Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002585.D
Acq On : 30 Aug 2015 03:35
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02064

Quant Time: Aug 31 01:37:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	163291	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	699707	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	320717	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	533070	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	450171	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	471839	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	622451	18.98	ng/ul	0.00
10) Fluorene-d10	16.34	176	398585	17.31	ng/ul	0.00
14) Anthracene-d10	18.18	188	483091	18.79	ng/ul	0.00
18) Pyrene-d10	20.40	212	413695	20.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	464199	18.73	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.70	128	675389	18.91	ng/ul	99
4) 2-Methylnaphthalene	13.25	142	461528	17.25	ng/ul	100
5) 1-Methylnaphthalene	13.46	142	449344	16.98	ng/ul	99
8) Acenaphthylene	15.10	152	656257	19.12	ng/ul	99
9) Acenaphthene	15.43	153	427067	18.89	ng/ul	100
11) Fluorene	16.40	166	453275	17.50	ng/ul	99
13) Phenanthrene	18.12	178	585245	19.01	ng/ul	99
15) Anthracene	18.22	178	586957	18.82	ng/ul	99
16) Fluoranthene	20.07	202	535205	15.36	ng/ul	97
19) Pyrene	20.43	202	544441	20.64	ng/ul	99
20) Benzo(a)anthracene	22.14	228	504849	18.75	ng/ul	100
21) Chrysene	22.20	228	475160	18.87	ng/ul	100
23) Benzo(b)fluoranthene	23.98	252	520245	18.24	ng/ul	99
24) Benzo(k)fluoranthene	24.03	252	509153	18.84	ng/ul	99
26) Benzo(a)pyrene	24.67	252	511723	18.78	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.57	276	618928	19.75	ng/ul	98
28) Dibenzo(a,h)anthracene	27.57	278	520678	19.88	ng/ul	98
29) Benzo(g,h,i)perylene	28.43	276	521748	20.00	ng/ul	98

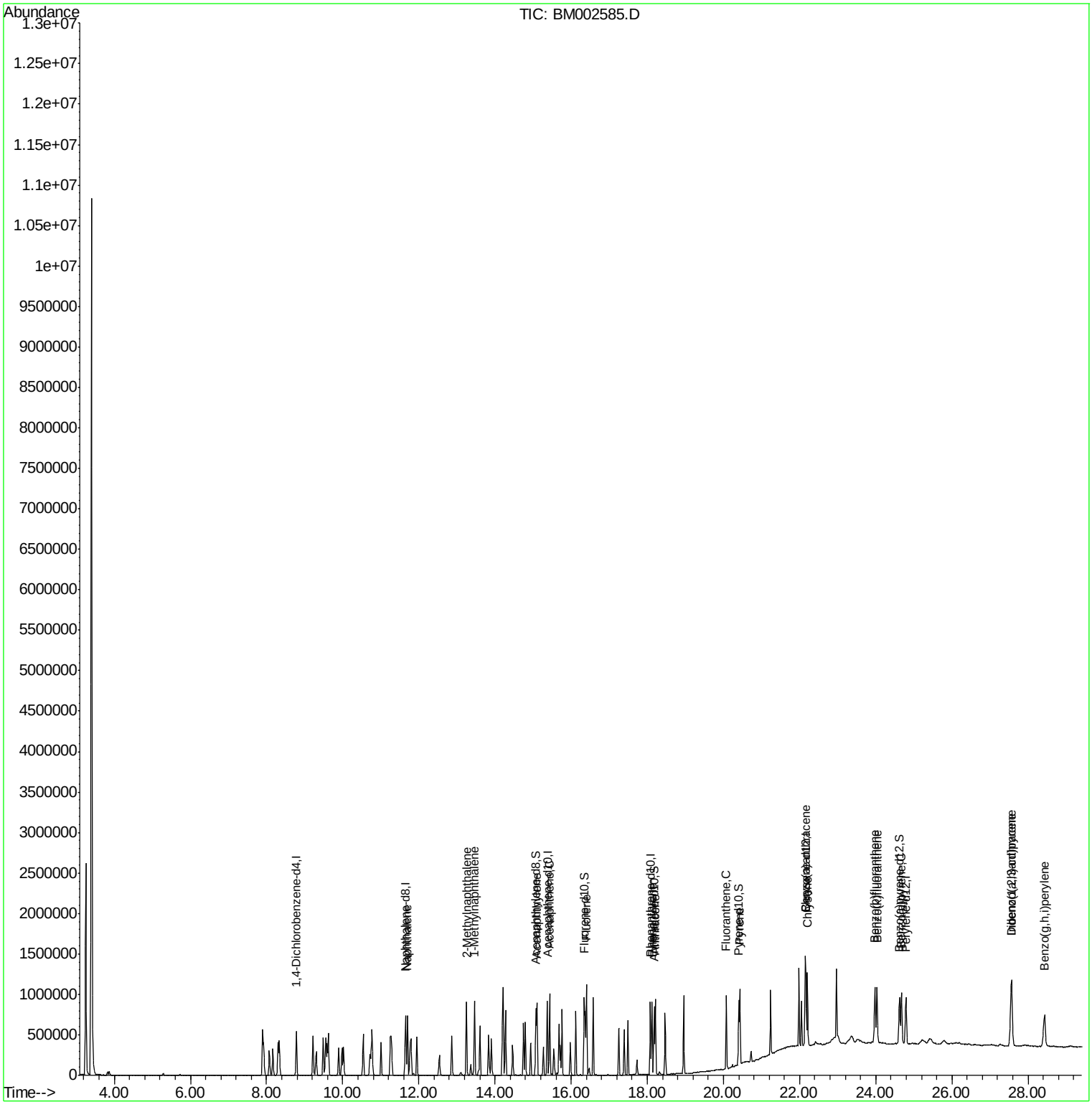
(#) = qualifier out of range (m) = manual integration (+) = signals summed

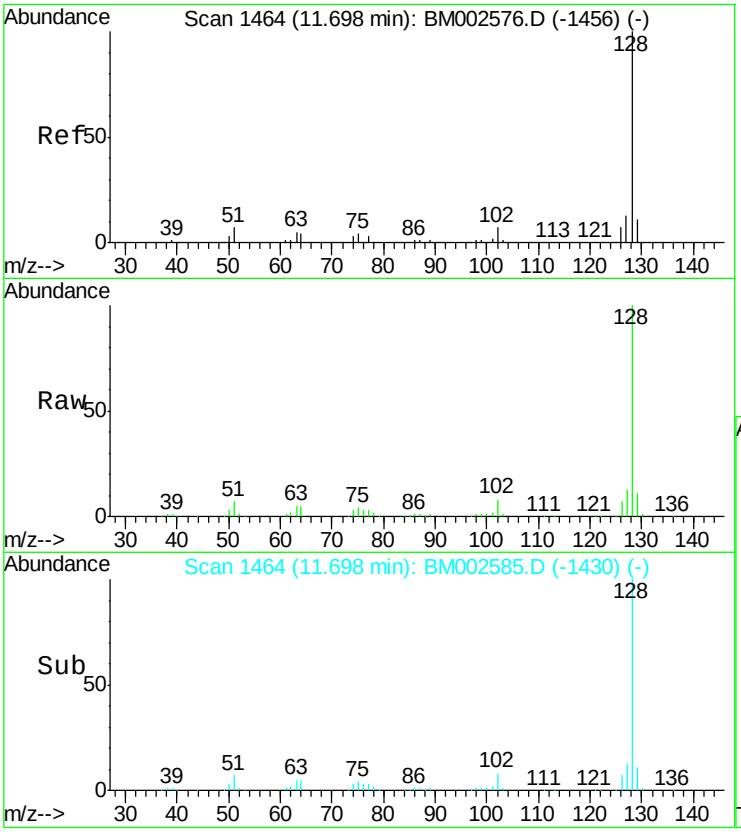
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002585.D
Acq On : 30 Aug 2015 03:35
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Quant Time: Aug 31 01:37:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:34:36 2015
Response via : Initial Calibration



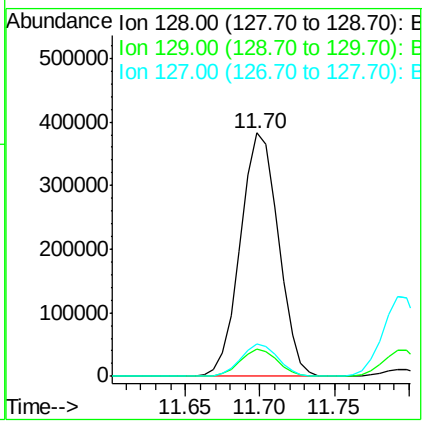


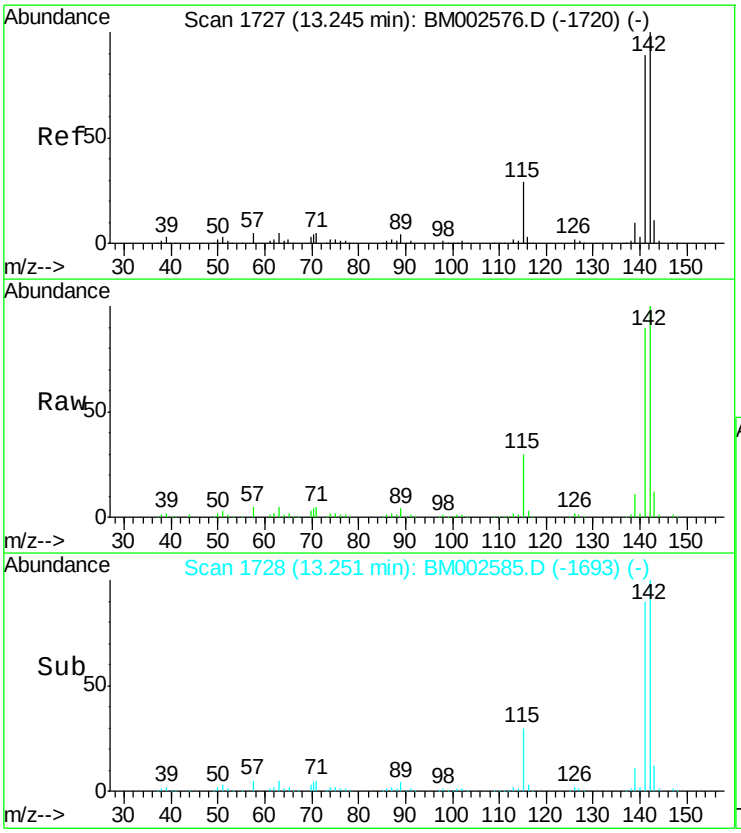
#3
Naphthalene
Concen: 18.91 ng/ul
RT: 11.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:128 Resp: 675389

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.2	10.4	15.6

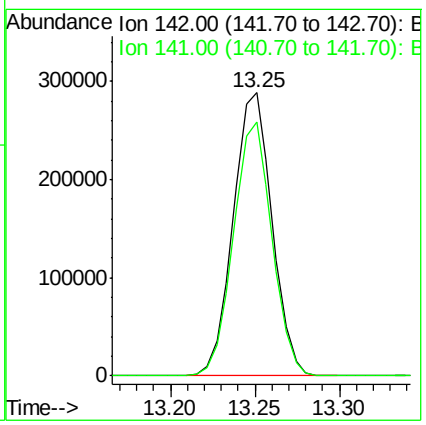


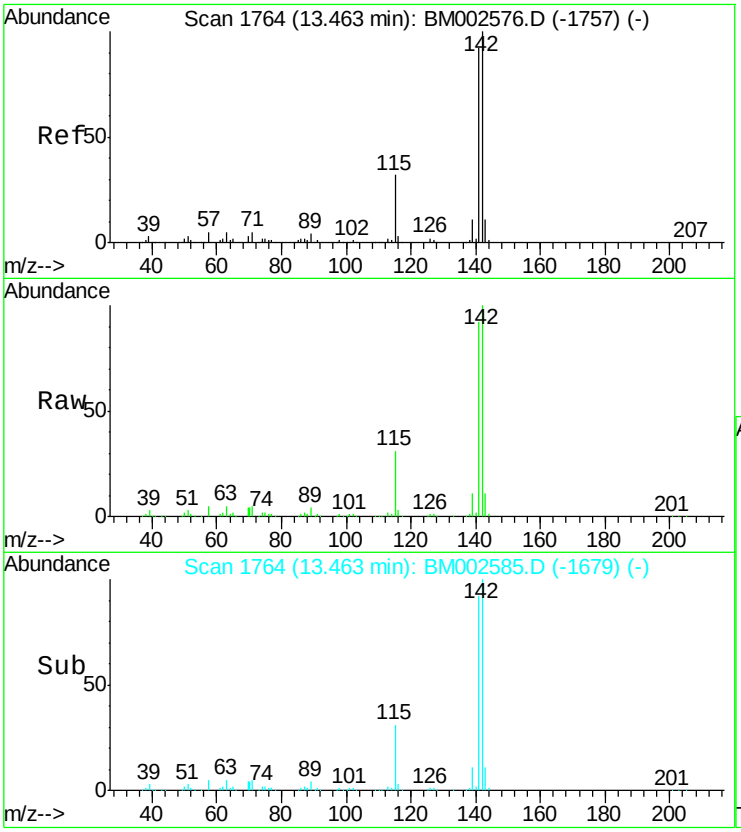


#4
2-Methylnaphthalene
Concen: 17.25 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:142 Resp: 461528

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2



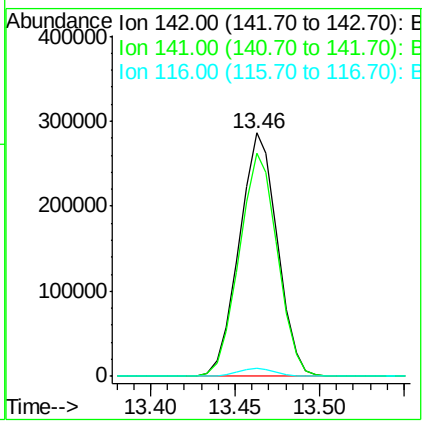


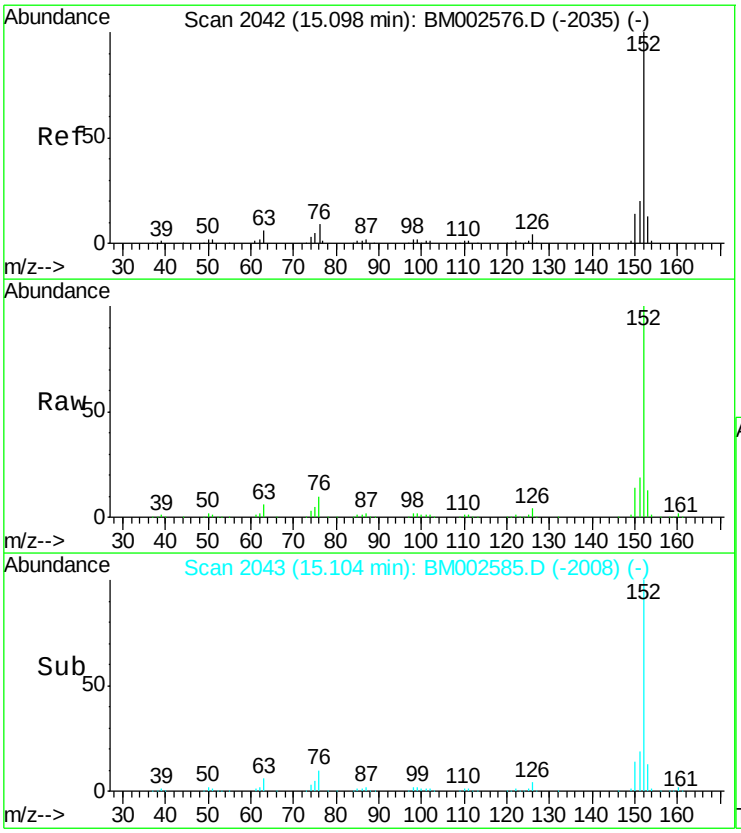
#5
1-Methylnaphthalene
Concen: 16.98 ng/ul
RT: 13.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:142 Resp: 449344

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.3	3.0	4.4

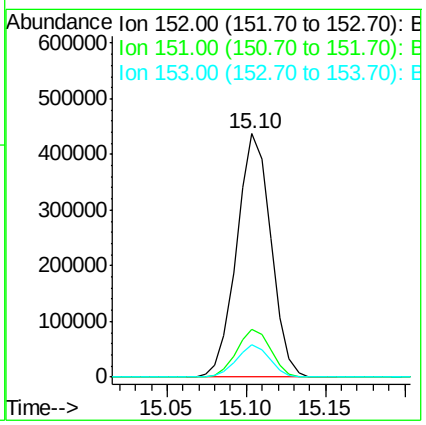


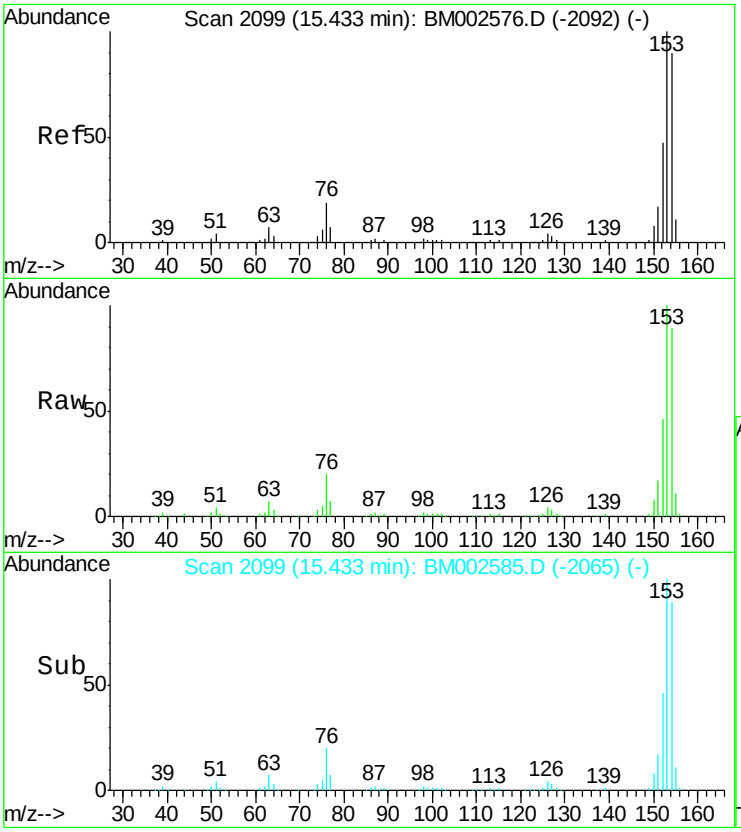


#8
Acenaphthylene
Concen: 19.12 ng/ul
RT: 15.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:152 Resp: 656257

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.2	10.2	15.4



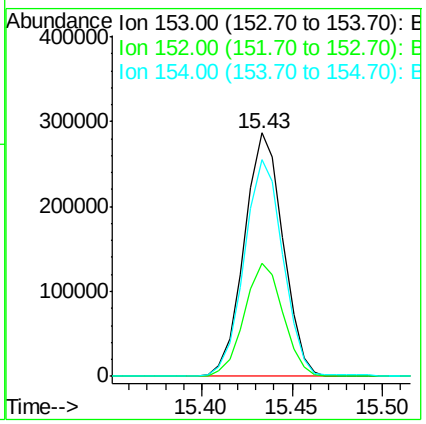


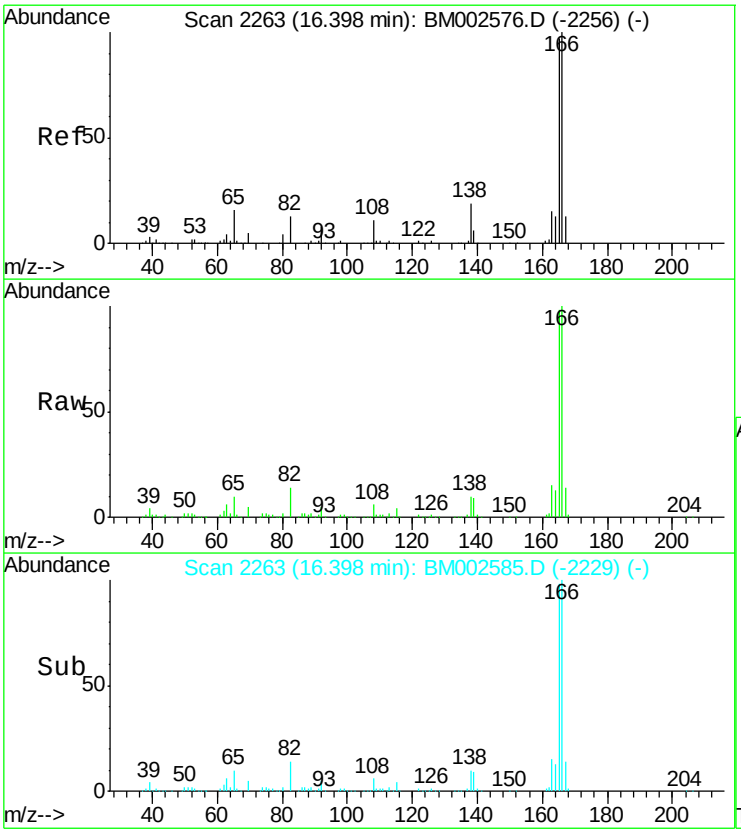
#9
Acenaphthene
Concen: 18.89 ng/ul
RT: 15.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:153 Resp: 427067

Ion	Ratio	Lower	Upper
153	100		
152	46.3	36.9	55.3
154	89.1	71.3	106.9

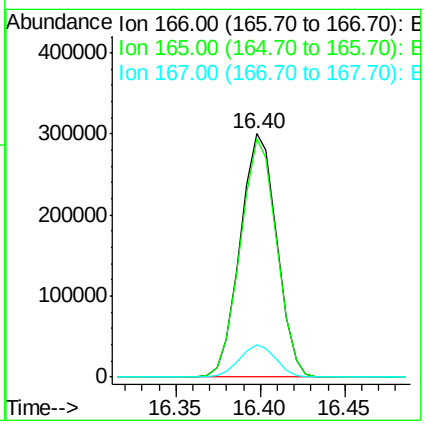


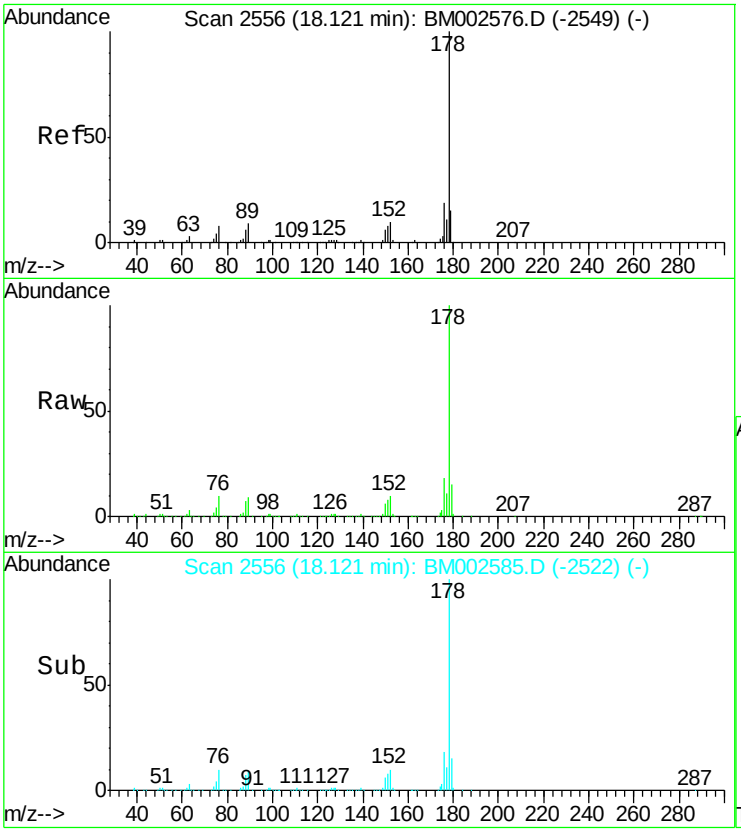


#11
Fluorene
Concen: 17.50 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:166 Resp: 453275

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.6	116.4
167	13.6	10.7	16.1



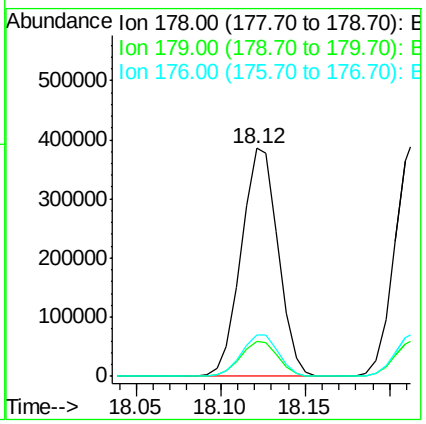


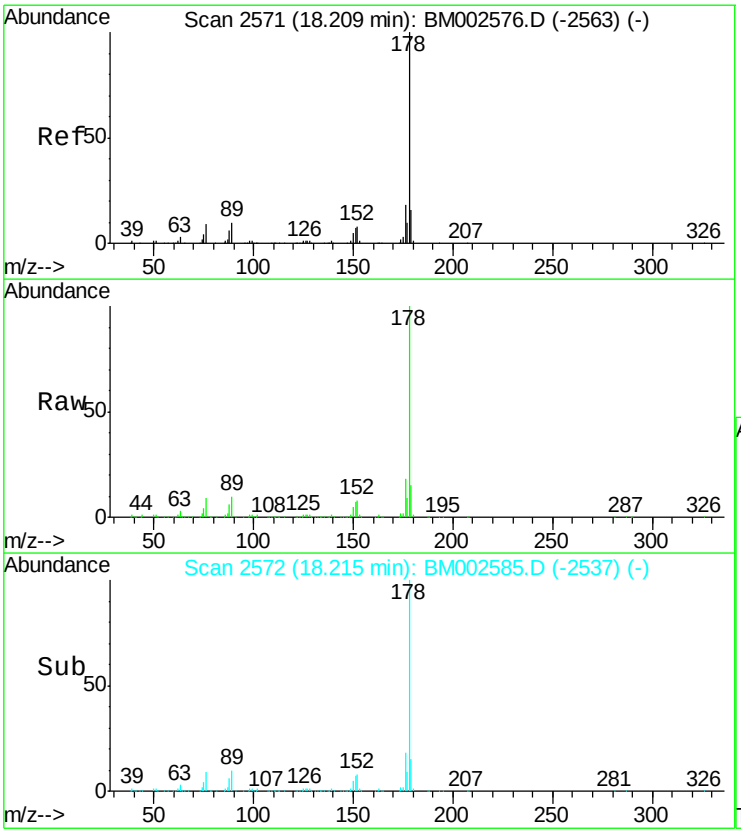
#13
Phenanthrene
Concen: 19.01 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:178 Resp: 585245

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.2	15.1	22.7

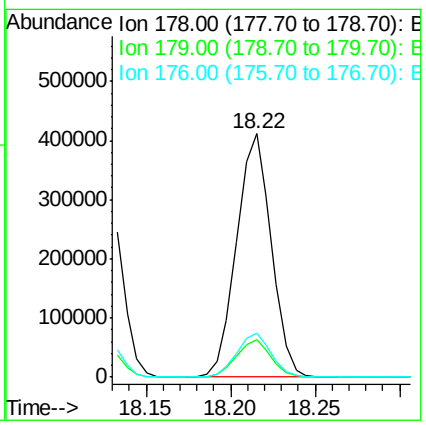


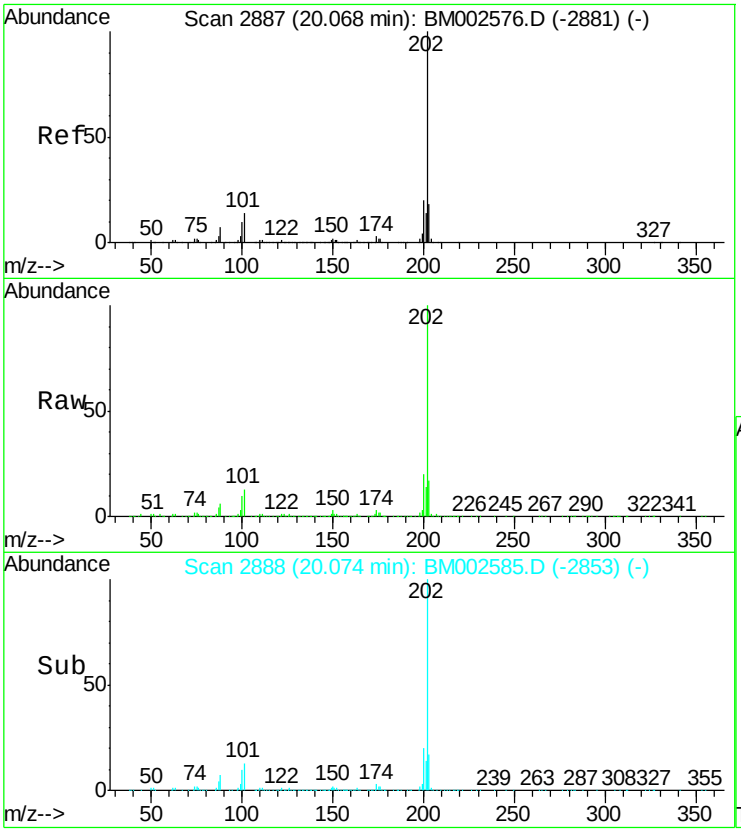


#15
Anthracene
Concen: 18.82 ng/ul
RT: 18.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:178 Resp: 586957

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.8	14.5	21.7



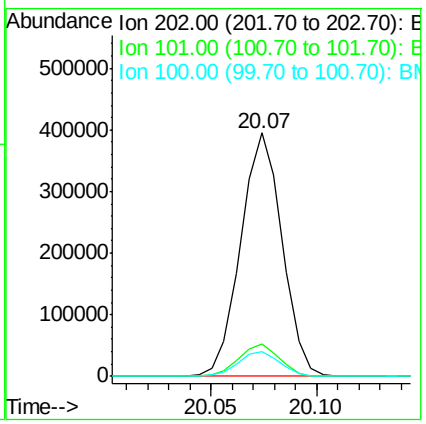


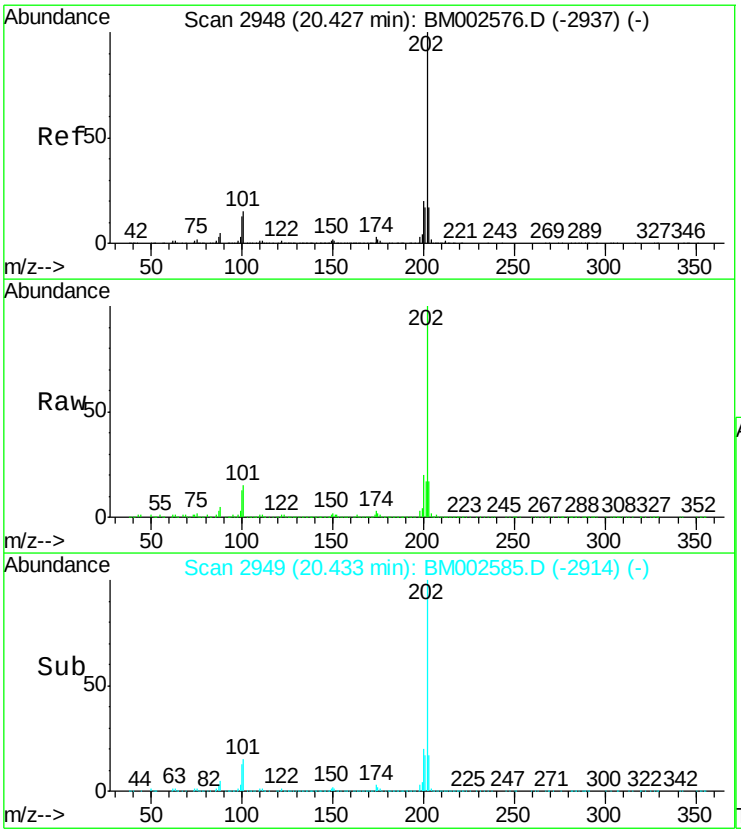
#16
Fluoranthene
Concen: 15.36 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:202 Resp: 535205

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.7	14.5
100	10.3	7.4	11.2

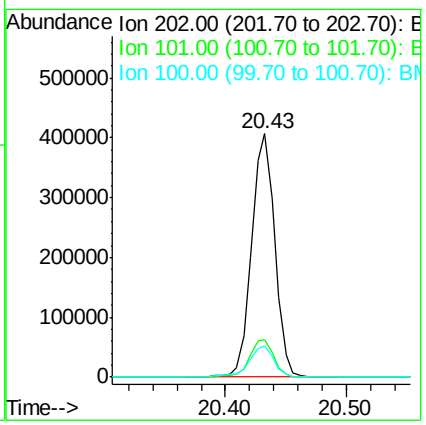


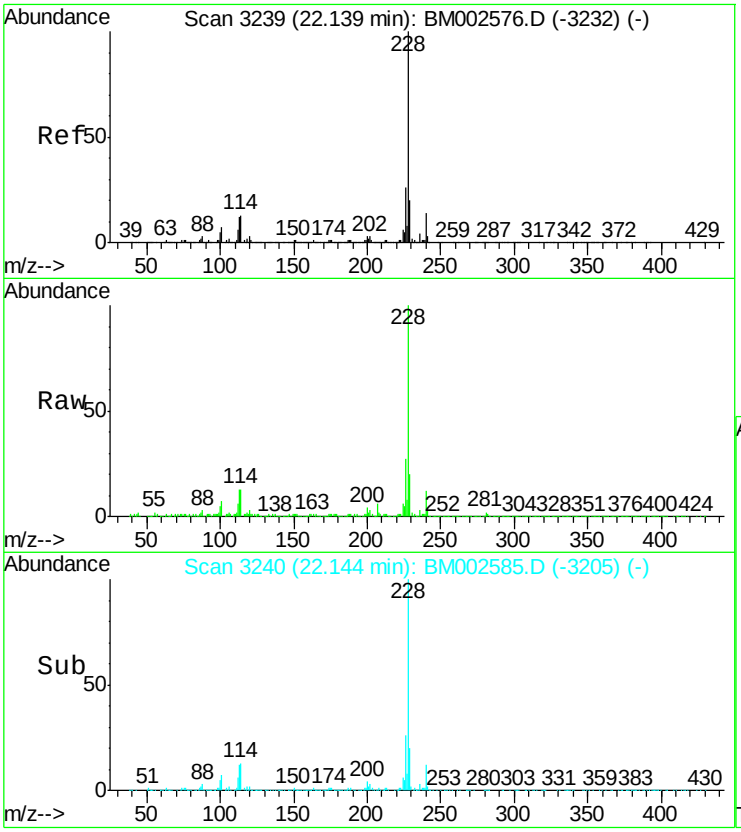


#19
Pyrene
Concen: 20.64 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:202 Resp: 544441

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.0	18.0
100	12.6	9.7	14.5



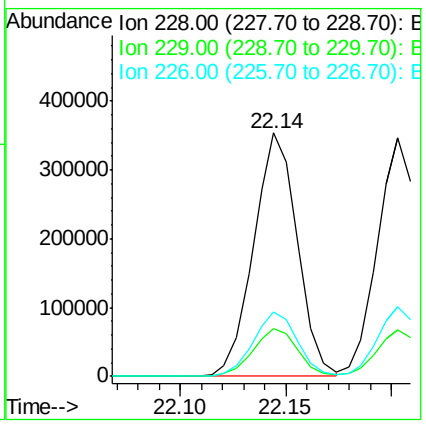


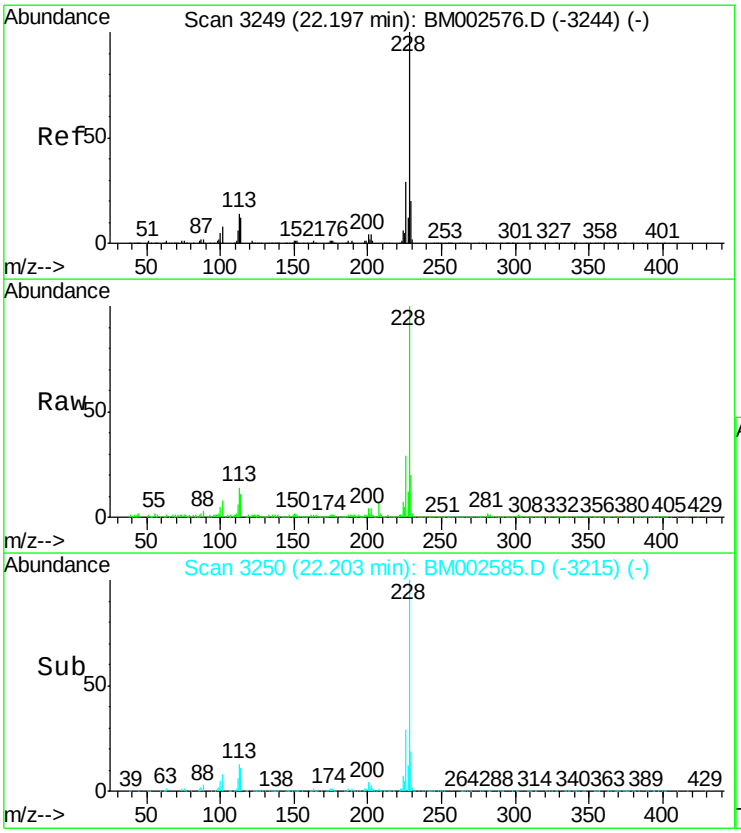
#20
Benzo(a)anthracene
Concen: 18.75 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:228 Resp: 504849

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	26.6	21.1	31.7

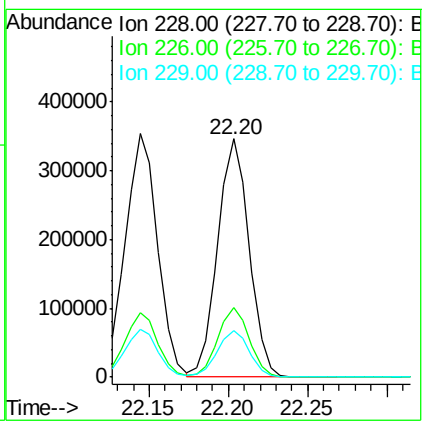


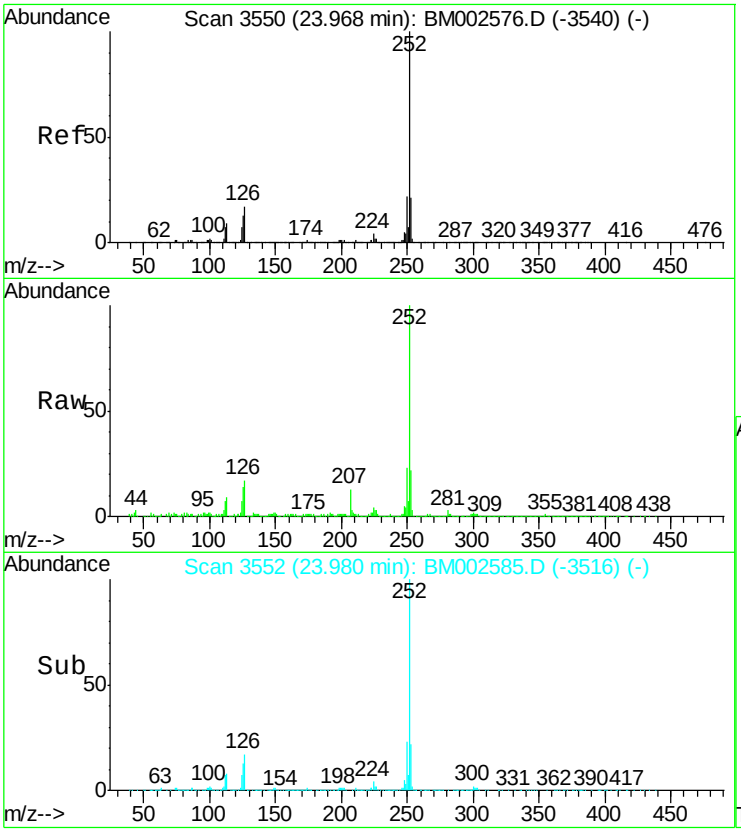


#21
Chrysene
Concen: 18.87 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:228 Resp: 475160

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	19.6	15.7	23.5



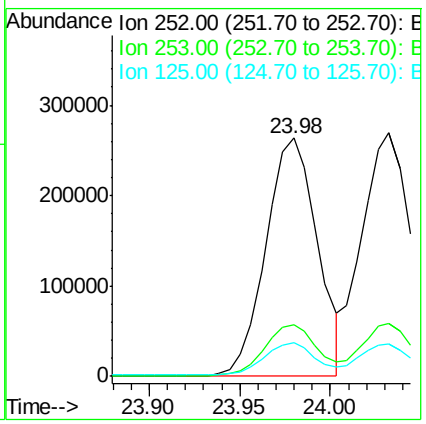


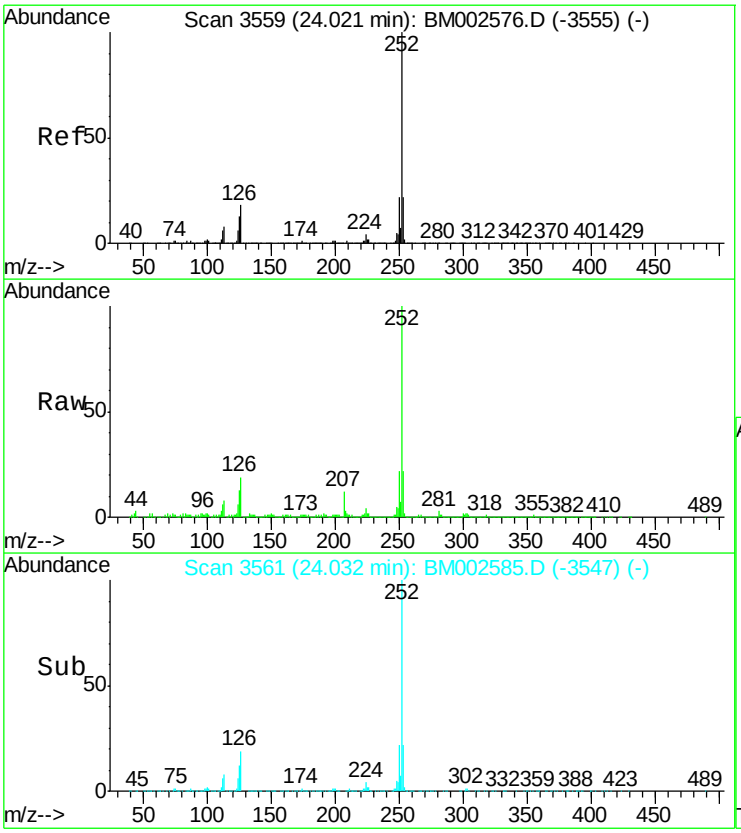
#23
Benzo(b)fluoranthene
Concen: 18.24 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:252 Resp: 520245

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	13.9	10.0	15.0

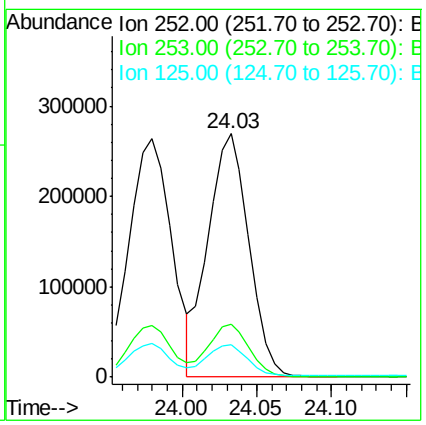


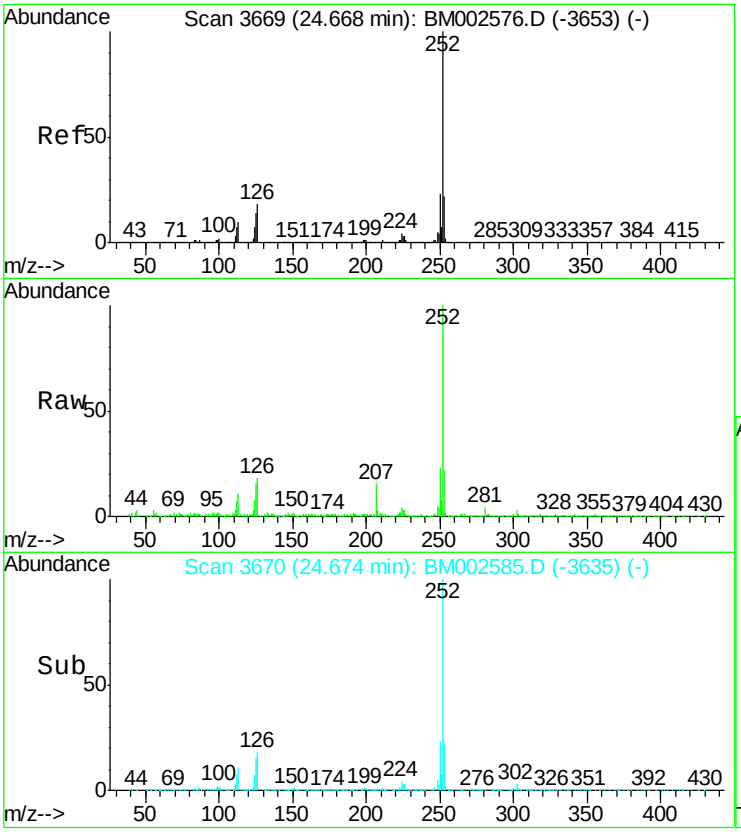


#24
Benzo(k)fluoranthene
Concen: 18.84 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:252 Resp: 509153

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.3	9.8	14.8



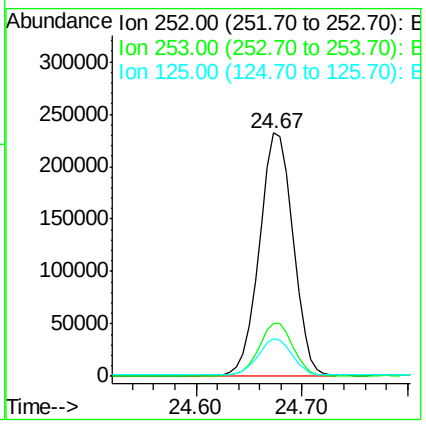


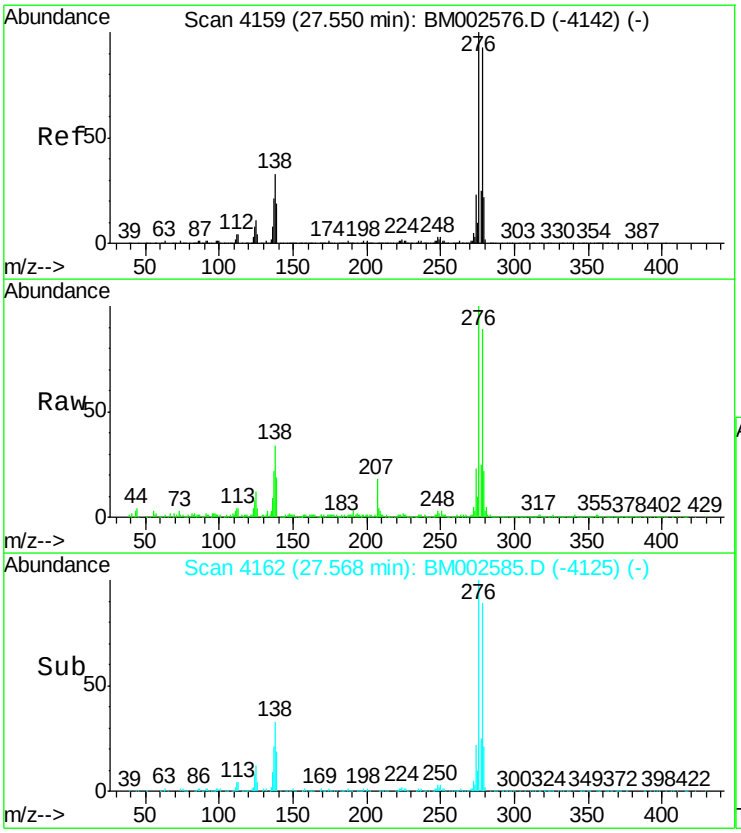
#26
Benzo(a)pyrene
Concen: 18.78 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.01 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:252 Resp: 511723

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	15.7	10.7	16.1

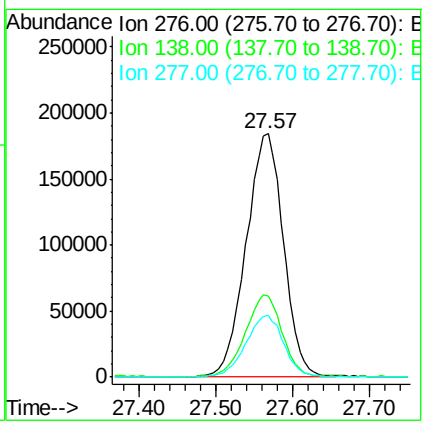


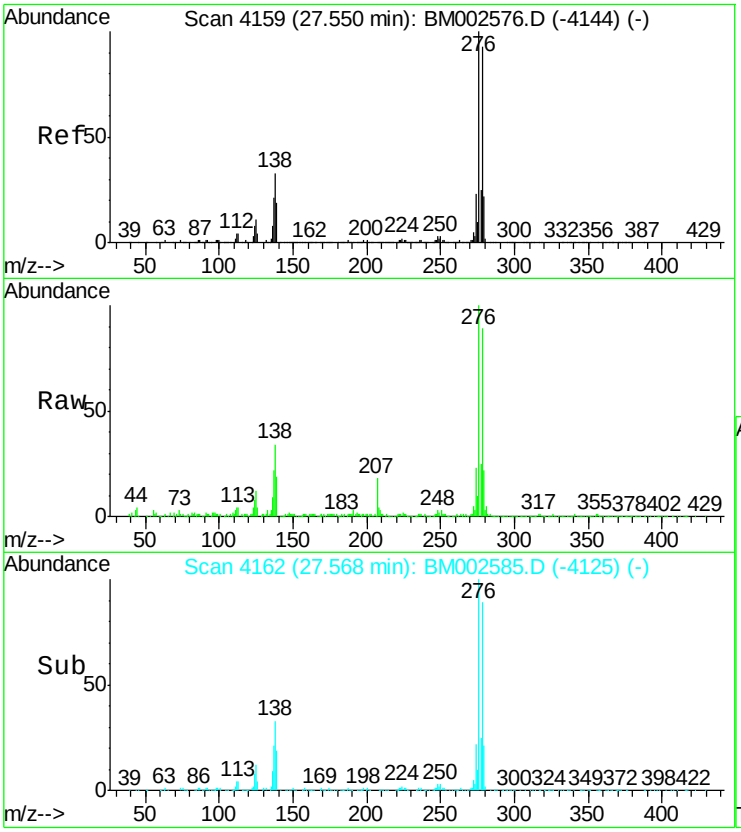


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.75 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. 0.02 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:276 Resp: 618928

Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.3	37.9
277	25.3	20.2	30.2



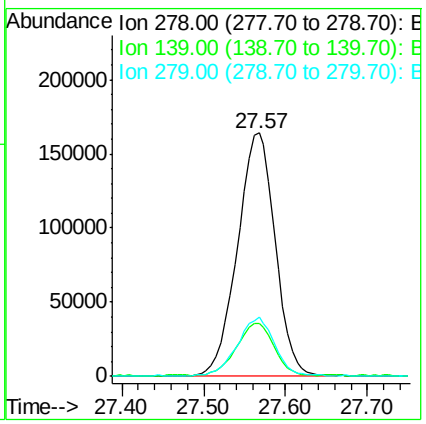


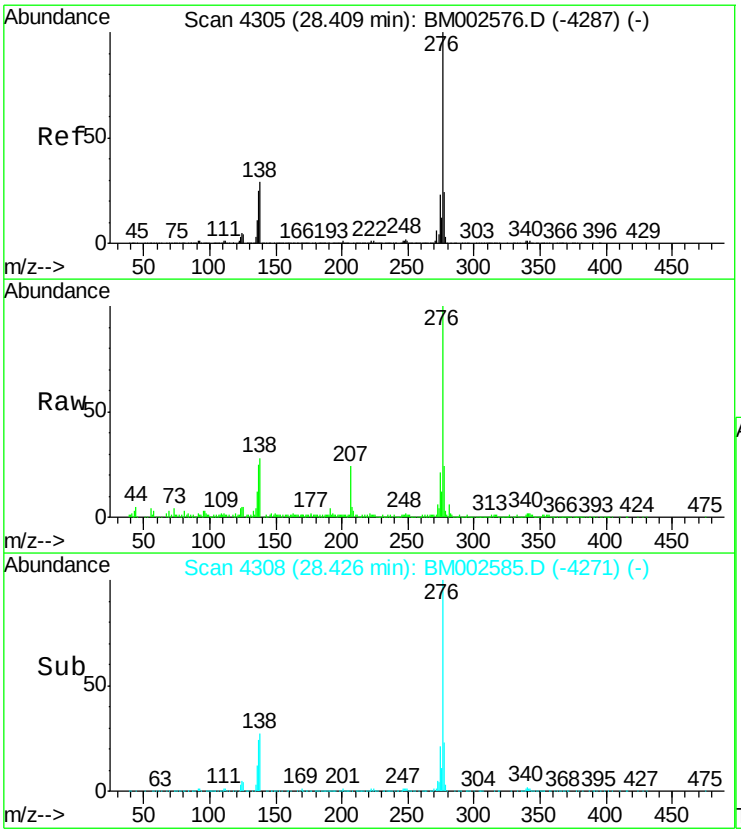
#28
Dibenzo(a,h)anthracene
Concen: 19.88 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. 0.02 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Tgt Ion:278 Resp: 520678

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.5	24.7
279	24.2	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 20.00 ng/ul
RT: 28.43 min Scan# 4308
Delta R.T. 0.02 min
Lab File: BM002585.D
Acq: 30 Aug 2015 03:35

Tgt Ion:276 Resp: 521748

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.0	31.6
277	23.8	19.2	28.8