Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002378.D
Acq On : 13 Aug 2015 01:36
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02028

Quant Time: Aug 13 02:12:50 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	177153	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	777124	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	380252	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	695053	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	467061	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	448536	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	796146	20.21	ng/ul	0.00
10) Fluorene-d10	16.46	176	527217	19.24	ng/ul	0.00
14) Anthracene-d10	18.30	188	676759	20.07	ng/ul	0.00
18) Pyrene-d10	20.52	212	537021	23.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	481116	20.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.83	128	811466	19.83	ng/ul	99
4) 2-Methylnaphthalene	13.37	142	555012	18.99	ng/ul	99
5) 1-Methylnaphthalene	13.59	142	543465	18.86	ng/ul	99
8) Acenaphthylene	15.22	152	826705	20.22	ng/ul	99
9) Acenaphthene	15.55	153	553739	20.13	ng/ul	99
11) Fluorene	16.52	166	596340	19.25	ng/ul	98
13) Phenanthrene	18.24	178	801385	20.03	ng/ul	100
15) Anthracene	18.33	178	825846	19.99	ng/ul	100
16) Fluoranthene	20.19	202	724237	16.35	ng/ul	98
19) Pyrene	20.54	202	720191	23.85	ng/ul	95
20) Benzo(a)anthracene	22.27	228	579832	20.34	ng/ul	100
21) Chrysene	22.33	228	538286	19.92	ng/ul	99
23) Benzo(b)fluoranthene	24.15	252	548254	19.67	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	549579	20.53	ng/ul	99
26) Benzo(a)pyrene	24.87	252	533866	20.01	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.84	276	636474	20.81	ng/ul	99
28) Dibenzo(a,h)anthracene	27.85	278	540305	20.86	ng/ul	99
29) Benzo(g,h,i)perylene	28.73	276	533564	20.68	ng/ul	100

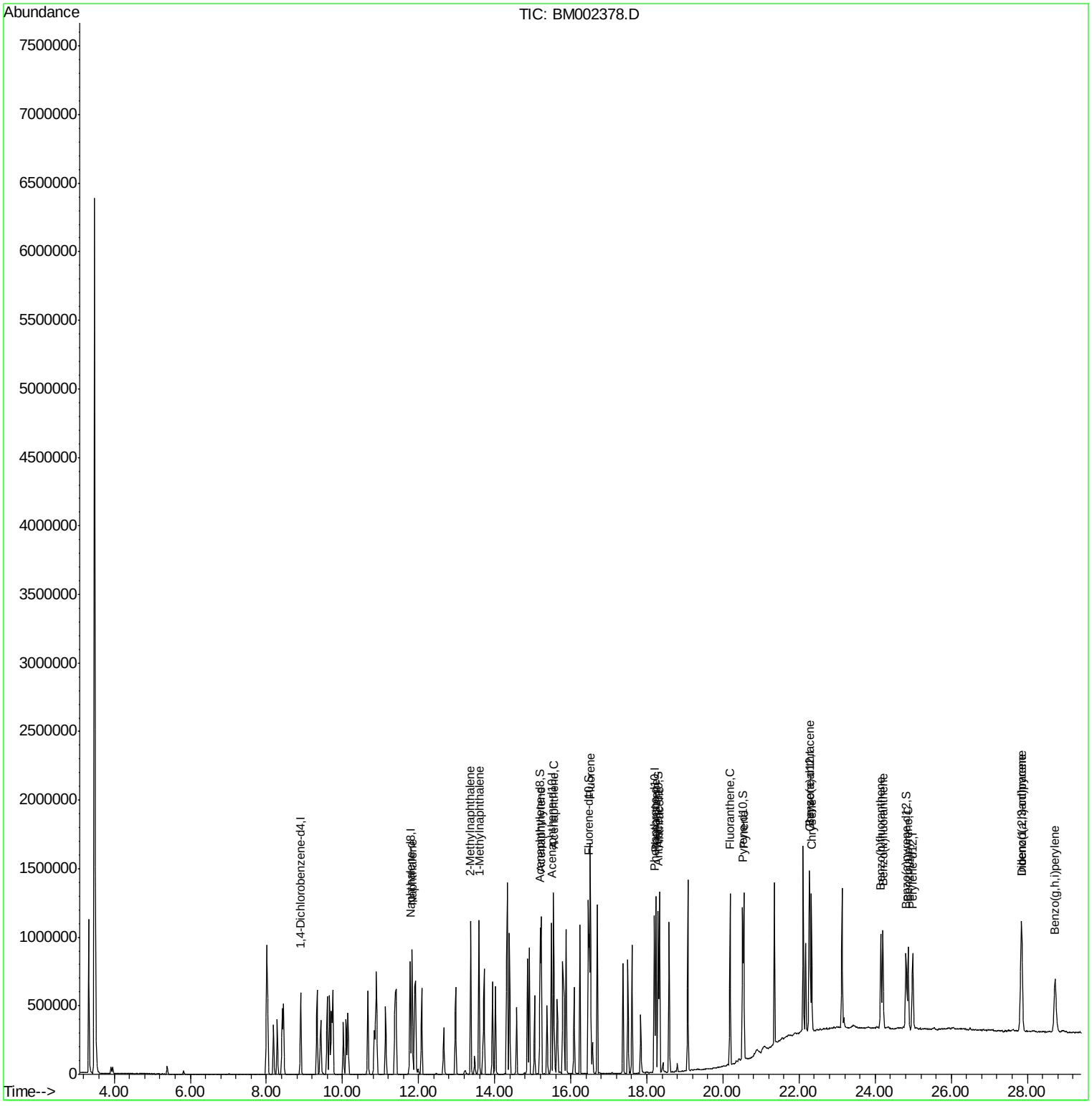
(#) = qualifier out of range (m) = manual integration (+) = signals summed

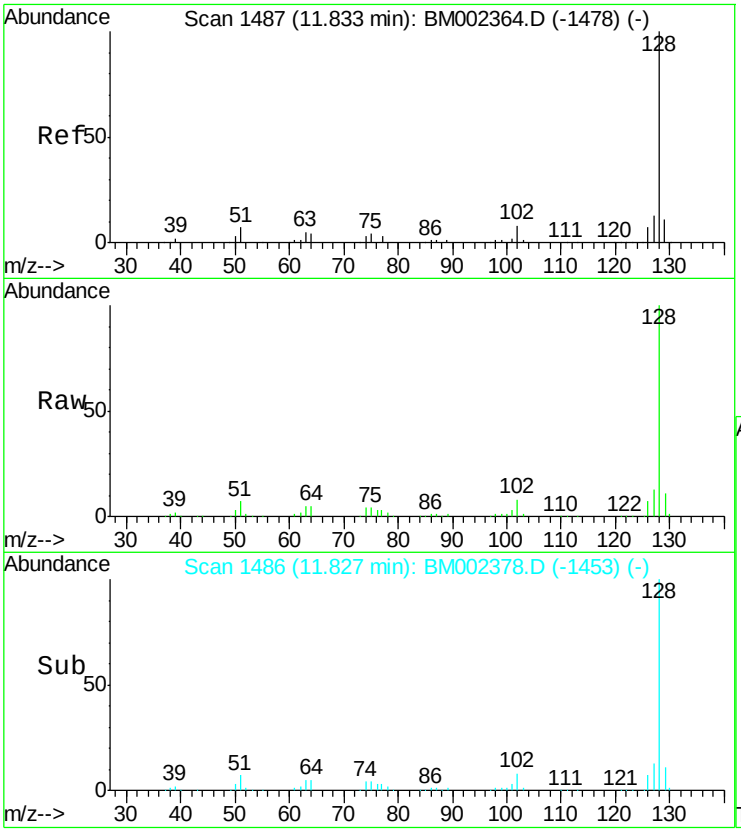
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002378.D
Acq On : 13 Aug 2015 01:36
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Quant Time: Aug 13 02:12:50 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration



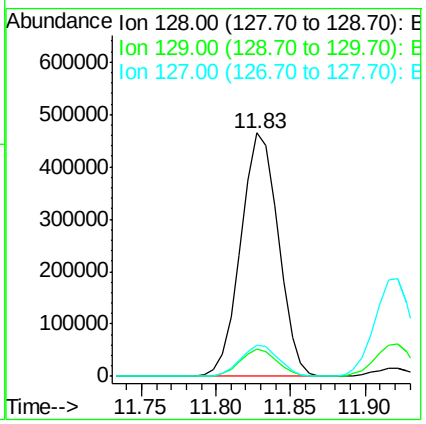


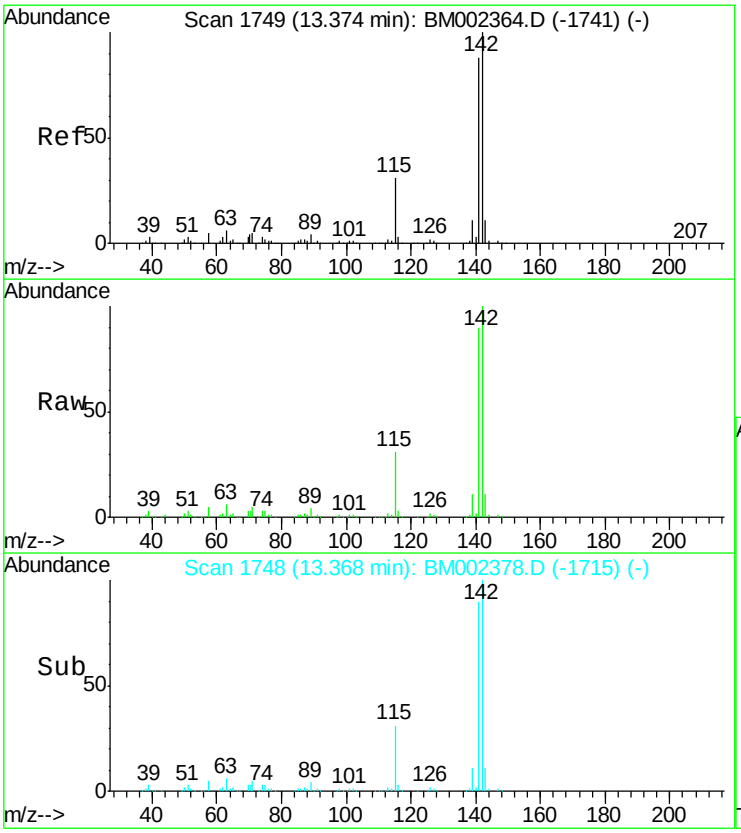
#3
Naphthalene
Concen: 19.83 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:128 Resp: 811466

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.8	10.4	15.6

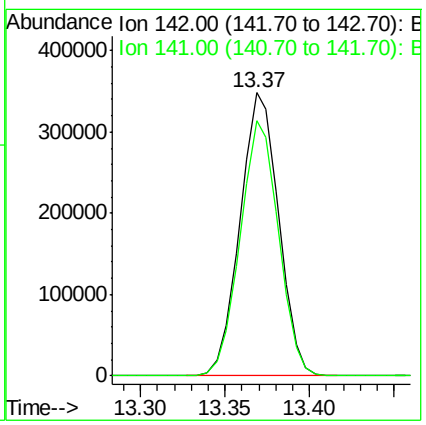


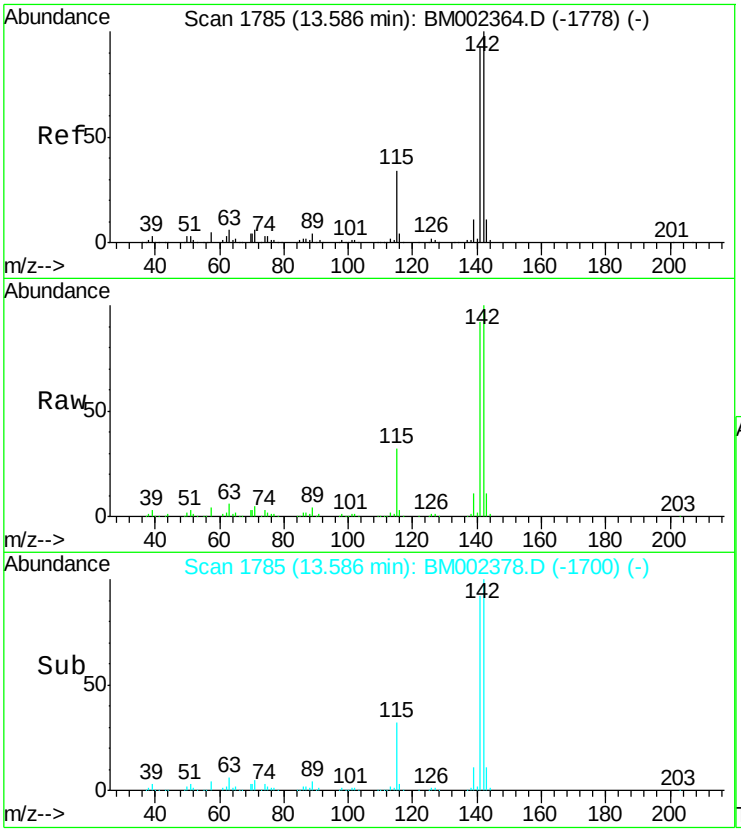


#4
2-Methylnaphthalene
Concen: 18.99 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:142 Resp: 555012

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.5	108.7



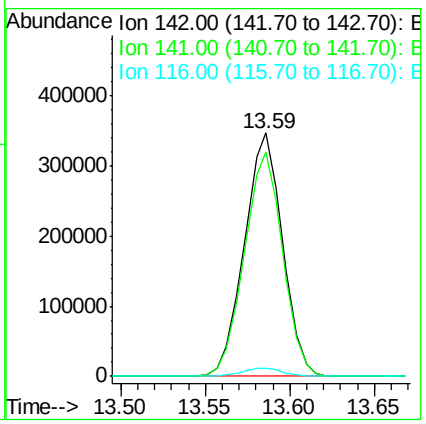


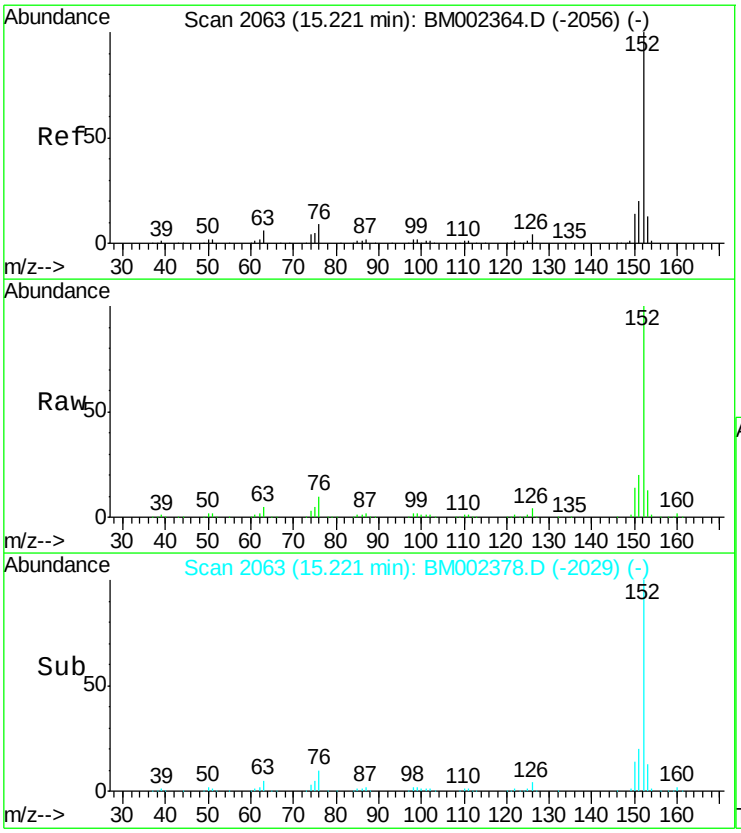
#5
1-Methylnaphthalene
Concen: 18.86 ng/ul
RT: 13.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:142 Resp: 543465

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.5	111.7
116	3.3	3.0	4.4

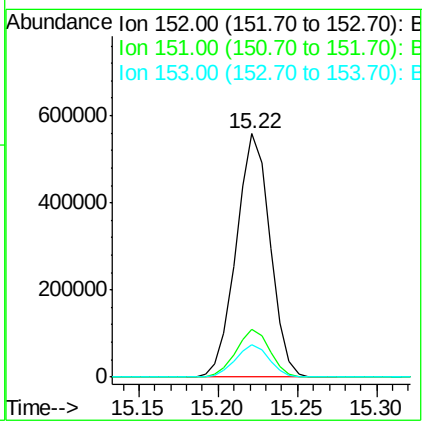


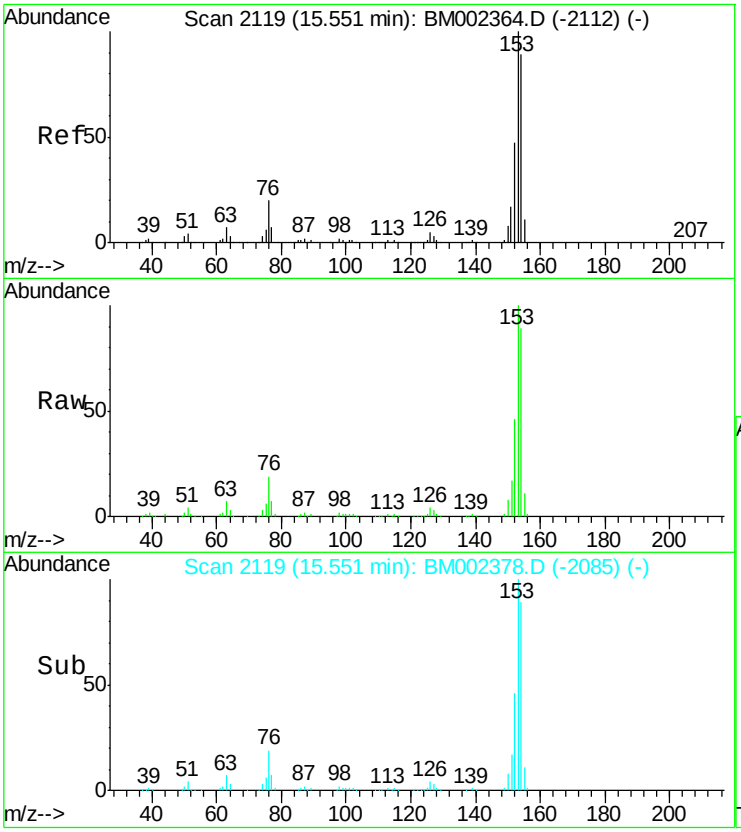


#8
Acenaphthylene
Concen: 20.22 ng/ul
RT: 15.22 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:152 Resp: 826705

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.1	10.6	15.8



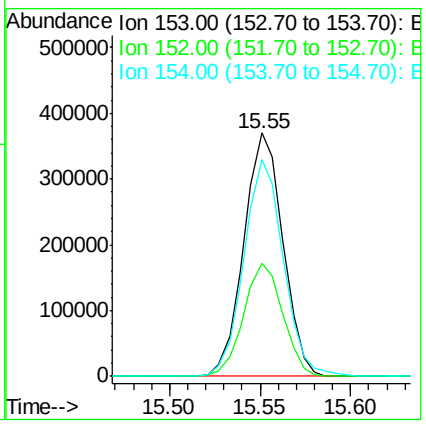


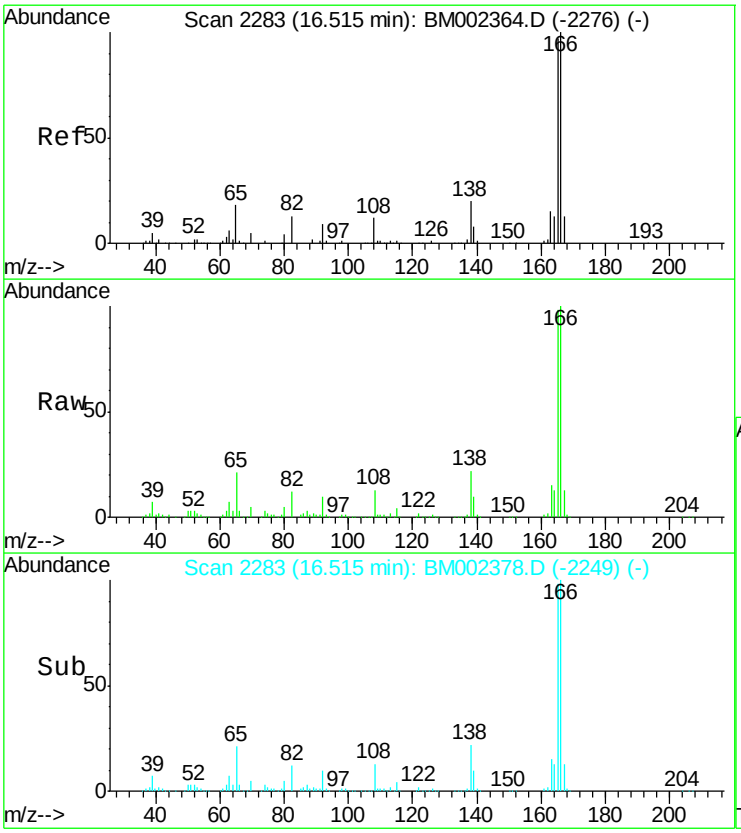
#9
Acenaphthene
Concen: 20.13 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:153 Resp: 553739

Ion	Ratio	Lower	Upper
153	100		
152	46.5	36.6	55.0
154	89.0	71.5	107.3

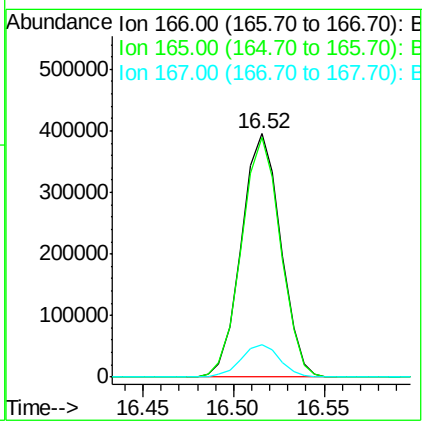


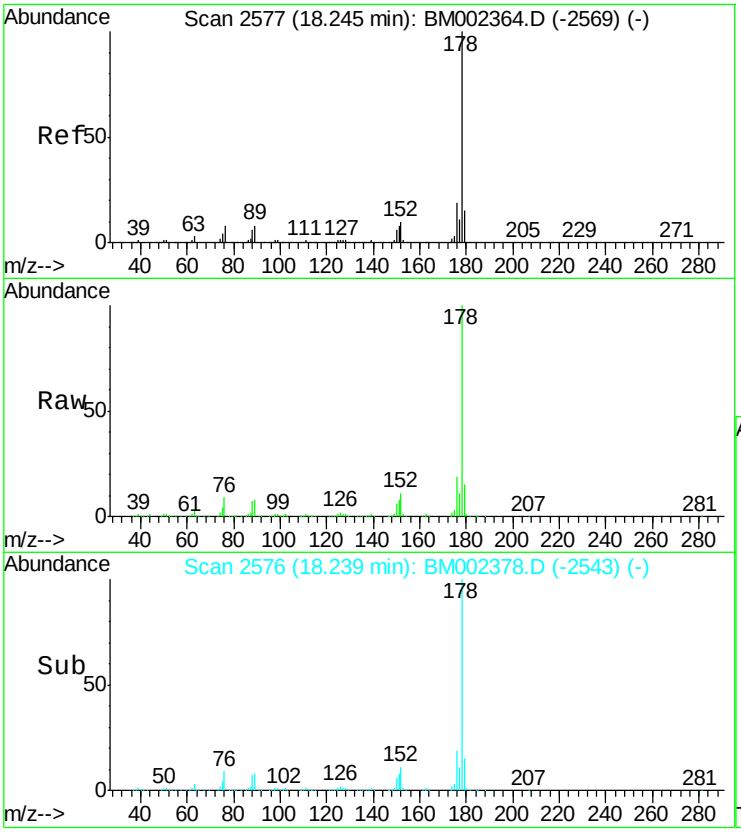


#11
Fluorene
Concen: 19.25 ng/ul
RT: 16.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:166 Resp: 596340

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.5	116.3
167	13.5	10.4	15.6



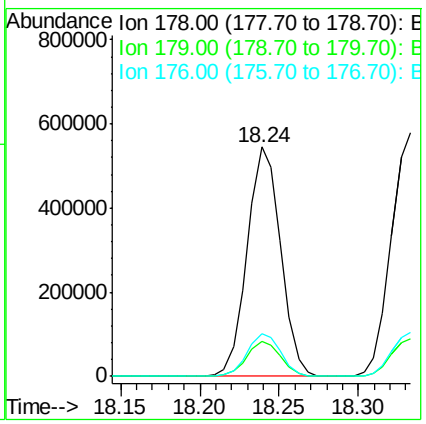


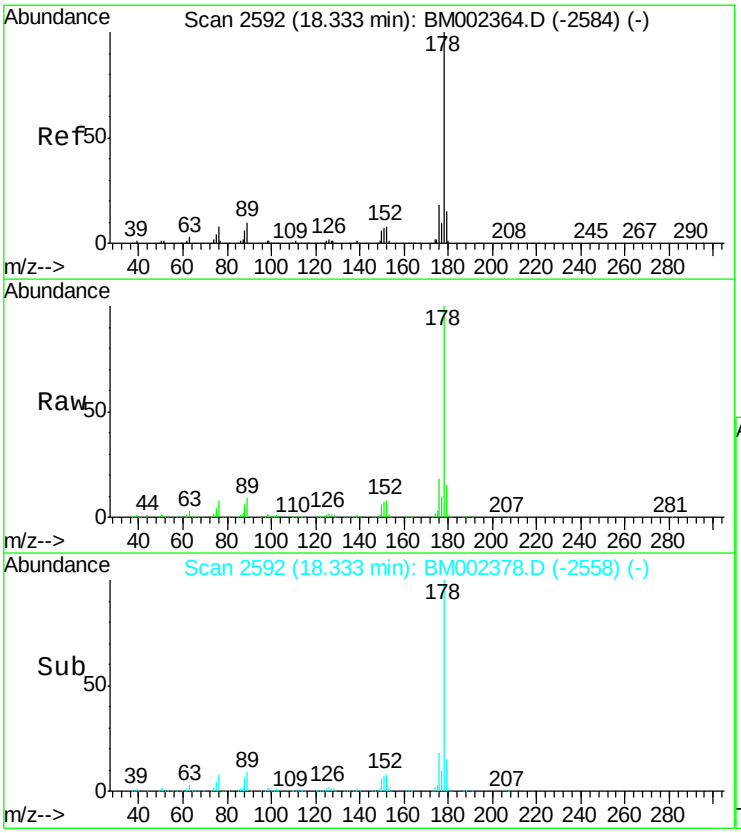
#13
Phenanthrene
Concen: 20.03 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:178 Resp: 801385

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.3	22.9

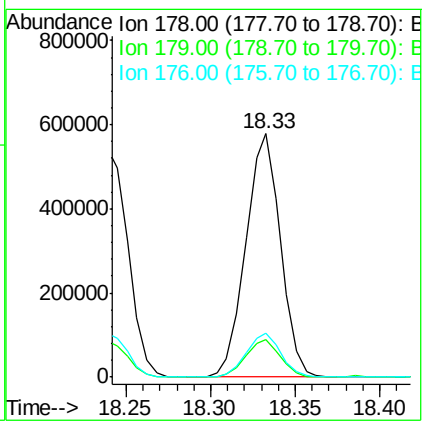


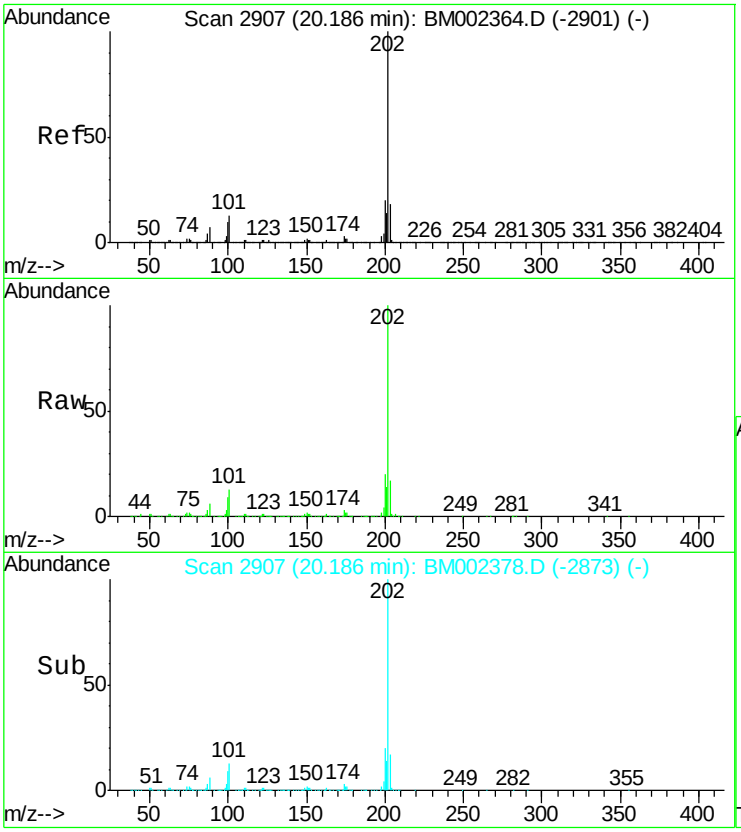


#15
Anthracene
Concen: 19.99 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:178 Resp: 825846

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	14.5	21.7



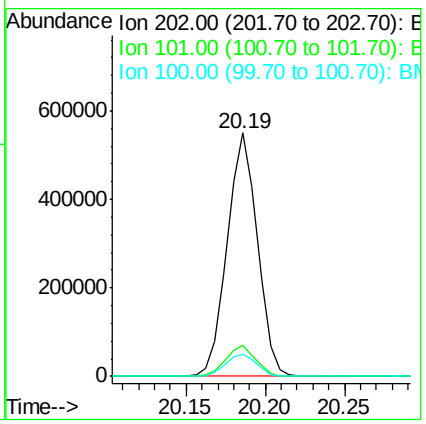


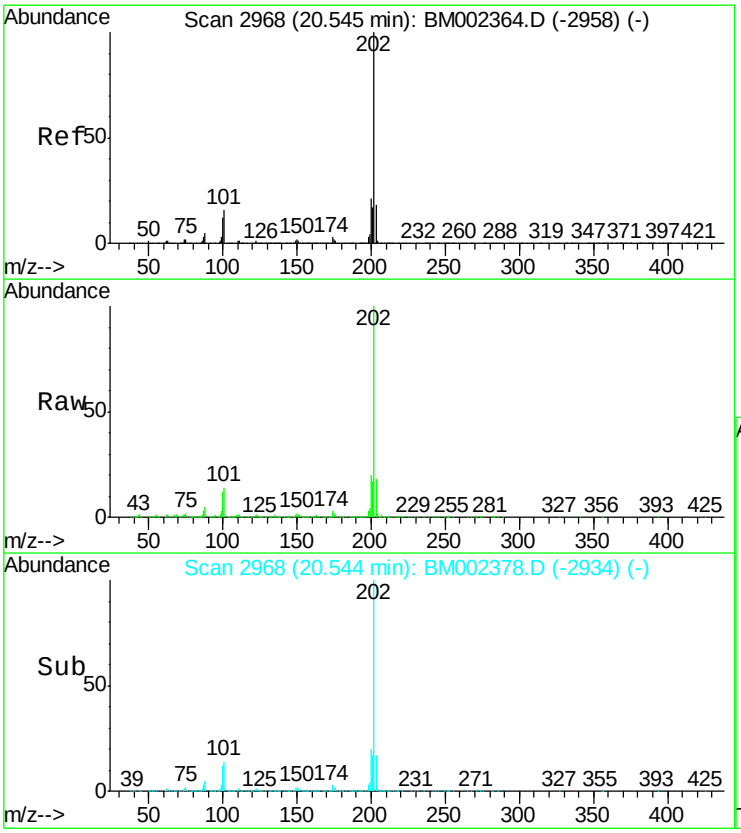
#16
Fluoranthene
Concen: 16.35 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:202 Resp: 724237

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	9.3	8.2	12.4

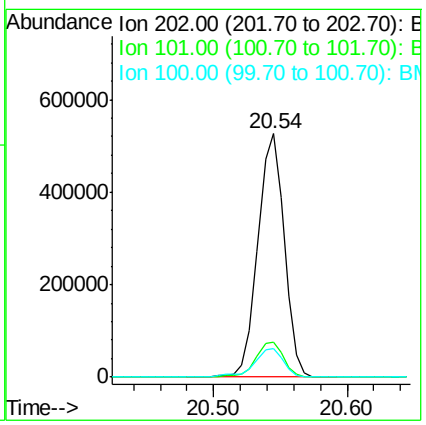


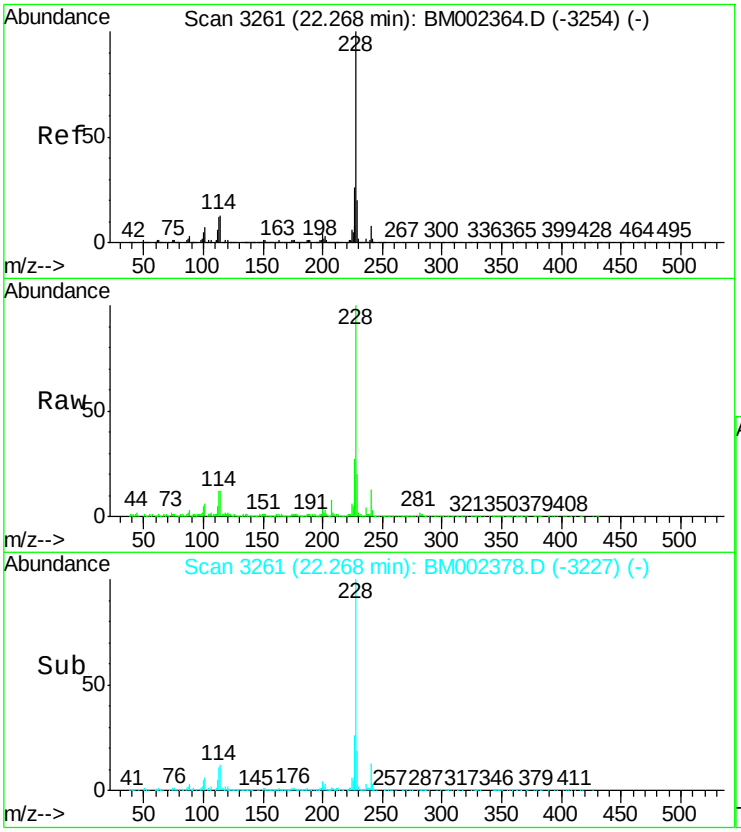


#19
Pyrene
Concen: 23.85 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:202 Resp: 720191

Ion	Ratio	Lower	Upper
202	100		
101	14.3	13.0	19.6
100	11.8	11.0	16.4



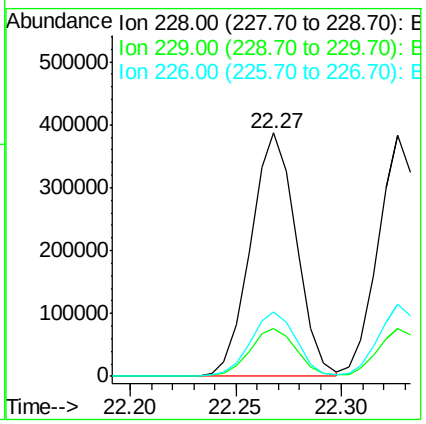


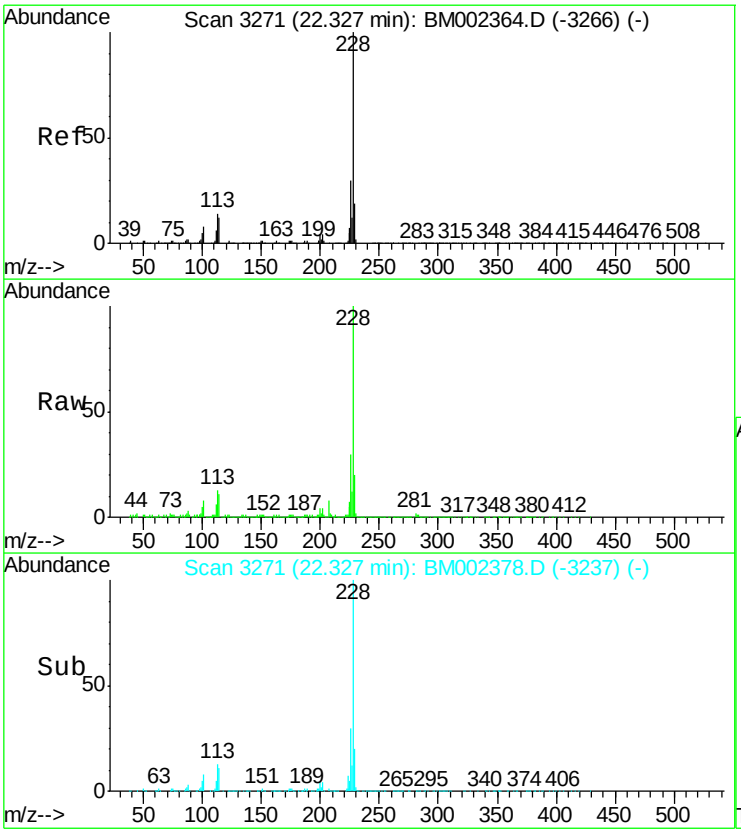
#20
Benzo(a)anthracene
Concen: 20.34 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:228 Resp: 579832

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.6	21.4	32.0

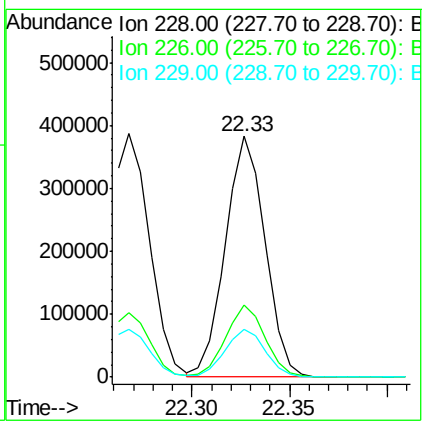


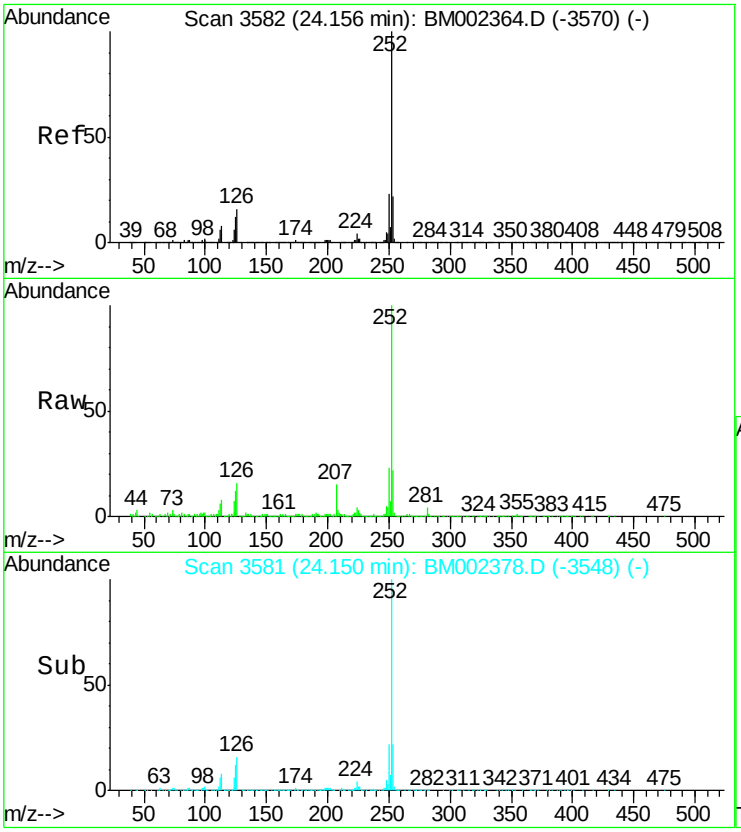


#21
Chrysene
Concen: 19.92 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:228 Resp: 538286

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.9	15.5	23.3



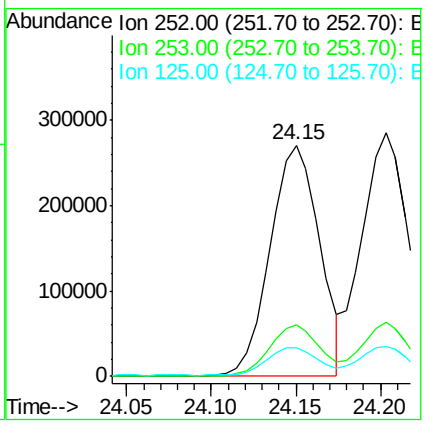


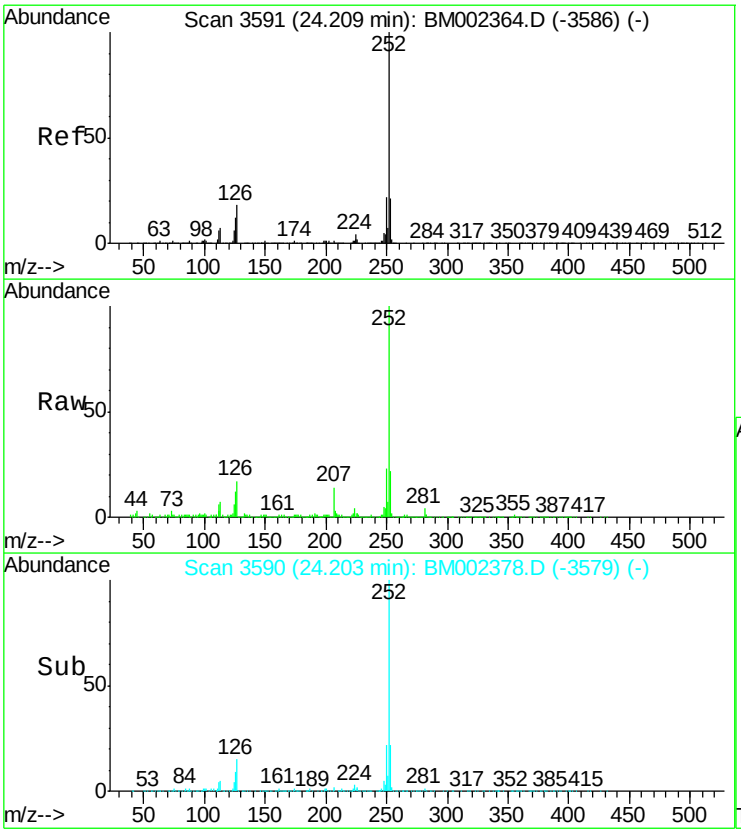
#23
Benzo(b)fluoranthene
Concen: 19.67 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:252 Resp: 548254

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.4	10.3	15.5

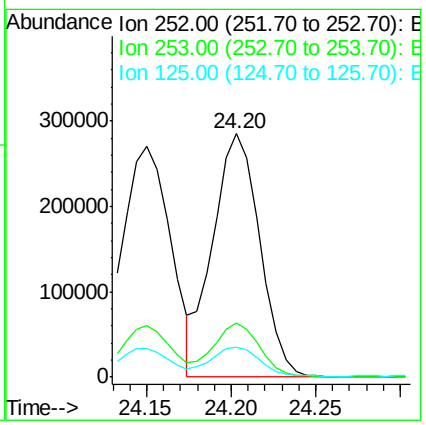


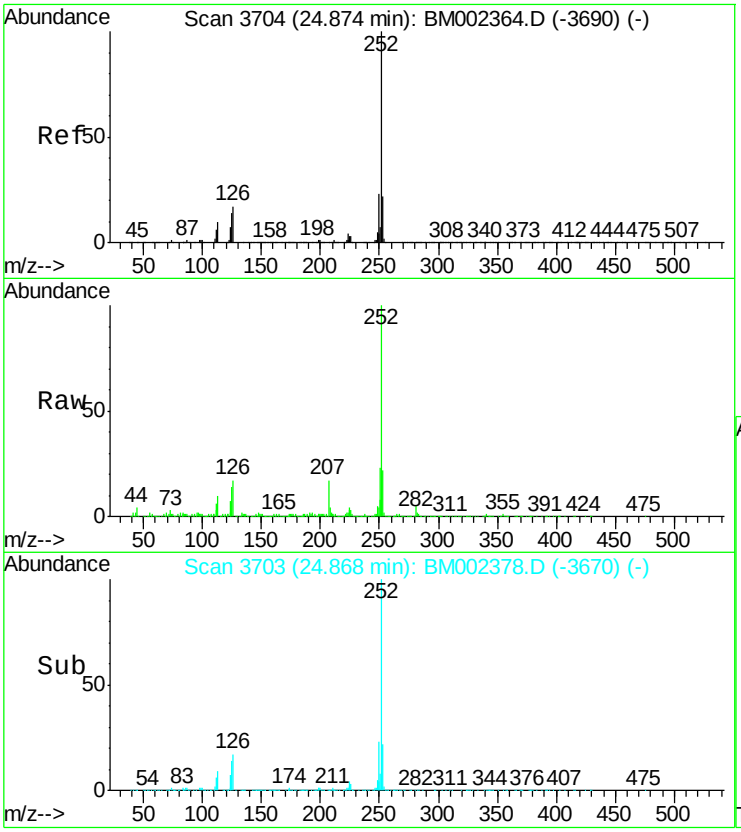


#24
Benzo(k)fluoranthene
Concen: 20.53 ng/ul
RT: 24.20 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:252 Resp: 549579

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.4	10.2	15.4



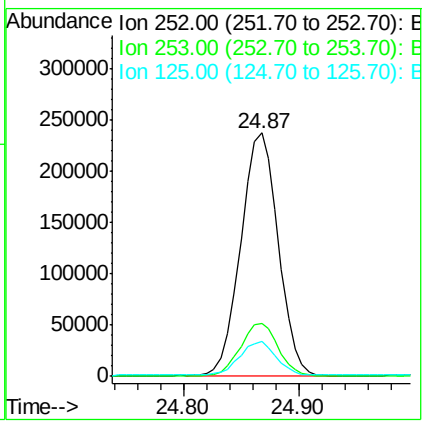


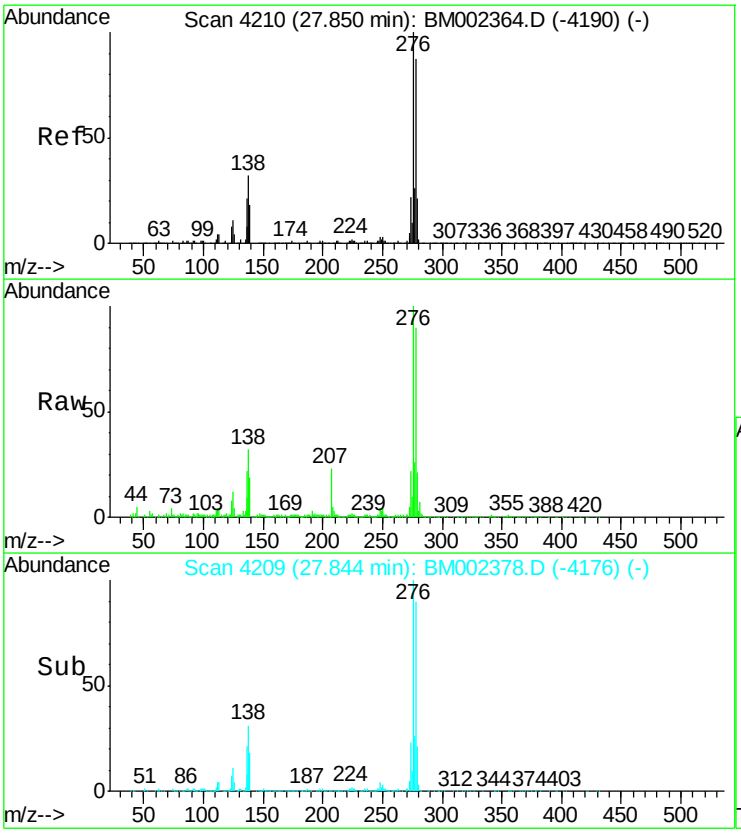
#26
Benzo(a)pyrene
Concen: 20.01 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:252 Resp: 533866

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	14.4	11.0	16.6

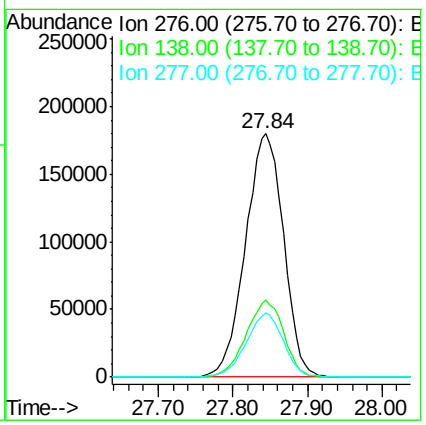


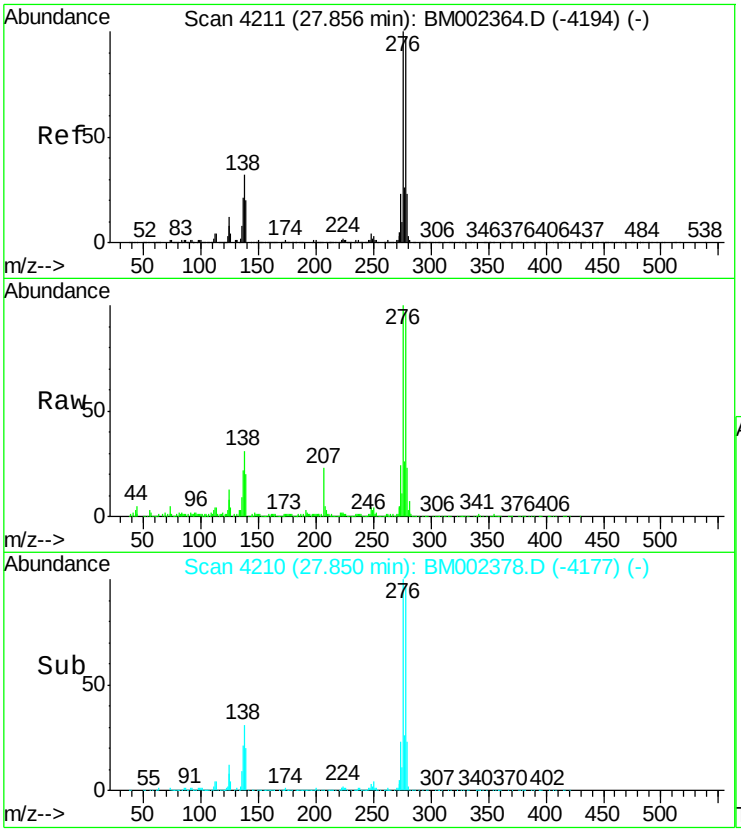


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.81 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:276 Resp: 636474

Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.6	38.4
277	26.3	21.0	31.4



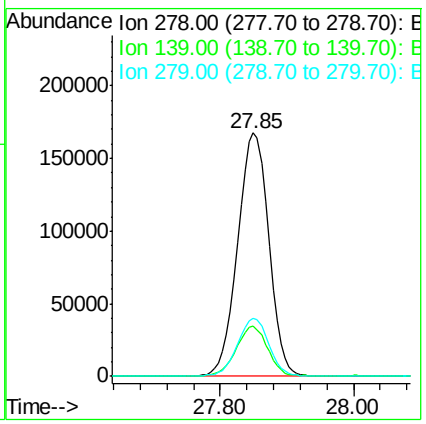


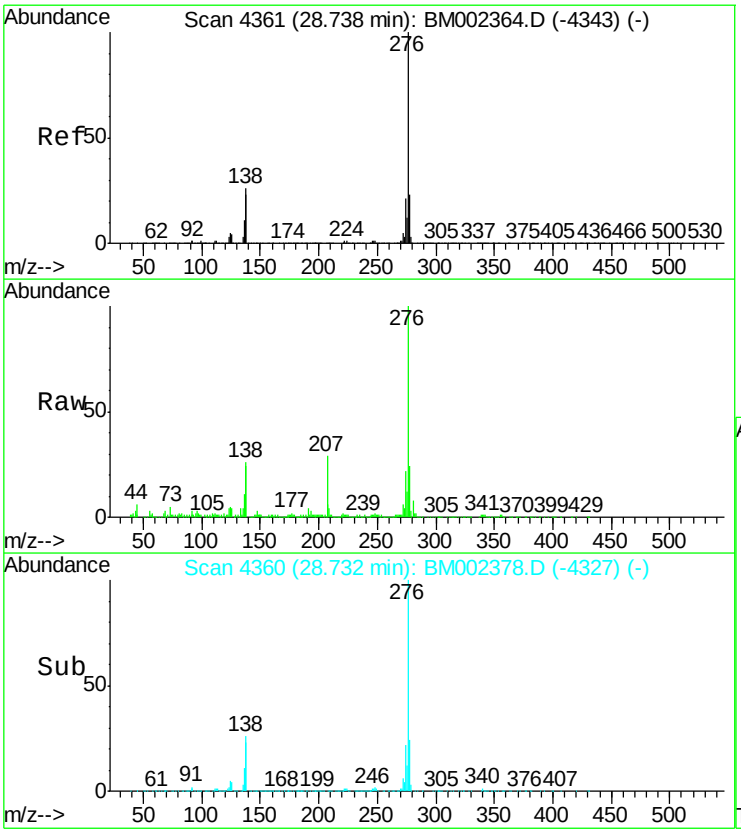
#28
Dibenzo(a,h)anthracene
Concen: 20.86 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tgt Ion:278 Resp: 540305

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.4	24.6
279	24.1	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.68 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BM002378.D
Acq: 13 Aug 2015 01:36

Tgt Ion:276 Resp: 533564

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.5	30.7
277	23.8	19.0	28.6