Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002325.D
Acq On : 11 Aug 2015 14:16
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Aug 12 02:16:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 05:35:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	170302	20.00	ng/ul	-0.02
2) Naphthalene-d8	11.77	136	808430	20.00	ng/ul	-0.02
6) Acenaphthene-d10	15.49	164	445473	20.00	ng/ul	-0.02
12) Phenanthrene-d10	18.19	188	952525	20.00	ng/ul	-0.02
17) Chrysene-d12	22.29	240	993816	20.00	ng/ul	-0.01
22) Perylene-d12	24.98	264	970562	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	931124	20.18	ng/ul	-0.02
10) Fluorene-d10	16.46	176	641969	20.00	ng/ul	-0.01
14) Anthracene-d10	18.29	188	933616	20.20	ng/ul	-0.01
18) Pyrene-d10	20.51	212	966612	20.05	ng/ul	-0.01
25) Benzo(a)pyrene-d12	24.80	264	1045260	20.28	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	11.83	128	849419	19.96	ng/ul	100
4) 2-Methylnaphthalene	13.37	142	607153	19.97	ng/ul	99
5) 1-Methylnaphthalene	13.58	142	594302	19.83	ng/ul	99
8) Acenaphthylene	15.22	152	966535	20.17	ng/ul	100
9) Acenaphthene	15.54	153	648610	20.13	ng/ul	100
11) Fluorene	16.51	166	734500	20.24	ng/ul	100
13) Phenanthrene	18.23	178	1101417	20.09	ng/ul	100
15) Anthracene	18.33	178	1141959	20.17	ng/ul	100
16) Fluoranthene	20.18	202	1235582	20.35	ng/ul	100
19) Pyrene	20.54	202	1287402	20.04	ng/ul	98
20) Benzo(a)anthracene	22.27	228	1233993	20.34	ng/ul	100
21) Chrysene	22.33	228	1147716	19.96	ng/ul	99
23) Benzo(b)fluoranthene	24.14	252	1251990	20.75	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	1154716	19.93	ng/ul	99
26) Benzo(a)pyrene	24.86	252	1170590	20.28	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	27.83	276	1294441	19.56	ng/ul	100
28) Dibenzo(a,h)anthracene	27.84	278	1096920	19.57	ng/ul	99
29) Benzo(g,h,i)perylene	28.71	276	1065808	19.09	ng/ul	98

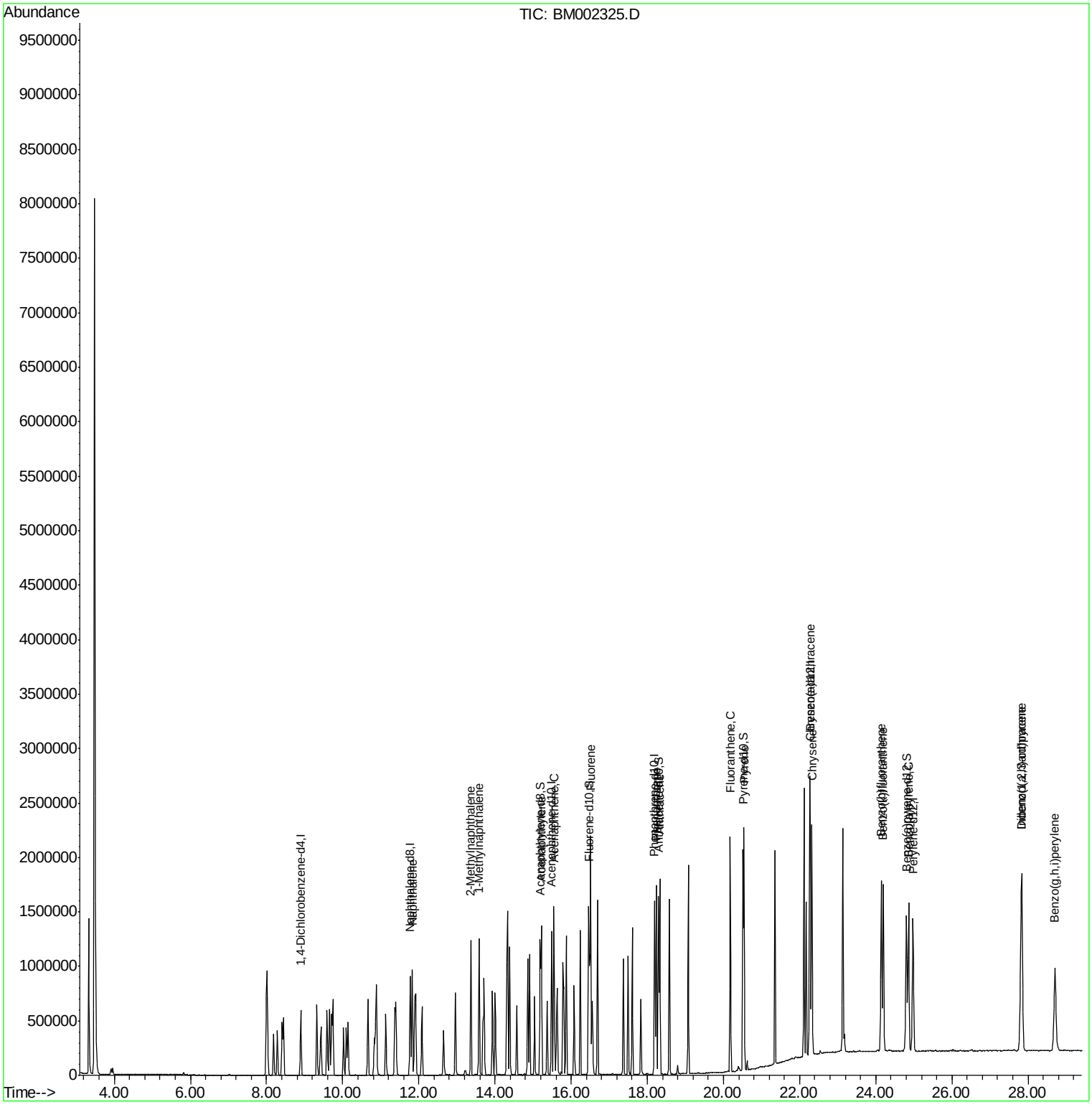
(#) = qualifier out of range (m) = manual integration (+) = signals summed

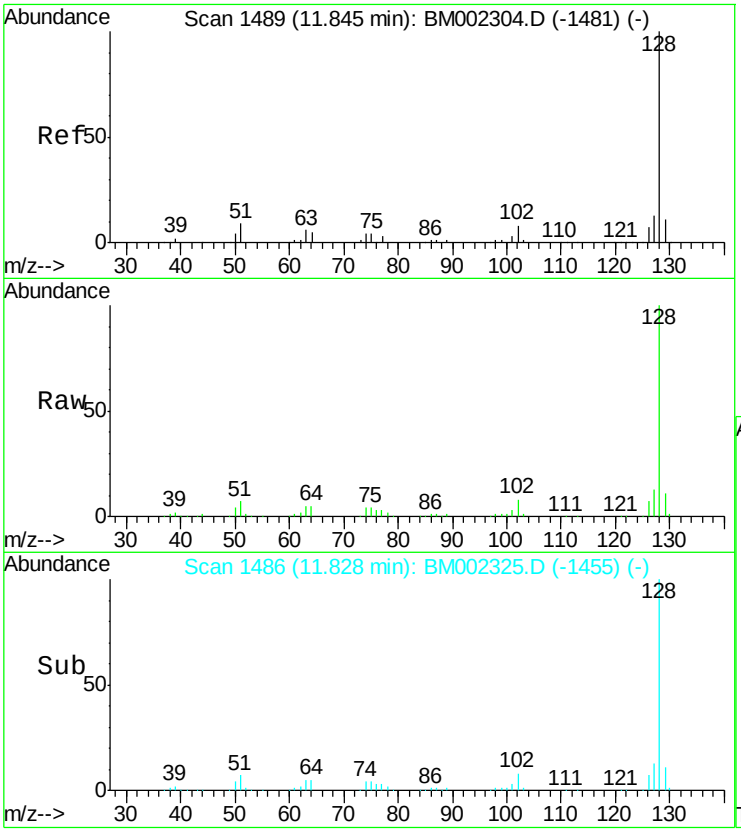
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
Data File : BM002325.D
Acq On : 11 Aug 2015 14:16
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Quant Time: Aug 12 02:16:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 05:35:03 2015
Response via : Initial Calibration



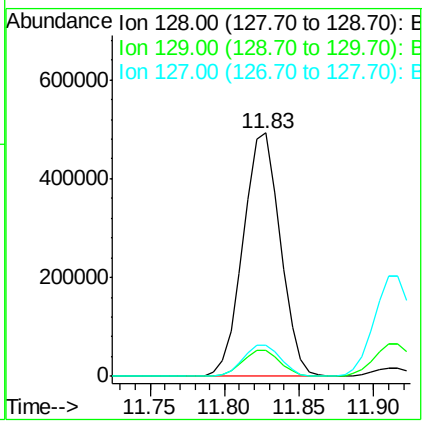


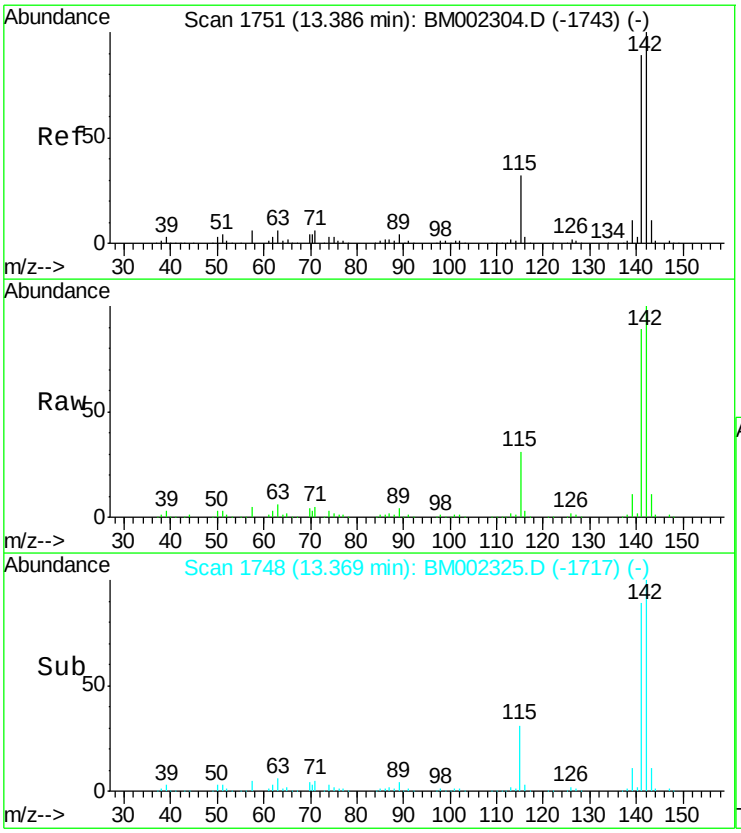
#3
Naphthalene
Concen: 19.96 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:128 Resp: 849419

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.9	10.4	15.6

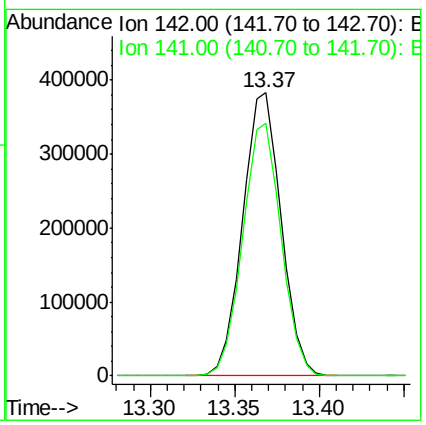


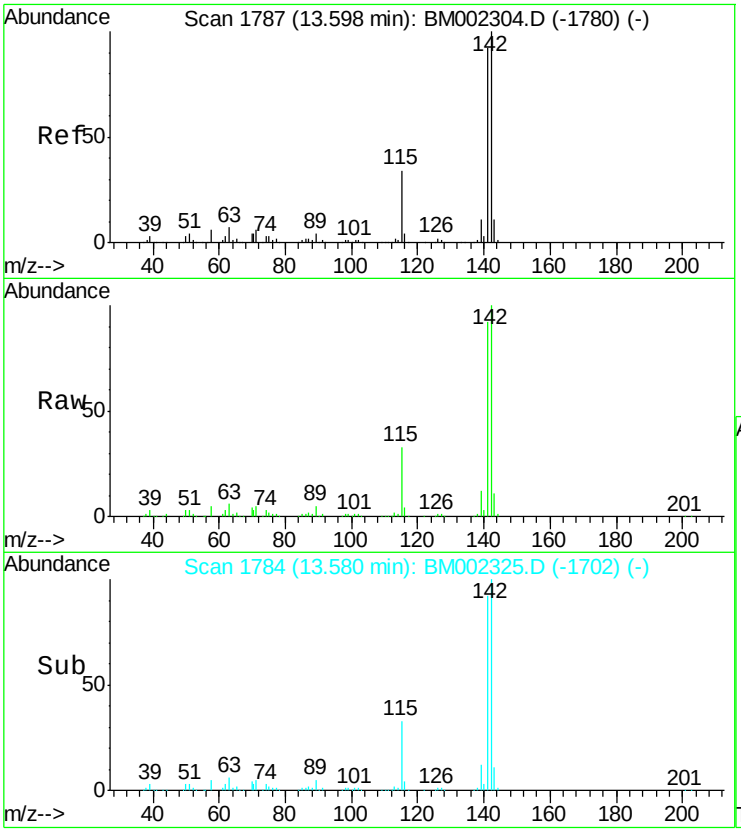


#4
2-Methylnaphthalene
Concen: 19.97 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:142 Resp: 607153

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.5	108.7



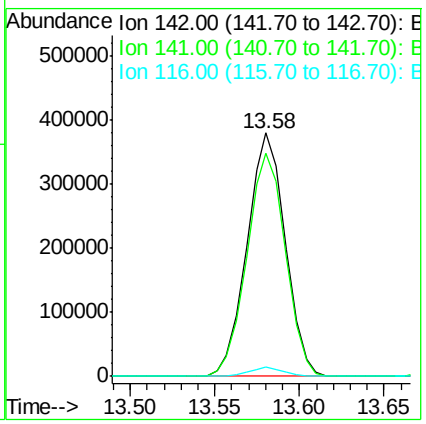


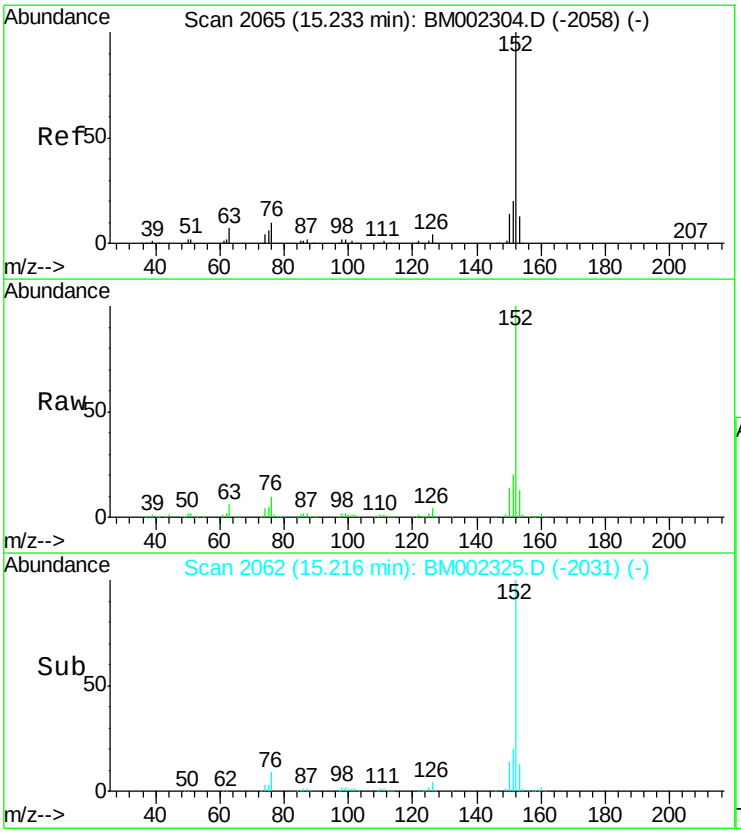
#5
1-Methylnaphthalene
Concen: 19.83 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:142 Resp: 594302

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.5	111.7
116	3.6	3.0	4.4

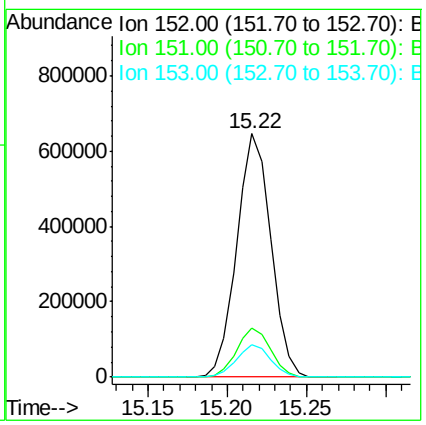


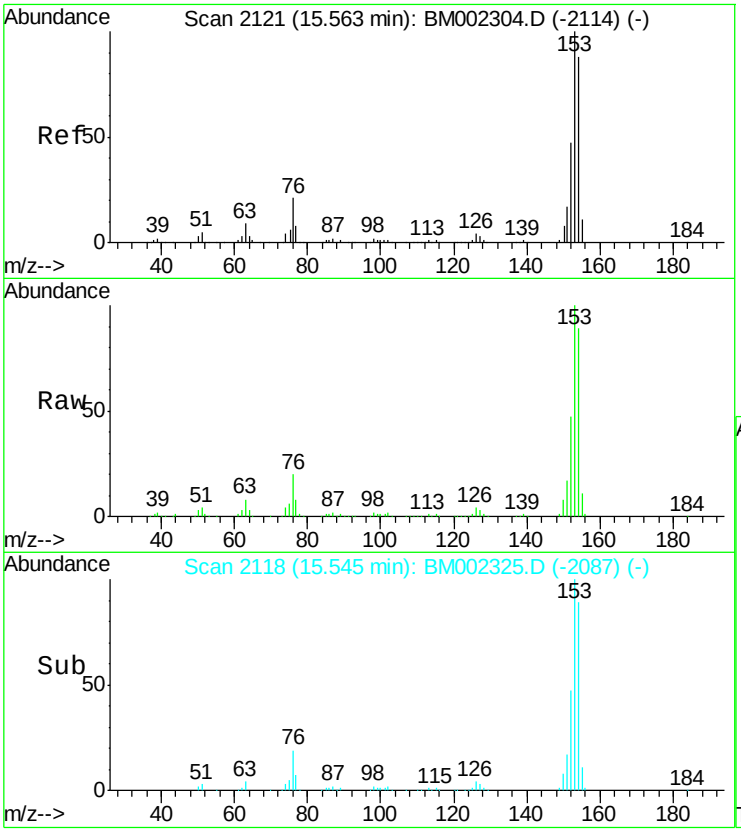


#8
Acenaphthylene
Concen: 20.17 ng/ul
RT: 15.22 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:152 Resp: 966535

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.6	15.8



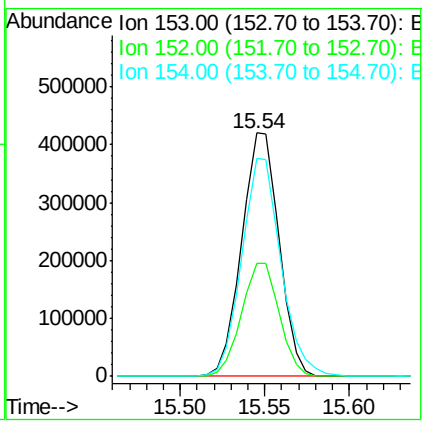


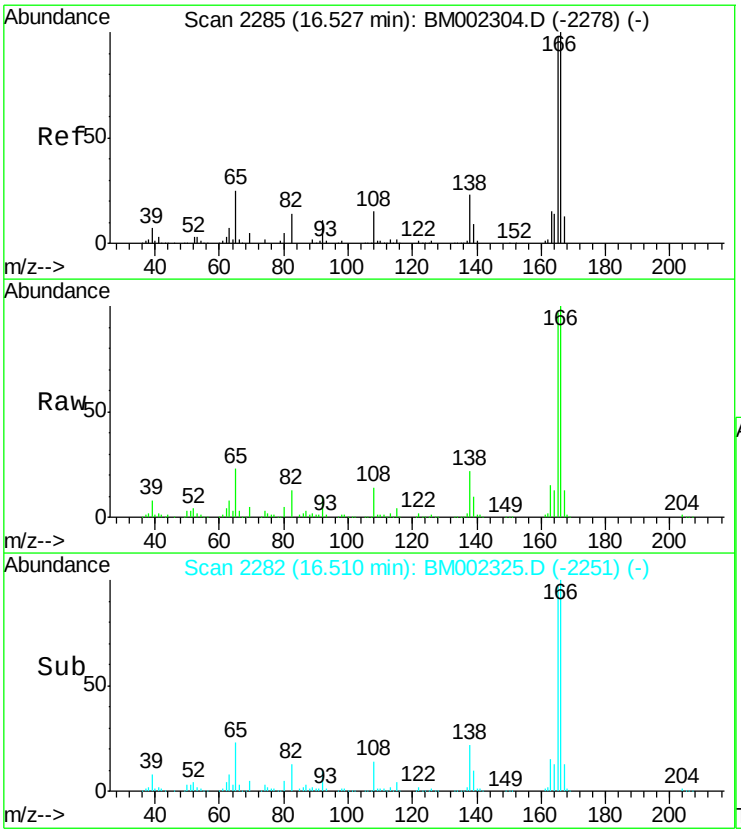
#9
Acenaphthene
Concen: 20.13 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:153 Resp: 648610

Ion	Ratio	Lower	Upper
153	100		
152	46.6	36.6	55.0
154	89.5	71.5	107.3

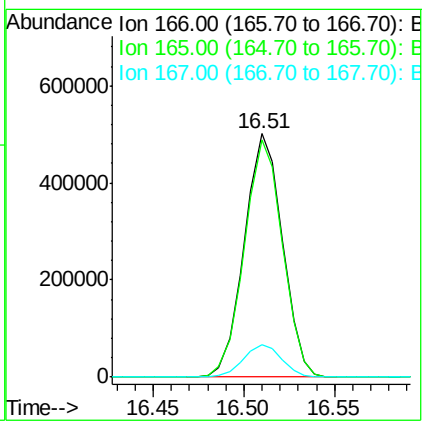


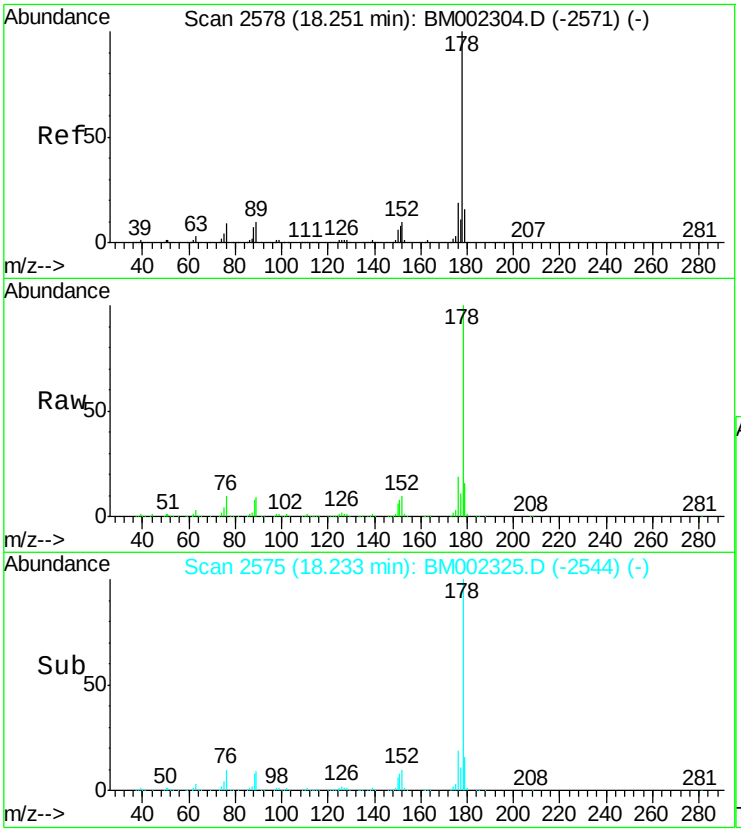


#11
Fluorene
Concen: 20.24 ng/ul
RT: 16.51 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:166 Resp: 734500

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.5	116.3
167	13.2	10.4	15.6



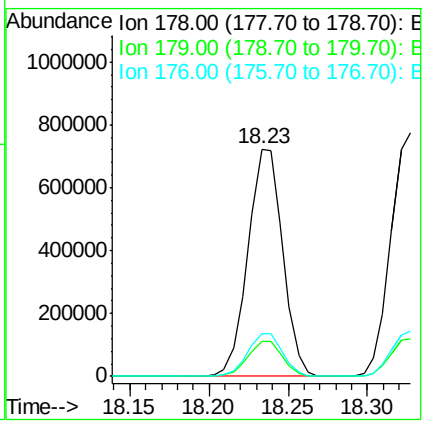


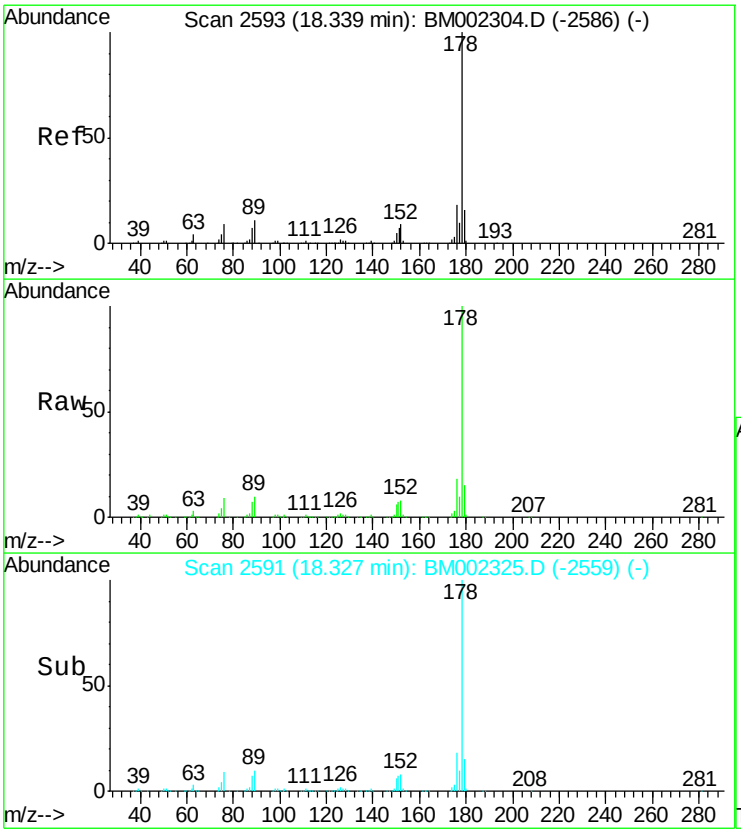
#13
Phenanthrene
Concen: 20.09 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:178 Resp: 1101417

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.3	22.9

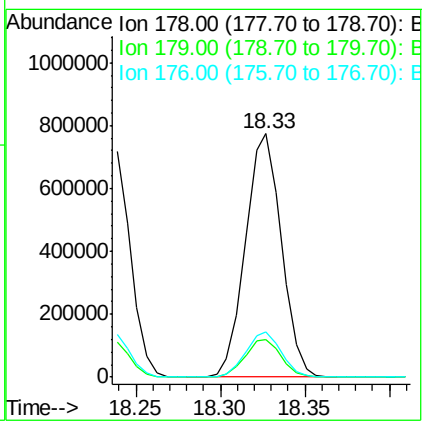


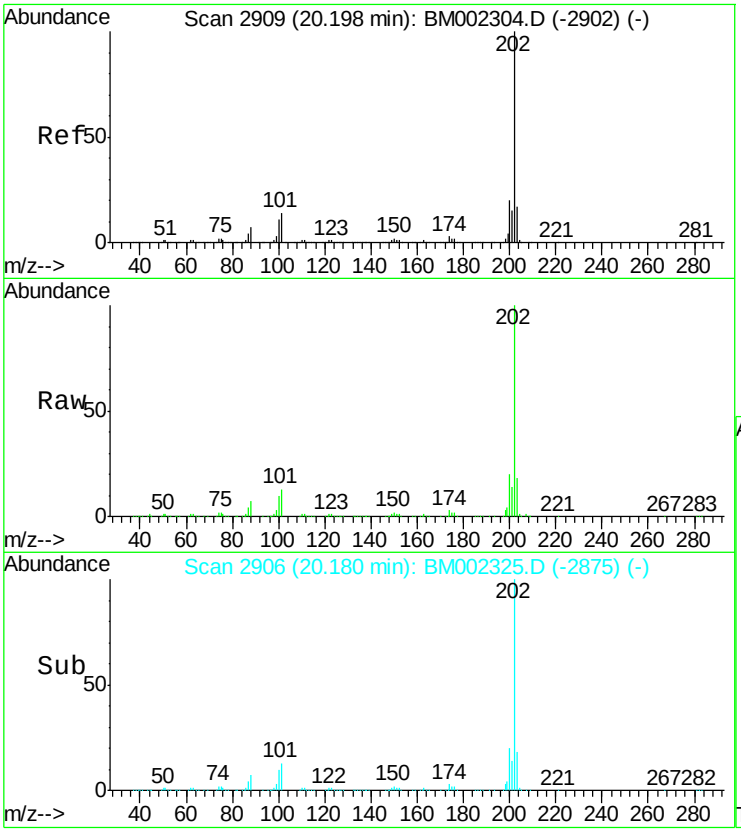


#15
Anthracene
Concen: 20.17 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:178 Resp: 1141959

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.3	14.5	21.7



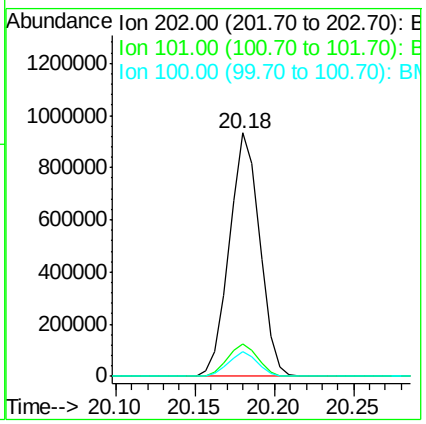


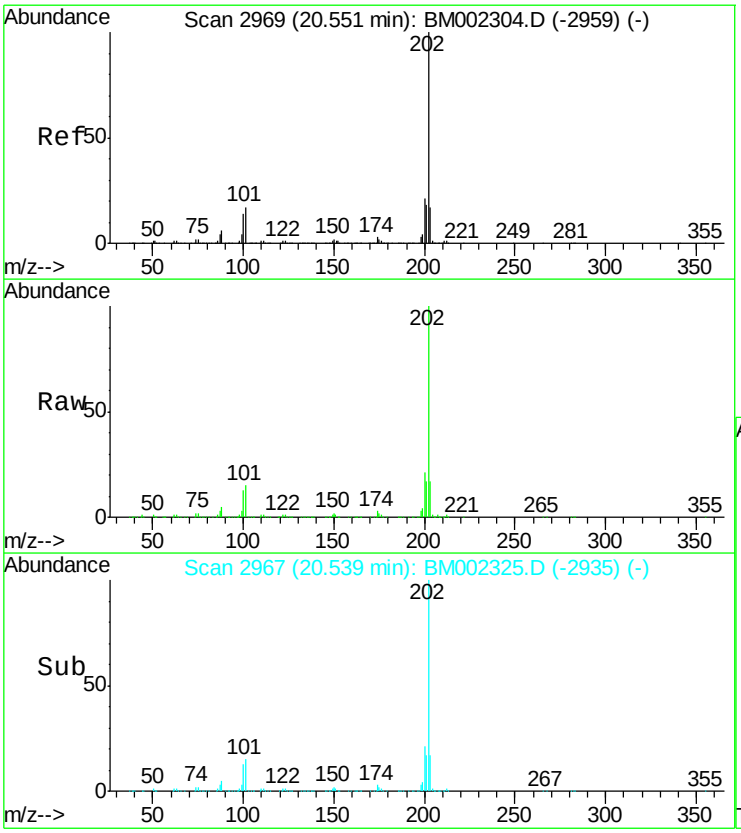
#16
Fluoranthene
Concen: 20.35 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:202 Resp: 1235582

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
100	10.1	8.2	12.4

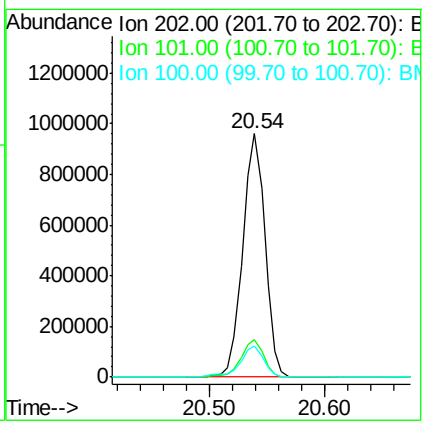


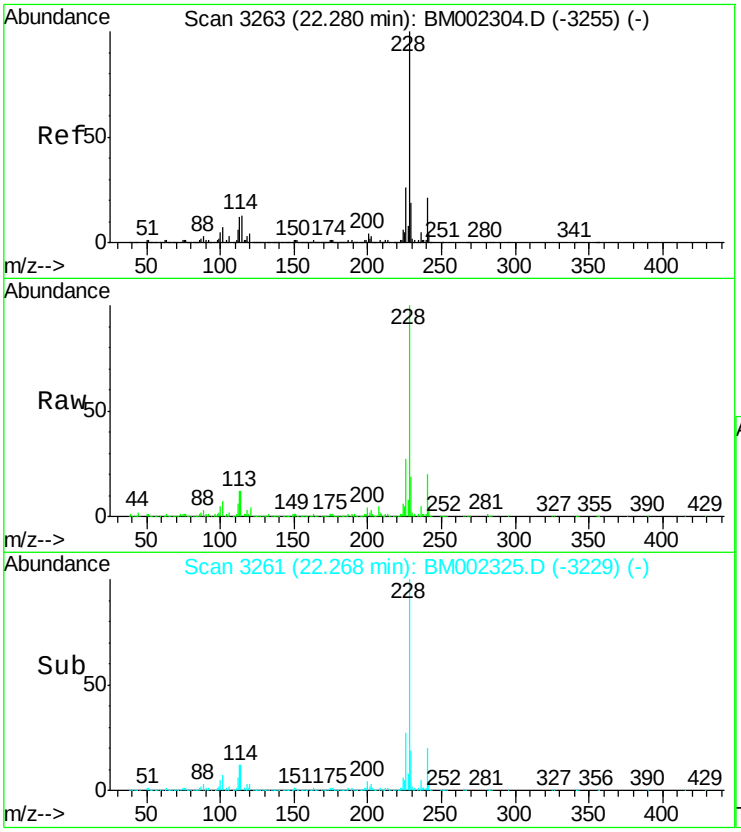


#19
Pyrene
Concen: 20.04 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:202 Resp: 1287402

Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.0	19.6
100	12.6	11.0	16.4



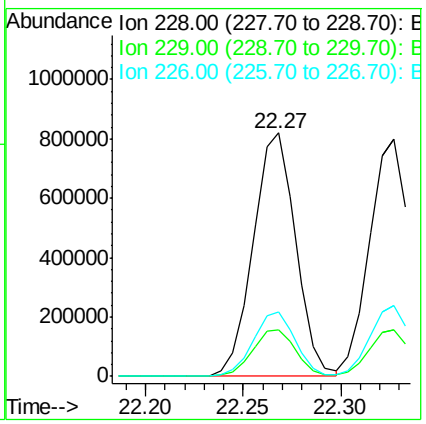


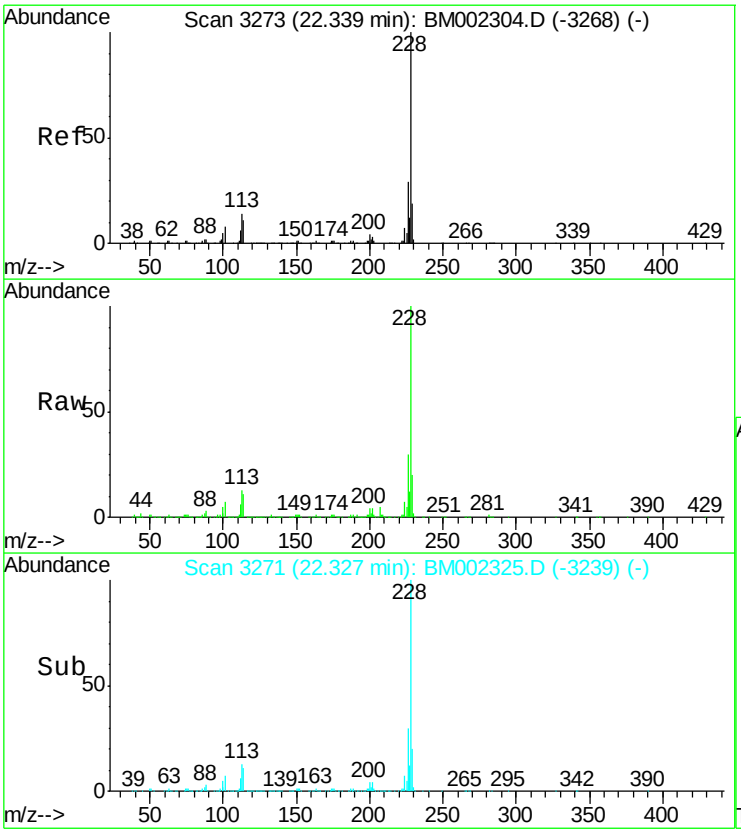
#20
Benzo(a)anthracene
Concen: 20.34 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:228 Resp: 1233993

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	26.6	21.4	32.0

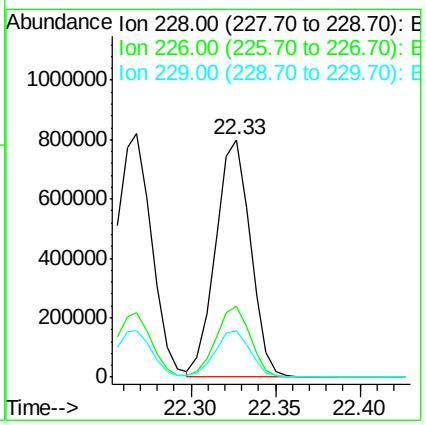


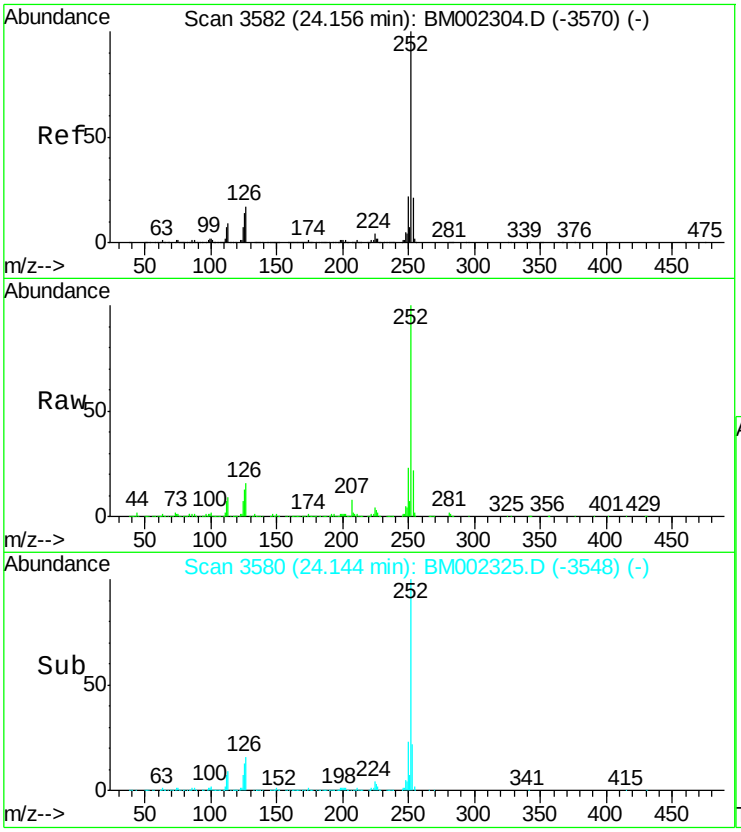


#21
Chrysene
Concen: 19.96 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:228 Resp: 1147716

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.8	15.5	23.3



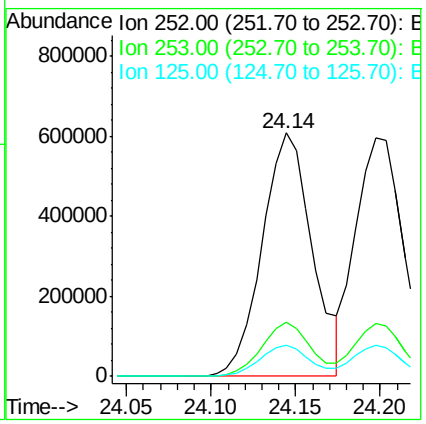


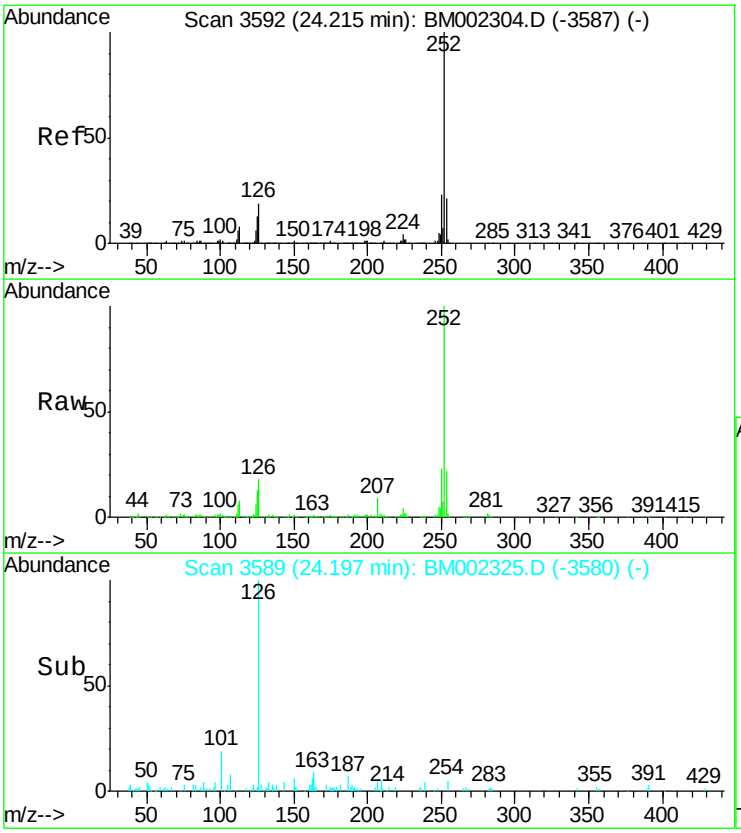
#23
Benzo(b)fluoranthene
Concen: 20.75 ng/ul
RT: 24.14 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:252 Resp: 1251990

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.6	10.3	15.5

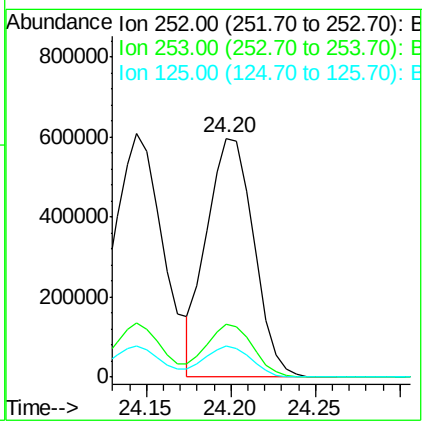


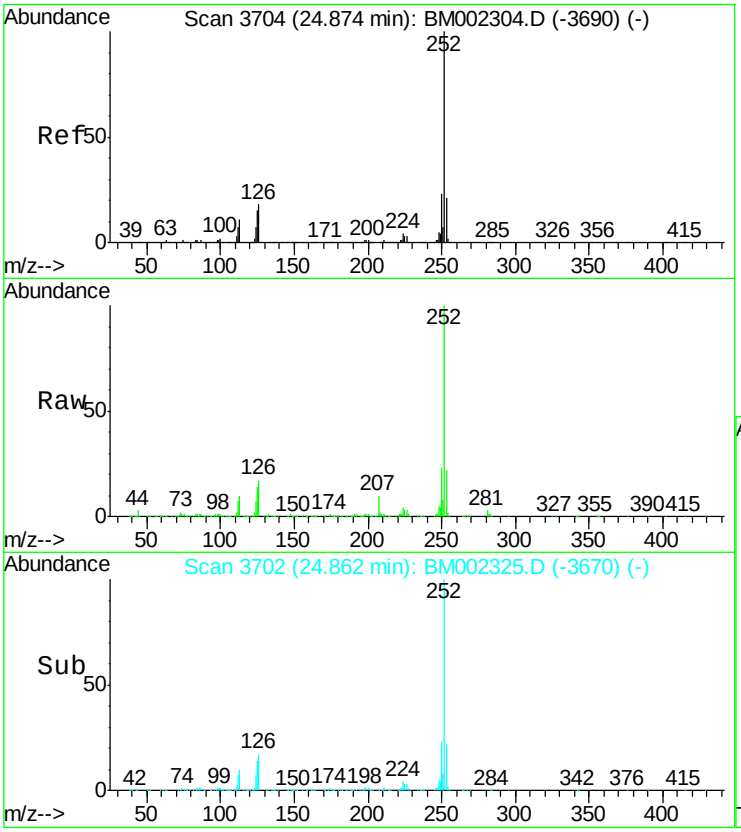


#24
Benzo(k)fluoranthene
Concen: 19.93 ng/ul
RT: 24.20 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:252 Resp: 1154716

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.9	10.2	15.4



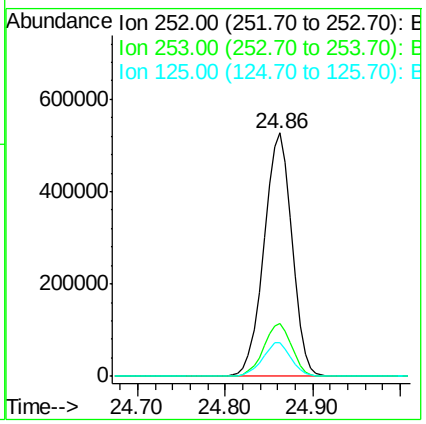


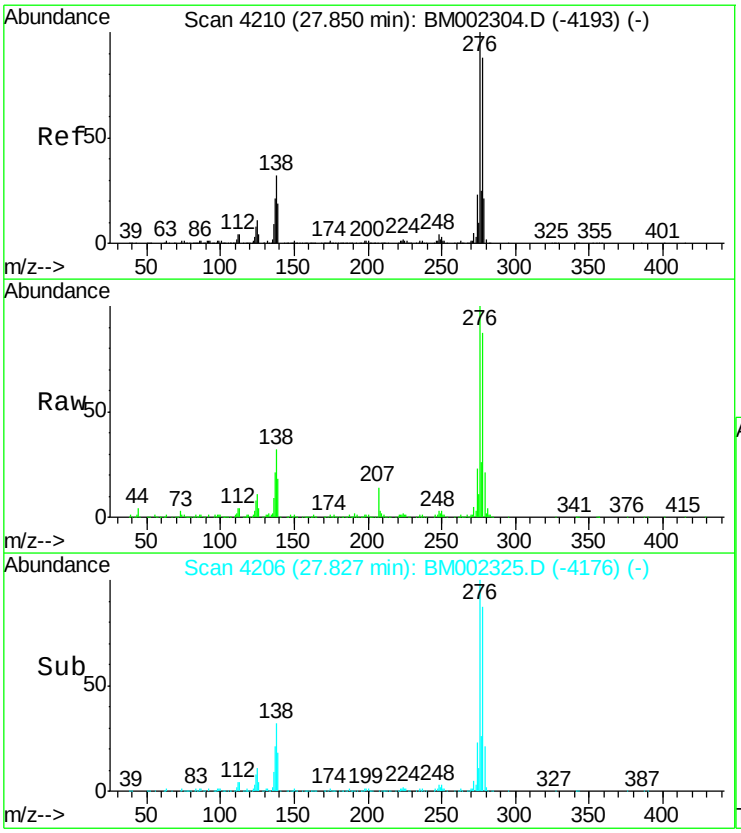
#26
Benzo(a)pyrene
Concen: 20.28 ng/ul
RT: 24.86 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:252 Resp: 1170590

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	14.0	11.0	16.6

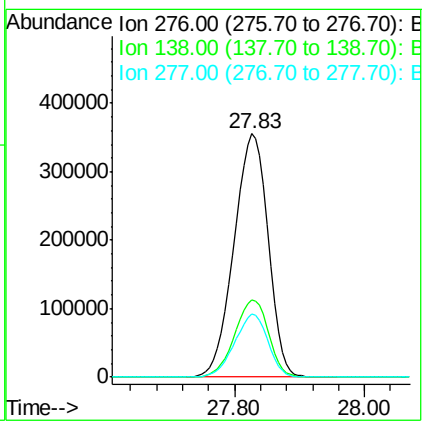


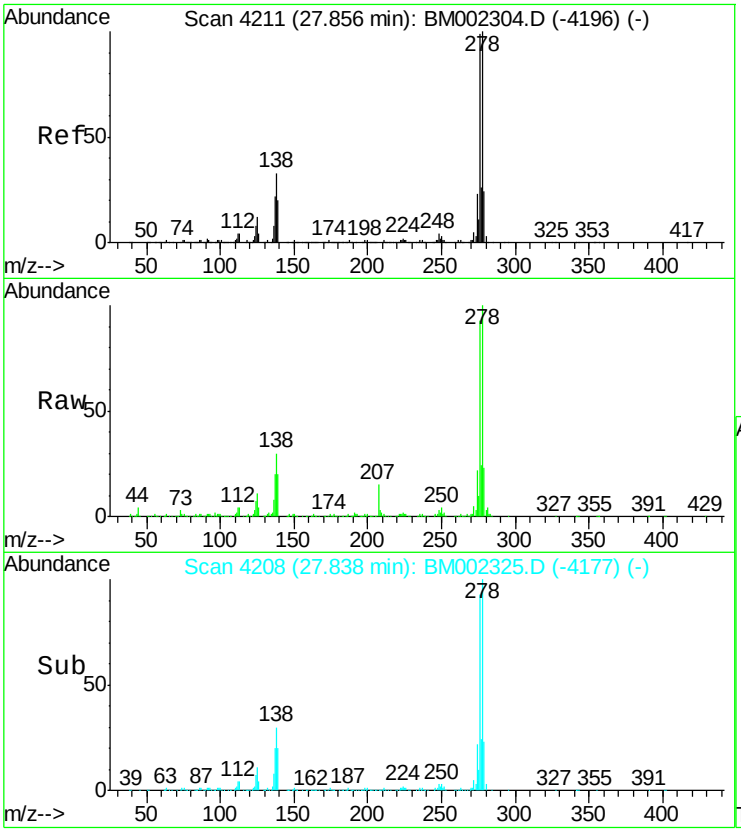


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.56 ng/ul
RT: 27.83 min Scan# 4206
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:276 Resp: 1294441

Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.6	38.4
277	26.1	21.0	31.4



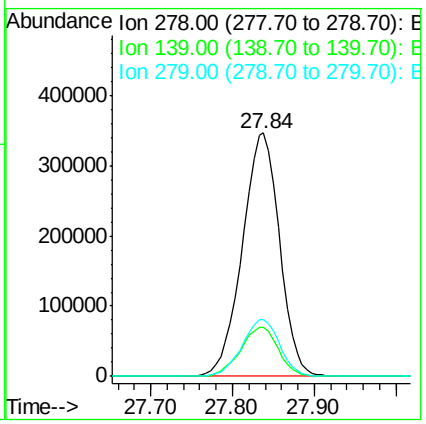


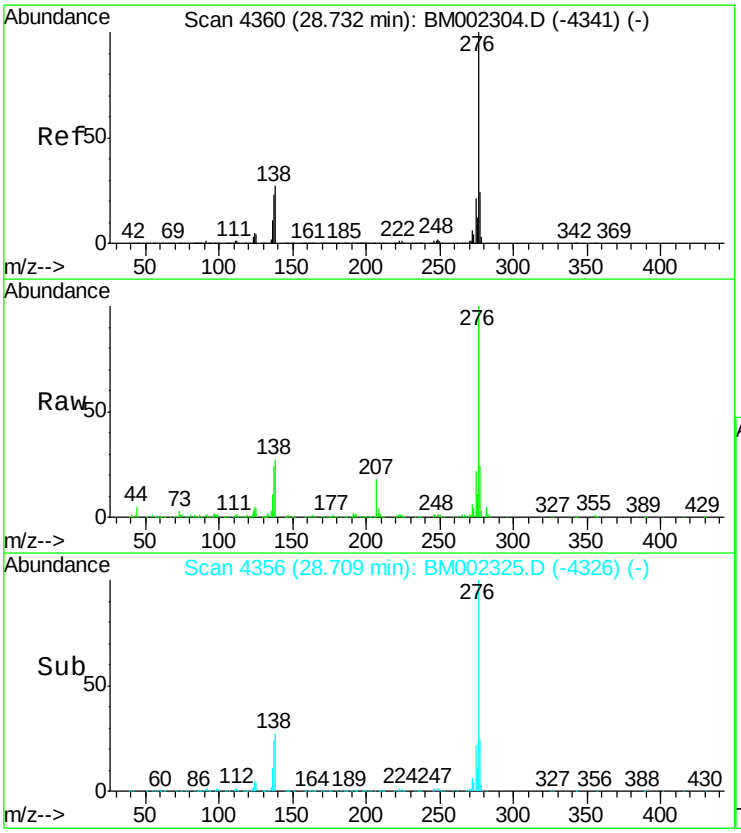
#28
Dibenzo(a,h)anthracene
Concen: 19.57 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:278 Resp: 1096920

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.4	24.6
279	23.3	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 19.09 ng/ul
RT: 28.71 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BM002325.D
Acq: 11 Aug 2015 14:16

Tgt Ion:276 Resp: 1065808

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.5	30.7
277	23.7	19.0	28.6