Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002369.D
Acq On : 12 Aug 2015 20:09
Operator : UM/IZ
Sample : G3163-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C99

Quant Time: Aug 13 00:46:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	204290	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	951744	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	499688	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	869672	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	610982	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	619670	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	978372	18.90	ng/ul	0.00
10) Fluorene-d10	16.46	176	627609	17.43	ng/ul	0.00
14) Anthracene-d10	18.30	188	784746	18.60	ng/ul	0.00
18) Pyrene-d10	20.52	212	620848	20.95	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	572366	17.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.83	128	101233	2.02	ng/ul	98
4) 2-Methylnaphthalene	13.37	142	53728	1.50	ng/ul	95
5) 1-Methylnaphthalene	13.58	142	40140	1.14	ng/ul	97
8) Acenaphthylene	15.22	152	107423	2.00	ng/ul	99
9) Acenaphthene	15.55	153	77517	2.14	ng/ul	95
11) Fluorene	16.52	166	59340	1.46	ng/ul#	97
13) Phenanthrene	18.24	178	719491	14.37	ng/ul	99
15) Anthracene	18.33	178	251088	4.86	ng/ul	99
16) Fluoranthene	20.19	202	1177779	21.25	ng/ul	99
19) Pyrene	20.54	202	959382	24.29	ng/ul	96
20) Benzo(a)anthracene	22.27	228	656251	17.60	ng/ul	98
21) Chrysene	22.33	228	636112	18.00	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	1097641	28.50	ng/ul	98
24) Benzo(k)fluoranthene	24.16	252	297130	8.03	ng/ul	97
26) Benzo(a)pyrene	24.87	252	633883	17.20	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	481880	11.41	ng/ul	95
28) Dibenzo(a,h)anthracene	27.84	278	135815	3.79	ng/ul#	80
29) Benzo(g,h,i)perylene	28.74	276	431794	12.12	ng/ul	96

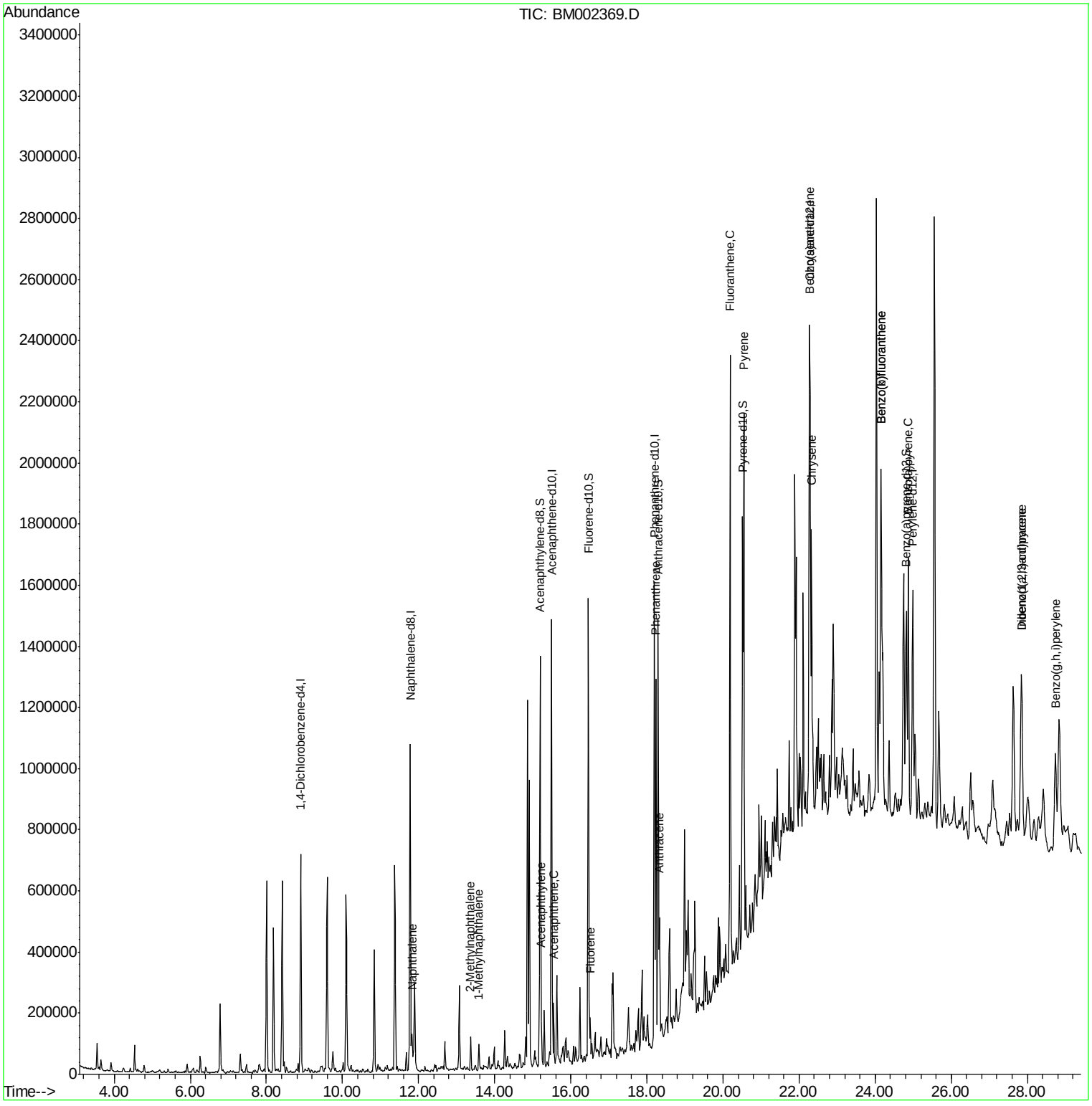
(#) = qualifier out of range (m) = manual integration (+) = signals summed

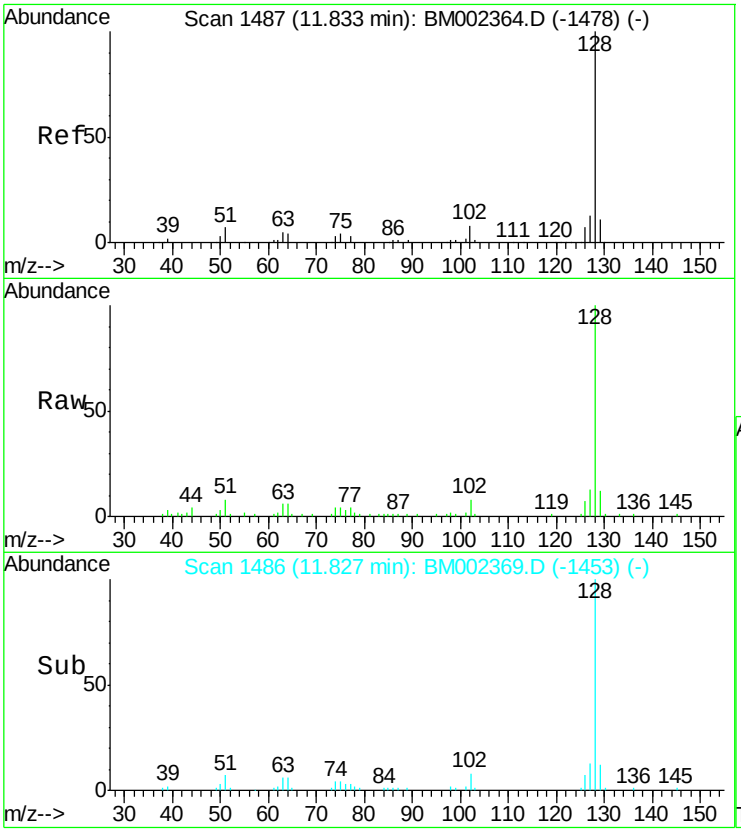
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081215\
Data File : BM002369.D
Acq On : 12 Aug 2015 20:09
Operator : UM/IZ
Sample : G3163-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C99

Quant Time: Aug 13 00:46:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 00:45:03 2015
Response via : Initial Calibration



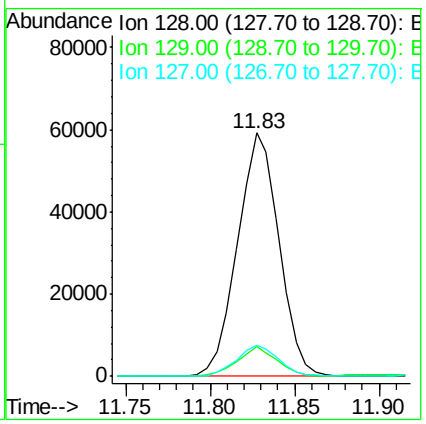


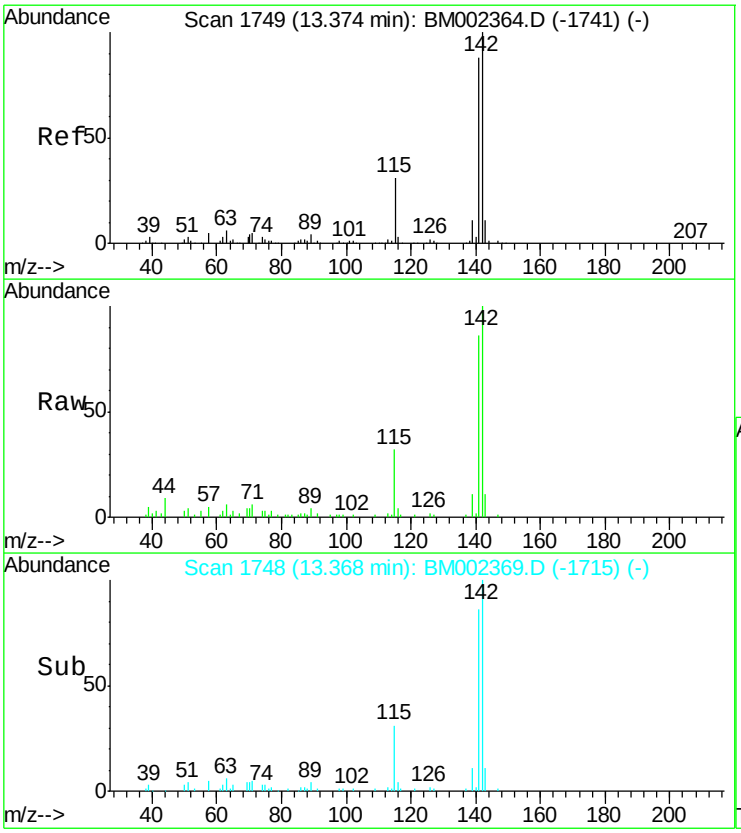
#3
Naphthalene
Concen: 2.02 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:128 Resp: 101233

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	12.6	10.4	15.6

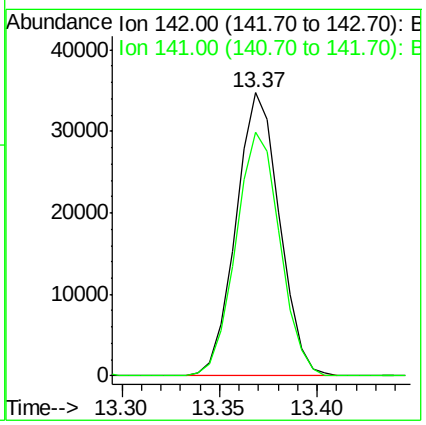


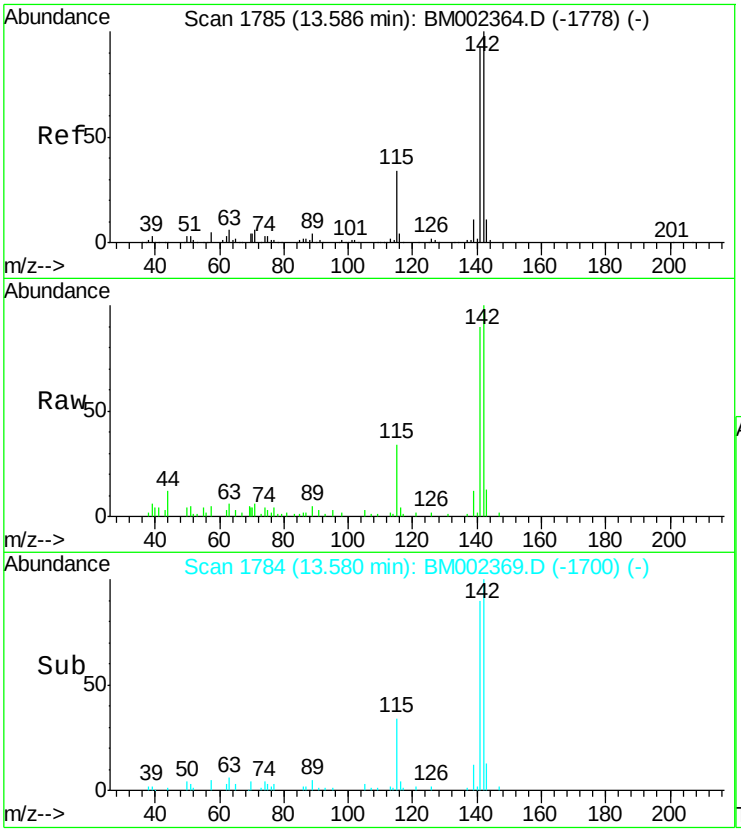


#4
2-Methylnaphthalene
Concen: 1.50 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:142 Resp: 53728

Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.5	108.7



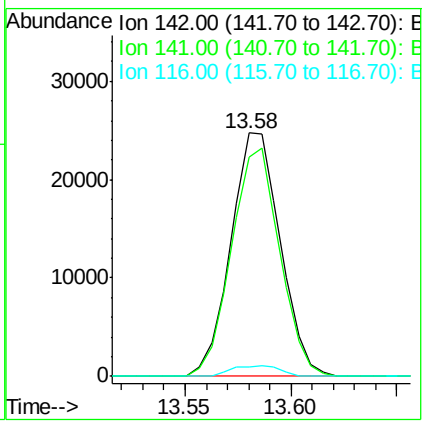


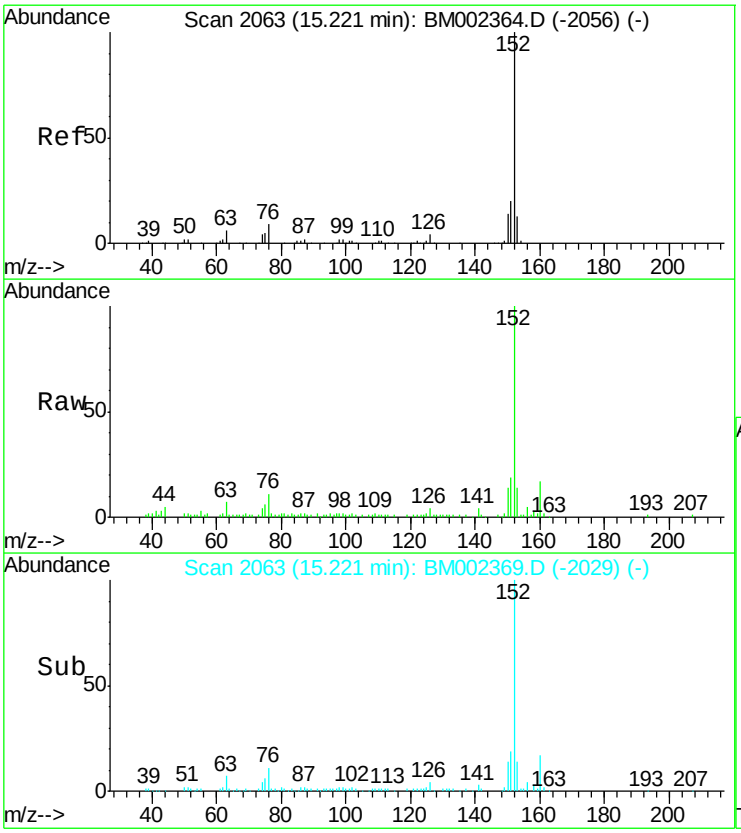
#5
1-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:142 Resp: 40140

Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.5	111.7
116	3.7	3.0	4.4

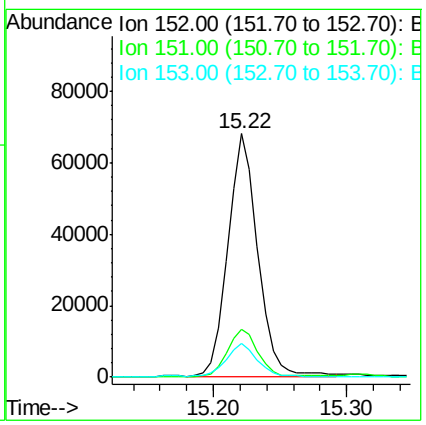


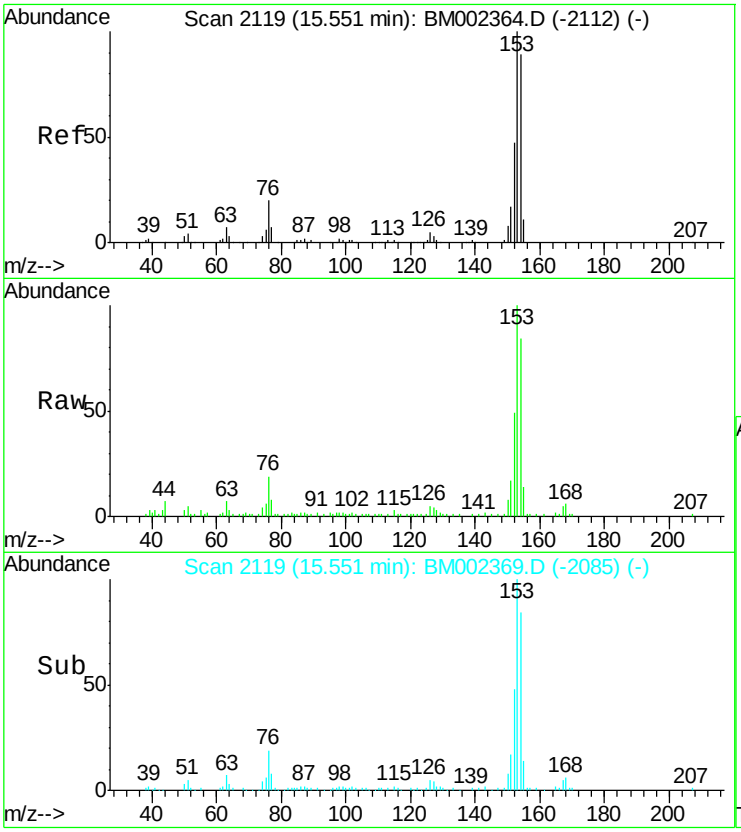


#8
Acenaphthylene
Concen: 2.00 ng/ul
RT: 15.22 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:152 Resp: 107423

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.6	10.6	15.8



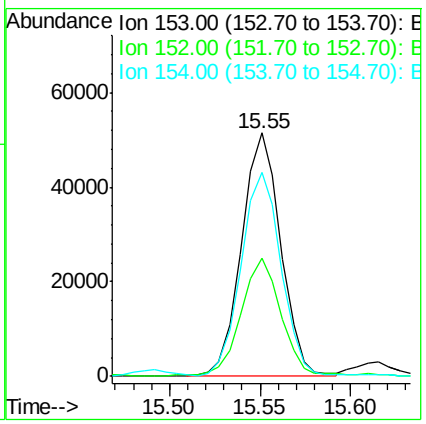


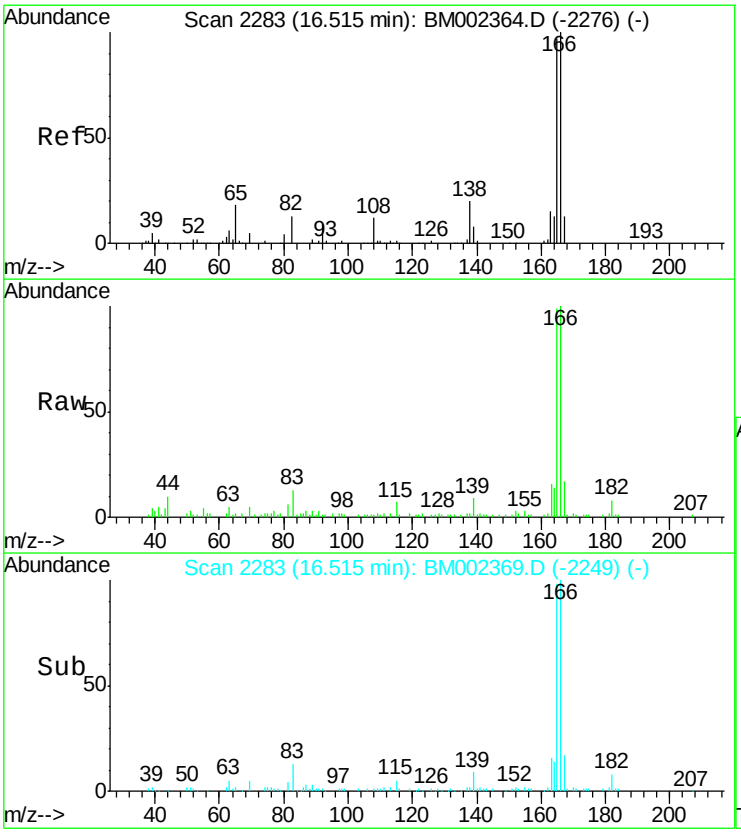
#9
Acenaphthene
Concen: 2.14 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:153 Resp: 77517

Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.6	55.0
154	83.9	71.5	107.3

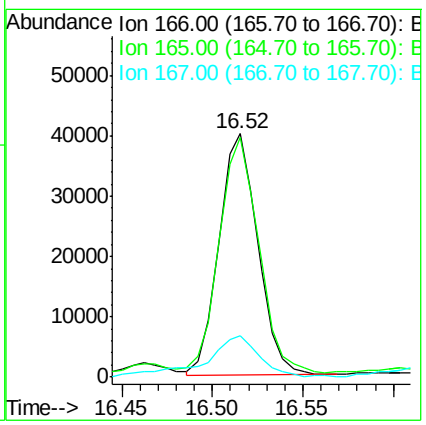


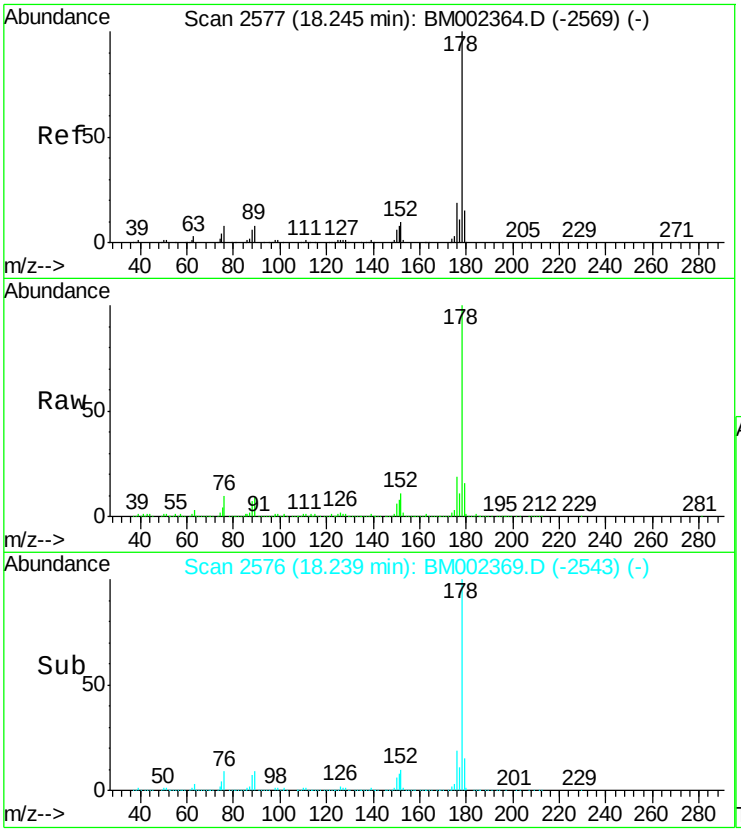


#11
Fluorene
Concen: 1.46 ng/ul
RT: 16.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:166 Resp: 59340

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.5	116.3
167	17.0	10.4	15.6#



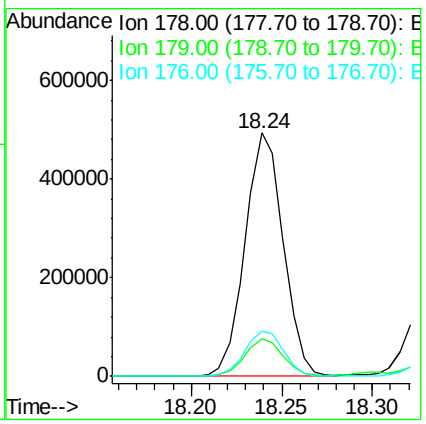


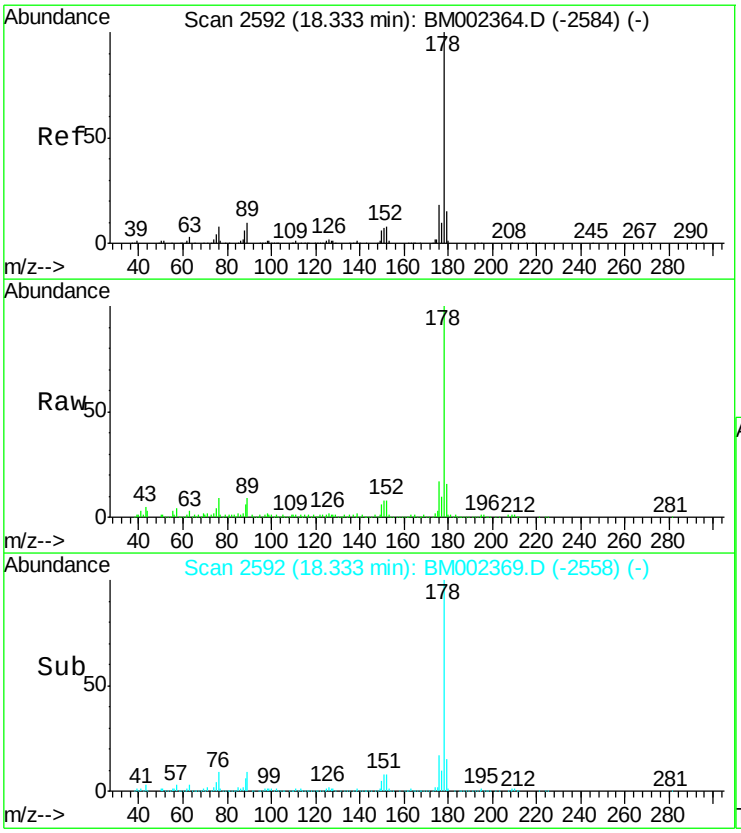
#13
Phenanthrene
Concen: 14.37 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:178 Resp: 719491

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.6	15.3	22.9

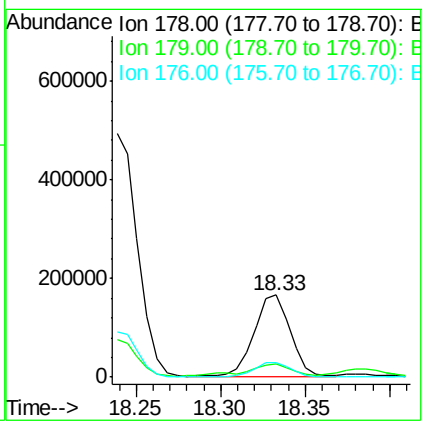


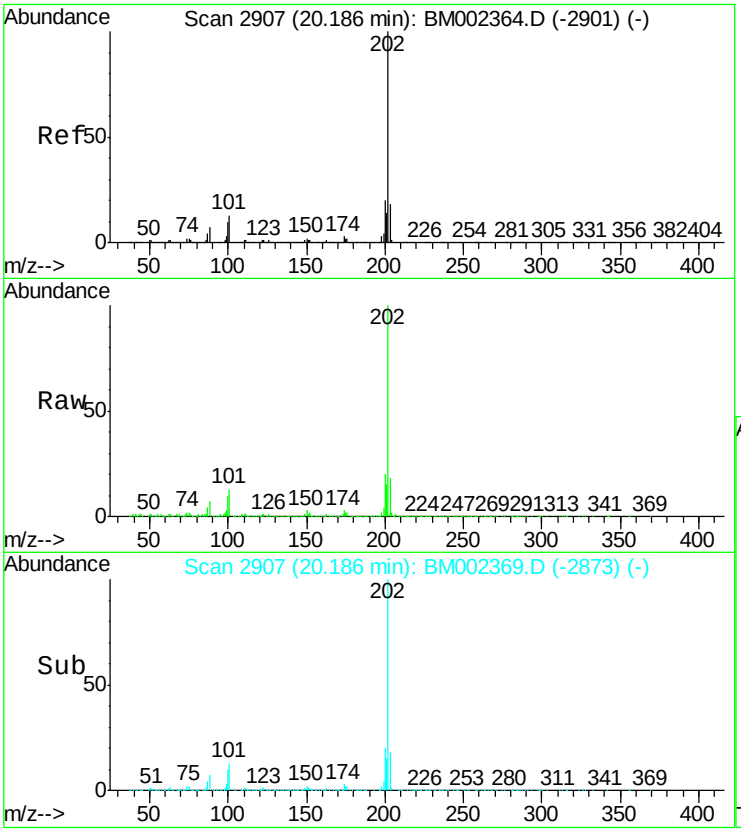


#15
Anthracene
Concen: 4.86 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:178 Resp: 251088

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.5	14.5	21.7



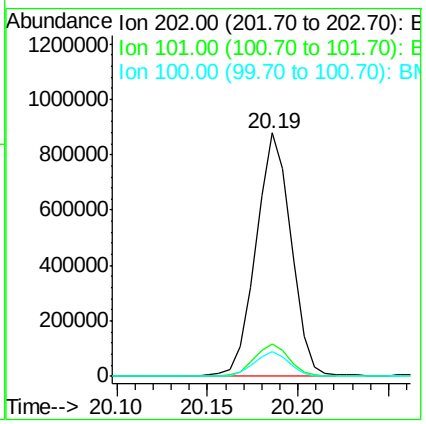


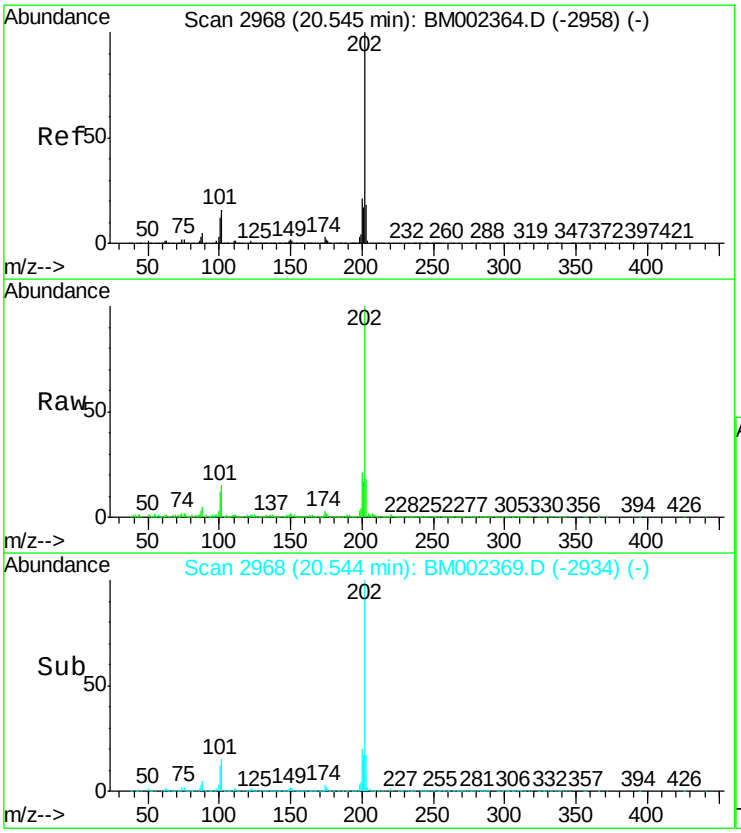
#16
Fluoranthene
Concen: 21.25 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:202 Resp: 1177779

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.1	8.2	12.4

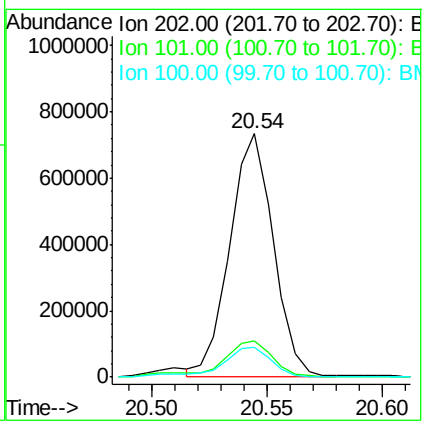


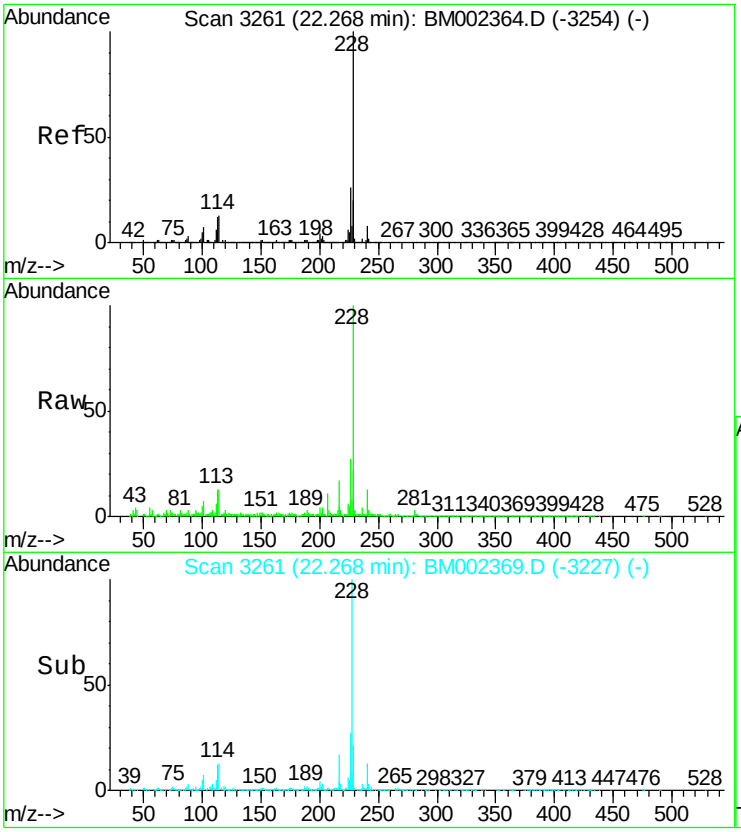


#19
Pyrene
Concen: 24.29 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:202 Resp: 959382

Ion	Ratio	Lower	Upper
202	100		
101	14.9	13.0	19.6
100	12.2	11.0	16.4



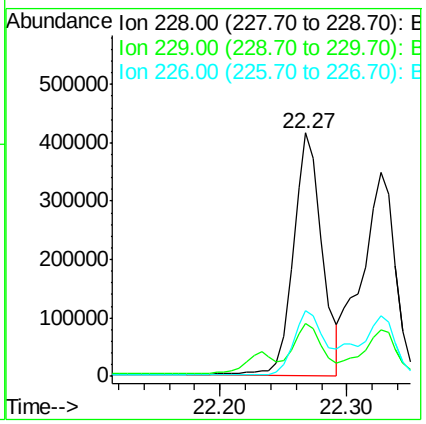


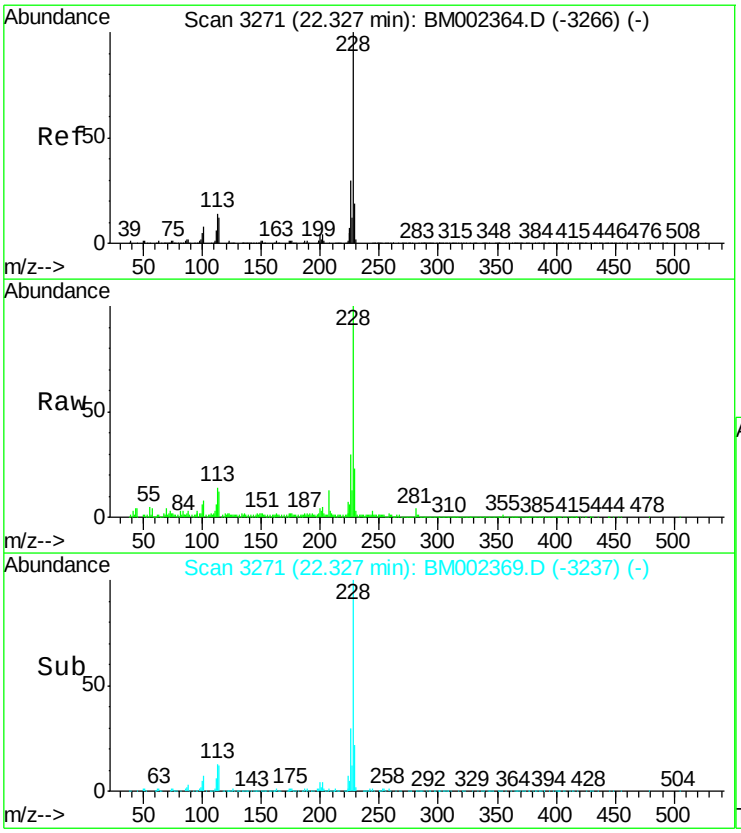
#20
Benzo(a)anthracene
Concen: 17.60 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:228 Resp: 656251

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	27.2	21.4	32.0

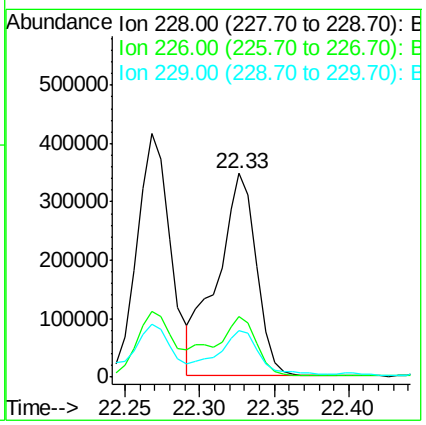


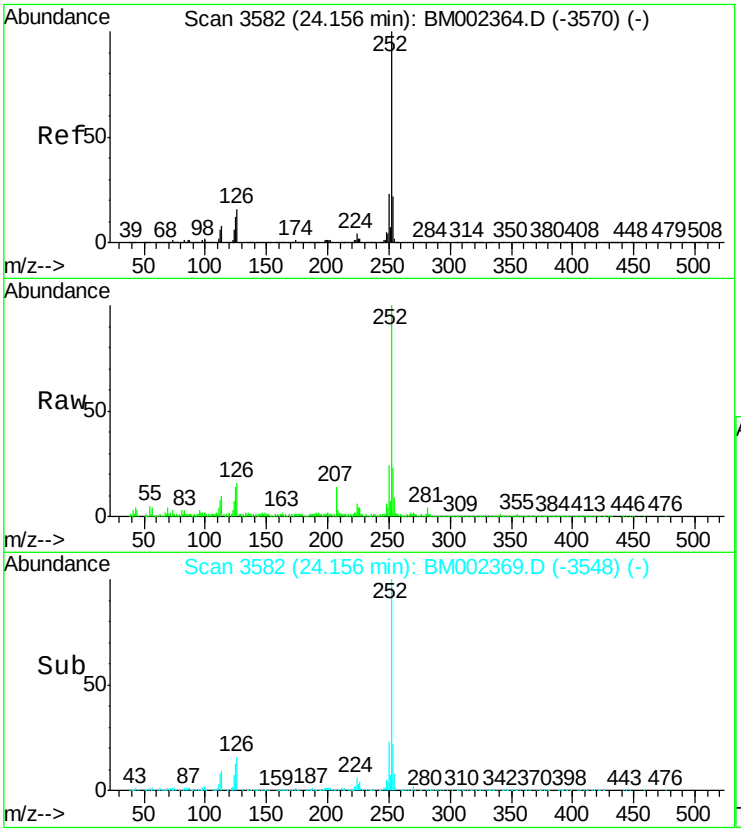


#21
Chrysene
Concen: 18.00 ng/ul
RT: 22.33 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:228 Resp: 636112

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	23.1	15.5	23.3



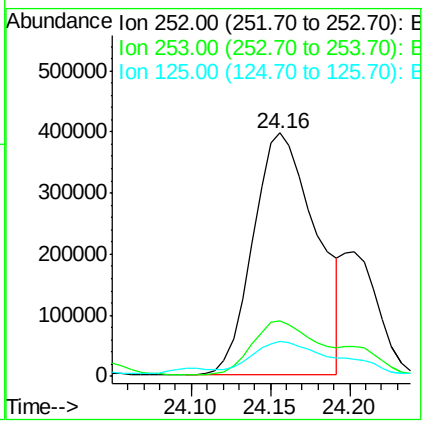


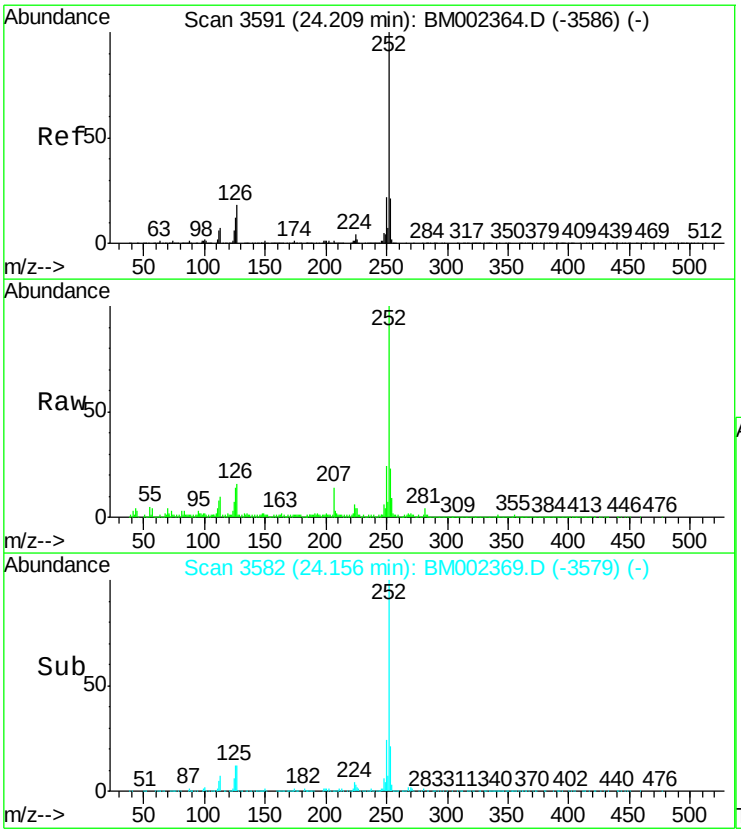
#23
Benzo(b)fluoranthene
Concen: 28.50 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:252 Resp: 1097641

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.2	10.3	15.5

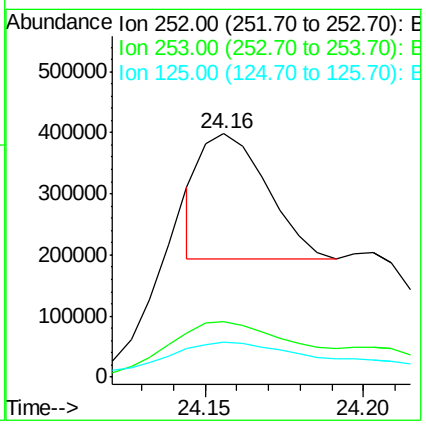


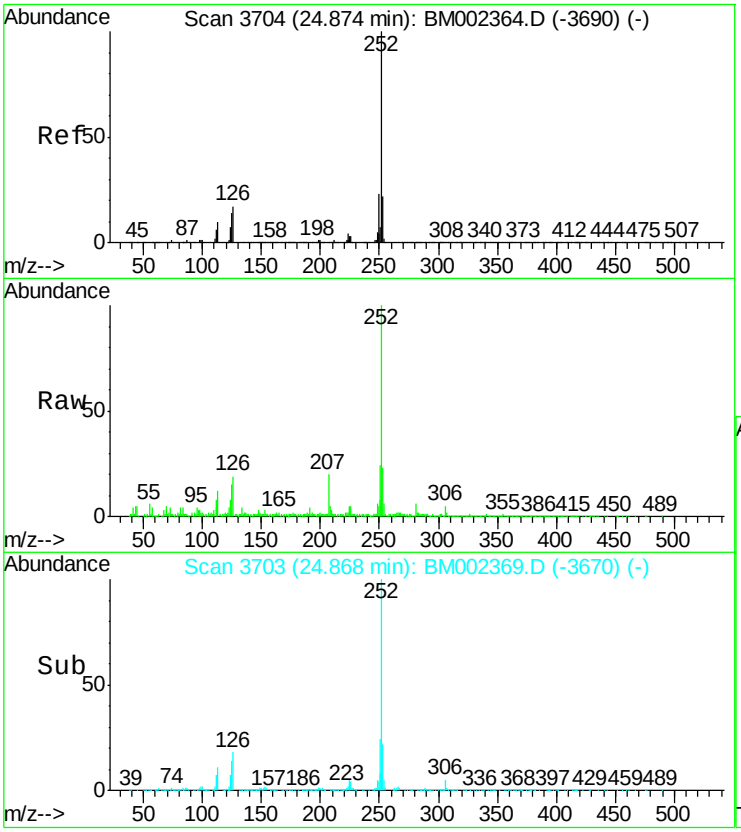


#24
Benzo(k)fluoranthene
Concen: 8.03 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.05 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:252 Resp: 297130

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	14.2	10.2	15.4



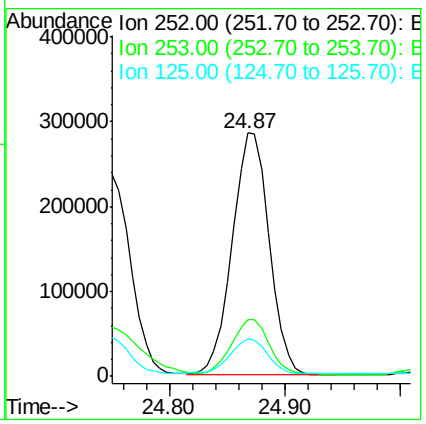


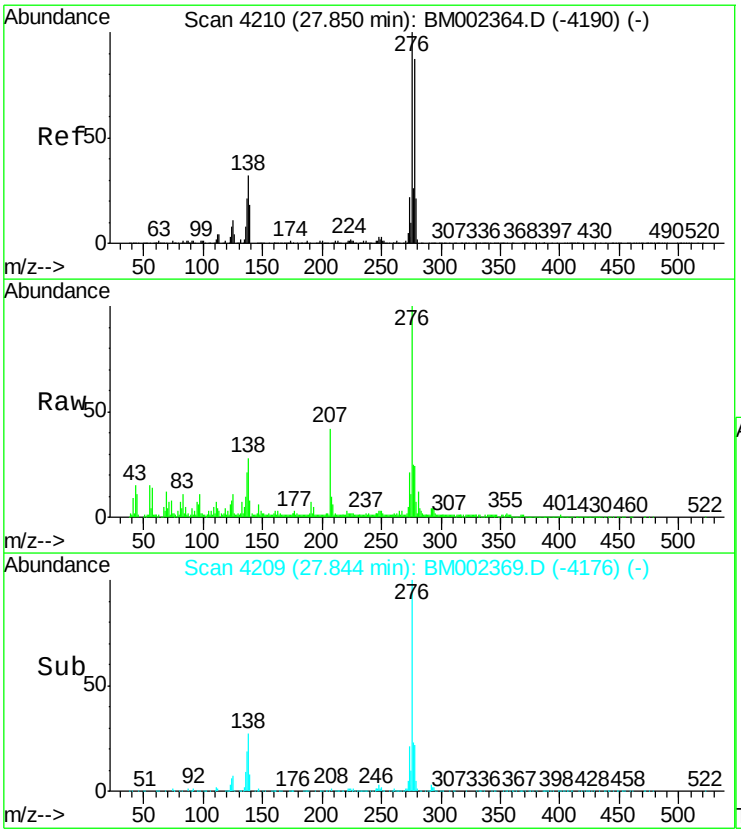
#26
Benzo(a)pyrene
Concen: 17.20 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:252 Resp: 633883

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	15.2	11.0	16.6

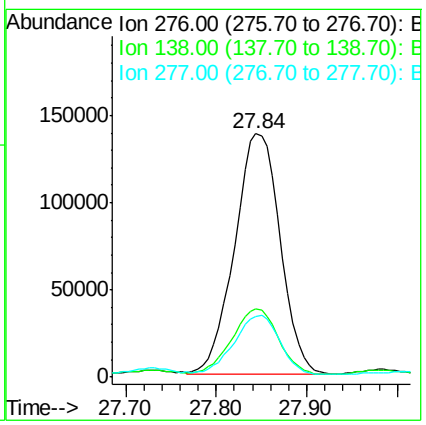


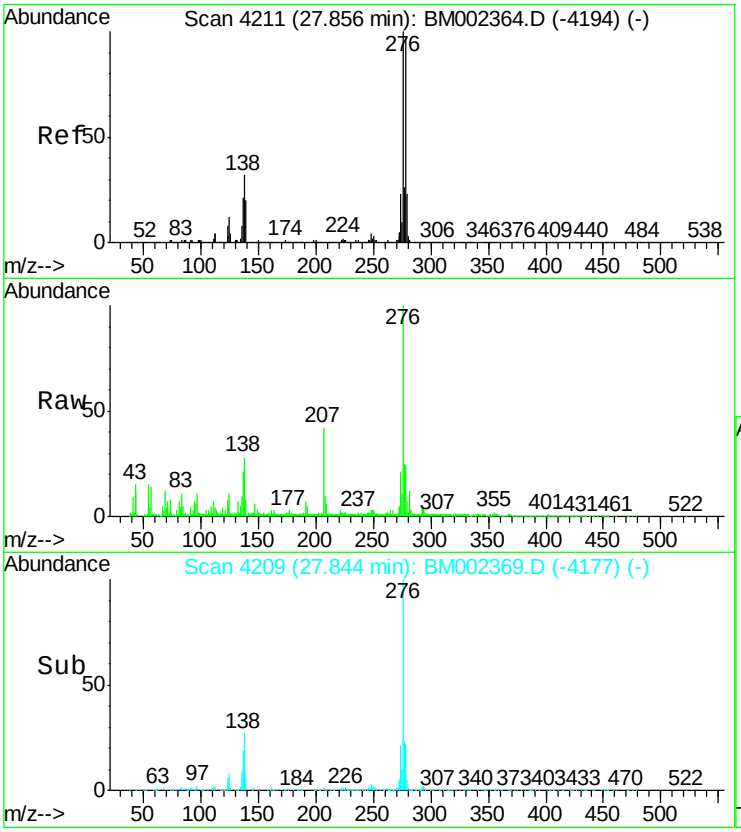


#27
Indeno(1,2,3-cd)pyrene
Concen: 11.41 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:276 Resp: 481880

Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
277	24.8	21.0	31.4



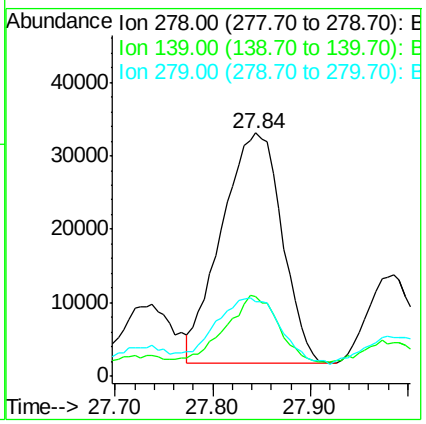


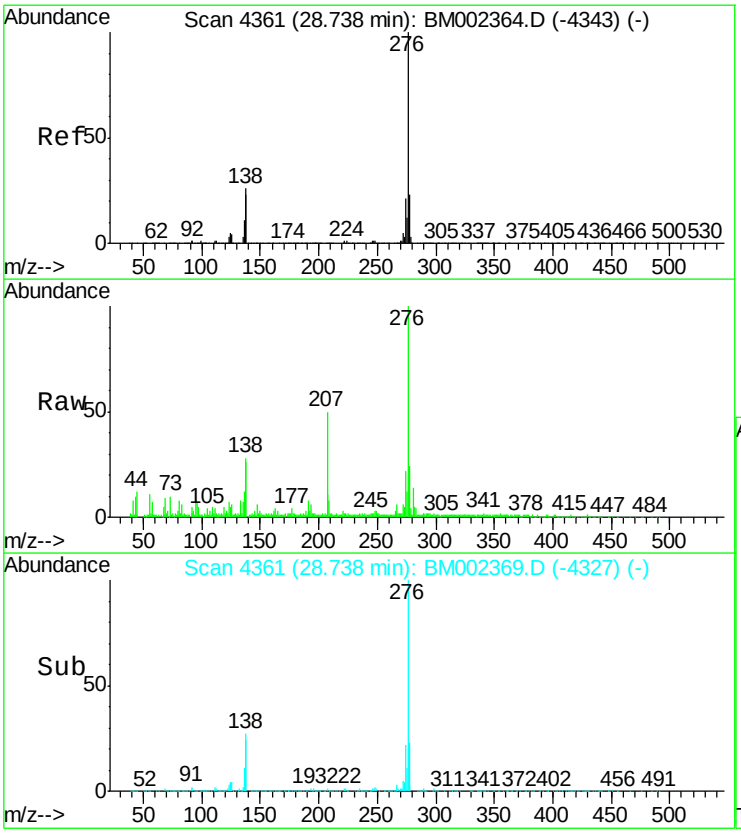
#28
Dibenzo(a,h)anthracene
Concen: 3.79 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Instrument :
BNA_M
ClientSampleId :
D9C99

Tgt Ion:278 Resp: 135815

Ion	Ratio	Lower	Upper
278	100		
139	32.6	16.4	24.6#
279	30.9	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 12.12 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BM002369.D
Acq: 12 Aug 2015 20:09

Tgt Ion:276 Resp: 431794

Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	24.5	19.0	28.6