Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082115\
Data File : BM002519.D
Acq On : 21 Aug 2015 11:50
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02051

Quant Time: Aug 21 22:56:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 22:55:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	107535	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	524216	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	302110	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.12	188	663453	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	720691	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	745996	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	617207	19.98	ng/ul	0.00
10) Fluorene-d10	16.37	176	427146	19.69	ng/ul	0.00
14) Anthracene-d10	18.21	188	632930	19.78	ng/ul	0.00
18) Pyrene-d10	20.43	212	661588	20.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	770791	19.67	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.74	128	529868	19.81	ng/ul	100
4) 2-Methylnaphthalene	13.28	142	393585	19.64	ng/ul	97
5) 1-Methylnaphthalene	13.50	142	390472	19.70	ng/ul	99
8) Acenaphthylene	15.14	152	643920	19.92	ng/ul	100
9) Acenaphthene	15.47	153	420801	19.76	ng/ul	99
11) Fluorene	16.43	166	486027	19.92	ng/ul	100
13) Phenanthrene	18.16	178	756254	19.74	ng/ul	100
15) Anthracene	18.24	178	770025	19.83	ng/ul	99
16) Fluoranthene	20.10	202	841766	19.41	ng/ul	97
19) Pyrene	20.46	202	878367	20.80	ng/ul	100
20) Benzo(a)anthracene	22.18	228	848979	19.70	ng/ul	100
21) Chrysene	22.24	228	801505	19.88	ng/ul	100
23) Benzo(b)fluoranthene	24.03	252	903140	20.03	ng/ul	99
24) Benzo(k)fluoranthene	24.08	252	821683	19.23	ng/ul	99
26) Benzo(a)pyrene	24.73	252	847230	19.67	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.64	276	978332	19.75	ng/ul	98
28) Dibenzo(a,h)anthracene	27.64	278	823569	19.89	ng/ul	100
29) Benzo(g,h,i)perylene	28.51	276	816619	19.80	ng/ul	99

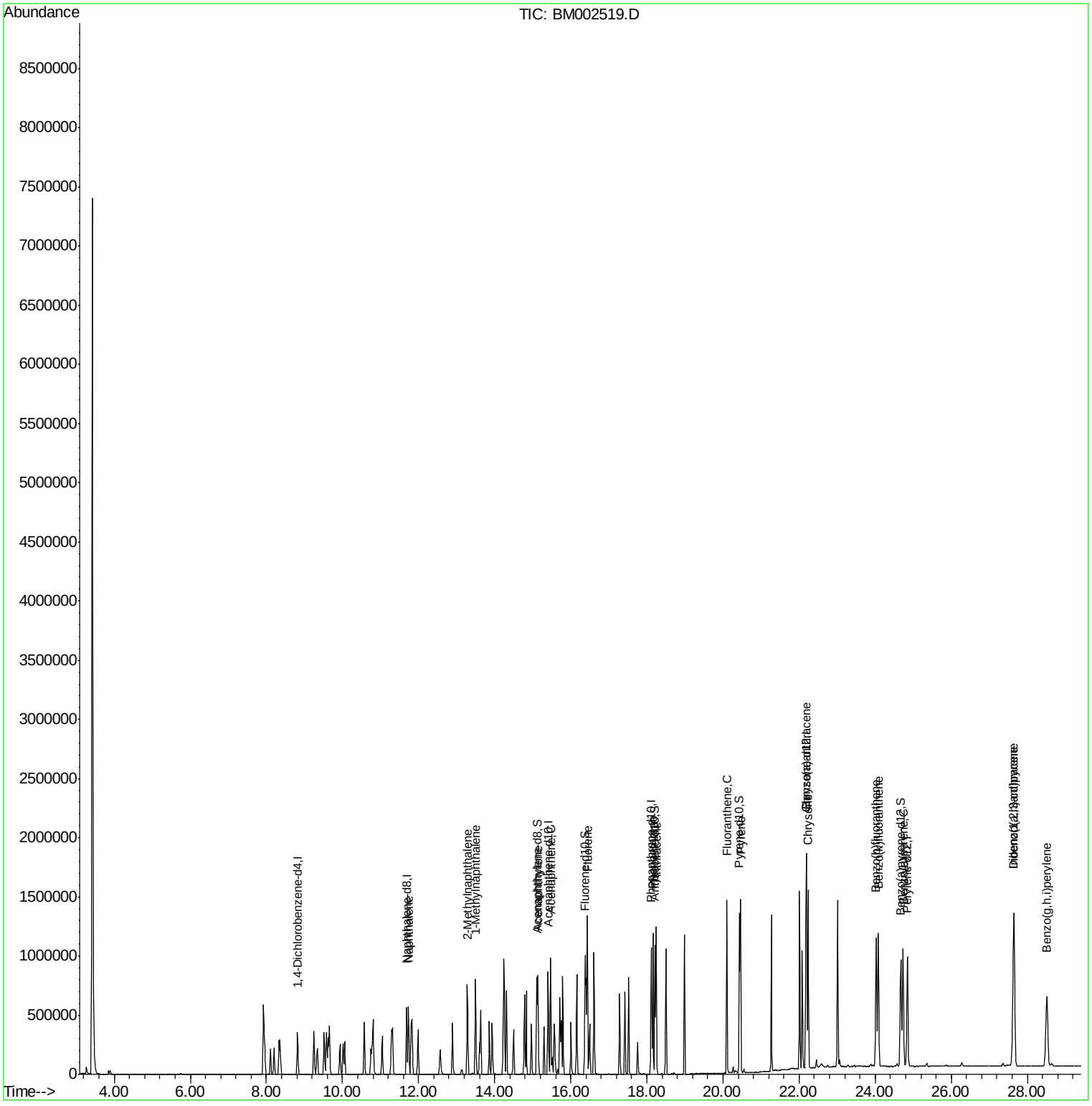
(#) = qualifier out of range (m) = manual integration (+) = signals summed

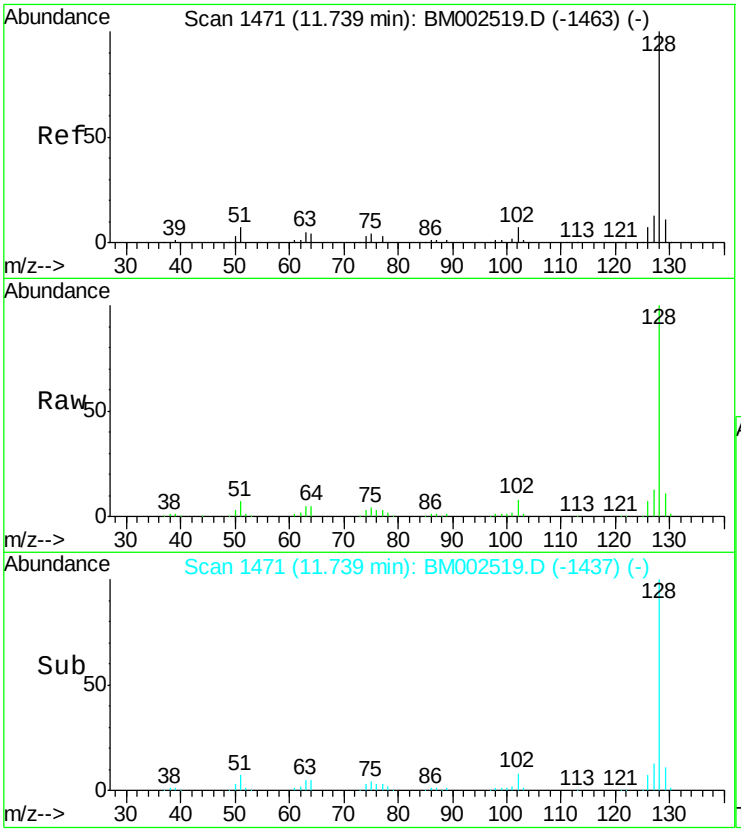
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082115\
Data File : BM002519.D
Acq On : 21 Aug 2015 11:50
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Quant Time: Aug 21 22:56:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 22:55:48 2015
Response via : Initial Calibration



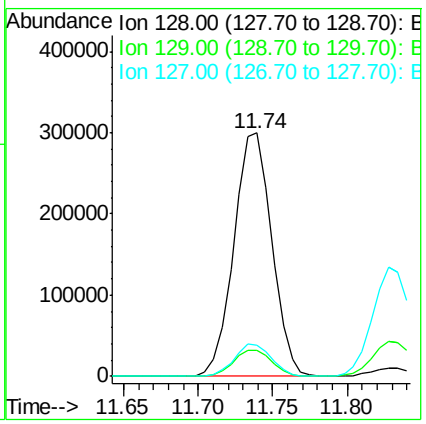


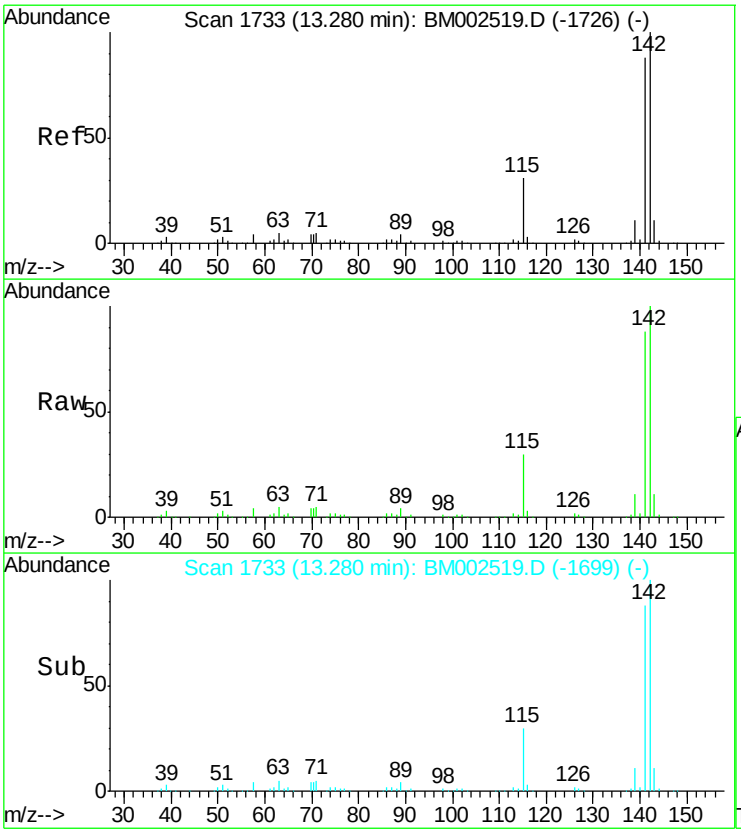
#3
Naphthalene
Concen: 19.81 ng/ul
RT: 11.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:128 Resp: 529868

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.7	10.4	15.6

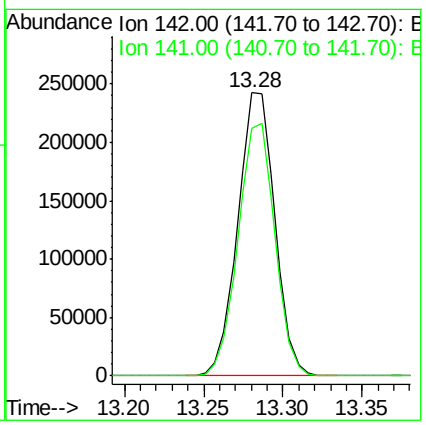


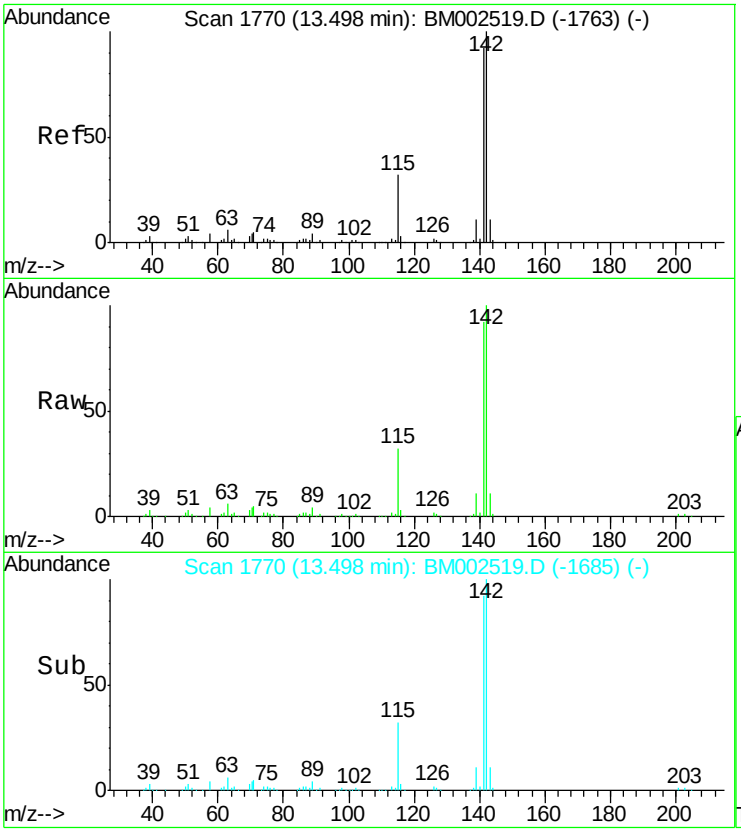


#4
2-Methylnaphthalene
Concen: 19.64 ng/ul
RT: 13.28 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:142 Resp: 393585

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.2	108.2



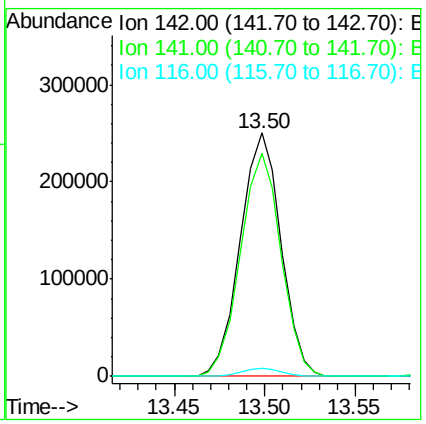


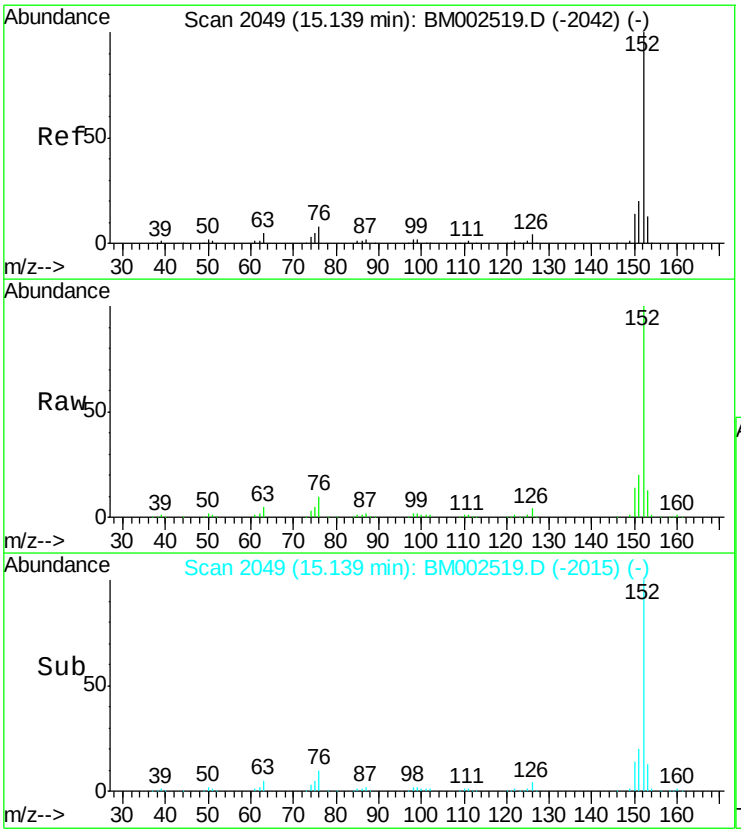
#5
1-Methylnaphthalene
Concen: 19.70 ng/ul
RT: 13.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:142 Resp: 390472

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9
116	3.3	3.0	4.4

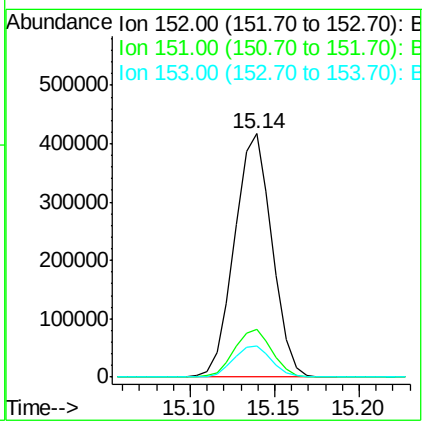


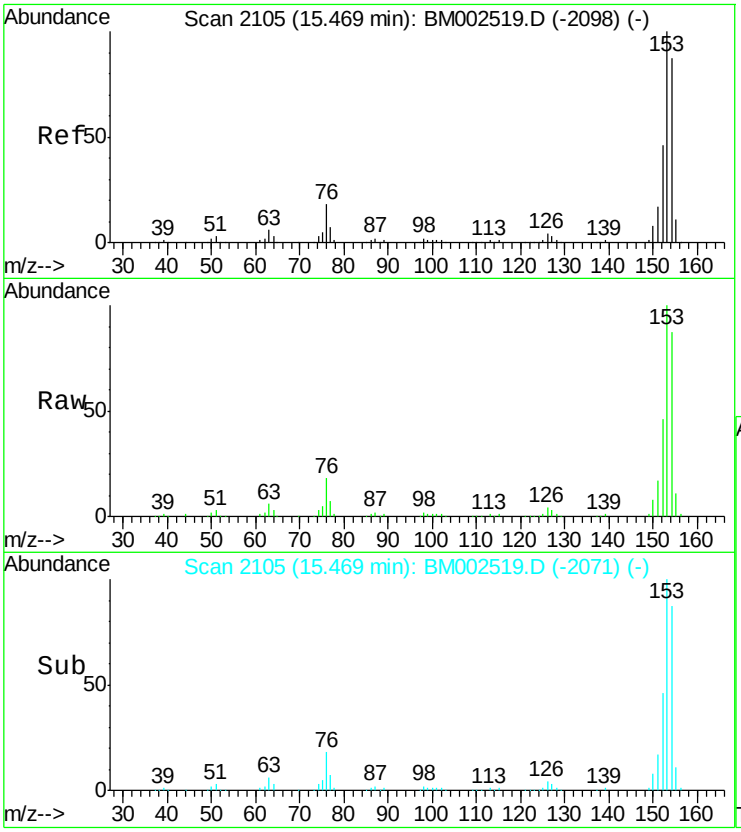


#8
Acenaphthylene
Concen: 19.92 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:152 Resp: 643920

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.2	15.4



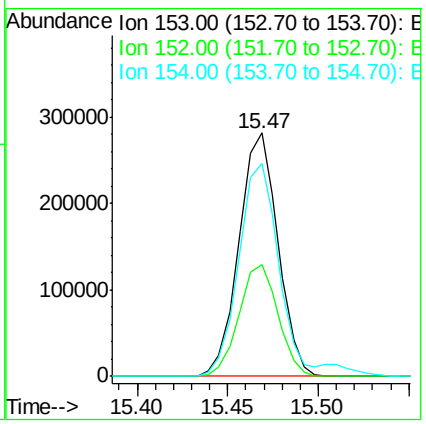


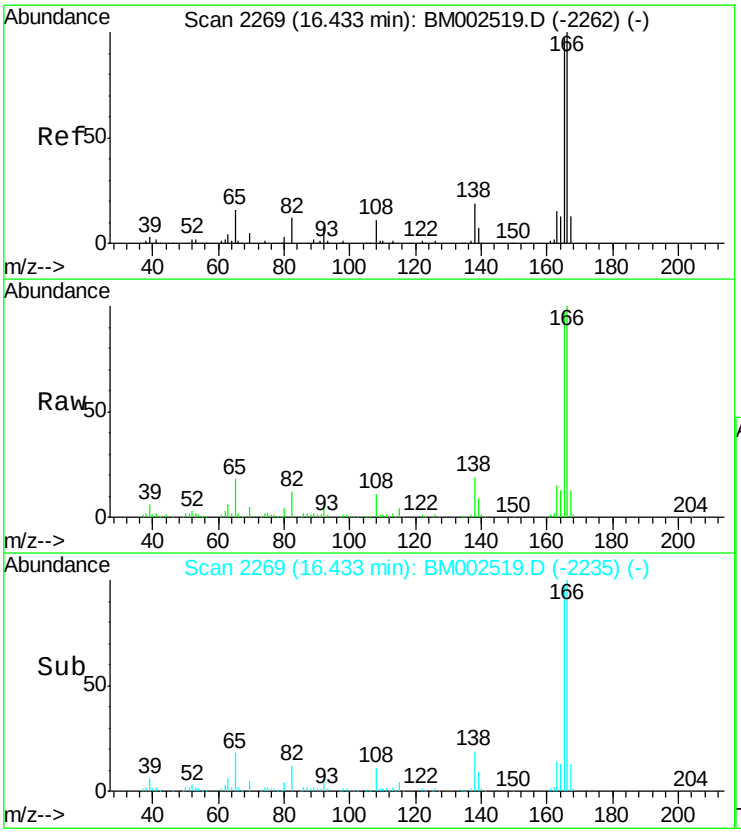
#9
Acenaphthene
Concen: 19.76 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:153 Resp: 420801

Ion	Ratio	Lower	Upper
153	100		
152	45.7	36.9	55.3
154	87.4	71.3	106.9

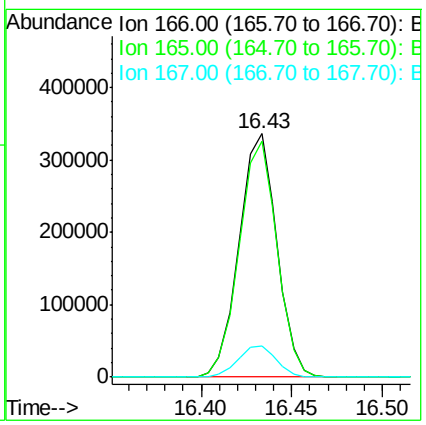


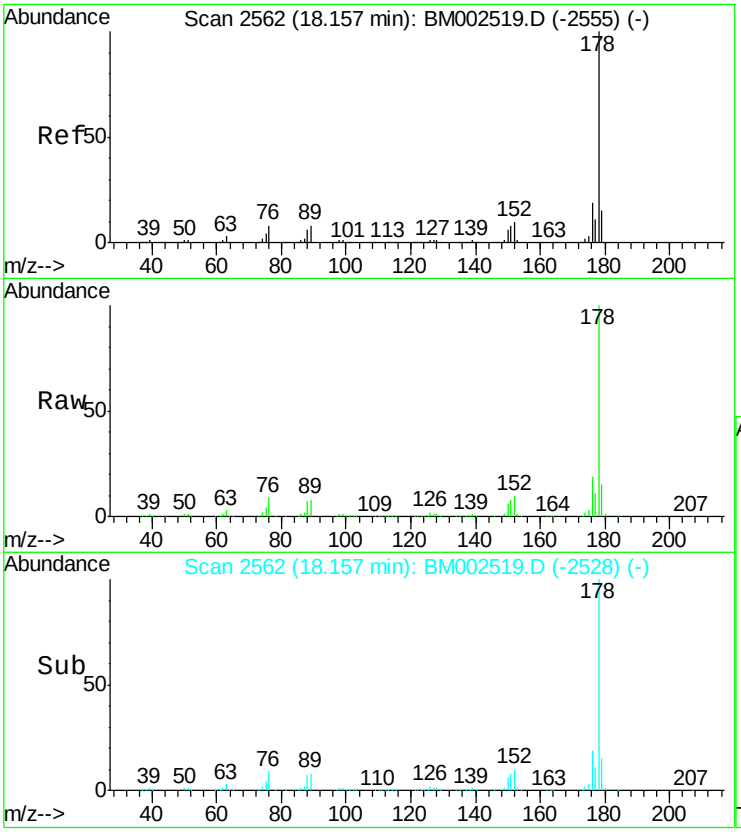


#11
Fluorene
Concen: 19.92 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:166 Resp: 486027

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.6	116.4
167	13.1	10.7	16.1



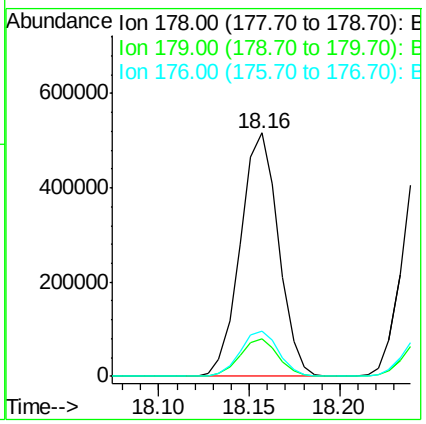


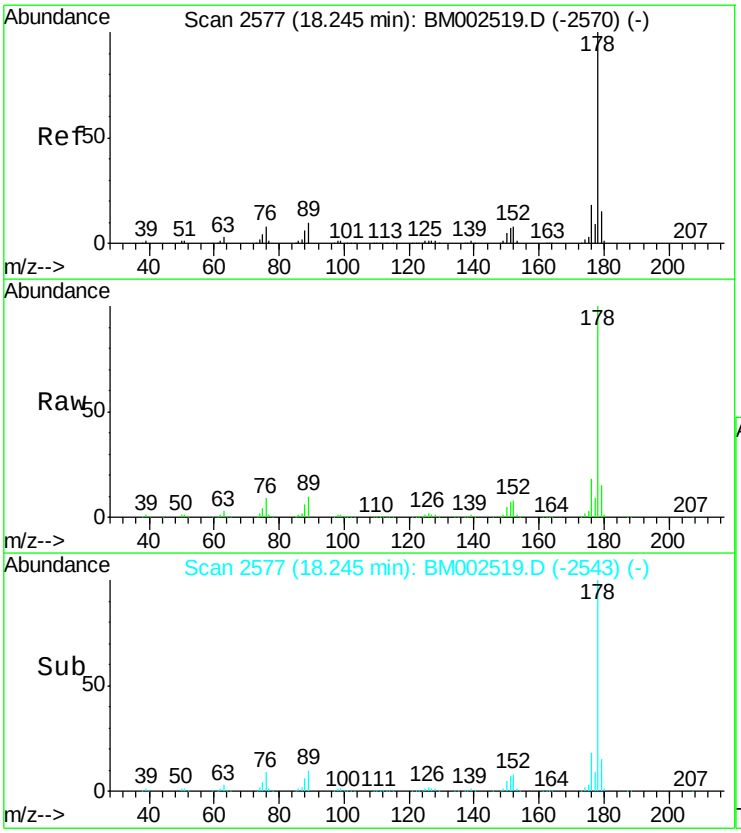
#13
Phenanthrene
Concen: 19.74 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:178 Resp: 756254

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.6	15.1	22.7

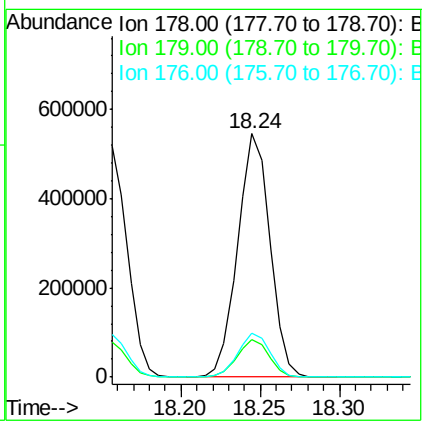


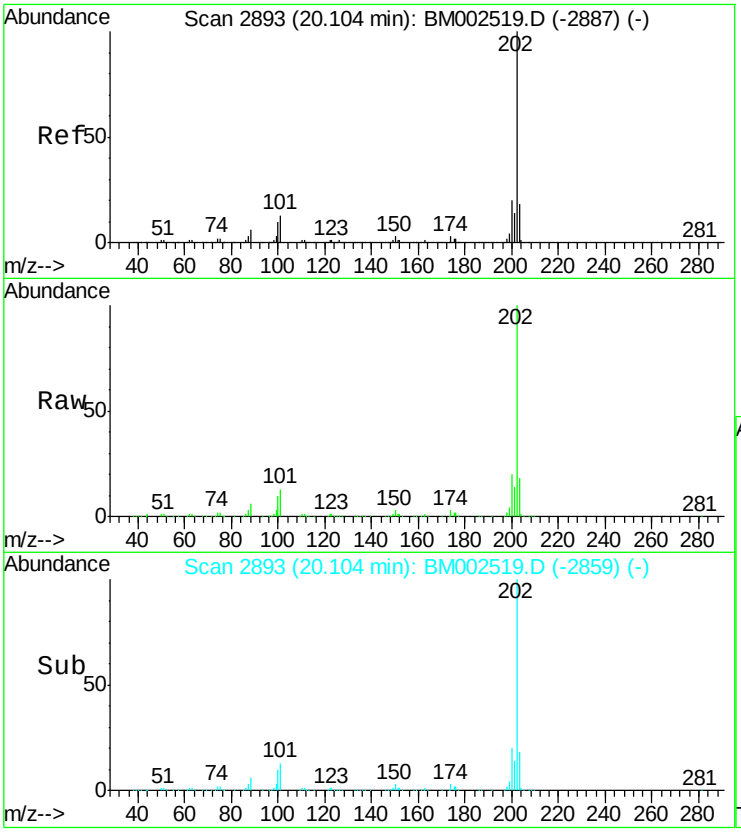


#15
Anthracene
Concen: 19.83 ng/ul
RT: 18.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:178 Resp: 770025

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	18.0	14.5	21.7



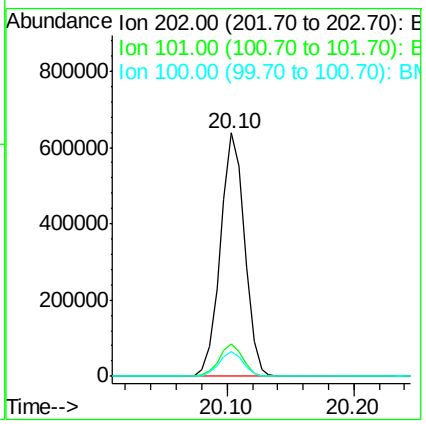


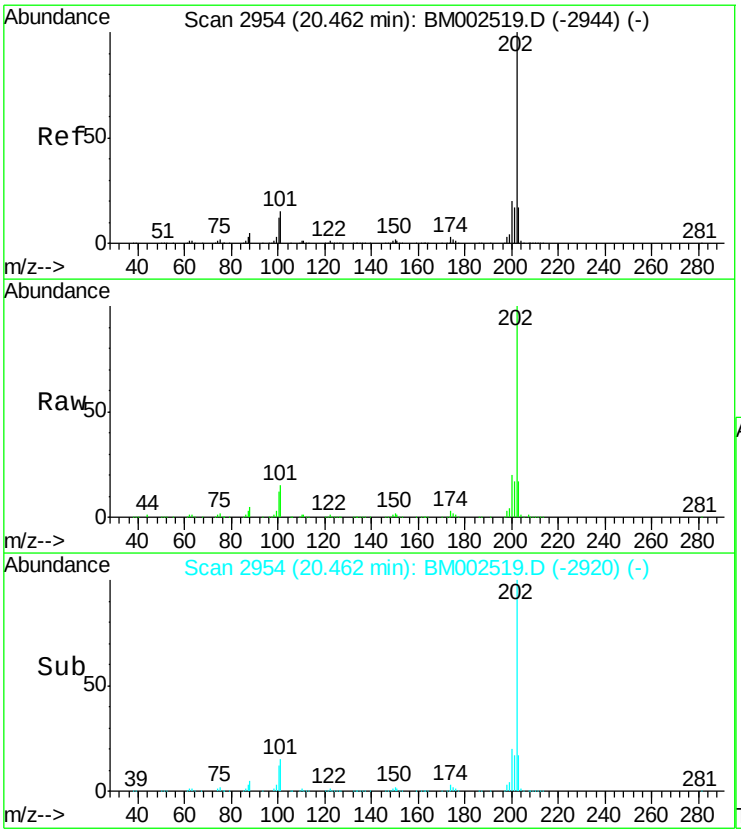
#16
Fluoranthene
Concen: 19.41 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:202 Resp: 841766

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

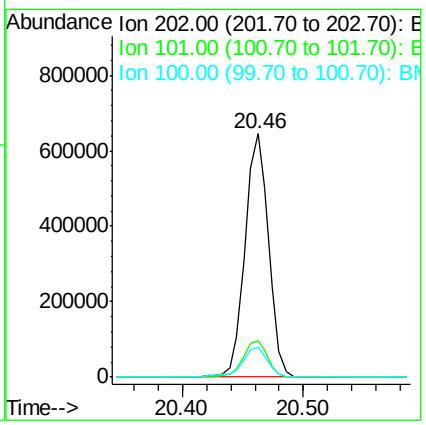


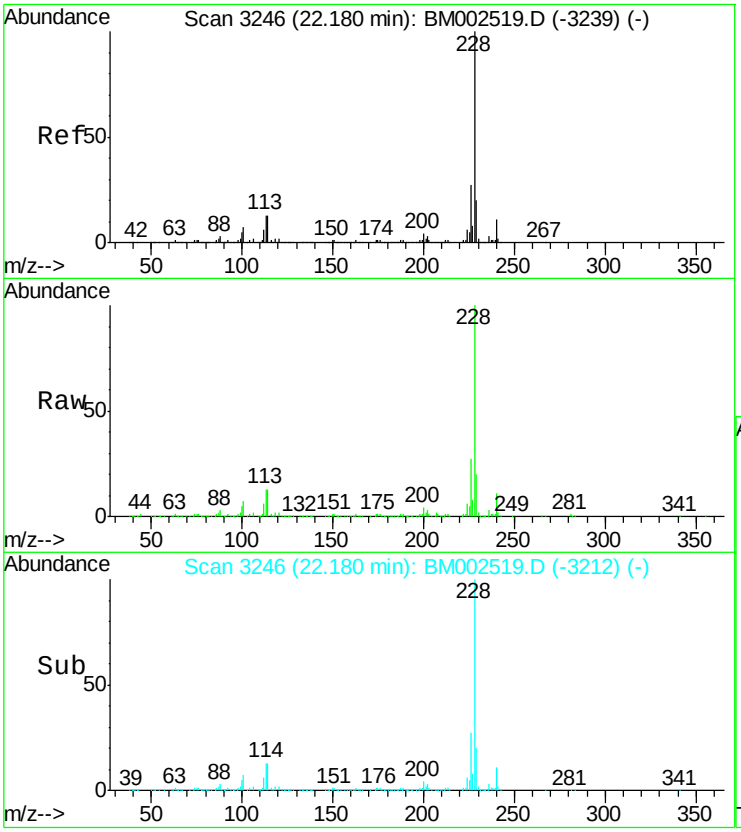


#19
Pyrene
Concen: 20.80 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:202 Resp: 878367

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.0	18.0
100	12.3	9.7	14.5



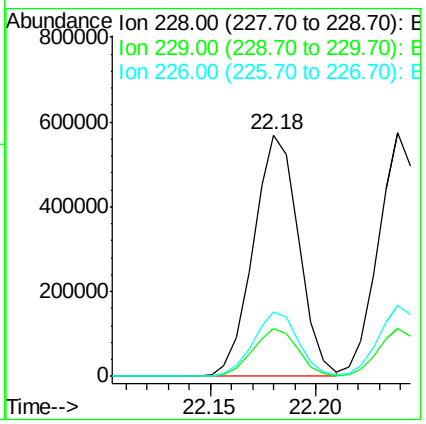


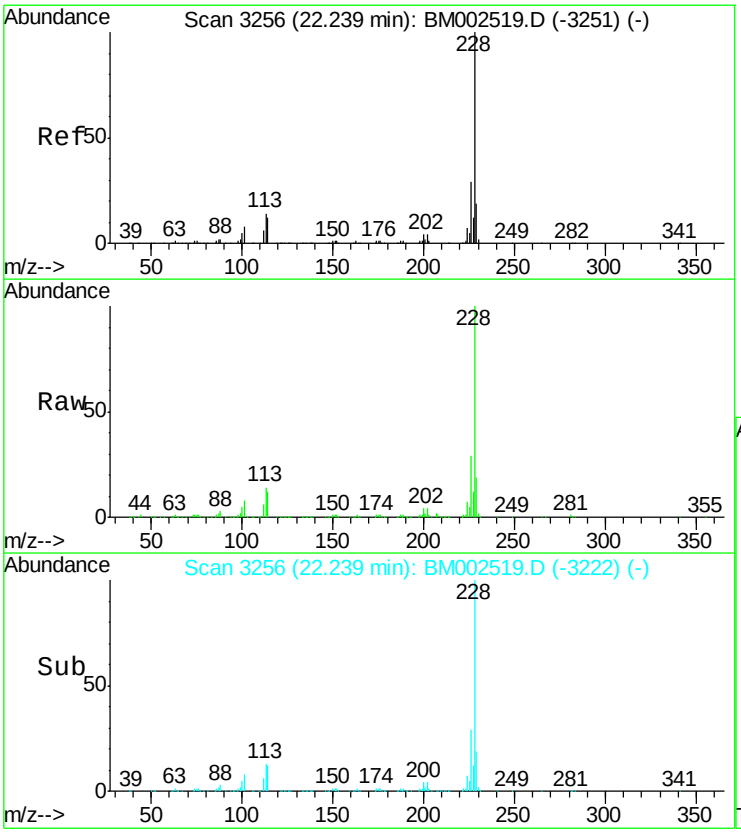
#20
Benzo(a)anthracene
Concen: 19.70 ng/ul
RT: 22.18 min Scan# 3246
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:228 Resp: 848979

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	26.7	21.1	31.7

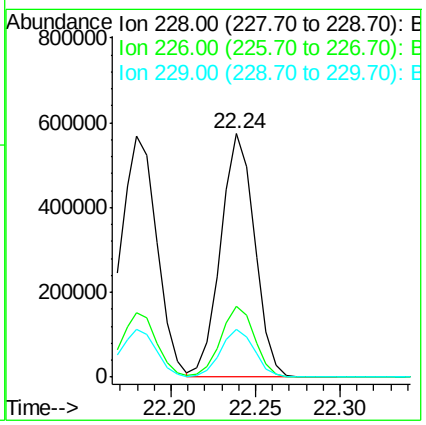


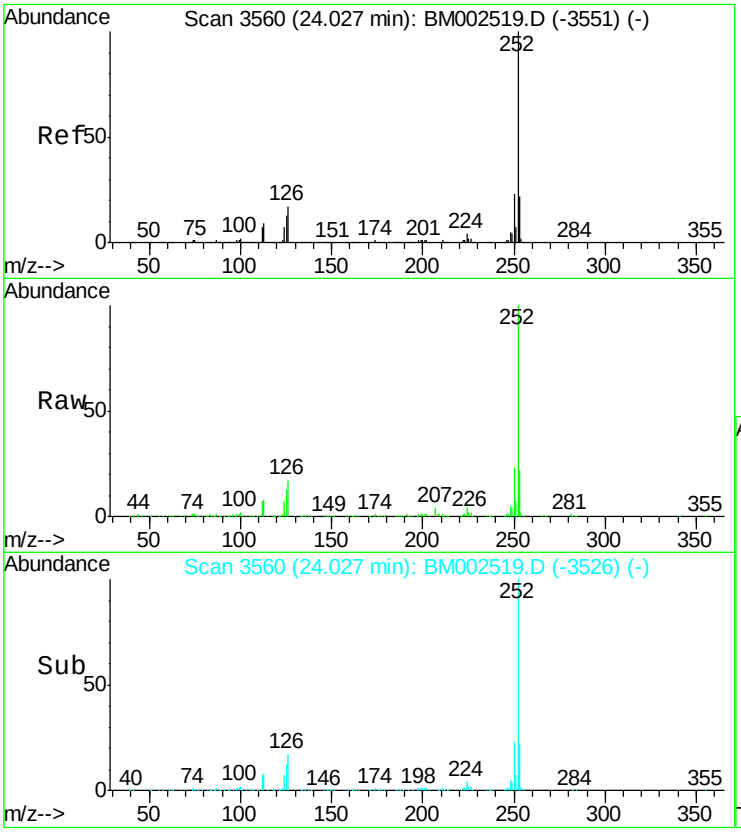


#21
Chrysene
Concen: 19.88 ng/ul
RT: 22.24 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:228 Resp: 801505

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	19.4	15.7	23.5



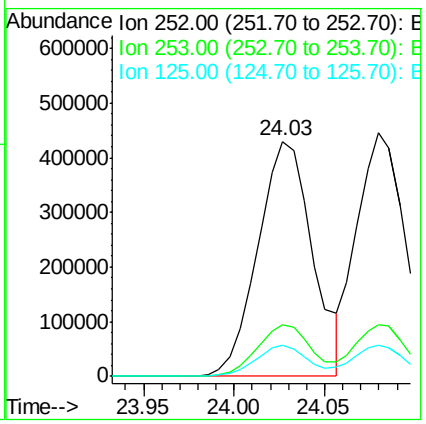


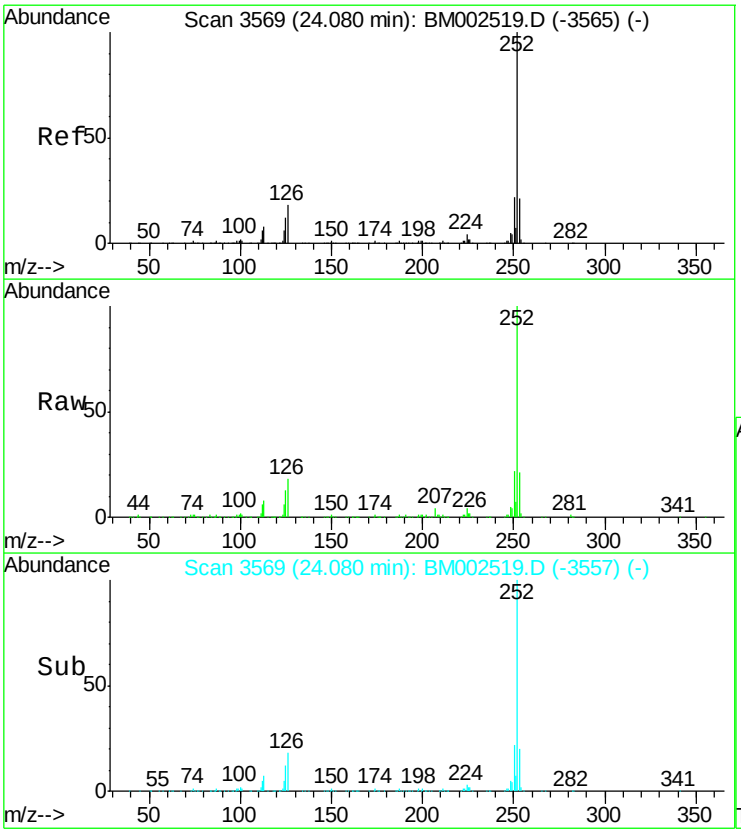
#23
Benzo(b)fluoranthene
Concen: 20.03 ng/ul
RT: 24.03 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:252 Resp: 903140

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	13.0	10.0	15.0

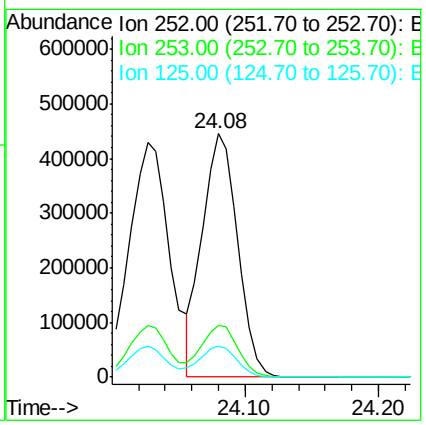


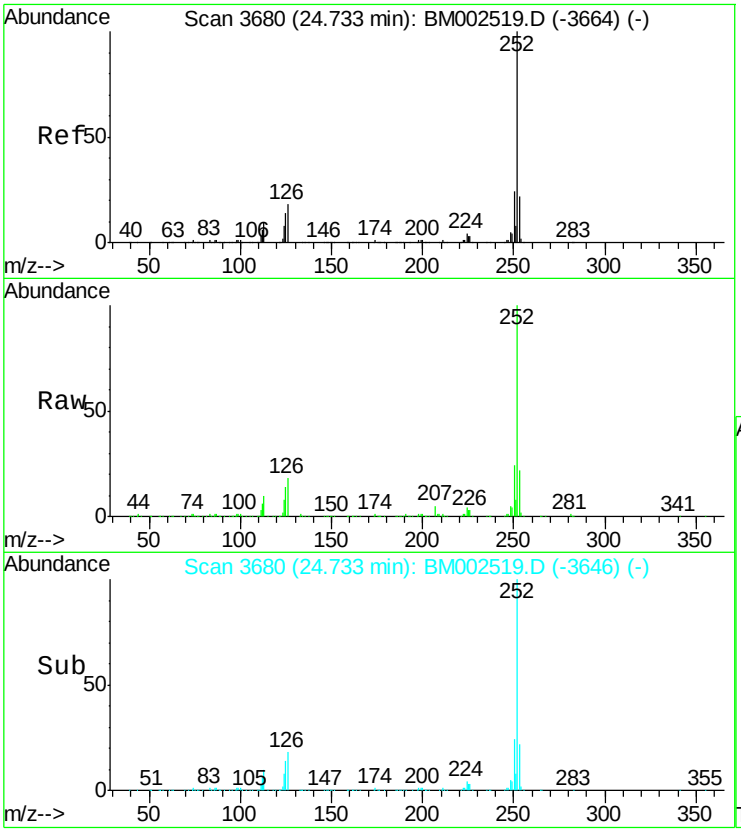


#24
Benzo(k)fluoranthene
Concen: 19.23 ng/ul
RT: 24.08 min Scan# 3569
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:252 Resp: 821683

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	12.8	9.8	14.8



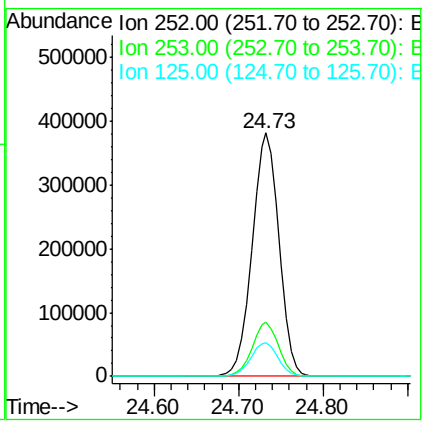


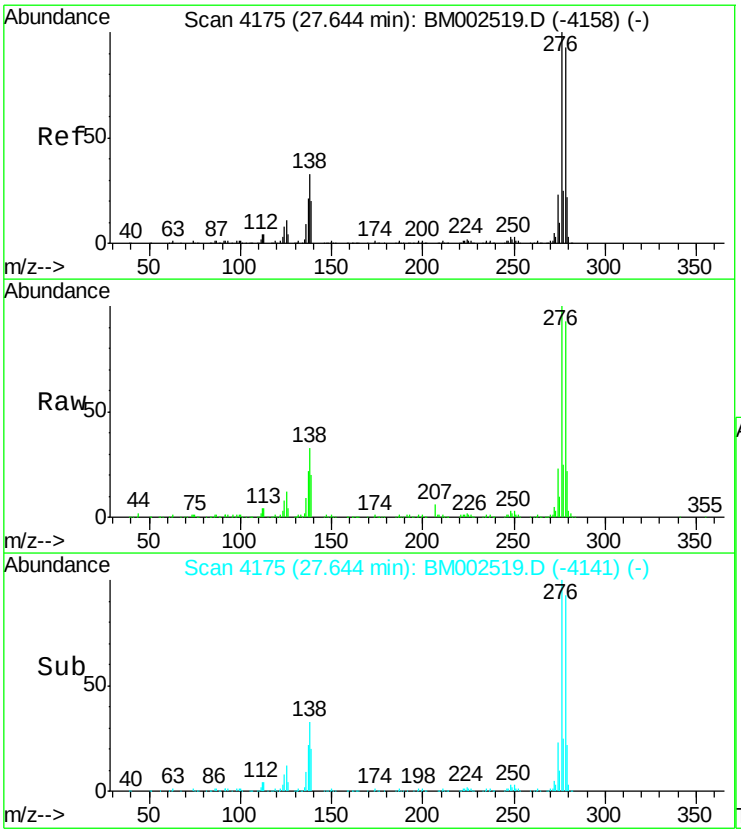
#26
Benzo(a)pyrene
Concen: 19.67 ng/ul
RT: 24.73 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:252 Resp: 847230

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	14.1	10.7	16.1

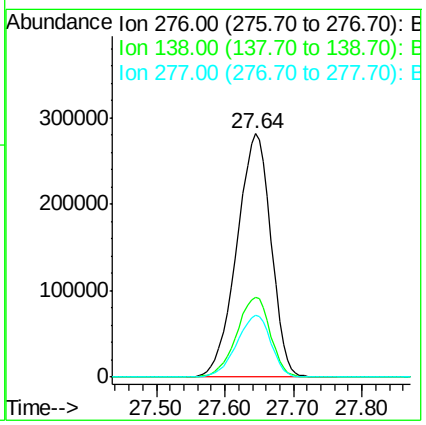


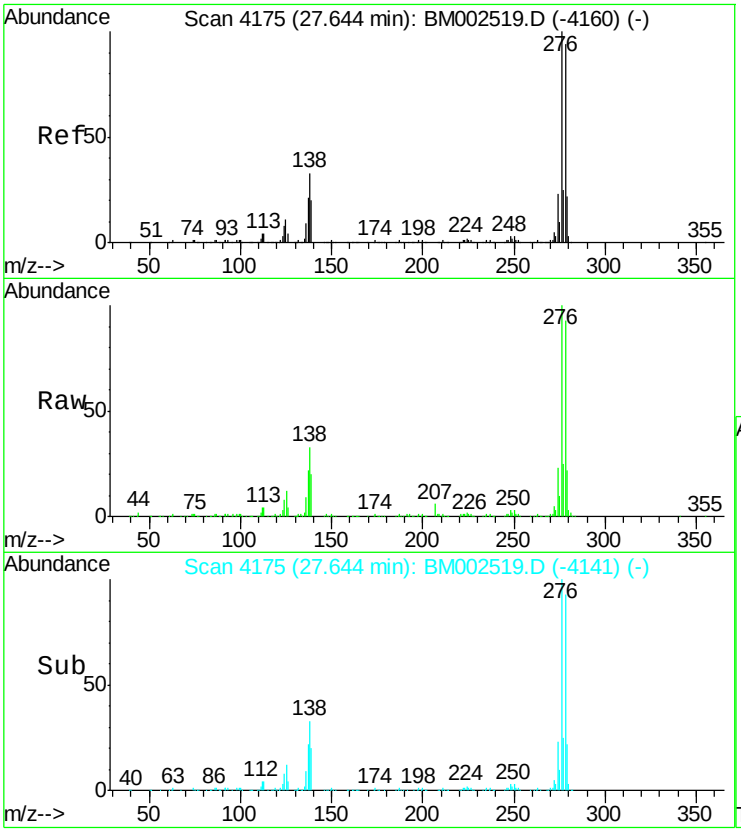


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.75 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:276 Resp: 978332

Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.3	37.9
277	25.4	20.2	30.2



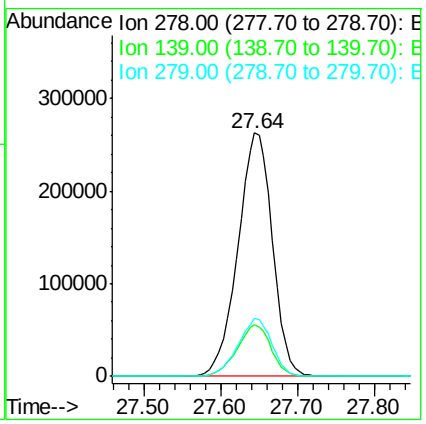


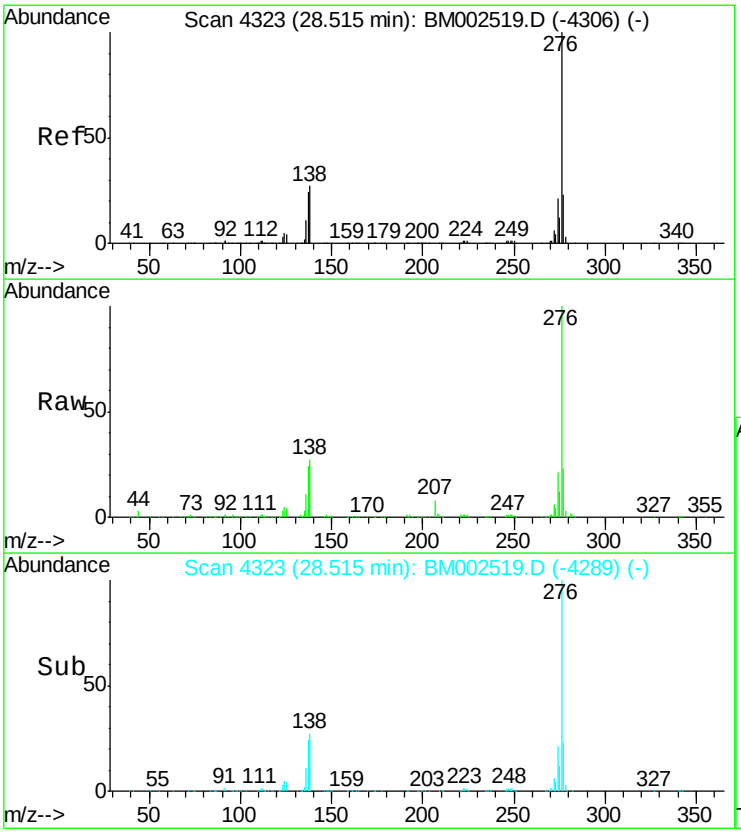
#28
Dibenzo(a,h)anthracene
Concen: 19.89 ng/ul
RT: 27.64 min Scan# 4175
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tgt Ion:278 Resp: 823569

Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.5	24.7
279	23.6	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 19.80 ng/ul
RT: 28.51 min Scan# 4323
Delta R.T. 0.00 min
Lab File: BM002519.D
Acq: 21 Aug 2015 11:50

Tgt Ion:276 Resp: 816619

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.6
277	23.4	19.2	28.8