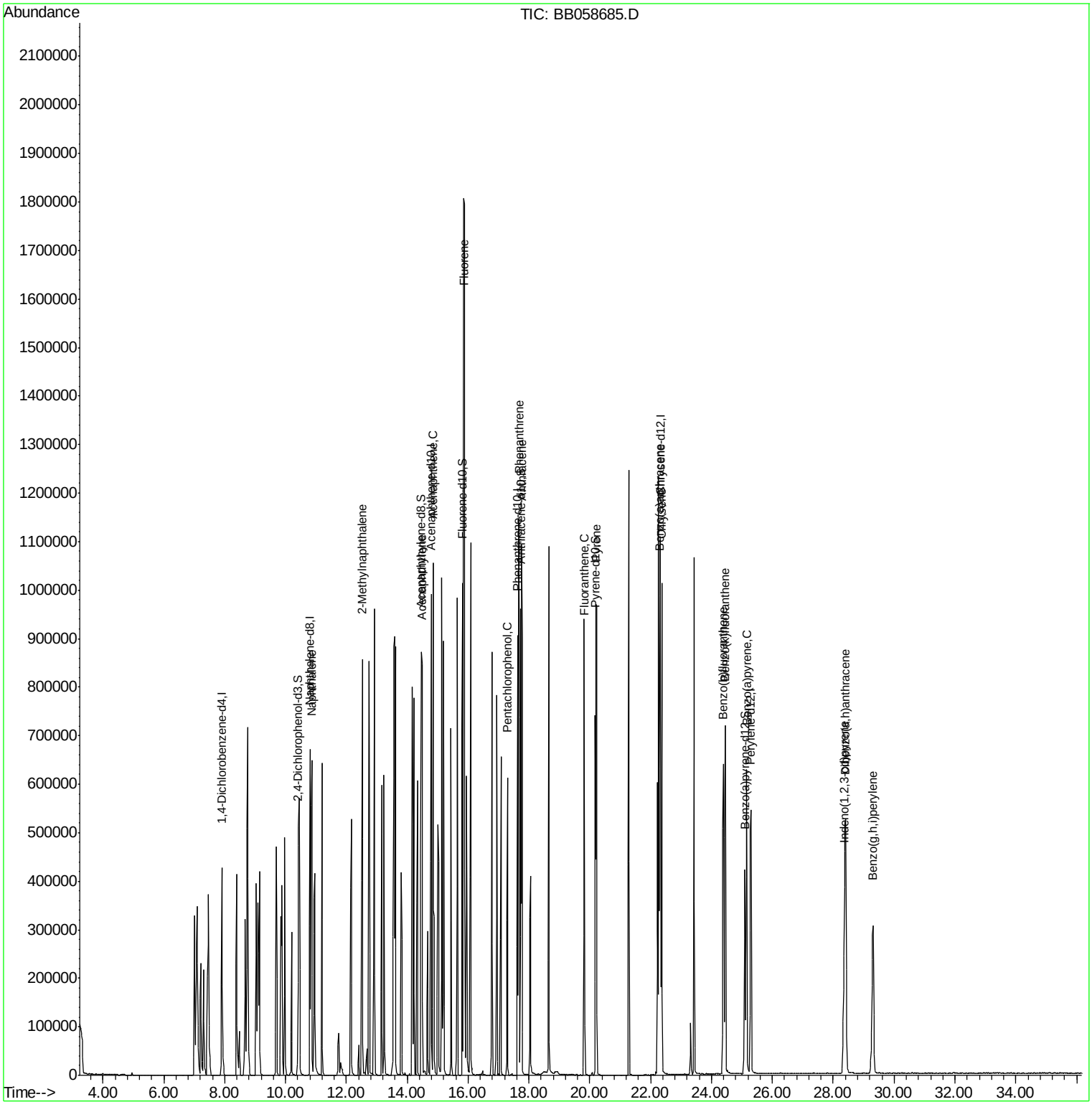
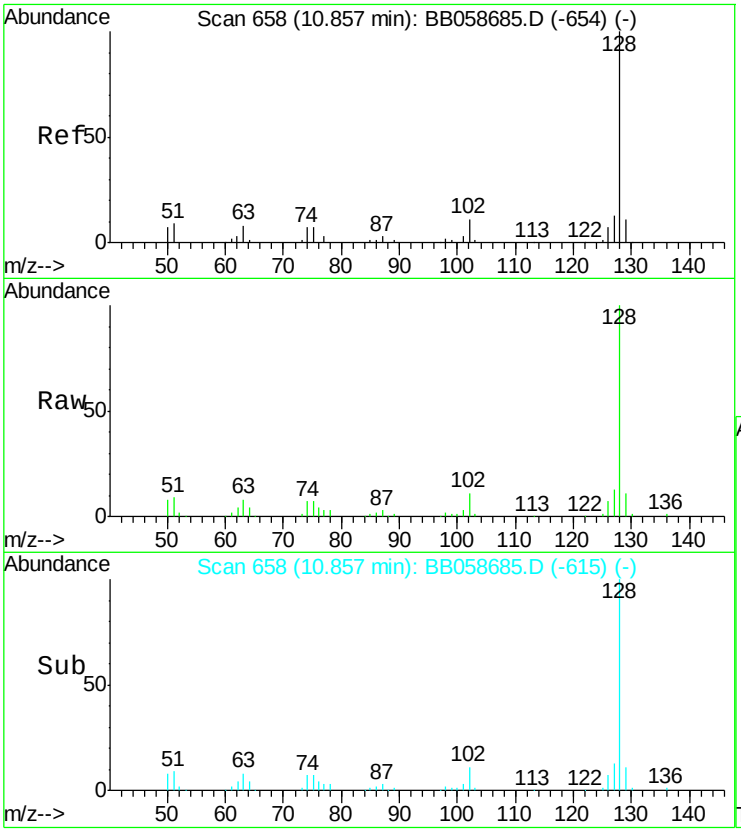


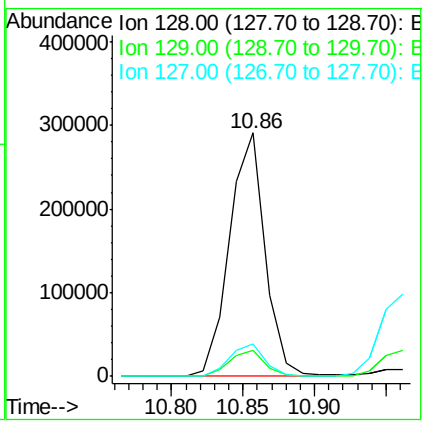


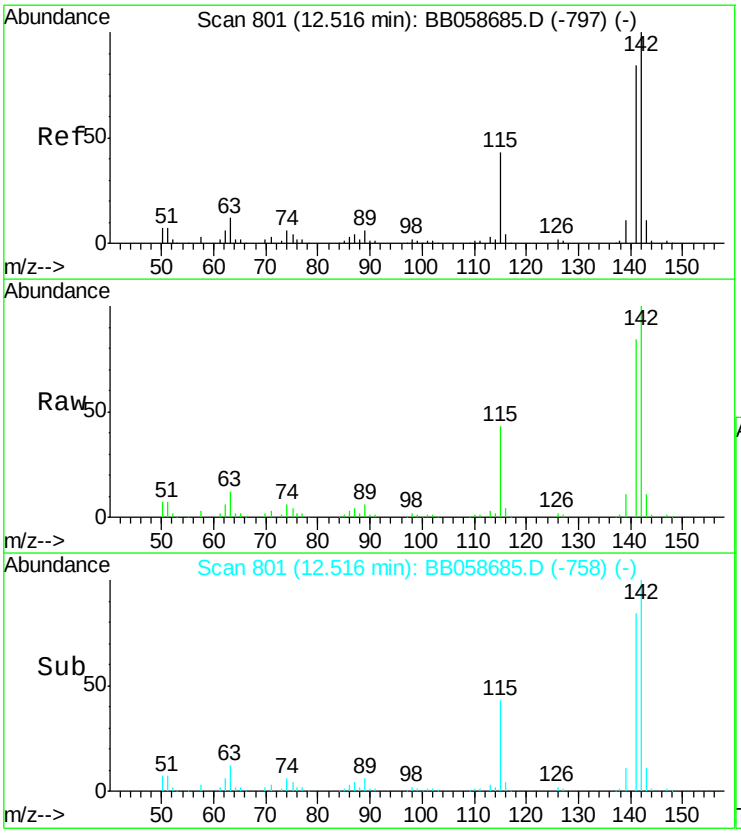
#4
Naphthalene
Concen: 19.65 ng/ul
RT: 10.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:128 Resp: 503811

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.6	15.8

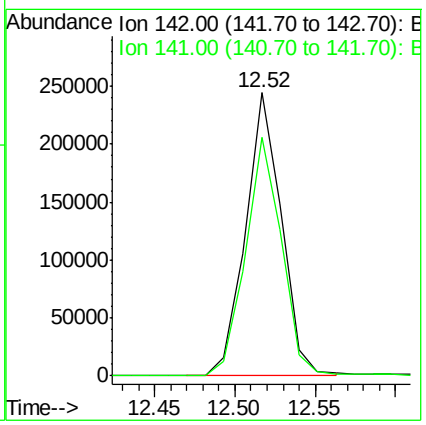


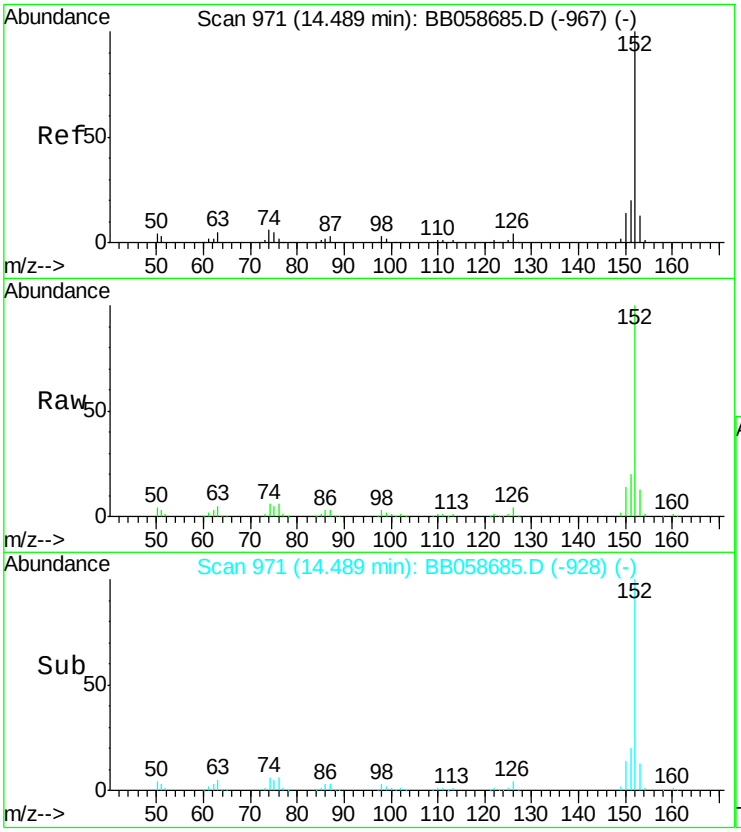


#5
2-Methylnaphthalene
Concen: 19.62 ng/ul
RT: 12.52 min Scan# 801
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:142 Resp: 378476

Ion	Ratio	Lower	Upper
142	100		
141	84.4	67.5	101.3



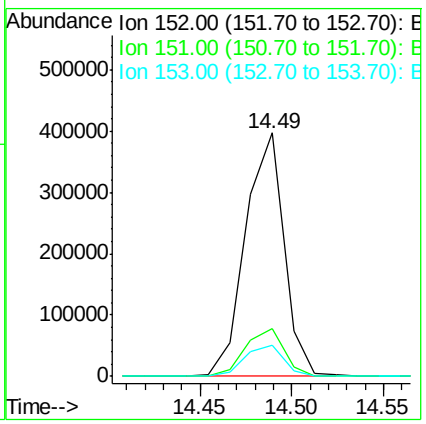


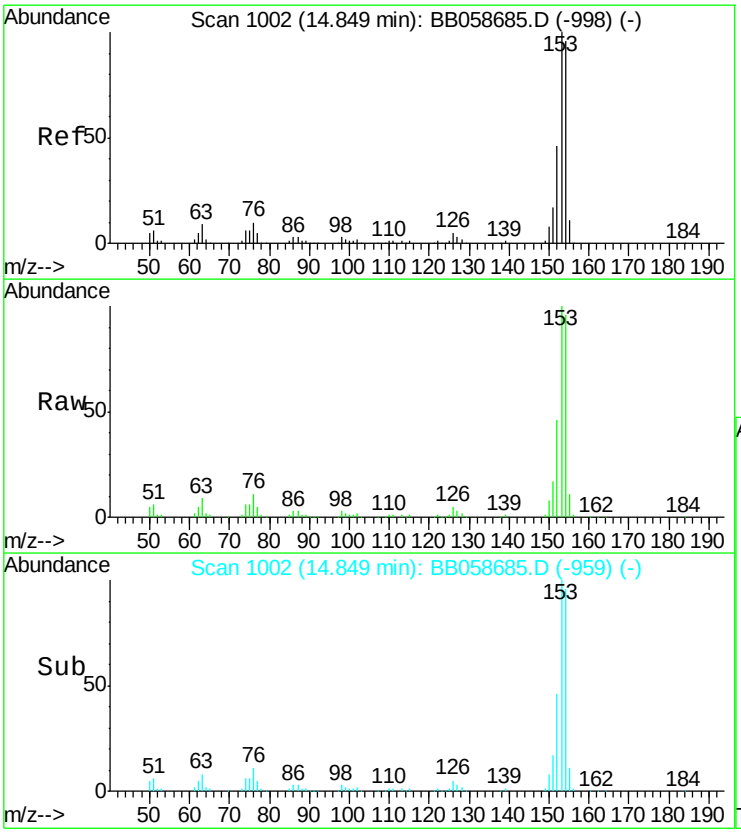
#8
Acenaphthylene
Concen: 21.82 ng/ul
RT: 14.49 min Scan# 971
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:152 Resp: 579416

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.4	15.6

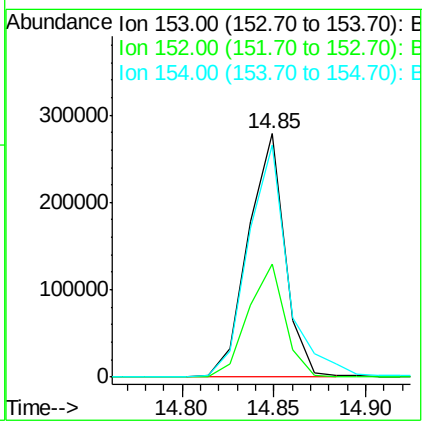


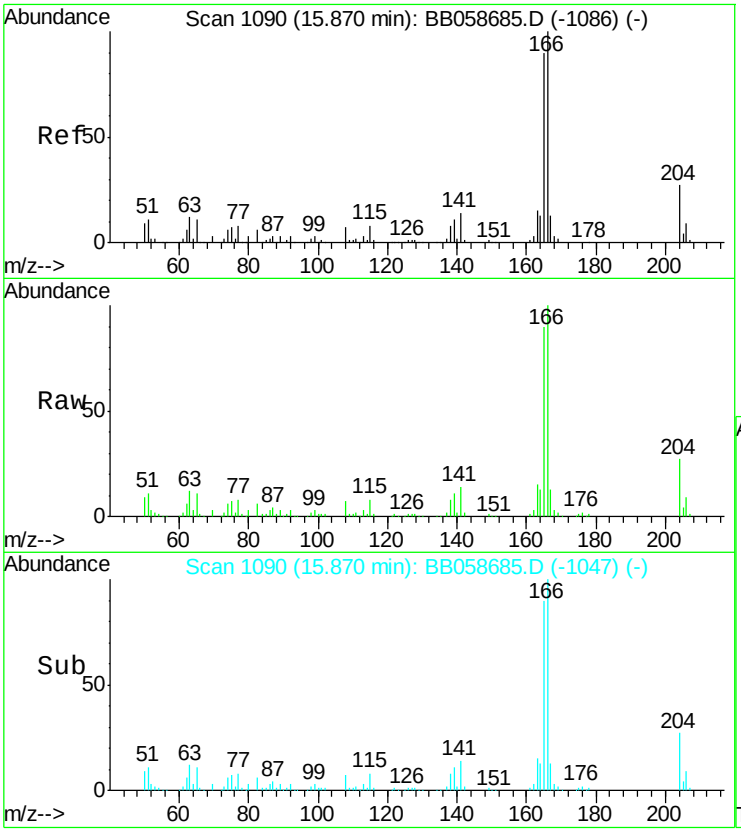


#9
Acenaphthene
Concen: 21.96 ng/ul
RT: 14.85 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:153 Resp: 391519

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.0	55.4
154	95.6	76.5	114.7



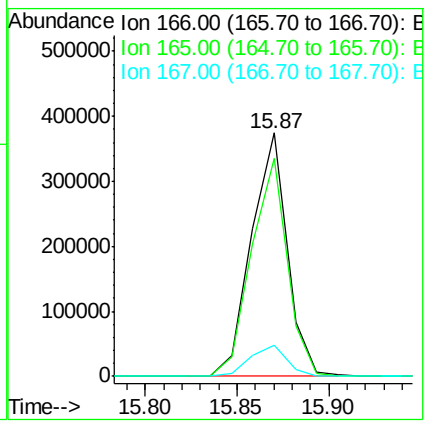


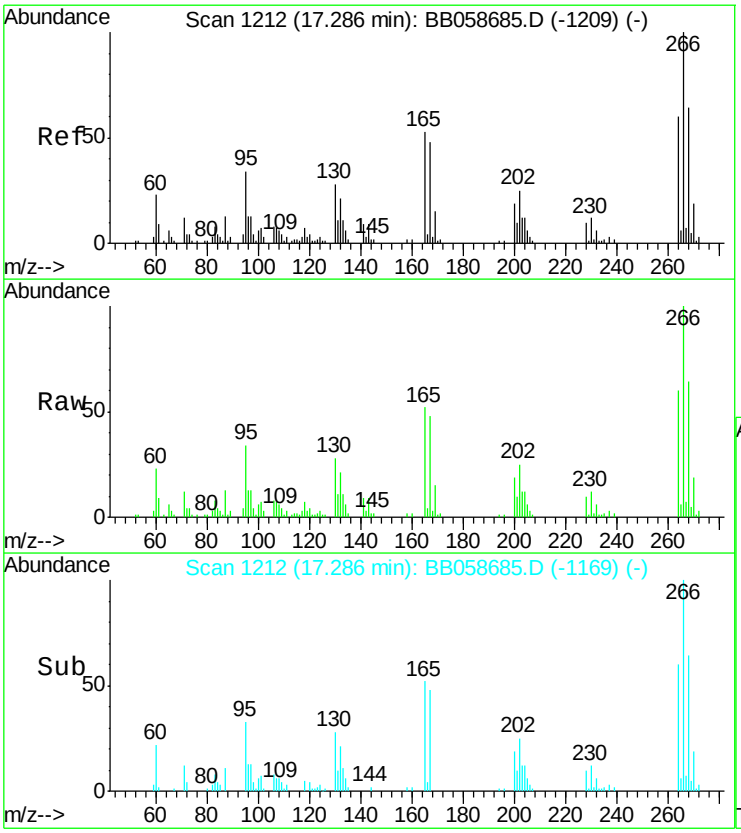
#11
Fluorene
Concen: 21.86 ng/ul
RT: 15.87 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:166 Resp: 505973

Ion	Ratio	Lower	Upper
166	100		
165	89.5	71.6	107.4
167	12.9	10.3	15.5

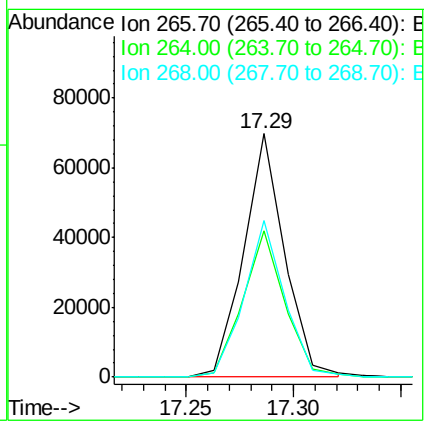


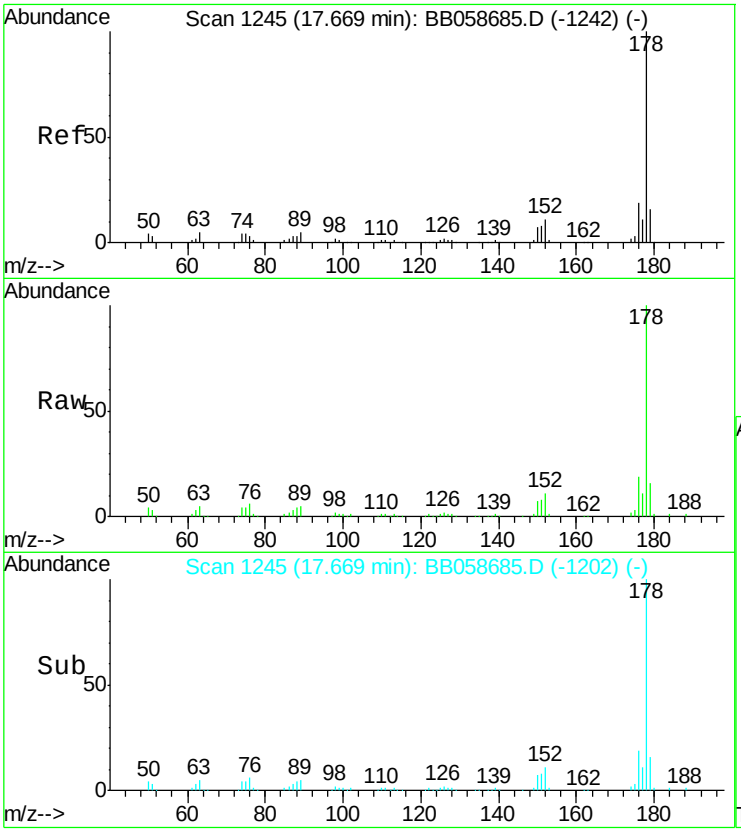


#13
Pentachlorophenol
Concen: 20.00 ng/uL
RT: 17.29 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:266 Resp: 92812

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.4	74.2
268	63.9	51.1	76.7



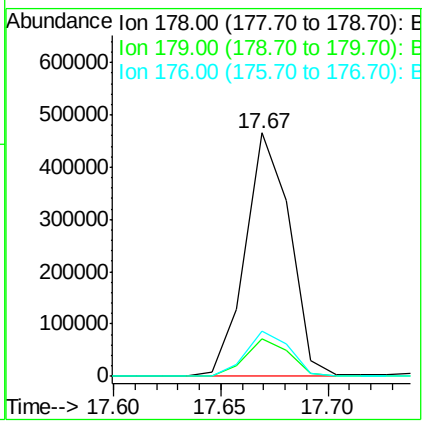


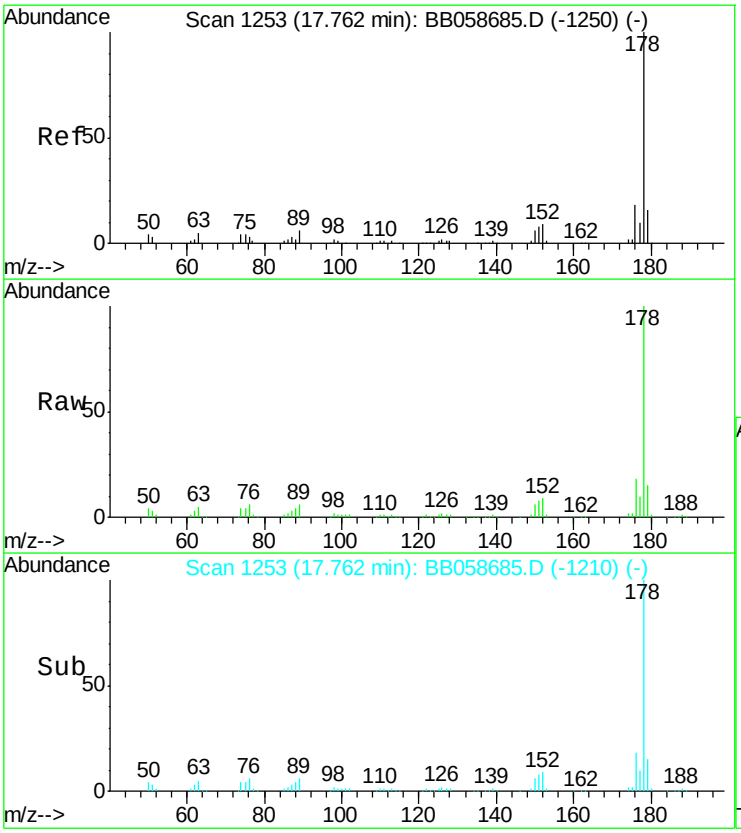
#14
Phenanthrene
Concen: 19.80 ng/ul
RT: 17.67 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:178 Resp: 675673

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.7	15.0	22.4

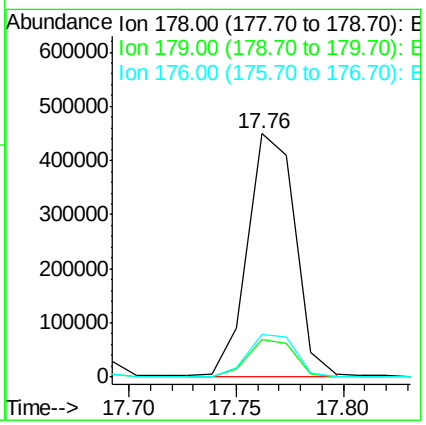


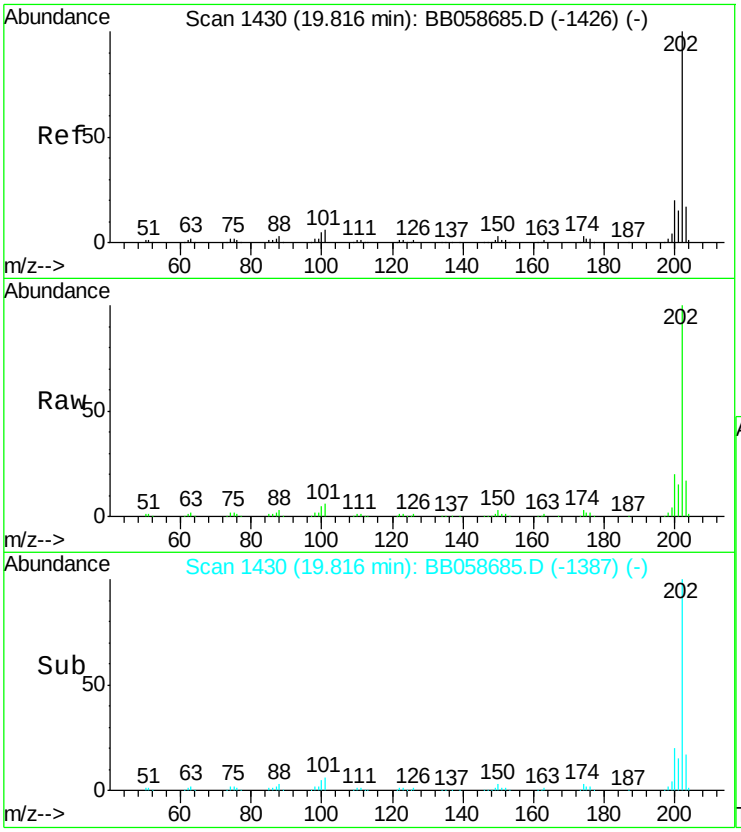


#16
Anthracene
Concen: 19.96 ng/ul
RT: 17.76 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:178 Resp: 698734

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.7	14.2	21.2



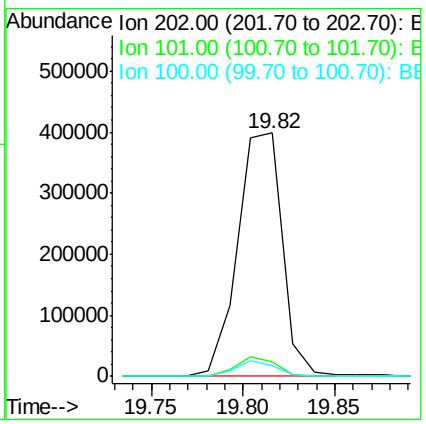


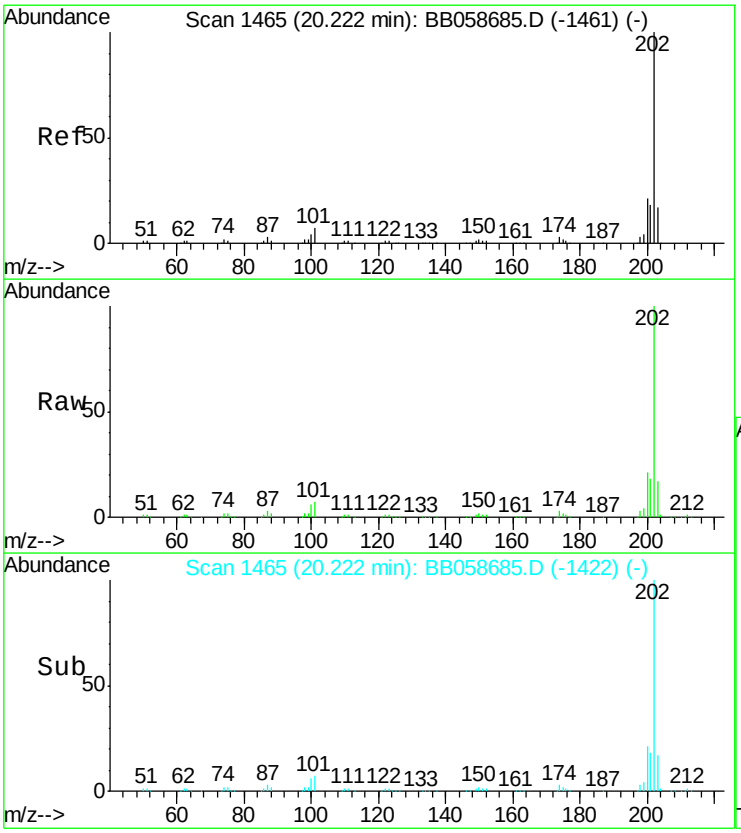
#17
Fluoranthene
Concen: 19.95 ng/ul
RT: 19.82 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:202 Resp: 679799

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	6.8
100	4.6	3.7	5.5

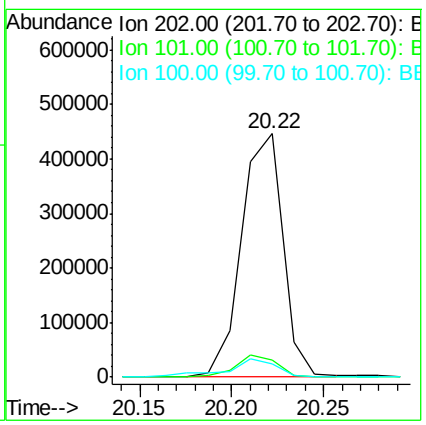


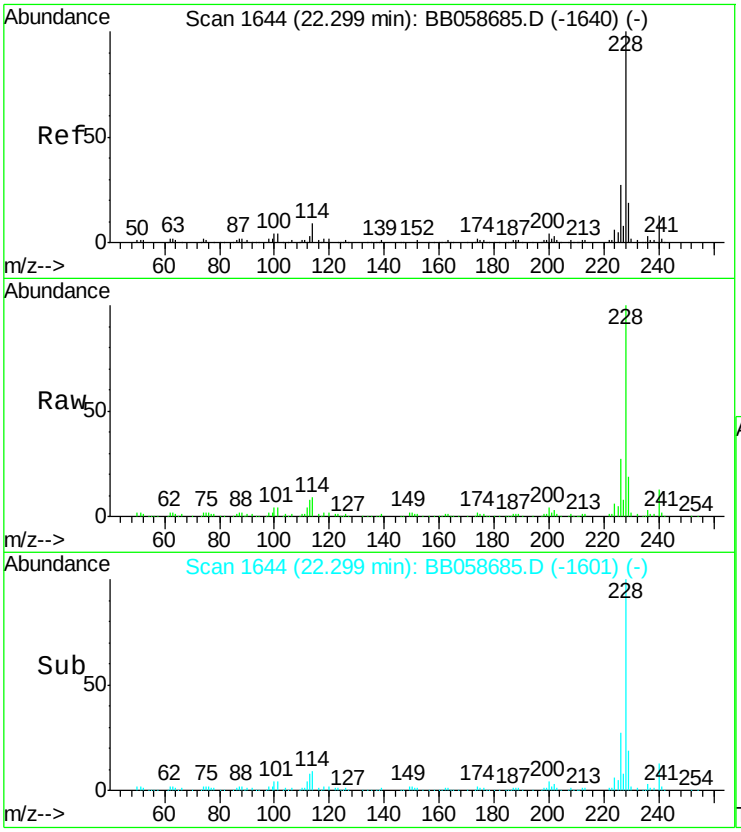


#20
Pyrene
Concen: 19.95 ng/ul
RT: 20.22 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:202 Resp: 695008

Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.8	8.6
100	5.7	4.6	6.8



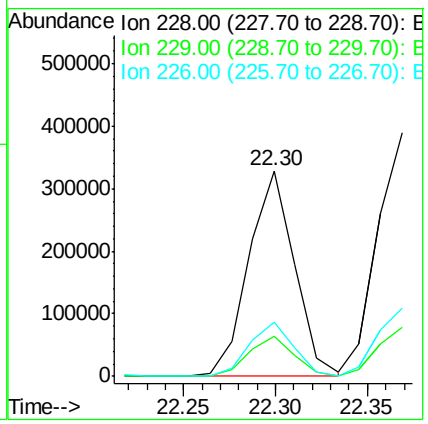


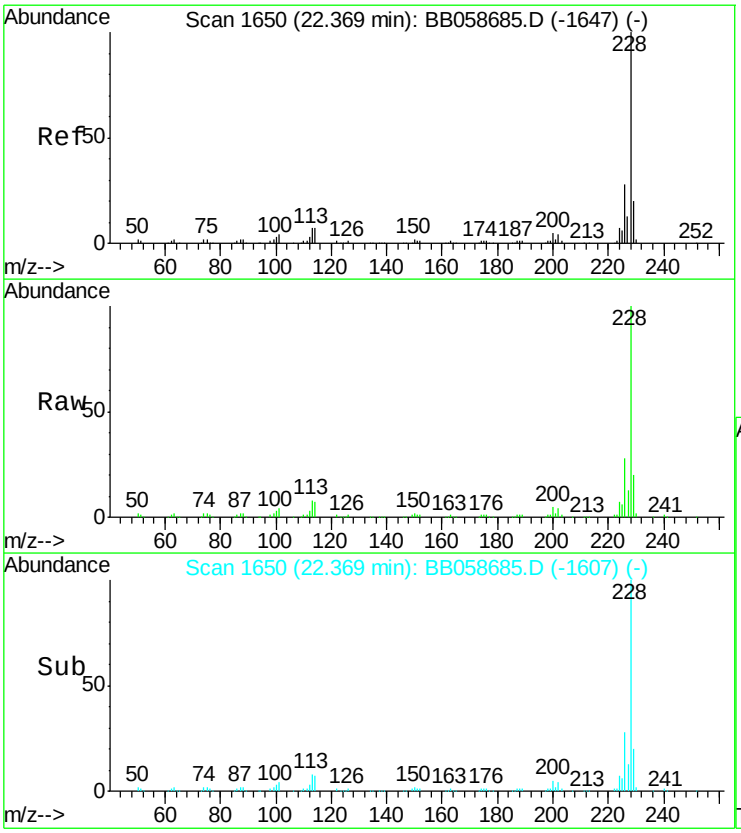
#21
Benzo(a)anthracene
Concen: 19.67 ng/ul
RT: 22.30 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:228 Resp: 572994

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	26.6	21.3	31.9

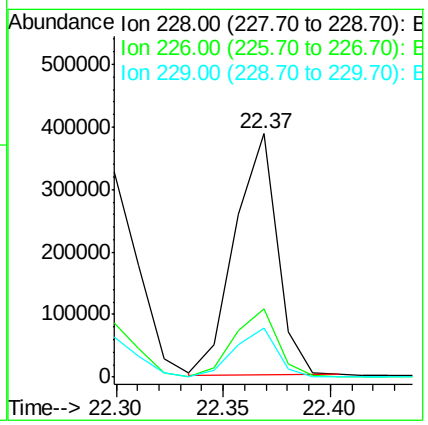


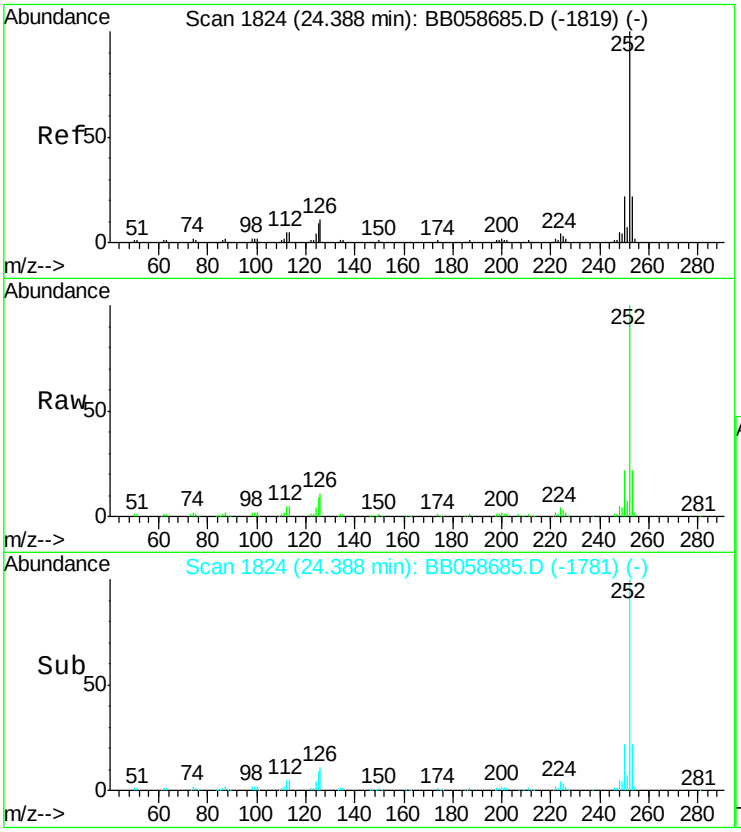


#22
Chrysene
Concen: 19.88 ng/ul
RT: 22.37 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:228 Resp: 533667

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.2	16.2	24.2



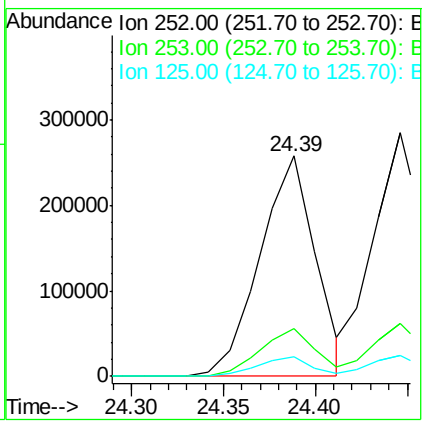


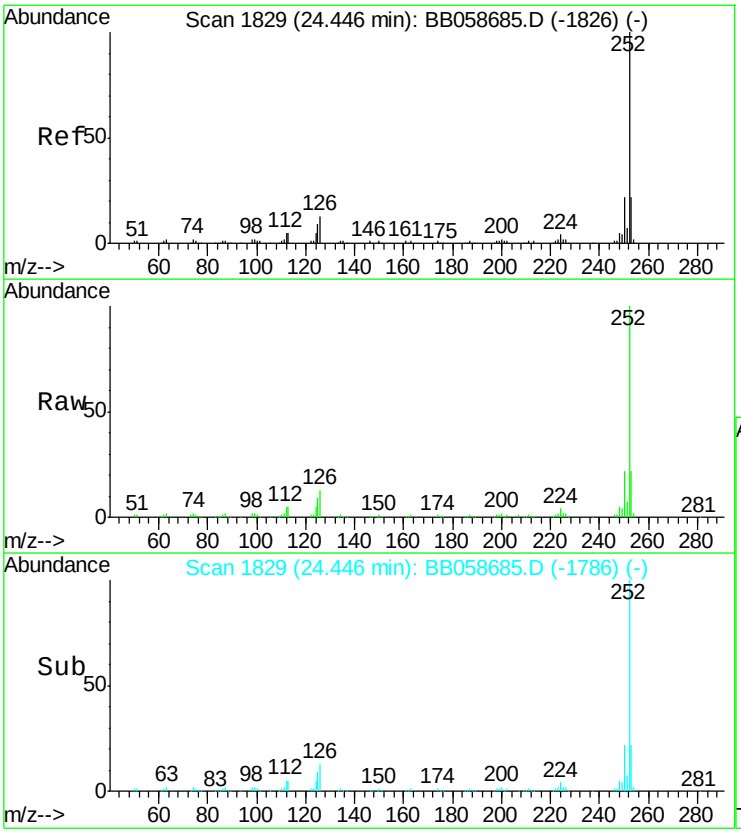
#24
Benzo(b)fluoranthene
Concen: 19.32 ng/ul
RT: 24.39 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:252 Resp: 543461

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.7	7.0	10.4

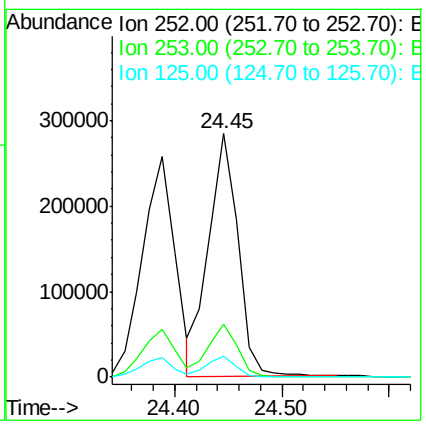


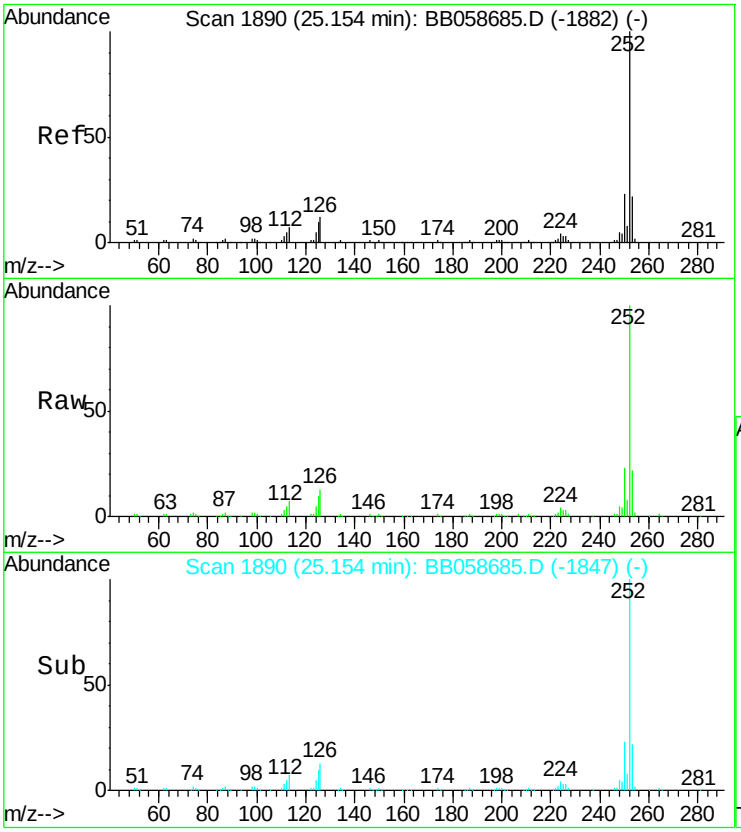


#25
Benzo(k)fluoranthene
Concen: 21.32 ng/ul
RT: 24.45 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:252 Resp: 544408

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.7	7.0	10.4



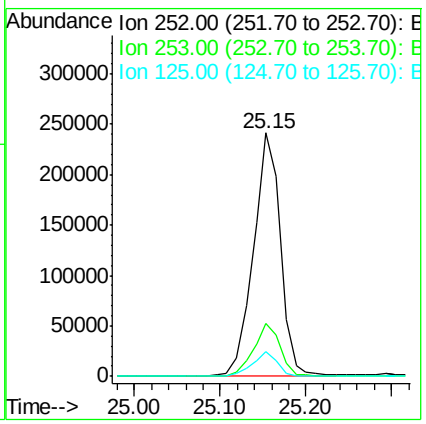


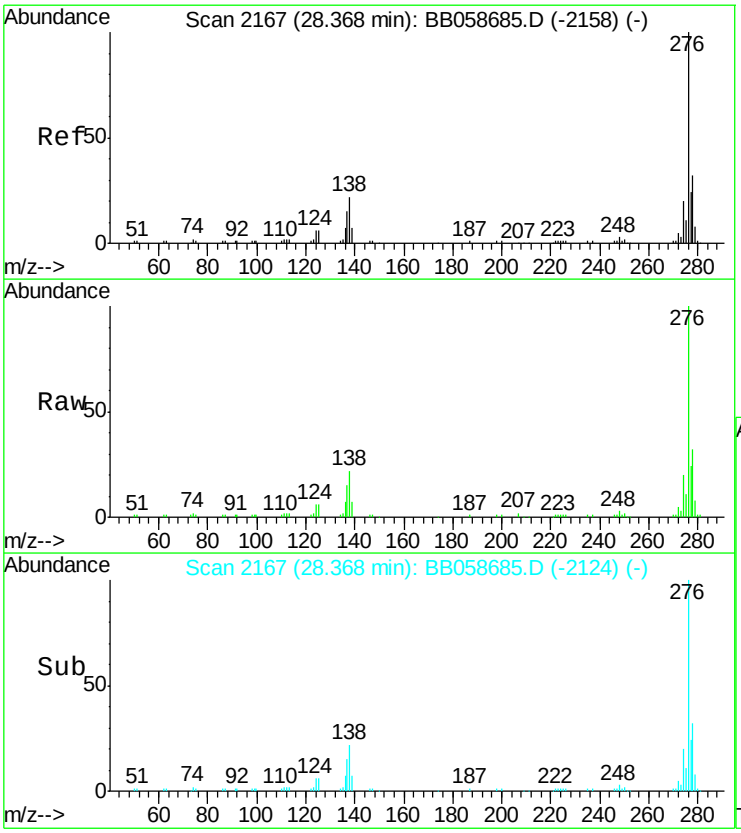
#27
Benzo(a)pyrene
Concen: 20.19 ng/ul
RT: 25.15 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:252 Resp: 533464

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.1	8.1	12.1

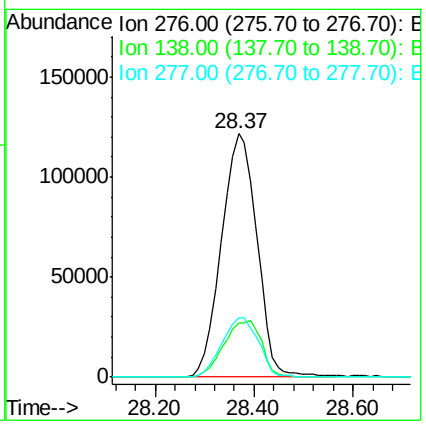


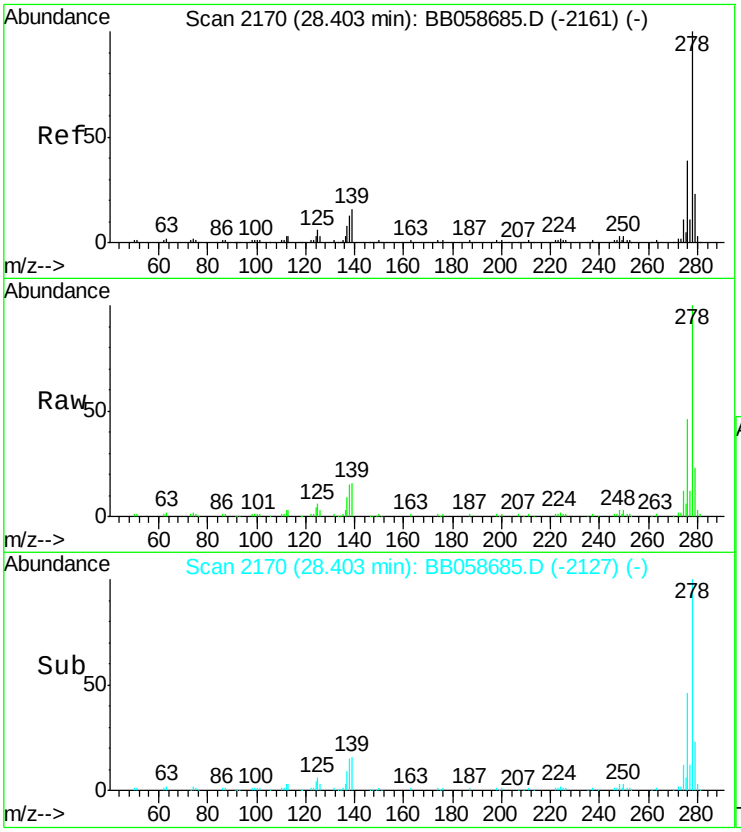


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.12 ng/ul
RT: 28.37 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:276 Resp: 607294

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.6	26.4
277	24.4	19.5	29.3



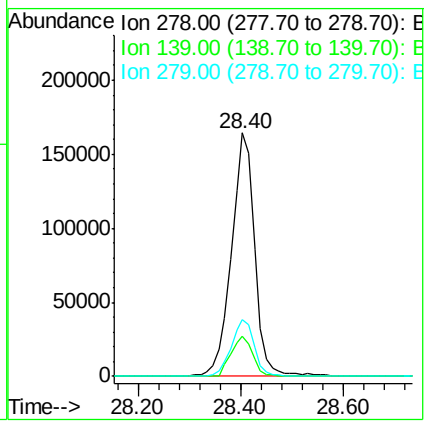


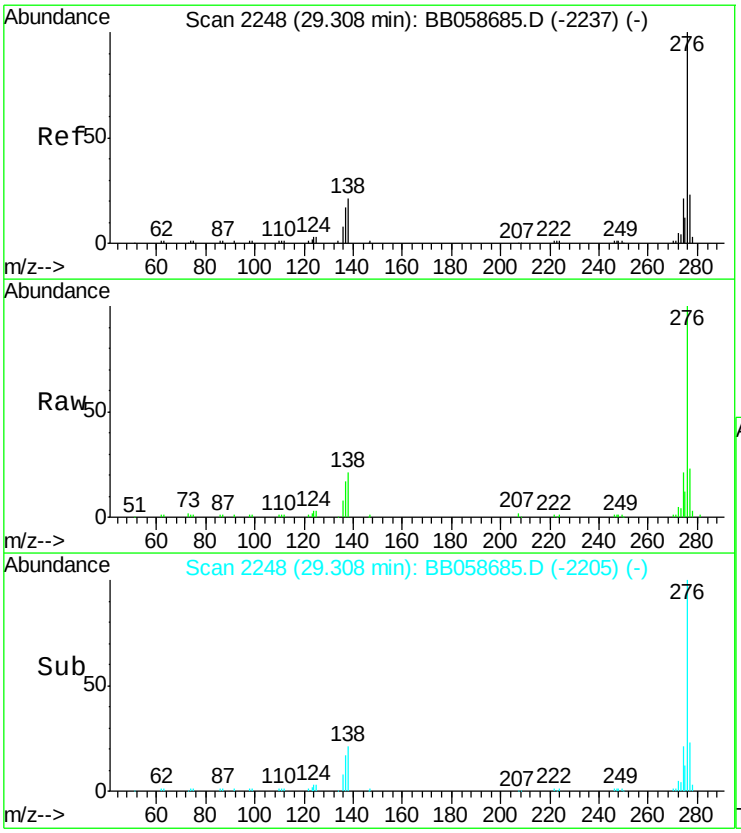
#29
Dibenzo(a,h)anthracene
Concen: 20.10 ng/ul
RT: 28.40 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Instrument :
BNA_B
ClientSampleId :
SSTD02078

Tgt Ion:278 Resp: 516088

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	23.1	18.5	27.7





#30
Benzo(g,h,i)perylene
Concen: 20.14 ng/ul
RT: 29.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BB058685.D
Acq: 3 Mar 2017 13:56

Tgt Ion:276 Resp: 502291

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.4
277	22.9	18.3	27.5