Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081315\
Data File : BM002380.D
Acq On : 13 Aug 2015 02:49
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02029

Quant Time: Aug 13 05:07:29 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	169643	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	746307	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	367951	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	686632	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	468074	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	447470	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	770973	20.23	ng/ul	0.00
10) Fluorene-d10	16.46	176	512325	19.33	ng/ul	0.00
14) Anthracene-d10	18.30	188	663786	19.92	ng/ul	0.00
18) Pyrene-d10	20.52	212	542128	23.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	475157	20.00	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	11.83	128	776650	19.76	ng/ul	100
4) 2-Methylnaphthalene	13.37	142	534711	19.05	ng/ul	99
5) 1-Methylnaphthalene	13.59	142	522485	18.88	ng/ul	98
8) Acenaphthylene	15.22	152	795628	20.11	ng/ul	99
9) Acenaphthene	15.55	153	536573	20.16	ng/ul	99
11) Fluorene	16.52	166	582044	19.42	ng/ul	99
13) Phenanthrene	18.24	178	791466	20.03	ng/ul	99
15) Anthracene	18.33	178	812310	19.90	ng/ul	100
16) Fluoranthene	20.19	202	727575	16.63	ng/ul	98
19) Pyrene	20.54	202	721731	23.85	ng/ul	97
20) Benzo(a)anthracene	22.27	228	582473	20.39	ng/ul	100
21) Chrysene	22.33	228	542790	20.05	ng/ul	99
23) Benzo(b)fluoranthene	24.14	252	561897	20.20	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	534935	20.03	ng/ul	99
26) Benzo(a)pyrene	24.86	252	535927	20.14	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	27.84	276	632195	20.72	ng/ul	98
28) Dibenzo(a,h)anthracene	27.84	278	535950	20.74	ng/ul	99
29) Benzo(g,h,i)perylene	28.72	276	531277	20.64	ng/ul	98

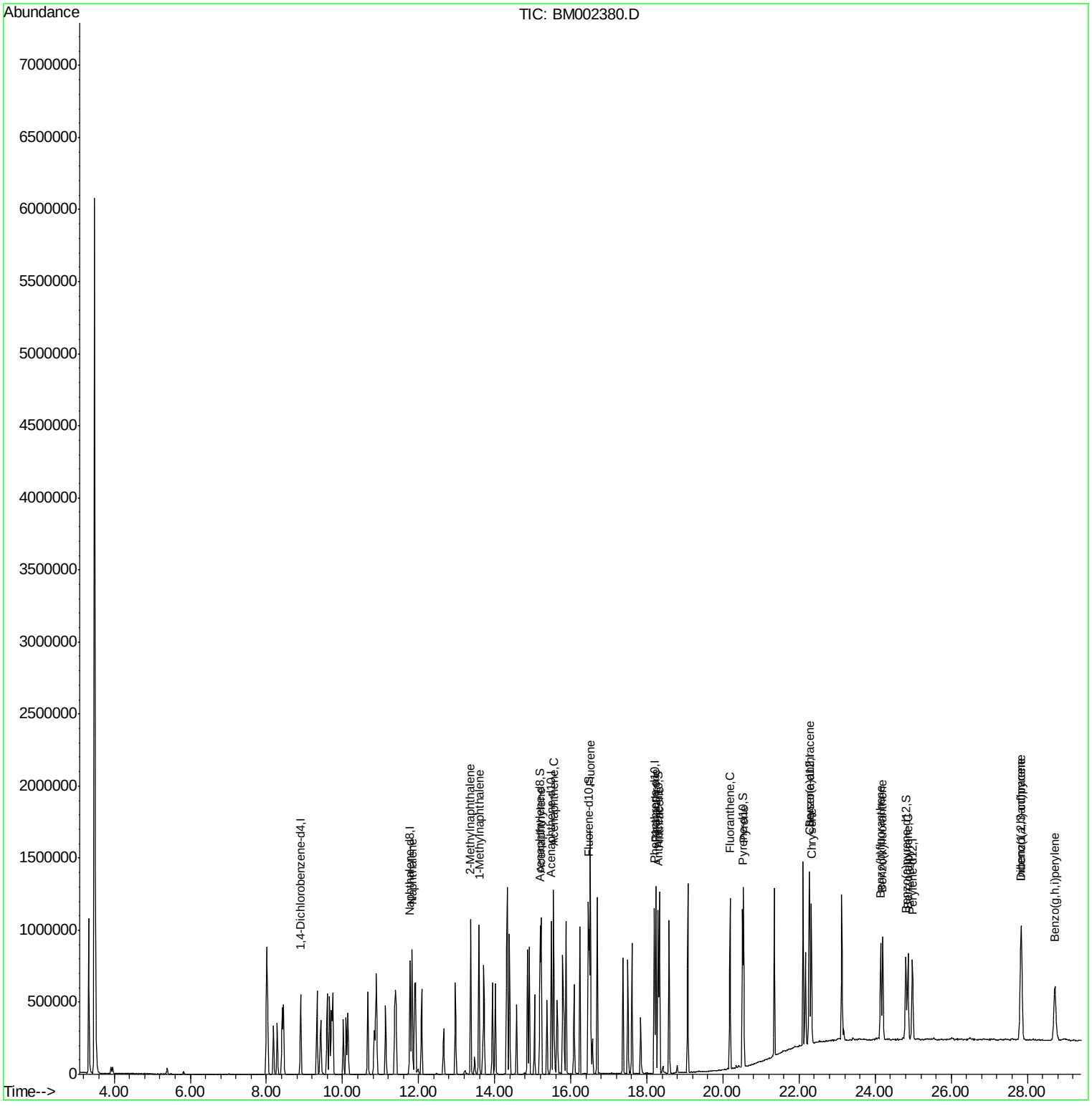
(#) = qualifier out of range (m) = manual integration (+) = signals summed

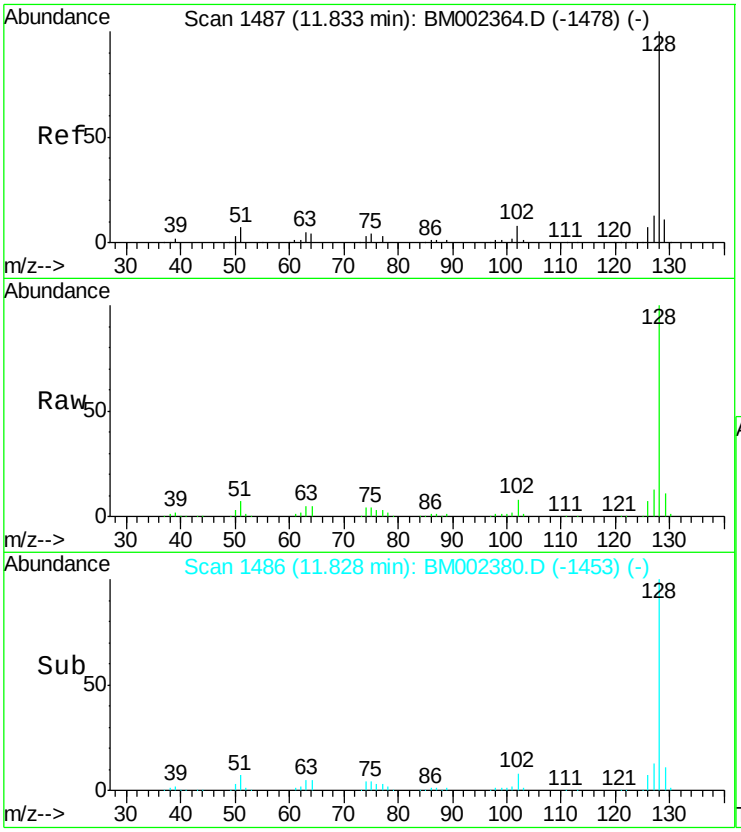
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081315\
Data File : BM002380.D
Acq On : 13 Aug 2015 02:49
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Quant Time: Aug 13 05:07:29 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



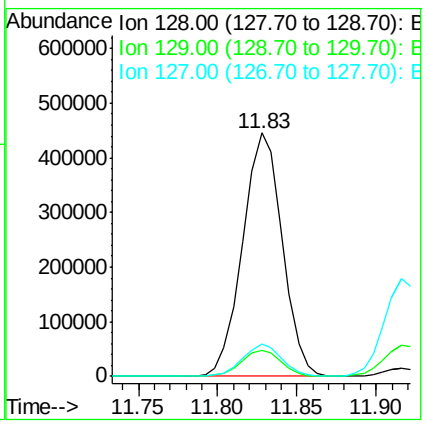


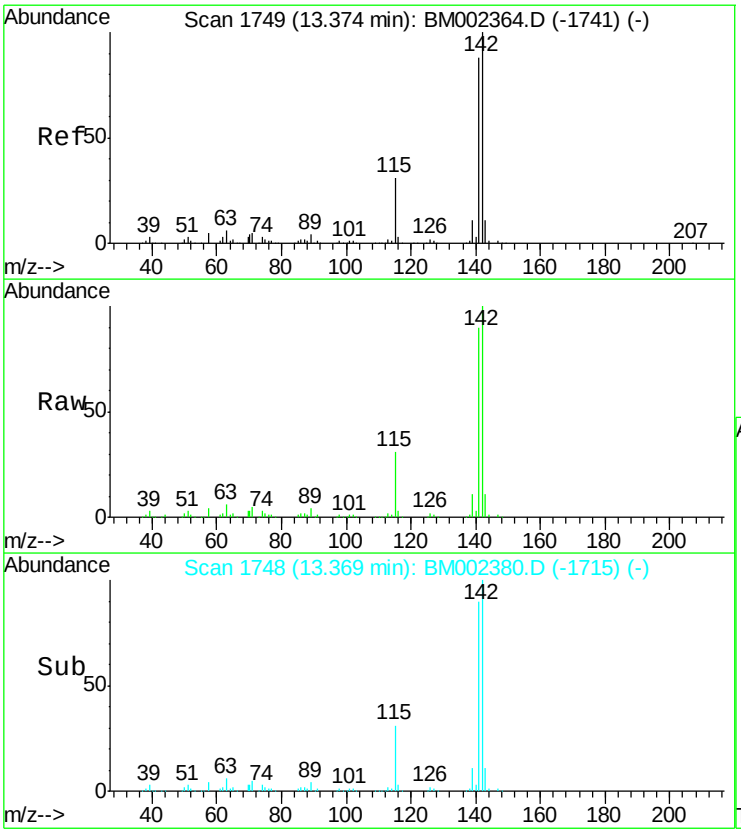
#3
Naphthalene
Concen: 19.76 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:128 Resp: 776650

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.1	10.4	15.6

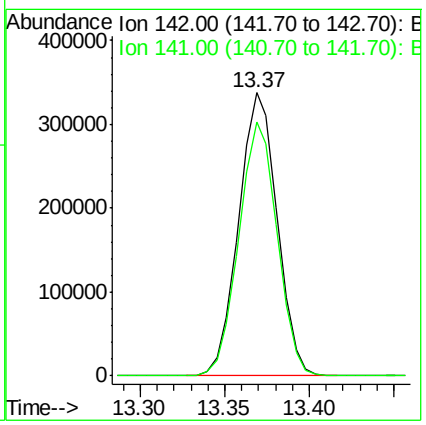


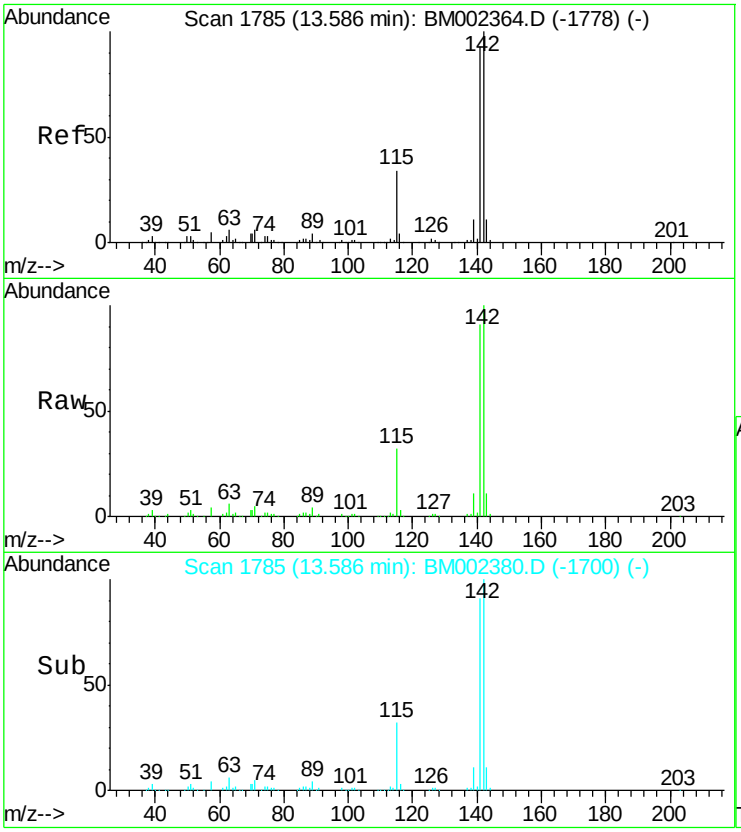


#4
2-Methylnaphthalene
Concen: 19.05 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:142 Resp: 534711

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.5	108.7



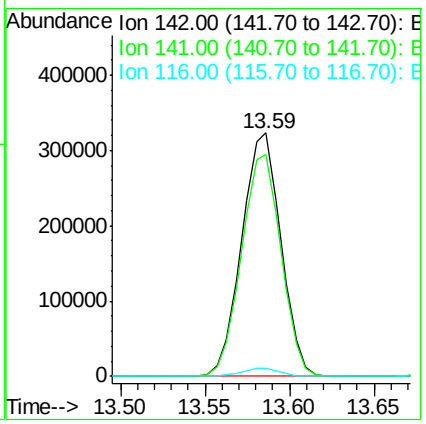


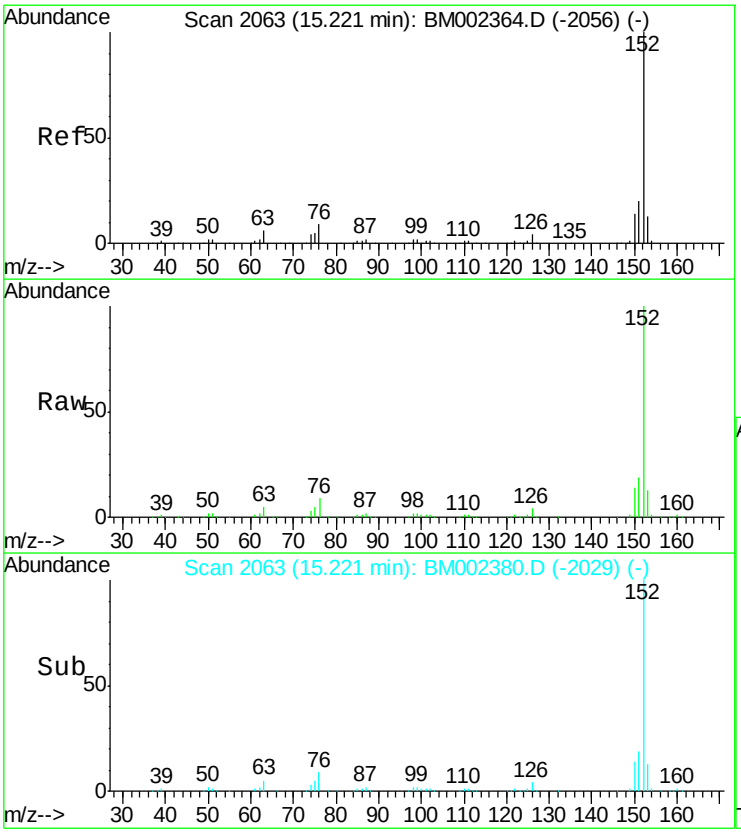
#5
1-Methylnaphthalene
Concen: 18.88 ng/ul
RT: 13.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:142 Resp: 522485

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.5	111.7
116	3.5	3.0	4.4

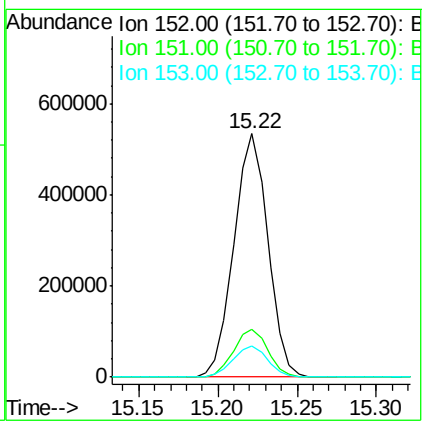


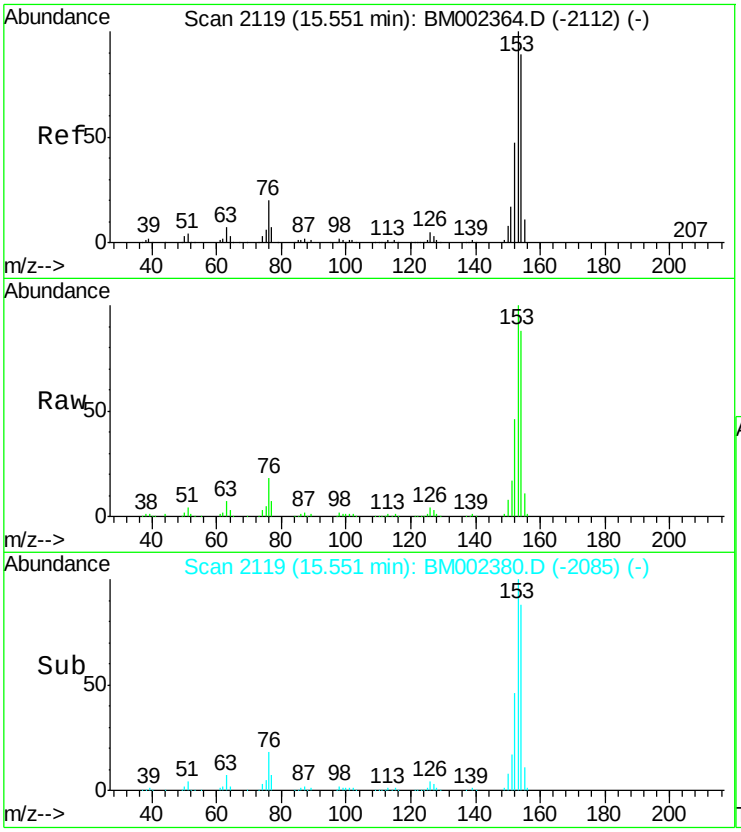


#8
Acenaphthylene
Concen: 20.11 ng/ul
RT: 15.22 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:152 Resp: 795628

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.8	10.6	15.8



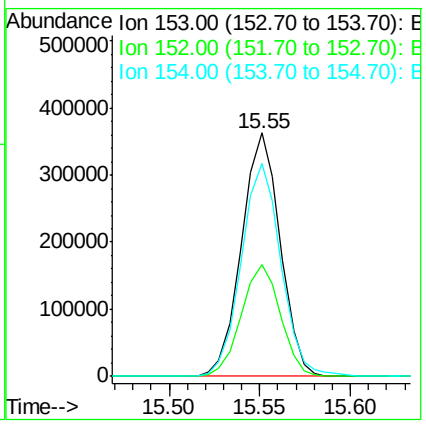


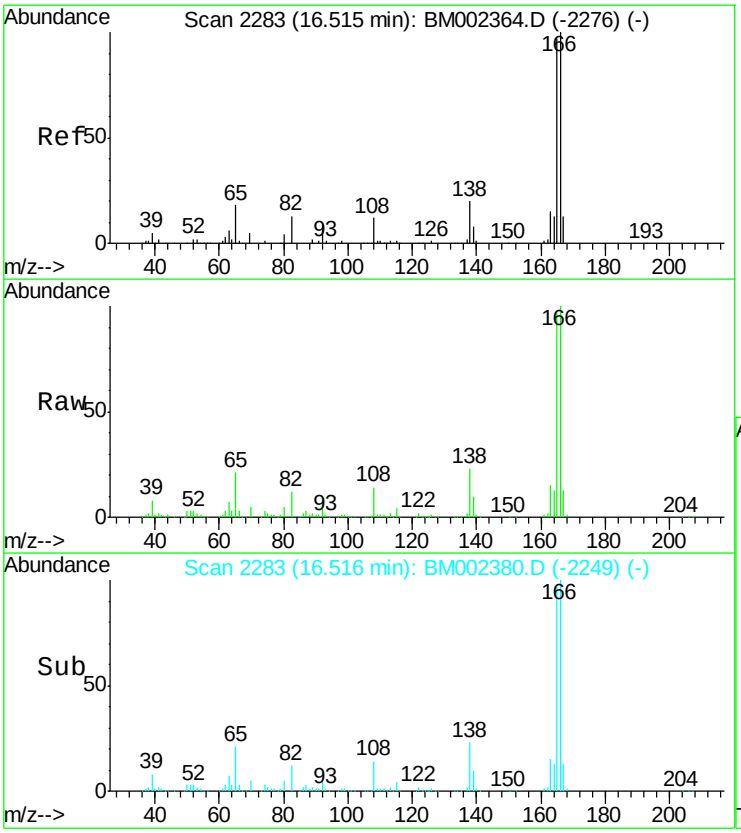
#9
Acenaphthene
Concen: 20.16 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:153 Resp: 536573

Ion	Ratio	Lower	Upper
153	100		
152	46.0	36.6	55.0
154	87.7	71.5	107.3

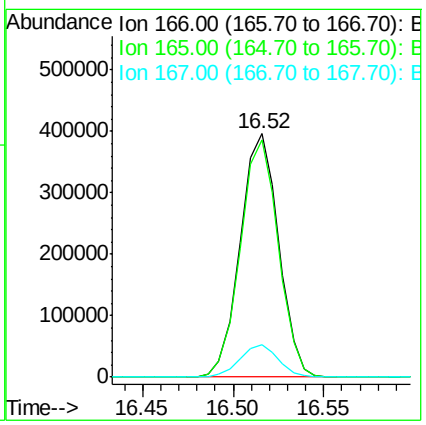


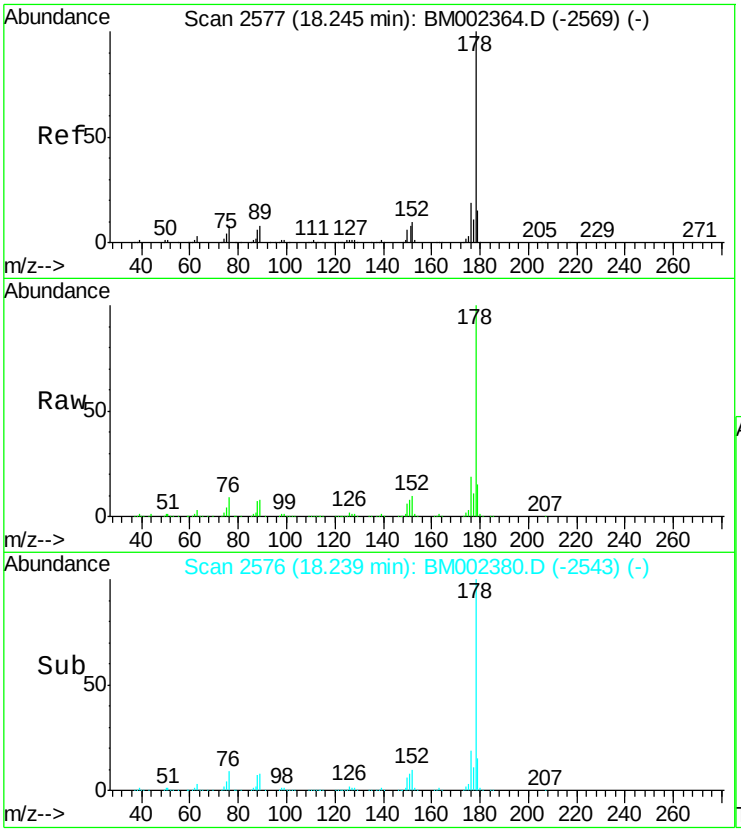


#11
Fluorene
Concen: 19.42 ng/ul
RT: 16.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:166 Resp: 582044

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.5	116.3
167	13.4	10.4	15.6



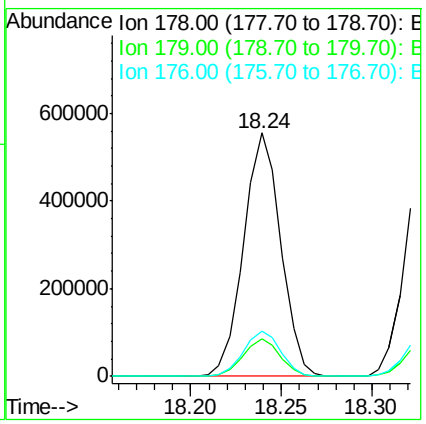


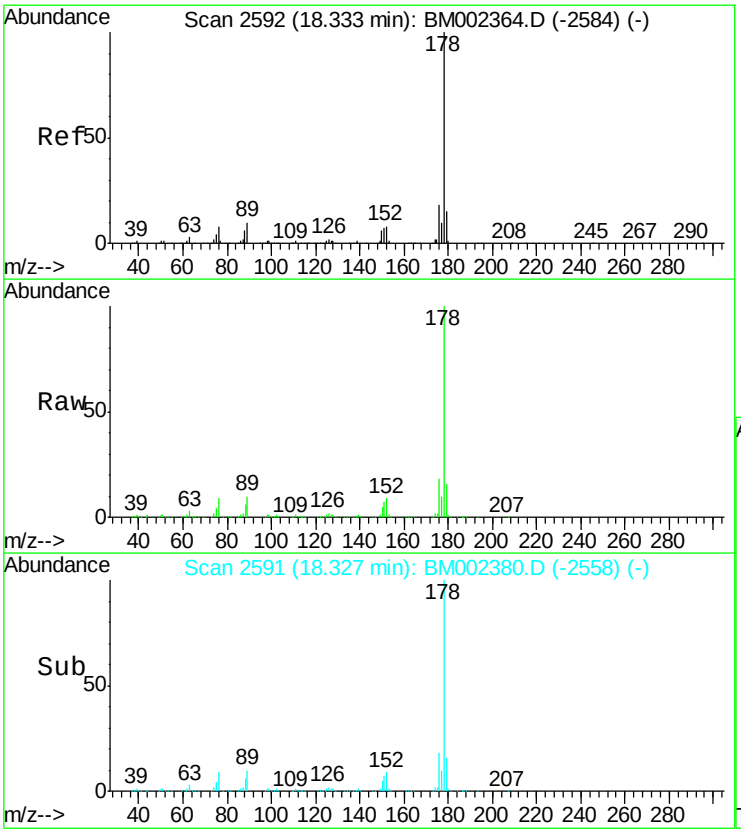
#13
Phenanthrene
Concen: 20.03 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:178 Resp: 791466

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.6	15.3	22.9

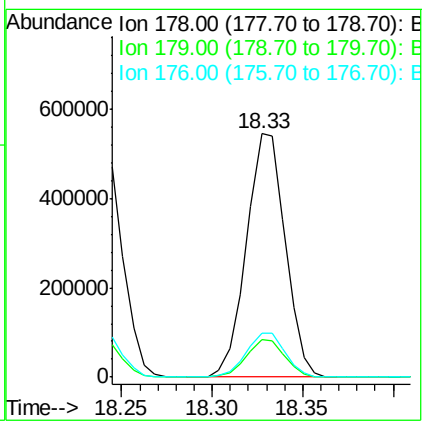


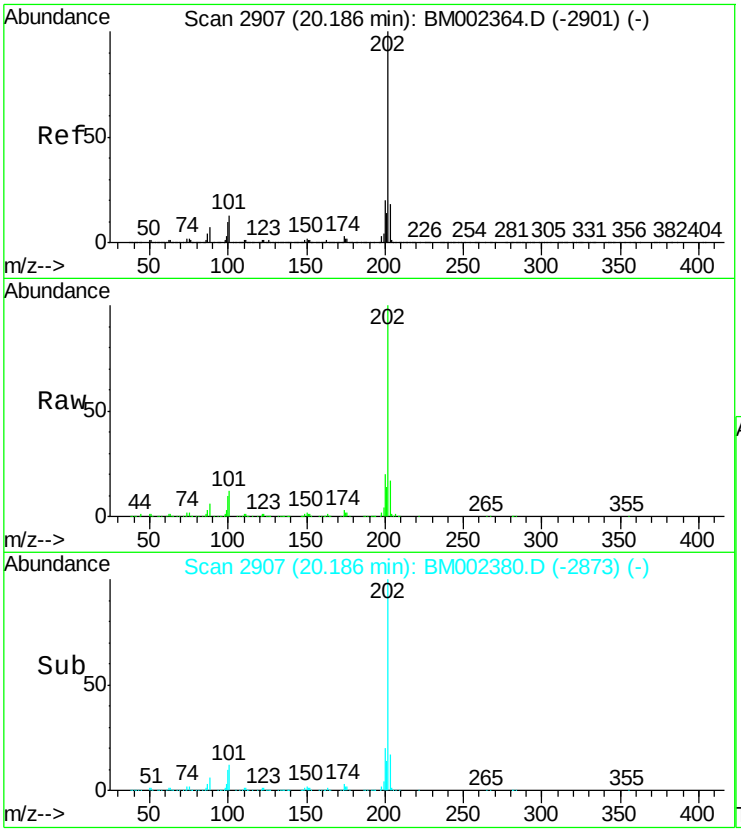


#15
Anthracene
Concen: 19.90 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:178 Resp: 812310

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.0	14.5	21.7



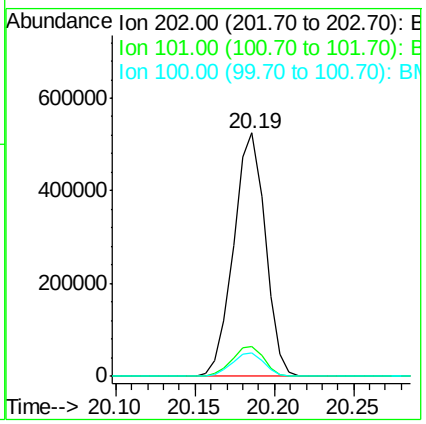


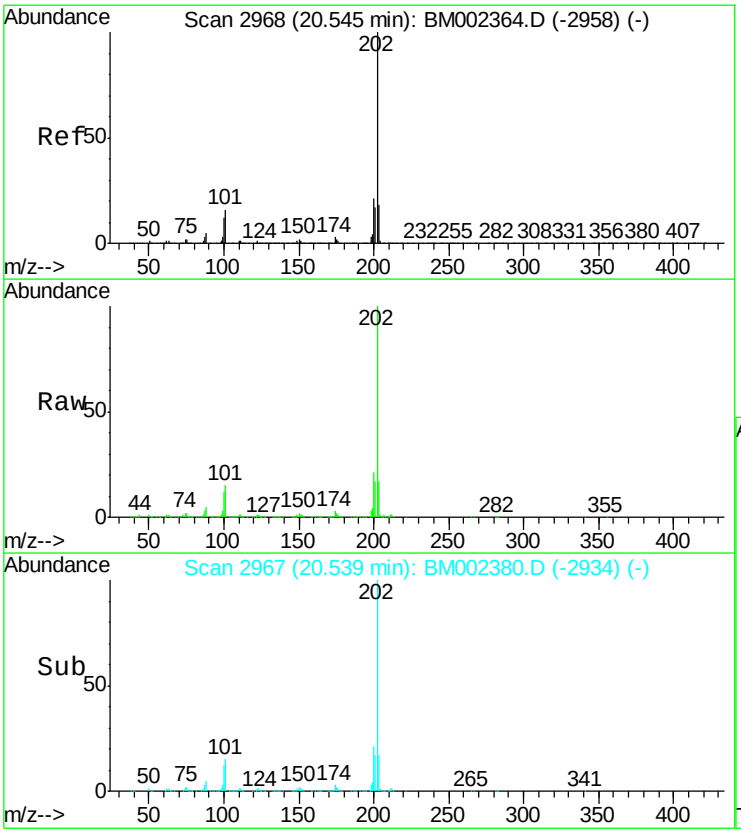
#16
Fluoranthene
Concen: 16.63 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:202 Resp: 727575

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
100	9.6	8.2	12.4

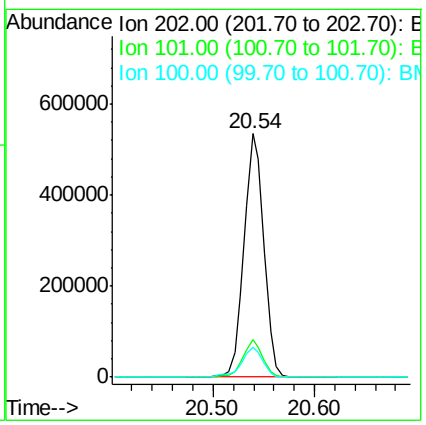


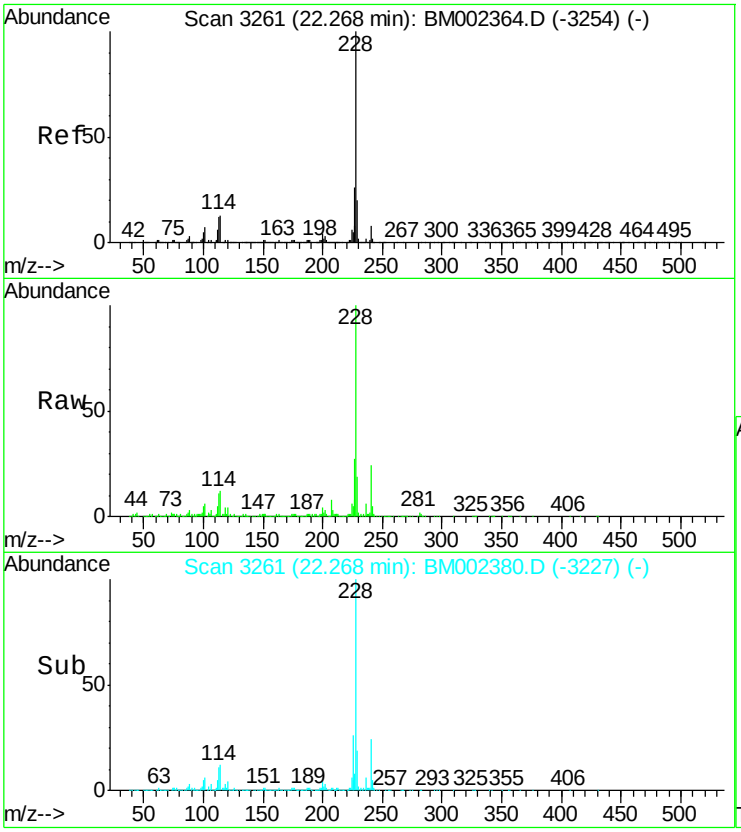


#19
Pyrene
Concen: 23.85 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:202 Resp: 721731

Ion	Ratio	Lower	Upper
202	100		
101	15.3	13.0	19.6
100	12.4	11.0	16.4



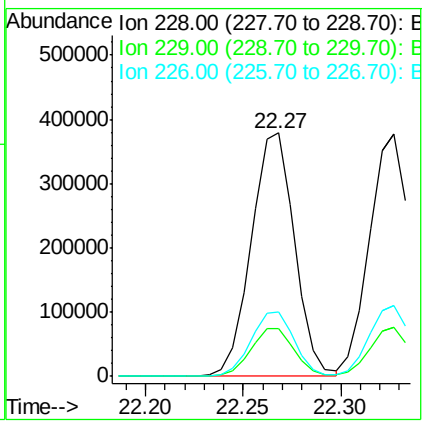


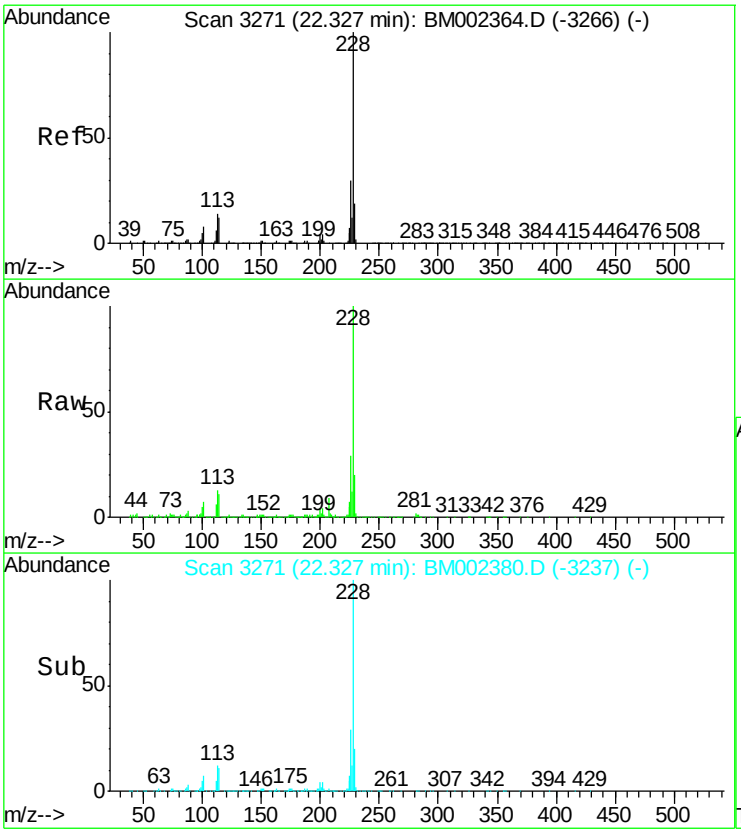
#20
Benzo(a)anthracene
Concen: 20.39 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:228 Resp: 582473

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	26.5	21.4	32.0

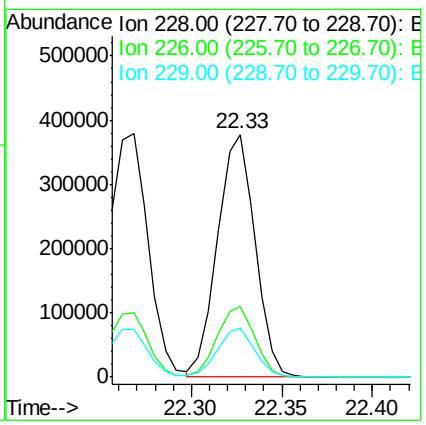


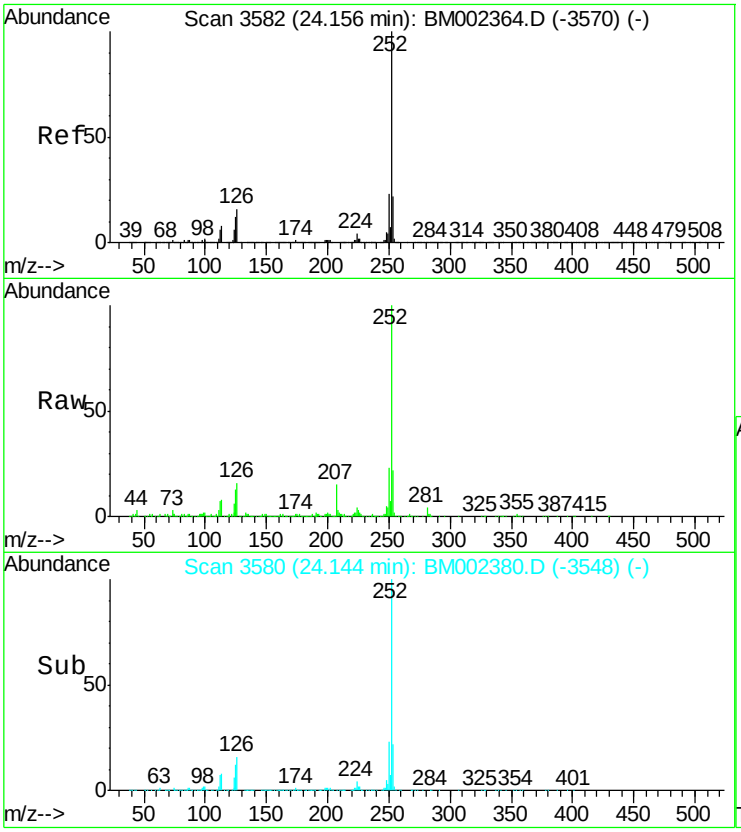


#21
Chrysene
Concen: 20.05 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:228 Resp: 542790

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	20.0	15.5	23.3



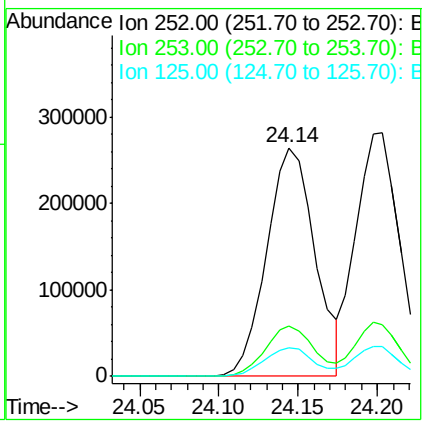


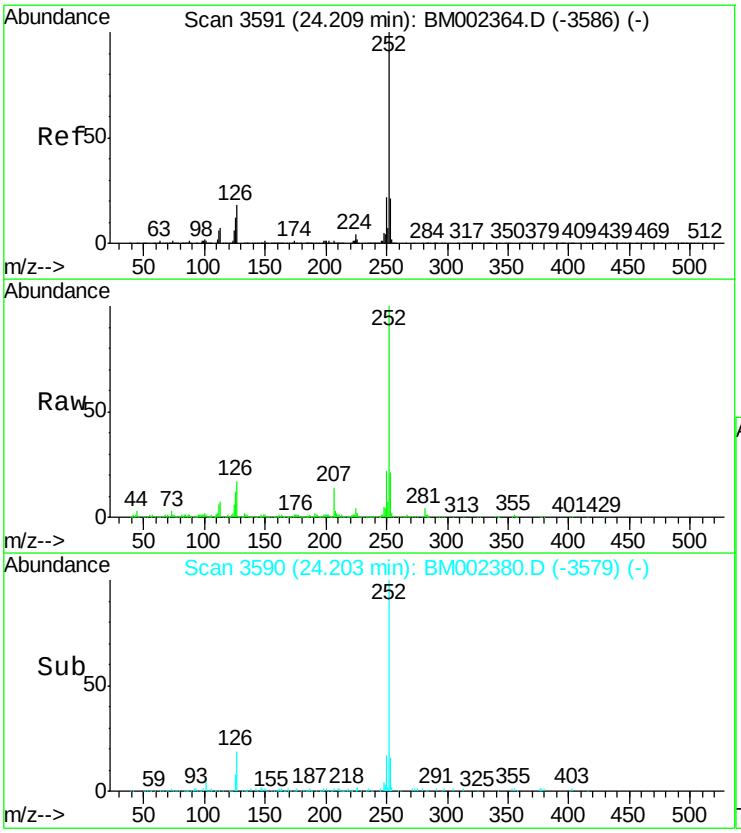
#23
Benzo(b)fluoranthene
Concen: 20.20 ng/ul
RT: 24.14 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:252 Resp: 561897

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.7	10.3	15.5

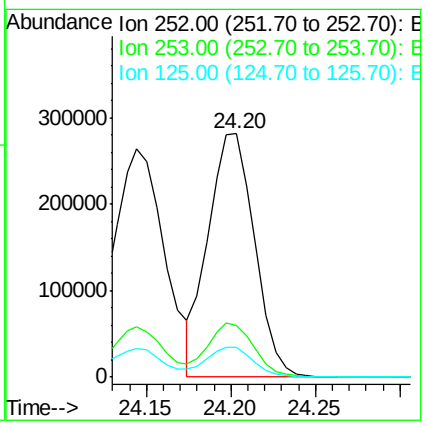


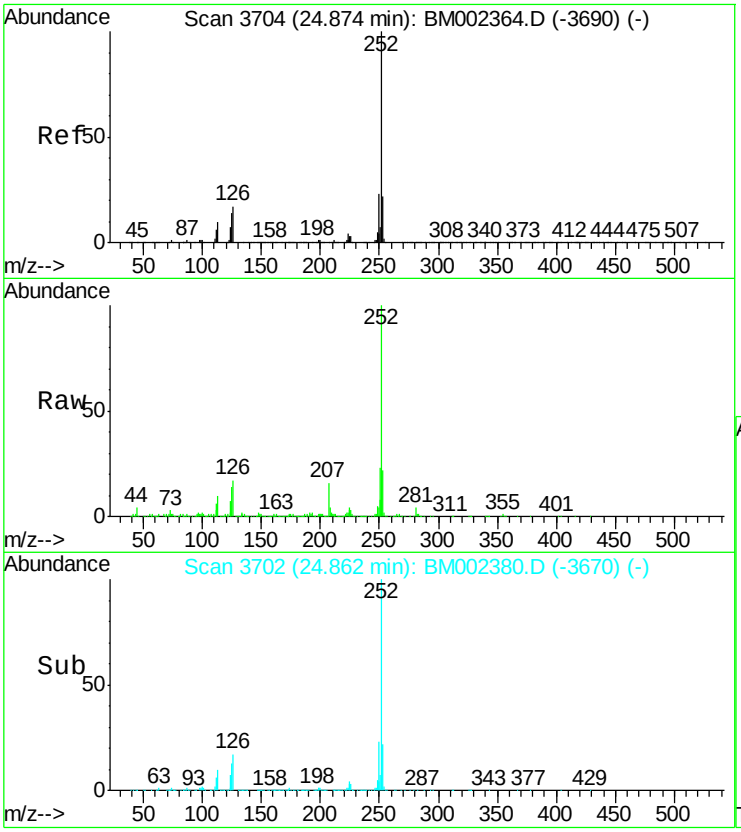


#24
Benzo(k)fluoranthene
Concen: 20.03 ng/ul
RT: 24.20 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:252 Resp: 534935

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	12.2	10.2	15.4



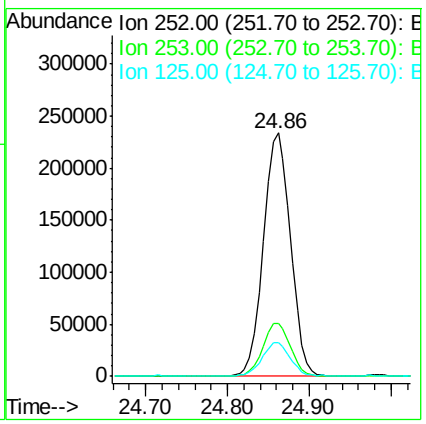


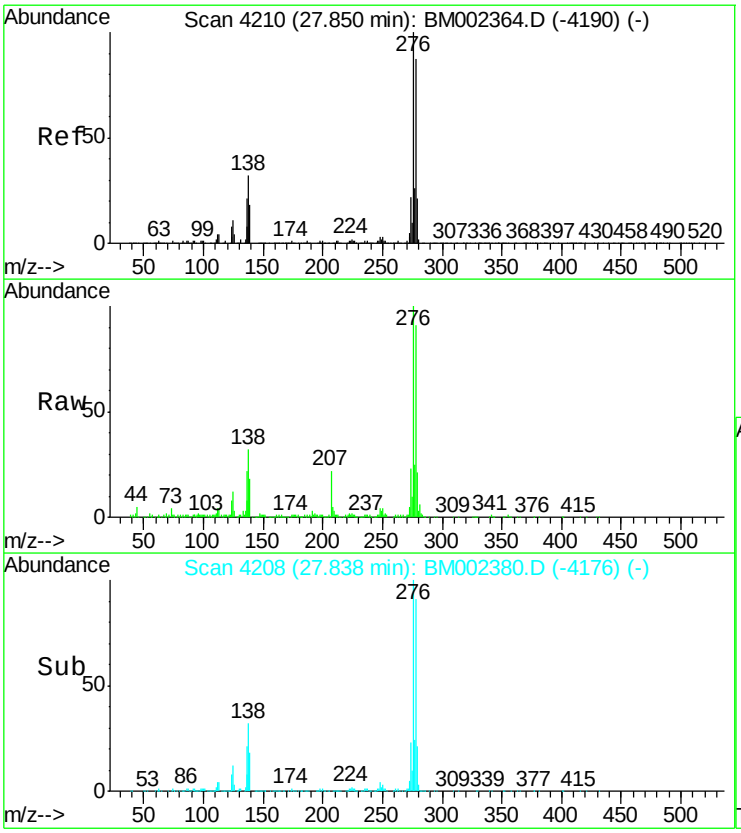
#26
Benzo(a)pyrene
Concen: 20.14 ng/ul
RT: 24.86 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:252 Resp: 535927

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	13.6	11.0	16.6

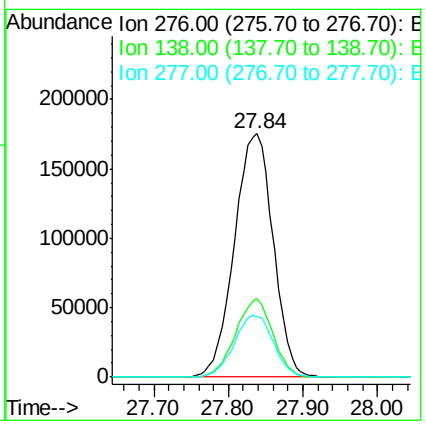


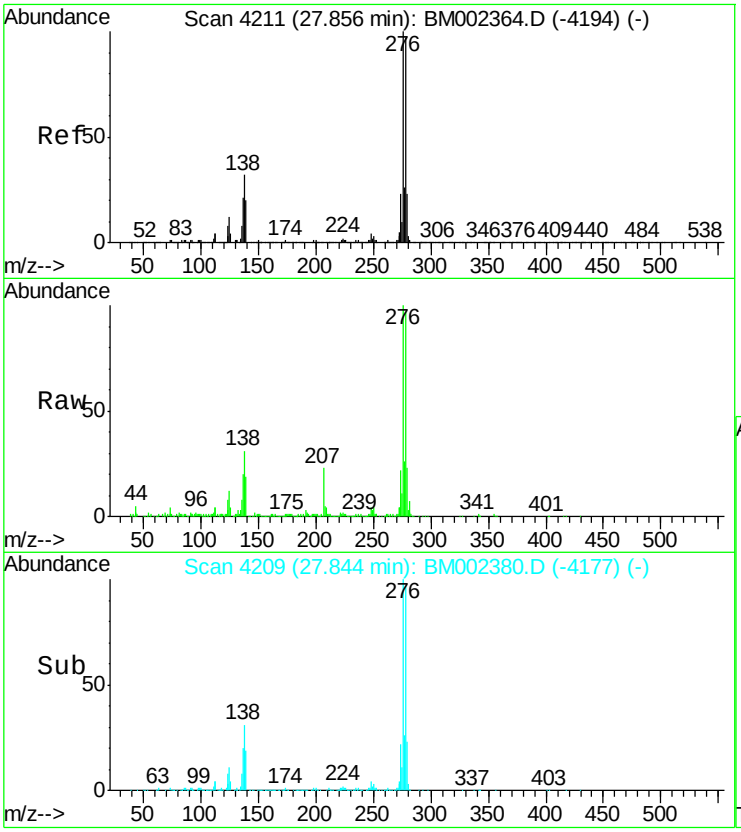


#27
Indeno(1,2,3-cd)pyrene
Concen: 20.72 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:276 Resp: 632195

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.6	38.4
277	24.6	21.0	31.4



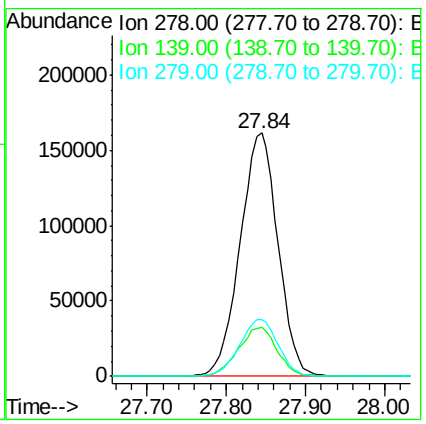


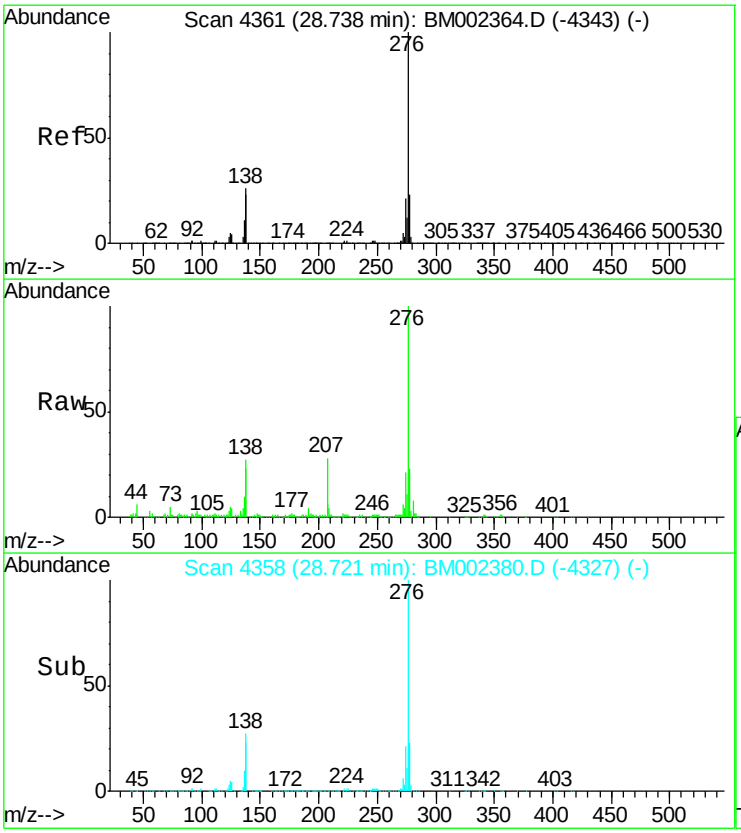
#28
Dibenzo(a,h)anthracene
Concen: 20.74 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Instrument :
BNA_M
ClientSampleId :
SSTD02029

Tgt Ion:278 Resp: 535950

Ion	Ratio	Lower	Upper
278	100		
139	20.0	16.4	24.6
279	23.5	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.64 ng/ul
RT: 28.72 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BM002380.D
Acq: 13 Aug 2015 02:49

Tgt Ion:276 Resp: 531277

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.5	30.7
277	23.4	19.0	28.6