Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
Data File : BM001876.D
Acq On : 07 Jul 2015 22:48
Operator : TP/UM
Sample : G2861-04RE
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 08 05:36:00 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	68715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	243172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	136251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	303984	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	352587	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	369106	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	5664	3.93	ng/uL	0.00
5) Phenol-d5	6.83	99	118550	22.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	65991	22.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	102042	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	94543	22.32	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	45460	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	53419	29.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	98480	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	113062	28.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	273190	27.04	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	297222	22.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	37048	19.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	207178	22.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	28191	15.18	ng/ul	0.00
70) Anthracene-d10	17.17	188	348760	24.63	ng/ul	0.00
78) Pyrene-d10	19.47	212	329294	22.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	332622	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	2373	1.44	ng/uL#	1
44) Dimethylphthalate	13.78	163	92533	8.38	ng/ul	99
69) Phenanthrene	17.11	178	49603	3.01	ng/ul	97
71) Anthracene	17.20	178	17969	1.06	ng/ul	98
76) Fluoranthene	19.13	202	121815	6.18	ng/ul	98
79) Pyrene	19.50	202	117307	6.00	ng/ul	98
82) Benzo(a)anthracene	21.25	228	110634	5.37	ng/ul	96
84) Chrysene	21.30	228	99251	5.08	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	172590	8.03	ng/ul	99
88) Benzo(k)fluoranthene	22.83	252	67167	3.23	ng/ul	98
90) Benzo(a)pyrene	23.40	252	143505	6.87	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.74	276	112709	4.55	ng/ul	95
92) Dibenzo(a,h)anthracene	25.74	278	28692	1.37	ng/ul#	90
93) Benzo(g,h,i)perylene	26.44	276	101632	4.88	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070615\
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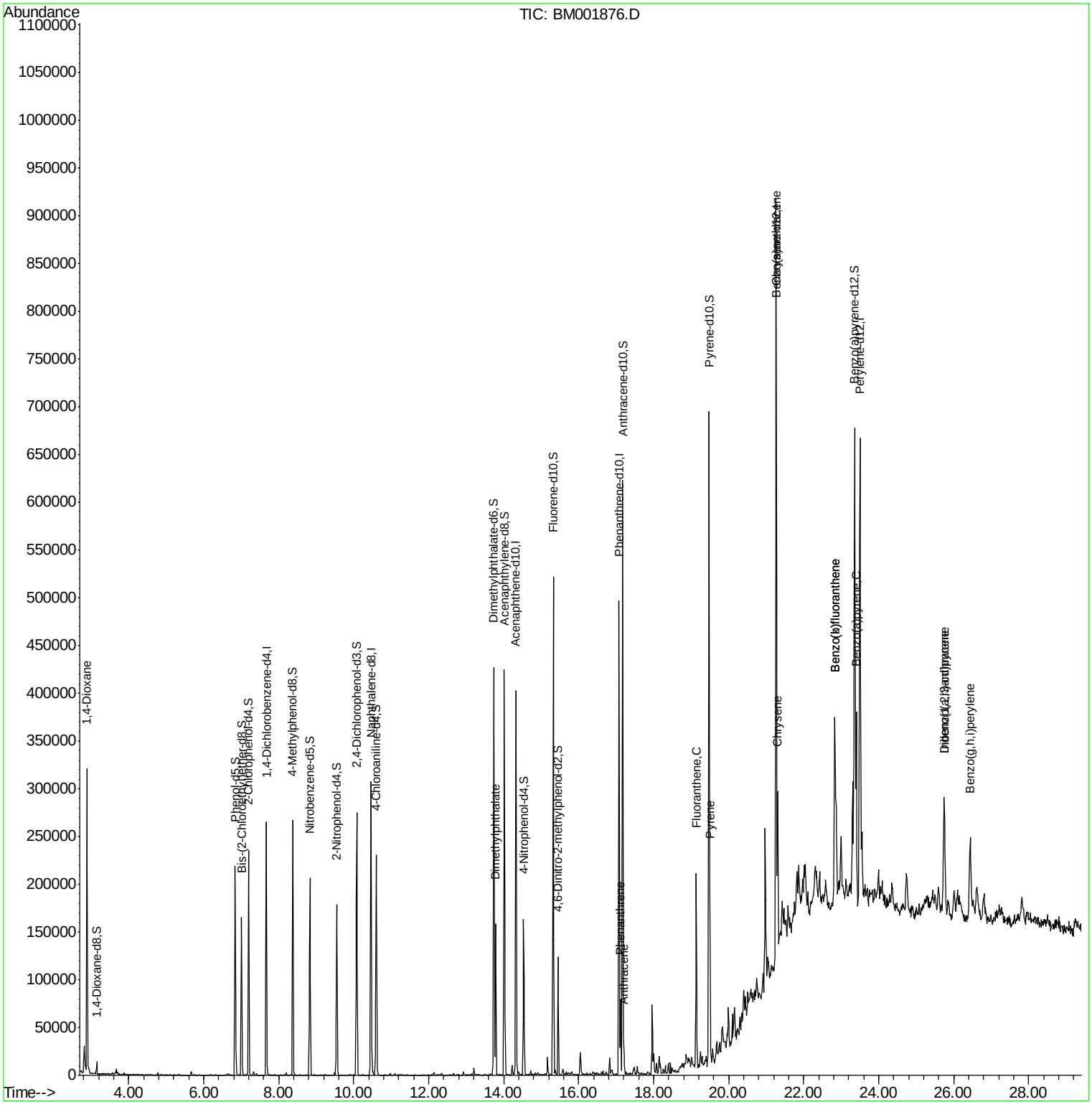
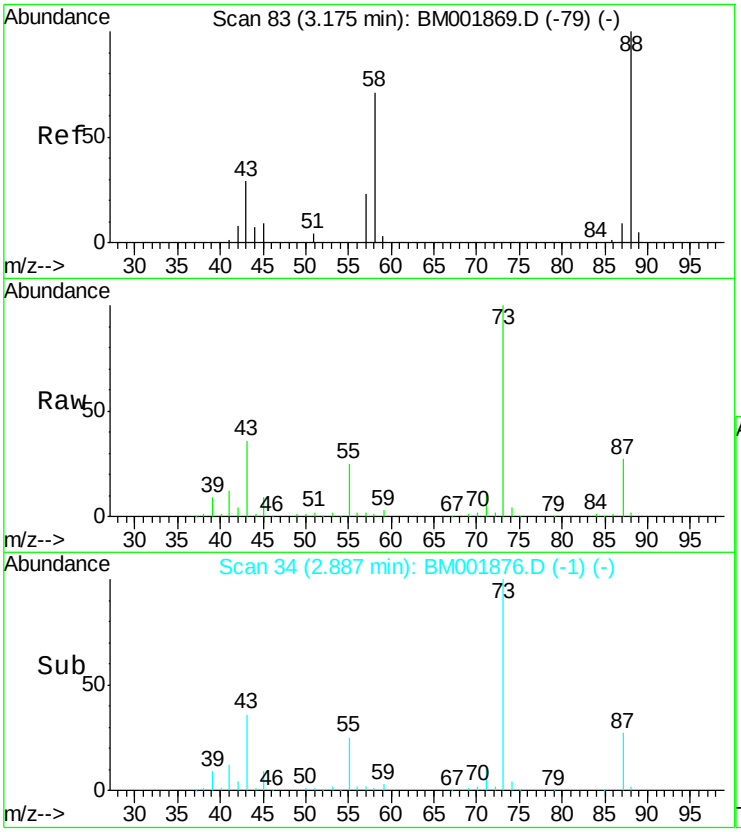
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 08 05:36:00 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration



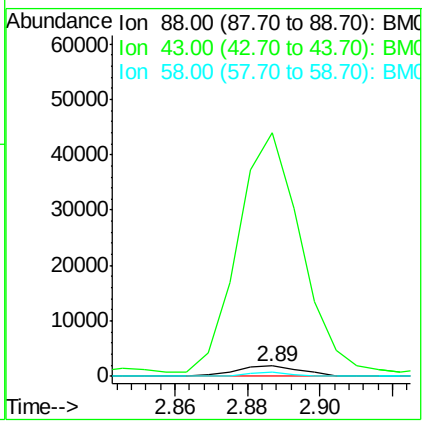


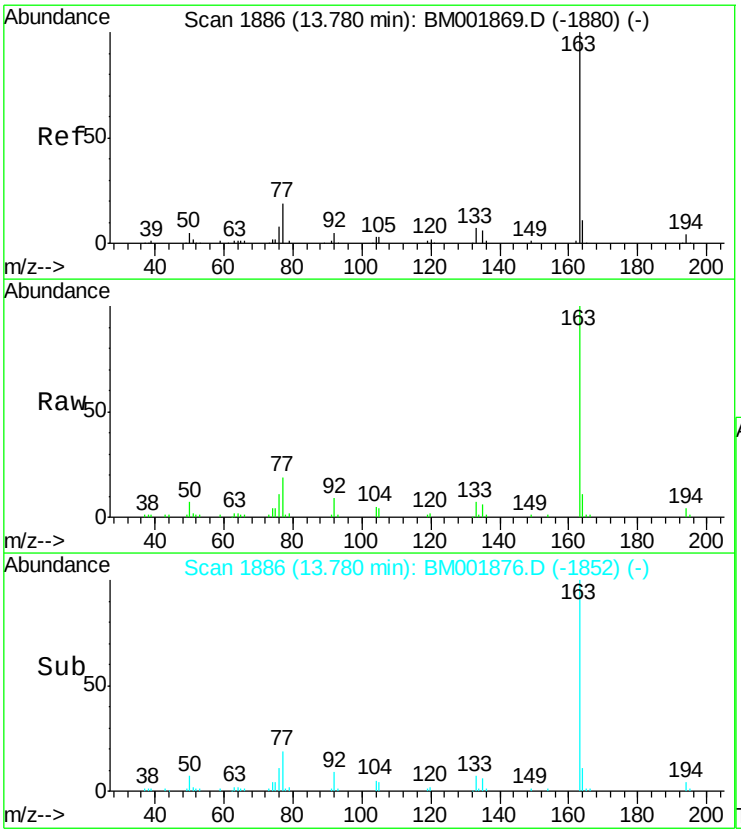
#2
1,4-Dioxane
Concen: 1.44 ng/uL
RT: 2.89 min Scan# 34
Delta R.T. -0.29 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2373

Ion	Ratio	Lower	Upper
88	100		
43	2207.8	24.2	36.4#
58	23.9	56.2	84.2#

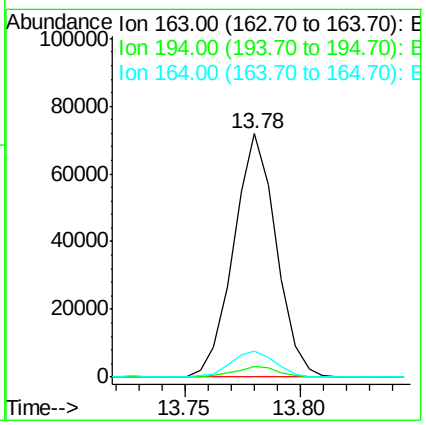


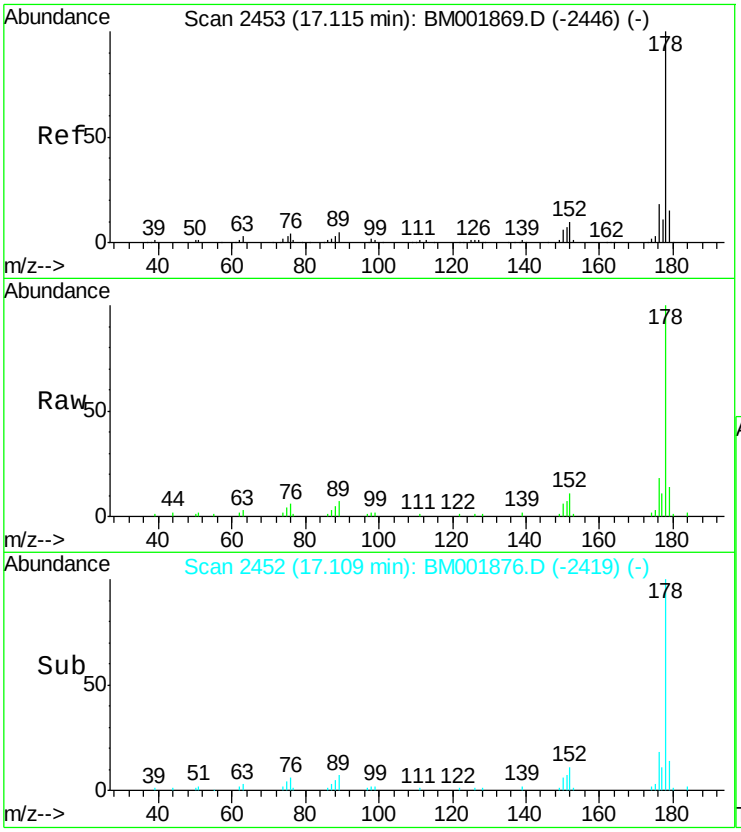


#44
Dimethylphthalate
Concen: 8.38 ng/ul
RT: 13.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:163 Resp: 92533

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.0	12.0



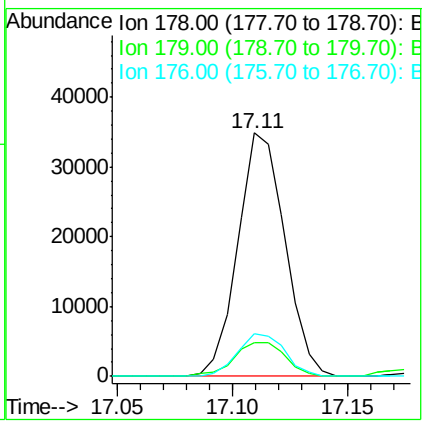


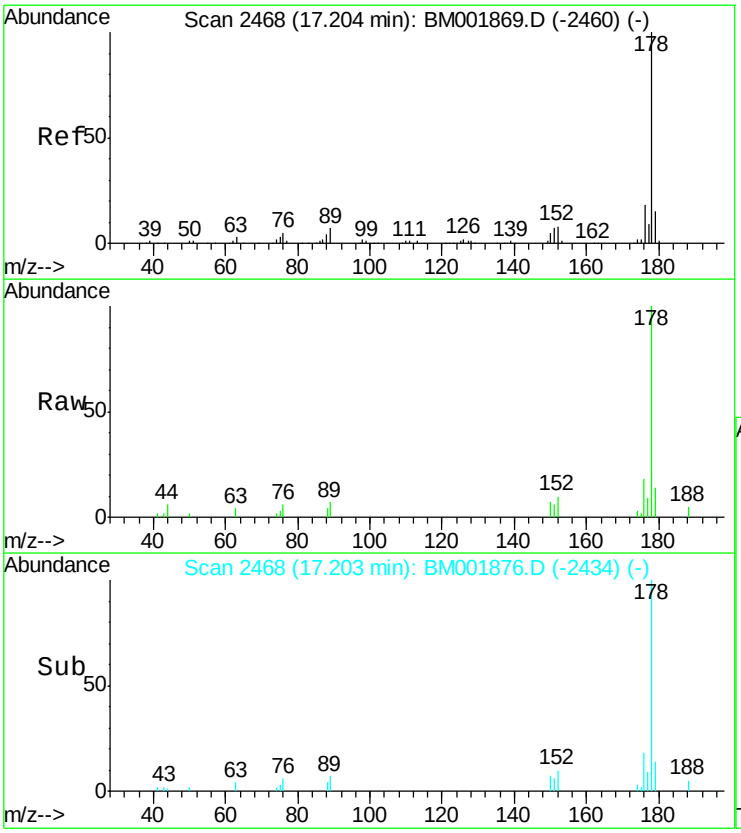
#69
Phenanthrene
Concen: 3.01 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 49603

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.9	17.9
176	17.6	15.2	22.8

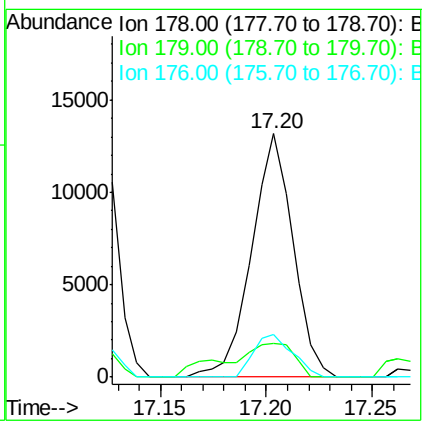


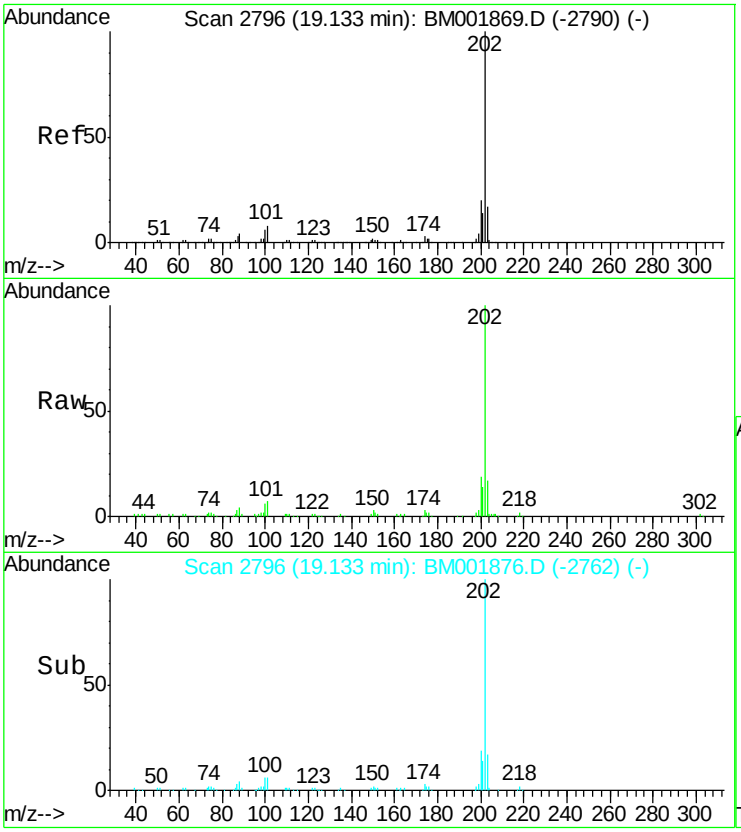


#71
Anthracene
Concen: 1.06 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:178 Resp: 17969

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.8	17.8
176	17.6	14.4	21.6



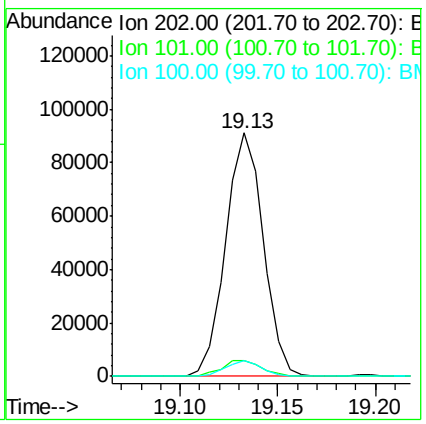


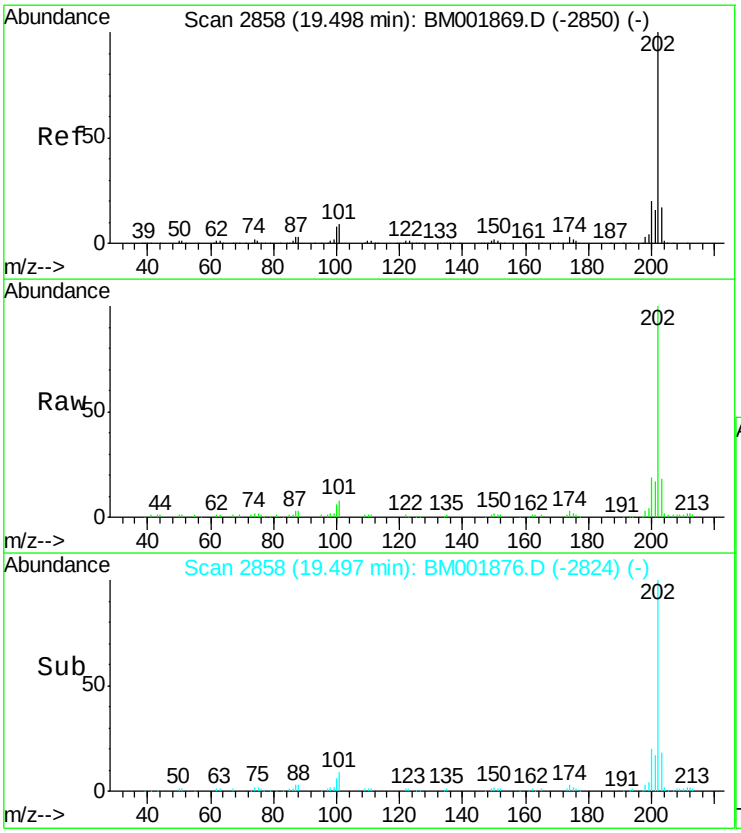
#76
Fluoranthene
Concen: 6.18 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 121815

Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.1	9.1
100	6.4	4.8	7.2

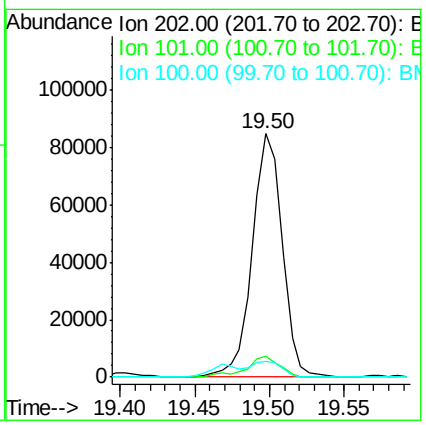


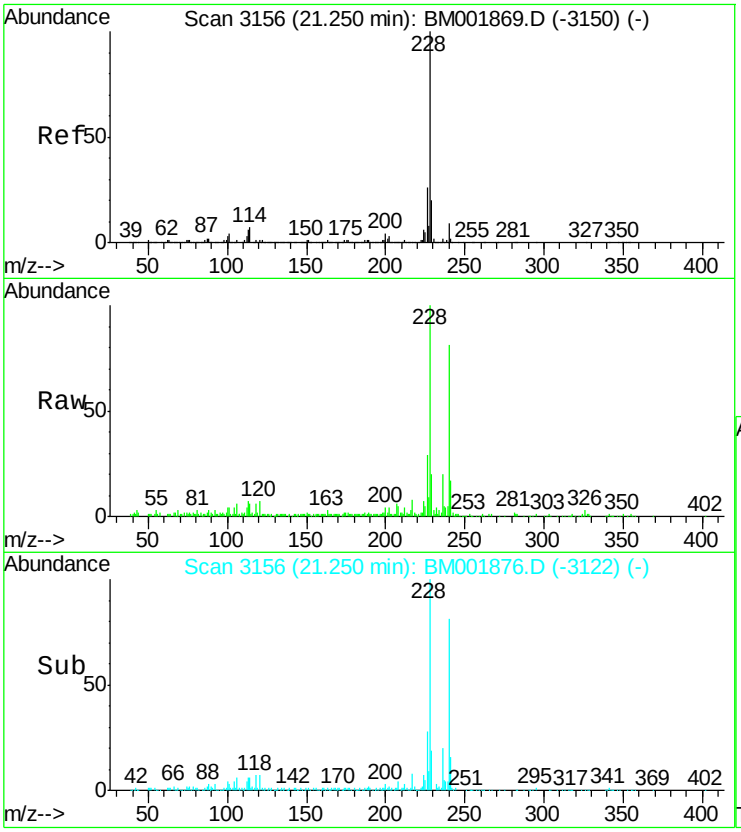


#79
Pyrene
Concen: 6.00 ng/ul
RT: 19.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:202 Resp: 117307

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.2	6.2	9.2



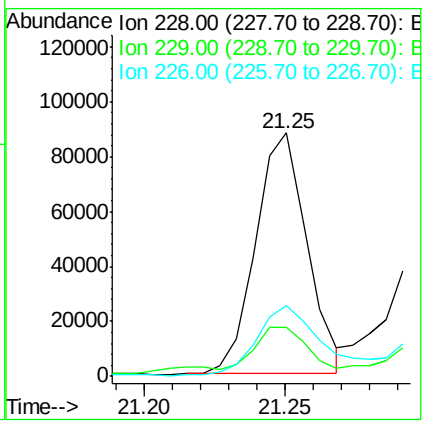


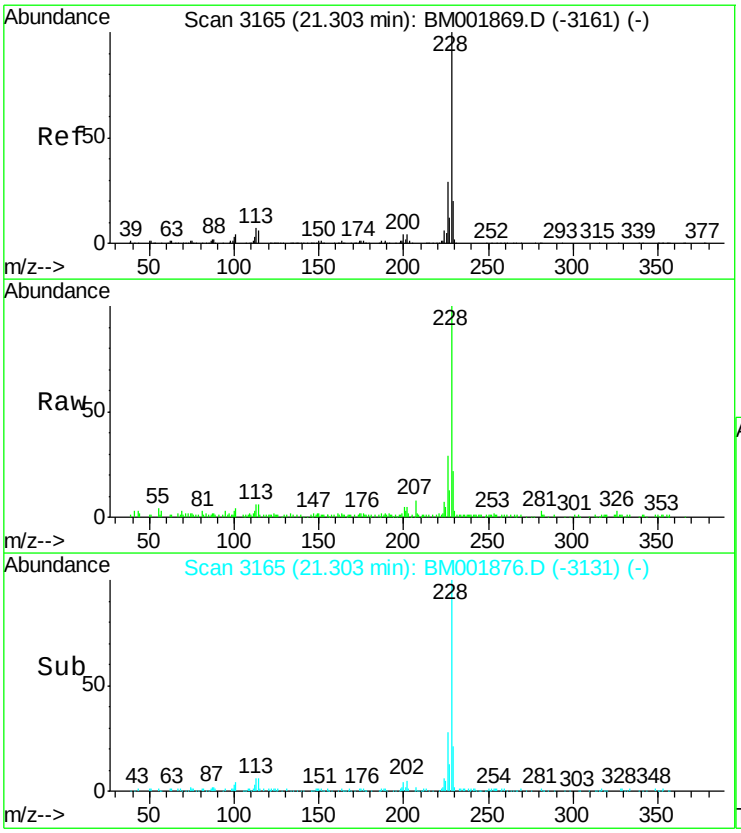
#82
Benzo(a)anthracene
Concen: 5.37 ng/ul
RT: 21.25 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 110634

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	29.0	20.6	30.8

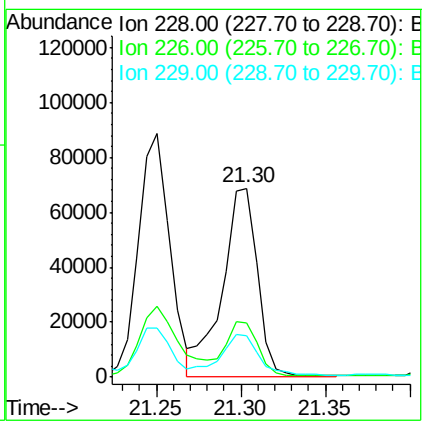


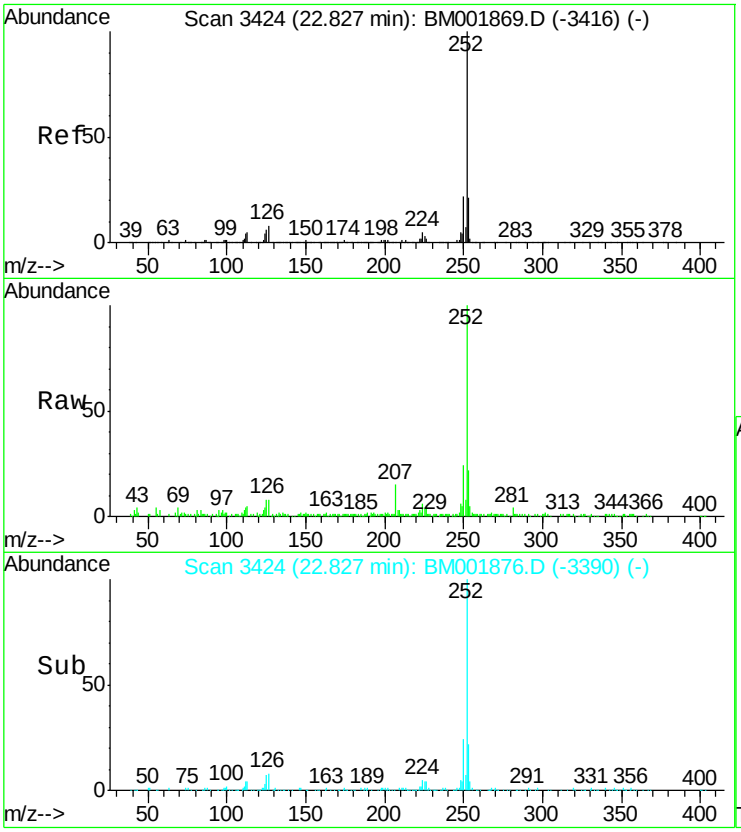


#84
Chrysene
Concen: 5.08 ng/ul
RT: 21.30 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:228 Resp: 99251

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.4
229	21.9	15.4	23.2



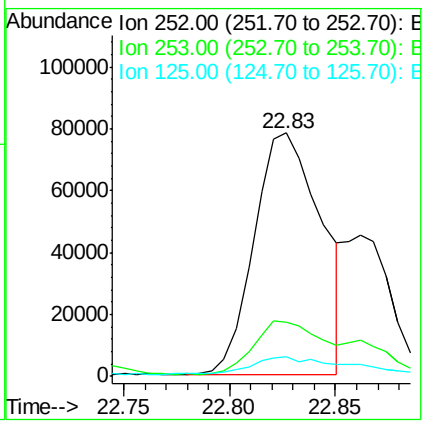


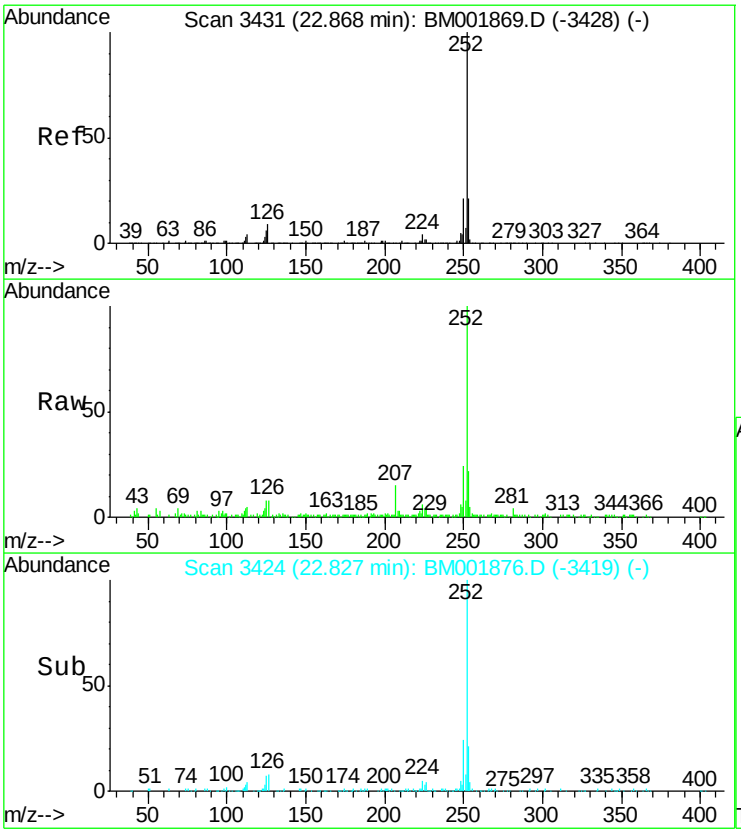
#87
Benzo(b)fluoranthene
Concen: 8.03 ng/ul
RT: 22.83 min Scan# 3424
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 172590

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.8	5.3	7.9

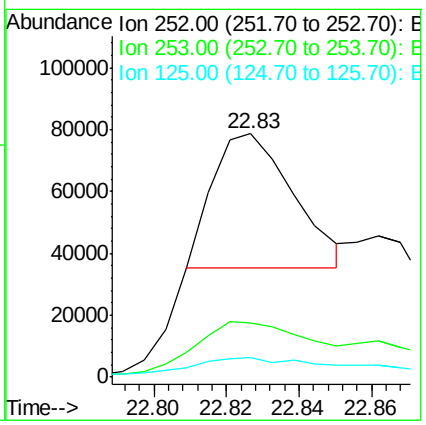


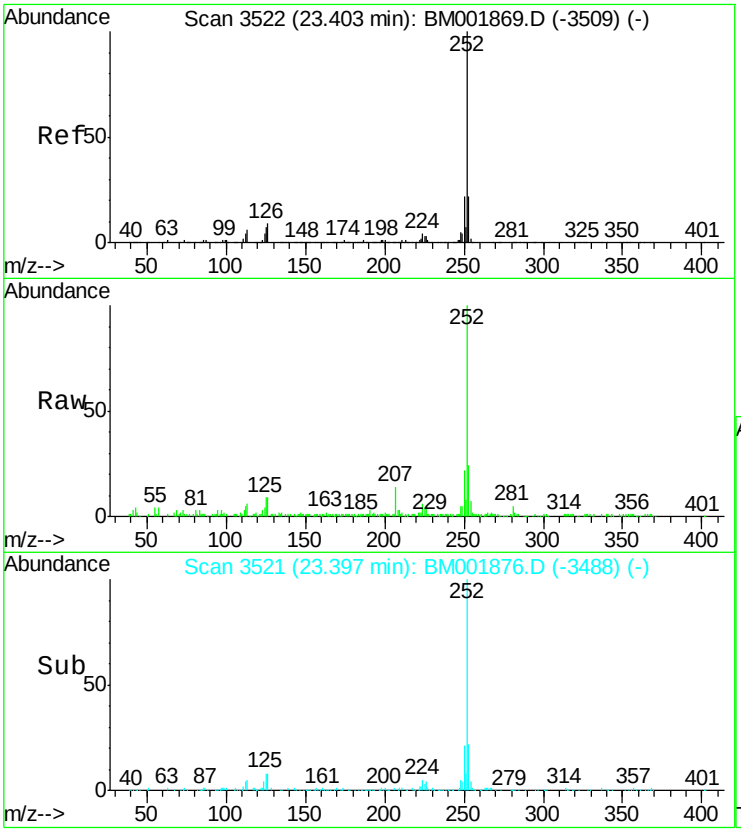


#88
Benzo(k)fluoranthene
Concen: 3.23 ng/ul
RT: 22.83 min Scan# 3424
Delta R.T. -0.04 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:252 Resp: 67167

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.8	5.3	7.9



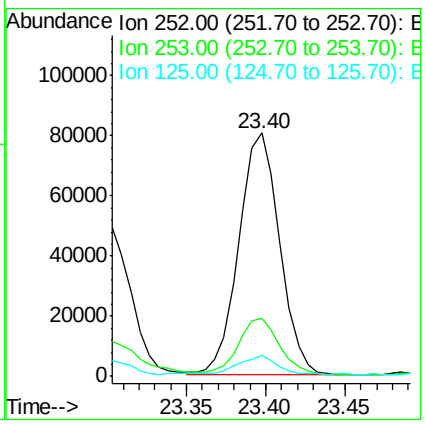


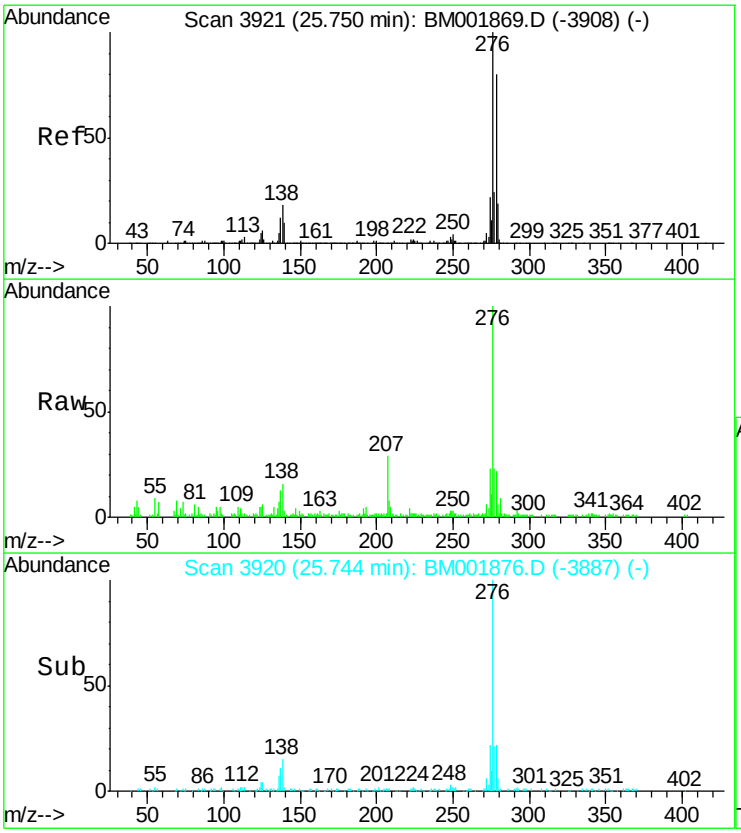
#90
Benzo(a)pyrene
Concen: 6.87 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 143505

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	8.5	6.0	9.0

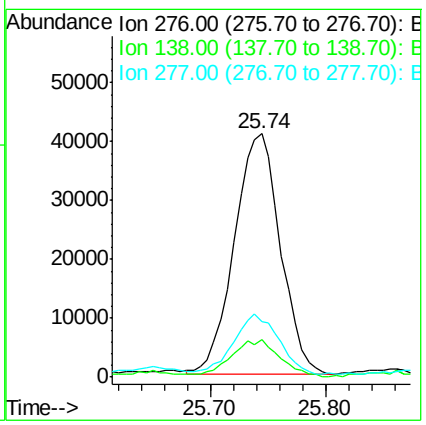


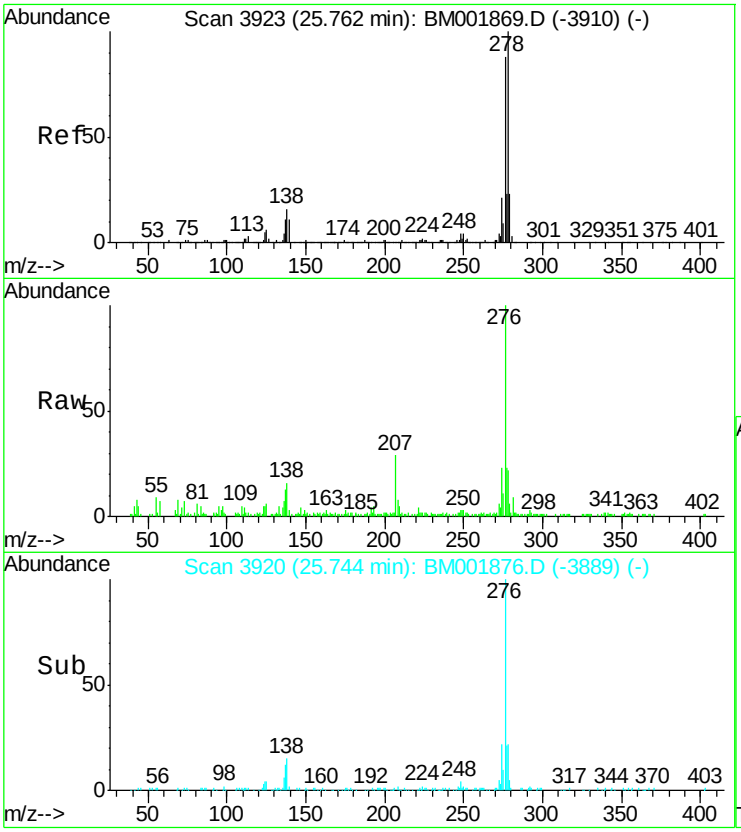


#91
Indeno(1,2,3-cd)pyrene
Concen: 4.55 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:276 Resp: 112709

Ion	Ratio	Lower	Upper
276	100		
138	15.5	14.7	22.1
277	22.7	19.7	29.5



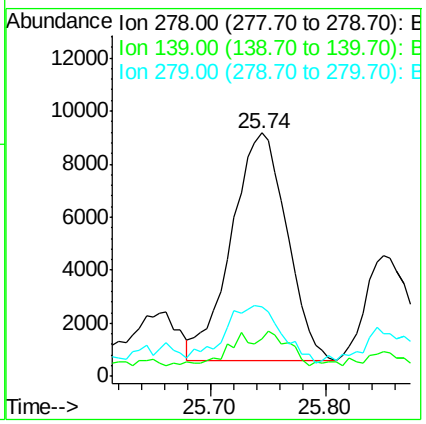


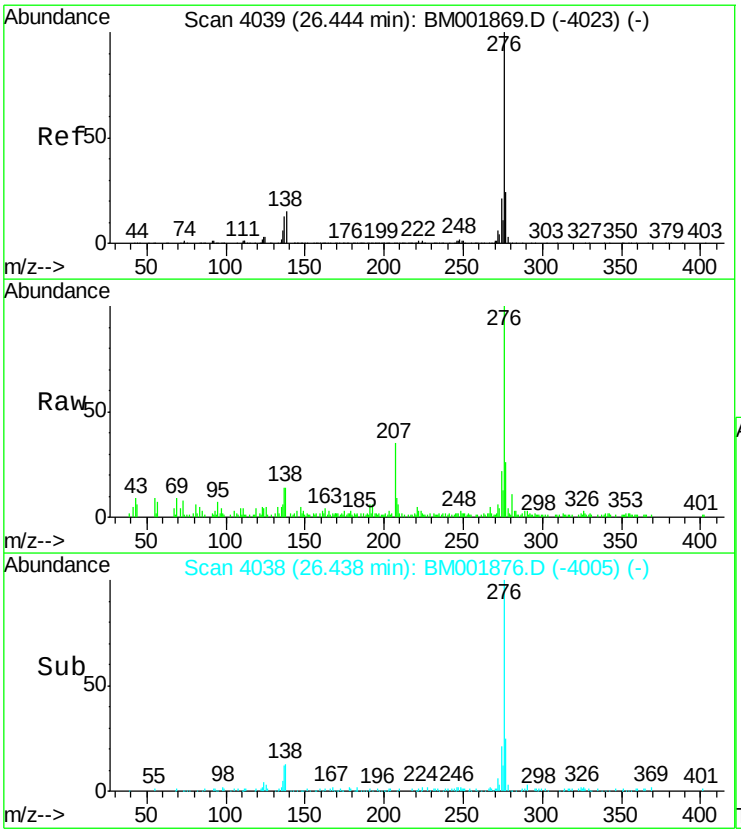
#92
Dibenzo(a,h)anthracene
Concen: 1.37 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 28692

Ion	Ratio	Lower	Upper
278	100		
139	15.4	9.2	13.8#
279	28.5	19.1	28.7





#93
Benzo(g,h,i)perylene
Concen: 4.88 ng/ul
RT: 26.44 min Scan# 4038
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion:276 Resp: 101632

Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.6	19.0
277	25.7	18.7	28.1