Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002366.D
Acq On : 12 Aug 2015 18:19
Operator : UM/IZ
Sample : G3163-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C97MS

Quant Time: Aug 12 18:59:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	206984	20.00	ng/ul	0.00
2) Naphthalene-d8	11.78	136	954019	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	517493	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	912778	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	632858	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	627203	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	1433160	26.73	ng/ul	0.00
10) Fluorene-d10	16.46	176	923528	24.77	ng/ul	0.00
14) Anthracene-d10	18.30	188	1180143	26.64	ng/ul	0.00
18) Pyrene-d10	20.52	212	948054	30.89	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	880006	26.42	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.83	128	62841	1.25	ng/ul	100
4) 2-Methylnaphthalene	13.37	142	38495	1.07	ng/ul	97
8) Acenaphthylene	15.22	152	129255	2.32	ng/ul	99
9) Acenaphthene	15.55	153	828655	22.13	ng/ul	99
13) Phenanthrene	18.24	178	304116	5.79	ng/ul	100
15) Anthracene	18.33	178	165699	3.05	ng/ul	99
16) Fluoranthene	20.19	202	673317	11.58	ng/ul	100
19) Pyrene	20.54	202	1686084	41.21	ng/ul	99
20) Benzo(a)anthracene	22.27	228	457975	11.85	ng/ul	98
21) Chrysene	22.27	228	454550	12.42	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	845651	21.69	ng/ul	97
26) Benzo(a)pyrene	24.87	252	497205	13.33	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.85	276	347612	8.13	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	99961	2.76	ng/ul#	76
29) Benzo(g,h,i)perylene	28.74	276	302175	8.38	ng/ul	96

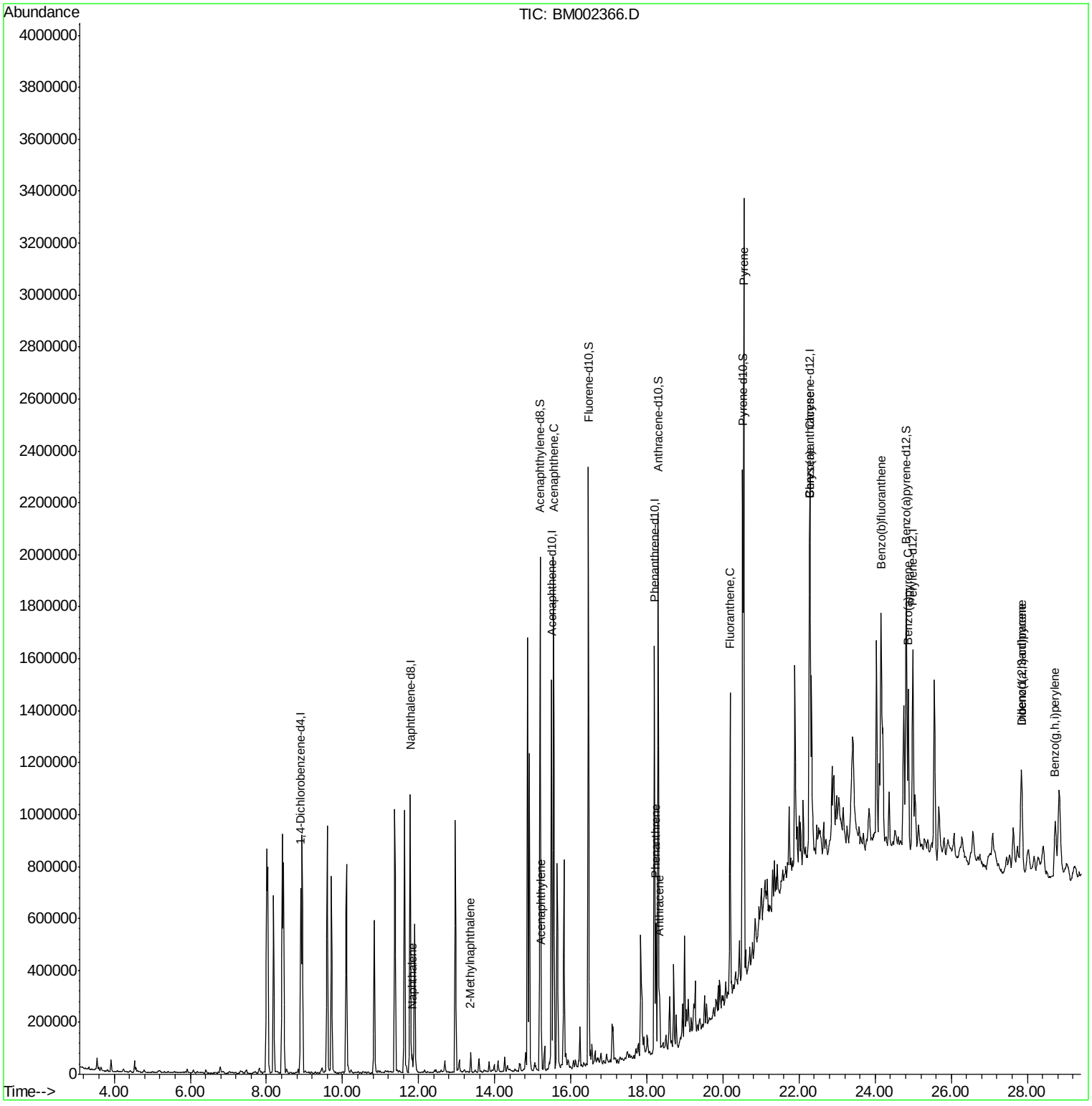
(#) = qualifier out of range (m) = manual integration (+) = signals summed

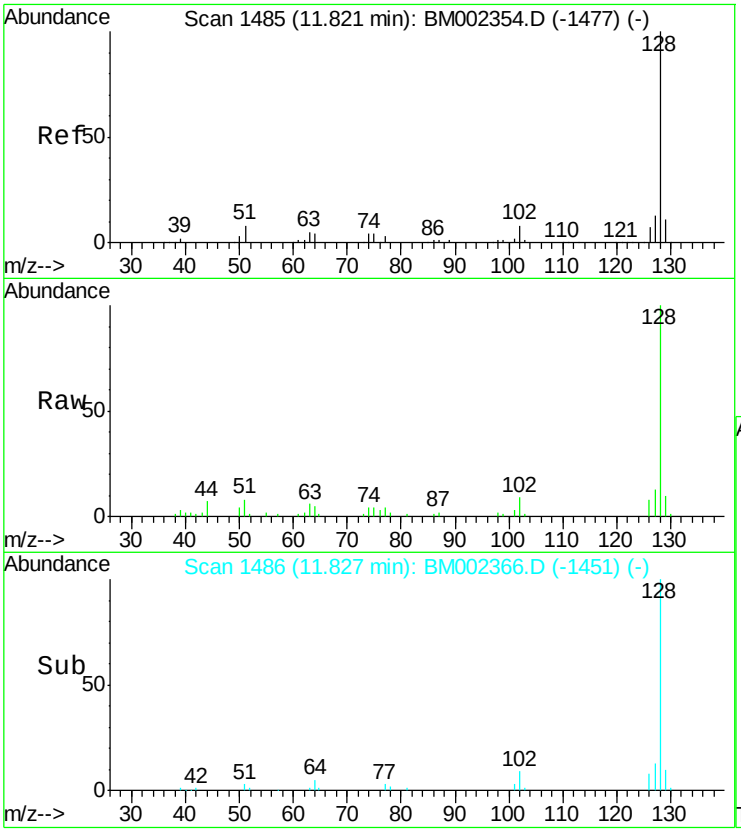
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081215\
Data File : BM002366.D
Acq On : 12 Aug 2015 18:19
Operator : UM/IZ
Sample : G3163-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Quant Time: Aug 12 18:59:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 17:25:11 2015
Response via : Initial Calibration



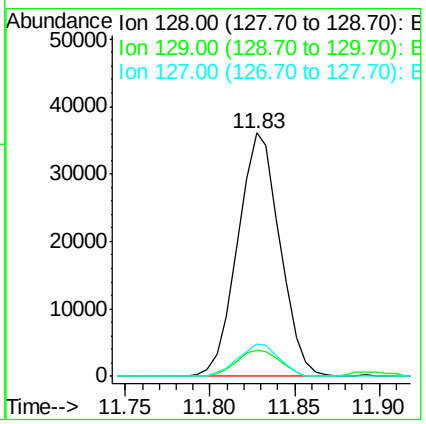


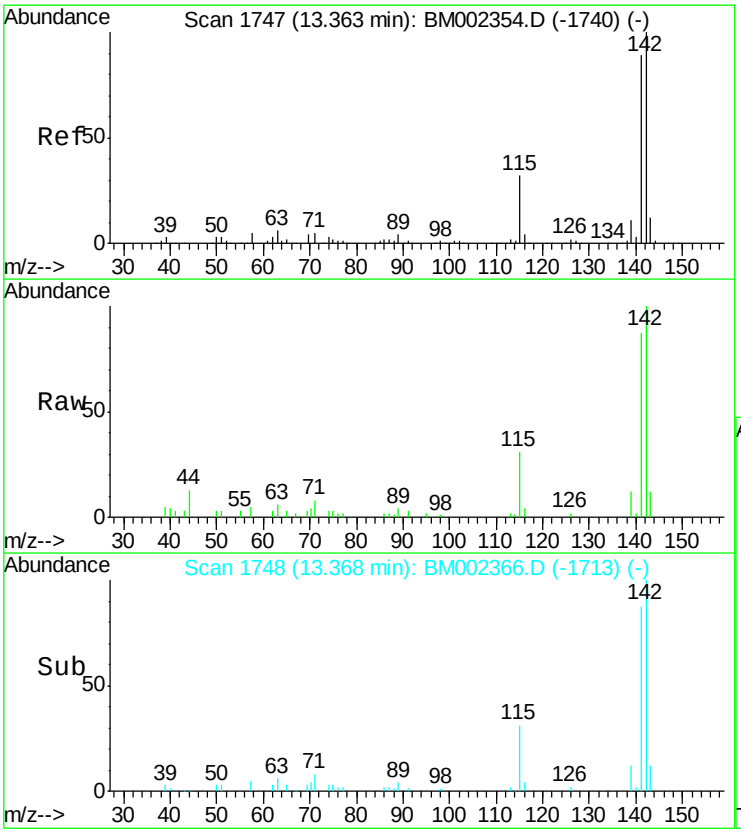
#3
Naphthalene
Concen: 1.25 ng/ul
RT: 11.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:128 Resp: 62841

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.1	10.4	15.6

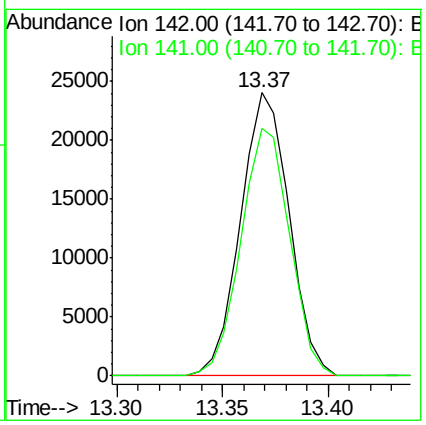


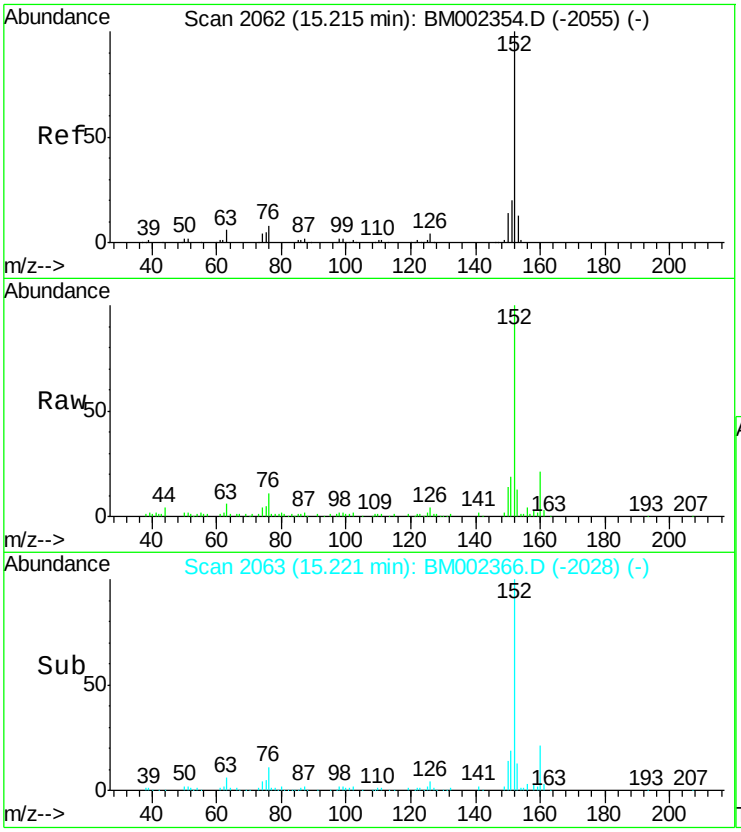


#4
2-Methylnaphthalene
Concen: 1.07 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:142 Resp: 38495

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.5	108.7



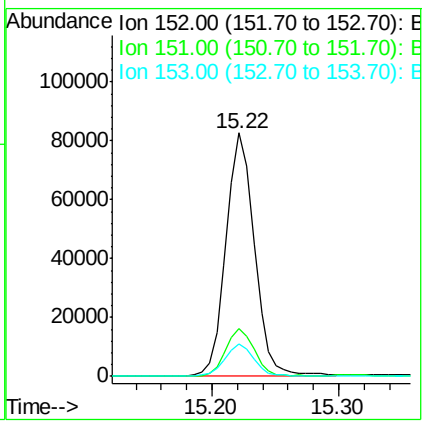


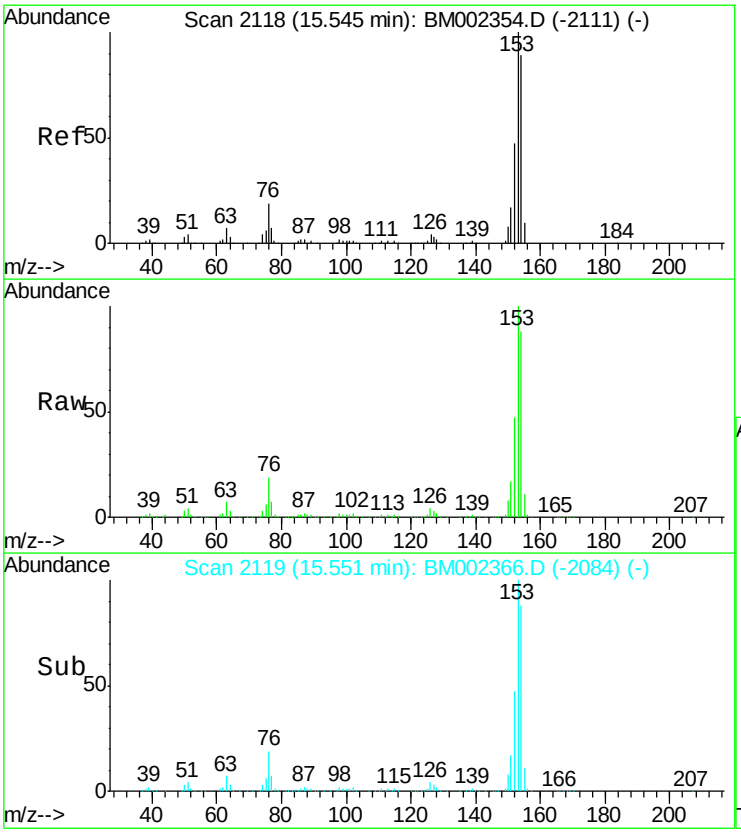
#8
Acenaphthylene
Concen: 2.32 ng/ul
RT: 15.22 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:152 Resp: 129255

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.2	10.6	15.8

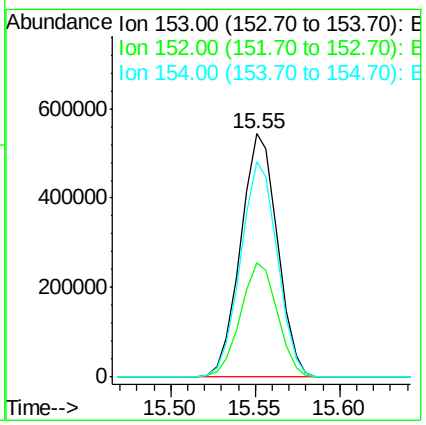


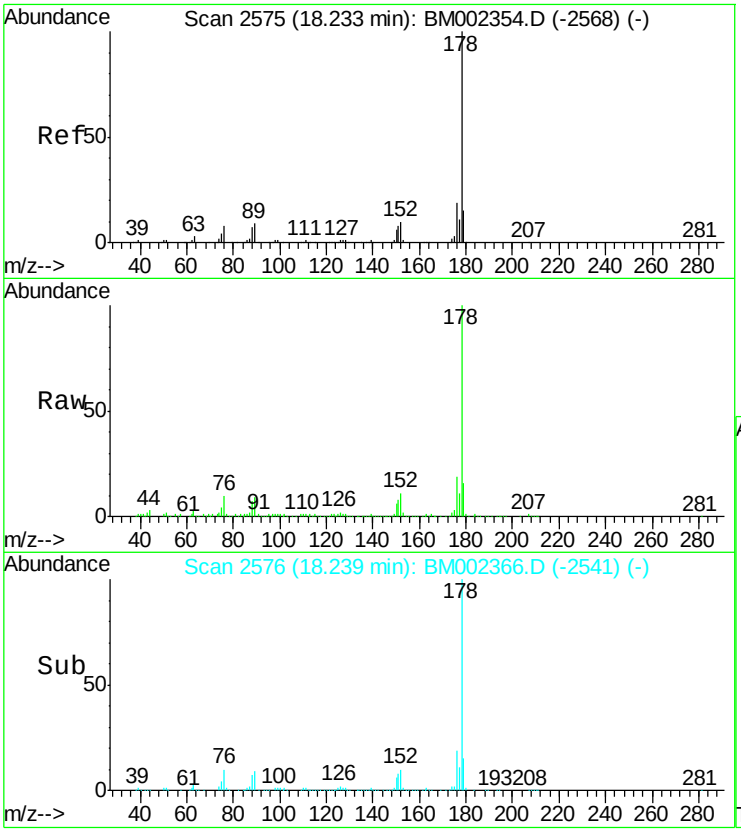


#9
Acenaphthene
Concen: 22.13 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:153 Resp: 828655

Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.6	55.0
154	88.4	71.5	107.3



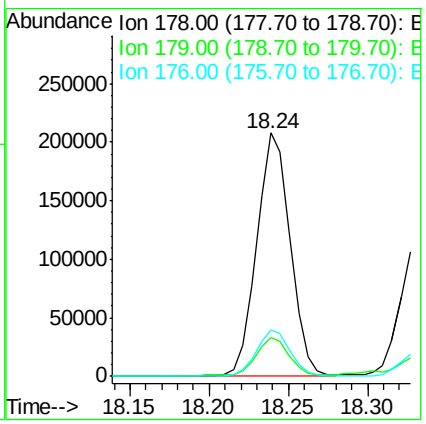


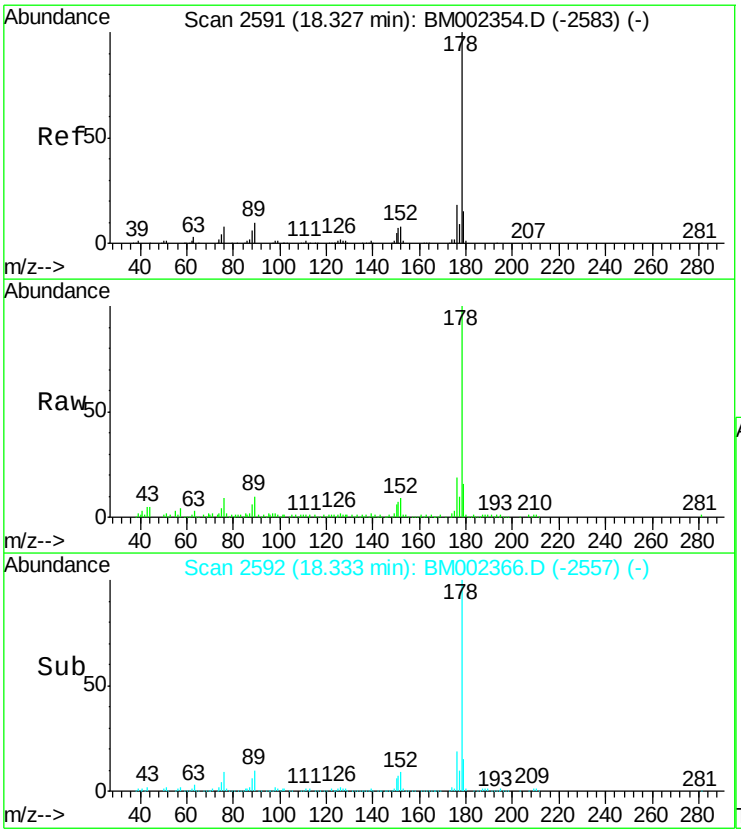
#13
Phenanthrene
Concen: 5.79 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:178 Resp: 304116

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	15.3	22.9

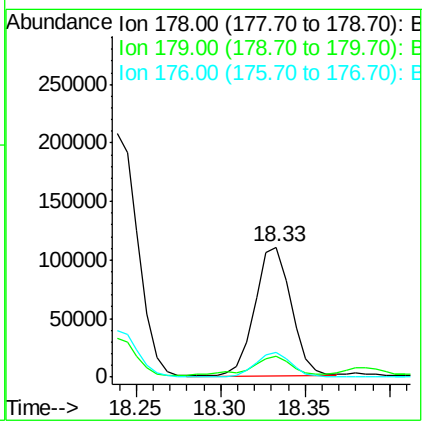


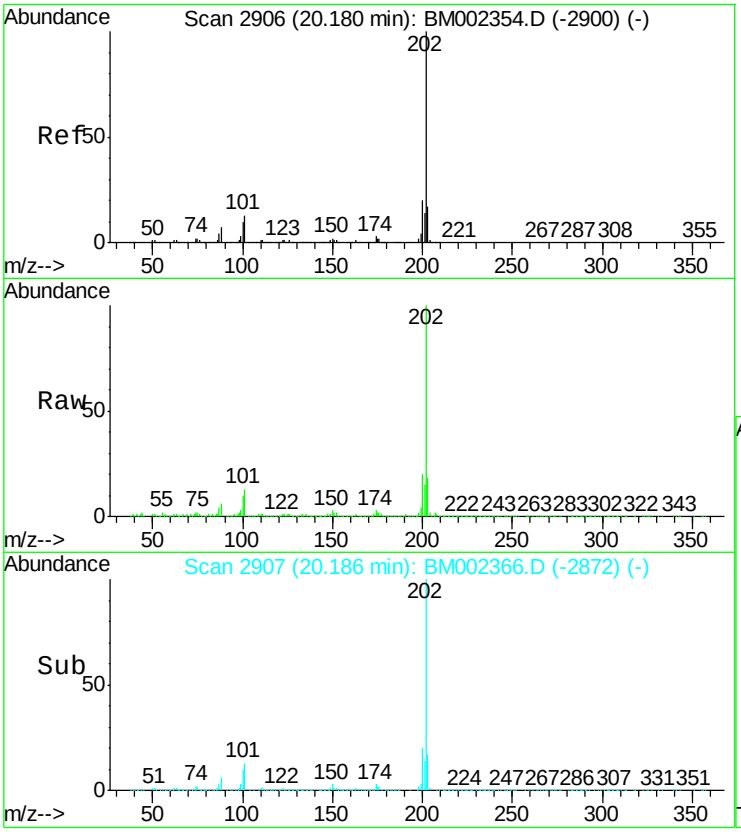


#15
Anthracene
Concen: 3.05 ng/ul
RT: 18.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:178 Resp: 165699

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.8	14.5	21.7



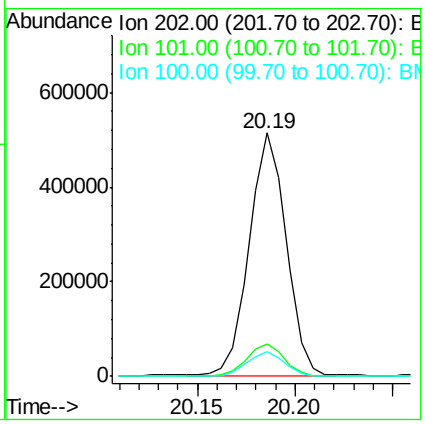


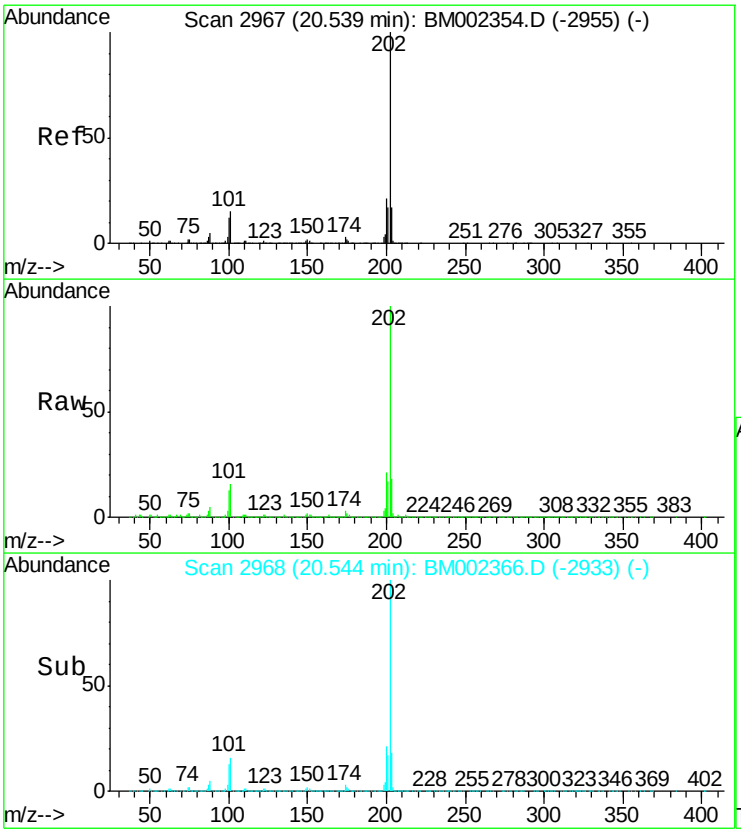
#16
Fluoranthene
Concen: 11.58 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:202 Resp: 673317

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.0	8.2	12.4

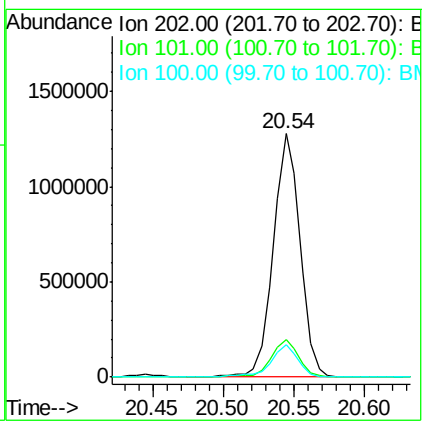


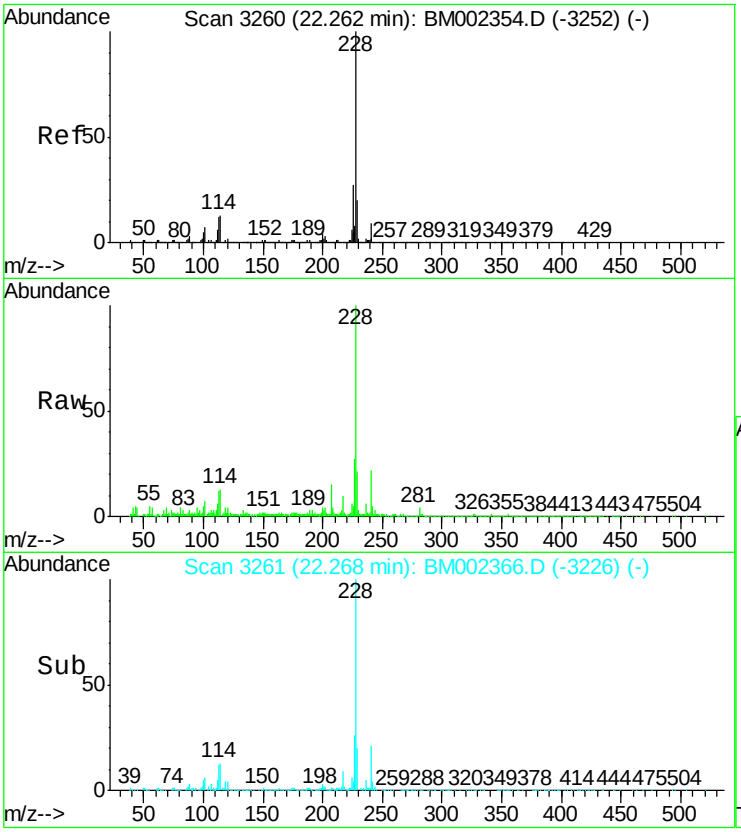


#19
Pyrene
Concen: 41.21 ng/ul
RT: 20.54 min Scan# 2968
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:202 Resp: 1686084

Ion	Ratio	Lower	Upper
202	100		
101	15.6	13.0	19.6
100	13.2	11.0	16.4



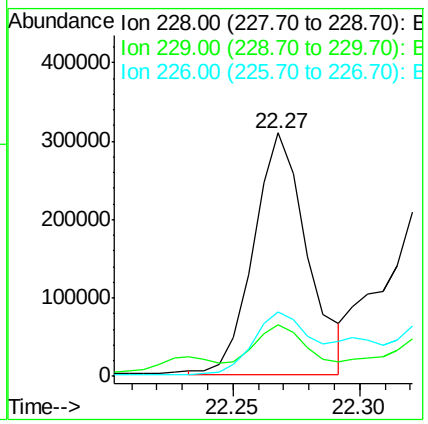


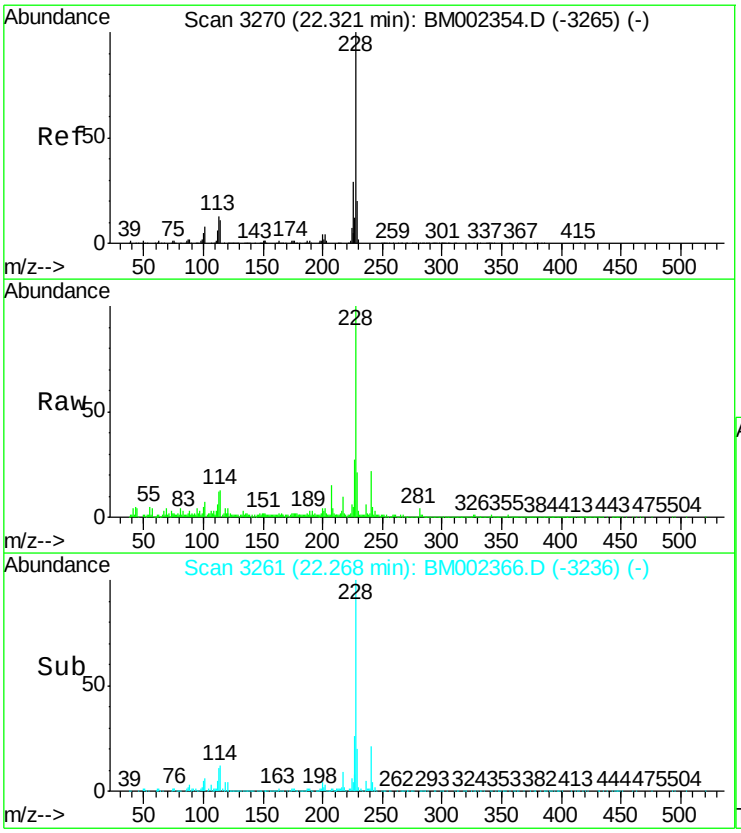
#20
Benzo(a)anthracene
Concen: 11.85 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:228 Resp: 457975

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

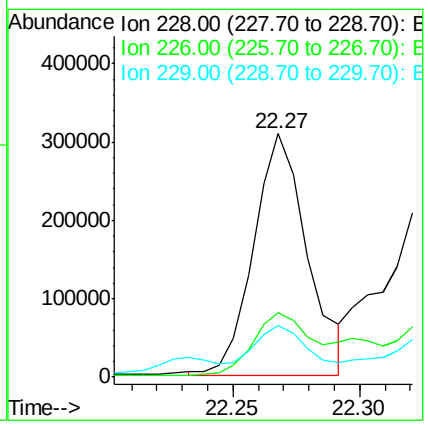


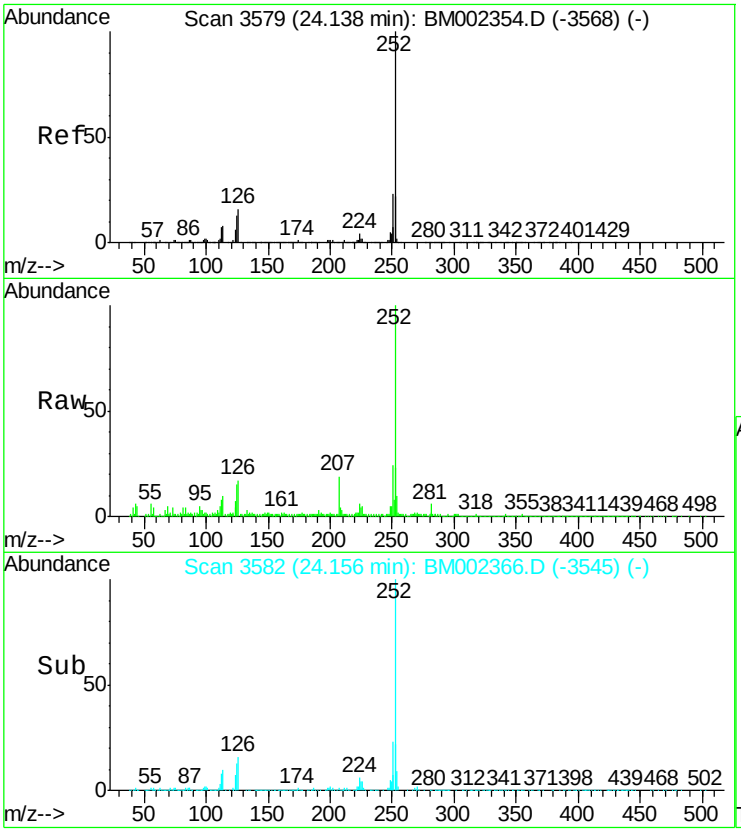


#21
Chrysene
Concen: 12.42 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.05 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:228 Resp: 454550

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.0
229	21.4	15.5	23.3



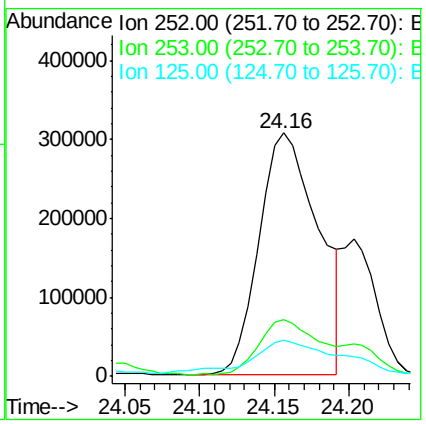


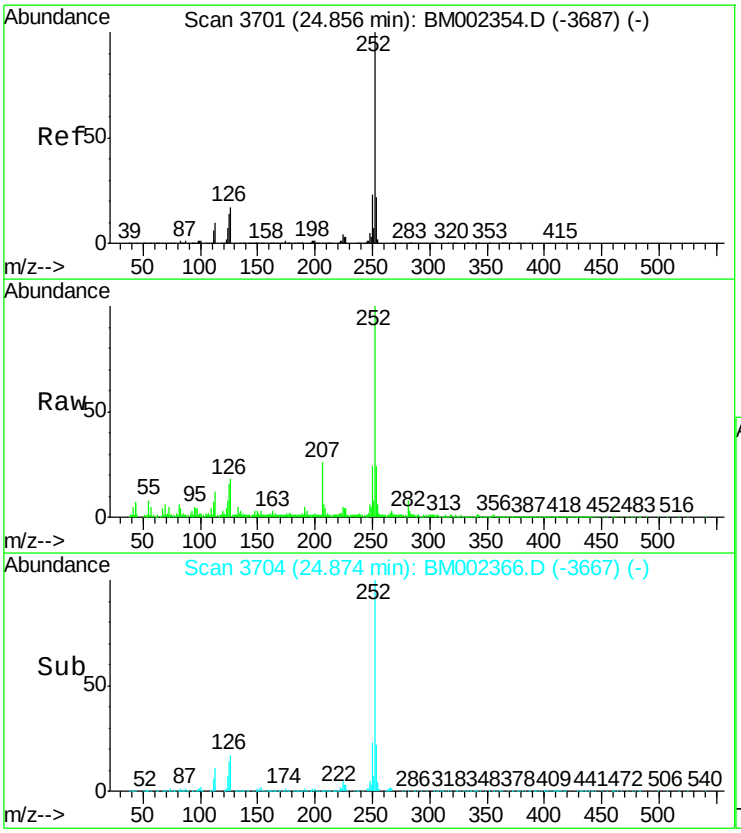
#23
Benzo(b)fluoranthene
Concen: 21.69 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:252 Resp: 845651

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.8	10.3	15.5

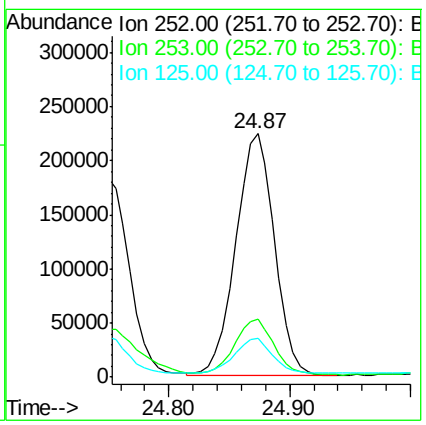


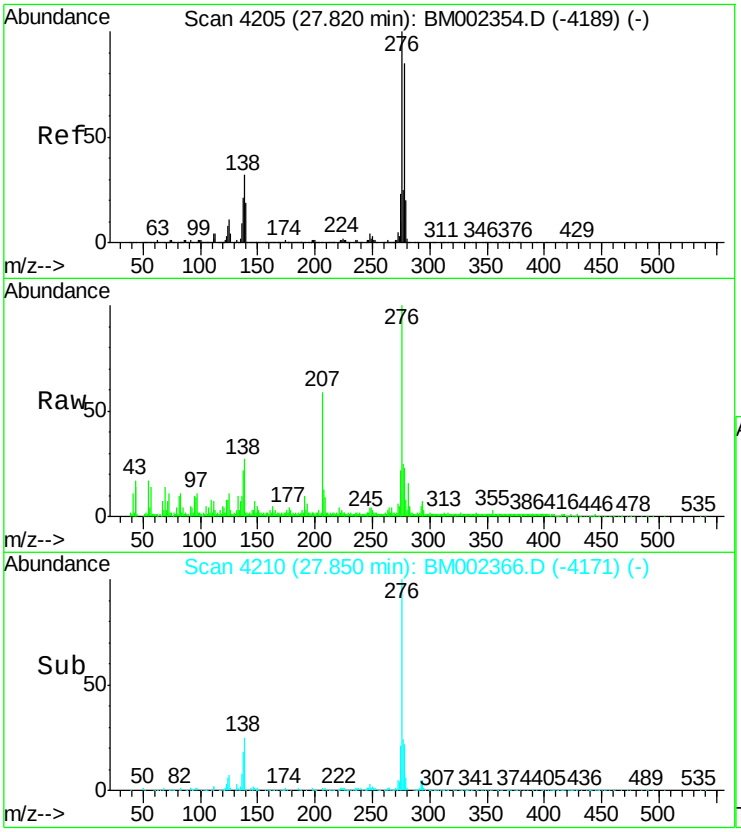


#26
Benzo(a)pyrene
Concen: 13.33 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.02 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:252 Resp: 497205

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	15.7	11.0	16.6



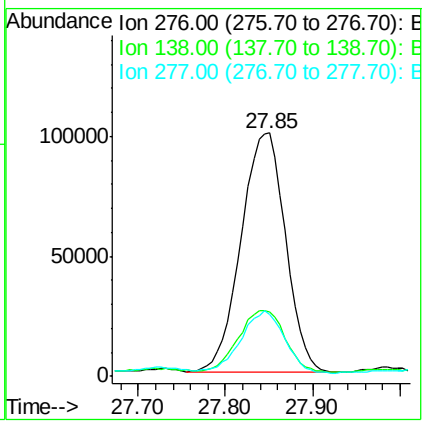


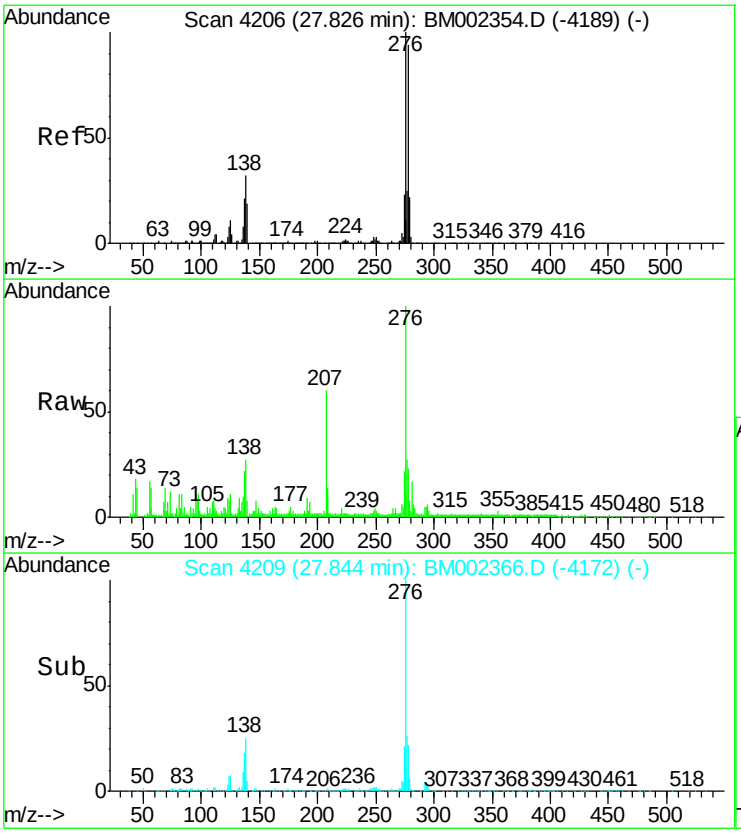
#27
Indeno(1,2,3-cd)pyrene
Concen: 8.13 ng/ul
RT: 27.85 min Scan# 4210
Delta R.T. 0.03 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:276 Resp: 347612

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
277	25.4	21.0	31.4

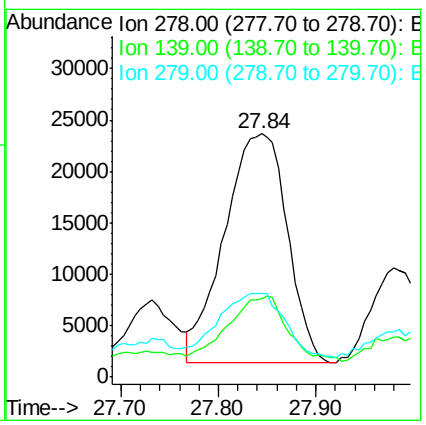


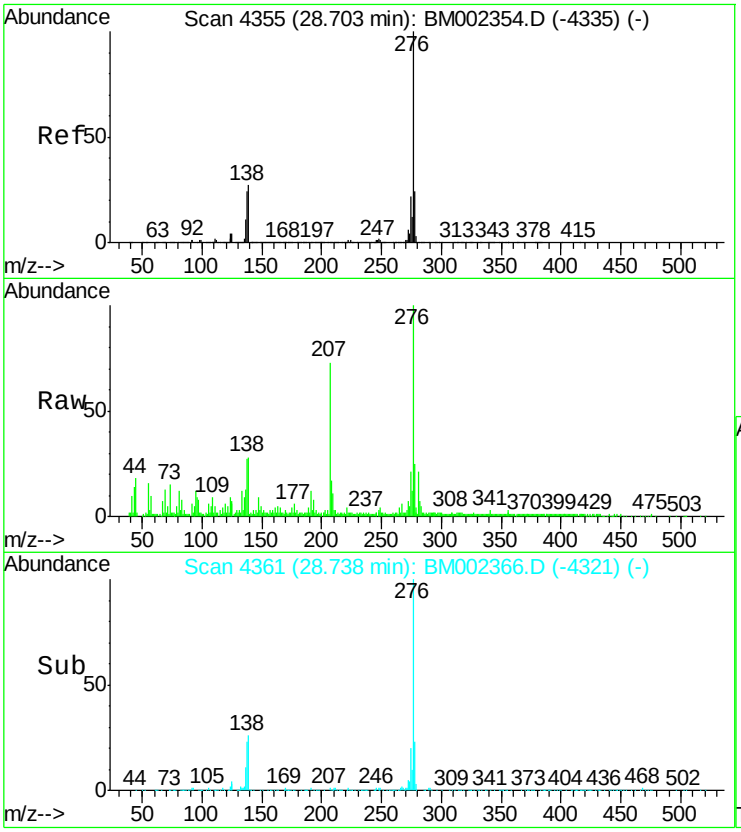


#28
Dibenzo(a,h)anthracene
Concen: 2.76 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.02 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Tgt Ion:278 Resp: 99961

Ion	Ratio	Lower	Upper
278	100		
139	32.1	16.4	24.6#
279	34.4	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 8.38 ng/ul
RT: 28.74 min Scan# 4361
Delta R.T. 0.04 min
Lab File: BM002366.D
Acq: 12 Aug 2015 18:19

Instrument :
BNA_M
ClientSampleId :
D9C97MS

Tgt Ion:276 Resp: 302175

Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	24.6	19.0	28.6