Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002298.D
Acq On : 09 Aug 2015 04:34
Operator : TP/UM
Sample : G3161-13RE
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9C58RE

Quant Time: Aug 09 06:19:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 06:16:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	270963	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1309228	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	679537	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1351534	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1094056	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	939652	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1298829	18.45	ng/ul	0.00
10) Fluorene-d10	16.47	176	858917	17.54	ng/ul	0.00
14) Anthracene-d10	18.31	188	1212022	18.48	ng/ul	0.00
18) Pyrene-d10	20.52	212	1112778	20.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	807526	16.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.85	128	78269	1.14	ng/ul	97
4) 2-Methylnaphthalene	13.39	142	82464	1.67	ng/ul	99
5) 1-Methylnaphthalene	13.60	142	54758	1.13	ng/ul	99
13) Phenanthrene	18.25	178	480494	6.18	ng/ul	100
15) Anthracene	18.34	178	95334	1.19	ng/ul	99
16) Fluoranthene	20.20	202	887737	10.31	ng/ul	100
19) Pyrene	20.55	202	713727	10.09	ng/ul	99
20) Benzo(a)anthracene	22.27	228	393574	5.89	ng/ul	98
21) Chrysene	22.27	228	392790	6.21	ng/ul	95
23) Benzo(b)fluoranthene	24.16	252	563607	9.65	ng/ul	97
26) Benzo(a)pyrene	24.87	252	355482	6.36	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.84	276	258943	4.04	ng/ul	95
28) Dibenzo(a,h)anthracene	27.84	278	68146	1.26	ng/ul#	72
29) Benzo(g,h,i)perylene	28.73	276	242076	4.48	ng/ul	98

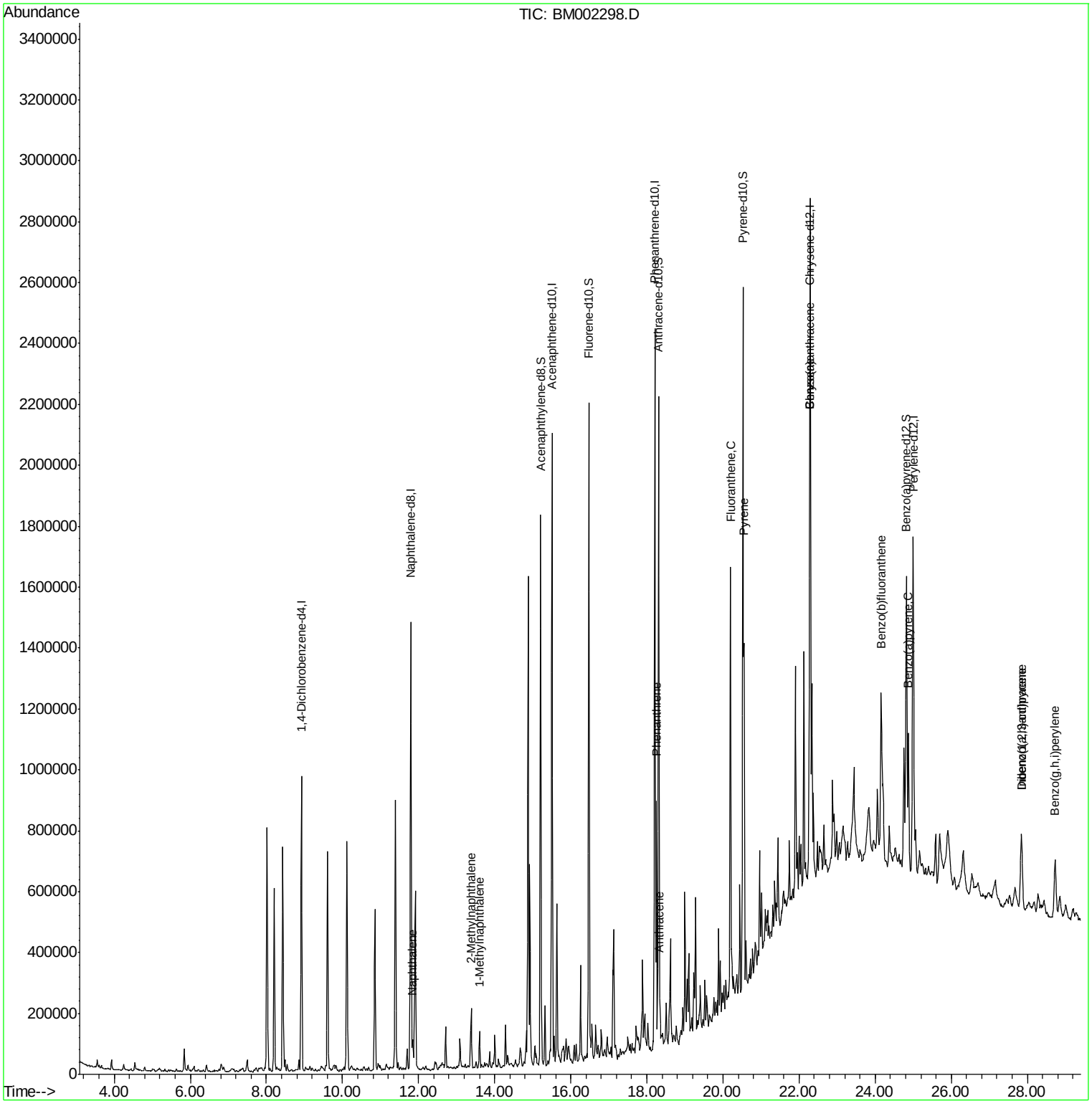
(#) = qualifier out of range (m) = manual integration (+) = signals summed

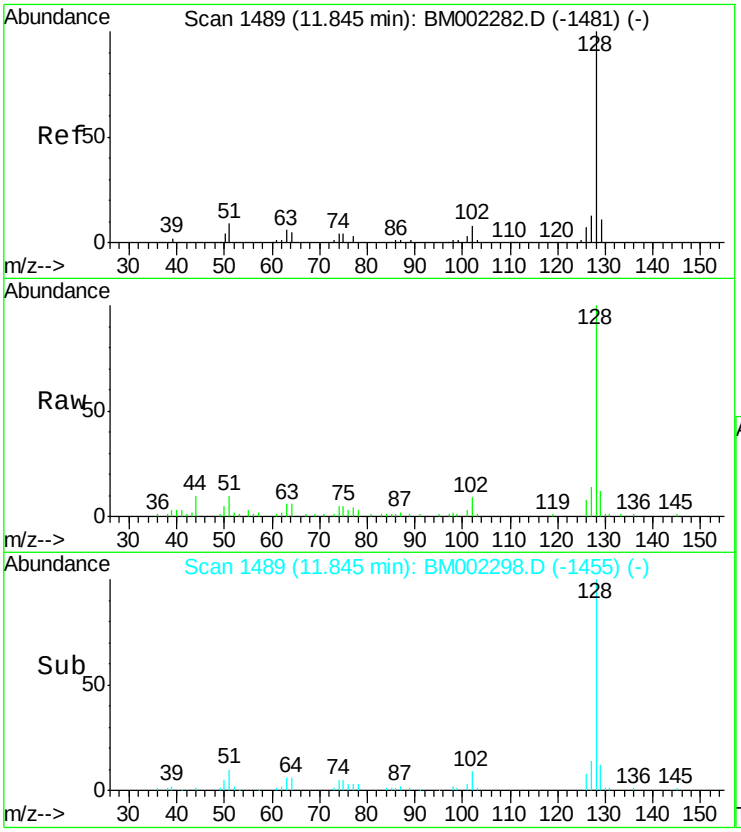
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002298.D
Acq On : 09 Aug 2015 04:34
Operator : TP/UM
Sample : G3161-13RE
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Quant Time: Aug 09 06:19:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 06:16:29 2015
Response via : Initial Calibration



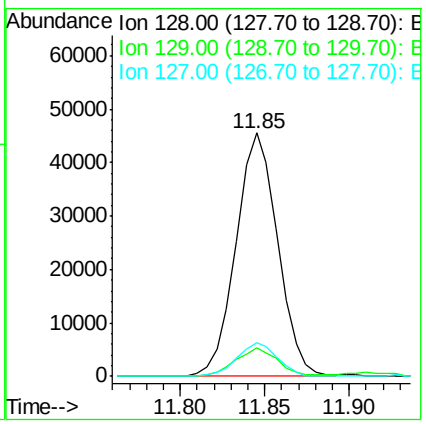


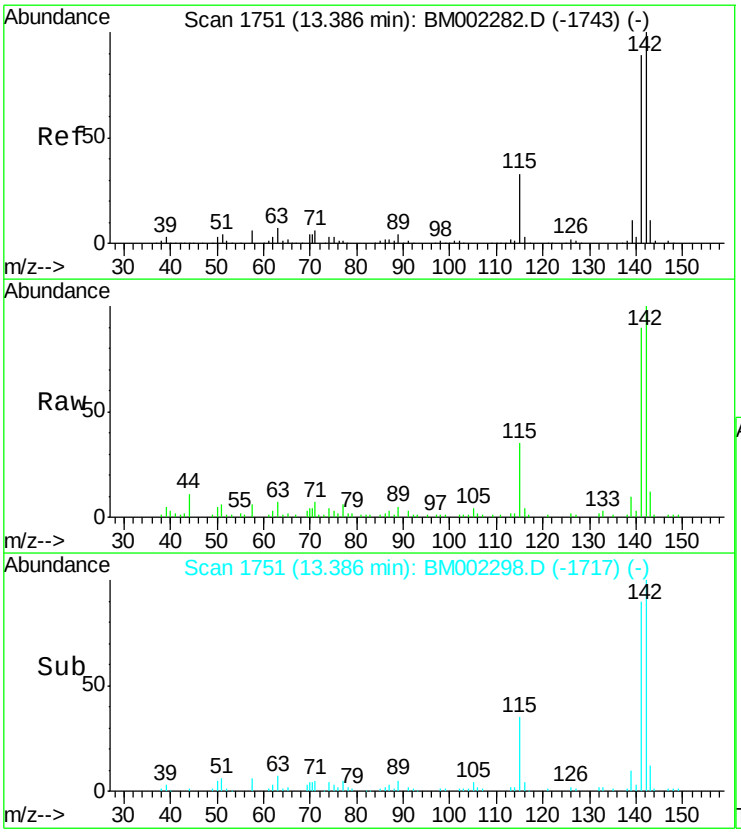
#3
Naphthalene
Concen: 1.14 ng/ul
RT: 11.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:128 Resp: 78269

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.1	10.4	15.6

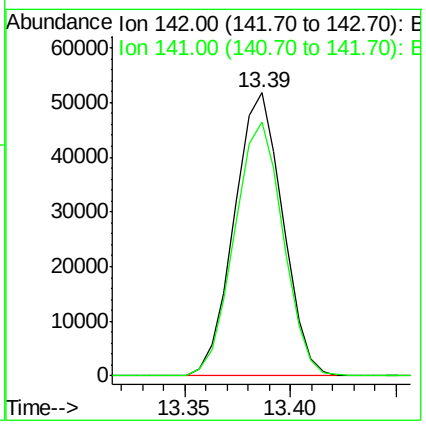


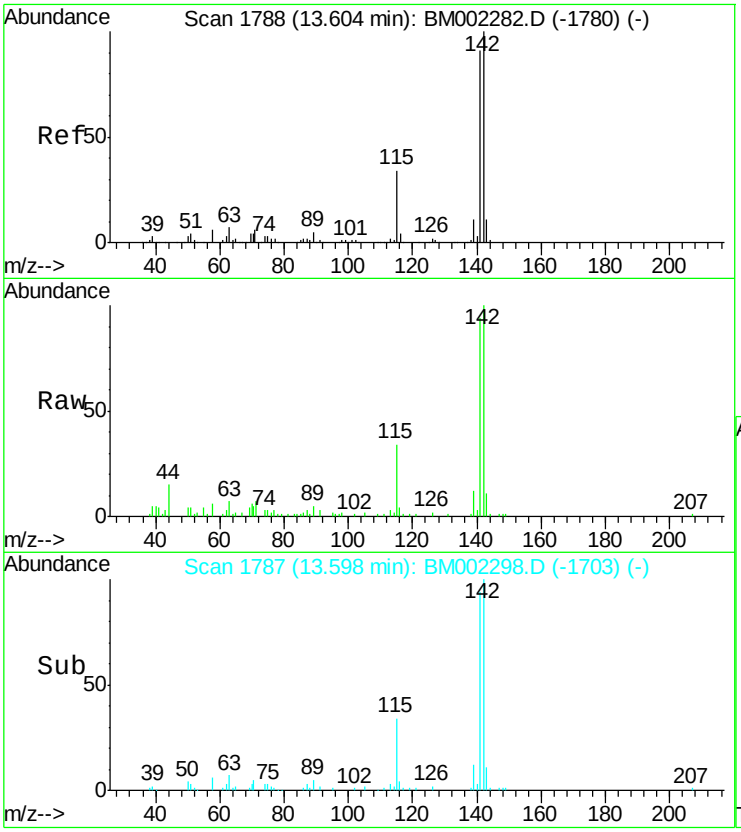


#4
2-Methylnaphthalene
Concen: 1.67 ng/ul
RT: 13.39 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:142 Resp: 82464

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.5	108.7



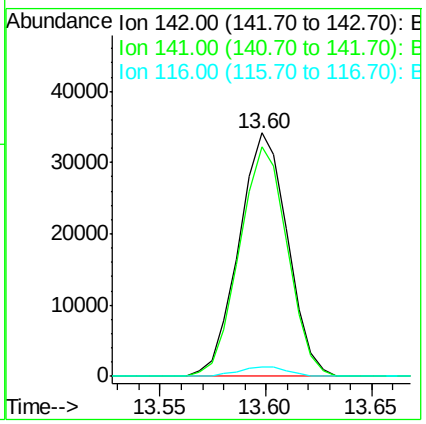


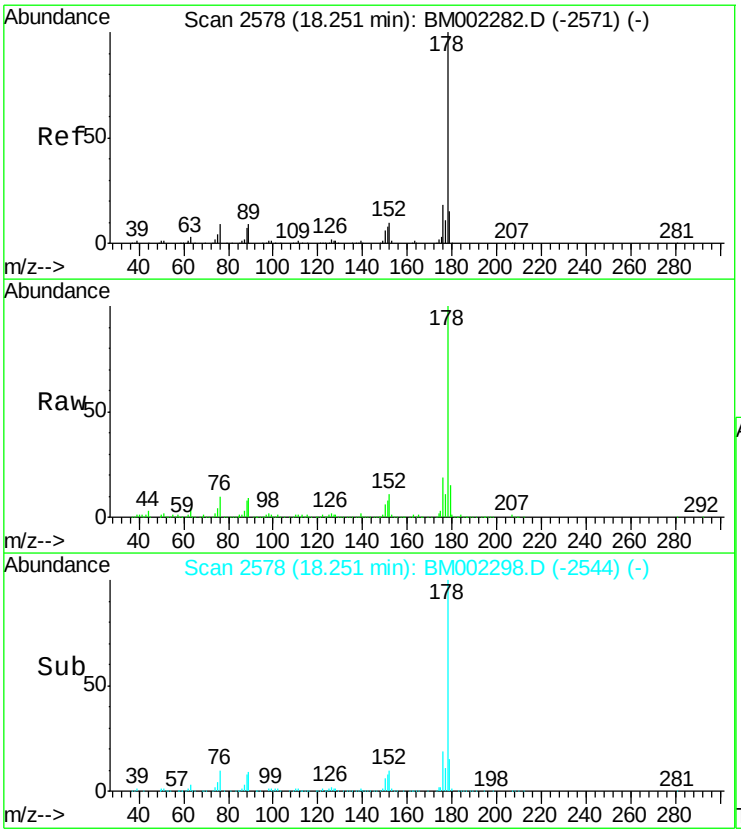
#5
1-Methylnaphthalene
Concen: 1.13 ng/ul
RT: 13.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:142 Resp: 54758

Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.5	111.7
116	3.8	3.0	4.4

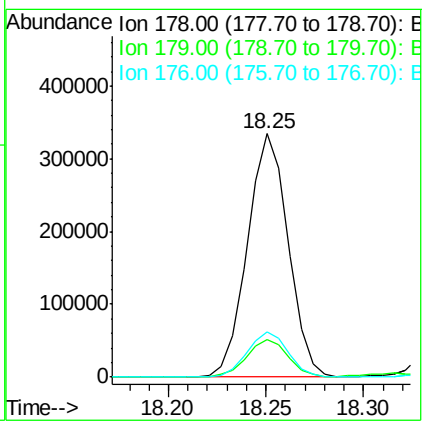


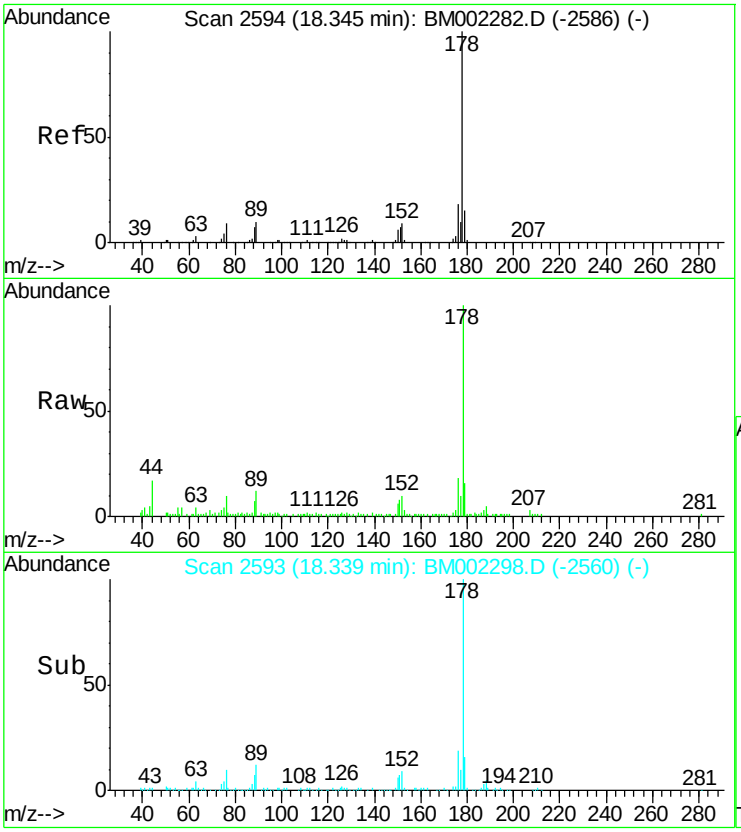


#13
Phenanthrene
Concen: 6.18 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:178 Resp: 480494

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.3	22.9



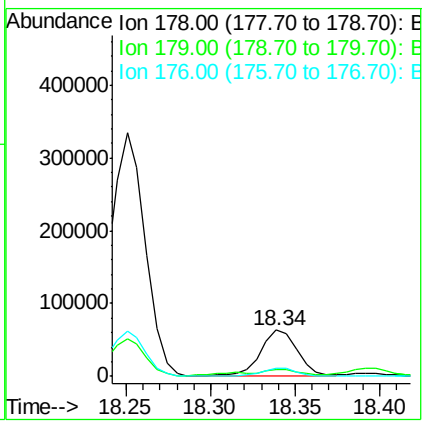


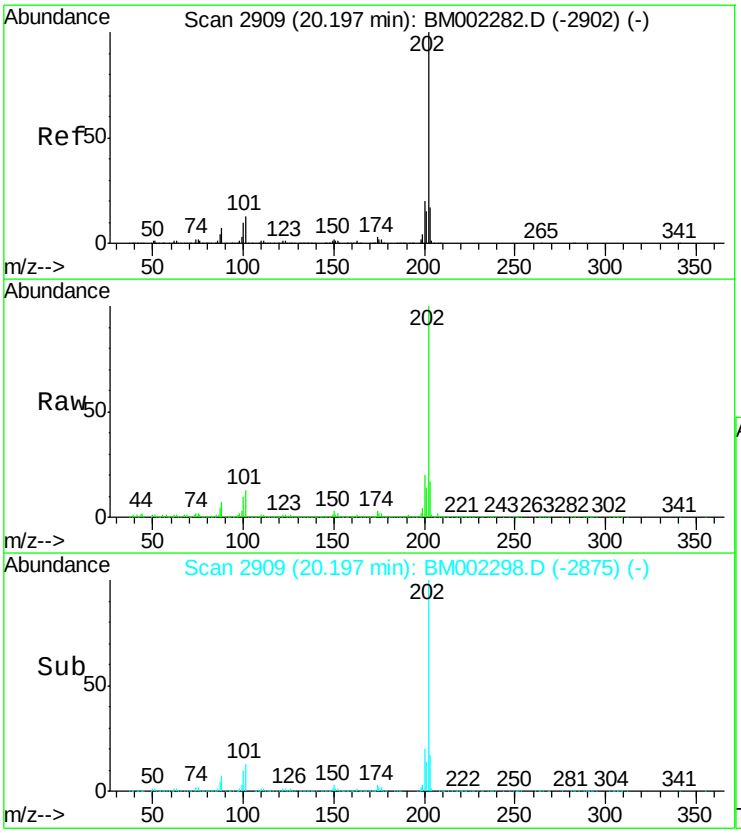
#15
Anthracene
Concen: 1.19 ng/ul
RT: 18.34 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:178 Resp: 95334

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.4	14.5	21.7

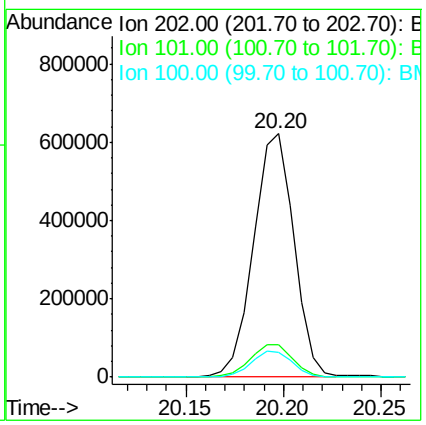


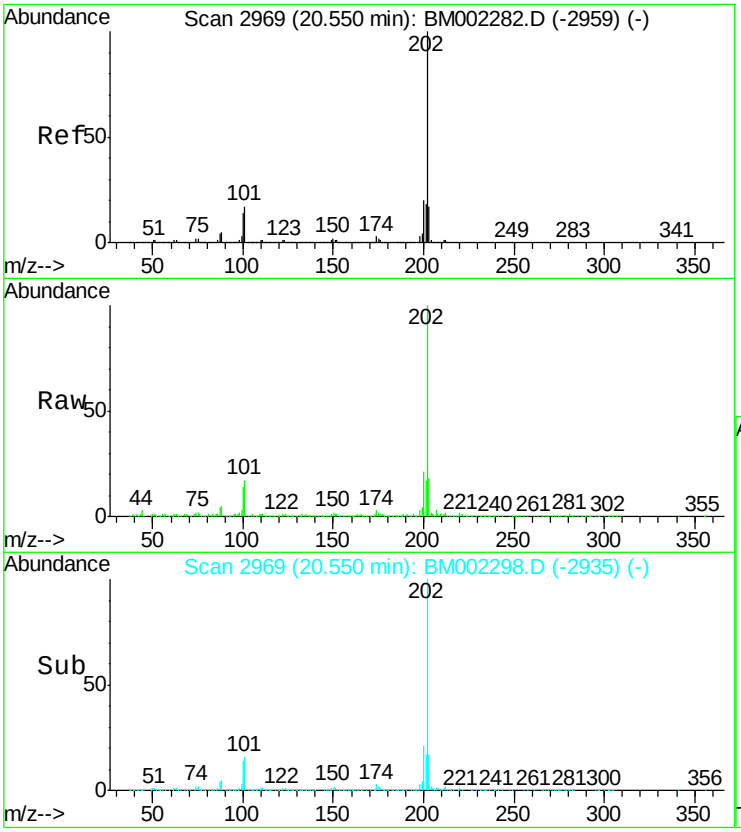


#16
Fluoranthene
Concen: 10.31 ng/ul
RT: 20.20 min Scan# 2909
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:202 Resp: 887737

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	15.8
100	10.3	8.2	12.4



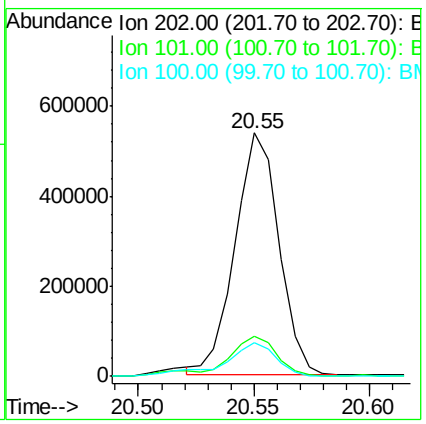


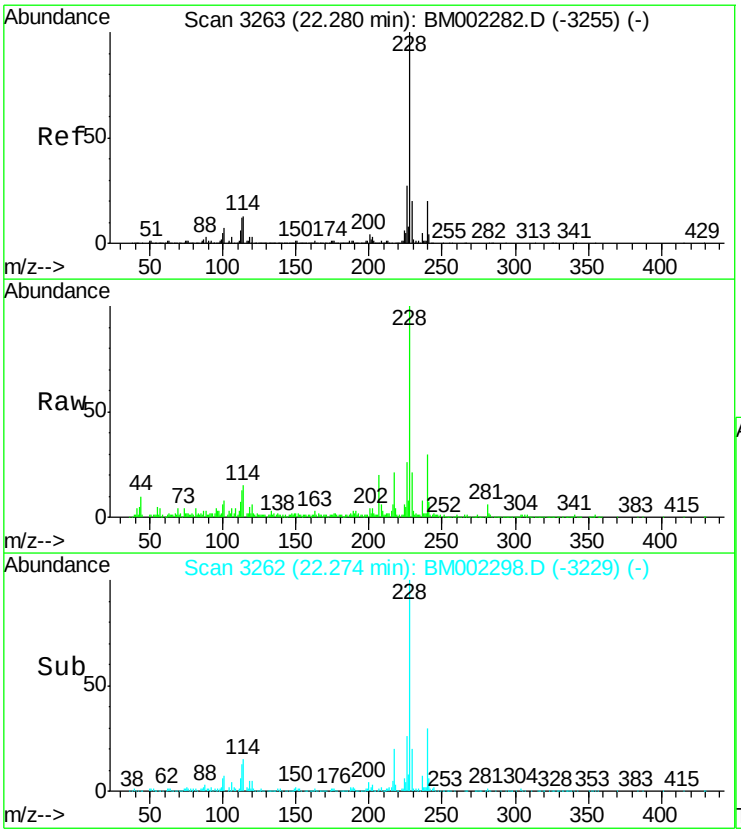
#19
Pyrene
Concen: 10.09 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:202 Resp: 713727

Ion	Ratio	Lower	Upper
202	100		
101	16.5	13.0	19.6
100	13.9	11.0	16.4

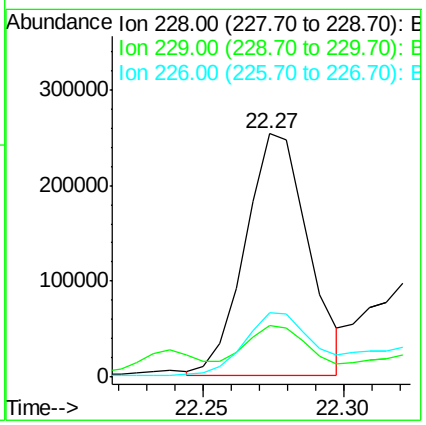


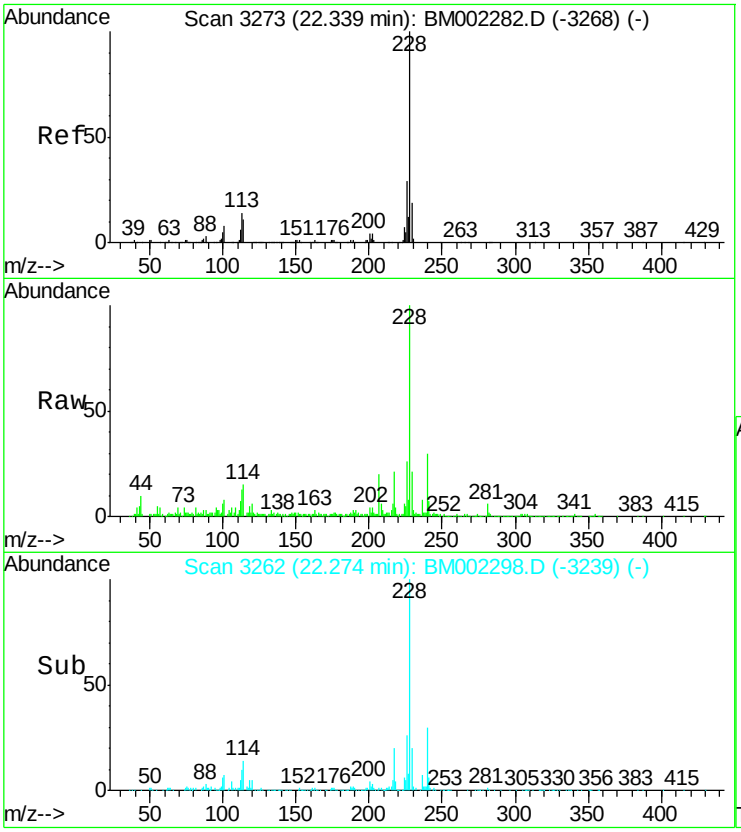


#20
Benzo(a)anthracene
Concen: 5.89 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:228 Resp: 393574

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	26.3	21.4	32.0



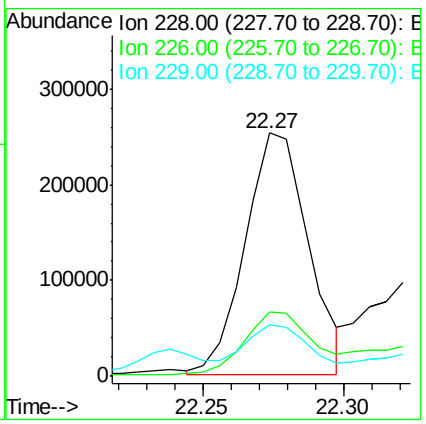


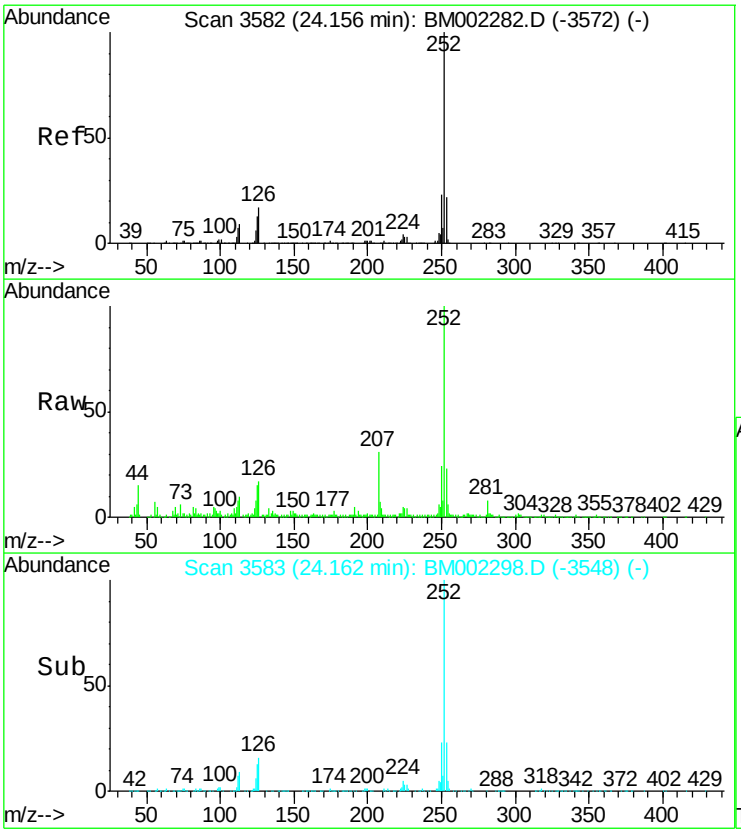
#21
Chrysene
Concen: 6.21 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.06 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:228 Resp: 392790

Ion	Ratio	Lower	Upper
228	100		
226	26.3	23.4	35.0
229	21.3	15.5	23.3

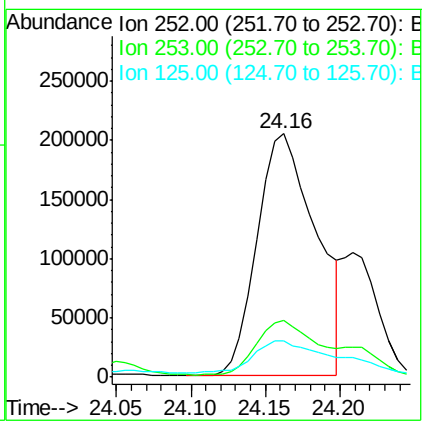


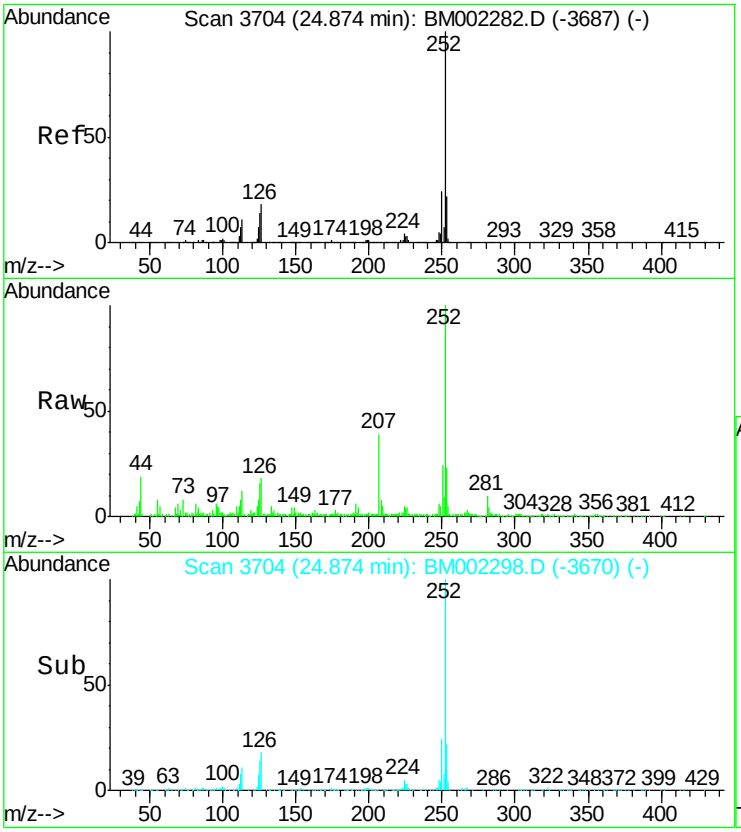


#23
Benzo(b)fluoranthene
Concen: 9.65 ng/ul
RT: 24.16 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:252 Resp: 563607

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.0	10.3	15.5



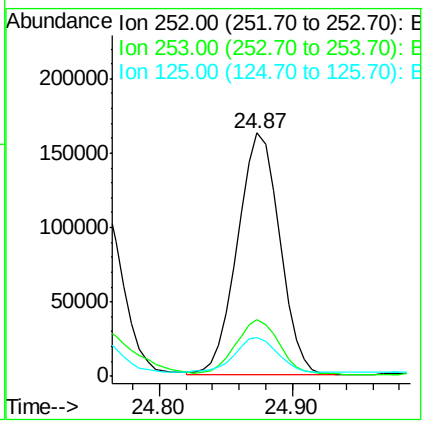


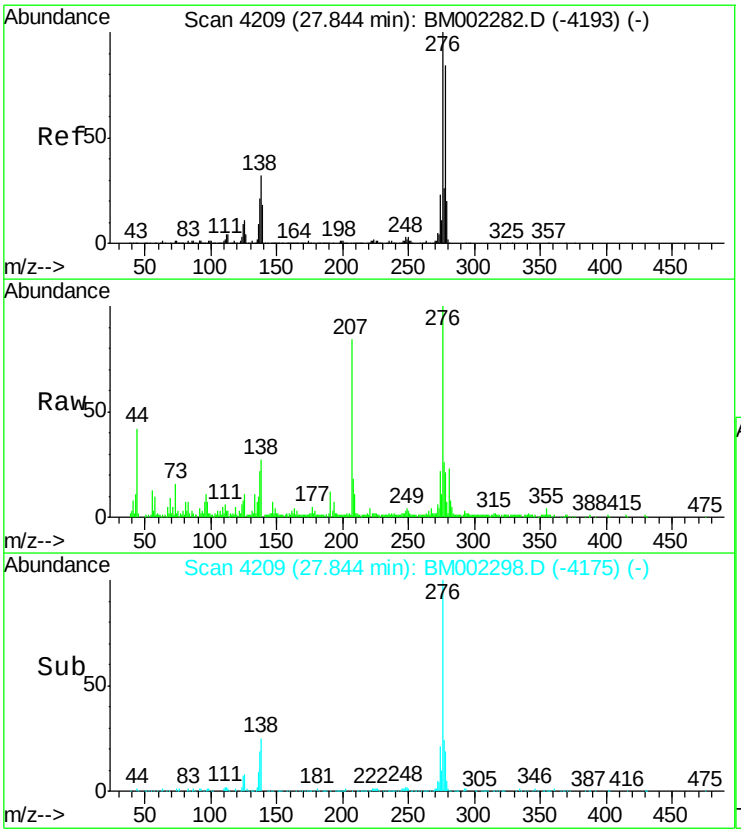
#26
Benzo(a)pyrene
Concen: 6.36 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:252 Resp: 355482

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	16.0	11.0	16.6

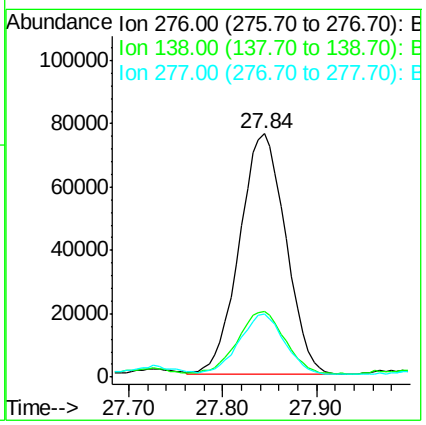


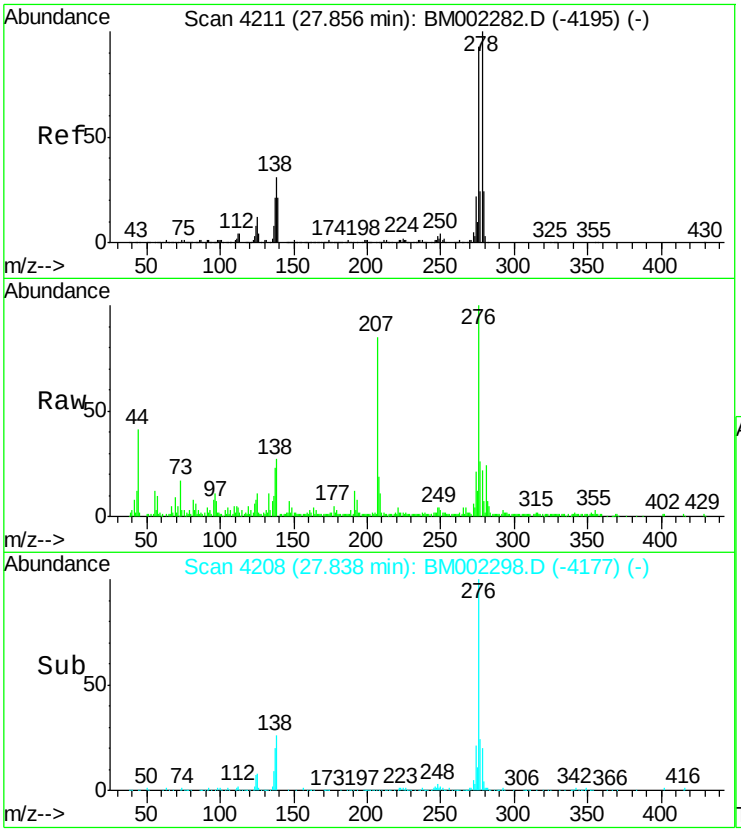


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng/ul
RT: 27.84 min Scan# 4209
Delta R.T. 0.00 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:276 Resp: 258943

Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.6	38.4
277	26.0	21.0	31.4



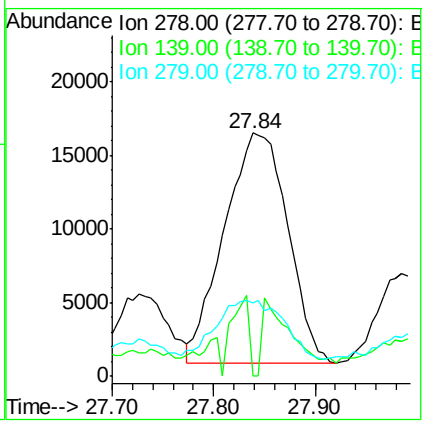


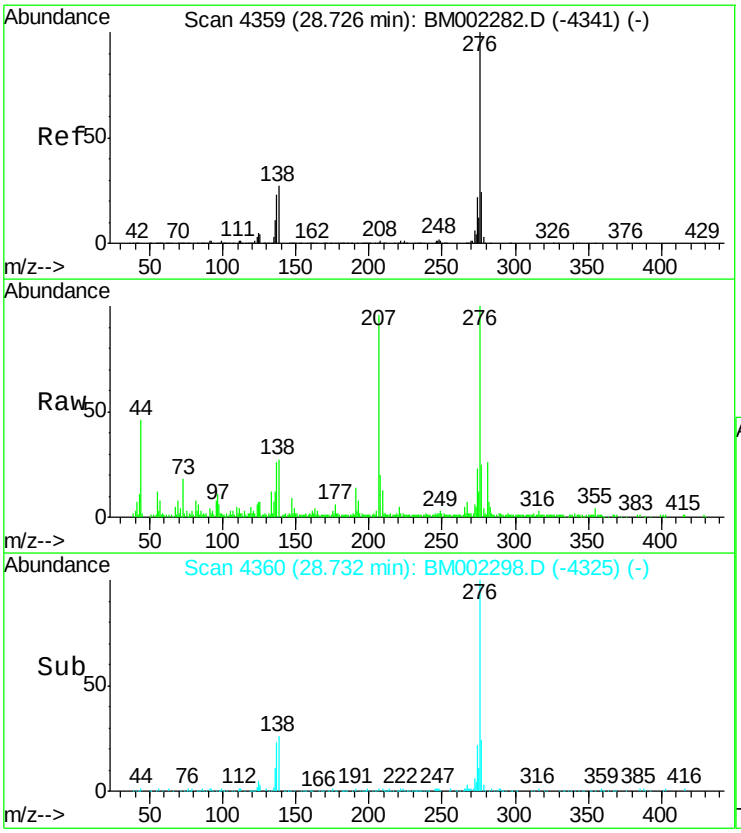
#28
Dibenzo(a,h)anthracene
Concen: 1.26 ng/ul
RT: 27.84 min Scan# 4208
Delta R.T. -0.02 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Instrument :
BNA_M
ClientSampleId :
D9C58RE

Tgt Ion:278 Resp: 68146

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.4	24.6#
279	30.2	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 4.48 ng/ul
RT: 28.73 min Scan# 4360
Delta R.T. 0.01 min
Lab File: BM002298.D
Acq: 09 Aug 2015 04:34

Tgt Ion:276 Resp: 242076

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.5	30.7
277	24.7	19.0	28.6