Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071816\
Data File : BM006518.D
Acq On : 18 Jul 2016 12:20
Operator : UM/SJ
Sample : H3959-02DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ21DL

Quant Time: Jul 19 02:05:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 02:05:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142666	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	608054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	342841	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	772218	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	884845	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	974369	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.80	99	11183	0.96	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	8282	1.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	9811	1.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	8620	0.93	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	4024	0.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	3841	0.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	7373	0.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	9709	0.94	ng/ul	0.01
43) Dimethylphthalate-d6	13.67	166	29804	1.06	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	37502	1.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1260	0.26	ng/ul	0.03
57) Fluorene-d10	15.26	176	31211	1.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	900	0.20	ng/ul	0.01
70) Anthracene-d10	17.11	188	49198	1.35	ng/ul	0.00
76) Pyrene-d10	19.42	212	58171	1.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	62043	1.39	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.99	152	121446	3.36	ng/ul	98
49) Acenaphthene	14.33	153	213730	9.19	ng/ul	98
58) Fluorene	15.32	166	42512	1.57	ng/ul	96
69) Phenanthrene	17.06	178	571635	13.46	ng/ul	99
71) Anthracene	17.14	178	550418	12.60	ng/ul	99
74) Fluoranthene	19.09	202	2734091	55.41	ng/ul	98
77) Pyrene	19.44	202	2164804	40.98	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1230550	22.79	ng/ul	98
82) Chrysene	21.25	228	969006	19.06	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1286608	22.09	ng/ul	98
86) Benzo(k)fluoranthene	22.76	252	1286608	23.49	ng/ul	98
88) Benzo(a)pyrene	23.32	252	1012330	18.15	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	570451	8.79	ng/ul	97
90) Dibenzo(a,h)anthracene	25.61	278	146149	2.71	ng/ul#	84
91) Benzo(g,h,i)perylene	26.28	276	465194	8.11	ng/ul	97

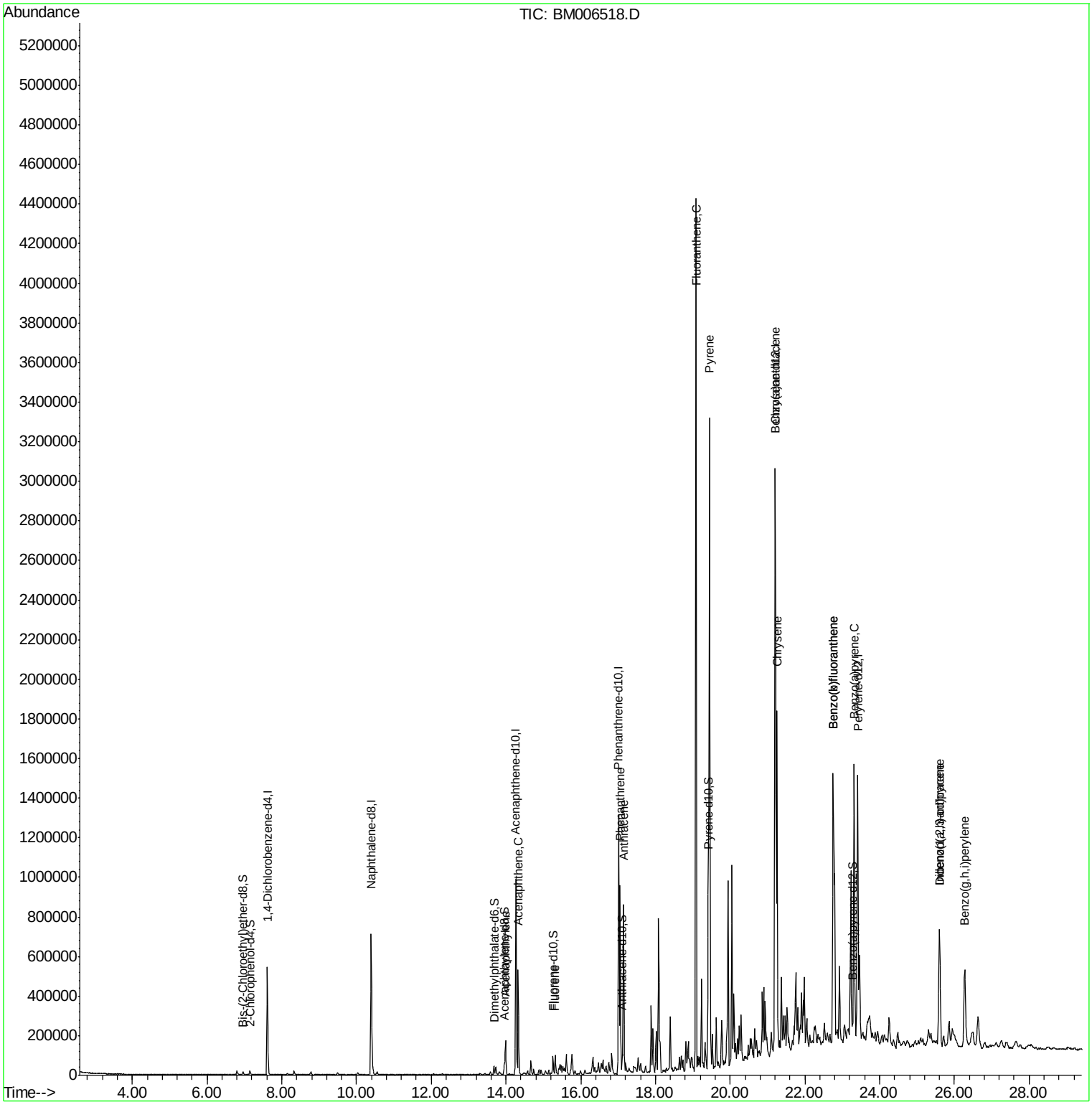
(#) = qualifier out of range (m) = manual integration (+) = signals summed

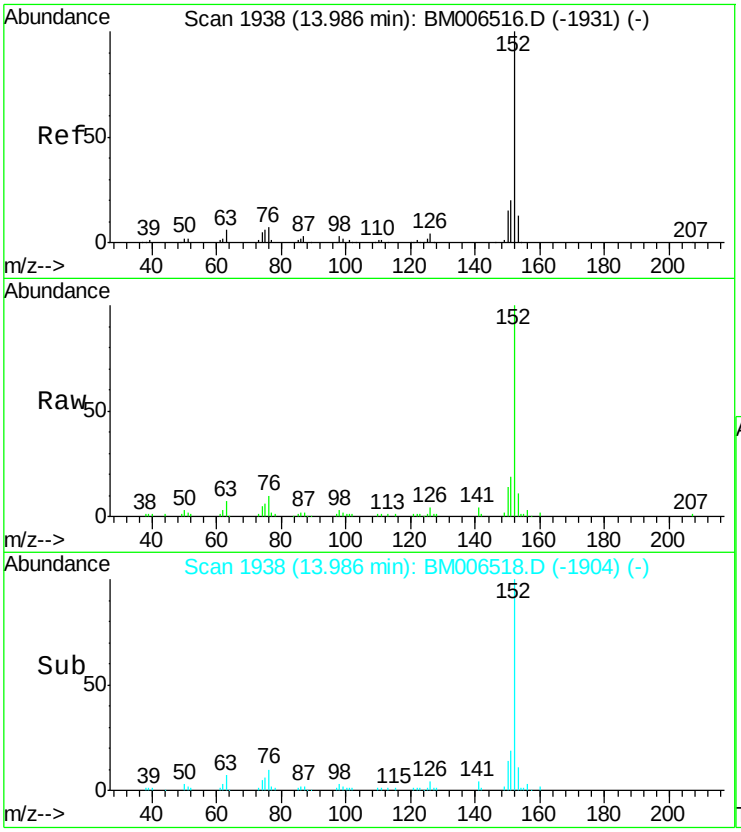
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071816\
Data File : BM006518.D
Acq On : 18 Jul 2016 12:20
Operator : UM/SJ
Sample : H3959-02DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Quant Time: Jul 19 02:05:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 02:05:48 2016
Response via : Initial Calibration



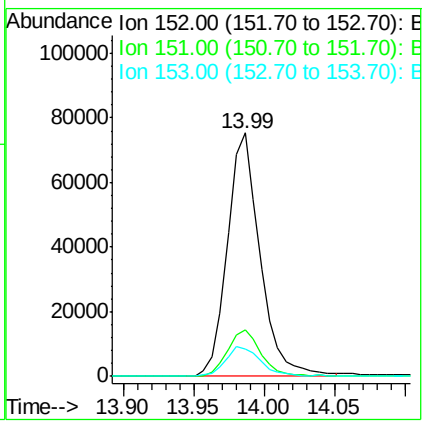


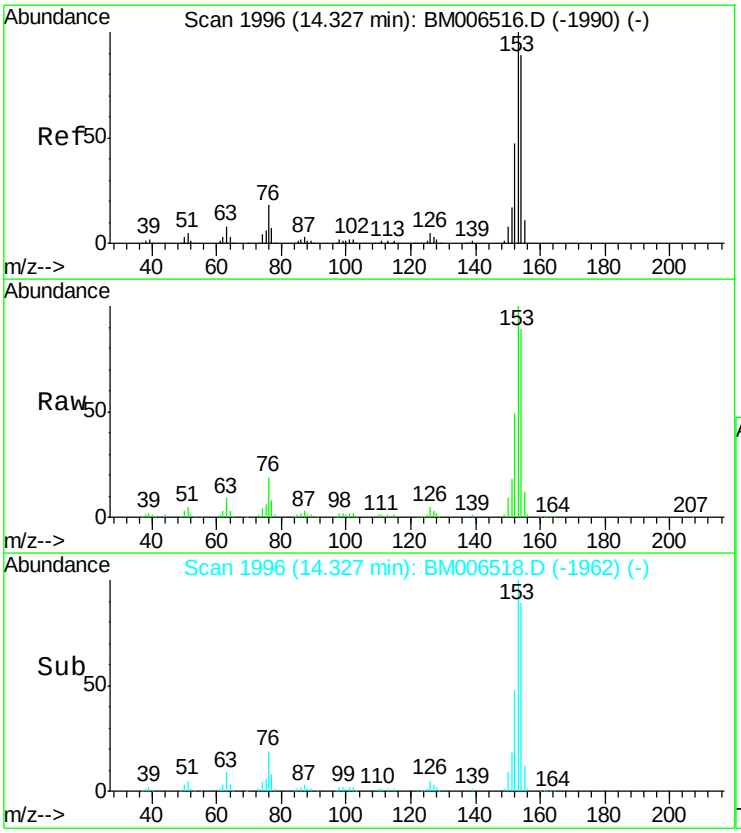
#47
Acenaphthylene
Concen: 3.36 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:152 Resp: 121446

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.6	23.4
153	11.4	10.3	15.5

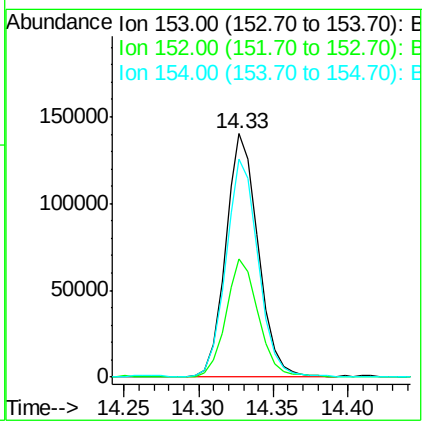


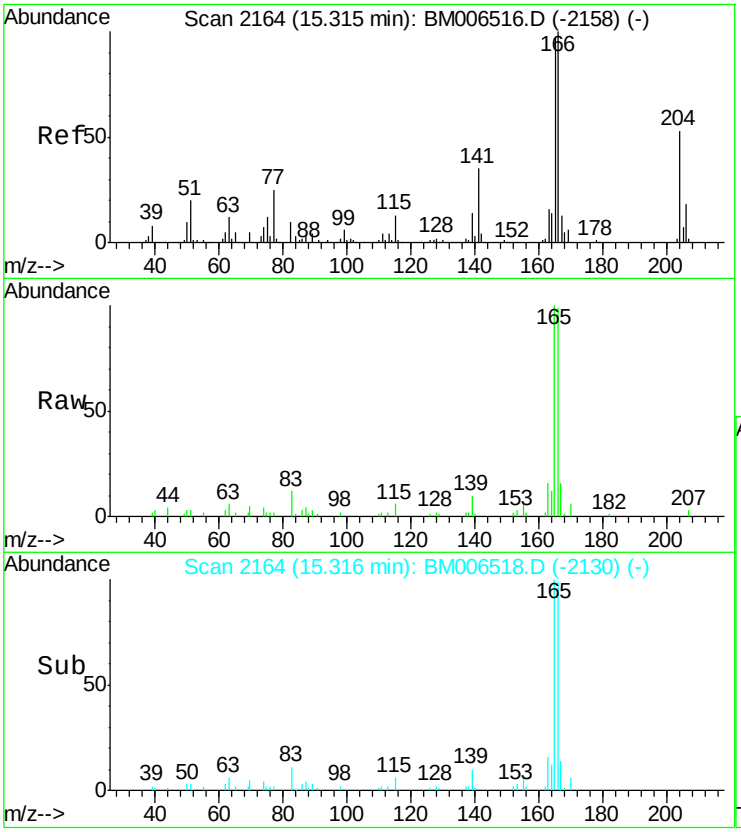


#49
Acenaphthene
Concen: 9.19 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:153 Resp: 213730

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.7	56.5
154	89.5	70.0	105.0



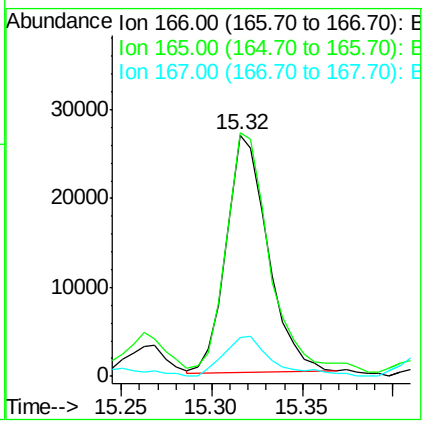


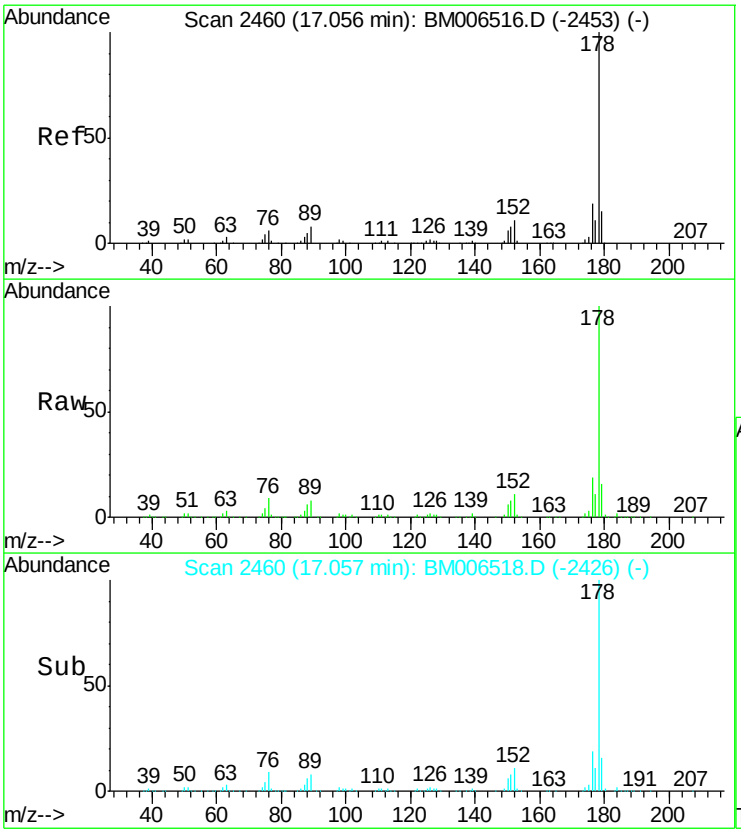
#58
Fluorene
Concen: 1.57 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:166 Resp: 42512

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.5	116.3
167	15.9	10.8	16.2

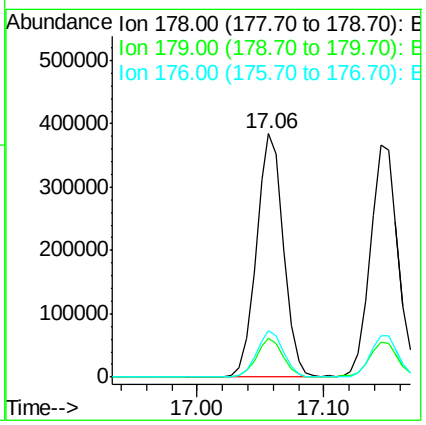


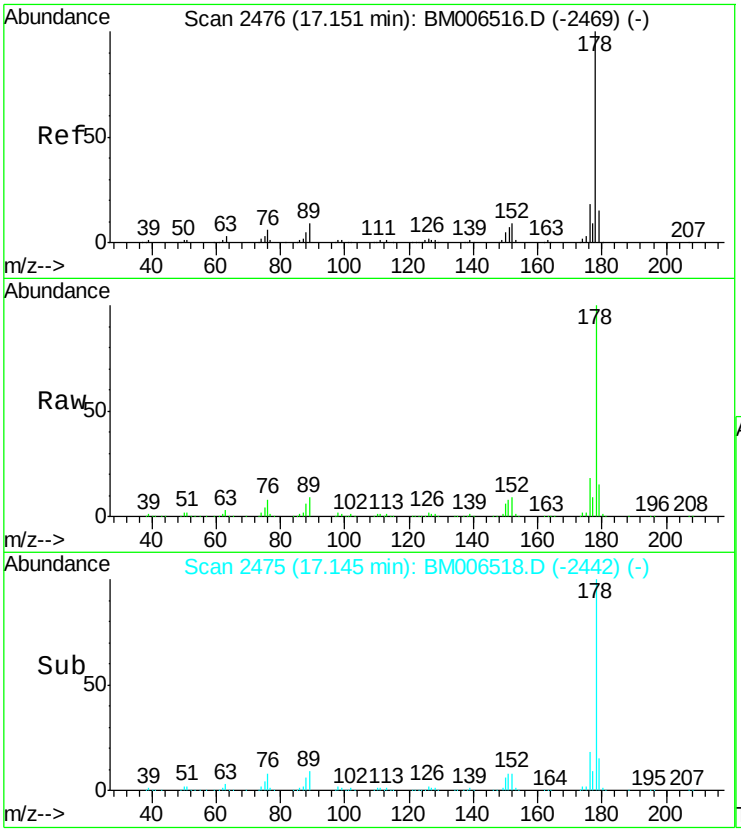


#69
Phenanthrene
Concen: 13.46 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:178 Resp: 571635

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	19.1	15.2	22.8



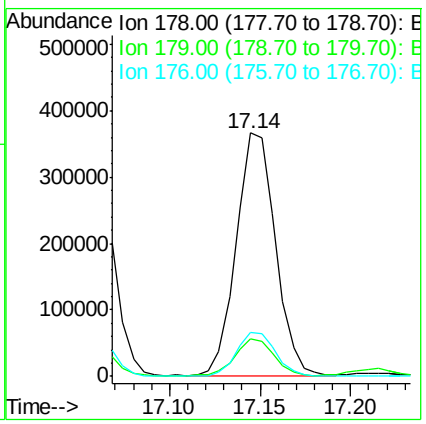


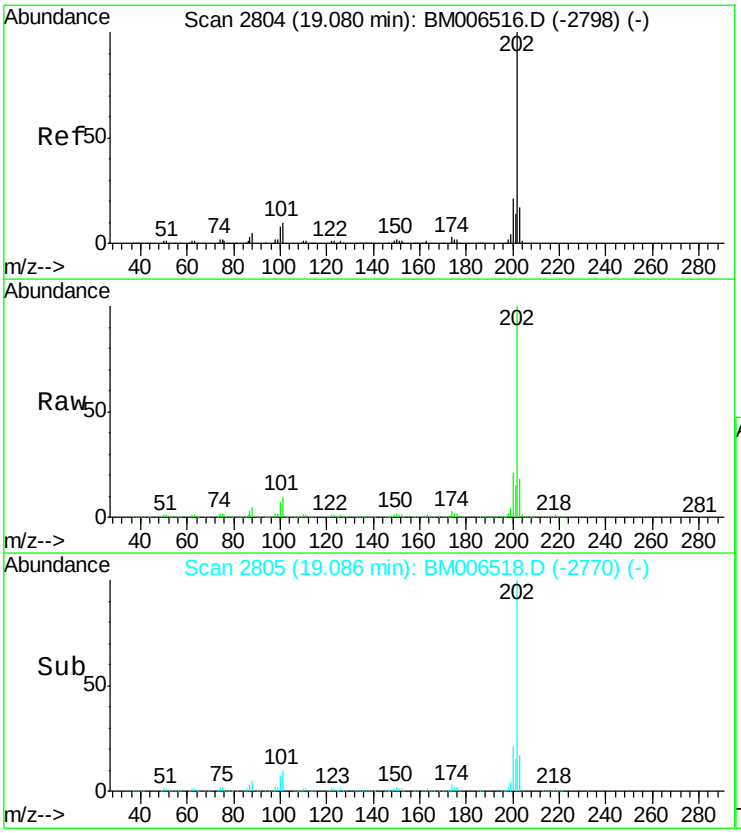
#71
Anthracene
Concen: 12.60 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:178 Resp: 550418

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.0	15.0	22.6

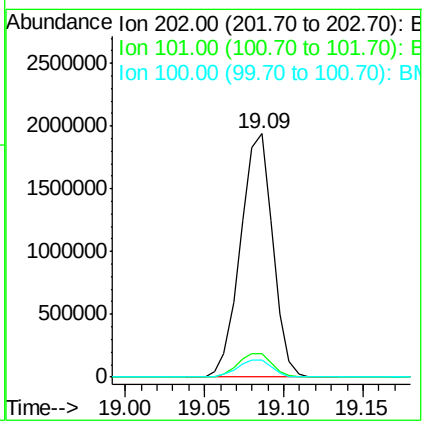


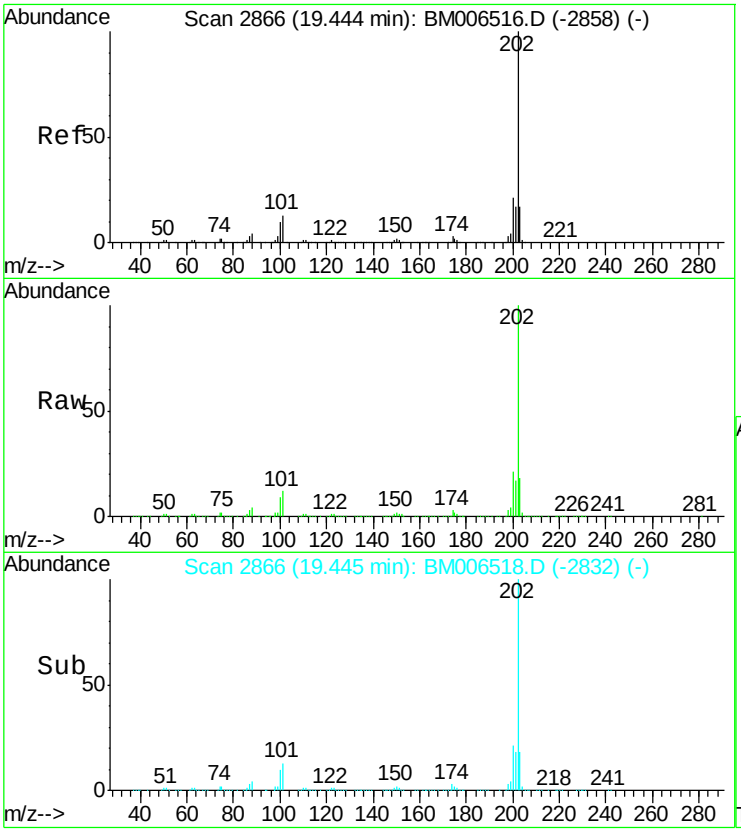


#74
Fluoranthene
Concen: 55.41 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:202 Resp: 2734091

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.6	12.8
100	7.2	6.4	9.6



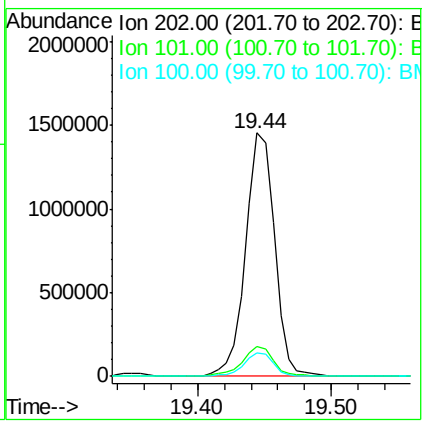


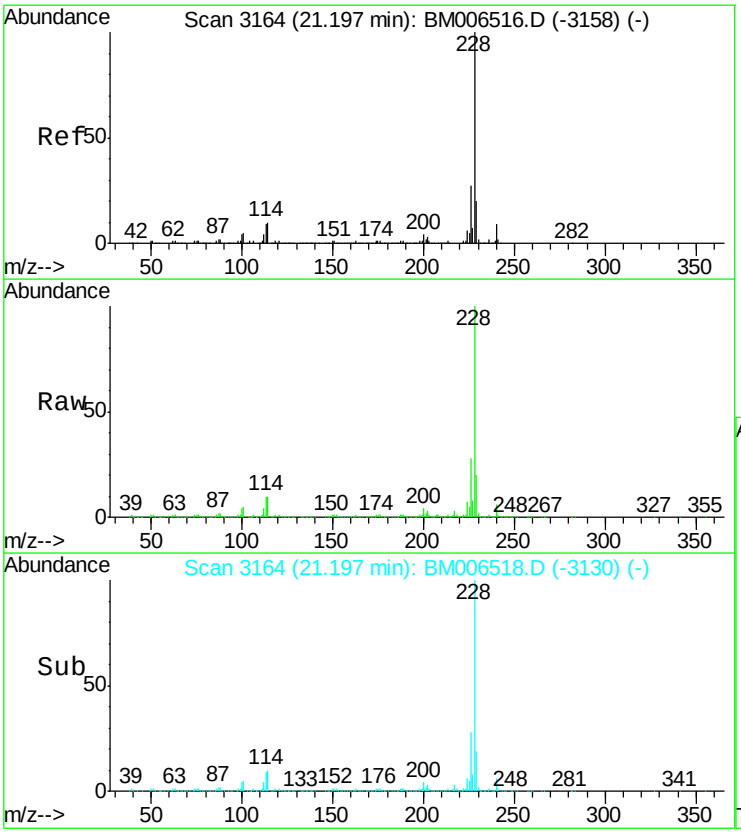
#77
Pyrene
Concen: 40.98 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:202 Resp: 2164804

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	9.4	7.9	11.9

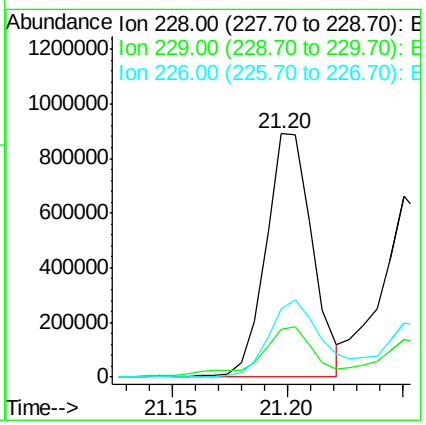


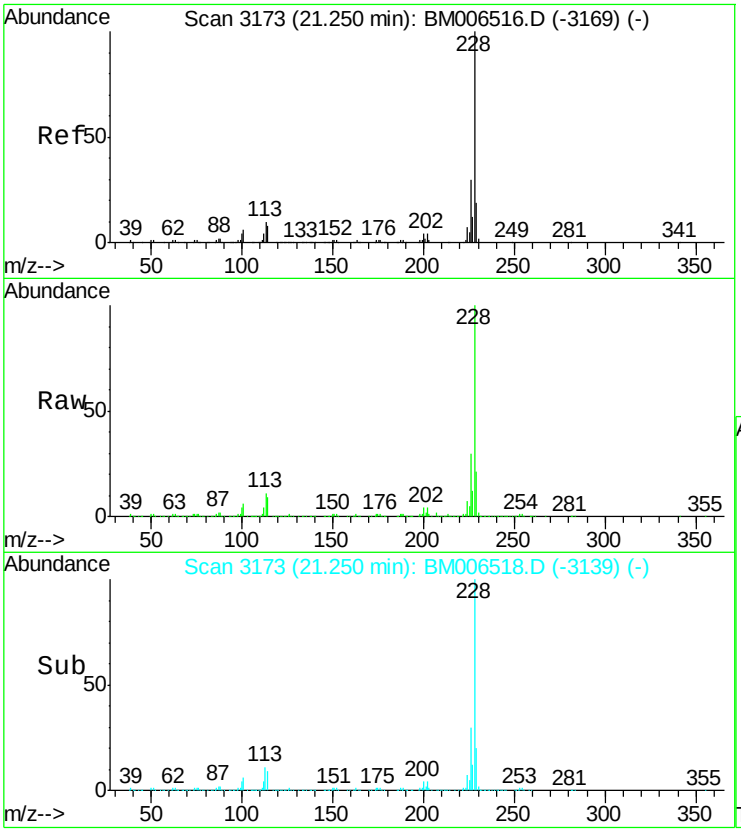


#80
Benzo(a)anthracene
Concen: 22.79 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:228 Resp: 1230550

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	28.2	21.4	32.2



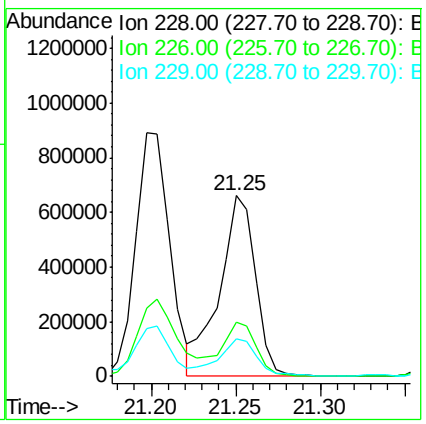


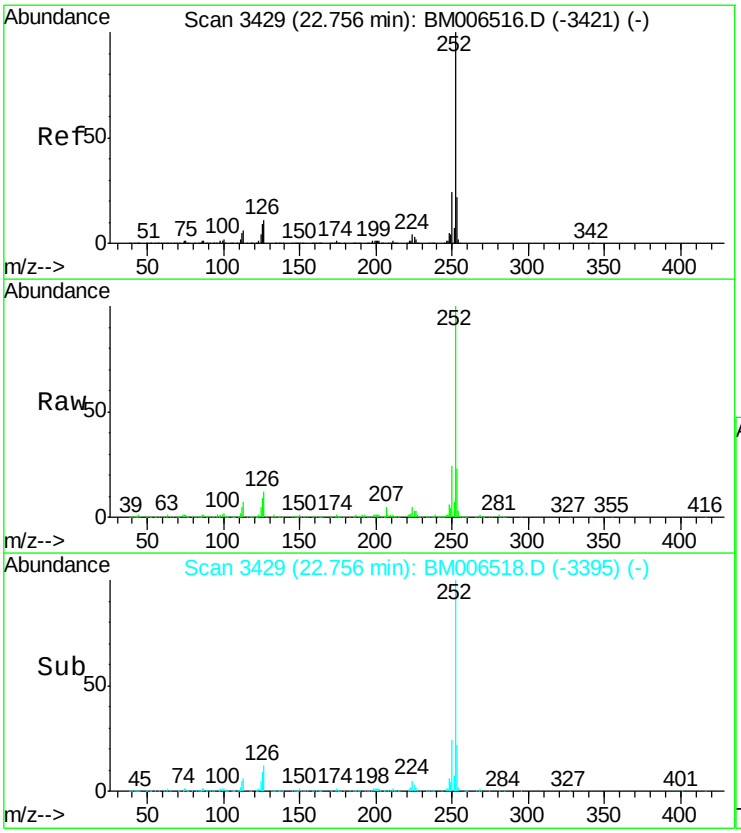
#82
Chrysene
Concen: 19.06 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:228 Resp: 969006

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.3	34.9
229	20.7	15.8	23.8

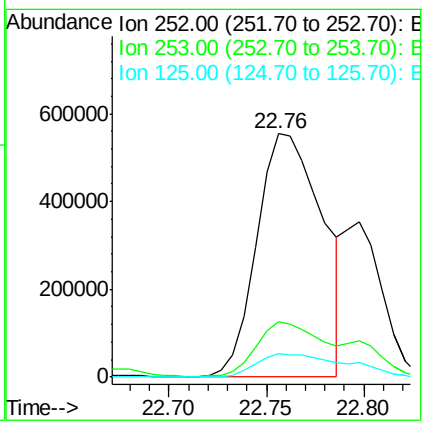


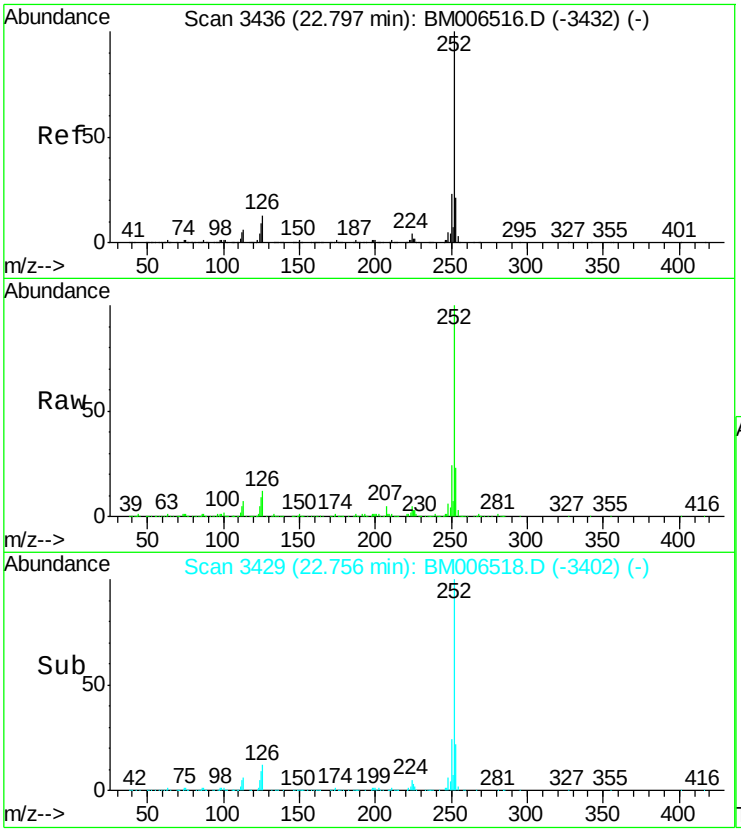


#85
Benzo(b)fluoranthene
Concen: 22.09 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:252 Resp: 1286608

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.5	6.7	10.1



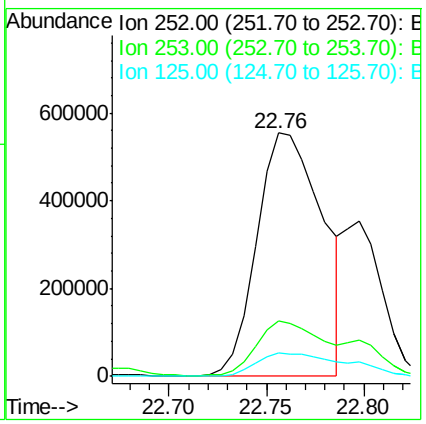


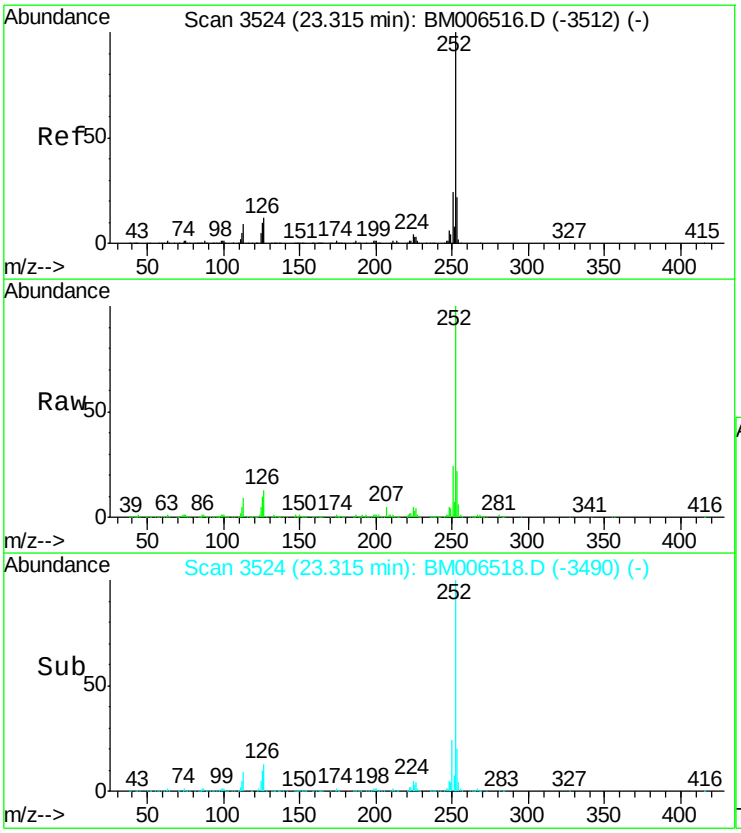
#86
Benzo(k)fluoranthene
Concen: 23.49 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:252 Resp: 1286608

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.5	7.0	10.4

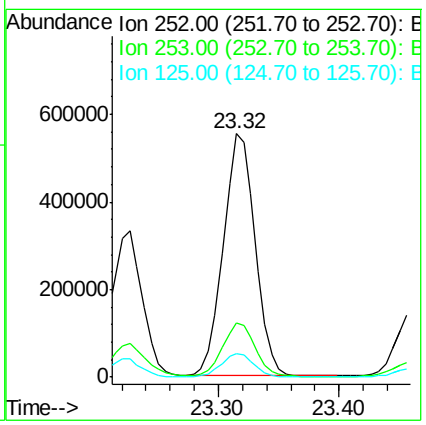


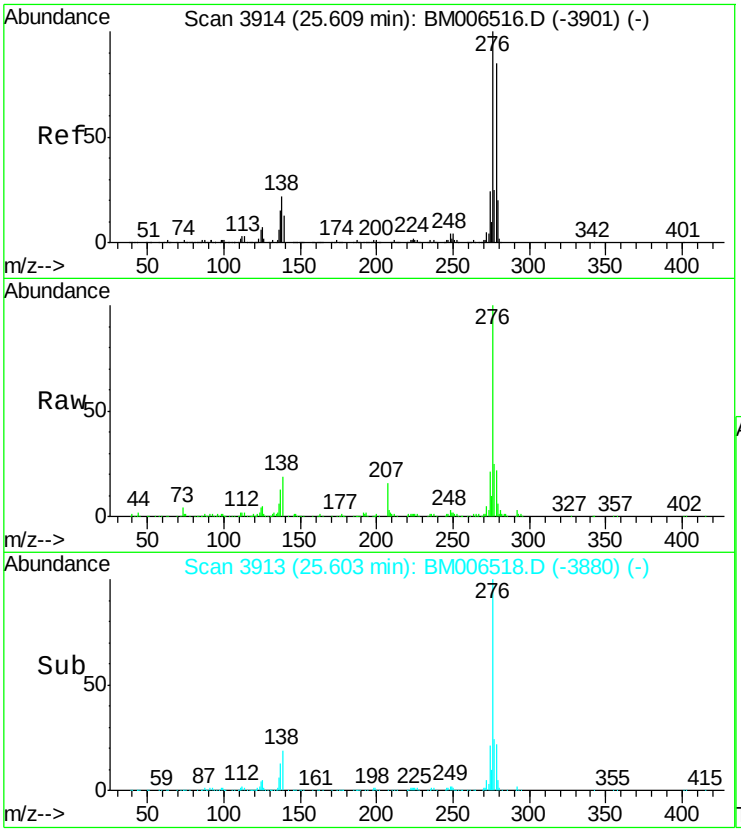


#88
Benzo(a)pyrene
Concen: 18.15 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:252 Resp: 1012330

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.6	7.6	11.4



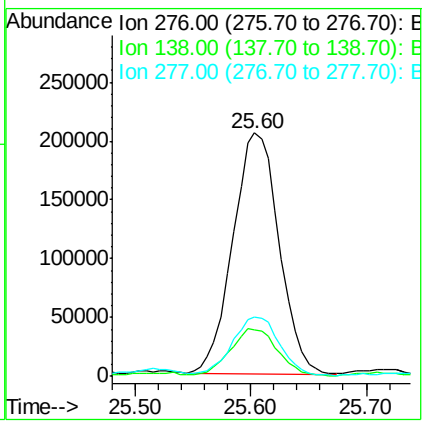


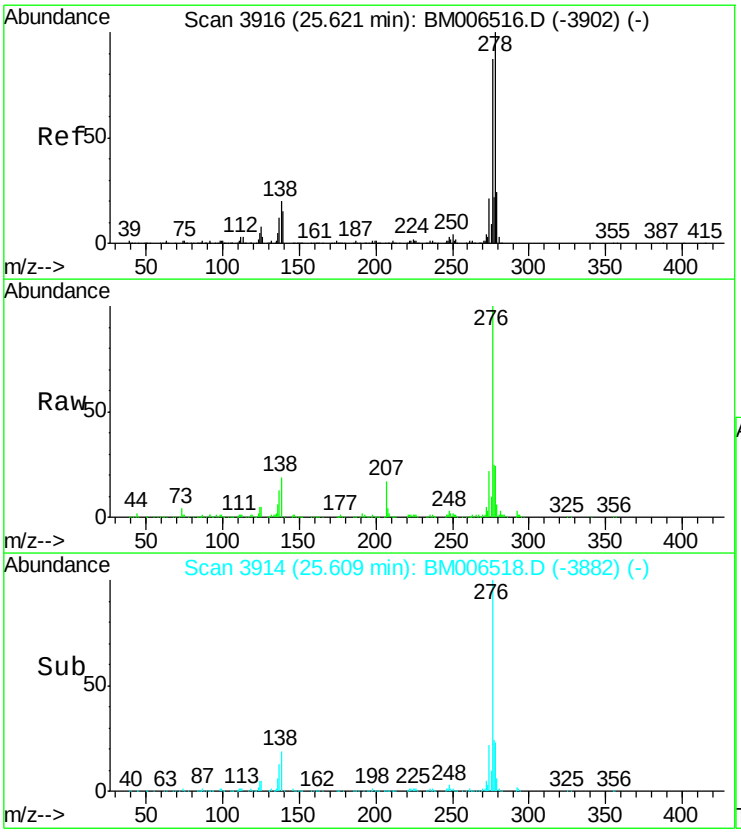
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.79 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:276 Resp: 570451

Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.8	26.6
277	24.5	20.1	30.1

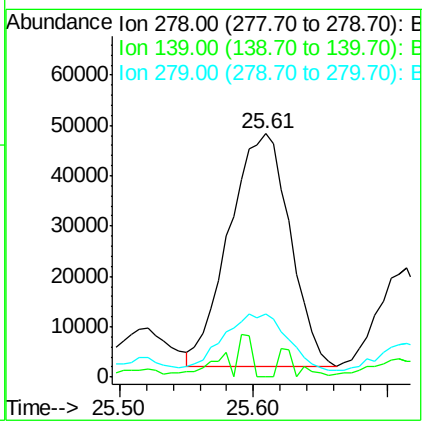


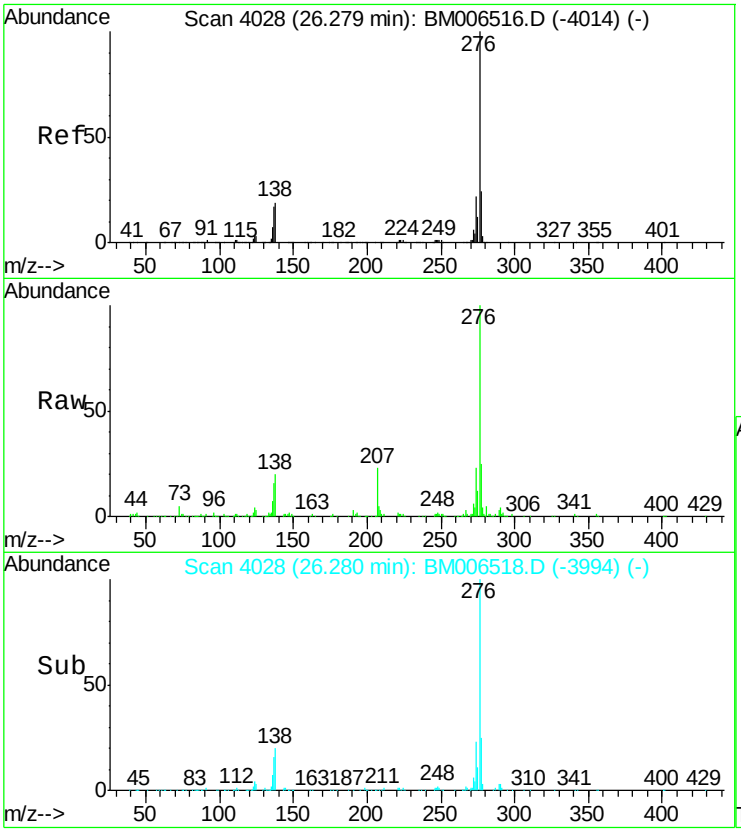


#90
Dibenzo(a,h)anthracene
Concen: 2.71 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Tgt Ion:278 Resp: 146149

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	25.7	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 8.11 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BM006518.D
Acq: 18 Jul 2016 12:20

Instrument :
BNA_M
ClientSampleId :
BDJ21DL

Tgt Ion:276 Resp: 465194

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.0	22.4
277	25.0	19.0	28.4