Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008421.D
Acq On : 17 Dec 2016 20:49
Operator : UM/SJ
Sample : H6067-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G1

Quant Time: Dec 18 04:19:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	128134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	494066	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	317528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	631469	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	811488	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	858311	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	9906	3.64	ng/uL	0.00
5) Phenol-d5	6.85	99	174774	17.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	107755	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	142306	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	130362	16.93	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	71281	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	77241	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	133198	18.37	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	104134	12.53	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	449397	21.29	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	543371	21.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13388	4.31	ng/ul	0.05
57) Fluorene-d10	15.30	176	385361	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	42946	11.43	ng/ul	0.00
70) Anthracene-d10	17.16	188	596499	21.68	ng/ul	0.00
76) Pyrene-d10	19.46	212	714183	22.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	766190	21.26	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	43416	4.21	ng/ul	98
44) Dimethylphthalate	13.77	163	122652	5.93	ng/ul	99
47) Acenaphthylene	14.02	152	122027	4.81	ng/ul	98
71) Anthracene	17.19	178	141089	4.30	ng/ul	99
74) Fluoranthene	19.27	202	43420	1.09	ng/ul	100
77) Pyrene	19.49	202	165846	4.16	ng/ul	99
80) Benzo(a)anthracene	21.24	228	259032	6.18	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	2423100	115.79	ng/ul	98
82) Chrysene	21.29	228	527426	13.08	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	1517948	32.76	ng/ul	98
86) Benzo(k)fluoranthene	22.81	252	1517948	34.24	ng/ul	99
88) Benzo(a)pyrene	23.39	252	1060742	23.76	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1135533	20.95	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	312858	6.87	ng/ul#	85
91) Benzo(g,h,i)perylene	26.40	276	1006940	22.21	ng/ul	99

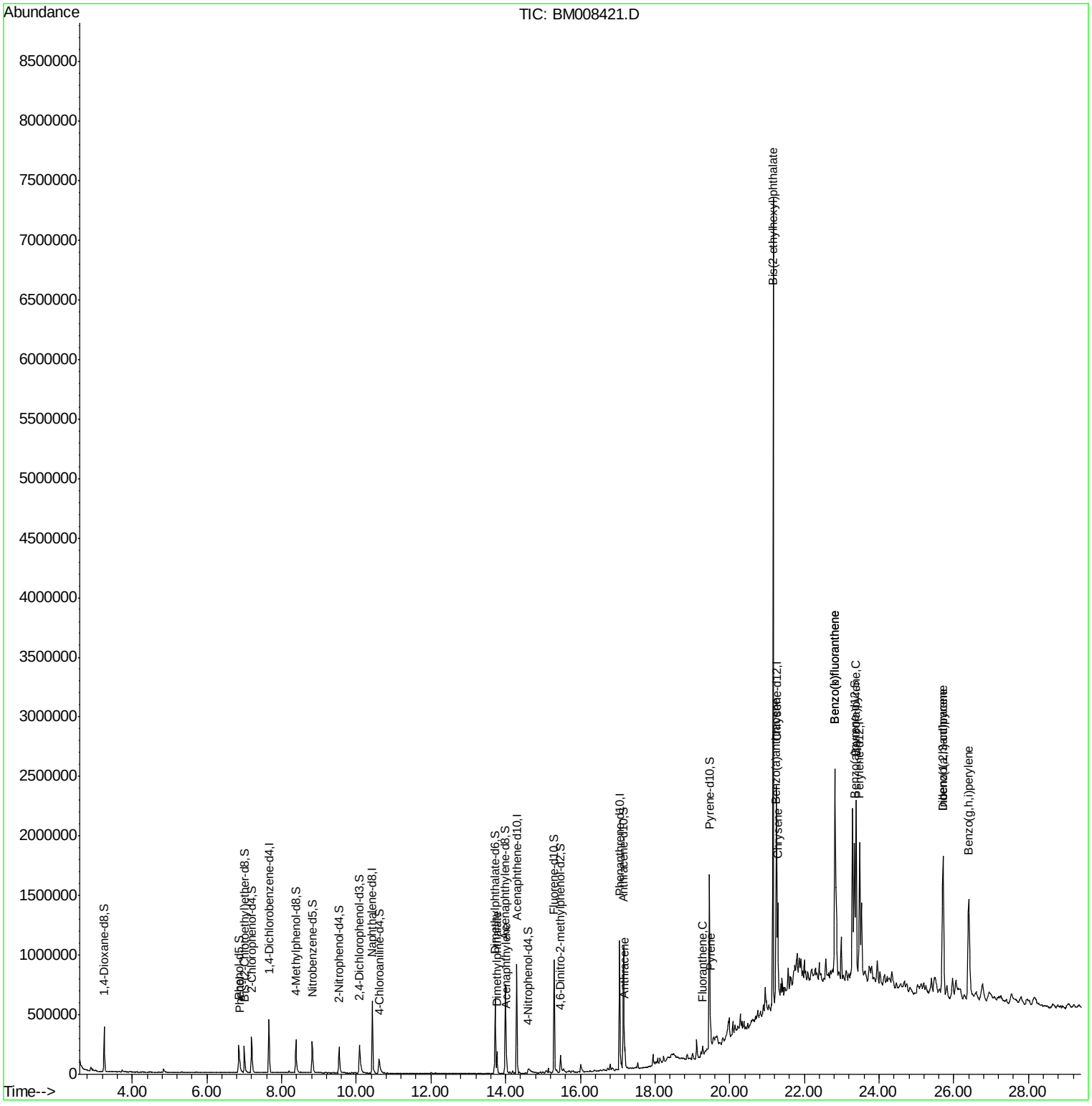
(#) = qualifier out of range (m) = manual integration (+) = signals summed

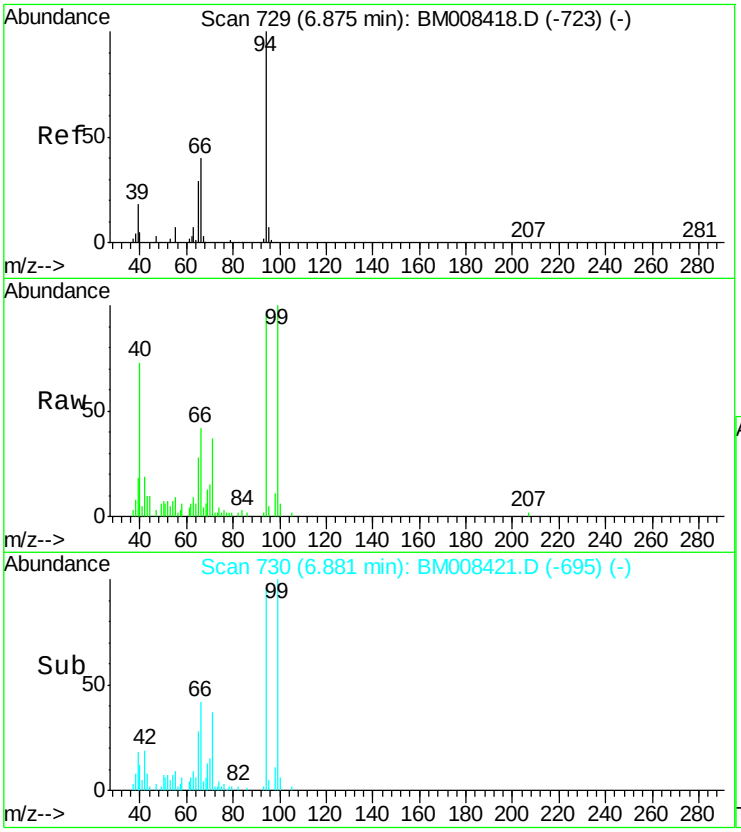
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008421.D
Acq On : 17 Dec 2016 20:49
Operator : UM/SJ
Sample : H6067-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1

Quant Time: Dec 18 04:19:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration



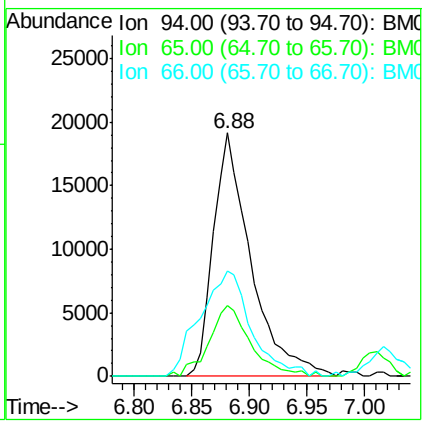


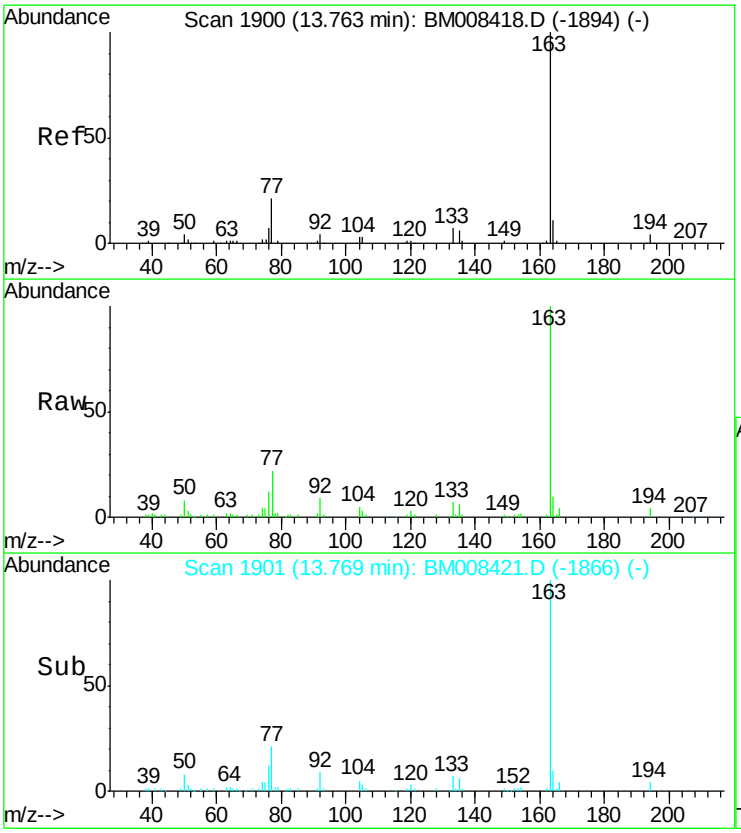
#6
Phenol
Concen: 4.21 ng/ul
RT: 6.88 min Scan# 730
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion: 94 Resp: 43416

Ion	Ratio	Lower	Upper
94	100		
65	29.3	22.6	34.0
66	43.5	35.8	53.8

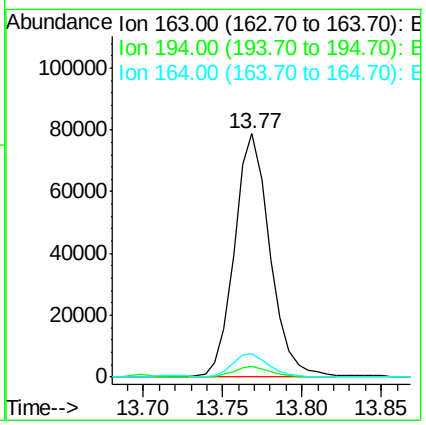


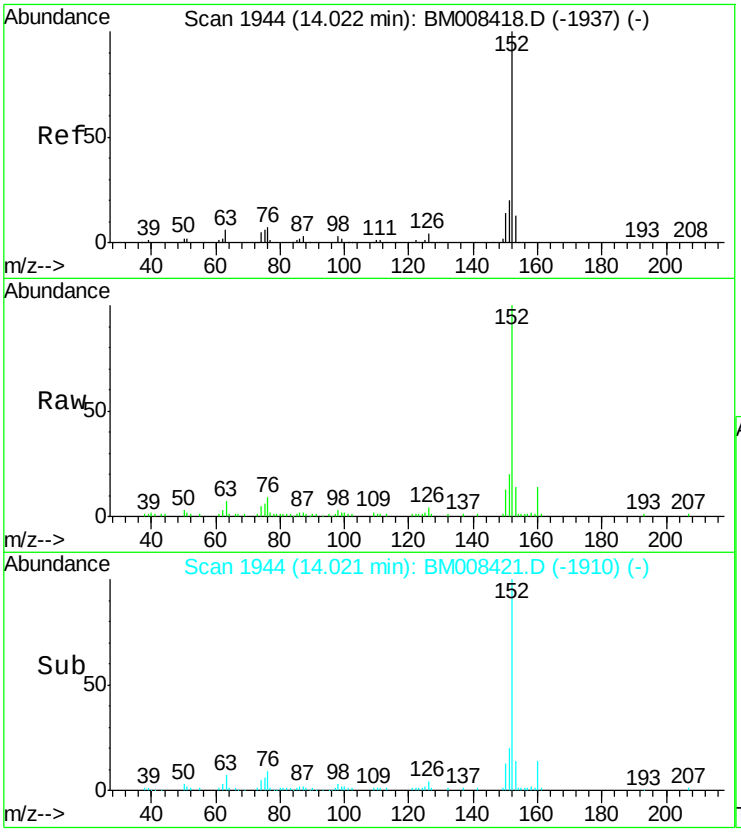


#44
Dimethylphthalate
Concen: 5.93 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:163 Resp: 122652

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.5	7.8	11.8



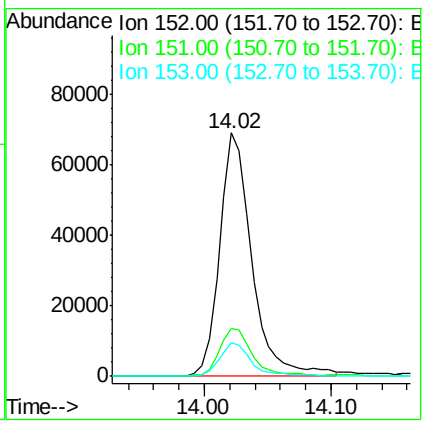


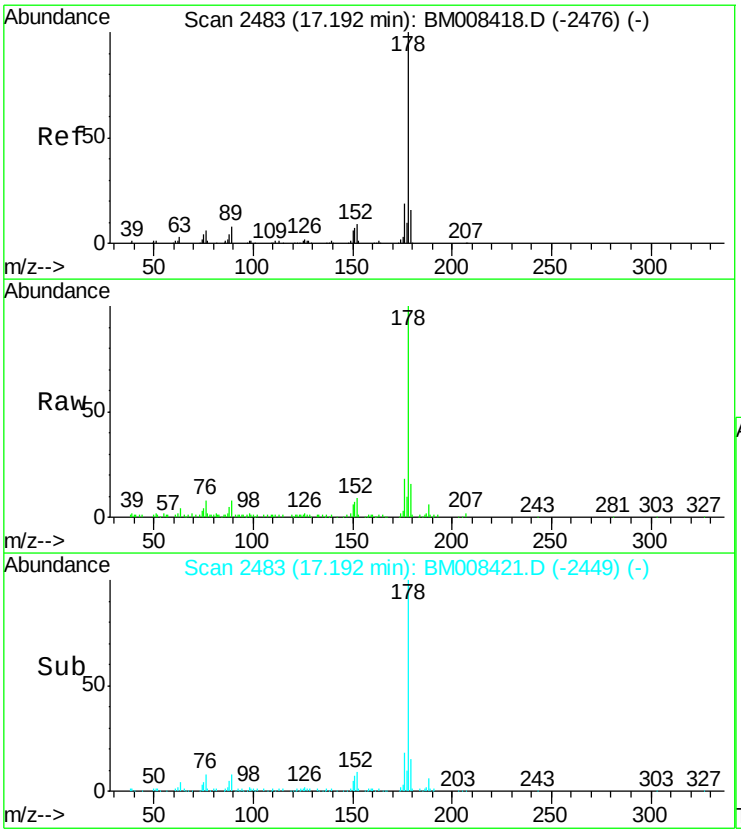
#47
Acenaphthylene
Concen: 4.81 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:152 Resp: 122027

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	13.6	9.9	14.9

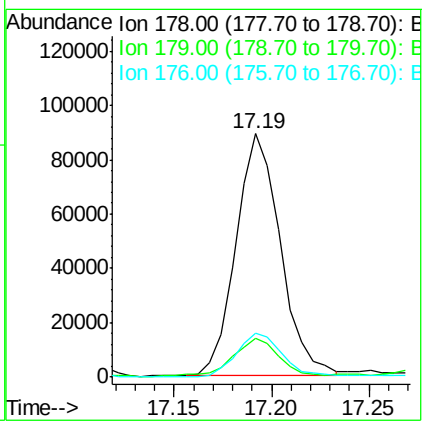


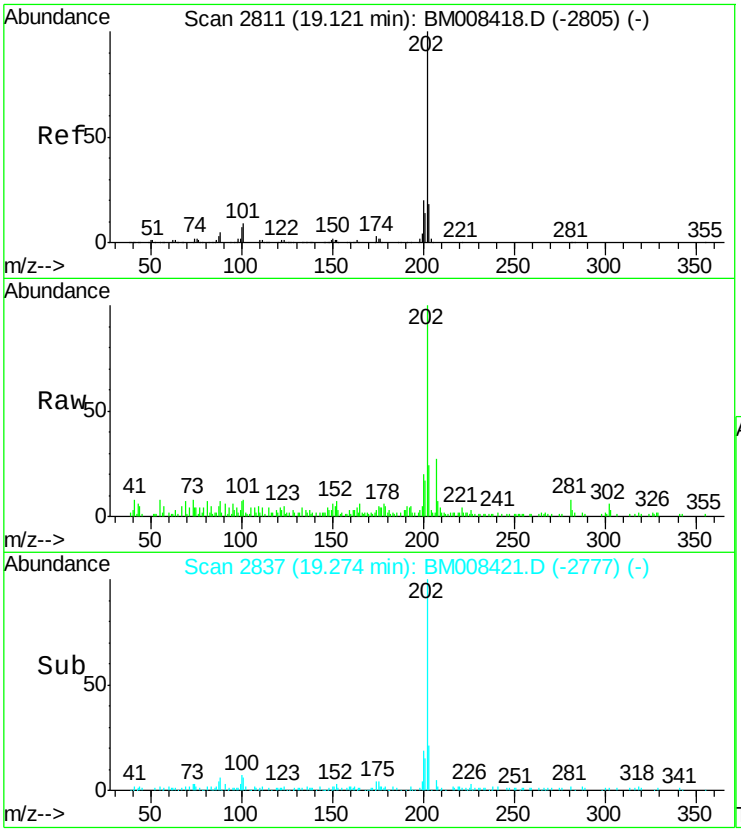


#71
Anthracene
Concen: 4.30 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:178 Resp: 141089

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.0	14.3	21.5



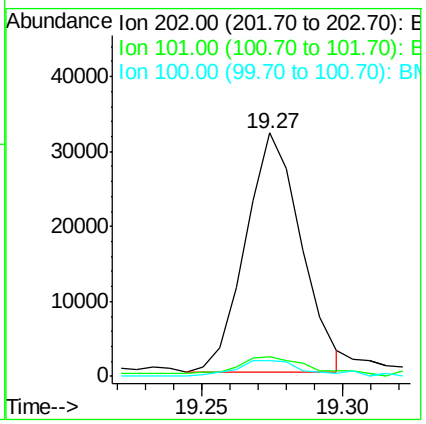


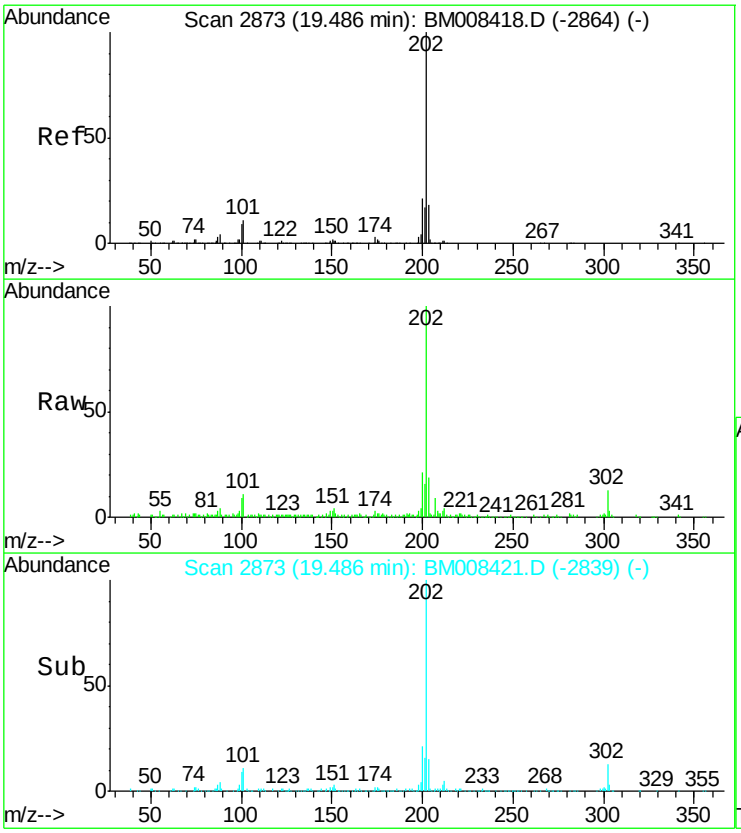
#74
Fluoranthene
Concen: 1.09 ng/ul
RT: 19.27 min Scan# 2837
Delta R.T. 0.15 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:202 Resp: 43420

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.6	10.0
100	6.6	5.3	7.9

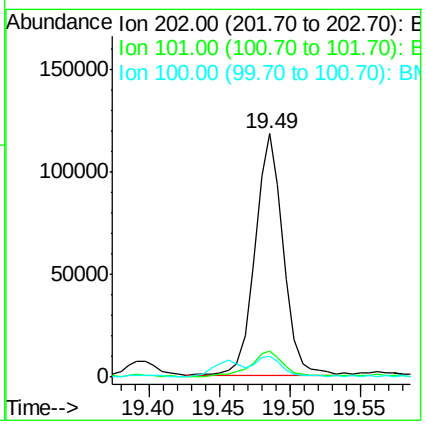


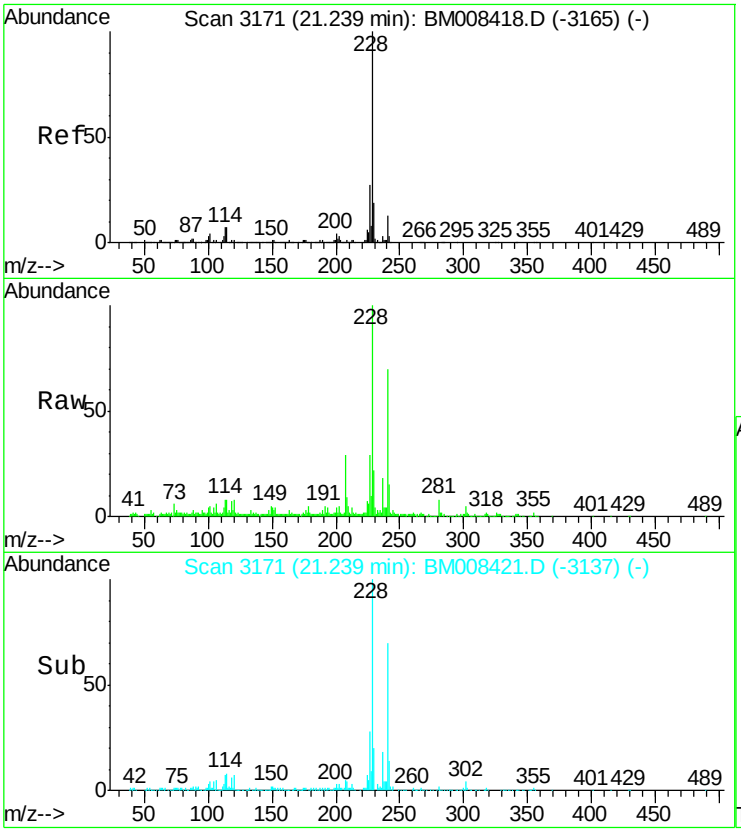


#77
Pyrene
Concen: 4.16 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:202 Resp: 165846

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	8.6	7.0	10.6



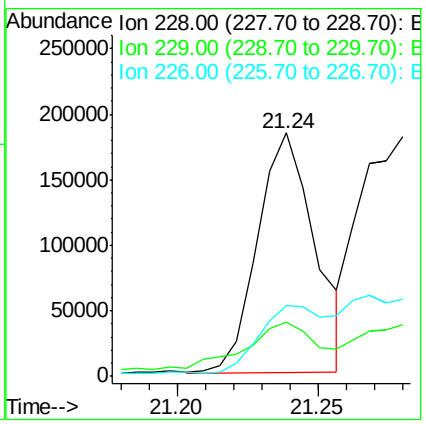


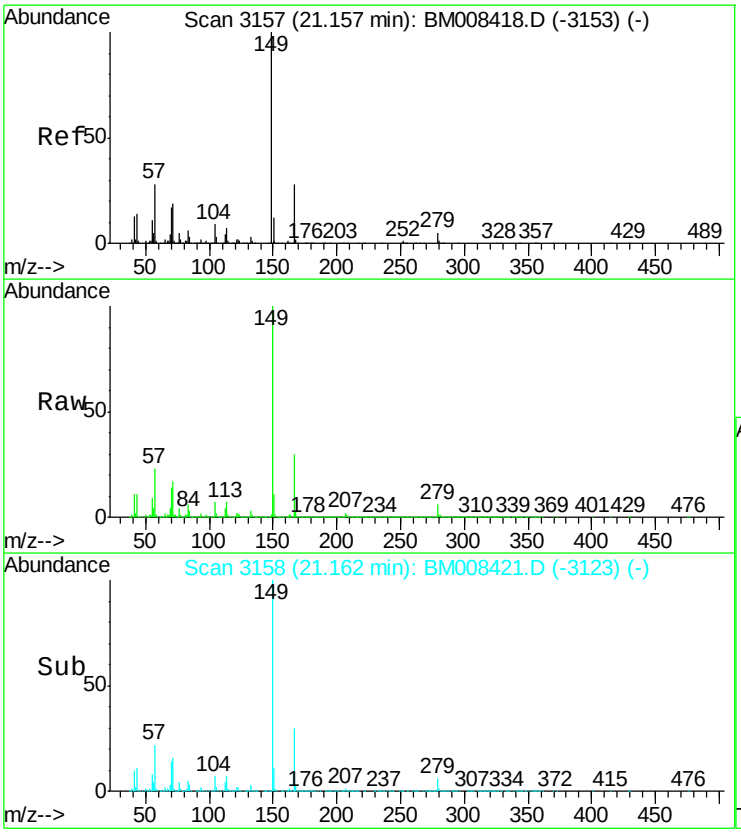
#80
Benzo(a)anthracene
Concen: 6.18 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:228 Resp: 259032

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.4	23.2
226	29.1	21.2	31.8

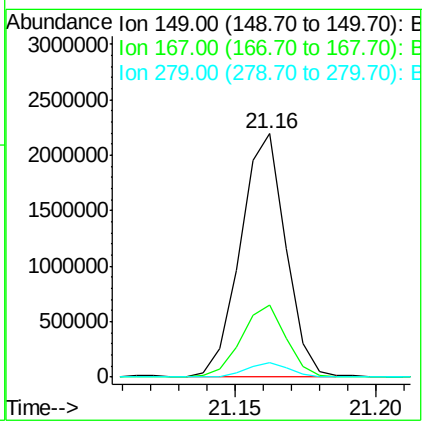


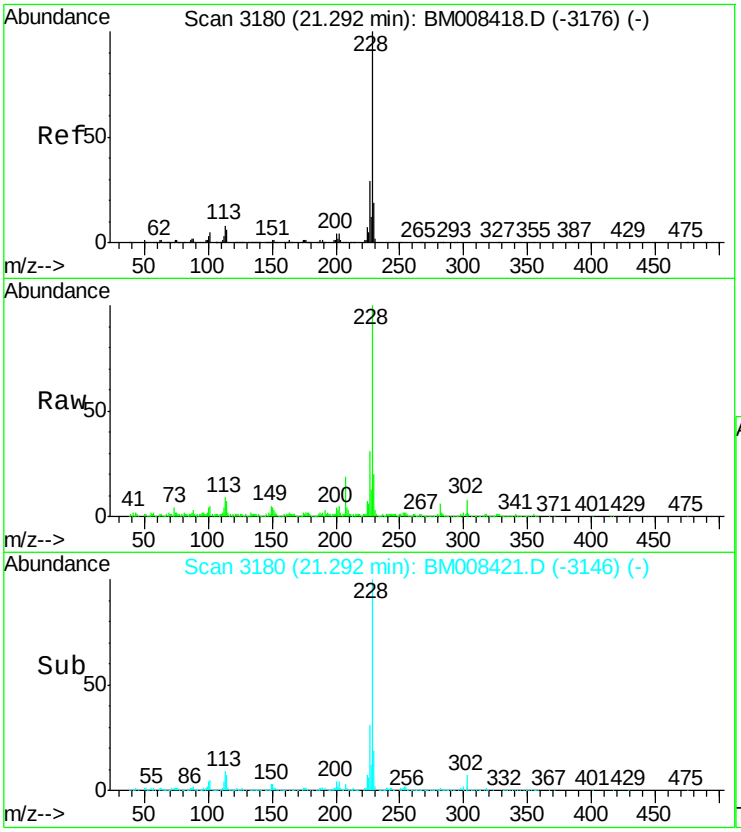


#81
Bis(2-ethylhexyl)phthalate
Concen: 115.79 ng/ul
RT: 21.16 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:149 Resp: 2423100

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	34.0
279	5.8	4.2	6.4



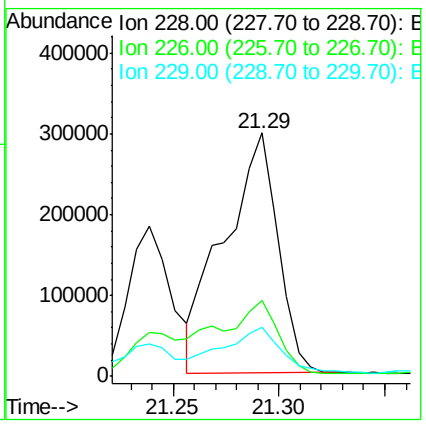


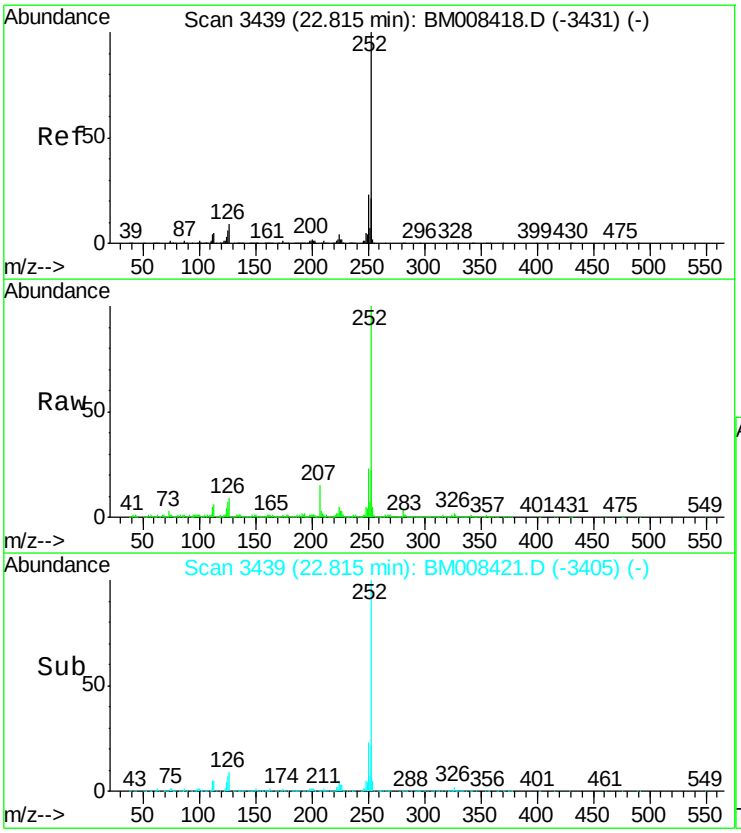
#82
Chrysene
Concen: 13.08 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:228 Resp: 527426

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.1	34.7
229	20.2	15.4	23.2

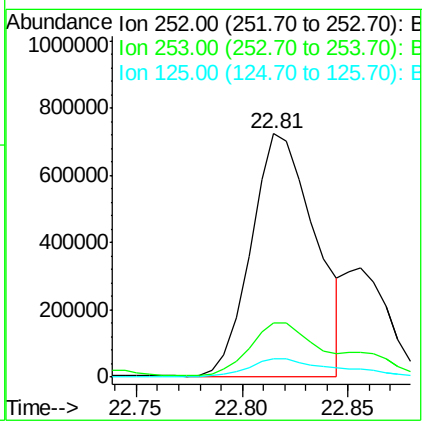


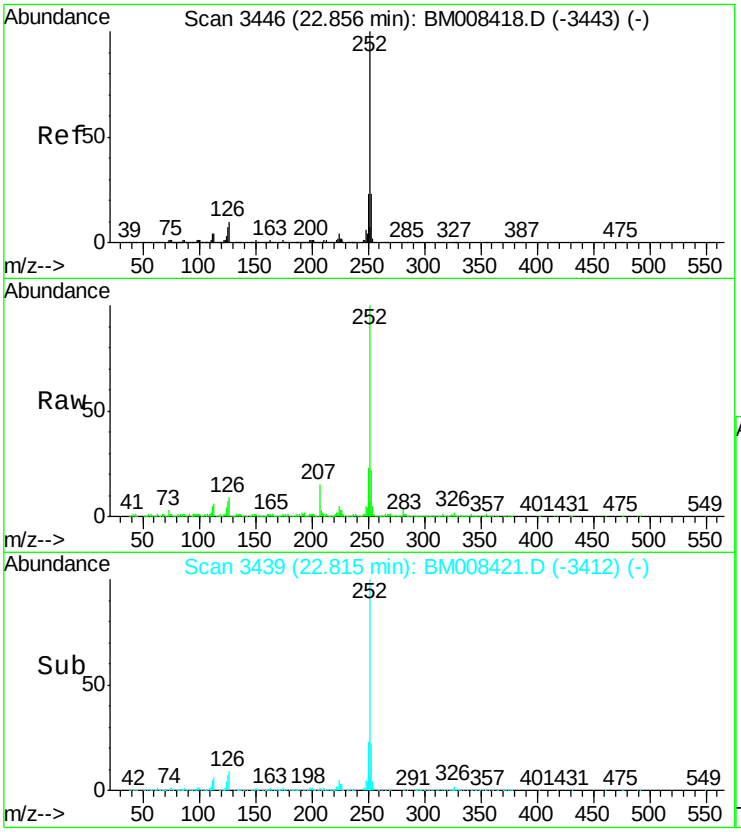


#85
Benzo(b)fluoranthene
Concen: 32.76 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:252 Resp: 1517948

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.5	5.4	8.2



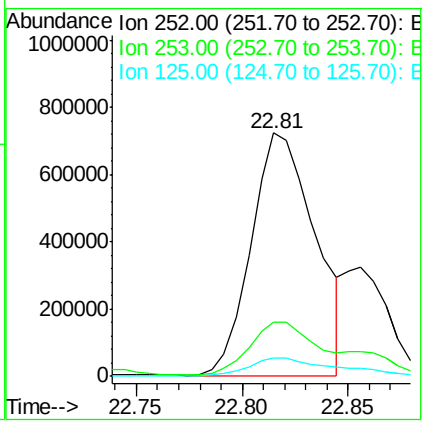


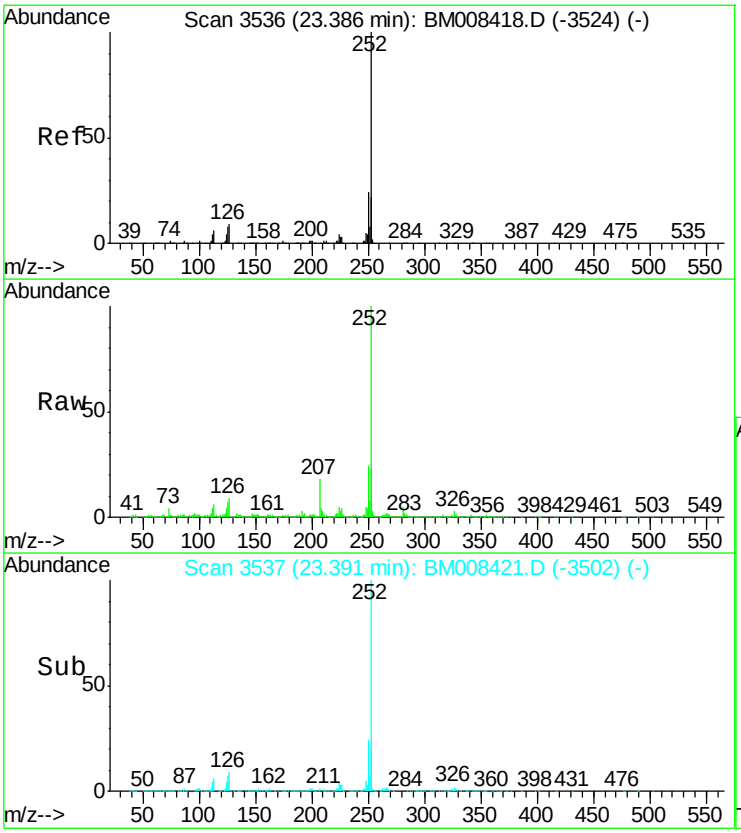
#86
Benzo(k)fluoranthene
Concen: 34.24 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. -0.04 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:252 Resp: 1517948

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	7.5	5.8	8.6

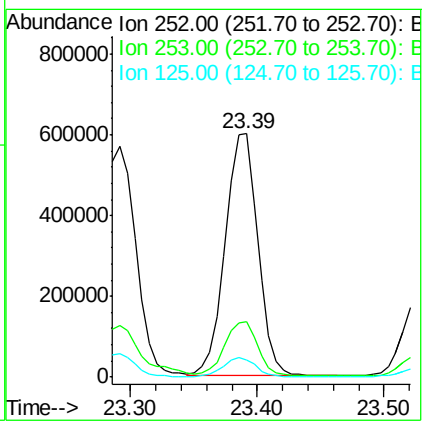


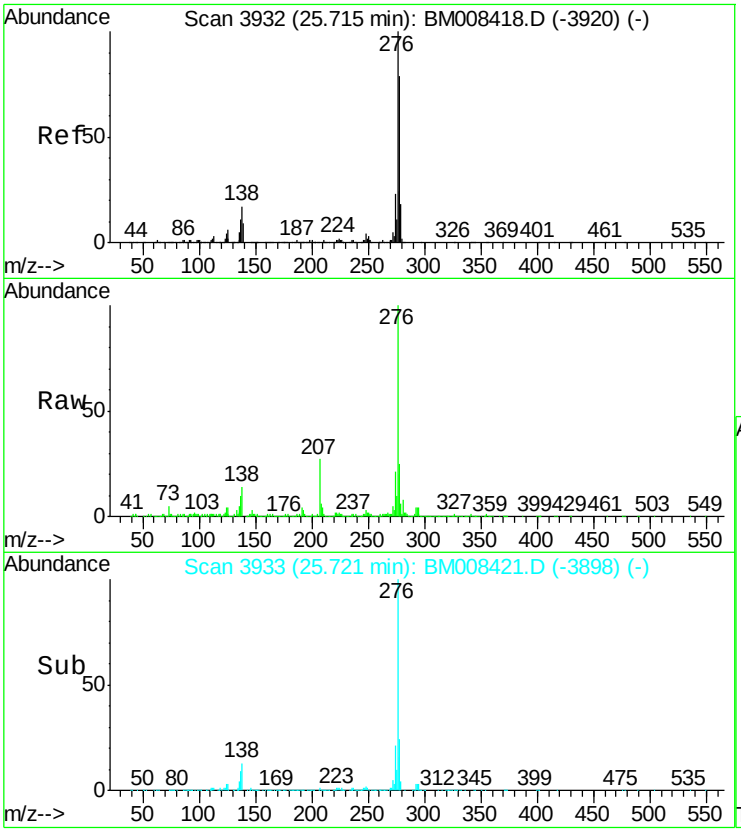


#88
Benzo(a)pyrene
Concen: 23.76 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:252 Resp: 1060742

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	7.2	6.6	9.8



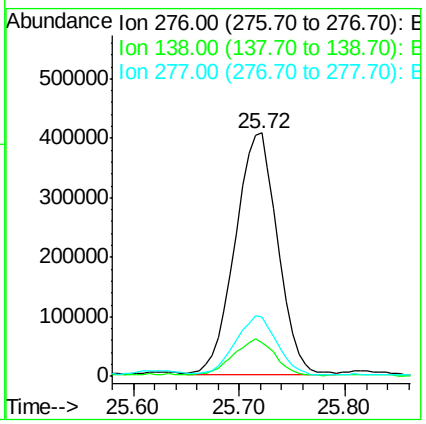


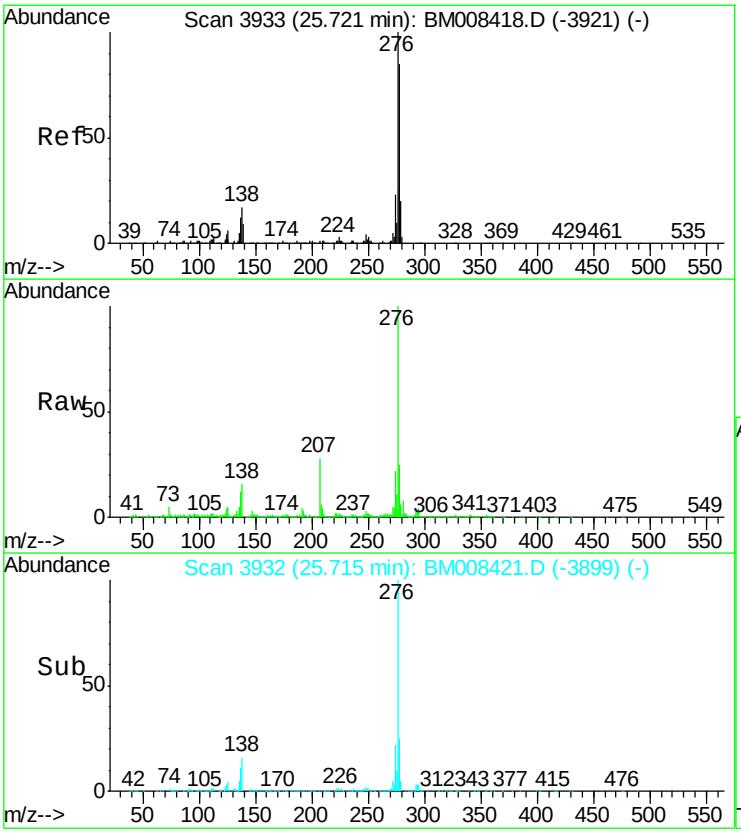
#89
Indeno(1,2,3-cd)pyrene
Concen: 20.95 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:276 Resp: 1135533

Ion	Ratio	Lower	Upper
276	100		
138	13.6	13.4	20.2
277	24.5	19.7	29.5

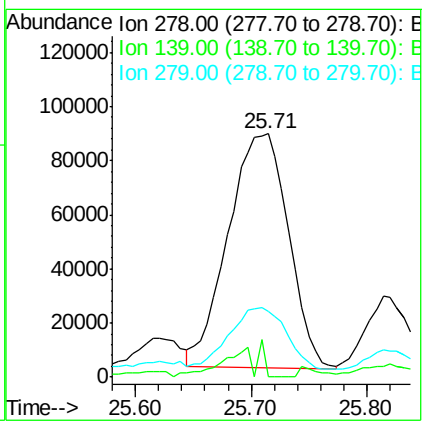


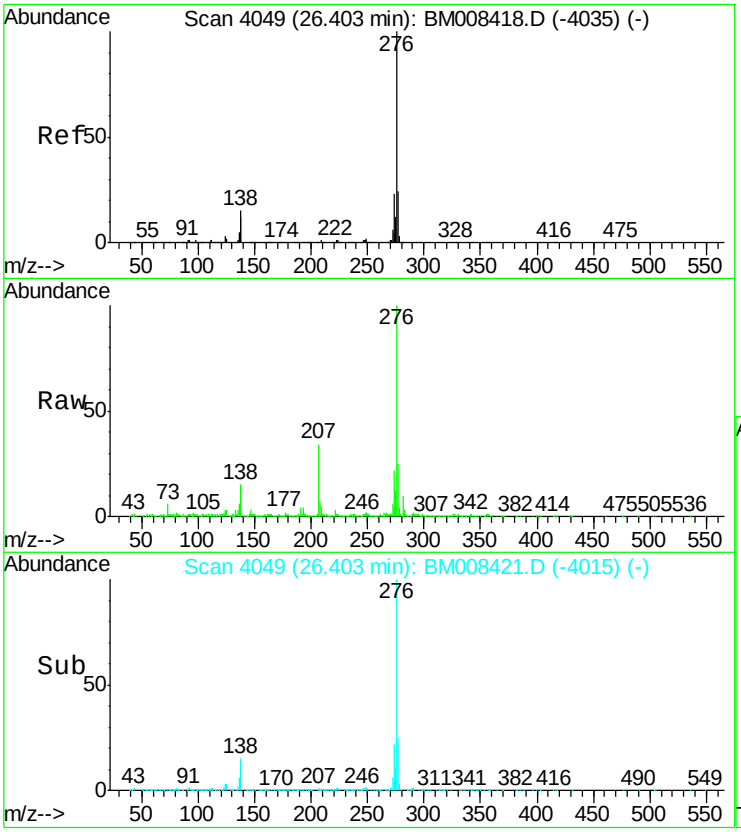


#90
Dibenzo(a,h)anthracene
Concen: 6.87 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Tgt Ion:278 Resp: 312858

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	27.1	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 22.21 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. -0.00 min
Lab File: BM008421.D
Acq: 17 Dec 2016 20:49

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:276 Resp: 1006940

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.0	18.0
277	25.0	19.4	29.0