Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02M0

Quant Time: Jul 21 01:39:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	91907	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	374783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	233111	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	527495	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	535975	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	440548	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7557	4.02	ng/uL	0.00
5) Phenol-d5	6.82	99	178305	23.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	100039	24.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	147716	24.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	145319	23.58	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	72873	26.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	83608	26.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	155813	24.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	123014	19.06	ng/ul	0.03
43) Dimethylphthalate-d6	13.72	166	440493	23.43	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	545378	24.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	67199	21.10	ng/ul	0.00
57) Fluorene-d10	15.30	176	384448	23.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	33029	9.67	ng/ul	0.00
70) Anthracene-d10	17.16	188	561252	22.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	608020	24.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	426066	19.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.88	88	2451	1.24	ng/uL#	1
16) 4-Methylphenol	8.43	108	9468	1.47	ng/ul	96
44) Dimethylphthalate	13.77	163	115330	6.03	ng/ul	99
69) Phenanthrene	17.10	178	127023	4.44	ng/ul	100
76) Fluoranthene	19.12	202	206041	6.17	ng/ul	98
79) Pyrene	19.49	202	217783	6.79	ng/ul	98
82) Benzo(a)anthracene	21.30	228	115717	3.63	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.17	149	29223	1.63	ng/ul#	95
84) Chrysene	21.30	228	117072	3.92	ng/ul	96
87) Benzo(b)fluoranthene	22.82	252	112784	4.18	ng/ul#	88
88) Benzo(k)fluoranthene	22.82	252	51926	2.00	ng/ul#	86
90) Benzo(a)pyrene	23.39	252	69105	2.72	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.73	276	44783	1.68	ng/ul	95
93) Benzo(g,h,i)perylene	26.42	276	43404	1.98	ng/ul	95

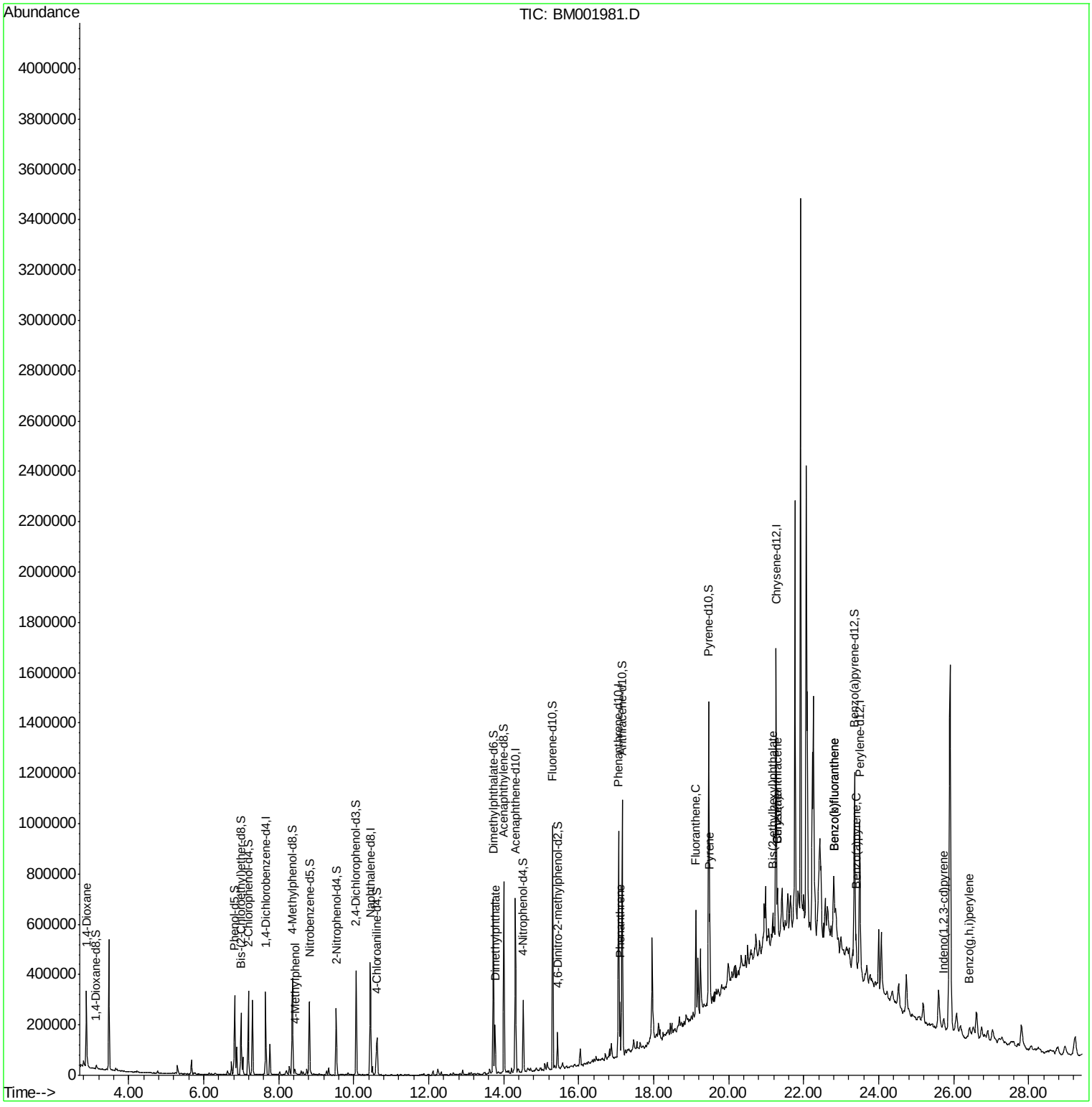
(#) = qualifier out of range (m) = manual integration (+) = signals summed

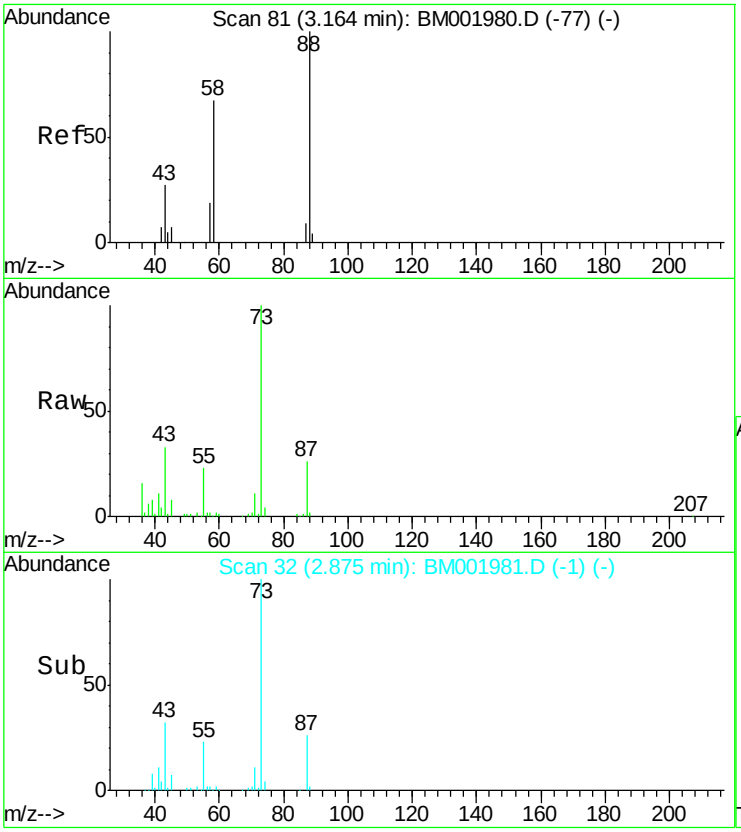
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001981.D
Acq On : 20 Jul 2015 19:28
Operator : TP/UM
Sample : G3000-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02M0

Quant Time: Jul 21 01:39:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:37 2015
Response via : Initial Calibration



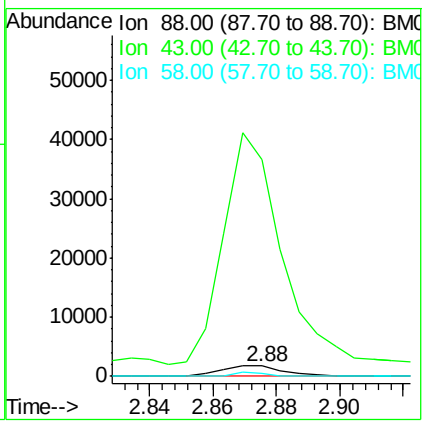


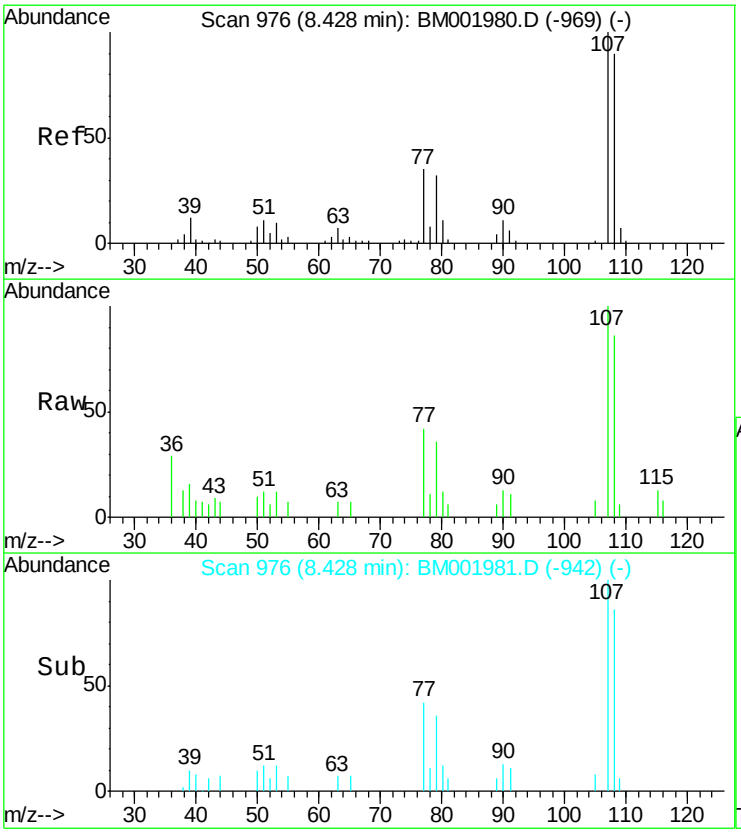
#2
1,4-Dioxane
Concen: 1.24 ng/uL
RT: 2.88 min Scan# 32
Delta R.T. -0.29 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion: 88 Resp: 2451

Ion	Ratio	Lower	Upper
88	100		
43	2120.6	22.1	33.1#
58	14.6	54.9	82.3#

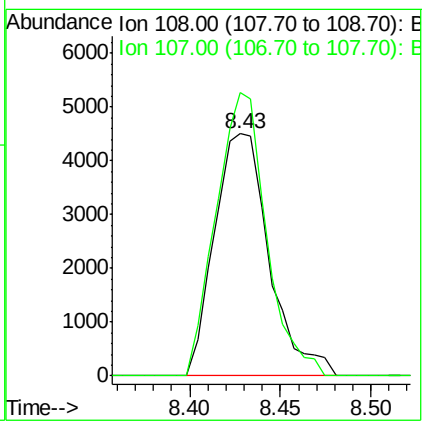


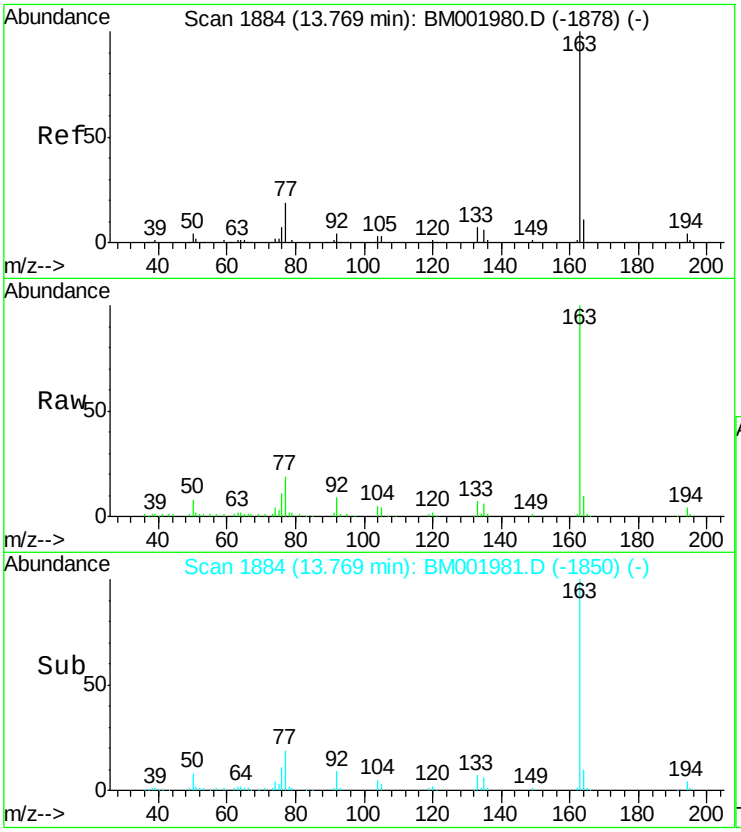


#16
4-Methylphenol
Concen: 1.47 ng/ul
RT: 8.43 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:108 Resp: 9468

Ion	Ratio	Lower	Upper
108	100		
107	116.8	90.3	135.5



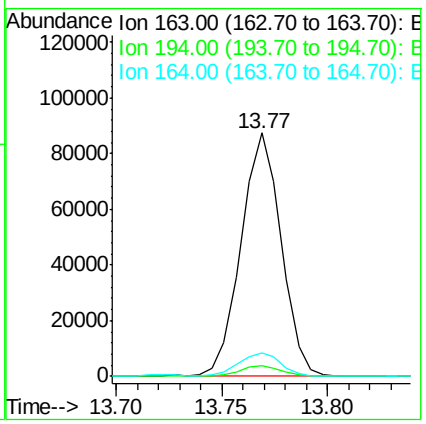


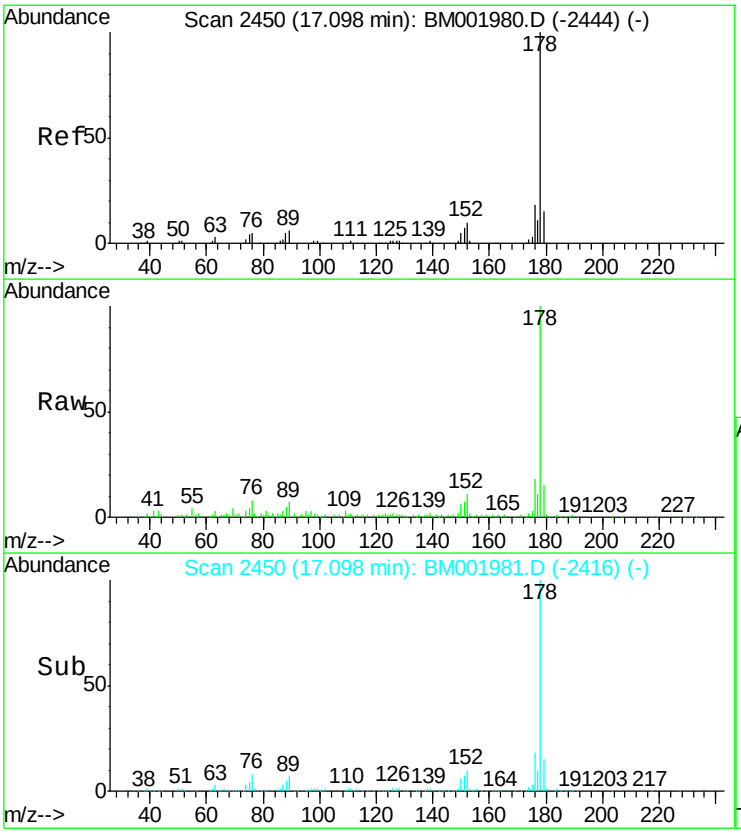
#44
Dimethylphthalate
Concen: 6.03 ng/ul
RT: 13.77 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion:163 Resp: 115330

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.9	7.6	11.4

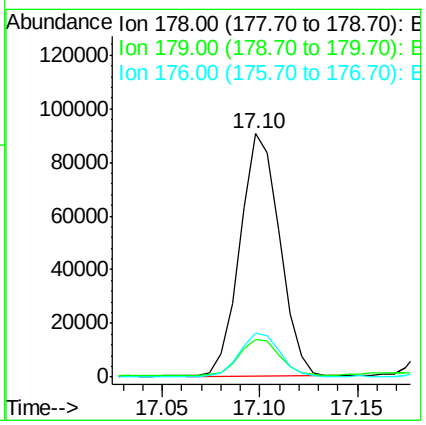


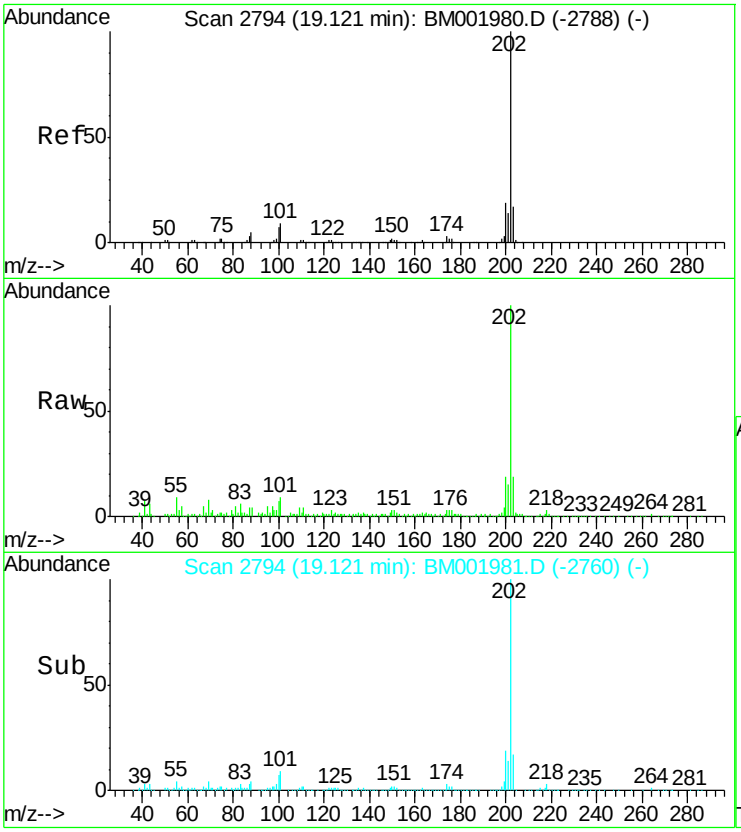


#69
Phenanthrene
Concen: 4.44 ng/ul
RT: 17.10 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:178 Resp: 127023

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.2	14.5	21.7



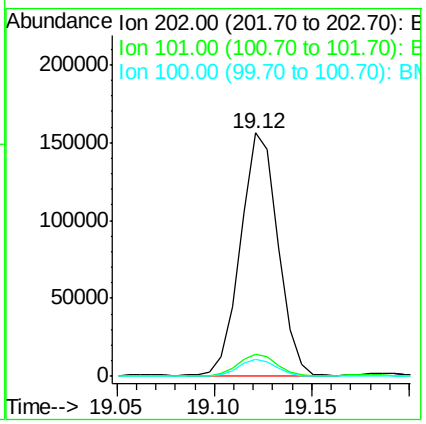


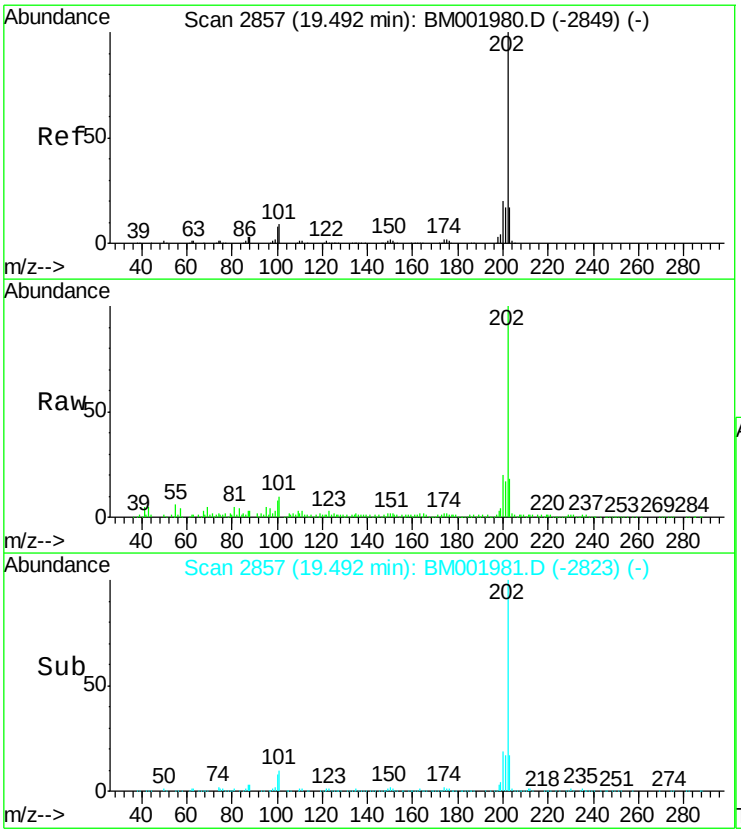
#76
Fluoranthene
Concen: 6.17 ng/ul
RT: 19.12 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion:202 Resp: 206041

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.6	9.8
100	7.2	5.2	7.8

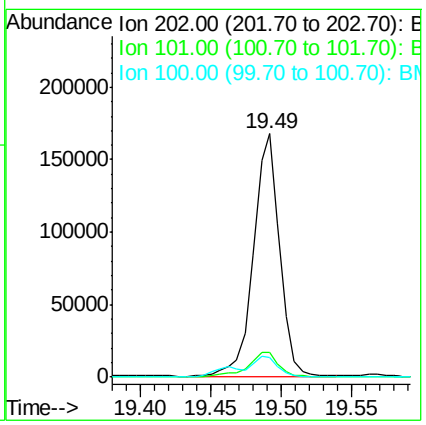


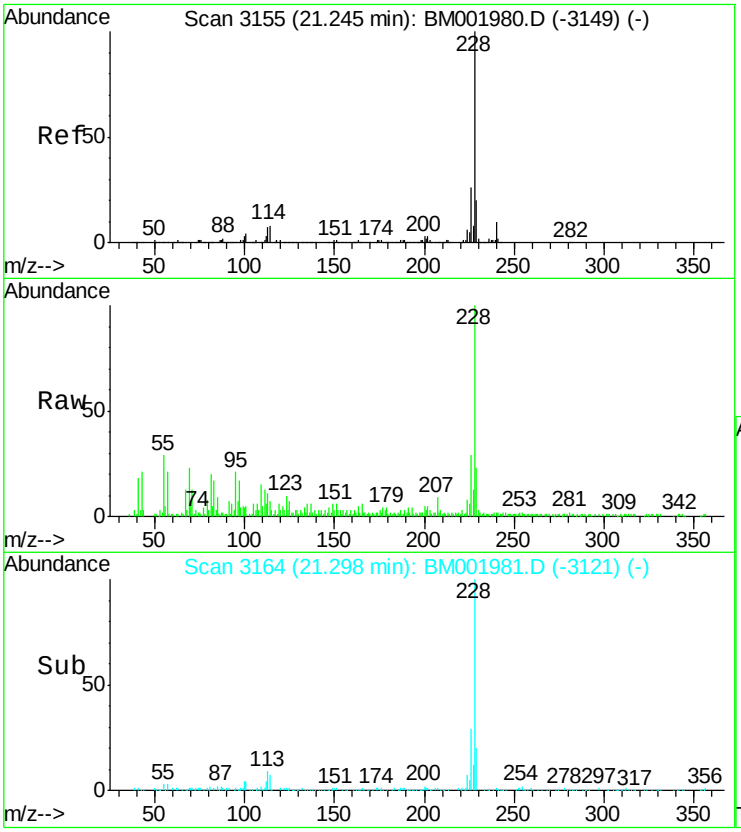


#79
Pyrene
Concen: 6.79 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:202 Resp: 217783

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.4	11.0
100	8.1	5.9	8.9



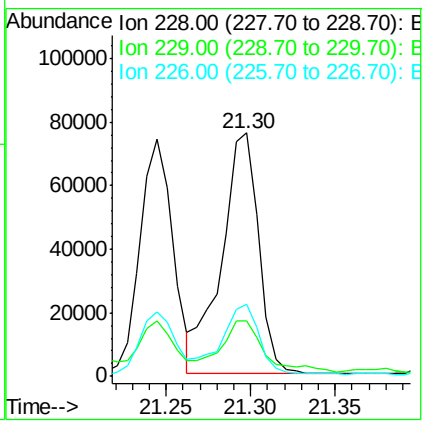


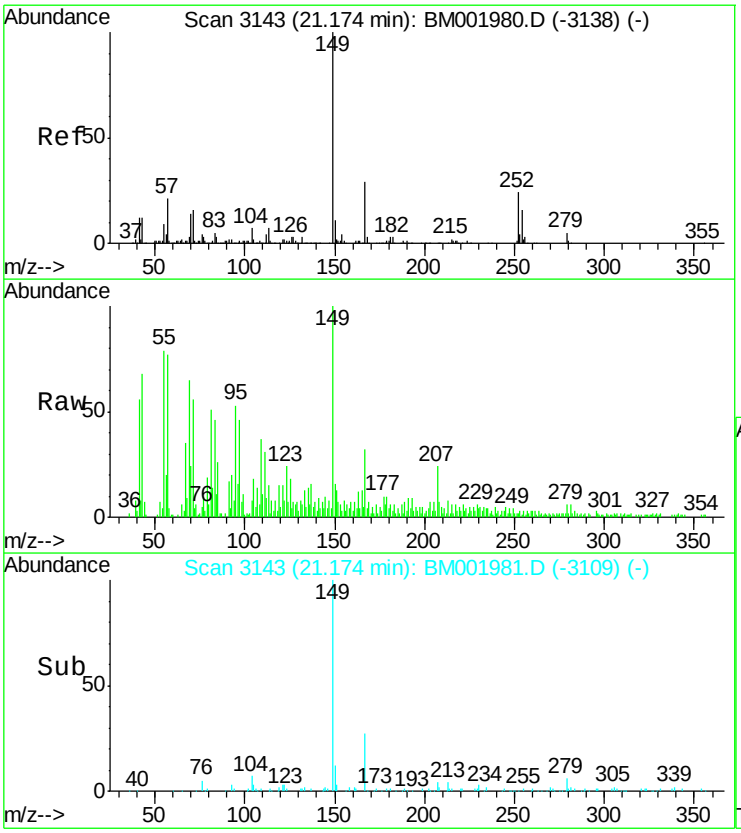
#82
Benzo(a)anthracene
Concen: 3.63 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. 0.05 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion:228 Resp: 115717

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.2	22.8
226	29.4	20.8	31.2

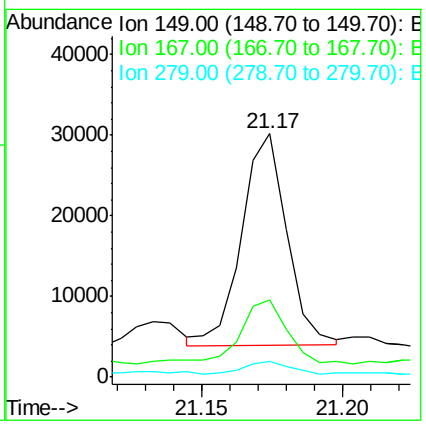


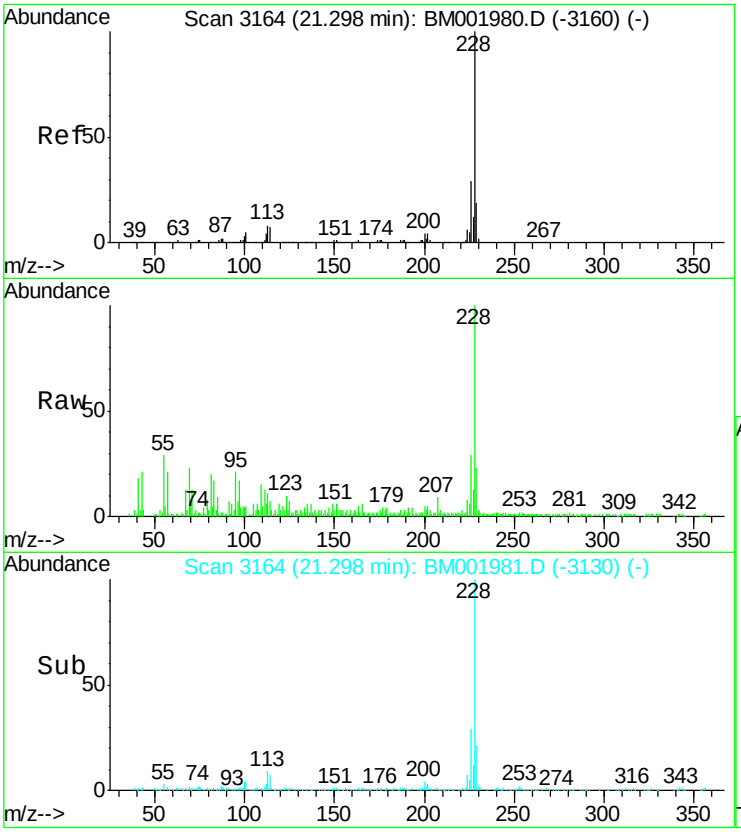


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.63 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:149 Resp: 29223

Ion	Ratio	Lower	Upper
149	100		
167	31.8	23.4	35.0
279	6.4	4.0	6.0#



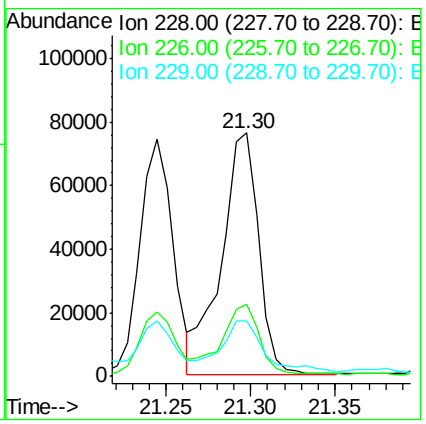


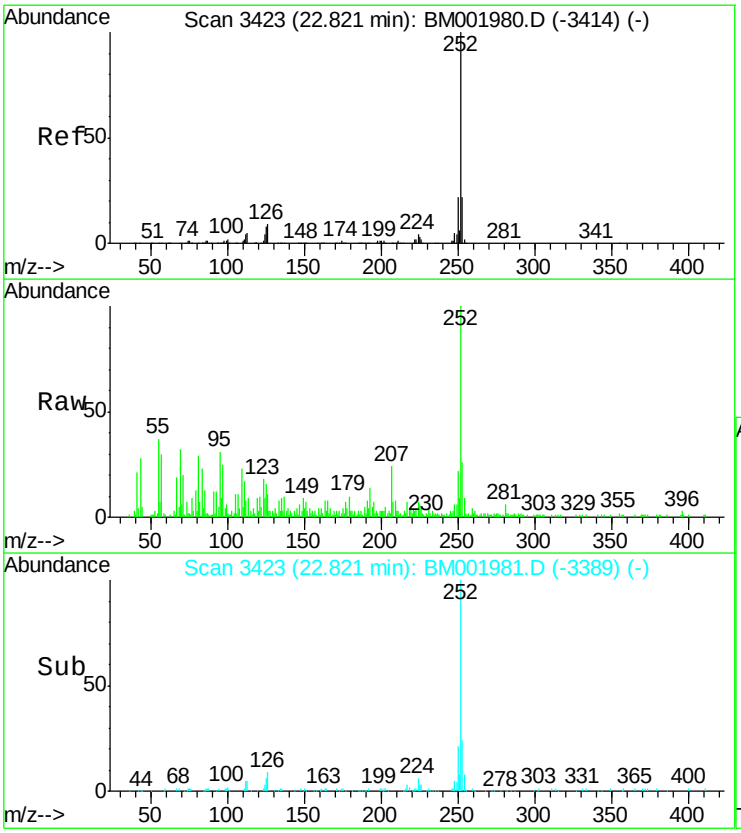
#84
Chrysene
Concen: 3.92 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion:228 Resp: 117072

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.6	15.4	23.0

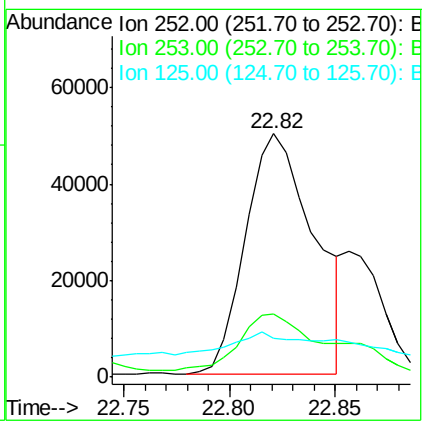


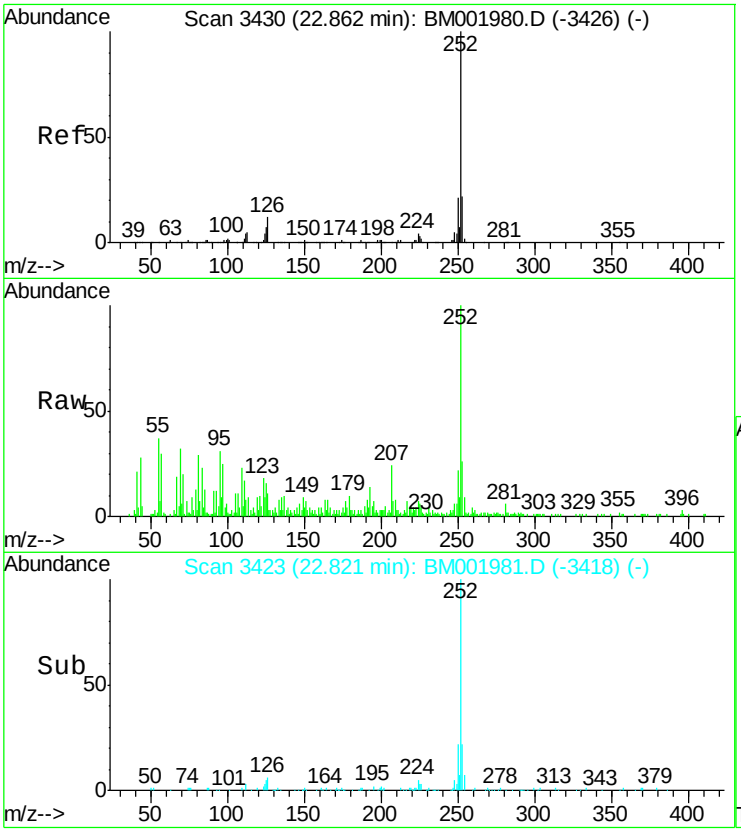


#87
Benzo(b)fluoranthene
Concen: 4.18 ng/ul
RT: 22.82 min Scan# 3423
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:252 Resp: 112784

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.6	26.4
125	15.9	6.1	9.1#



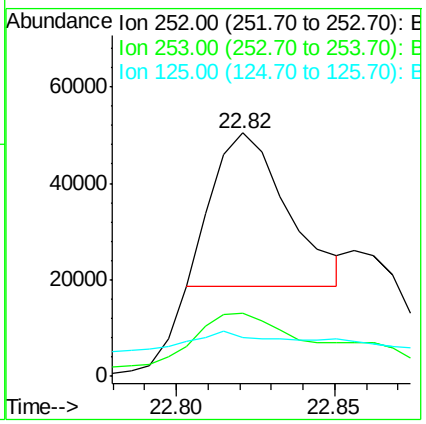


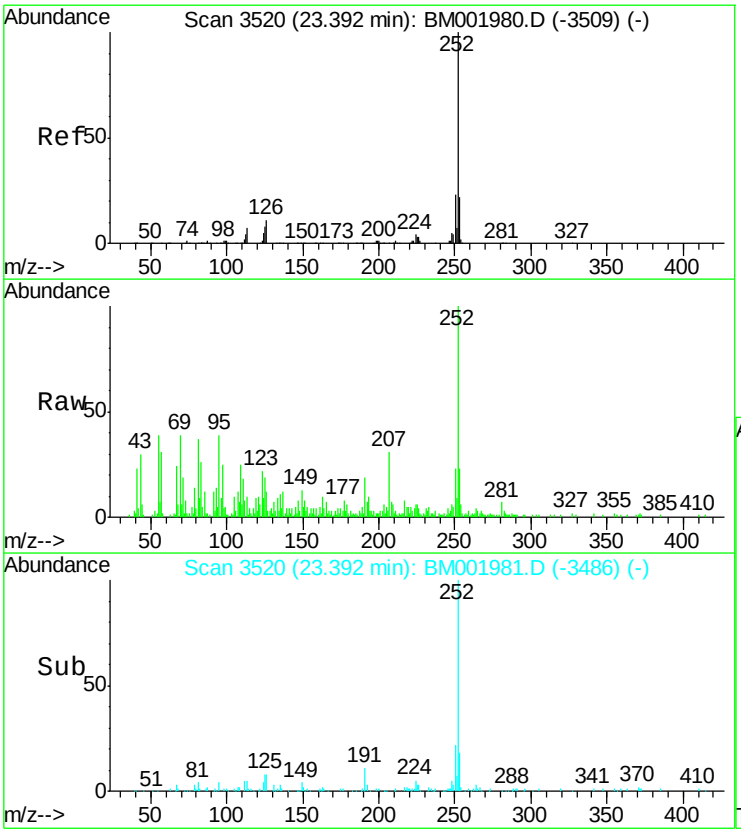
#88
Benzo(k)fluoranthene
Concen: 2.00 ng/ul
RT: 22.82 min Scan# 3423
Delta R.T. -0.04 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion:252 Resp: 51926

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	15.9	5.6	8.4#

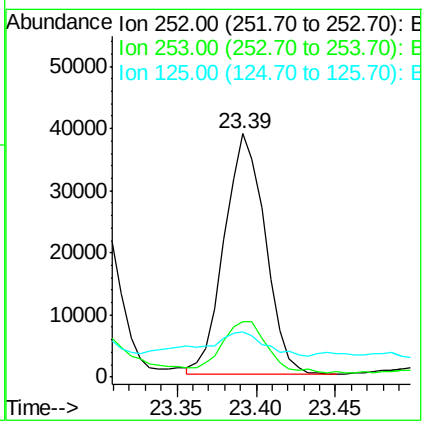


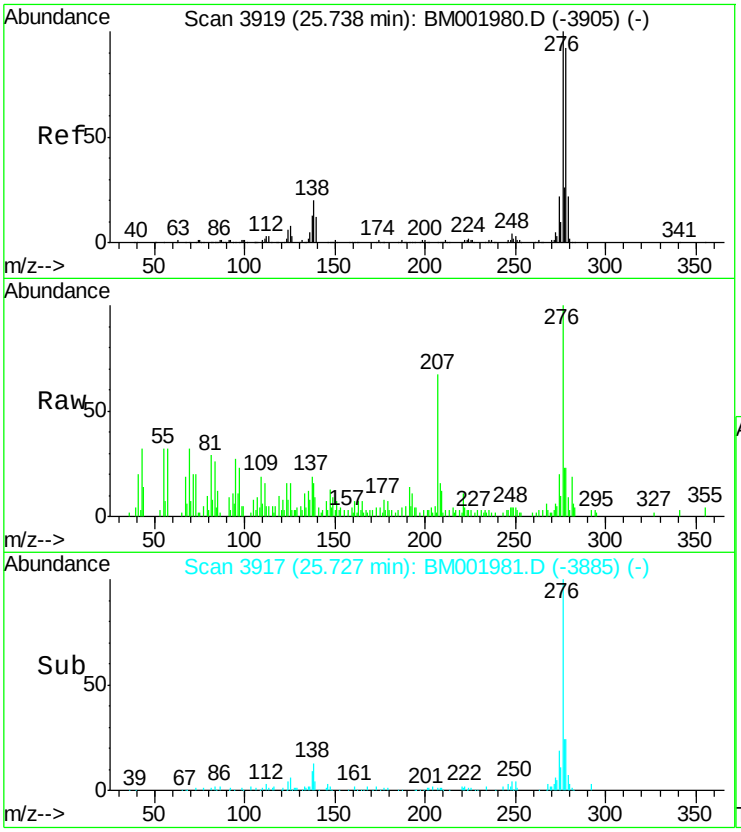


#90
Benzo(a)pyrene
Concen: 2.72 ng/ul
RT: 23.39 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:252 Resp: 69105

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	18.8	6.4	9.6#



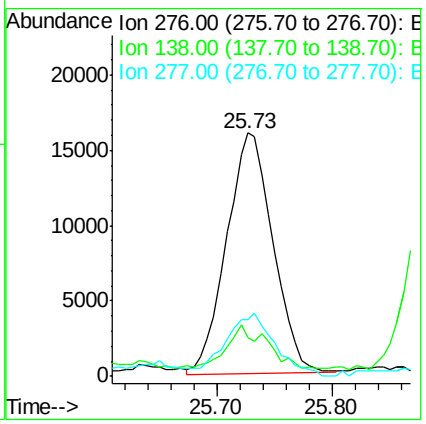


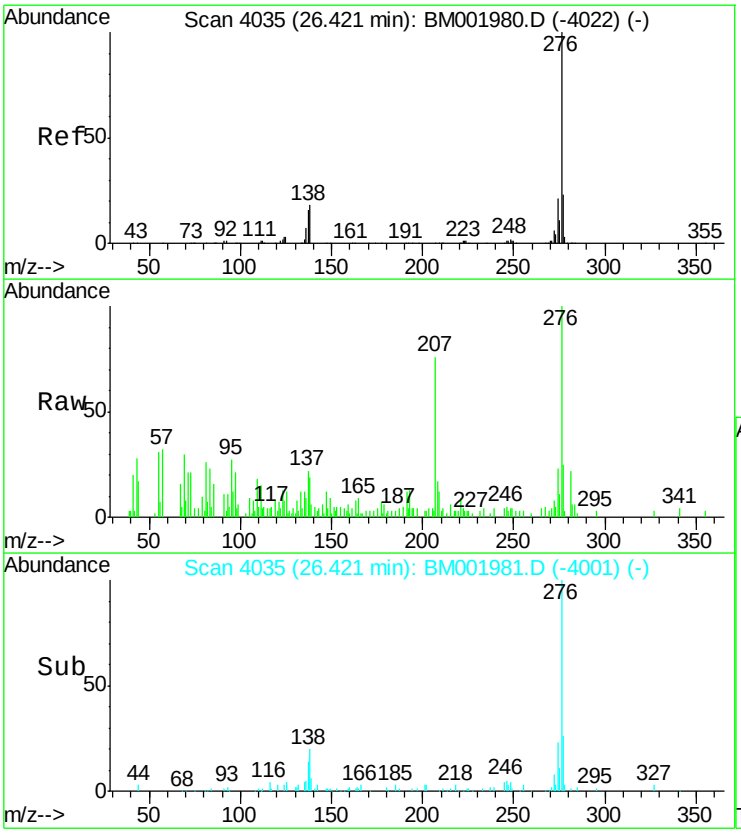
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.68 ng/ul
RT: 25.73 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Instrument :
BNA_M
ClientSampleId :
C02M0

Tgt Ion:276 Resp: 44783

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.4	23.0
277	23.3	19.9	29.9





#93
Benzo(g,h,i)perylene
Concen: 1.98 ng/ul
RT: 26.42 min Scan# 4035
Delta R.T. -0.00 min
Lab File: BM001981.D
Acq: 20 Jul 2015 19:28

Tgt Ion:276 Resp: 43404

Ion	Ratio	Lower	Upper
276	100		
138	19.5	13.3	19.9
277	24.9	18.6	27.8