Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006436.D
Acq On : 15 Jul 2016 10:31
Operator : UM/SJ
Sample : H3990-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ65

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Quant Time: Jul 15 12:15:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	136670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	598786	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	362598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	886079	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1114866	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1201802	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1709	0.53	ng/uL	0.00
5) Phenol-d5	6.80	99	118260	10.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	73102	10.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	80979	8.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	123516	13.88	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	53069	11.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	63569	12.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	129991	13.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	240815	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	769260	25.92	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	795043	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	149017	28.91	ng/ul	0.00
57) Fluorene-d10	15.27	176	660946	25.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	129881	25.34	ng/ul	0.00
70) Anthracene-d10	17.12	188	1163851	27.79	ng/ul	0.00
76) Pyrene-d10	19.42	212	1453573	28.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1714299	31.19	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	349693	11.61	ng/ul	99
69) Phenanthrene	17.06	178	52920	1.09	ng/ul	98
74) Fluoranthene	19.09	202	213246	3.77	ng/ul	99
77) Pyrene	19.45	202	189160	2.84	ng/ul	99
80) Benzo(a)anthracene	21.20	228	135216m	1.99	ng/ul	
82) Chrysene	21.26	228	109496	1.71	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	148160	2.06	ng/ul	98
88) Benzo(a)pyrene	23.32	252	136509	1.98	ng/ul	96

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

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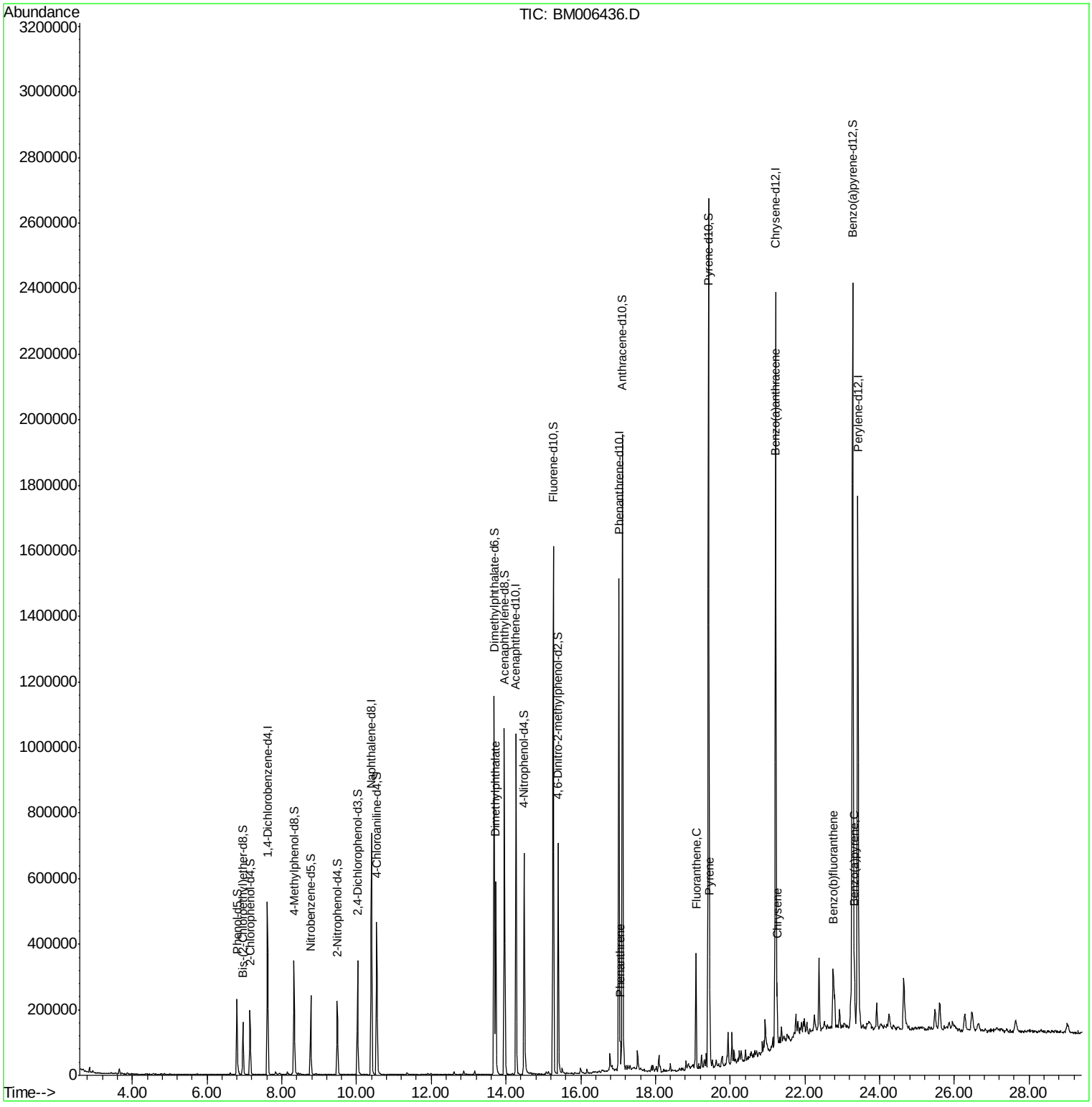
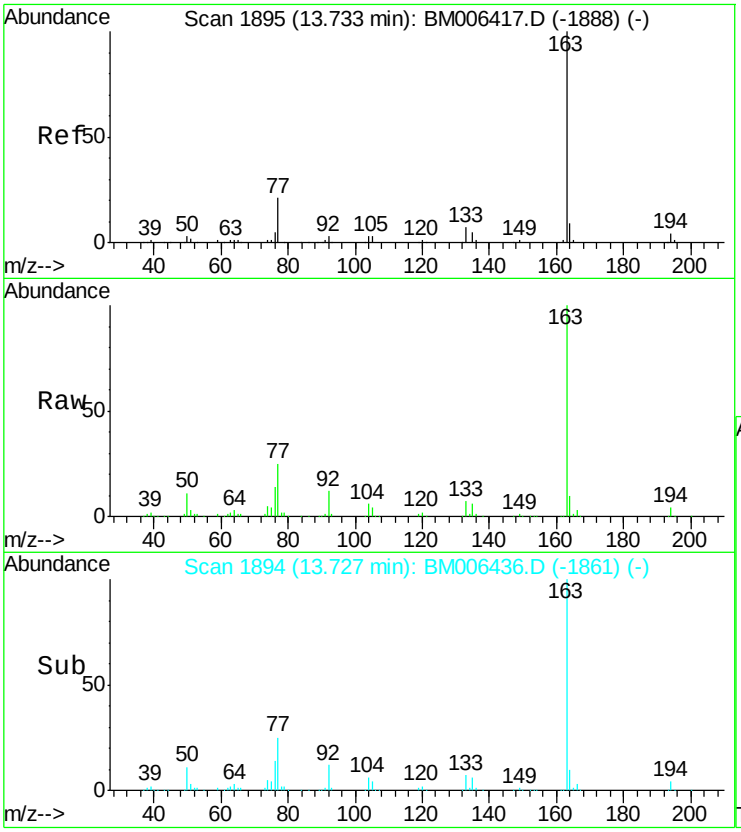
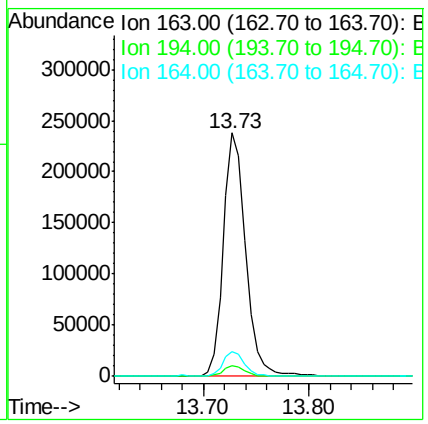




#44
Dimethylphthalate
Concen: 11.61 ng/ul
RT: 13.73 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:163 Resp: 349693

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	7.8	11.8



Instrument :
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ClientSampleId :
BDJ65

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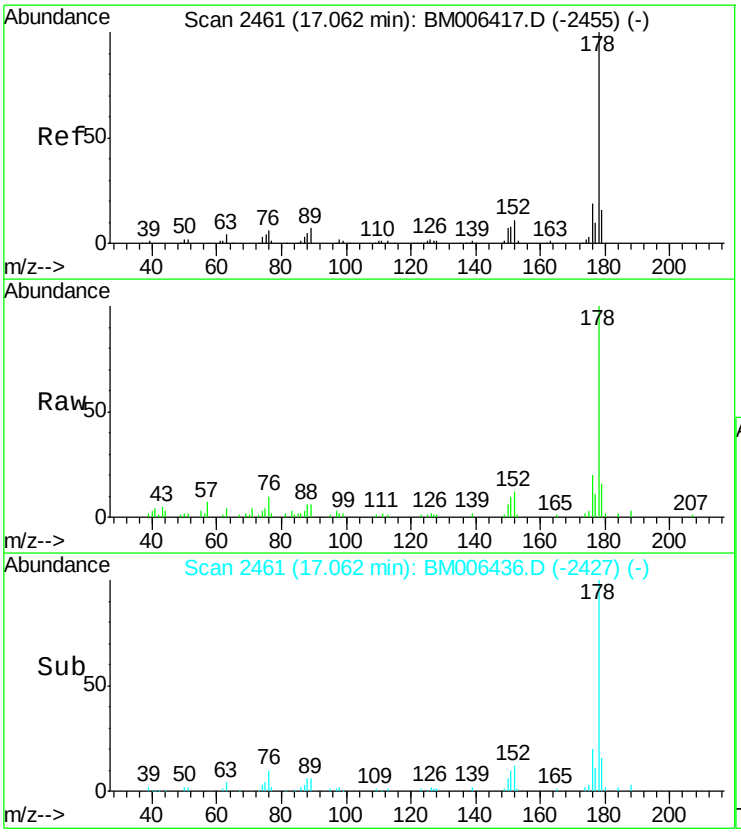
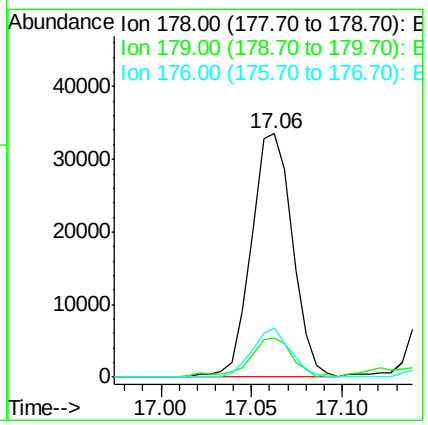
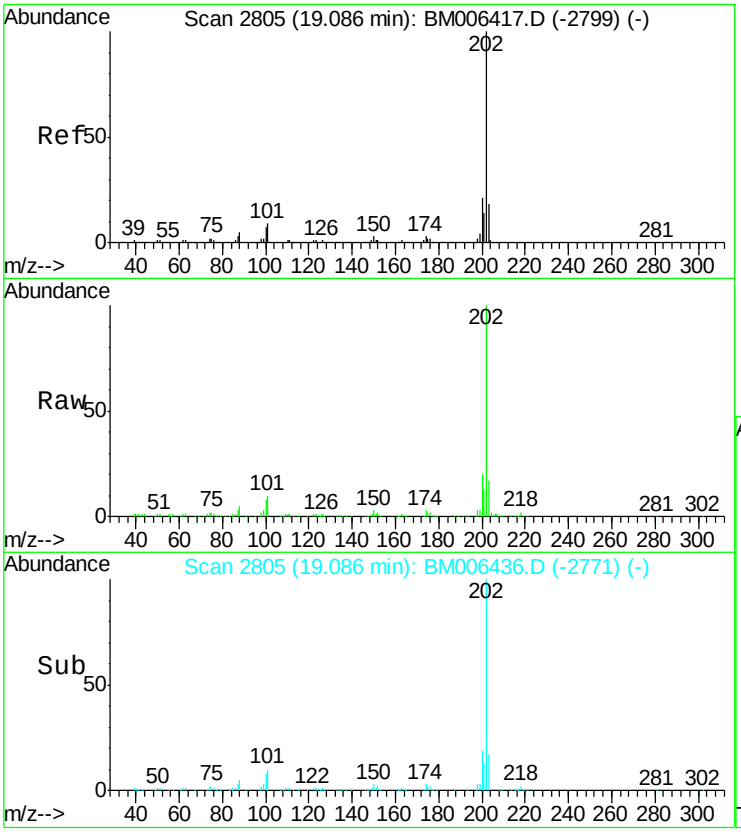


#69
Phenanthrene
Concen: 1.09 ng/ul
RT: 17.06 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:178 Resp: 52920

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.9	17.9
176	20.0	15.2	22.8

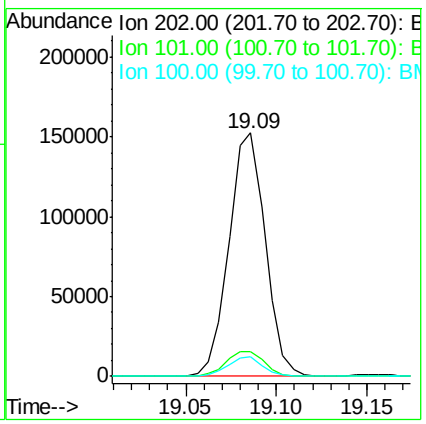




#74
Fluoranthene
Concen: 3.77 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:202 Resp: 213246

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.6	12.8
100	7.9	6.4	9.6



Instrument :
BNA_M
ClientSampleId :
BDJ65

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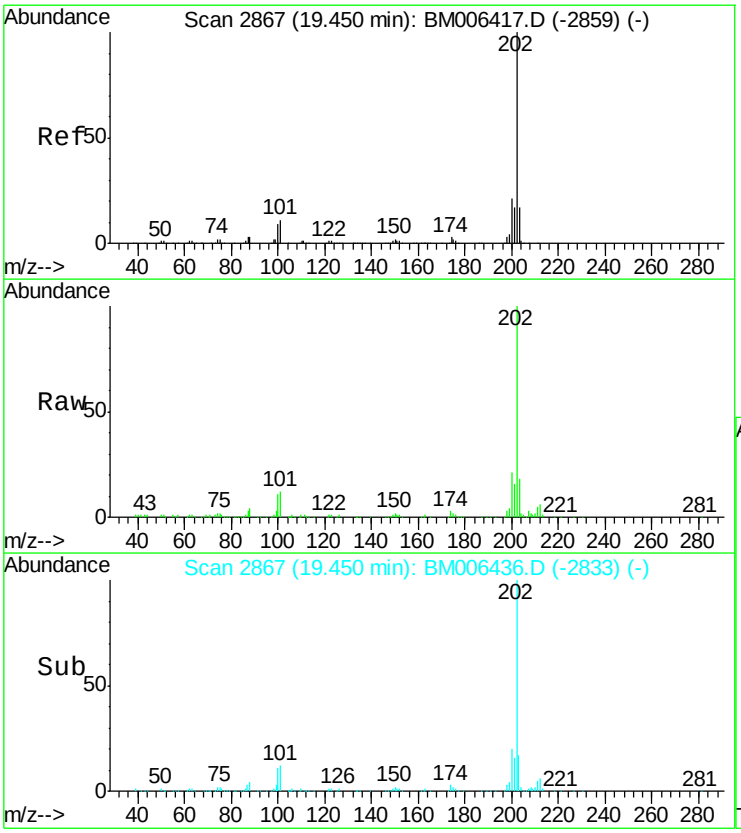
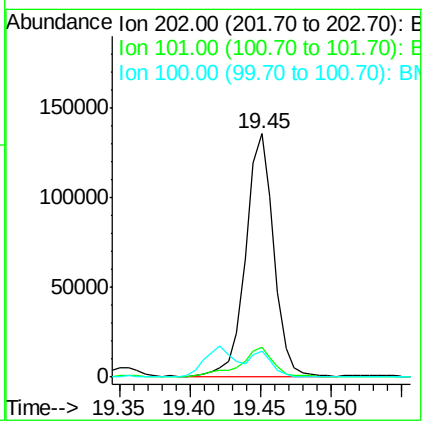
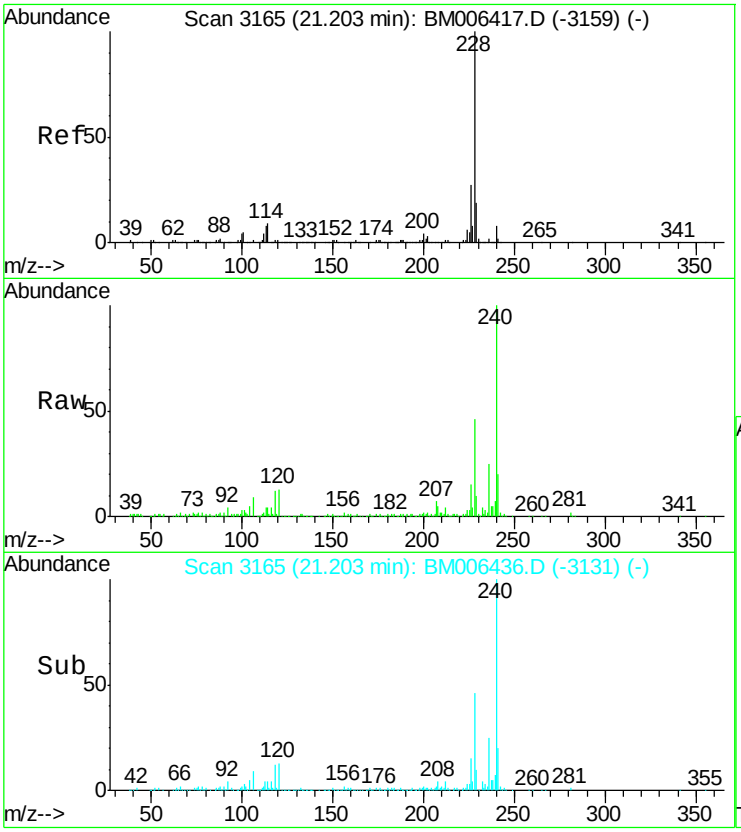


#77
Pyrene
Concen: 2.84 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:202 Resp: 189160

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	10.5	7.9	11.9





#80
Benzo(a)anthracene
Concen: 1.99 ng/ul m
RT: 21.20 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:228 Resp: 135216

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.6	23.4
226	32.8	21.4	32.2#

Instrument :
BNA_M
ClientSampleId :
BDJ65

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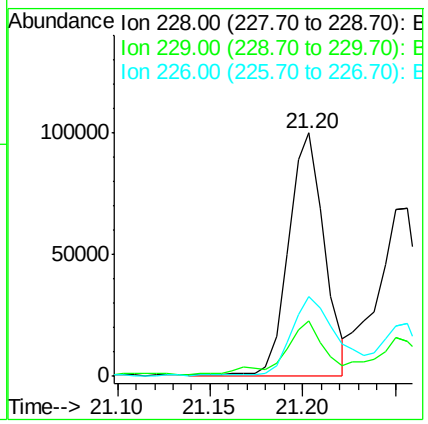
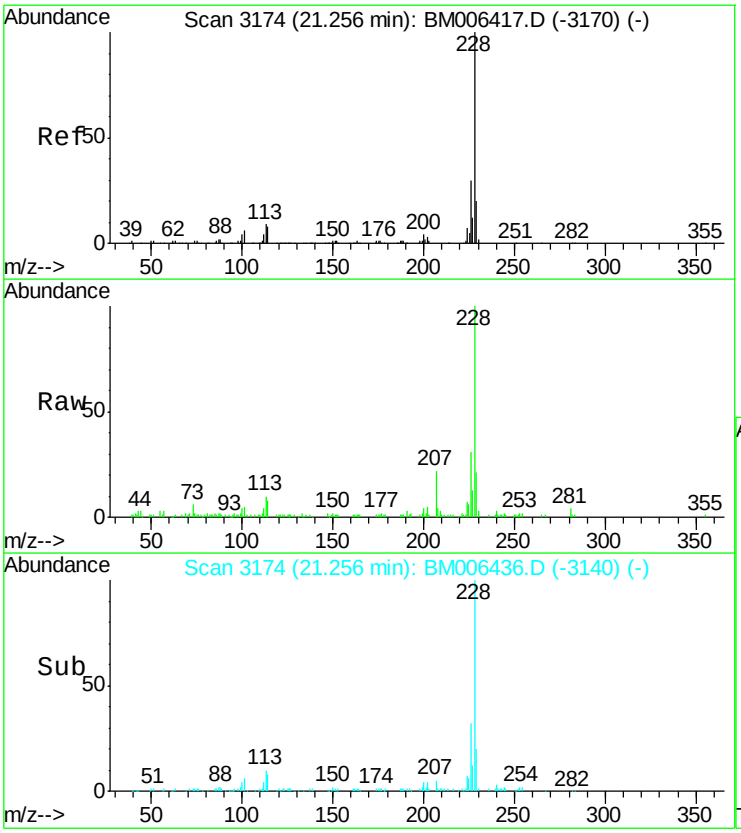
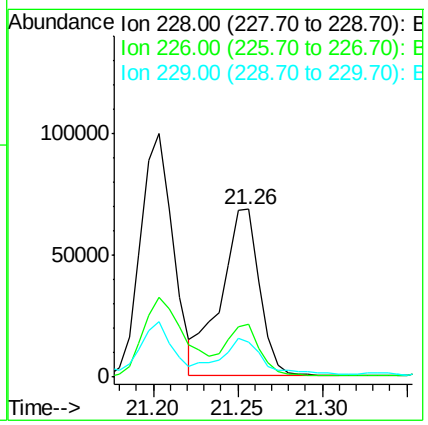


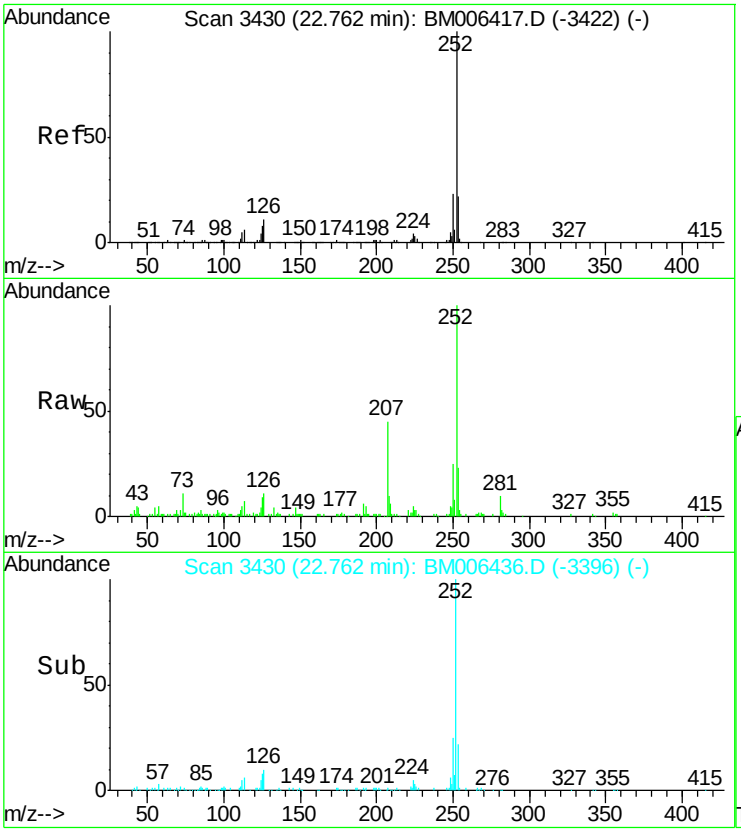


#82
Chrysene
Concen: 1.71 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:228 Resp: 109496

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.3	34.9
229	20.7	15.8	23.8

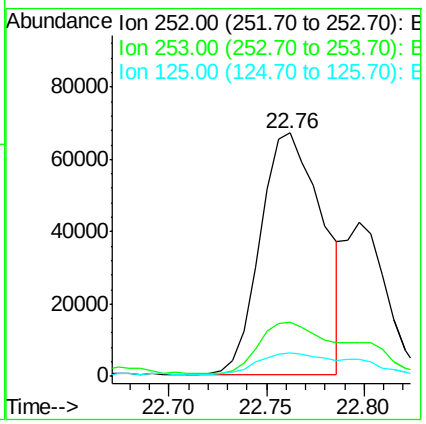




#85
Benzo(b)fluoranthene
Concen: 2.06 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.00 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:252 Resp: 148160

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.4	6.7	10.1



Instrument :
BNA_M
ClientSampleId :
BDJ65

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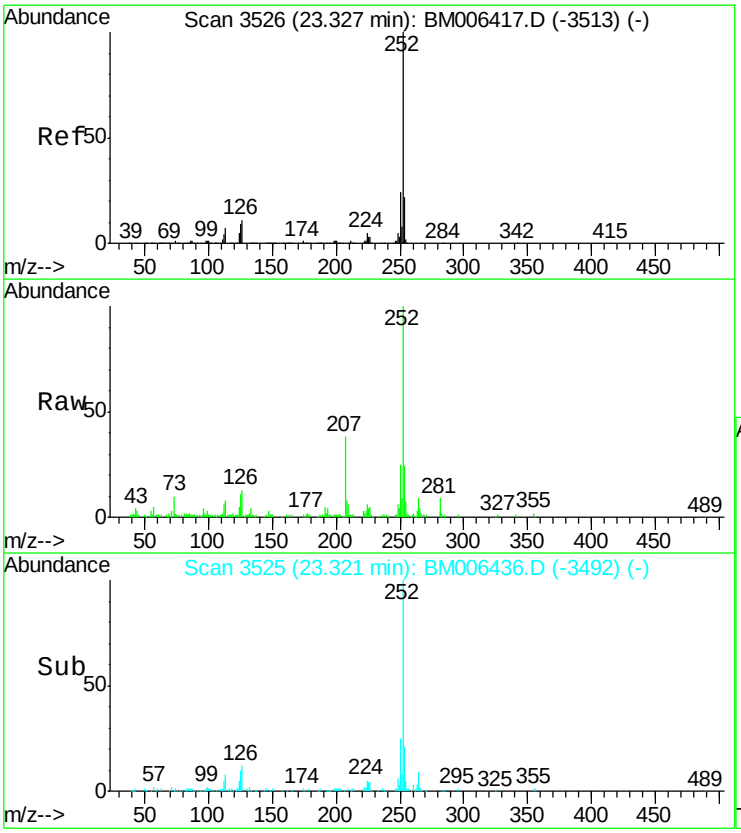

#88
Benzo(a)pyrene
Concen: 1.98 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BM006436.D
Acq: 15 Jul 2016 10:31

Tgt Ion:252 Resp: 136509

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	10.7	7.6	11.4