Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
Data File : BM002587.D
Acq On : 31 Aug 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02065

Quant Time: Sep 01 01:37:18 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	163064	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	682853	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	298709	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	492152	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	454157	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	475052	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	579817	18.99	ng/ul	0.00
10) Fluorene-d10	16.34	176	364518	16.99	ng/ul	0.00
14) Anthracene-d10	18.18	188	443408	18.68	ng/ul	0.00
18) Pyrene-d10	20.40	212	406518	20.19	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	469726	18.82	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	11.70	128	655423	18.81	ng/ul	100
4) 2-Methylnaphthalene	13.25	142	442819	16.96	ng/ul	99
5) 1-Methylnaphthalene	13.46	142	428003	16.57	ng/ul	99
8) Acenaphthylene	15.10	152	605876	18.95	ng/ul	99
9) Acenaphthene	15.43	153	396954	18.85	ng/ul	99
11) Fluorene	16.40	166	415459	17.22	ng/ul	99
13) Phenanthrene	18.12	178	532852	18.75	ng/ul	100
15) Anthracene	18.22	178	537747	18.67	ng/ul	100
16) Fluoranthene	20.07	202	523526	16.27	ng/ul	97
19) Pyrene	20.43	202	540200	20.30	ng/ul	100
20) Benzo(a)anthracene	22.14	228	508984	18.74	ng/ul	100
21) Chrysene	22.20	228	477577	18.80	ng/ul	99
23) Benzo(b)fluoranthene	23.98	252	523651	18.23	ng/ul	99
24) Benzo(k)fluoranthene	24.03	252	511393	18.79	ng/ul	98
26) Benzo(a)pyrene	24.68	252	516873	18.84	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.56	276	620131	19.66	ng/ul	98
28) Dibenzo(a,h)anthracene	27.57	278	524581	19.89	ng/ul	99
29) Benzo(g,h,i)perylene	28.43	276	522813	19.91	ng/ul	98

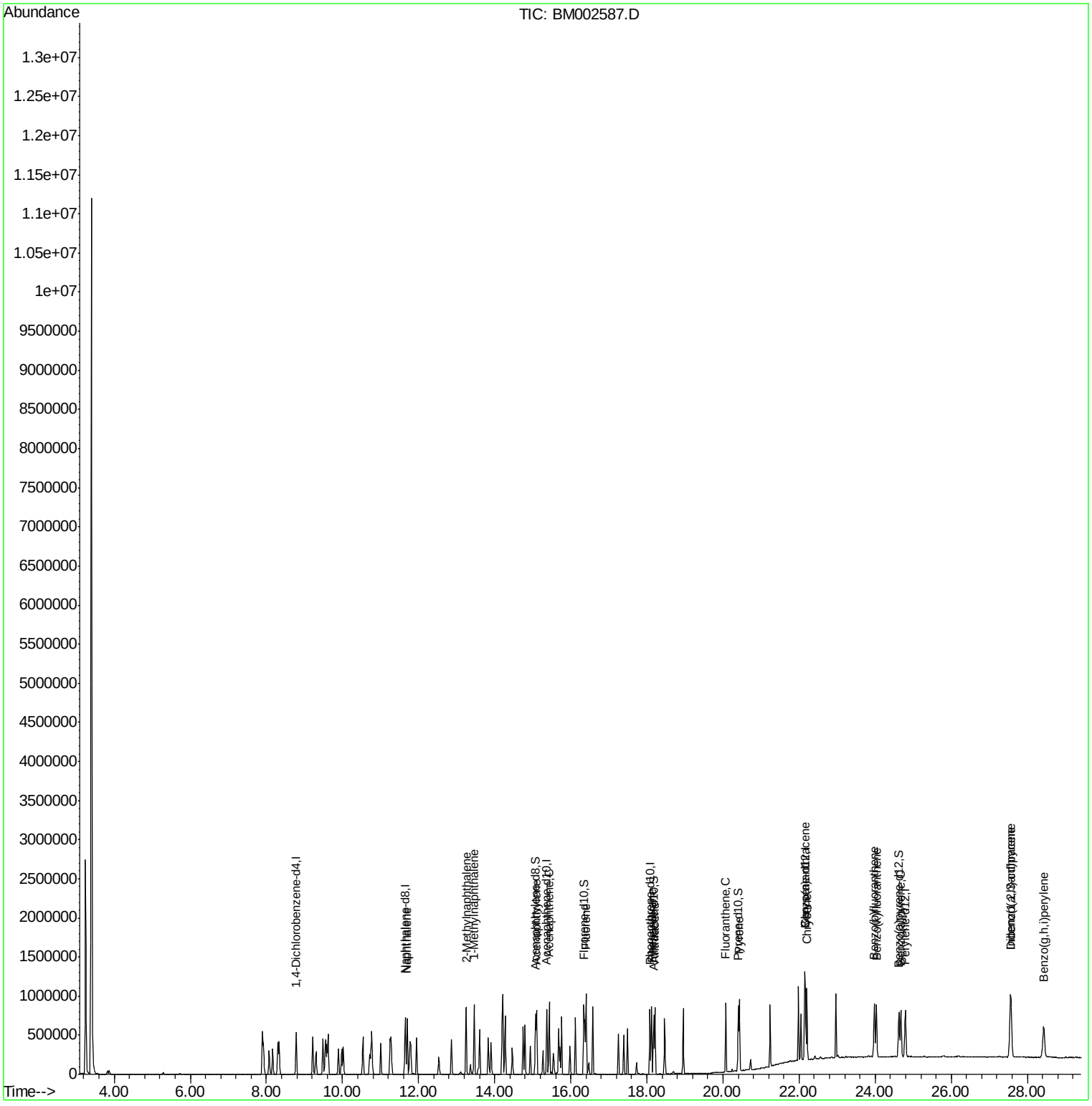
(#) = qualifier out of range (m) = manual integration (+) = signals summed

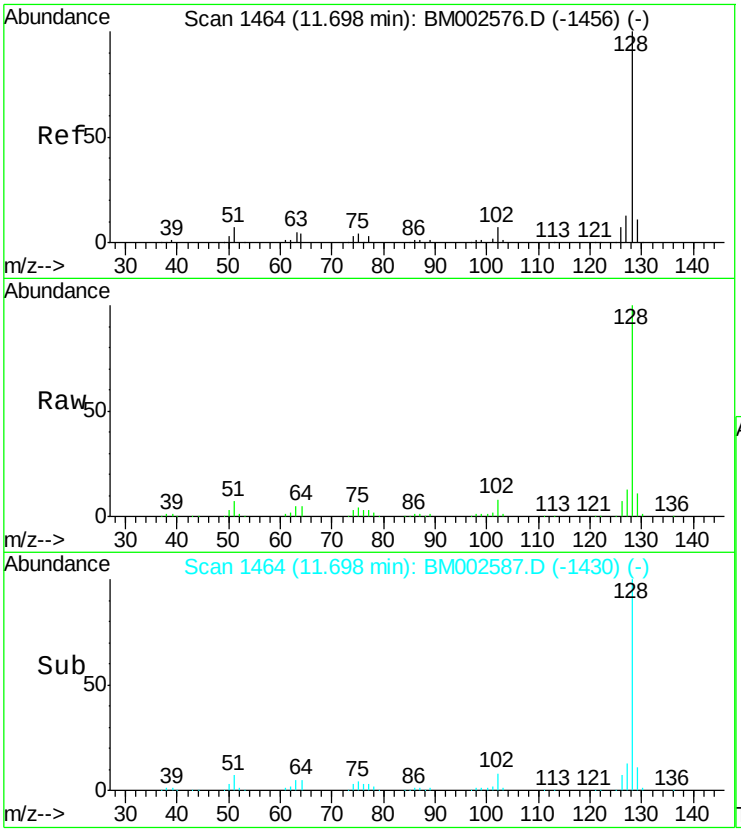
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
Data File : BM002587.D
Acq On : 31 Aug 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Quant Time: Sep 01 01:37:18 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



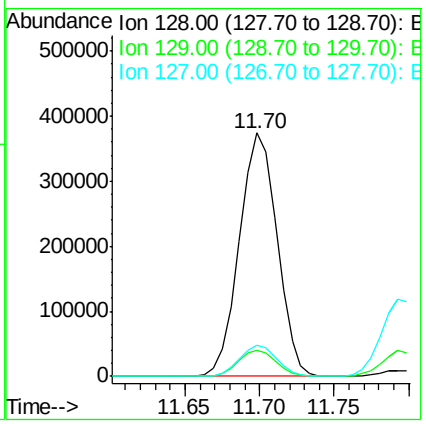


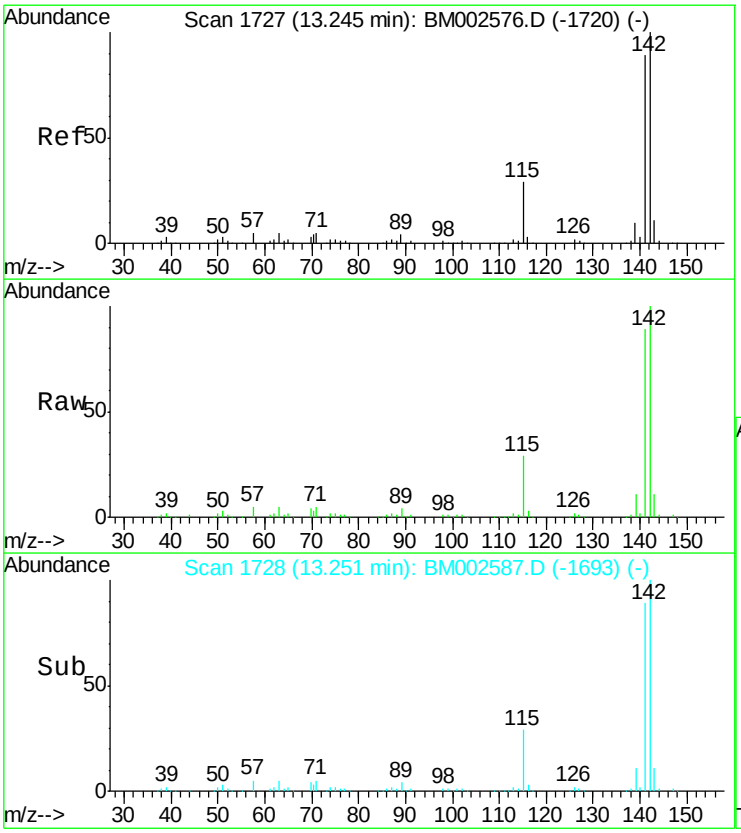
#3
Naphthalene
Concen: 18.81 ng/ul
RT: 11.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:128 Resp: 655423

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.9	10.4	15.6

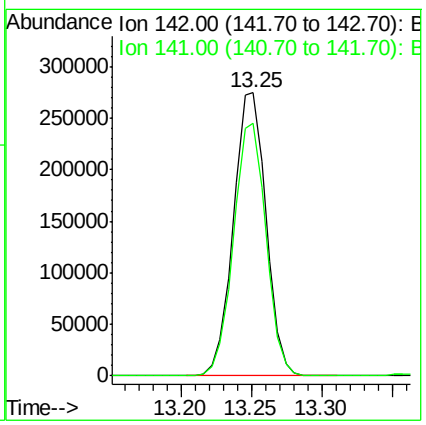


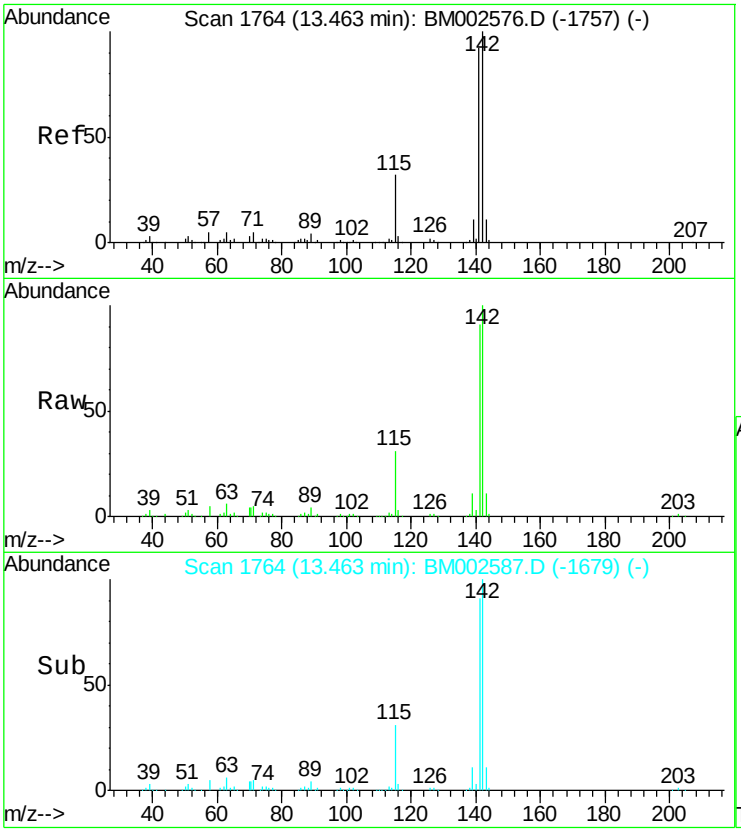


#4
2-Methylnaphthalene
Concen: 16.96 ng/ul
RT: 13.25 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:142 Resp: 442819

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2



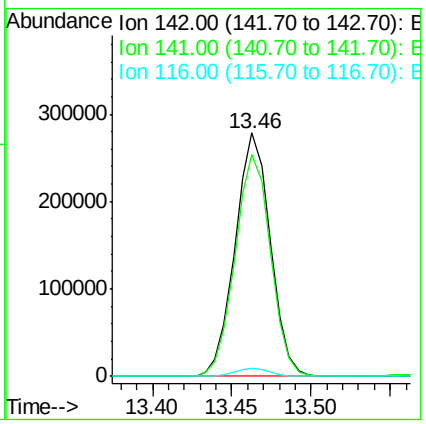


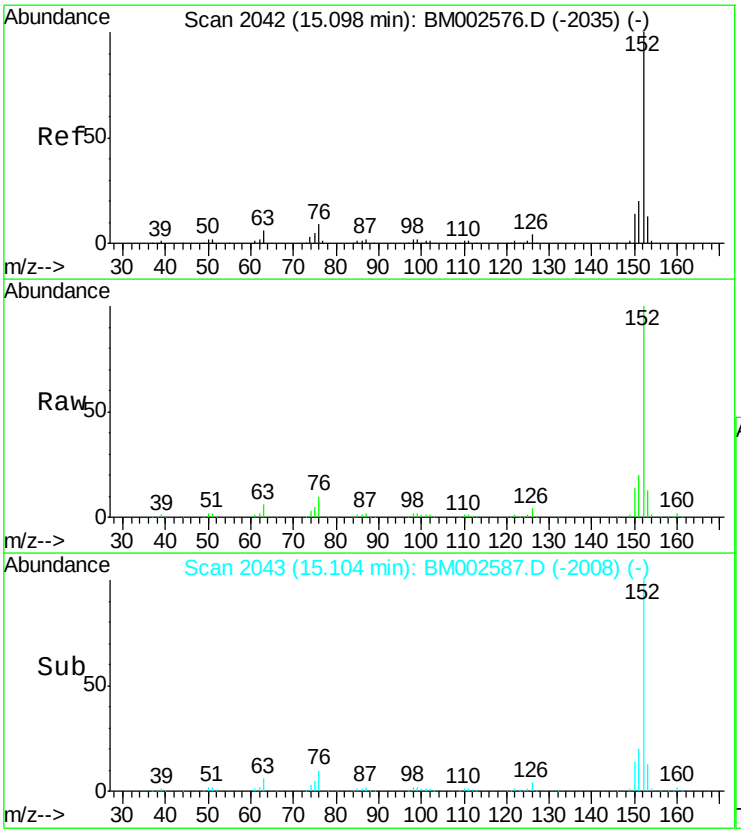
#5
1-Methylnaphthalene
Concen: 16.57 ng/ul
RT: 13.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:142 Resp: 428003

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.9	110.9
116	3.3	3.0	4.4

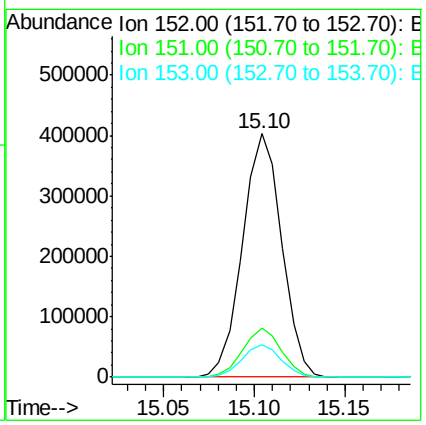


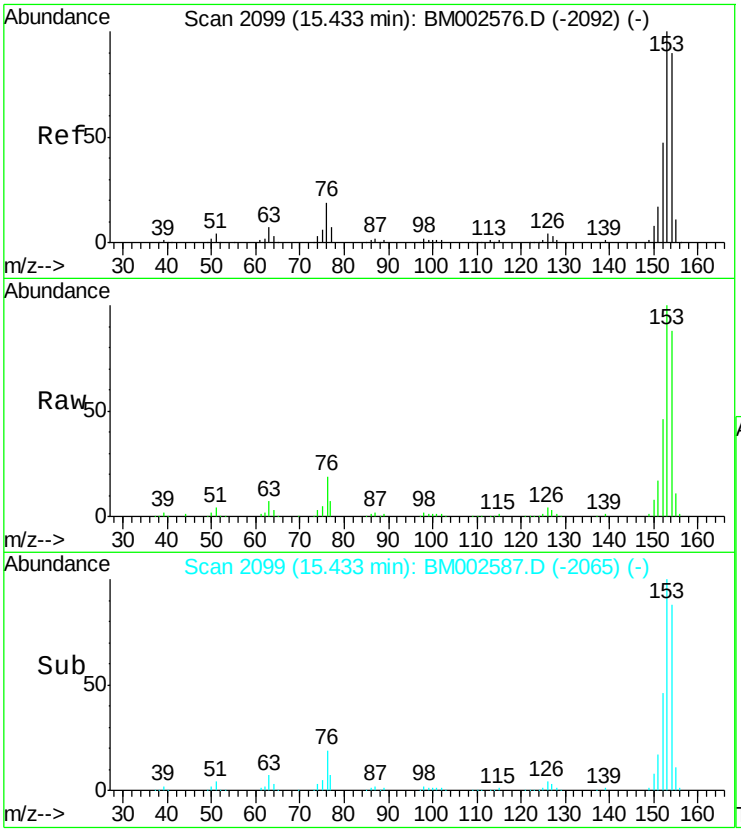


#8
Acenaphthylene
Concen: 18.95 ng/ul
RT: 15.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:152 Resp: 605876

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.2	15.4



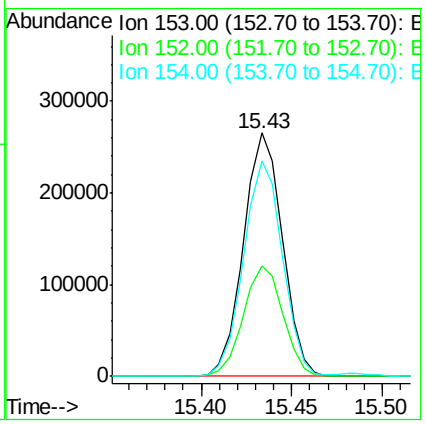


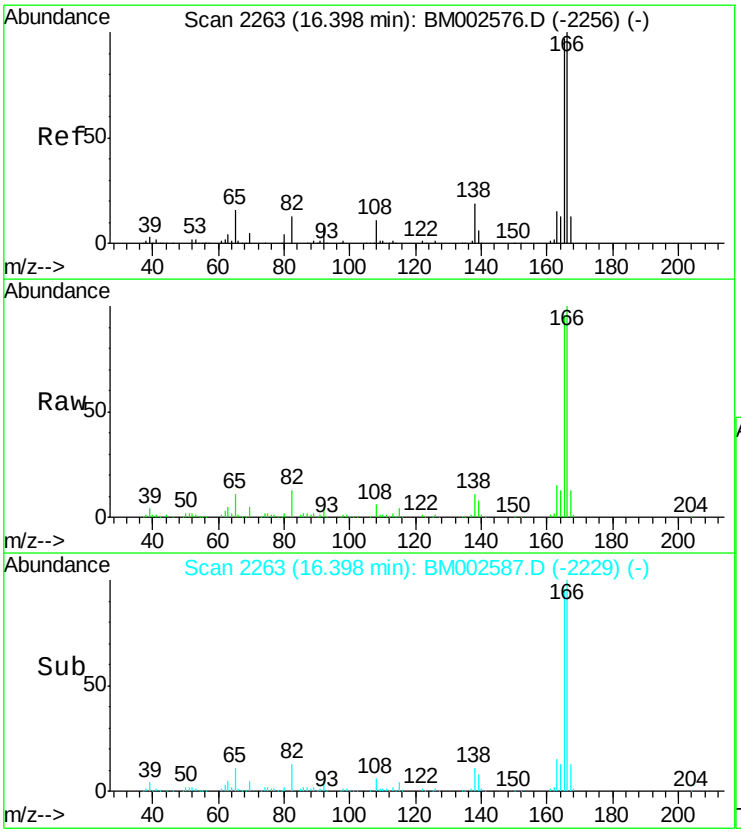
#9
Acenaphthene
Concen: 18.85 ng/ul
RT: 15.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:153 Resp: 396954

Ion	Ratio	Lower	Upper
153	100		
152	45.6	36.9	55.3
154	88.4	71.3	106.9

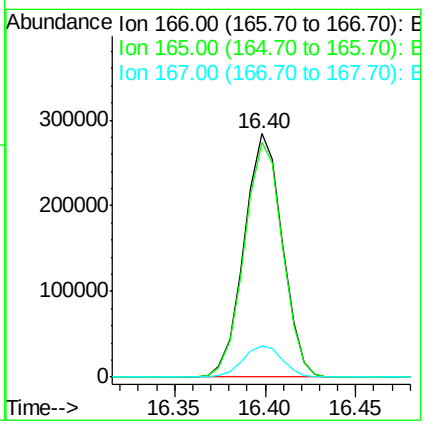


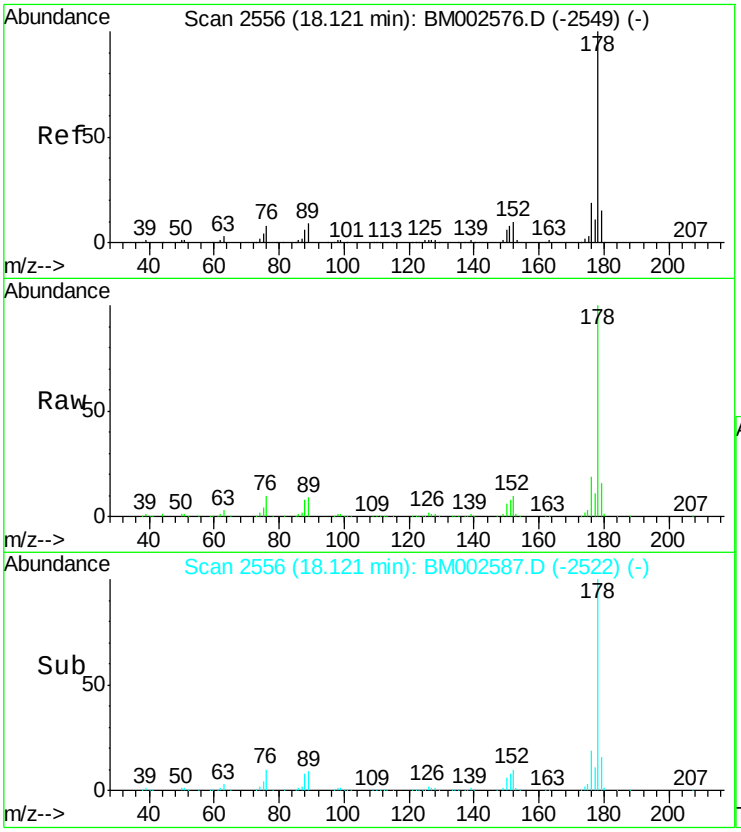


#11
Fluorene
Concen: 17.22 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:166 Resp: 415459

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.6	116.4
167	13.0	10.7	16.1



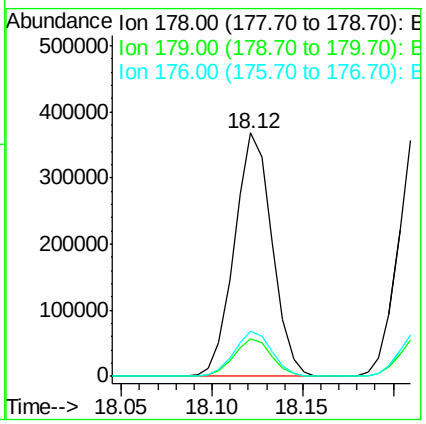


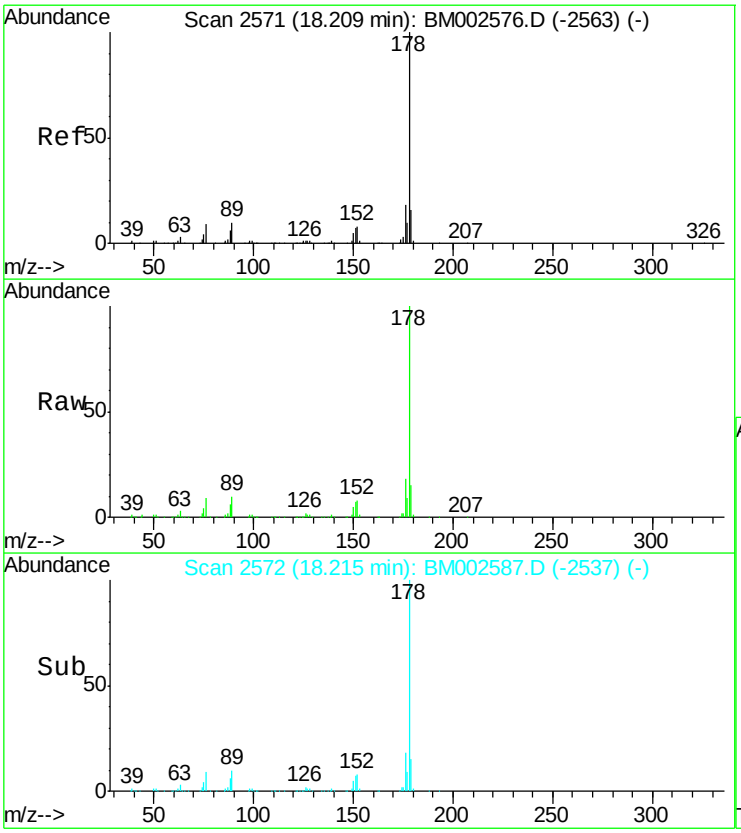
#13
Phenanthrene
Concen: 18.75 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:178 Resp: 532852

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.7	15.1	22.7

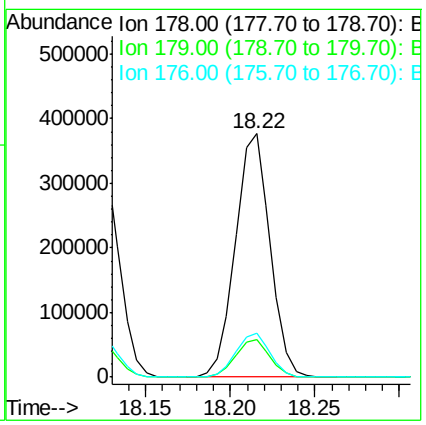


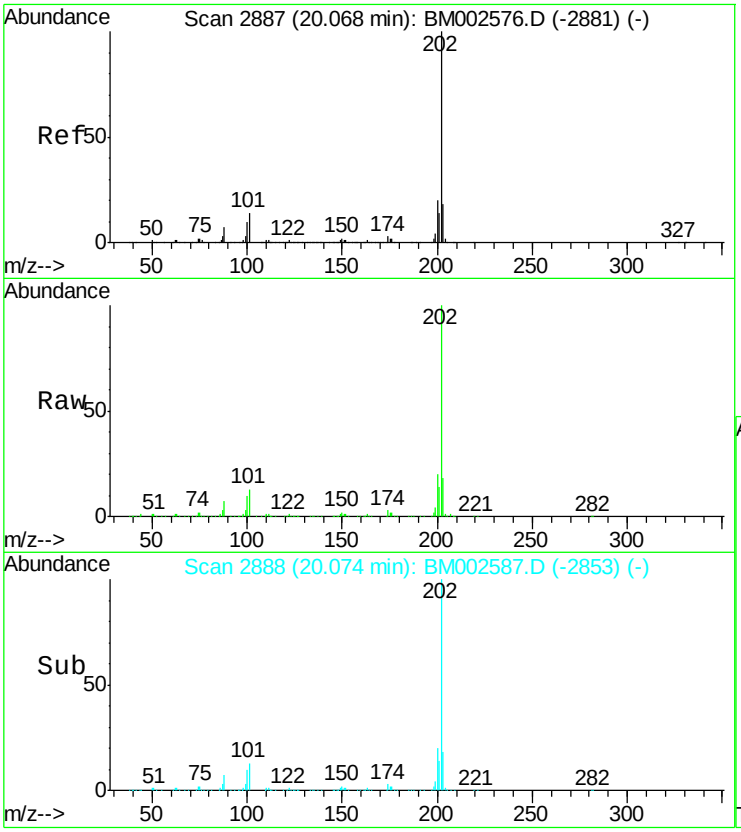


#15
Anthracene
Concen: 18.67 ng/ul
RT: 18.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:178 Resp: 537747

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	18.2	14.5	21.7



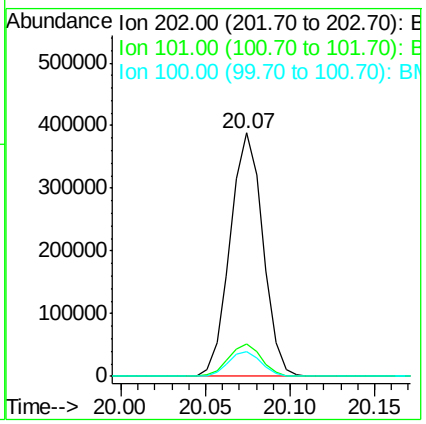


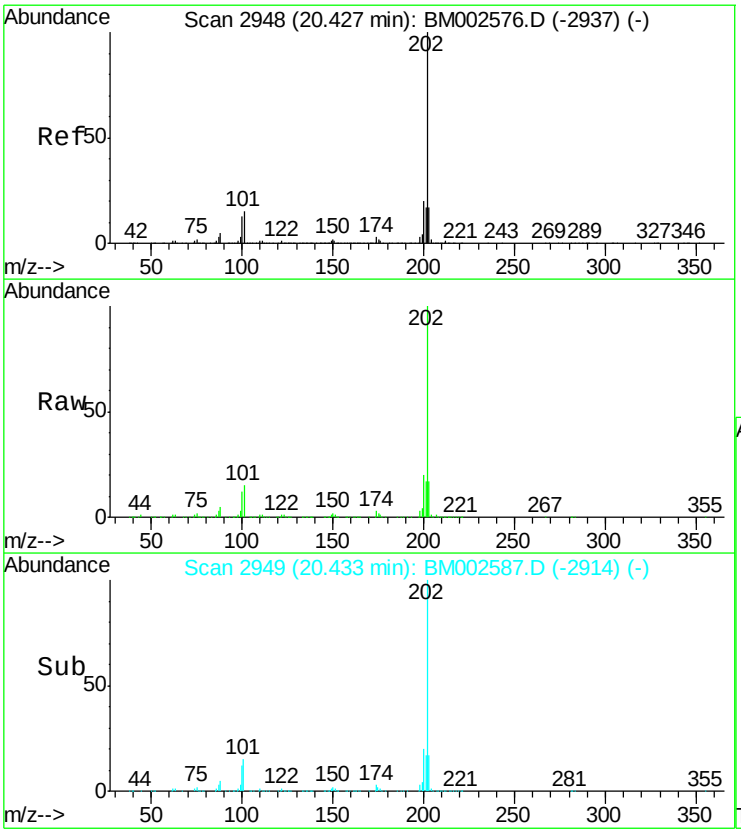
#16
Fluoranthene
Concen: 16.27 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:202 Resp: 523526

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.7	14.5
100	10.3	7.4	11.2

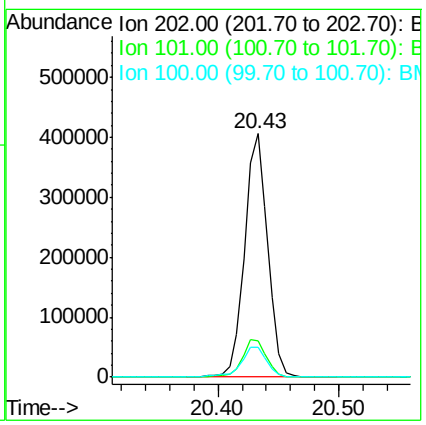


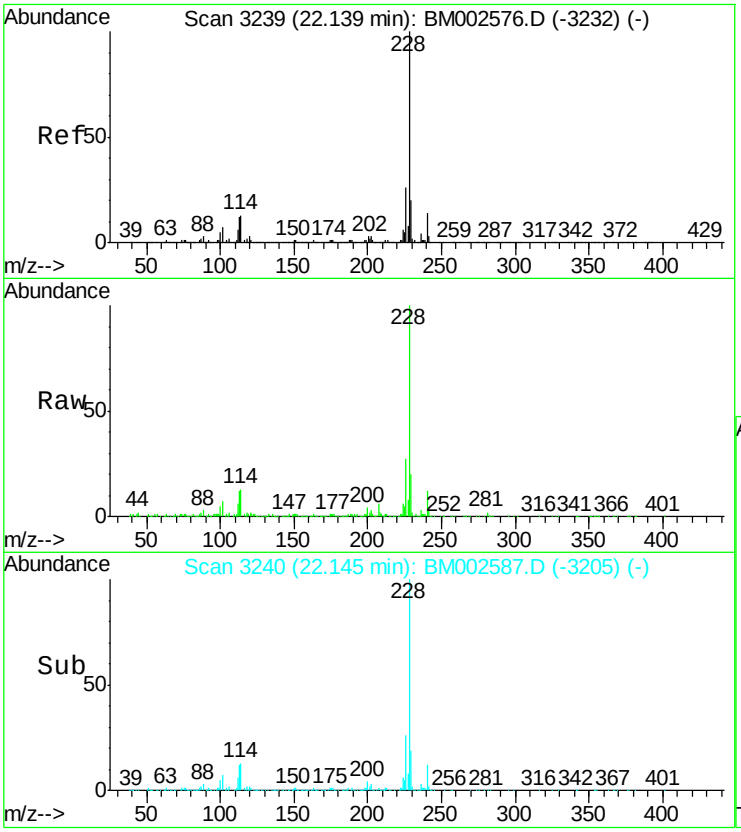


#19
Pyrene
Concen: 20.30 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:202 Resp: 540200

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.0	18.0
100	12.1	9.7	14.5



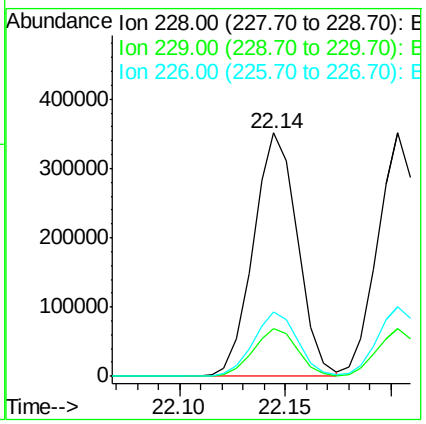


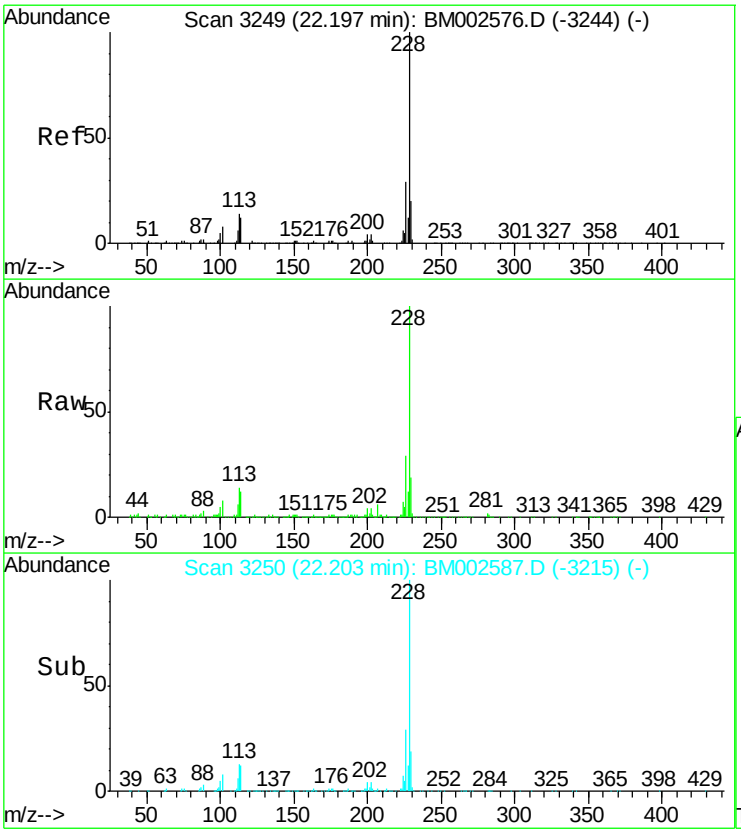
#20
Benzo(a)anthracene
Concen: 18.74 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:228 Resp: 508984

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	26.5	21.1	31.7

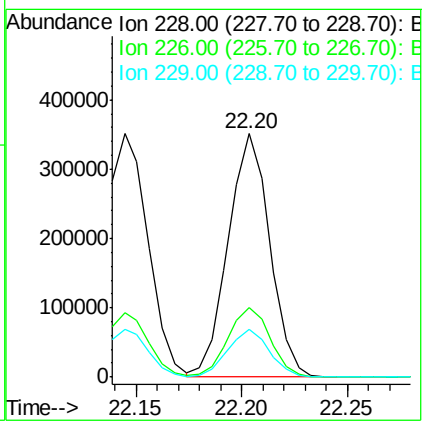


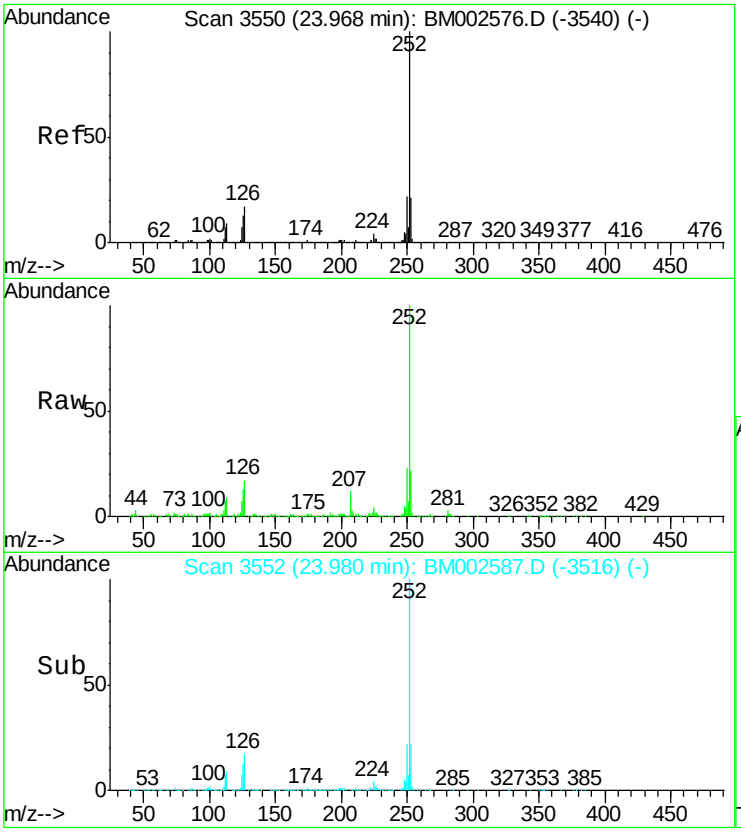


#21
Chrysene
Concen: 18.80 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:228 Resp: 477577

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.5	15.7	23.5



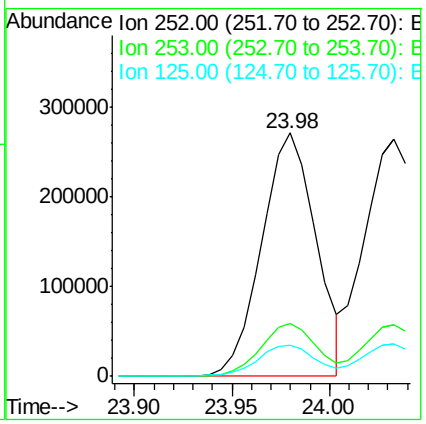


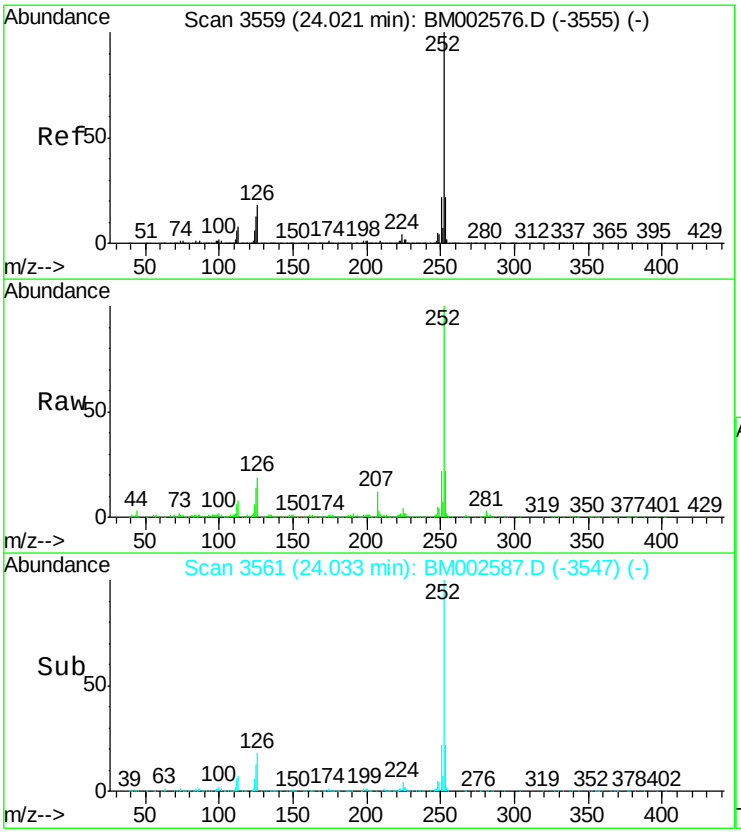
#23
Benzo(b)fluoranthene
Concen: 18.23 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:252 Resp: 523651

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.9	10.0	15.0

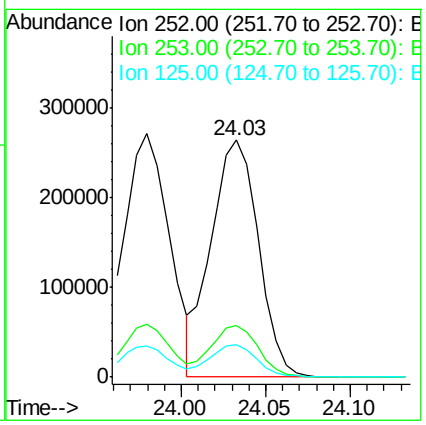


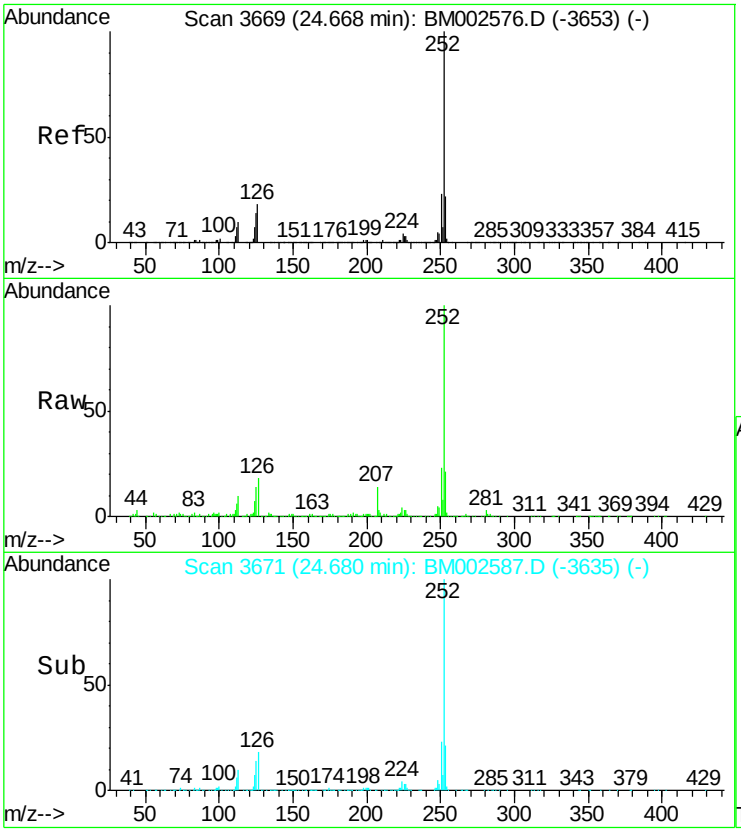


#24
Benzo(k)fluoranthene
Concen: 18.79 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:252 Resp: 511393

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.8	9.8	14.8



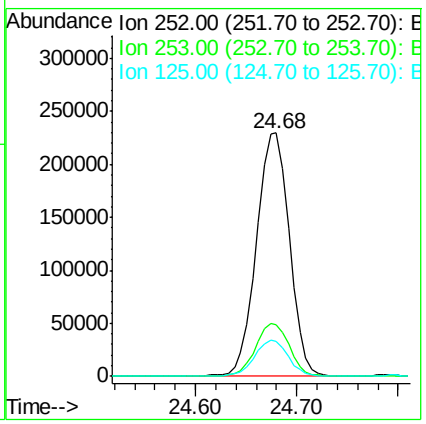


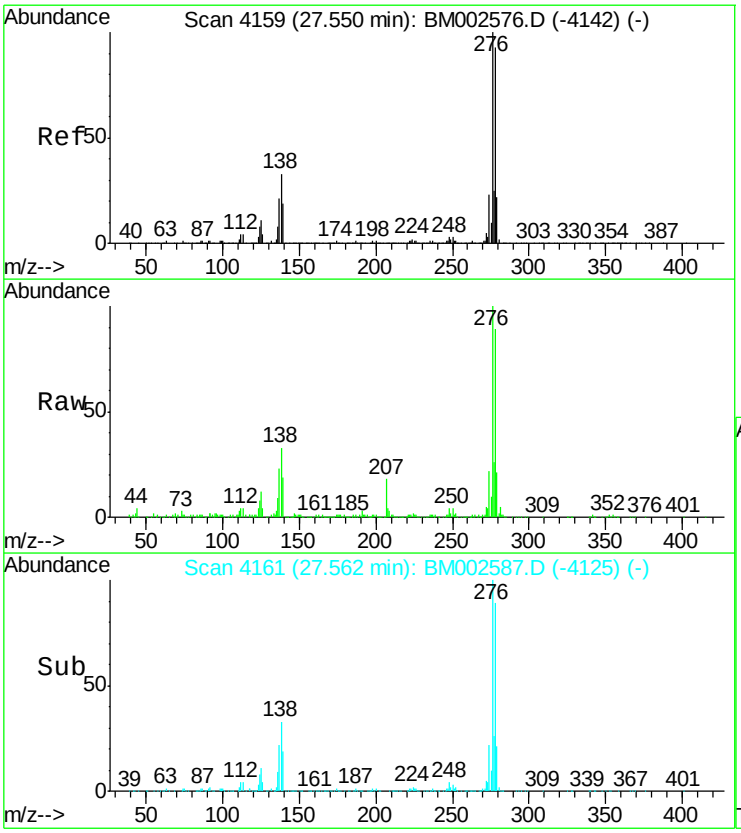
#26
Benzo(a)pyrene
Concen: 18.84 ng/ul
RT: 24.68 min Scan# 3671
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:252 Resp: 516873

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	14.3	10.7	16.1

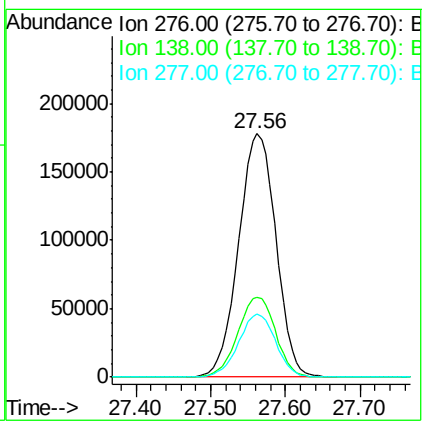


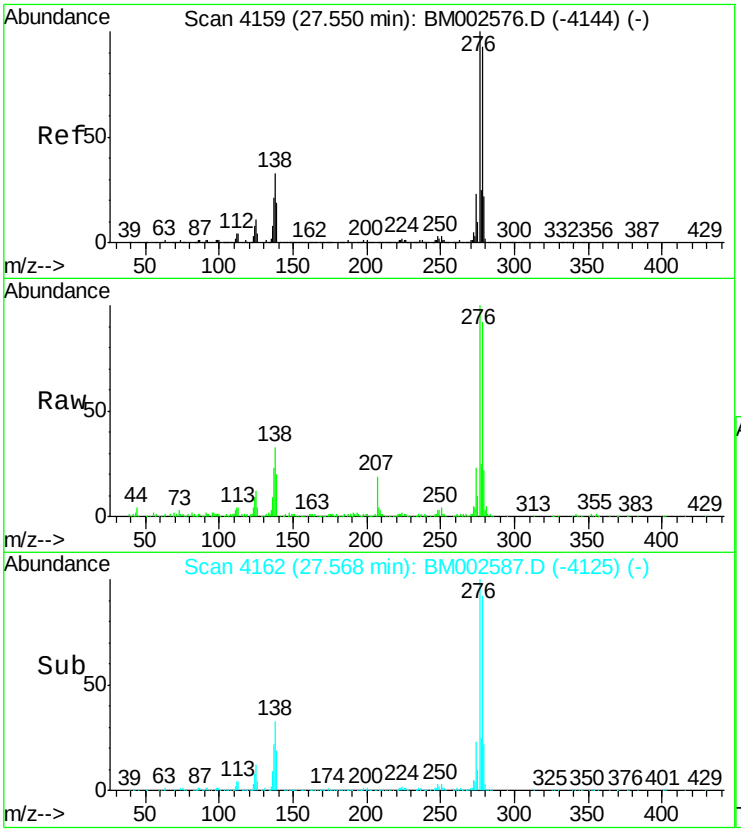


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.66 ng/ul
RT: 27.56 min Scan# 4161
Delta R.T. 0.01 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:276 Resp: 620131

Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.3	37.9
277	25.7	20.2	30.2



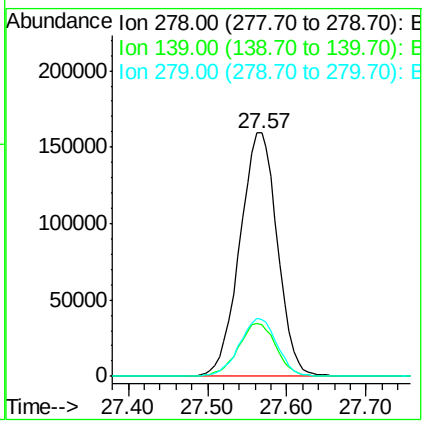


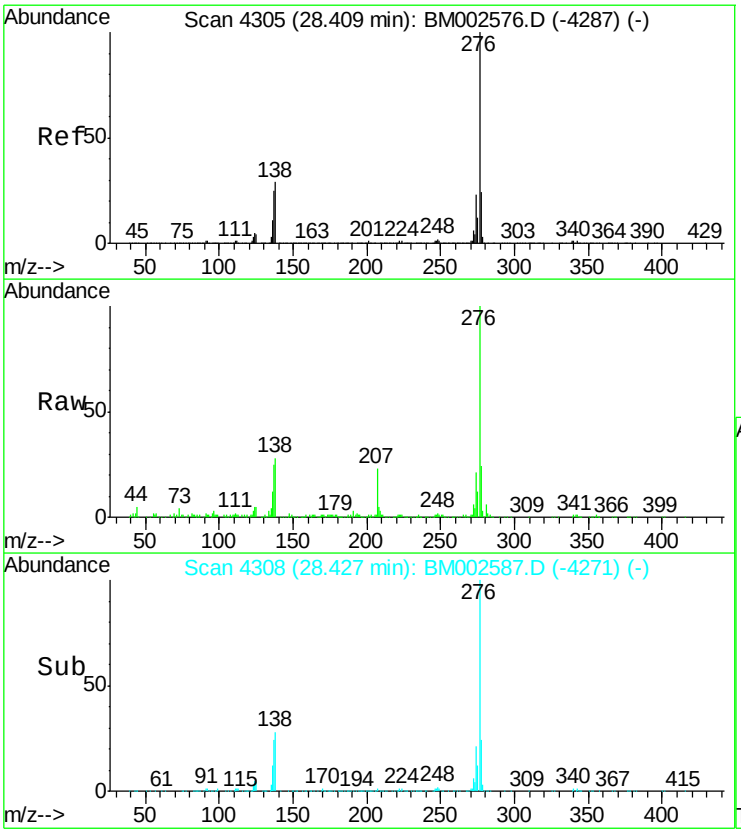
#28
Dibenzo(a,h)anthracene
Concen: 19.89 ng/ul
RT: 27.57 min Scan# 4162
Delta R.T. 0.02 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Tgt Ion:278 Resp: 524581

Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.5	24.7
279	23.5	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 19.91 ng/ul
RT: 28.43 min Scan# 4308
Delta R.T. 0.02 min
Lab File: BM002587.D
Acq: 31 Aug 2015 11:32

Tgt Ion:276 Resp: 522813

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.0	31.6
277	24.4	19.2	28.8