Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB030317\
Data File : BB058686.D
Acq On : 3 Mar 2017 14:40
Operator : UM/SJ
Sample : SSTD04079
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD04079

Quant Time: Mar 15 01:34:25 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	166399	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	572240	20.00	ng/ul	0.01
6) Acenaphthene-d10	14.78	164	391010	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.63	188	644840	20.00	ng/ul	0.01
18) Chrysene-d12	22.33	240	582896	20.00	ng/ul	0.01
23) Perylene-d12	25.29	264	528585	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.43	165	452408	41.64	ng/uL	0.01
7) Acenaphthylene-d8	14.47	160	1359253	40.28	ng/ul	0.01
10) Fluorene-d10	15.82	176	927572	40.06	ng/ul	0.01
15) Anthracene-d10	17.74	188	1272465	41.93	ng/ul	0.01
19) Pyrene-d10	20.19	212	1169814	40.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.11	264	981012	42.08	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.86	128	1142215	41.60	ng/ul	99
5) 2-Methylnaphthalene	12.53	142	854735	41.38	ng/ul	100
8) Acenaphthylene	14.50	152	1317764	40.71	ng/ul	100
9) Acenaphthene	14.86	153	880356	40.50	ng/ul	98
11) Fluorene	15.88	166	1175702	41.66	ng/ul	98
13) Pentachlorophenol	17.30	266	220255	44.40	ng/uL	100
14) Phenanthrene	17.68	178	1531232	41.97	ng/ul	99
16) Anthracene	17.77	178	1599330	42.75	ng/ul	99
17) Fluoranthene	19.82	202	1503078	41.26	ng/ul#	93
20) Pyrene	20.23	202	1607887	41.75	ng/ul	100
21) Benzo(a)anthracene	22.31	228	1340865	41.63	ng/ul	100
22) Chrysene	22.38	228	1213369	40.88	ng/ul	99
24) Benzo(b)fluoranthene	24.40	252	1313855	42.54	ng/ul	99
25) Benzo(k)fluoranthene	24.47	252	1123472	40.08	ng/ul	99
27) Benzo(a)pyrene	25.18	252	1226377	42.27	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.42	276	1407438	42.48	ng/ul	96
29) Dibenzo(a,h)anthracene	28.45	278	1198392	42.50	ng/ul	97
30) Benzo(g,h,i)perylene	29.36	276	1141174	41.69	ng/ul	98

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

Quantitation Report (Not Reviewed)

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Instrument :
BNA_B
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SSTD04079

Quant Time: Mar 15 01:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM-EPA-BB030317-PAH.M
Quant Title : SVOA CALIBRATION
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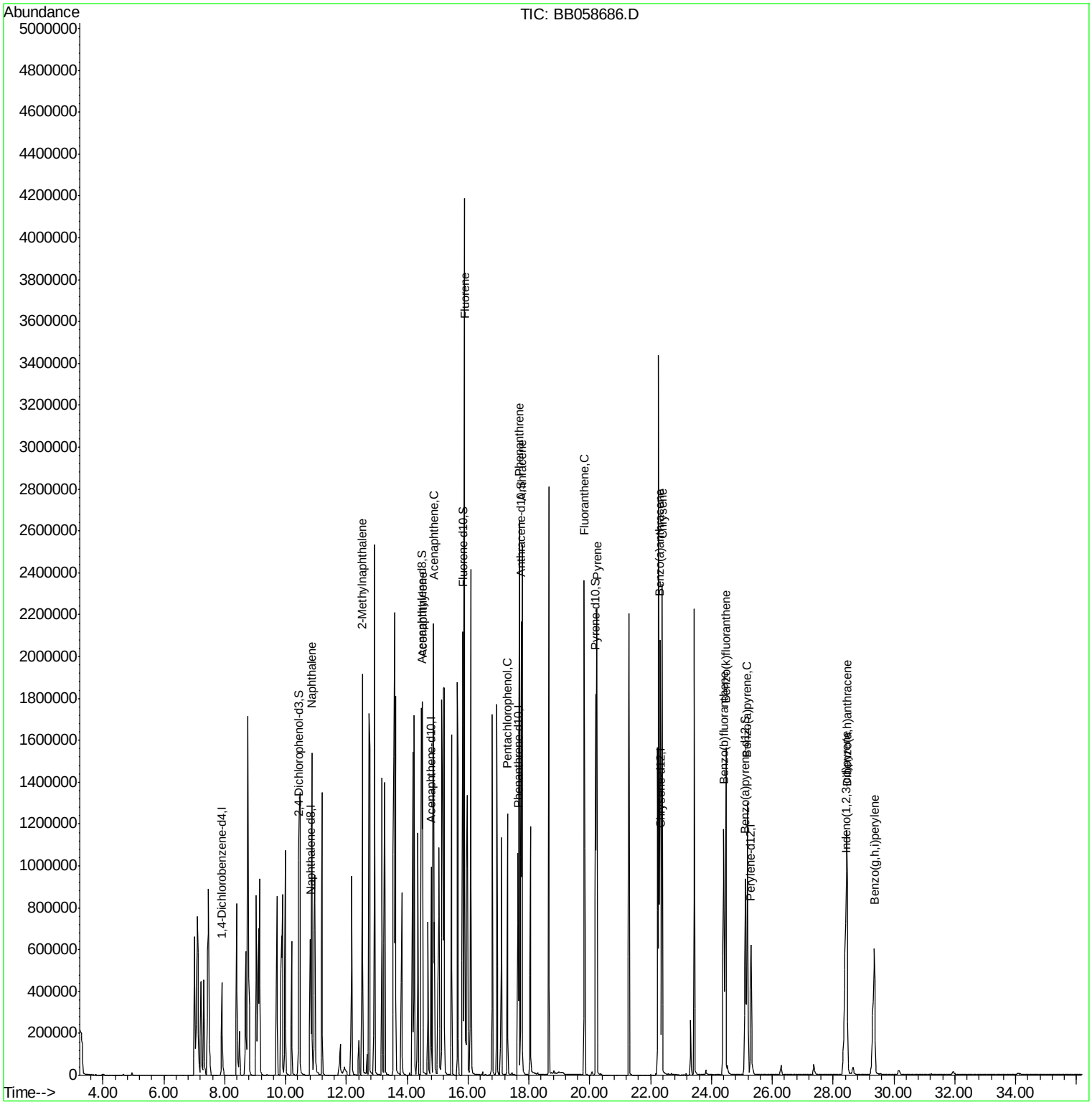
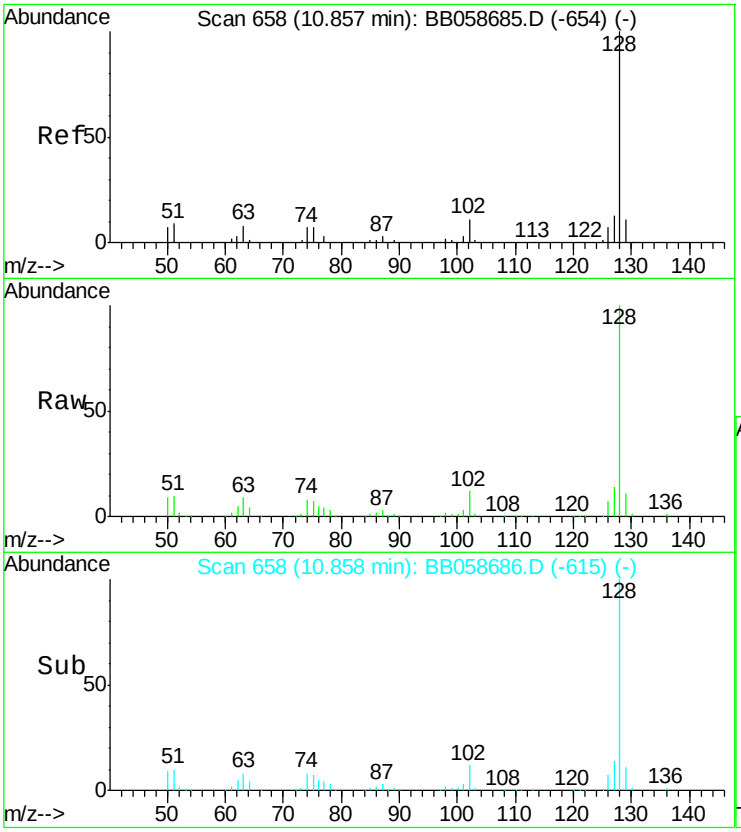
Response via : Initial Calibration



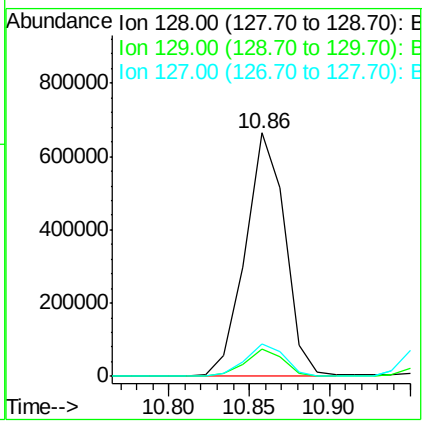


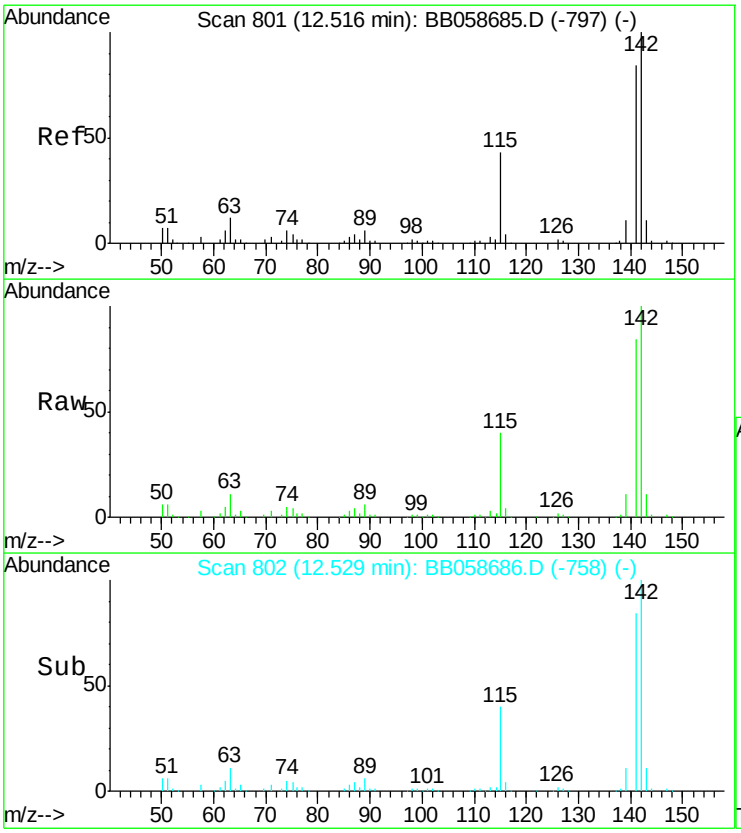
#4
Naphthalene
Concen: 41.60 ng/ul
RT: 10.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:128 Resp: 1142215

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.5	10.6	15.8

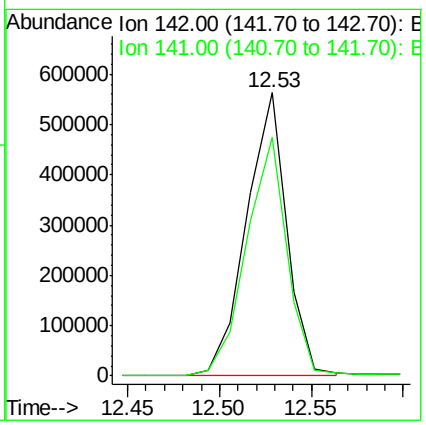


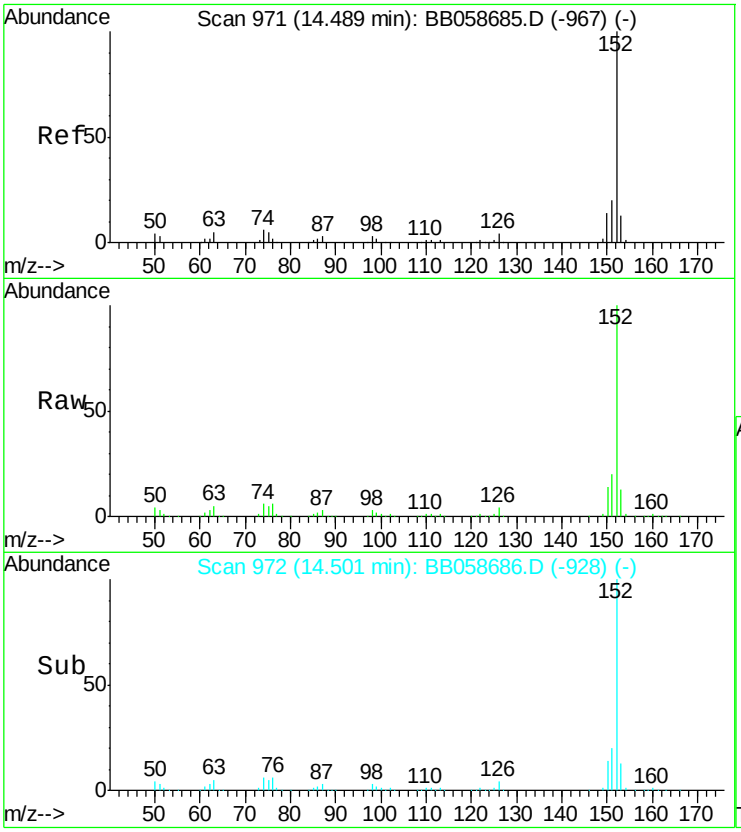


#5
2-Methylnaphthalene
Concen: 41.38 ng/ul
RT: 12.53 min Scan# 802
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:142 Resp: 854735

Ion	Ratio	Lower	Upper
142	100		
141	84.2	67.5	101.3



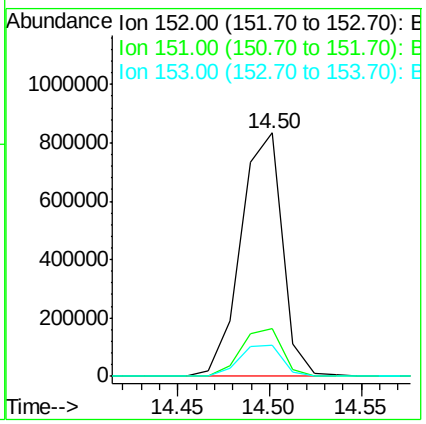


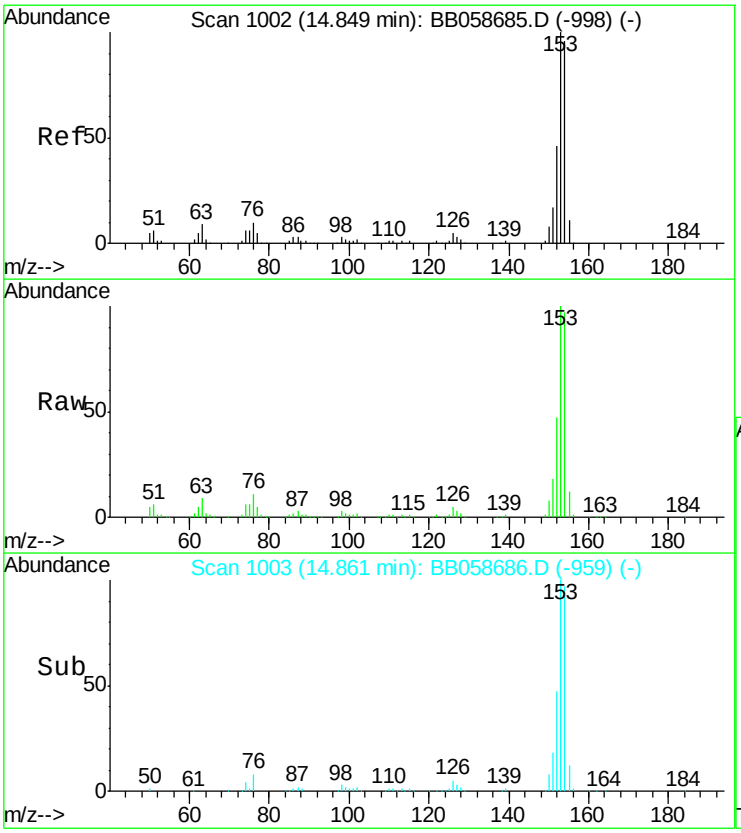
#8
Acenaphthylene
Concen: 40.71 ng/ul
RT: 14.50 min Scan# 972
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:152 Resp: 1317764

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.9	10.4	15.6

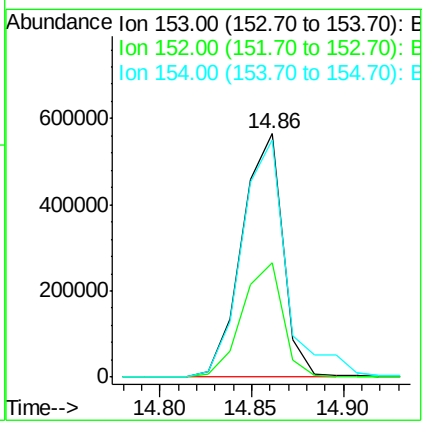


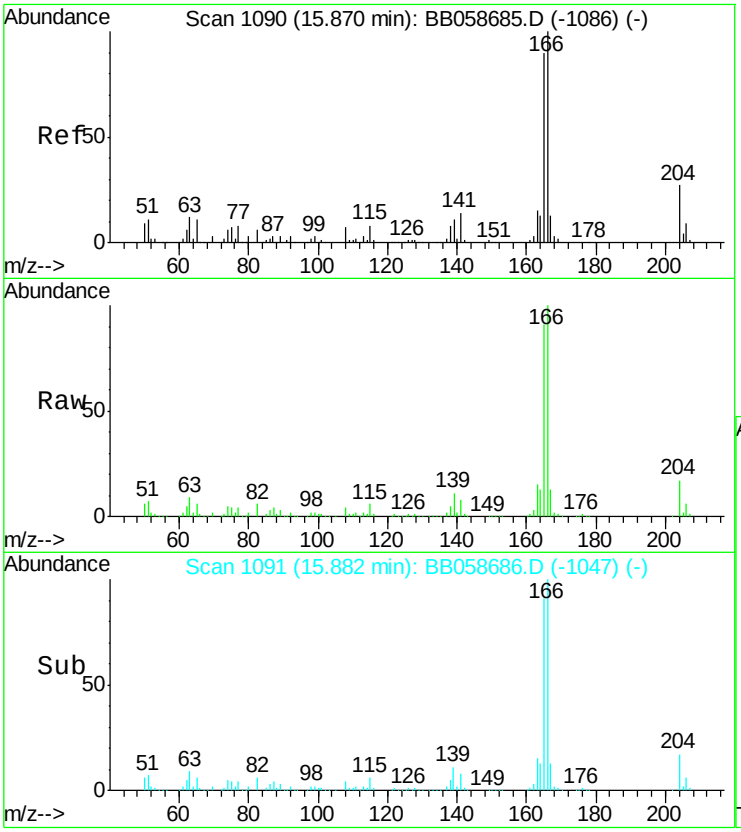


#9
Acenaphthene
Concen: 40.50 ng/ul
RT: 14.86 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:153 Resp: 880356

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.0	55.4
154	97.5	76.5	114.7



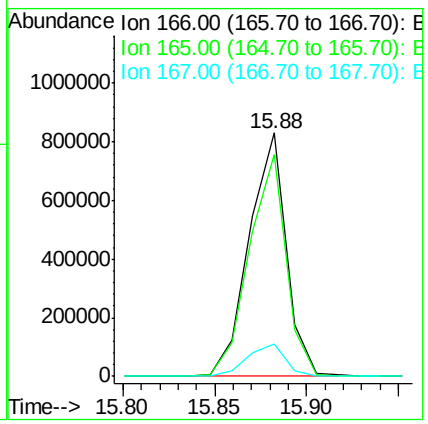


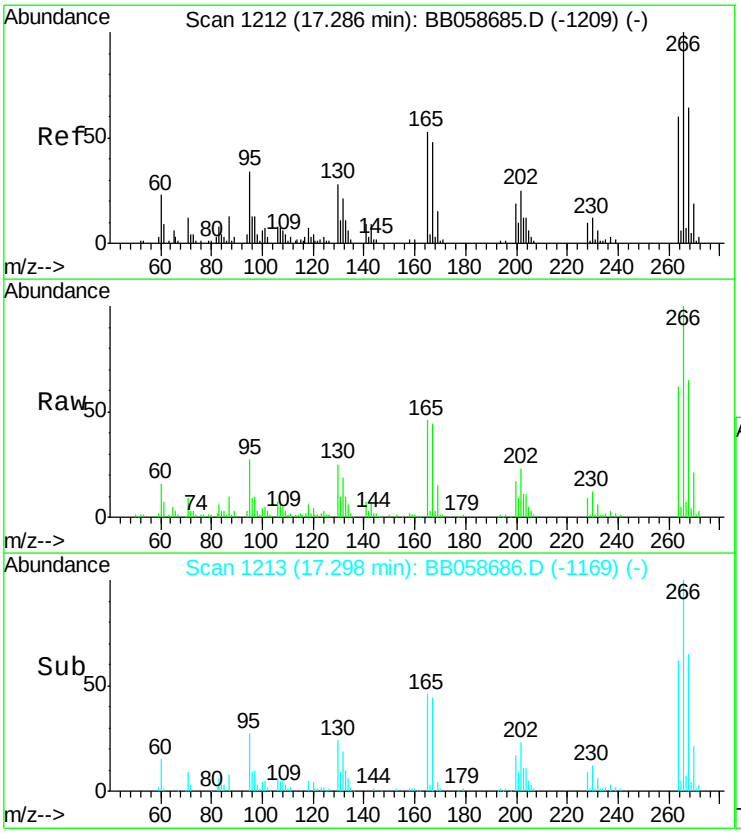
#11
Fluorene
Concen: 41.66 ng/ul
RT: 15.88 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:166 Resp: 1175702

Ion	Ratio	Lower	Upper
166	100		
165	91.4	71.6	107.4
167	13.3	10.3	15.5

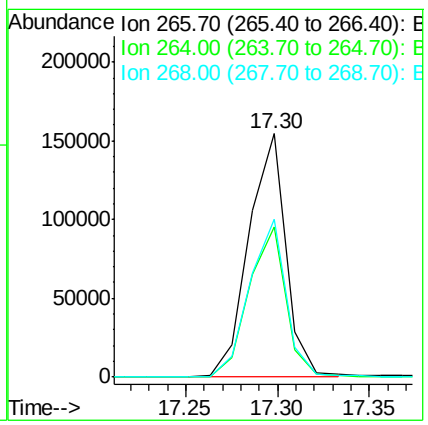


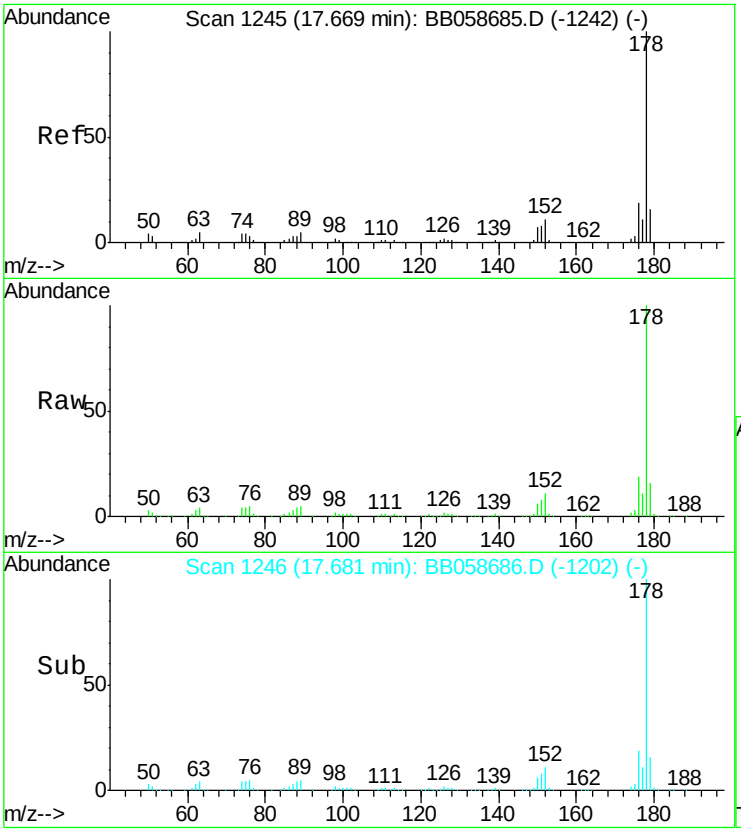


#13
Pentachlorophenol
Concen: 44.40 ng/uL
RT: 17.30 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:266 Resp: 220255

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.4	74.2
268	63.9	51.1	76.7



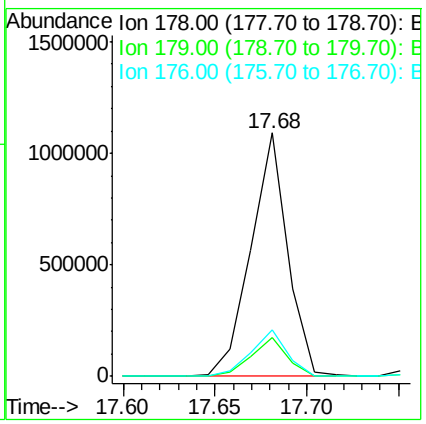


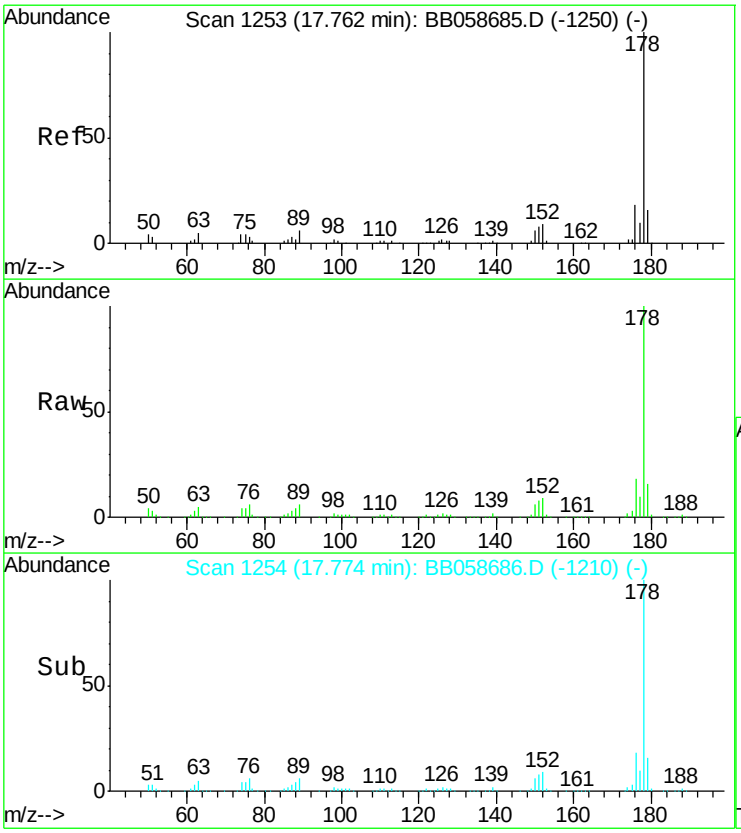
#14
Phenanthrene
Concen: 41.97 ng/ul
RT: 17.68 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:178 Resp: 1531232

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.1	15.0	22.4

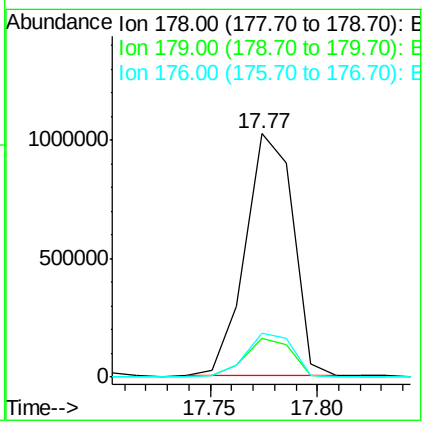


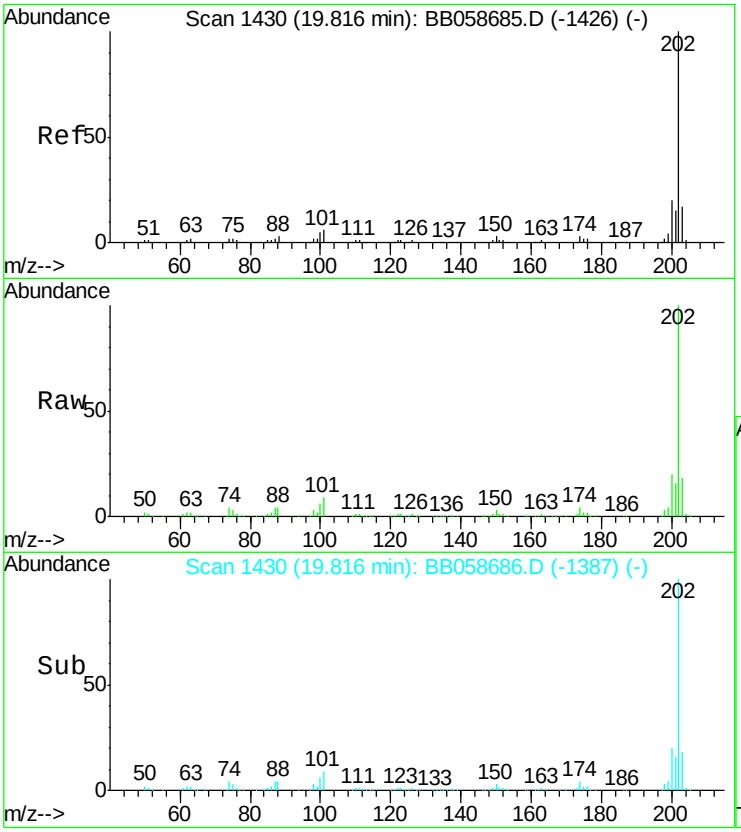


#16
Anthracene
Concen: 42.75 ng/ul
RT: 17.77 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:178 Resp: 1599330

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.0	14.2	21.2



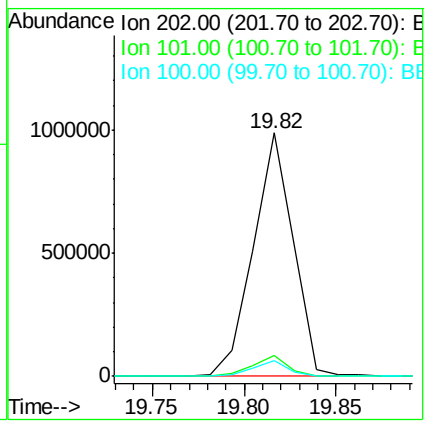


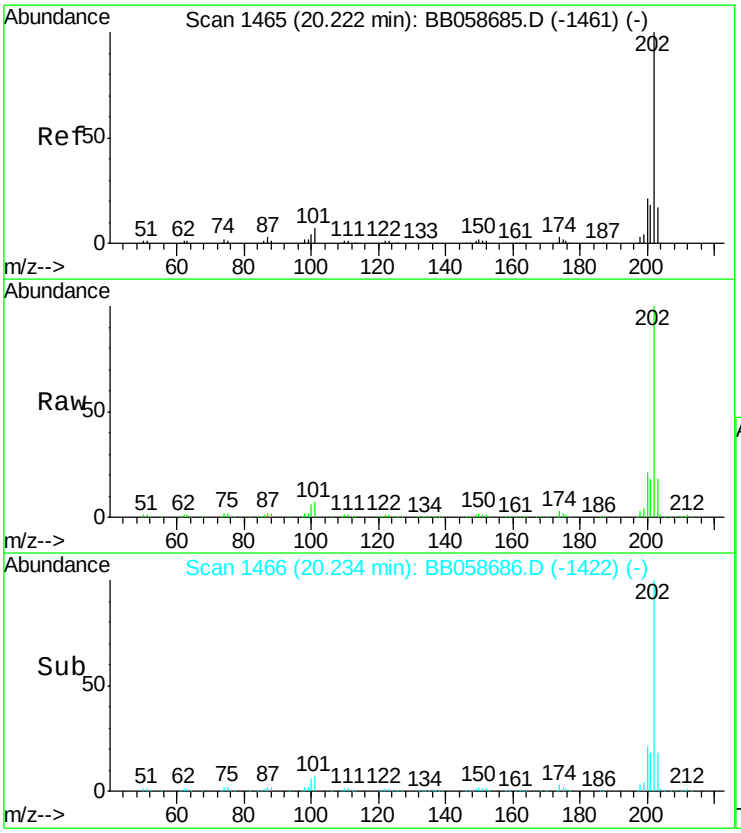
#17
Fluoranthene
Concen: 41.26 ng/ul
RT: 19.82 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:202 Resp: 1503078

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	6.8#
100	6.3	3.7	5.5#

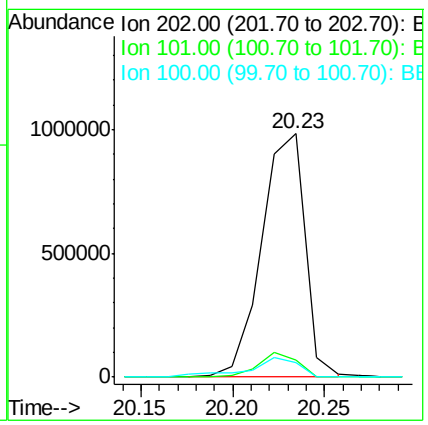


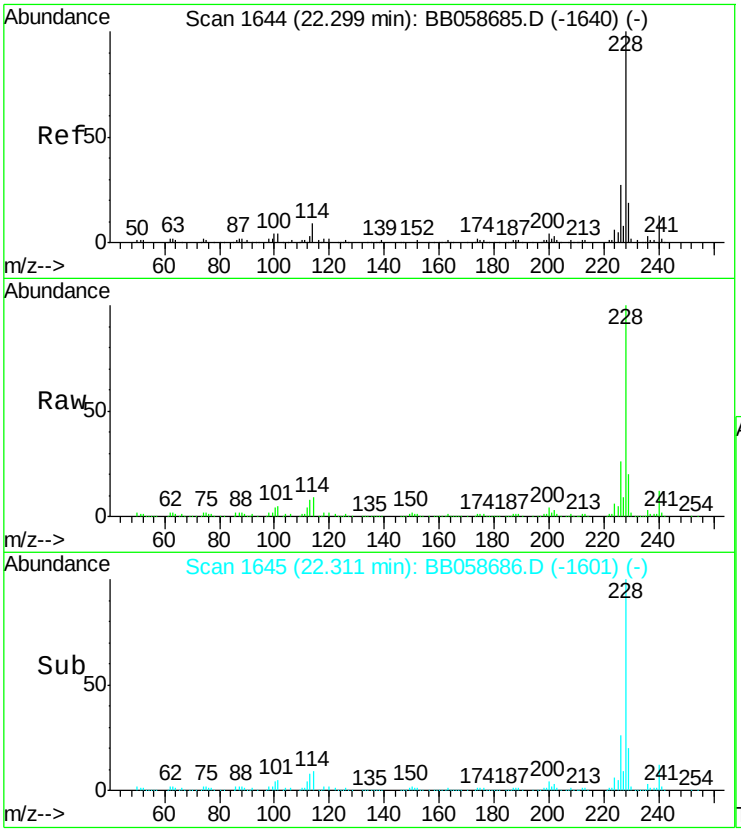


#20
Pyrene
Concen: 41.75 ng/ul
RT: 20.23 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:202 Resp: 1607887

Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.8	8.6
100	5.9	4.6	6.8



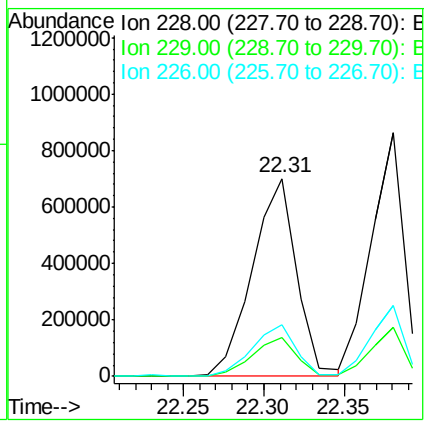


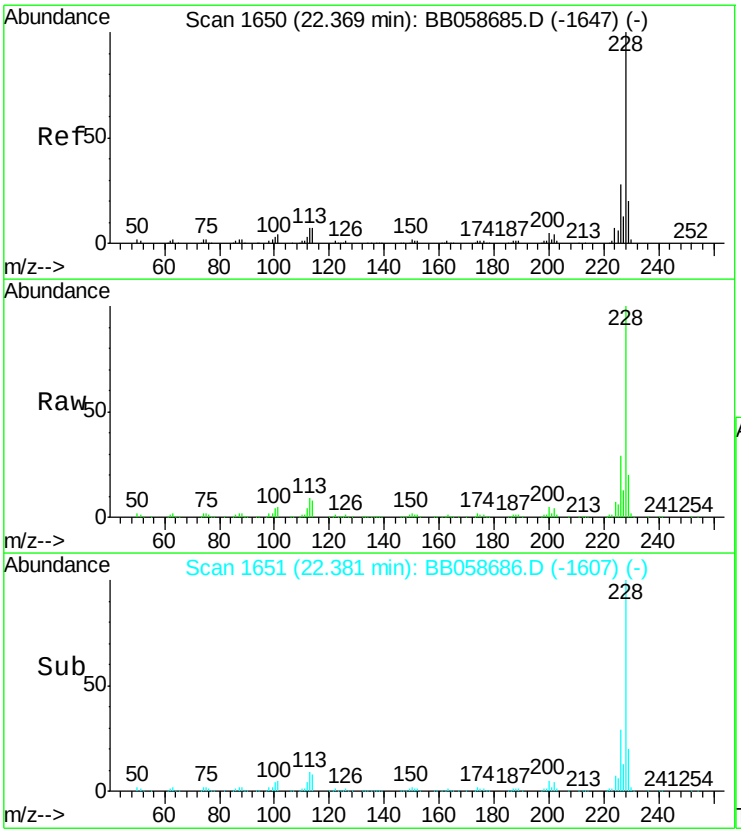
#21
Benzo(a)anthracene
Concen: 41.63 ng/ul
RT: 22.31 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:228 Resp: 1340865

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	26.4	21.3	31.9

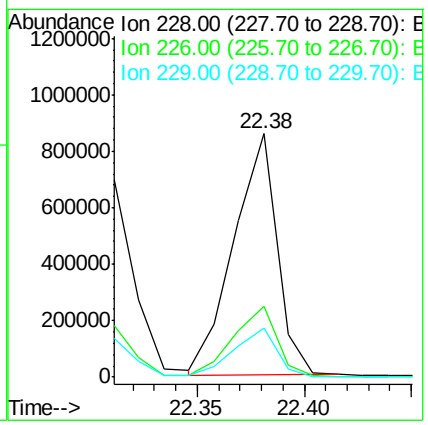


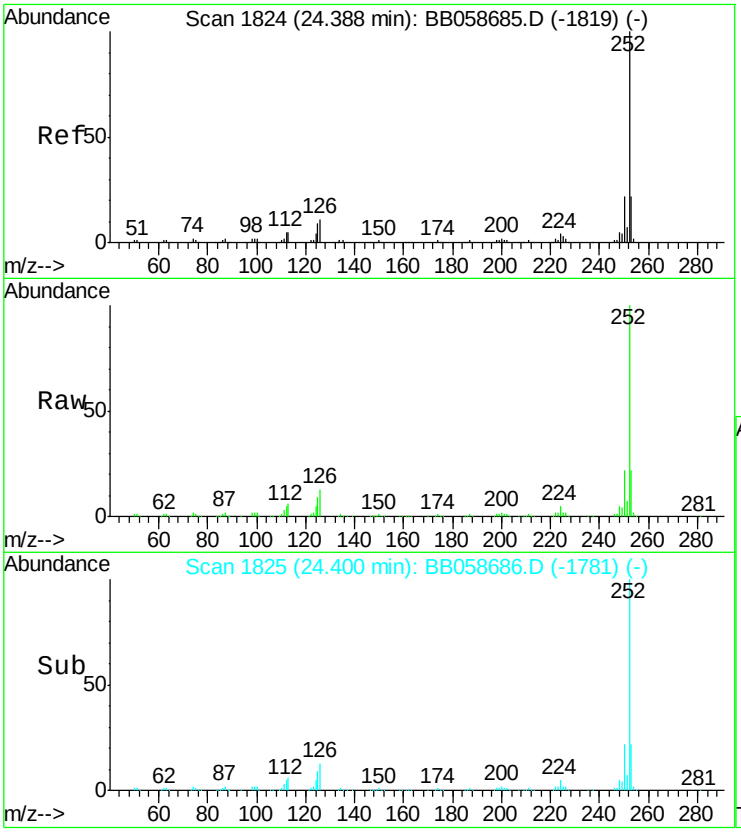


#22
Chrysene
Concen: 40.88 ng/ul
RT: 22.38 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:228 Resp: 1213369

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	20.3	16.2	24.2



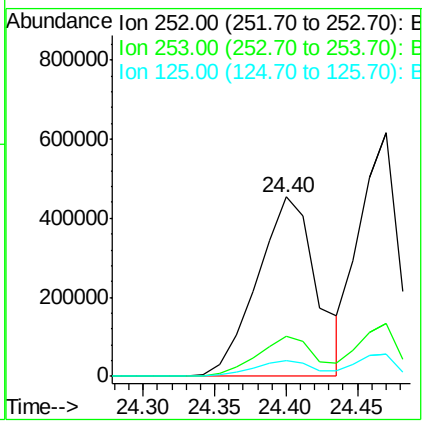


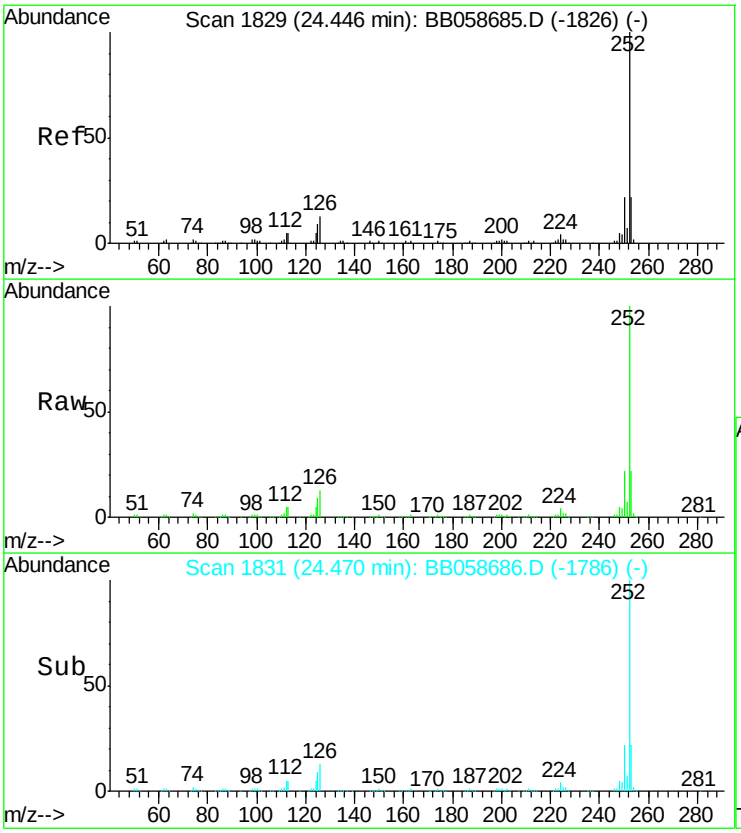
#24
Benzo(b)fluoranthene
Concen: 42.54 ng/ul
RT: 24.40 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:252 Resp: 1313855

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.1	7.0	10.4

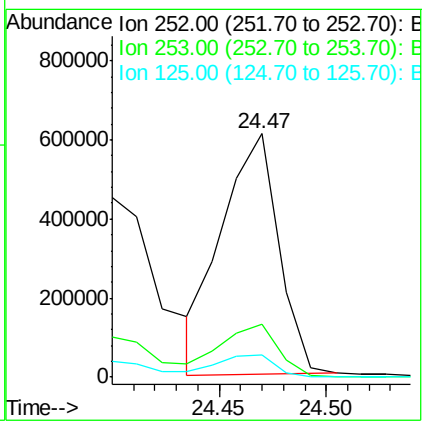


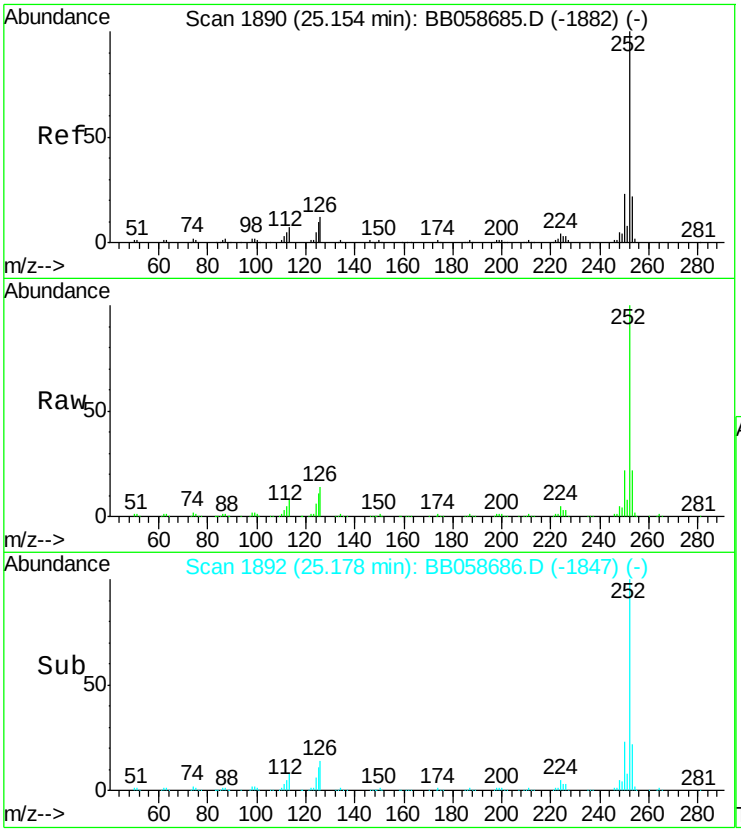


#25
Benzo(k)fluoranthene
Concen: 40.08 ng/ul
RT: 24.47 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:252 Resp: 1123472

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.1	7.0	10.4



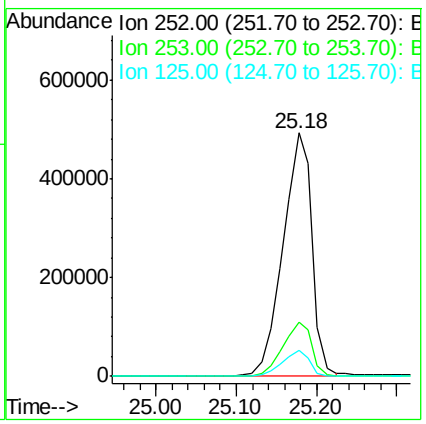


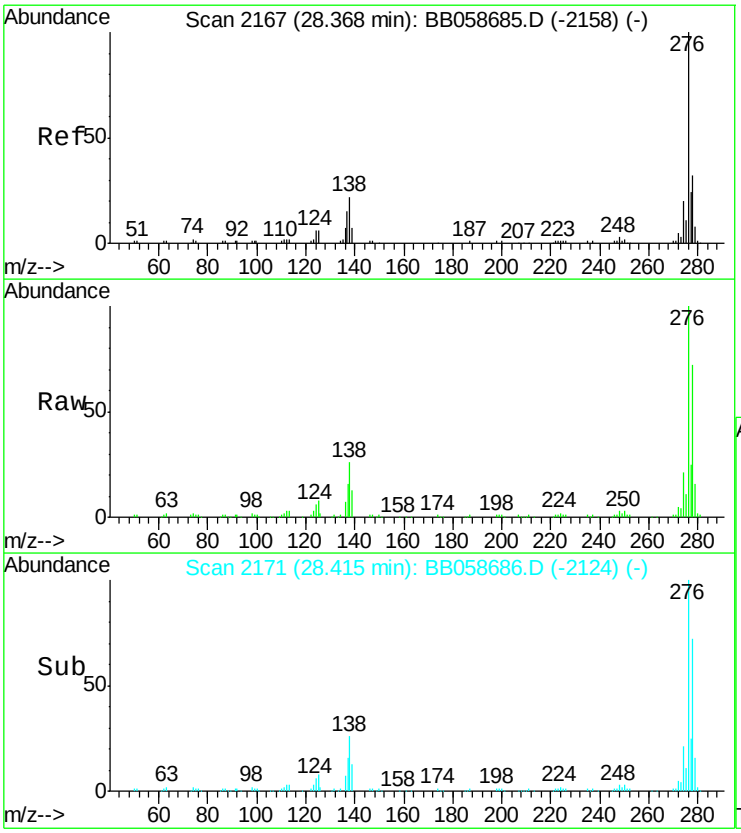
#27
Benzo(a)pyrene
Concen: 42.27 ng/ul
RT: 25.18 min Scan# 1892
Delta R.T. 0.02 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:252 Resp: 1226377

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.6	8.1	12.1

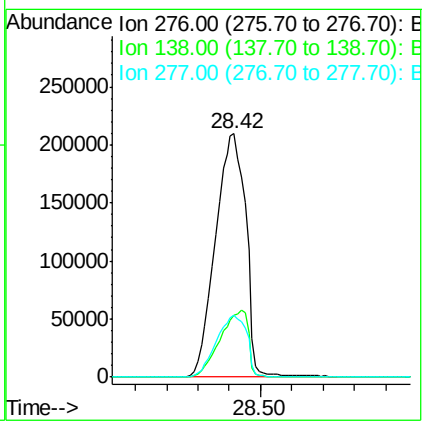


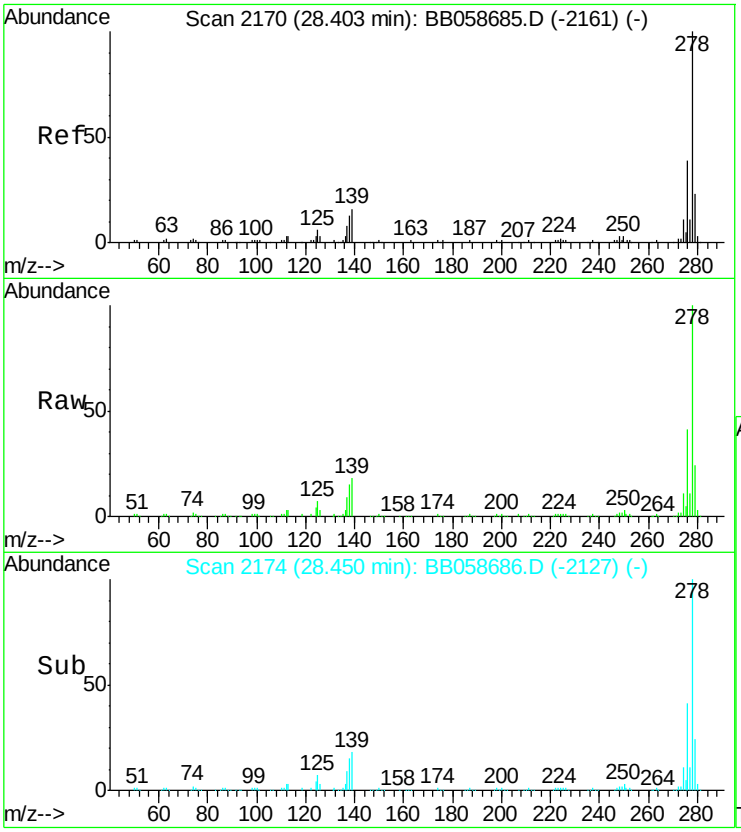


#28
Indeno(1,2,3-cd)pyrene
Concen: 42.48 ng/ul
RT: 28.42 min Scan# 2171
Delta R.T. 0.05 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:276 Resp: 1407438

Ion	Ratio	Lower	Upper
276	100		
138	25.5	17.6	26.4
277	25.2	19.5	29.3



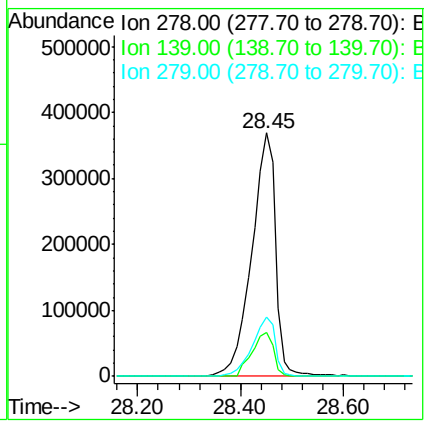


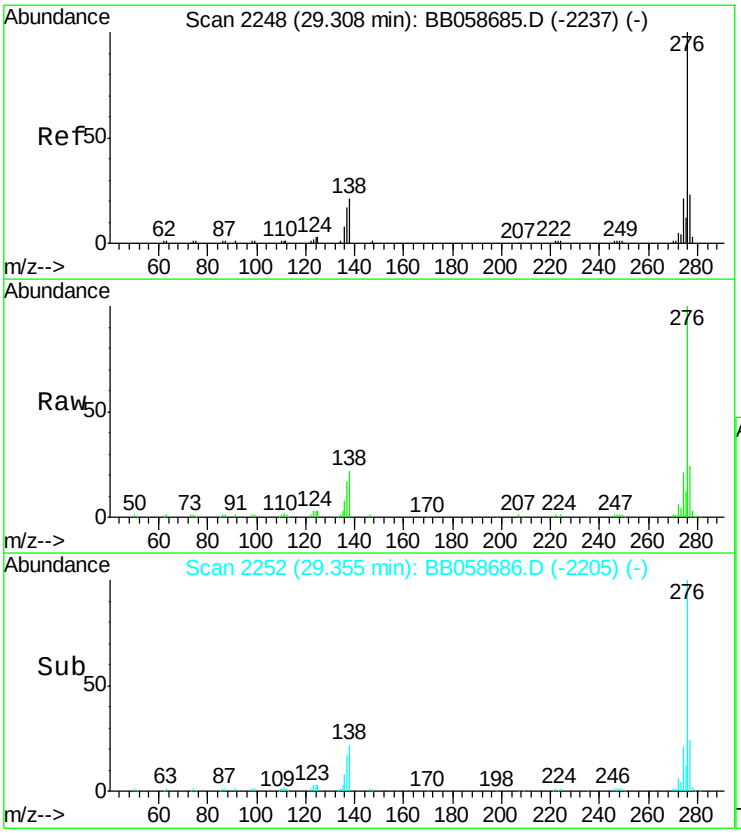
#29
Dibenzo(a,h)anthracene
Concen: 42.50 ng/ul
RT: 28.45 min Scan# 2174
Delta R.T. 0.05 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Instrument :
BNA_B
ClientSampleId :
SSTD04079

Tgt Ion:278 Resp: 1198392

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.2	19.8
279	24.3	18.5	27.7





#30
Benzo(g,h,i)perylene
Concen: 41.69 ng/ul
RT: 29.36 min Scan# 2252
Delta R.T. 0.05 min
Lab File: BB058686.D
Acq: 3 Mar 2017 14:40

Tgt Ion:276 Resp: 1141174

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.0	25.4
277	24.1	18.3	27.5