Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
Data File : BB058688.D
Acq On : 3 Mar 2017 16:07
Operator : UM/SJ
Sample : SSTD16081
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD16081

Quant Time: Mar 15 01:34:46 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	7.91	152	191053	20.00	ng/ul	0.01
2) Naphthalene-d8	10.83	136	667655	20.00	ng/ul	0.03
6) Acenaphthene-d10	14.81	164	459072	20.00	ng/ul	0.03
12) Phenanthrene-d10	17.66	188	750794	20.00	ng/ul	0.04
18) Chrysene-d12	22.36	240	803206	20.00	ng/ul	0.04
23) Perylene-d12	25.35	264	644753	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	2467550	194.67	ng/uL	0.07
7) Acenaphthylene-d8	14.52	160	6847332	172.84	ng/ul	0.06
10) Fluorene-d10	15.86	176	4774835	175.65	ng/ul	0.05
15) Anthracene-d10	17.66	188	750794	21.25	ng/ul	-0.07
19) Pyrene-d10	20.24	212	5666118	143.72	ng/ul	0.05
26) Benzo(a)pyrene-d12	25.20	264	5303852	186.50	ng/ul	0.11
Target Compounds						Qvalue
4) Naphthalene	10.90	128	5869971	183.23	ng/ul#	92
5) 2-Methylnaphthalene	12.57	142	4519208	187.53	ng/ul	97
8) Acenaphthylene	14.55	152	6230987	163.94	ng/ul#	85
9) Acenaphthene	14.90	153	4246212	166.39	ng/ul	92
11) Fluorene	15.93	166	5249112	158.42	ng/ul#	96
13) Pentachlorophenol	17.34	266	1181981	204.65	ng/uL	99
14) Phenanthrene	17.73	178	6819696	160.56	ng/ul#	89
16) Anthracene	17.83	178	6299721	144.62	ng/ul#	76
17) Fluoranthene	19.85	202	6653782	156.88	ng/ul#	69
20) Pyrene	20.28	202	6739490	127.00	ng/ul#	72
21) Benzo(a)anthracene	22.35	228	6662918	150.12	ng/ul	93
22) Chrysene	22.35	228	6662918	162.91	ng/ul	96
24) Benzo(b)fluoranthene	24.50	252	8378423	222.39	ng/ul#	92
25) Benzo(k)fluoranthene	24.50	252	8378423	245.07	ng/ul#	92
27) Benzo(a)pyrene	25.28	252	6646809	187.84	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	28.65	276	7401539	183.13	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.64	278	6311782	183.53	ng/ul#	95
30) Benzo(g,h,i)perylene	29.53	276	5851691	175.25	ng/ul#	95

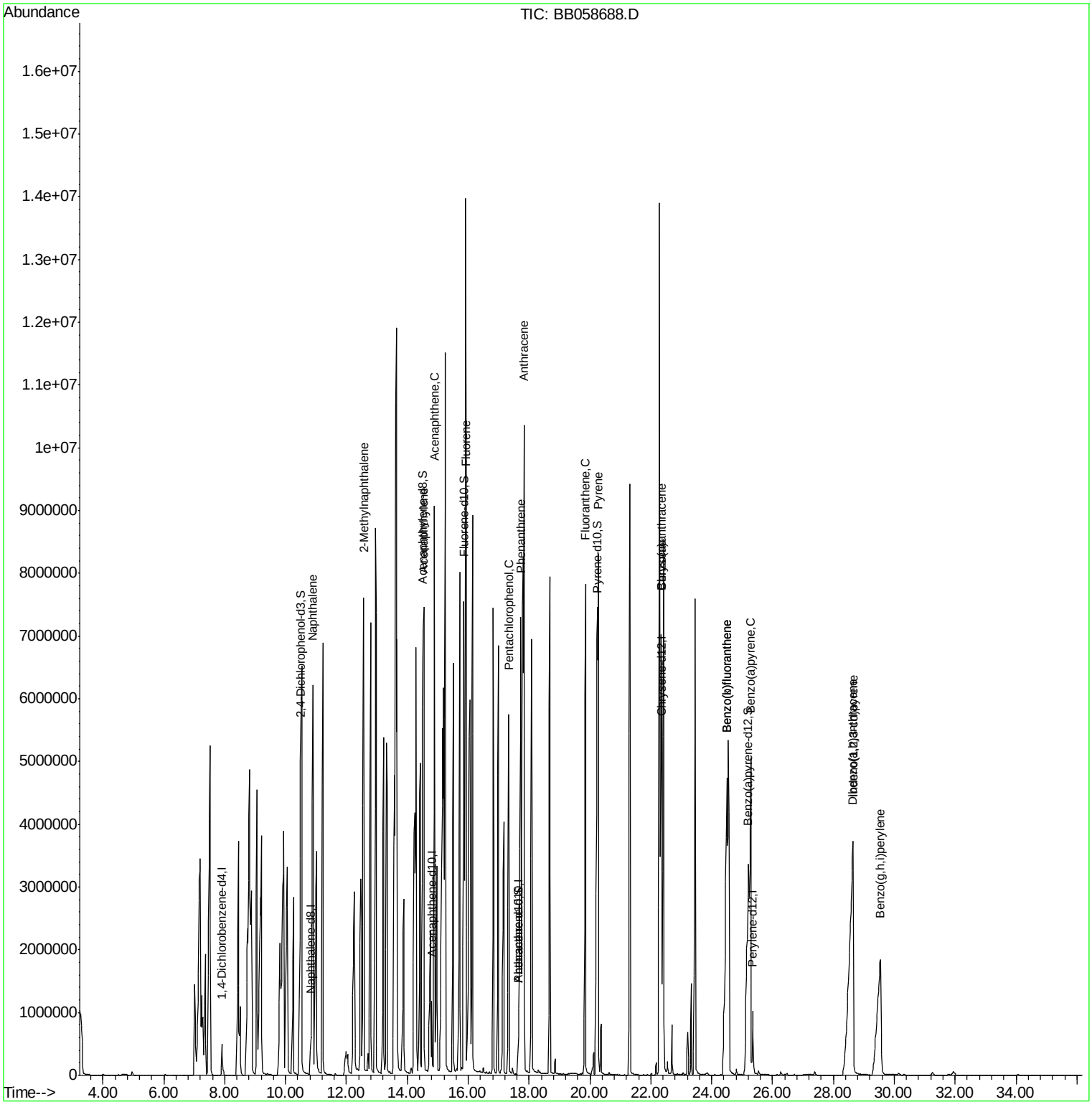
(#) = qualifier out of range (m) = manual integration (+) = signals summed

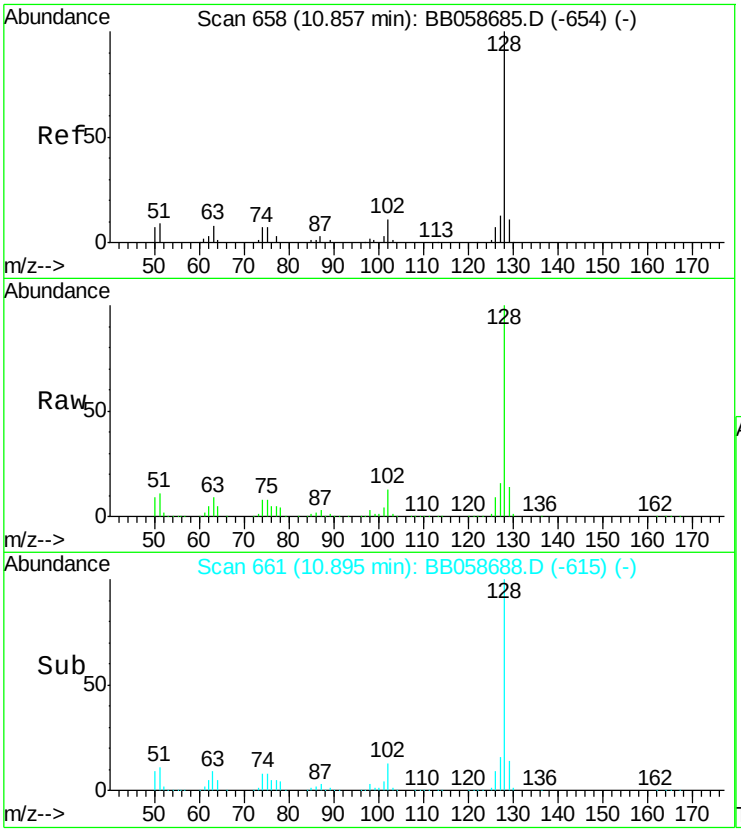
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
Data File : BB058688.D
Acq On : 3 Mar 2017 16:07
Operator : UM/SJ
Sample : SSTD16081
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Quant Time: Mar 15 01:34:46 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



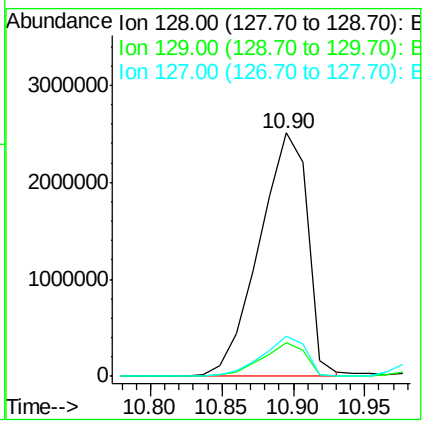


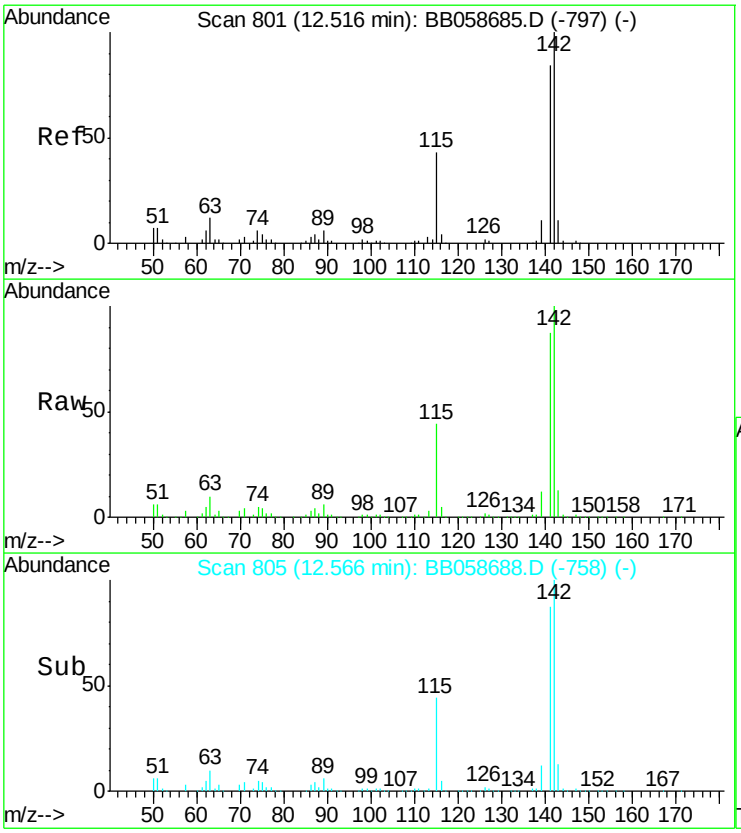
#4
Naphthalene
Concen: 183.23 ng/ul
RT: 10.90 min Scan# 661
Delta R.T. 0.04 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:128 Resp: 5869971

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.7	13.1#
127	16.4	10.6	15.8#

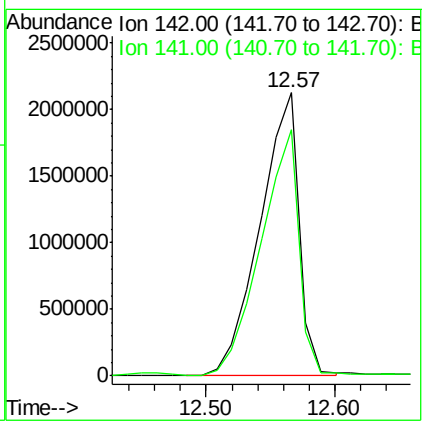


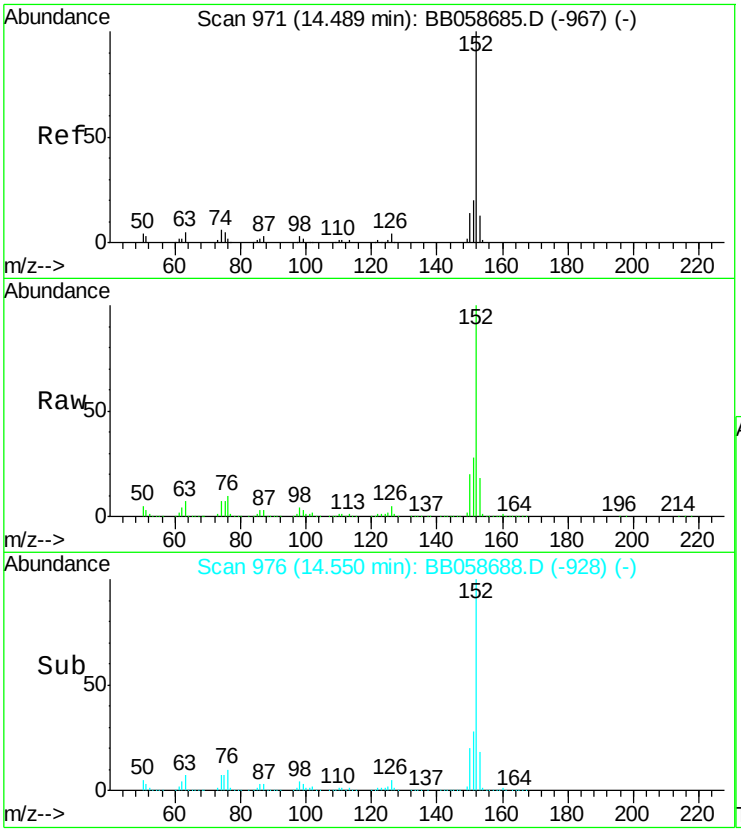


#5
2-Methylnaphthalene
Concen: 187.53 ng/ul
RT: 12.57 min Scan# 805
Delta R.T. 0.05 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:142 Resp: 4519208

Ion	Ratio	Lower	Upper
142	100		
141	86.9	67.5	101.3



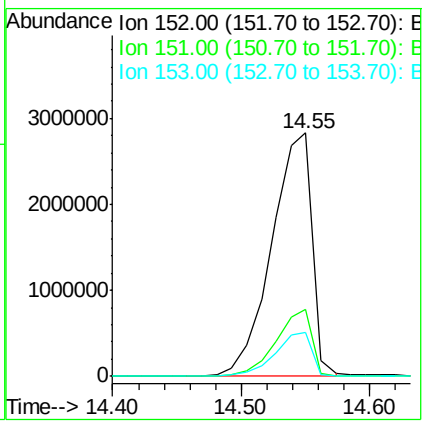


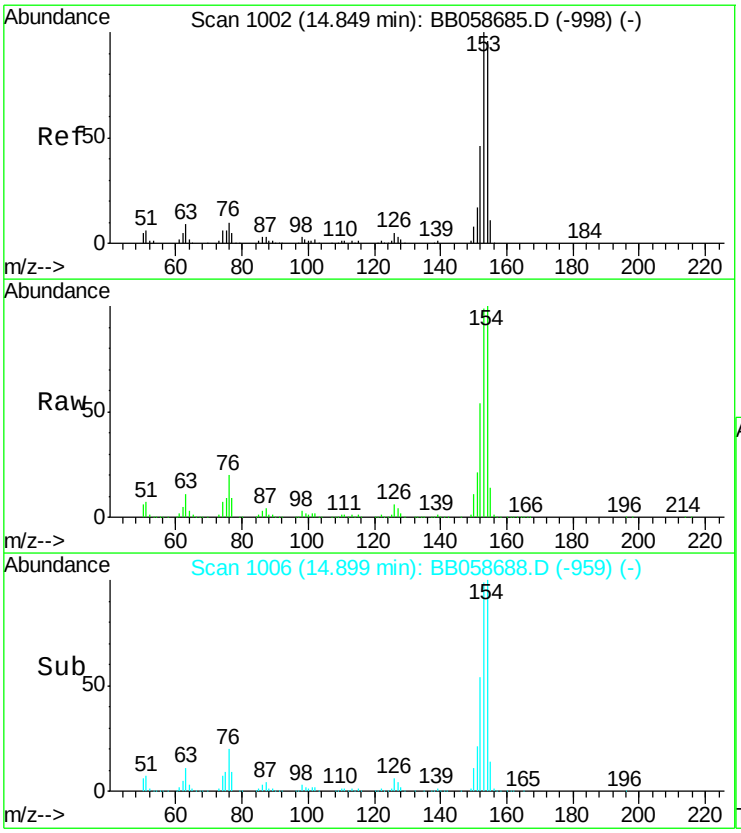
#8
Acenaphthylene
Concen: 163.94 ng/ul
RT: 14.55 min Scan# 976
Delta R.T. 0.06 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:152 Resp: 6230987

Ion	Ratio	Lower	Upper
152	100		
151	27.6	15.7	23.5#
153	17.9	10.4	15.6#

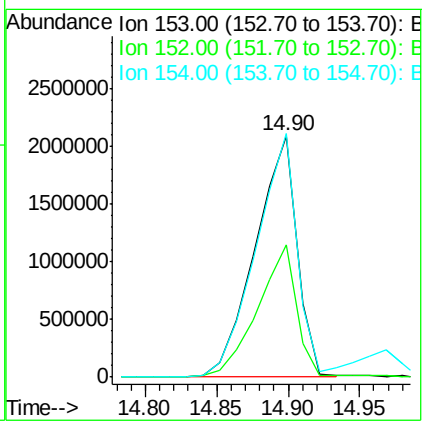


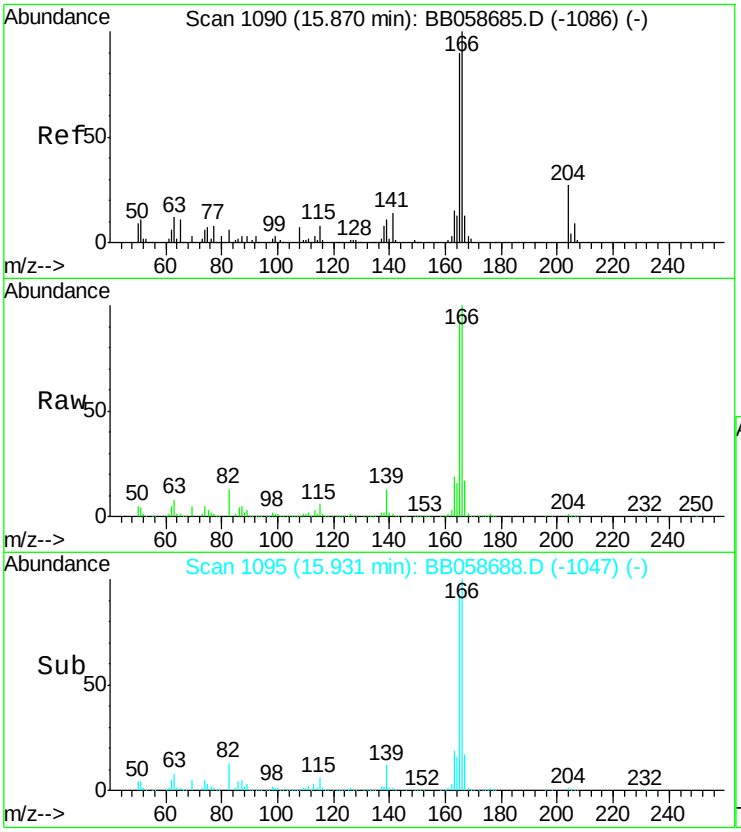


#9
Acenaphthene
Concen: 166.39 ng/ul
RT: 14.90 min Scan# 1006
Delta R.T. 0.05 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:153 Resp: 4246212

Ion	Ratio	Lower	Upper
153	100		
152	54.5	37.0	55.4
154	100.8	76.5	114.7



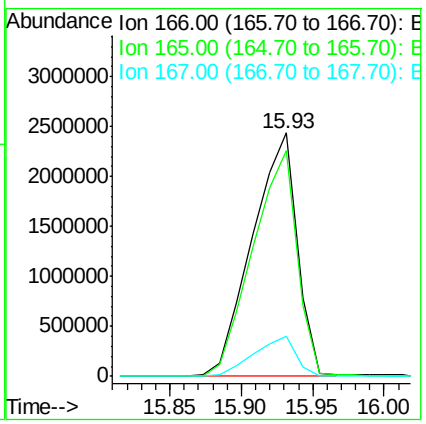


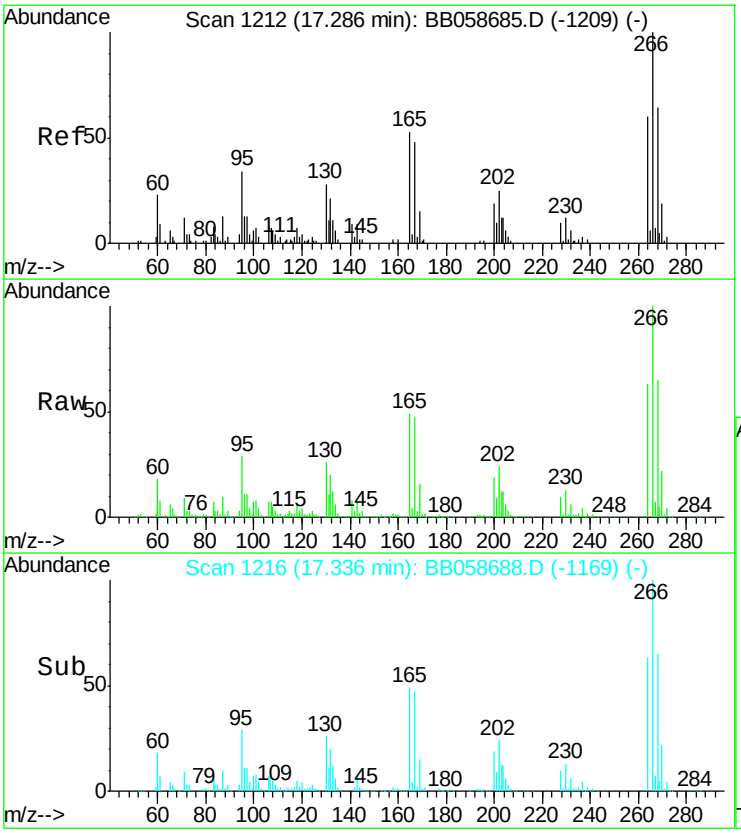
#11
Fluorene
Concen: 158.42 ng/ul
RT: 15.93 min Scan# 1095
Delta R.T. 0.06 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:166 Resp: 5249112

Ion	Ratio	Lower	Upper
166	100		
165	92.9	71.6	107.4
167	16.6	10.3	15.5#

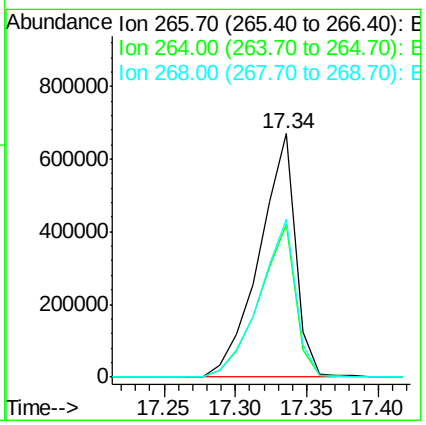


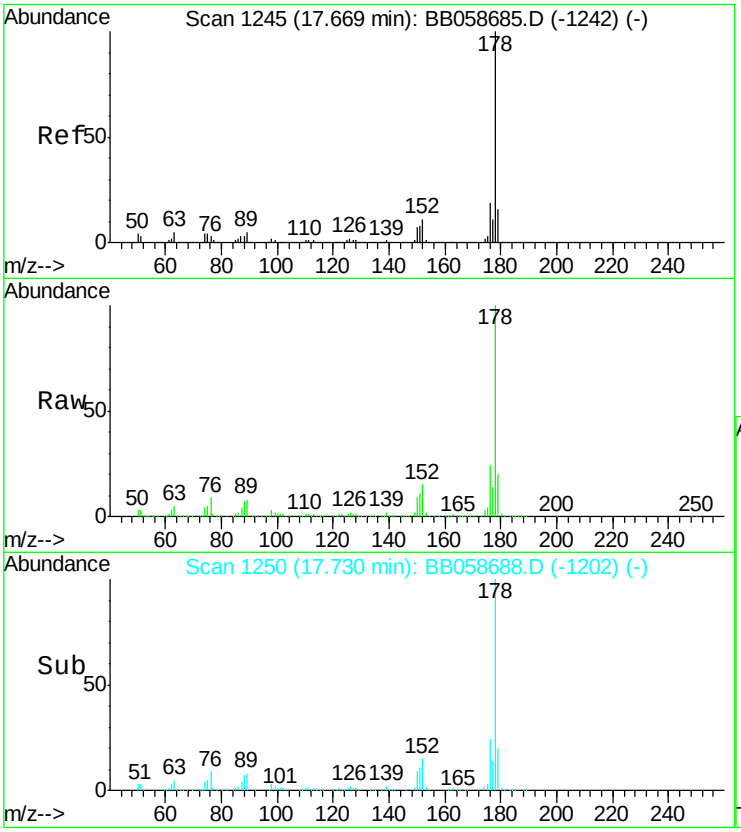


#13
Pentachlorophenol
Concen: 204.65 ng/uL
RT: 17.34 min Scan# 1216
Delta R.T. 0.05 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:266 Resp: 1181981

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.4	74.2
268	65.0	51.1	76.7



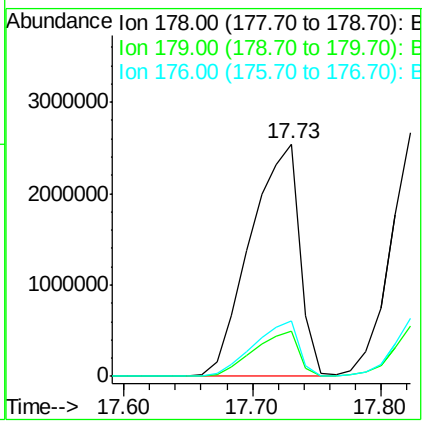


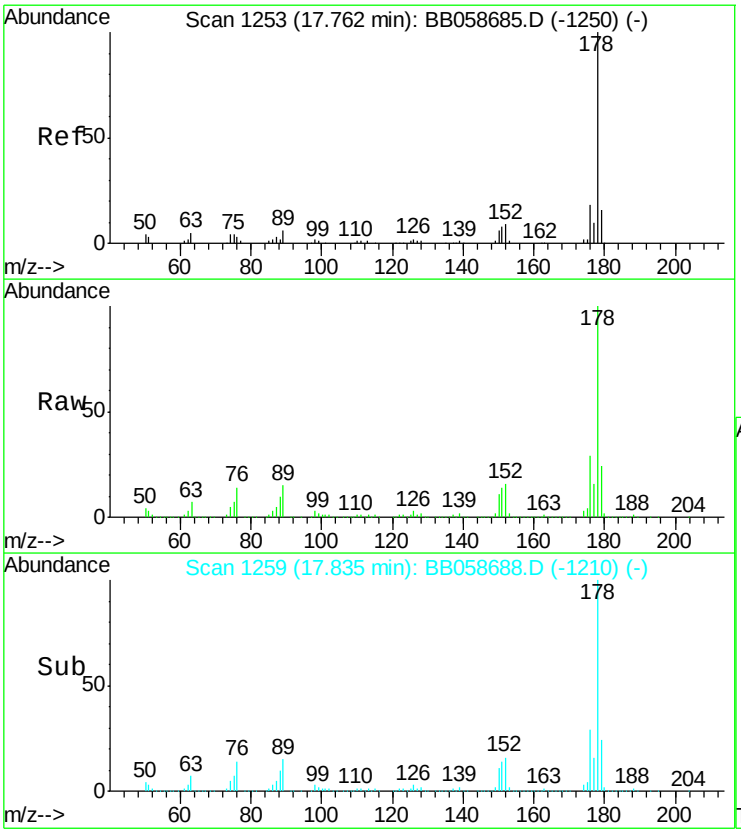
#14
Phenanthrene
Concen: 160.56 ng/ul
RT: 17.73 min Scan# 1250
Delta R.T. 0.06 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:178 Resp: 6819696

Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.5	18.7#
176	23.8	15.0	22.4#

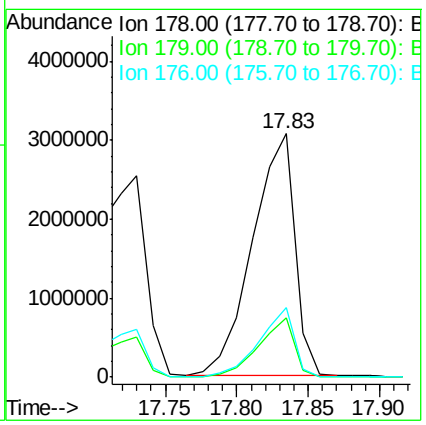


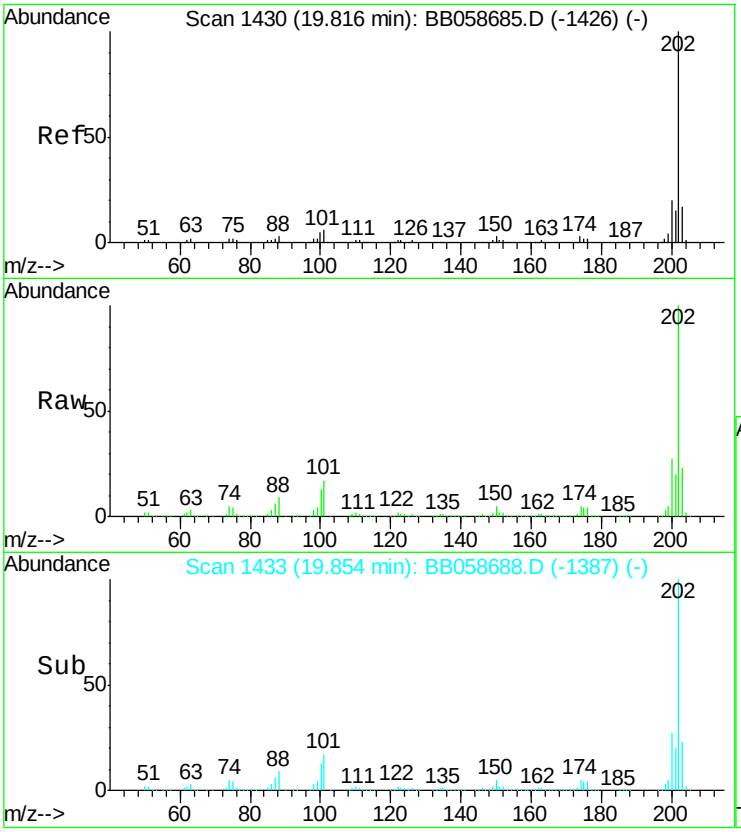


#16
Anthracene
Concen: 144.62 ng/ul
RT: 17.83 min Scan# 1259
Delta R.T. 0.07 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:178 Resp: 6299721

Ion	Ratio	Lower	Upper
178	100		
179	24.5	12.3	18.5#
176	28.8	14.2	21.2#



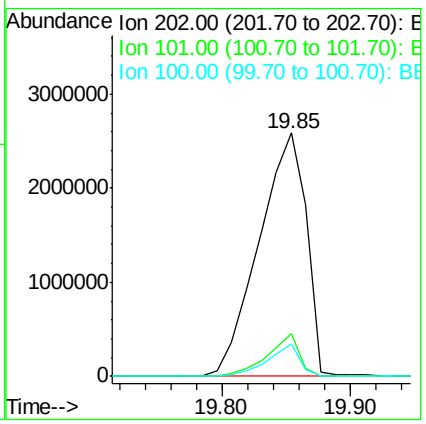


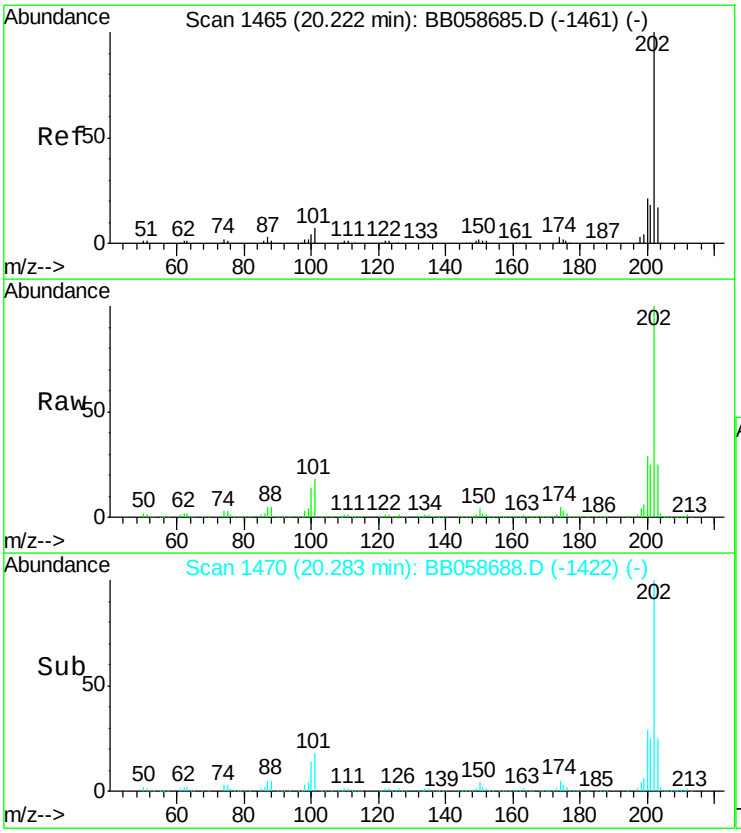
#17
Fluoranthene
Concen: 156.88 ng/ul
RT: 19.85 min Scan# 1433
Delta R.T. 0.04 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:202 Resp: 6653782

Ion	Ratio	Lower	Upper
202	100		
101	17.3	4.6	6.8#
100	13.1	3.7	5.5#

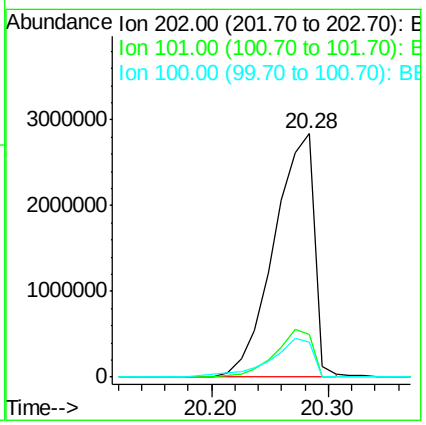


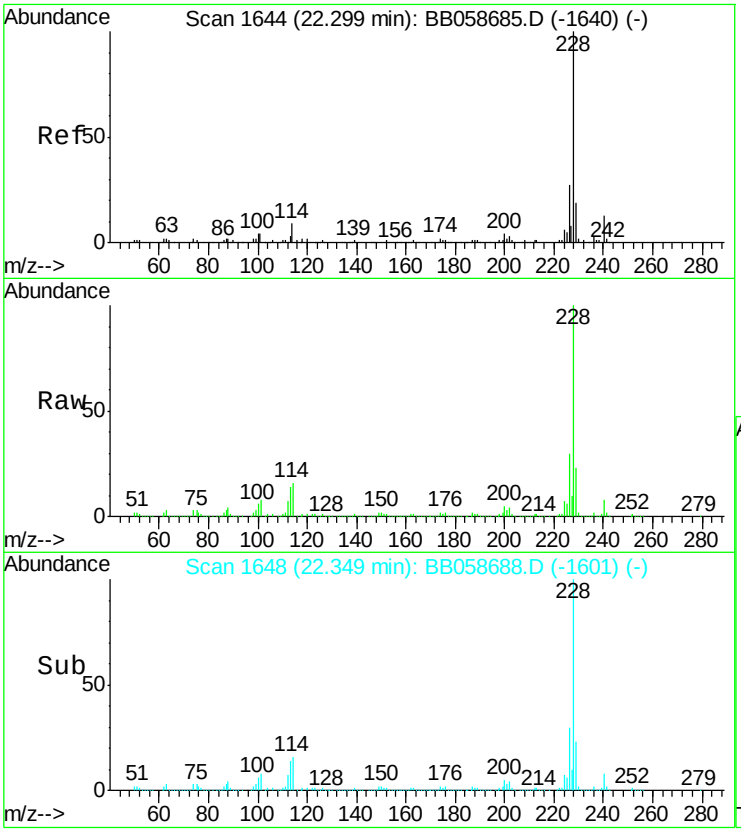


#20
Pyrene
Concen: 127.00 ng/ul
RT: 20.28 min Scan# 1470
Delta R.T. 0.06 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:202 Resp: 6739490

Ion	Ratio	Lower	Upper
202	100		
101	17.5	5.8	8.6#
100	14.5	4.6	6.8#



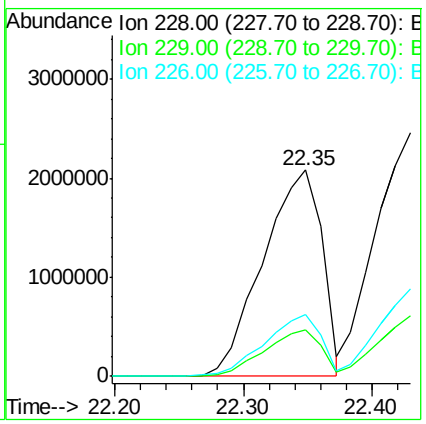


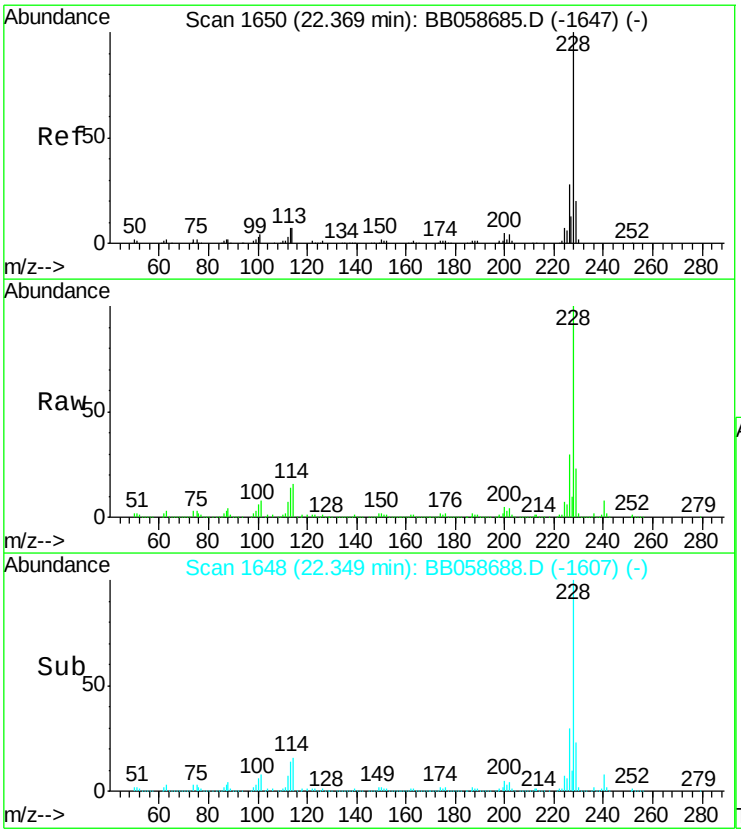
#21
Benzo(a)anthracene
Concen: 150.12 ng/ul
RT: 22.35 min Scan# 1648
Delta R.T. 0.05 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:228 Resp: 6662918

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.6	23.4
226	30.1	21.3	31.9

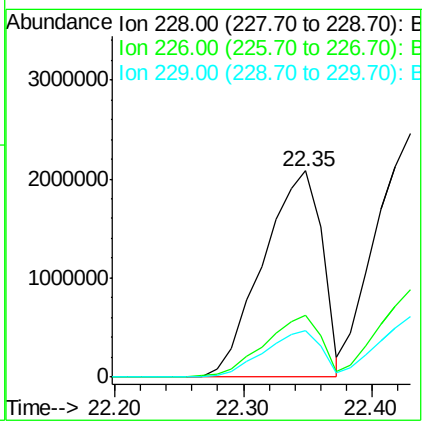


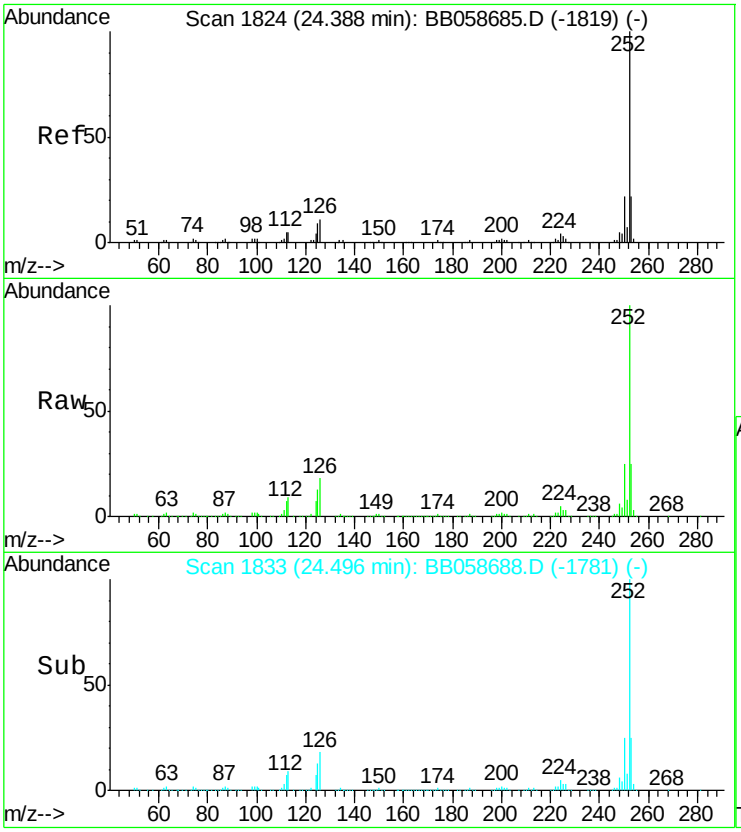


#22
Chrysene
Concen: 162.91 ng/ul
RT: 22.35 min Scan# 1648
Delta R.T. -0.02 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:228 Resp: 6662918

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.5	33.7
229	22.7	16.2	24.2



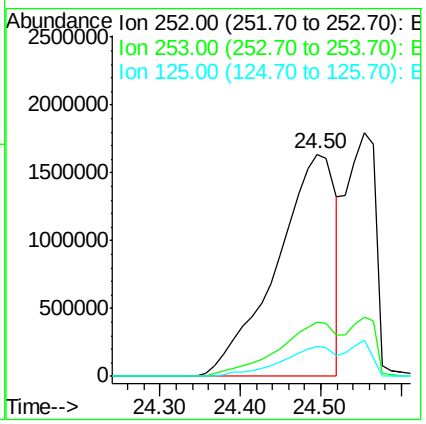


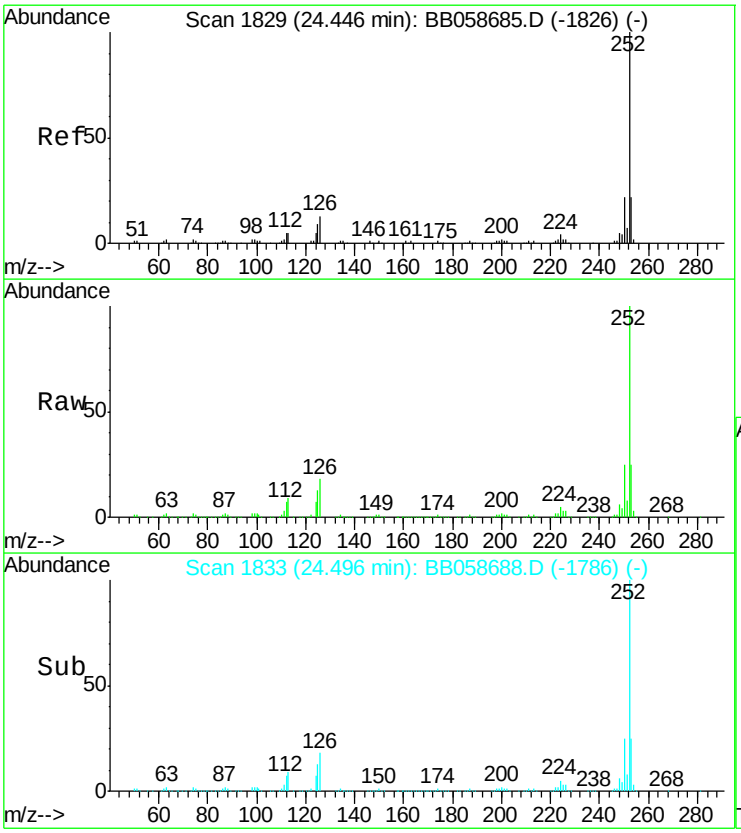
#24
Benzo(b)fluoranthene
Concen: 222.39 ng/ul
RT: 24.50 min Scan# 1833
Delta R.T. 0.11 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:252 Resp: 8378423

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	13.5	7.0	10.4#

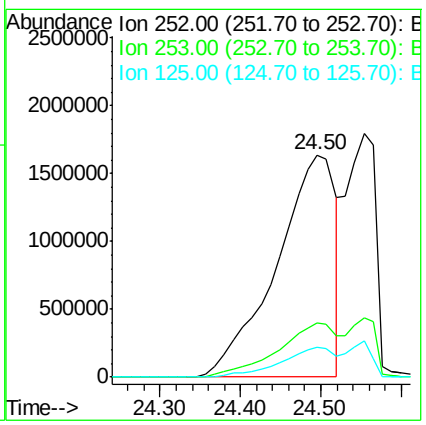


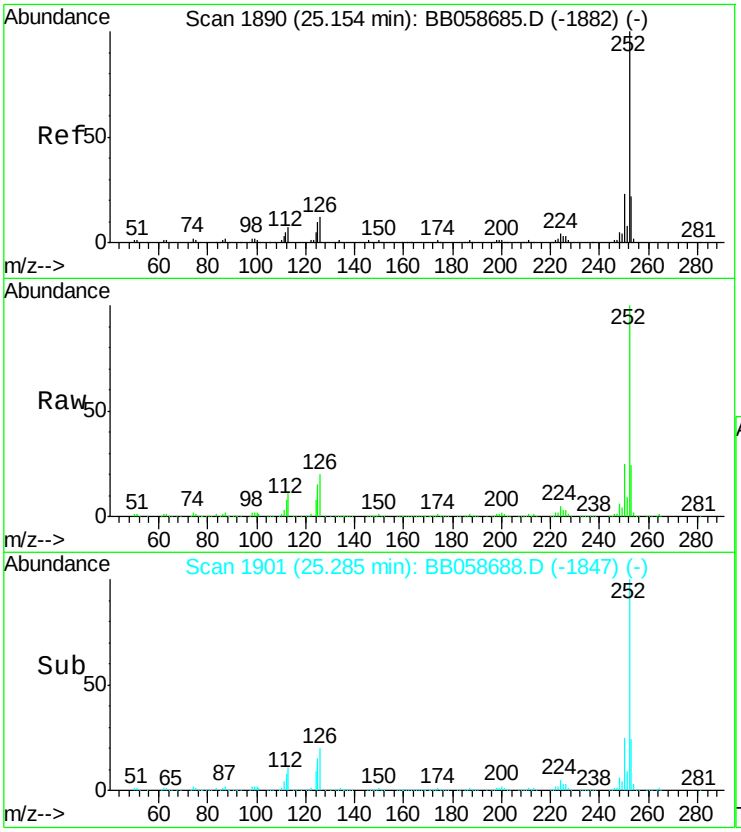


#25
Benzo(k)fluoranthene
Concen: 245.07 ng/ul
RT: 24.50 min Scan# 1833
Delta R.T. 0.05 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:252 Resp: 8378423

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	13.5	7.0	10.4#



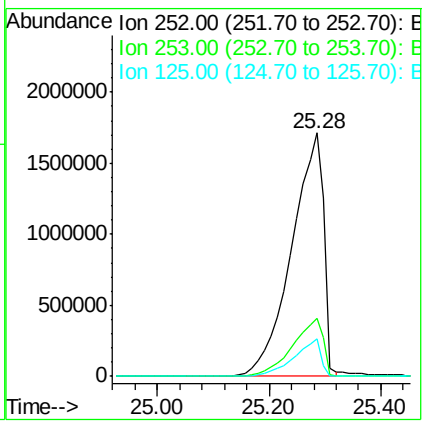


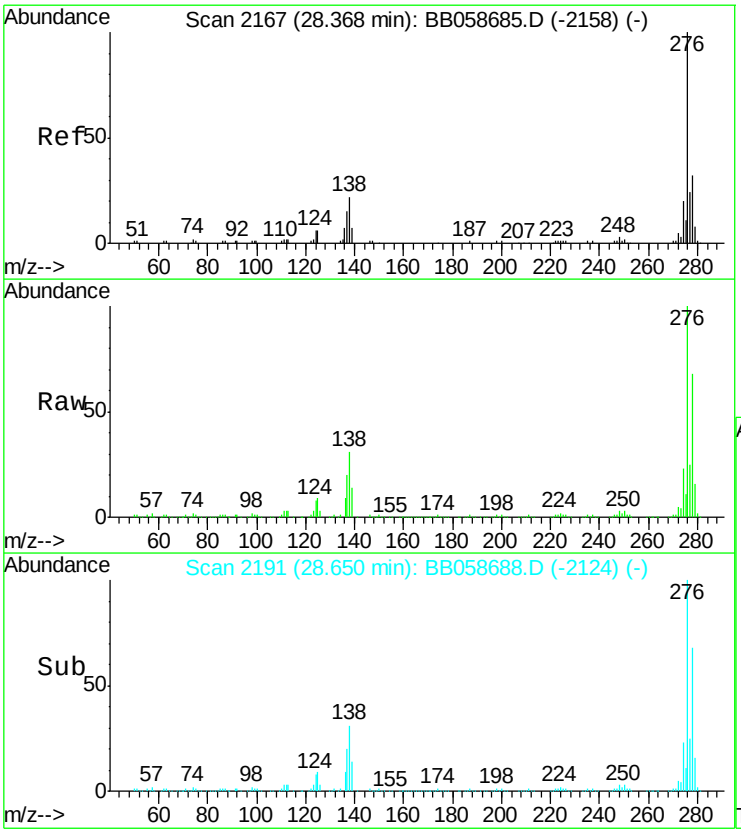
#27
Benzo(a)pyrene
Concen: 187.84 ng/ul
RT: 25.28 min Scan# 1901
Delta R.T. 0.13 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:252 Resp: 6646809

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	15.3	8.1	12.1#

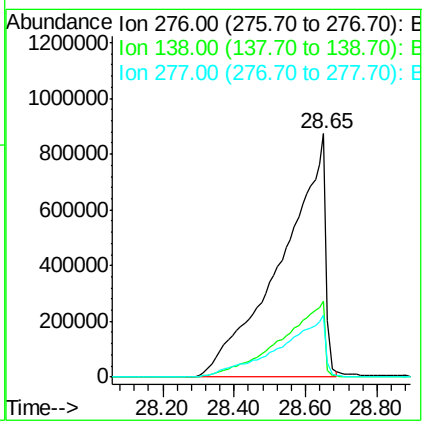


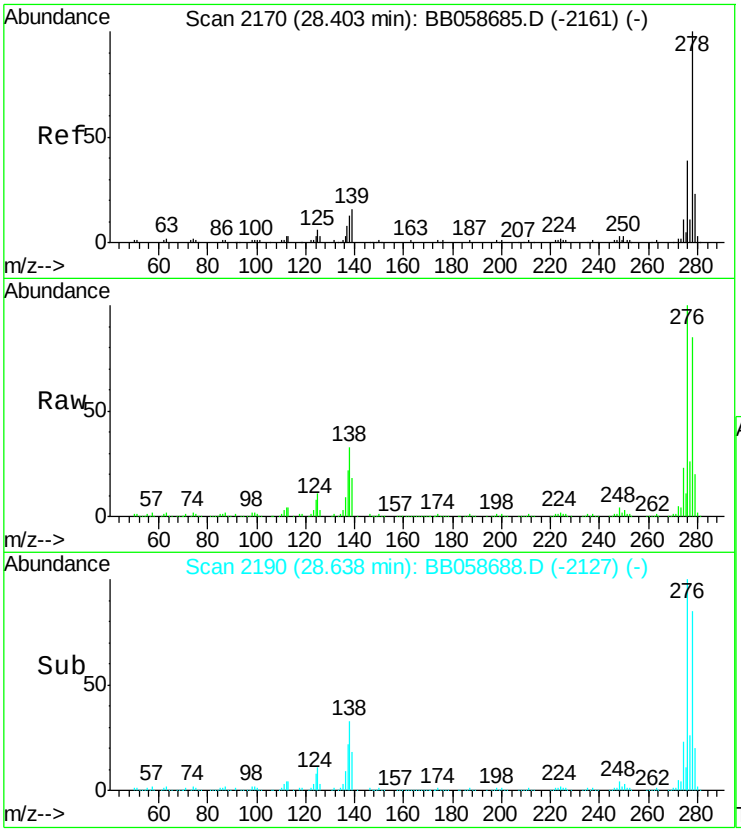


#28
Indeno(1,2,3-cd)pyrene
Concen: 183.13 ng/ul
RT: 28.65 min Scan# 2191
Delta R.T. 0.28 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:276 Resp: 7401539

Ion	Ratio	Lower	Upper
276	100		
138	31.4	17.6	26.4#
277	25.4	19.5	29.3



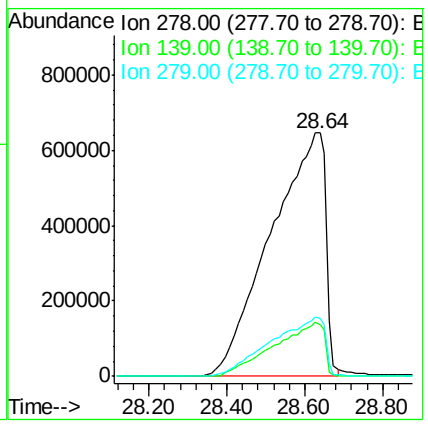


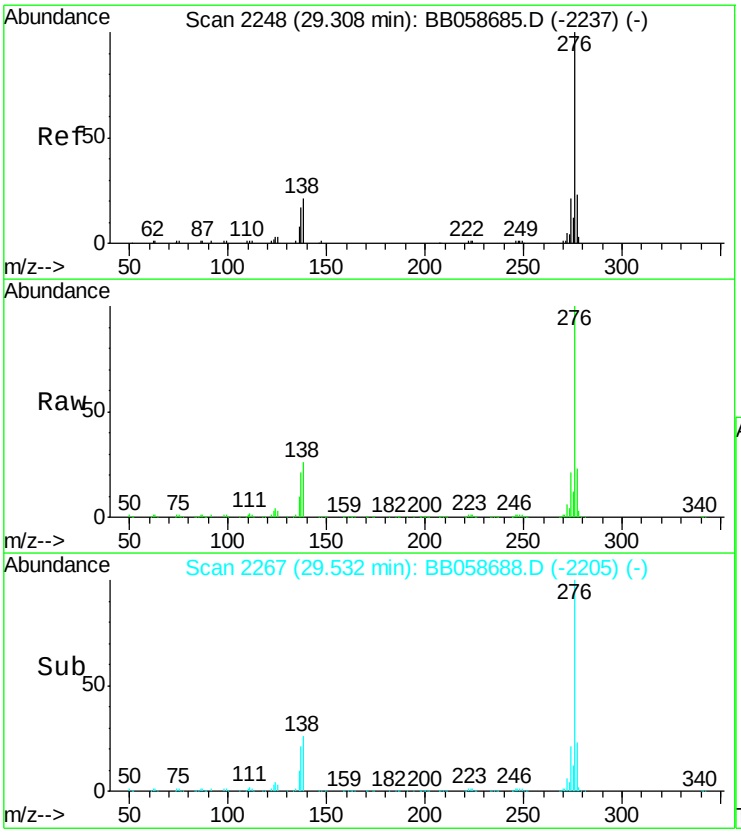
#29
Dibenzo(a,h)anthracene
Concen: 183.53 ng/ul
RT: 28.64 min Scan# 2190
Delta R.T. 0.24 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Instrument :
BNA_B
ClientSampleId :
SSTD16081

Tgt Ion:278 Resp: 6311782

Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.2	19.8#
279	23.9	18.5	27.7





#30
Benzo(g,h,i)perylene
Concen: 175.25 ng/ul
RT: 29.53 min Scan# 2267
Delta R.T. 0.22 min
Lab File: BB058688.D
Acq: 3 Mar 2017 16:07

Tgt Ion:276 Resp: 5851691

Ion	Ratio	Lower	Upper
276	100		
138	25.9	17.0	25.4#
277	23.2	18.3	27.5