Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002547.D
Acq On : 22 Aug 2015 07:08
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02053

Quant Time: Aug 24 00:45:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	158021	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	740007	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	395183	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.12	188	816541	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	663325	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	520851	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.11	160	805868	19.95	ng/ul	0.00
10) Fluorene-d10	16.37	176	542682	19.12	ng/ul	0.00
14) Anthracene-d10	18.21	188	779197	19.78	ng/ul	0.00
18) Pyrene-d10	20.43	212	743366	25.28	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	543277	19.86	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.74	128	745615	19.74	ng/ul	99
4) 2-Methylnaphthalene	13.29	142	537206	18.99	ng/ul	99
5) 1-Methylnaphthalene	13.50	142	528684	18.89	ng/ul	99
8) Acenaphthylene	15.14	152	843614	19.95	ng/ul	100
9) Acenaphthene	15.47	153	548068	19.67	ng/ul	100
11) Fluorene	16.43	166	617264	19.34	ng/ul	99
13) Phenanthrene	18.16	178	932707	19.78	ng/ul	99
15) Anthracene	18.24	178	946616	19.81	ng/ul	100
16) Fluoranthene	20.10	202	974738	18.26	ng/ul	97
19) Pyrene	20.46	202	986945	25.40	ng/ul	99
20) Benzo(a)anthracene	22.17	228	790673	19.93	ng/ul	100
21) Chrysene	22.23	228	730692	19.69	ng/ul	100
23) Benzo(b)fluoranthene	24.02	252	638300	20.27	ng/ul	99
24) Benzo(k)fluoranthene	24.07	252	628492	21.06	ng/ul	99
26) Benzo(a)pyrene	24.72	252	593935	19.75	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.63	276	646429	18.69	ng/ul	98
28) Dibenzo(a,h)anthracene	27.63	278	545989	18.89	ng/ul	100
29) Benzo(g,h,i)perylene	28.50	276	539790	18.75	ng/ul	98

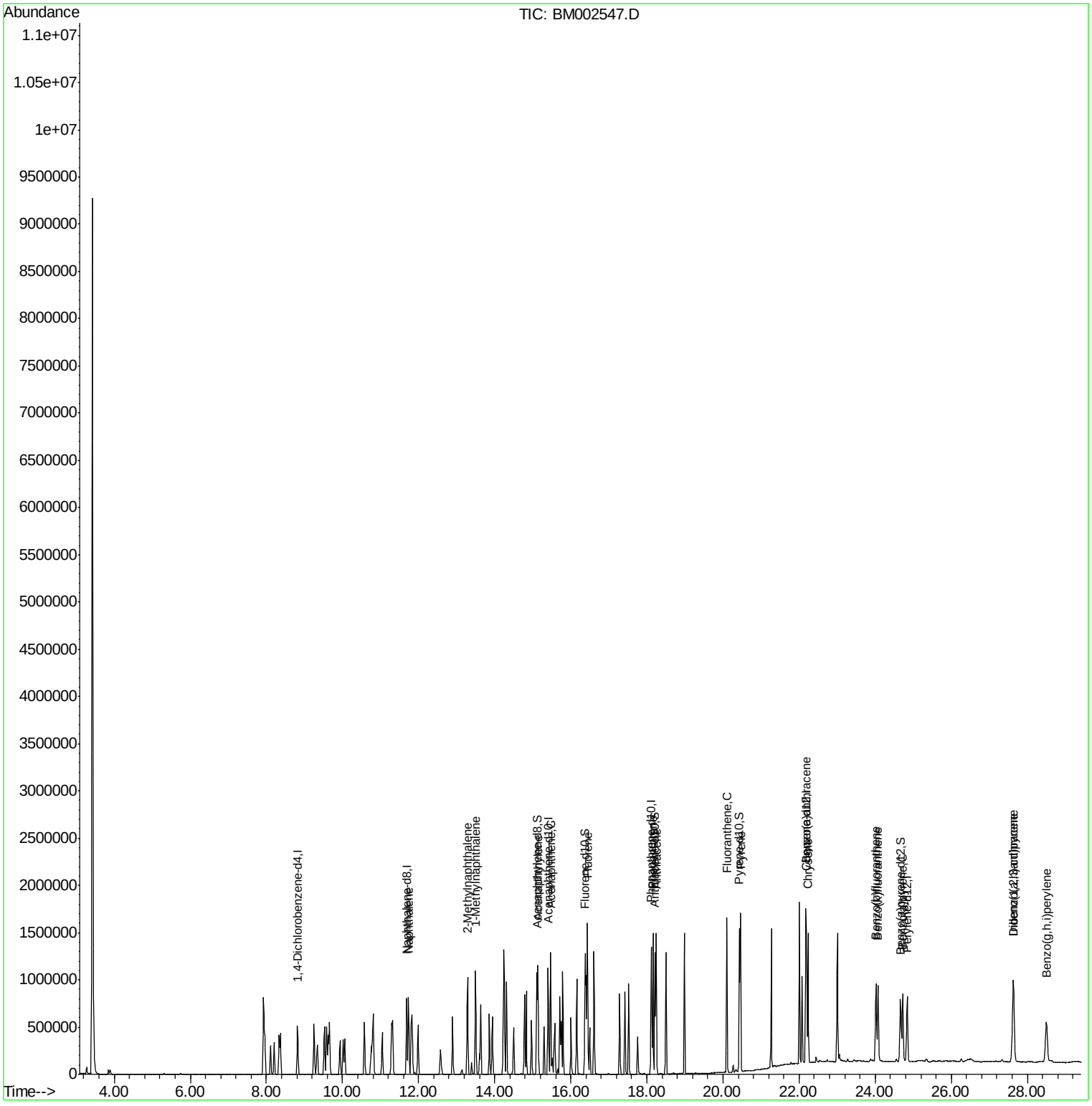
(#) = qualifier out of range (m) = manual integration (+) = signals summed

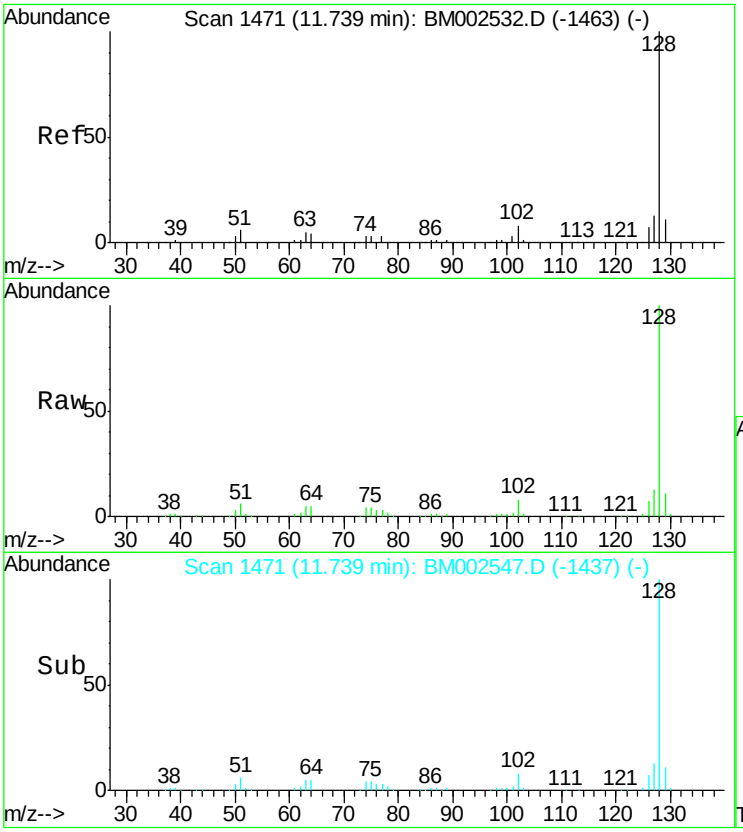
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002547.D
Acq On : 22 Aug 2015 07:08
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Quant Time: Aug 24 00:45:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 23:16:58 2015
Response via : Initial Calibration



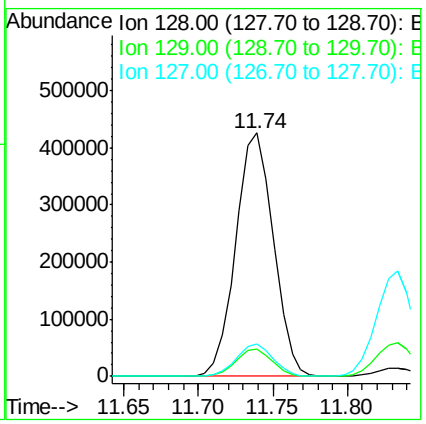


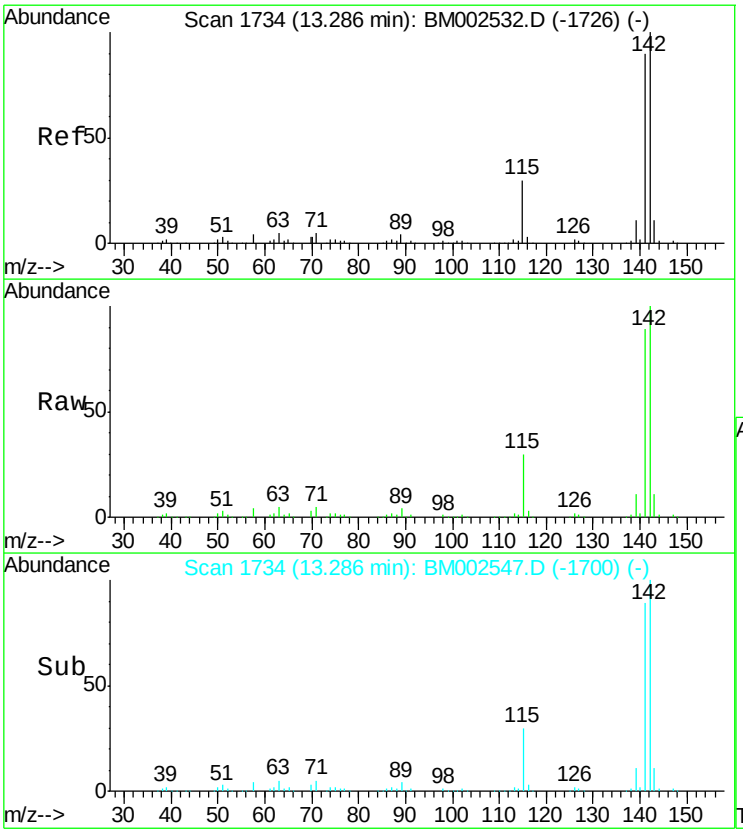
#3
Naphthalene
Concen: 19.74 ng/ul
RT: 11.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:128 Resp: 745615

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

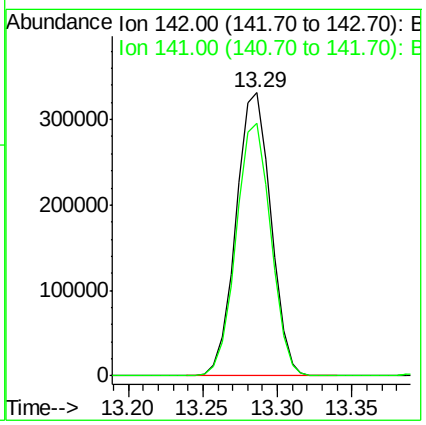


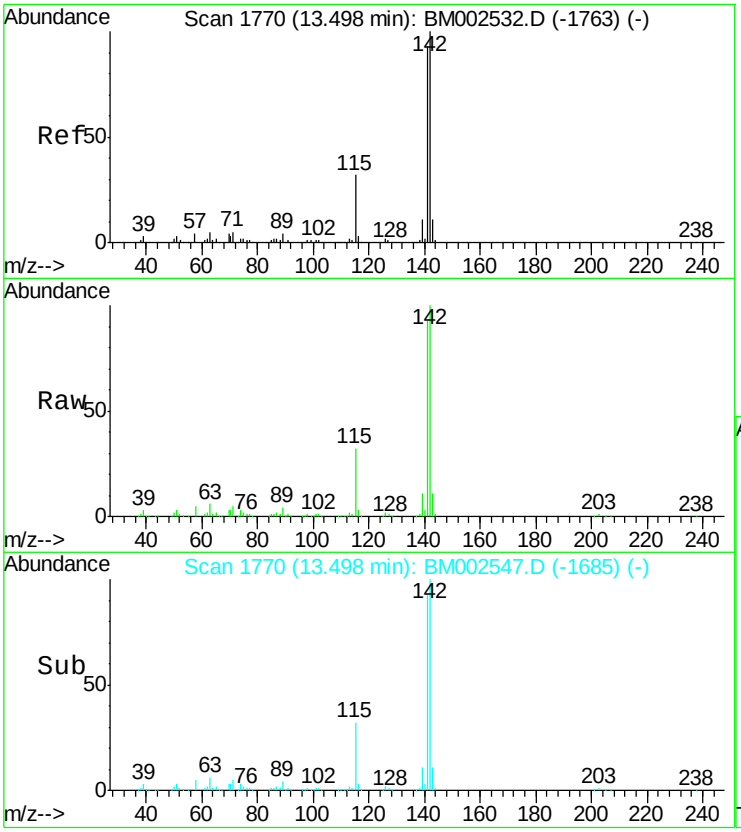


#4
2-Methylnaphthalene
Concen: 18.99 ng/ul
RT: 13.29 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:142 Resp: 537206

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.2



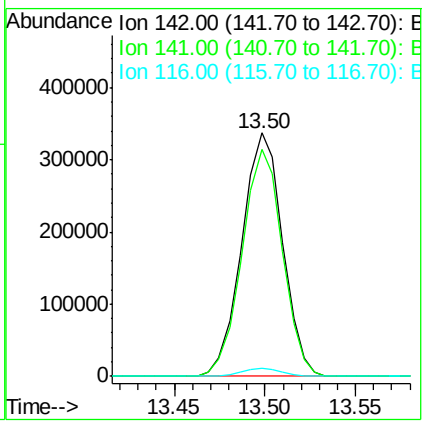


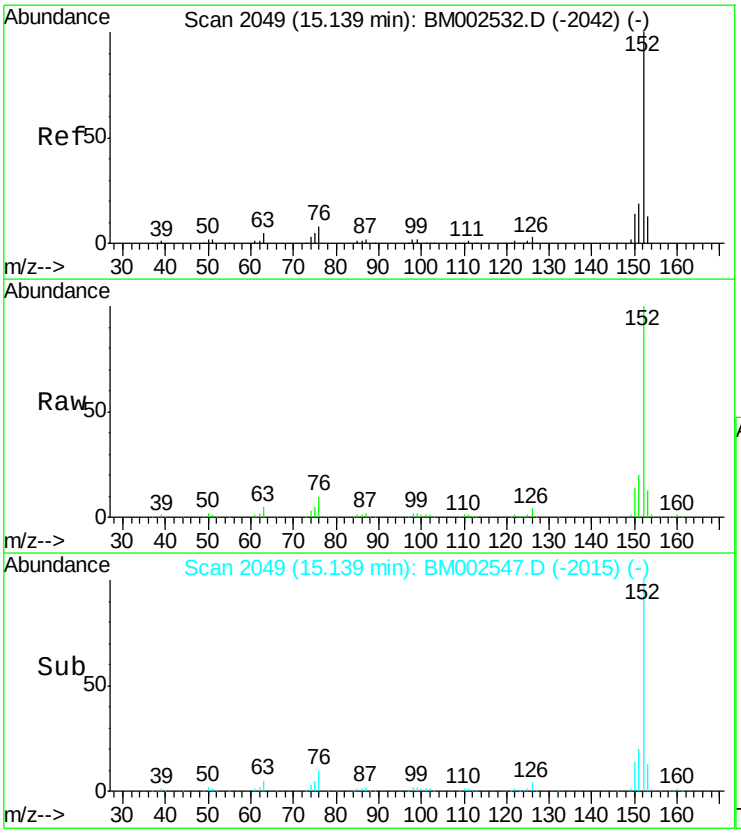
#5
1-Methylnaphthalene
Concen: 18.89 ng/ul
RT: 13.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:142 Resp: 528684

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	3.4	3.0	4.4

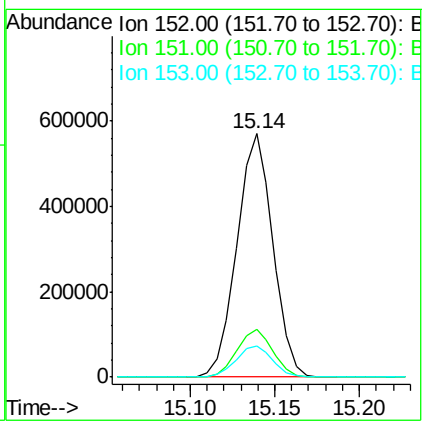


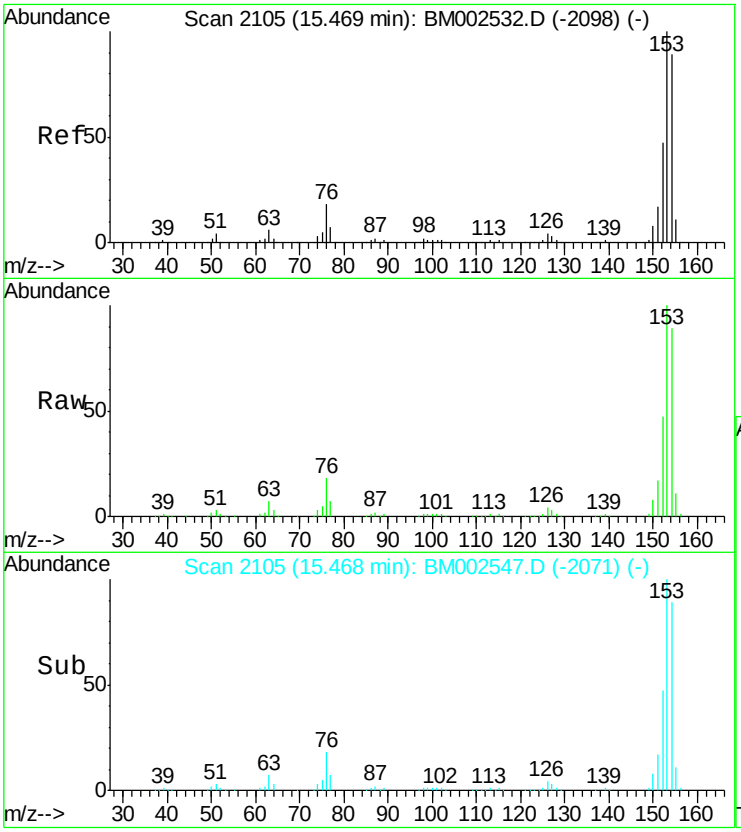


#8
Acenaphthylene
Concen: 19.95 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:152 Resp: 843614

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.2	15.4



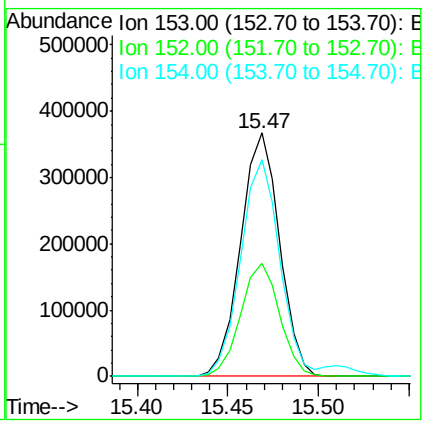


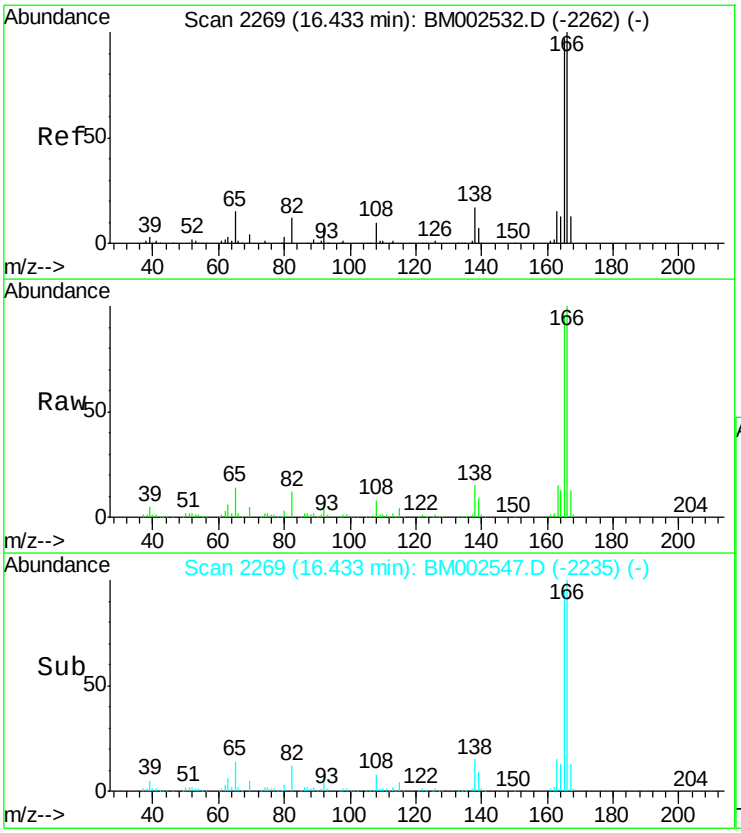
#9
Acenaphthene
Concen: 19.67 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:153 Resp: 548068

Ion	Ratio	Lower	Upper
153	100		
152	46.6	36.9	55.3
154	88.8	71.3	106.9

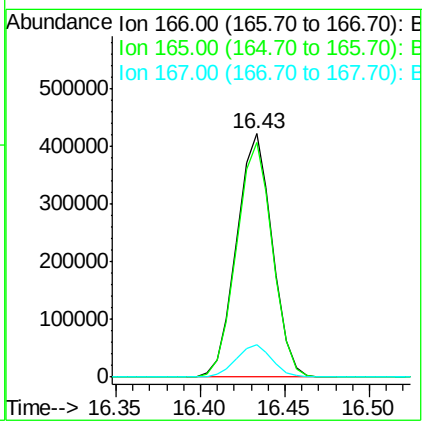


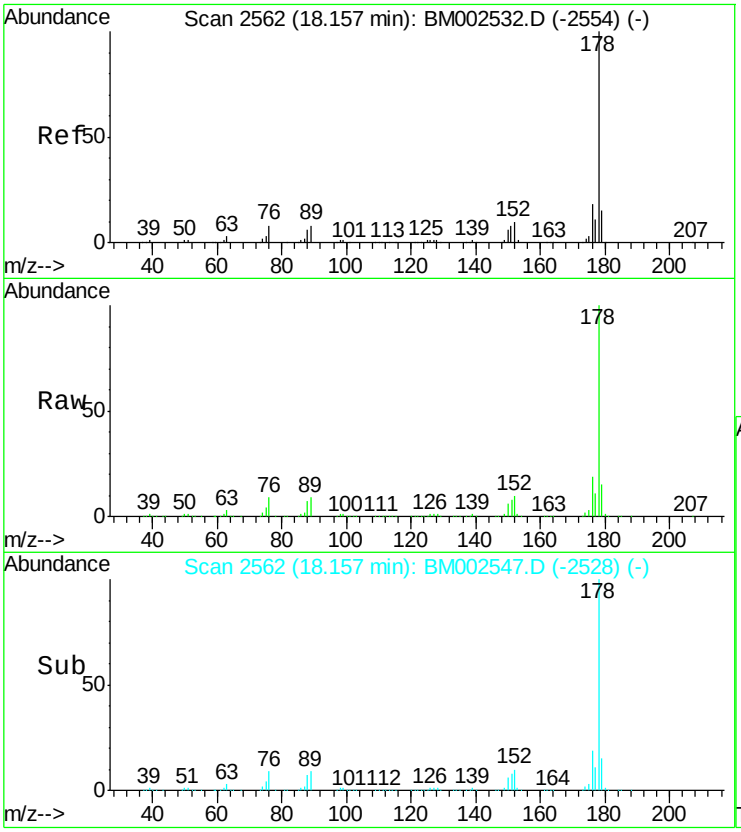


#11
Fluorene
Concen: 19.34 ng/ul
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:166 Resp: 617264

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.6	116.4
167	13.2	10.7	16.1



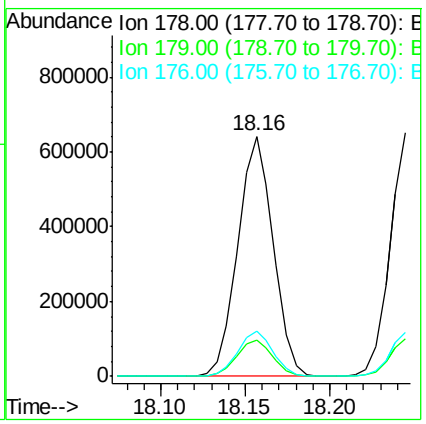


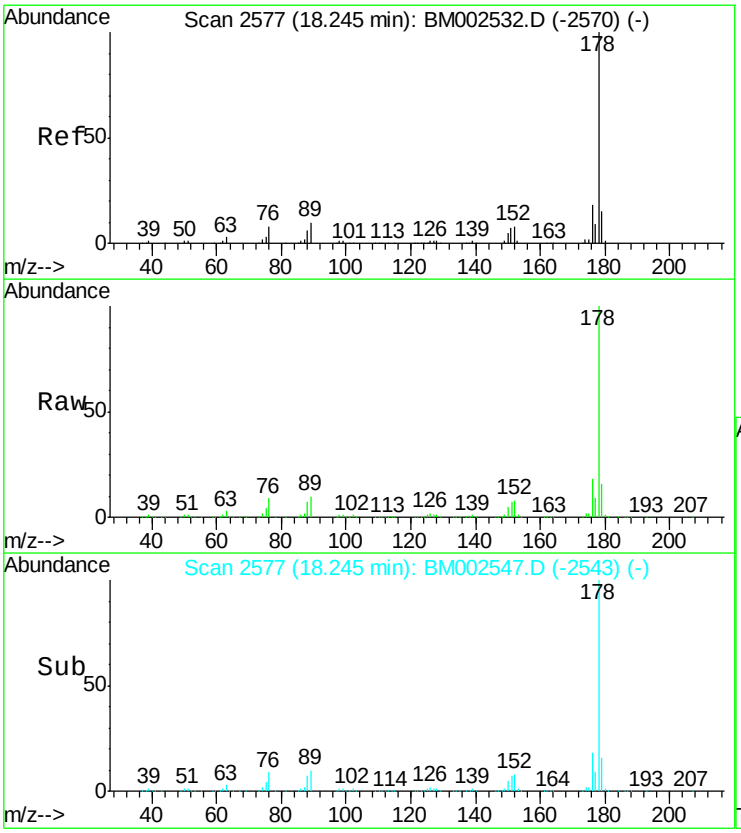
#13
Phenanthrene
Concen: 19.78 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:178 Resp: 932707

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	18.8	15.1	22.7

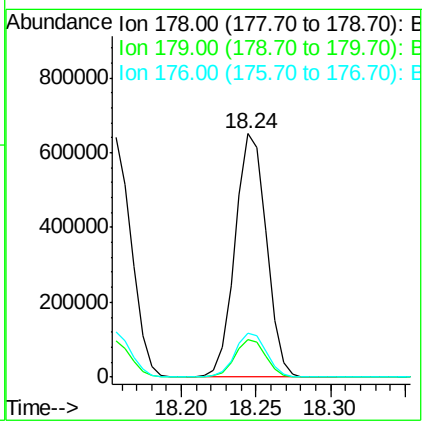


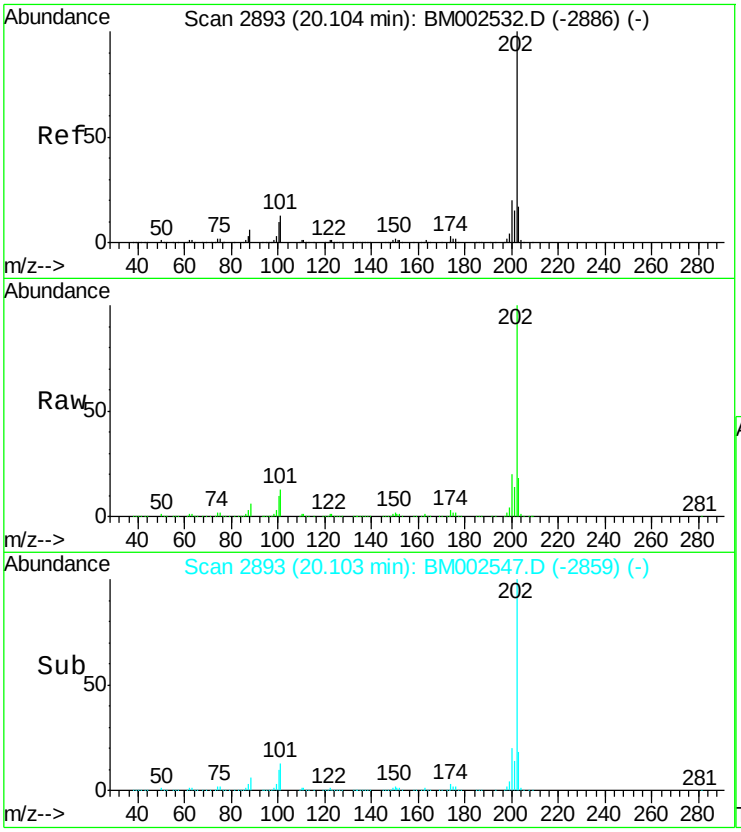


#15
Anthracene
Concen: 19.81 ng/ul
RT: 18.24 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:178 Resp: 946616

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.2	14.5	21.7



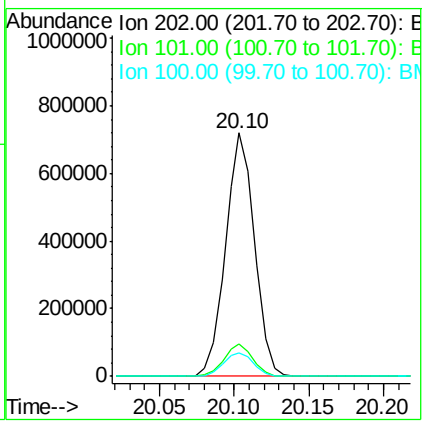


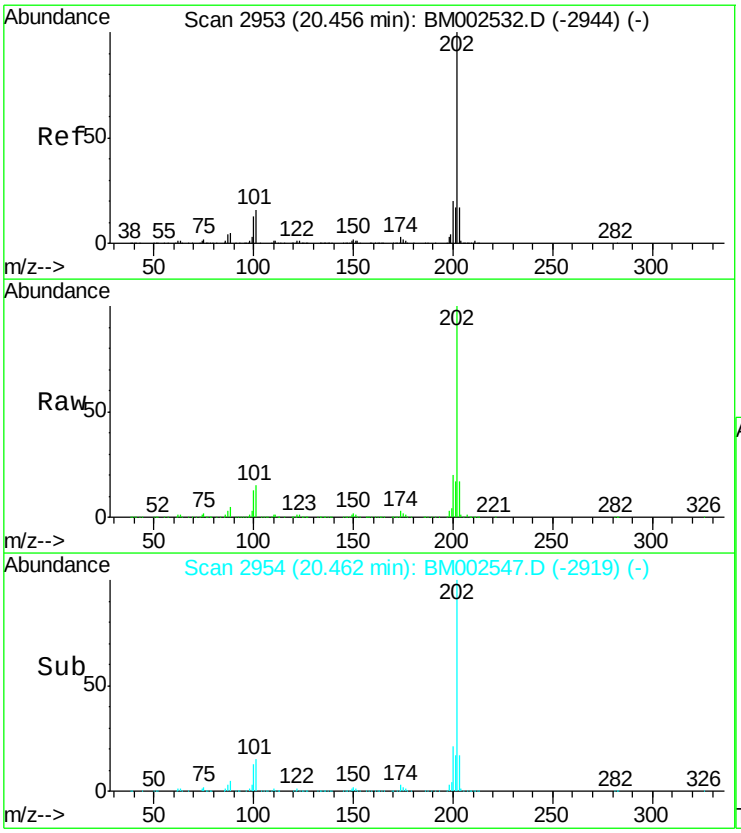
#16
Fluoranthene
Concen: 18.26 ng/ul
RT: 20.10 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:202 Resp: 974738

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	9.9	7.4	11.2

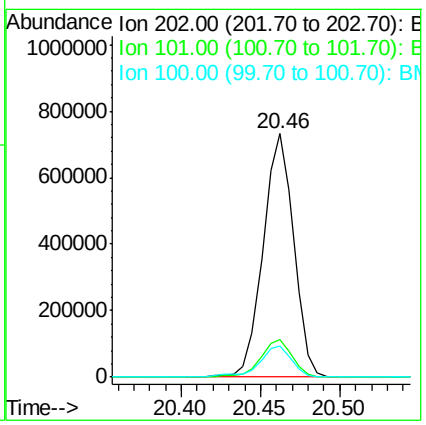


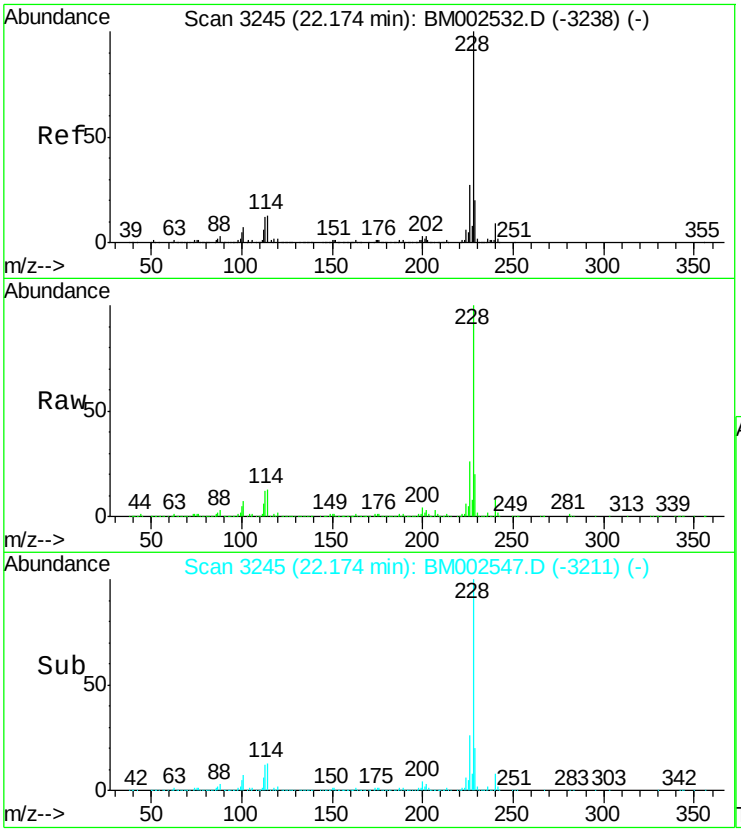


#19
Pyrene
Concen: 25.40 ng/ul
RT: 20.46 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:202 Resp: 986945

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.0	18.0
100	12.8	9.7	14.5



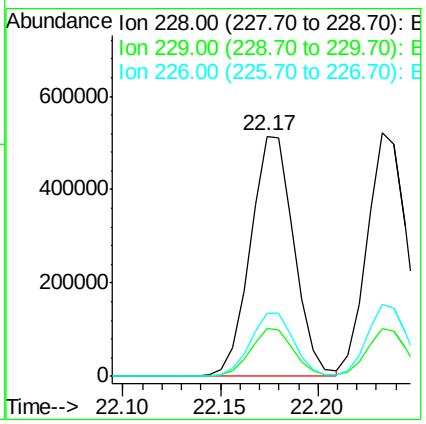


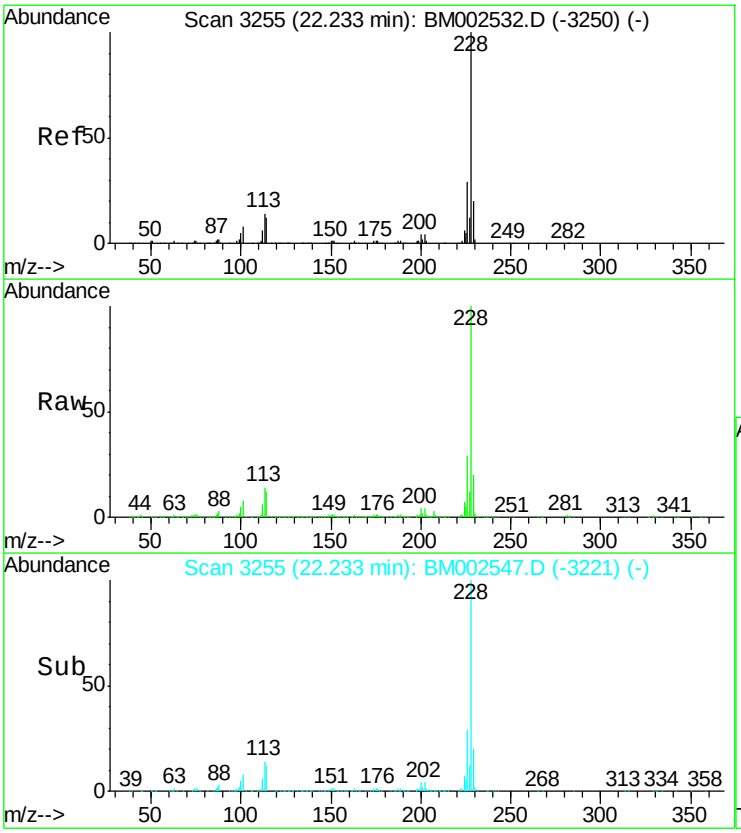
#20
Benzo(a)anthracene
Concen: 19.93 ng/ul
RT: 22.17 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:228 Resp: 790673

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	26.1	21.1	31.7

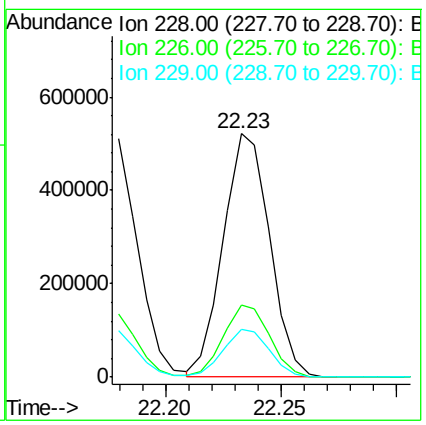


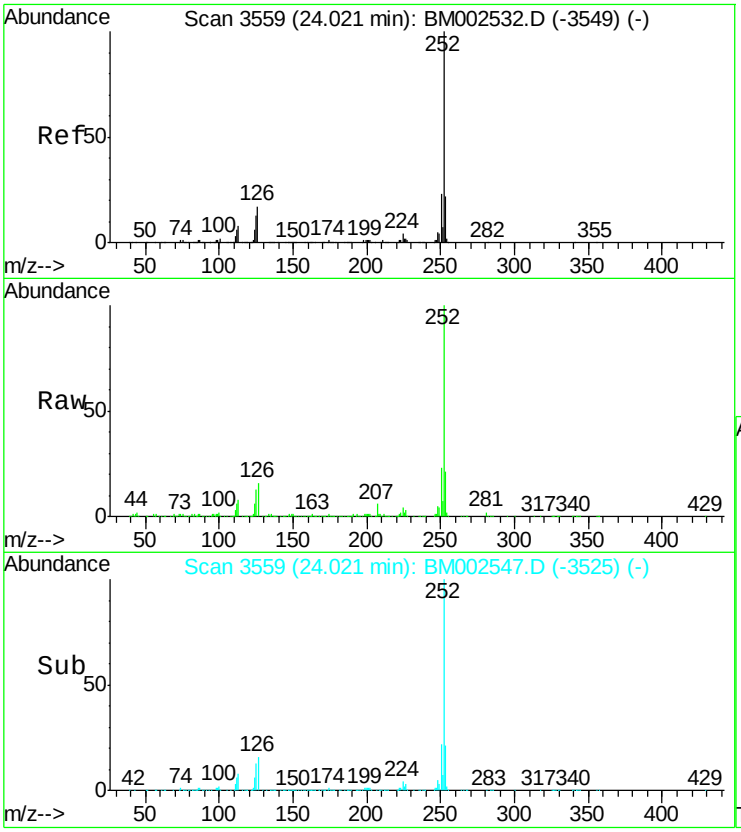


#21
Chrysene
Concen: 19.69 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:228 Resp: 730692

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.6	15.7	23.5



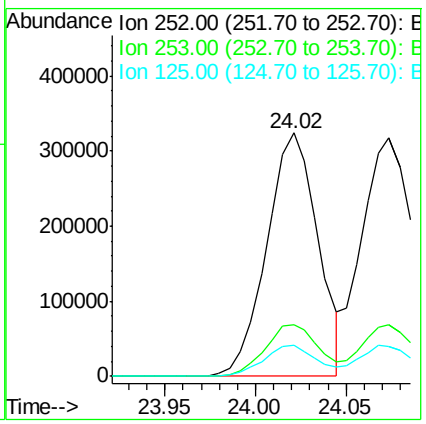


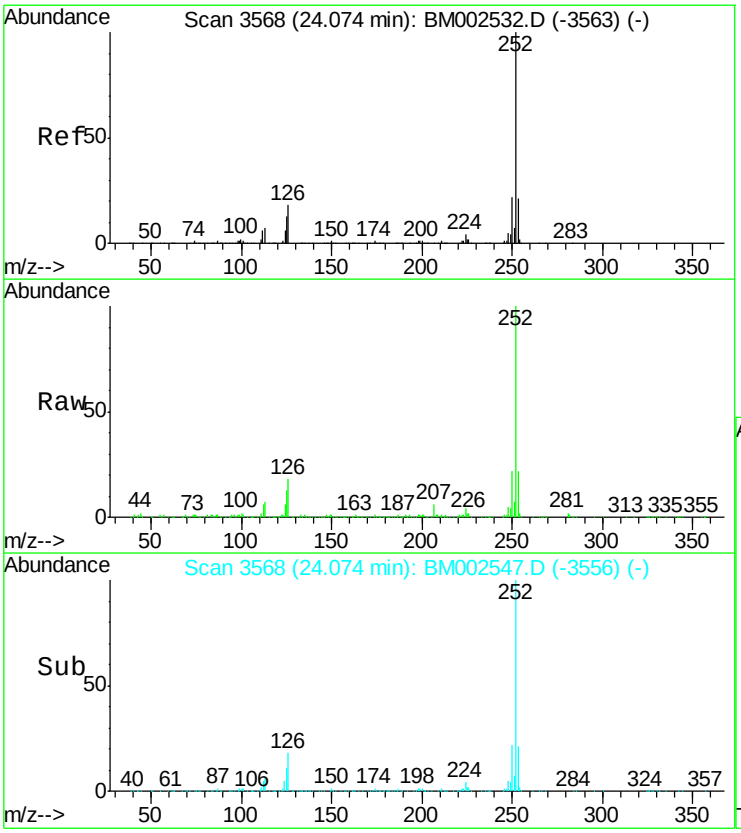
#23
Benzo(b)fluoranthene
Concen: 20.27 ng/ul
RT: 24.02 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:252 Resp: 638300

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	12.9	10.0	15.0

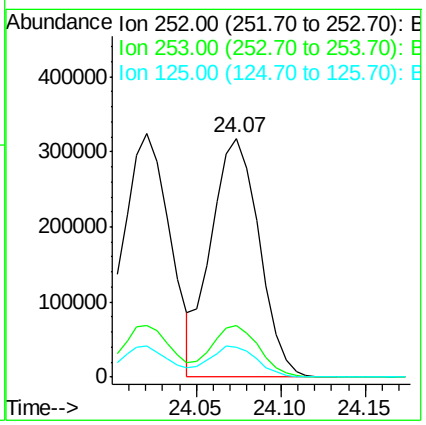


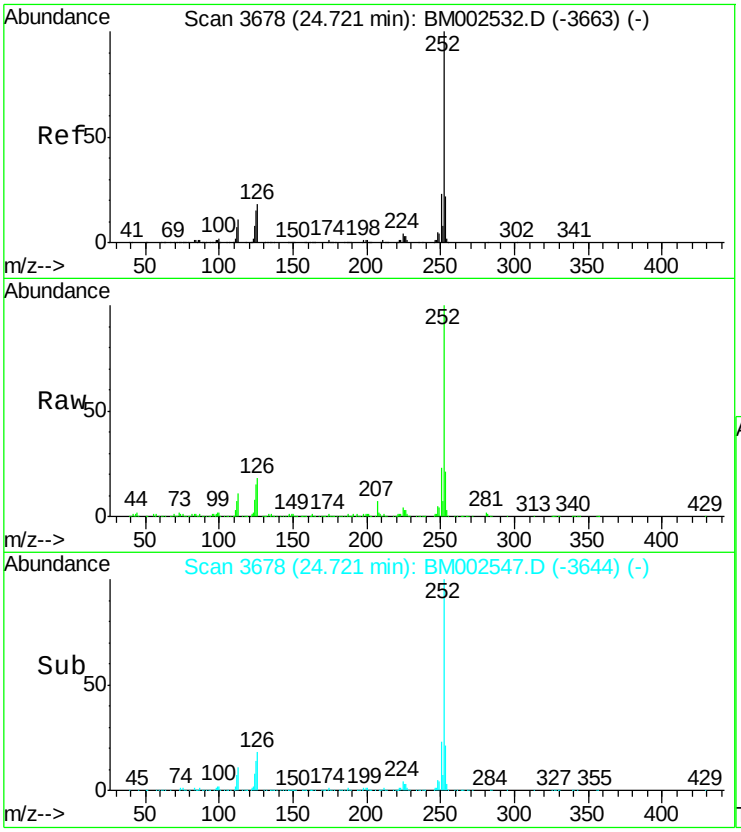


#24
Benzo(k)fluoranthene
Concen: 21.06 ng/ul
RT: 24.07 min Scan# 3568
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:252 Resp: 628492

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	12.6	9.8	14.8



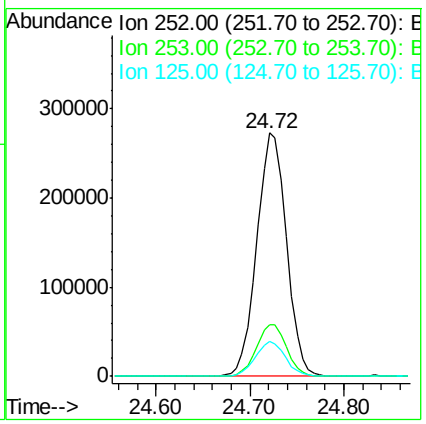


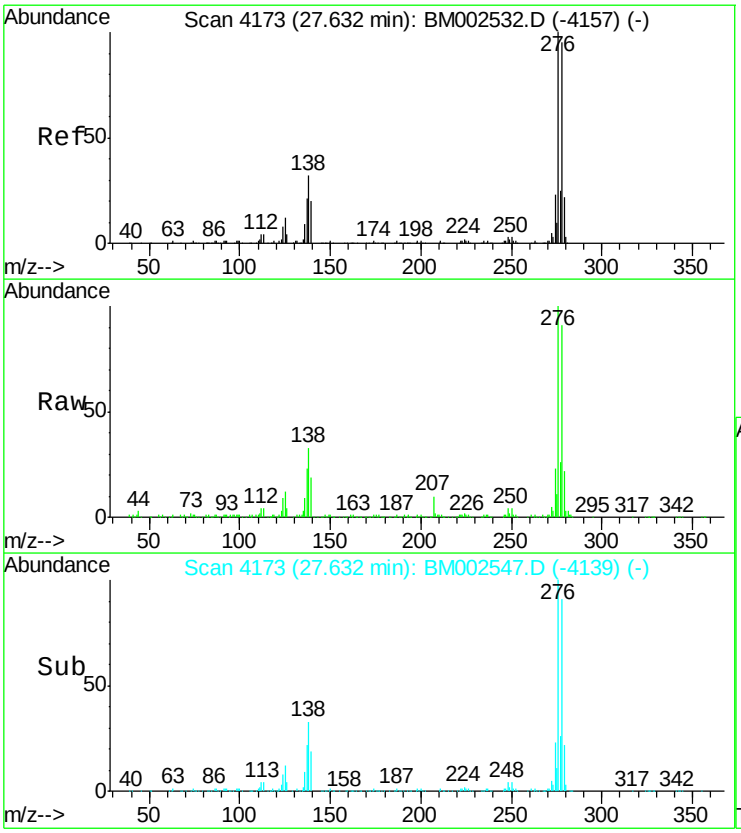
#26
Benzo(a)pyrene
Concen: 19.75 ng/ul
RT: 24.72 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:252 Resp: 593935

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	14.5	10.7	16.1

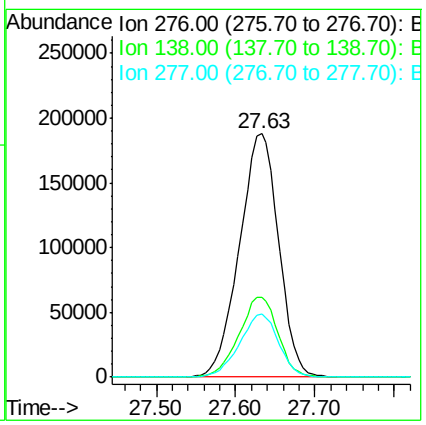


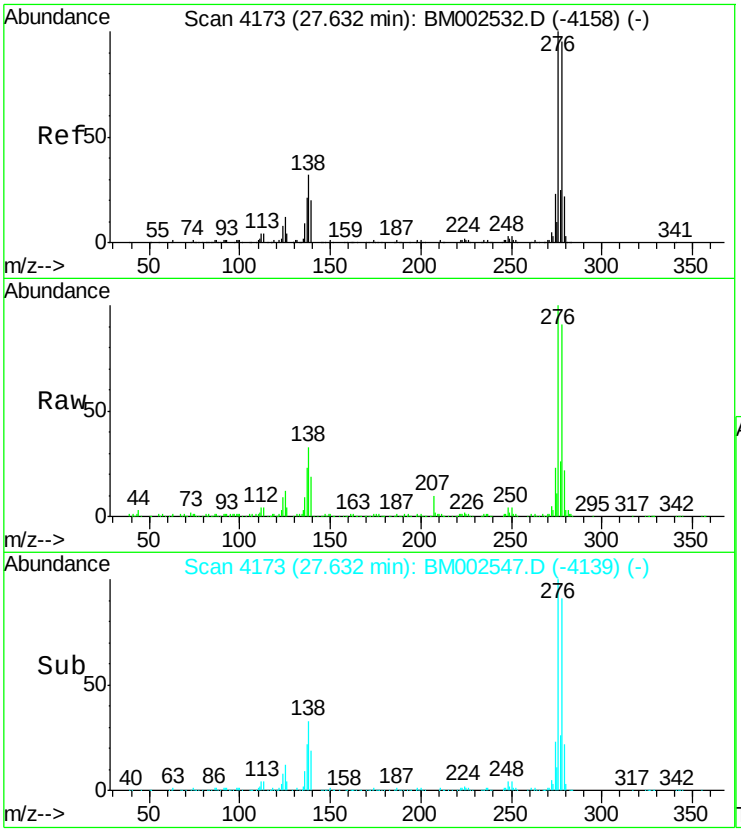


#27
Indeno(1,2,3-cd)pyrene
Concen: 18.69 ng/ul
RT: 27.63 min Scan# 4173
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:276 Resp: 646429

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.3	37.9
277	25.9	20.2	30.2



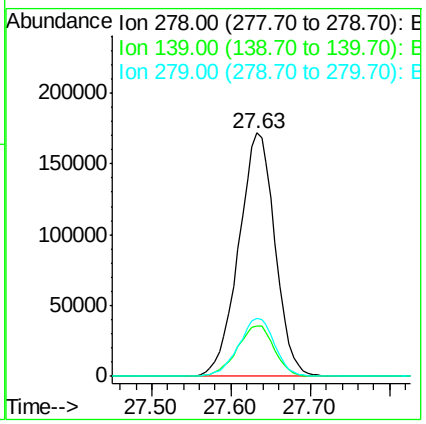


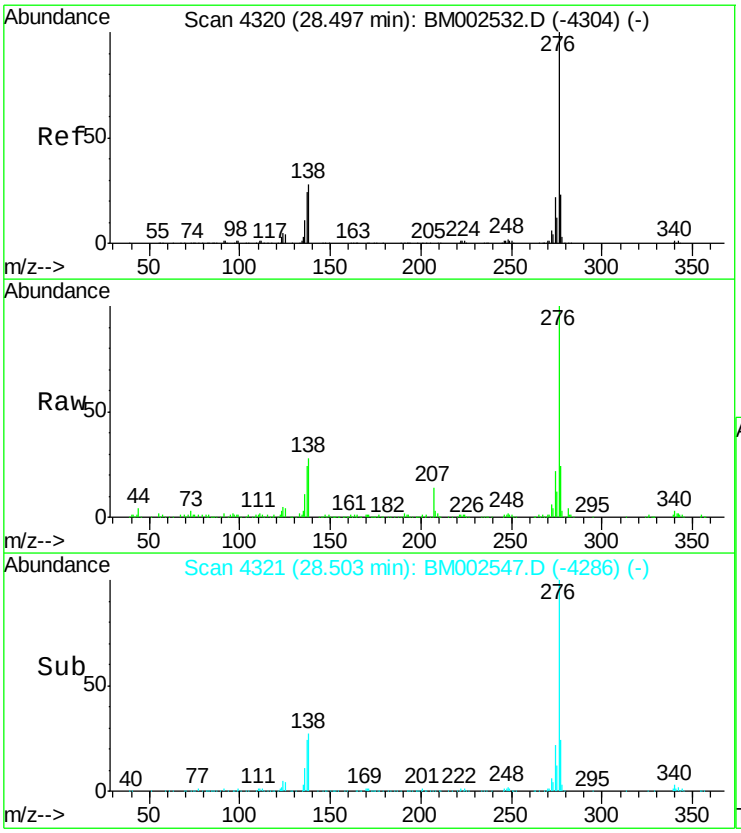
#28
Dibenzo(a,h)anthracene
Concen: 18.89 ng/ul
RT: 27.63 min Scan# 4173
Delta R.T. -0.00 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Tgt Ion:278 Resp: 545989

Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.5	24.7
279	23.8	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 18.75 ng/ul
RT: 28.50 min Scan# 4321
Delta R.T. 0.01 min
Lab File: BM002547.D
Acq: 22 Aug 2015 07:08

Tgt Ion:276 Resp: 539790

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	24.3	19.2	28.8