Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022516\
Data File : BM004406.D
Acq On : 25 Feb 2016 19:08
Operator : SJ/UM
Sample : H1572-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S57-0312

Quant Time: Feb 26 03:39:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 01:28:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	22788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	107845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	65225	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	136843	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	125255	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	117649	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	1947	4.50	ng/uL	0.00
5) Phenol-d5	6.80	99	45671	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	24815	25.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	41793	25.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	40691	23.83	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	21418	26.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	24364	26.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	42000	24.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	55947	26.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	148269	26.51	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	179537	27.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	14842	16.51	ng/ul	0.00
58) Fluorene-d10	15.28	176	125785	26.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	14682	17.47	ng/ul	0.00
71) Anthracene-d10	17.13	188	182906	27.28	ng/ul	0.00
79) Pyrene-d10	19.44	212	187016	30.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	174961	28.34	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.74	163	74702	12.81	ng/ul	99
70) Phenanthrene	17.07	178	15381	1.87	ng/ul	99
77) Fluoranthene	19.11	202	19612	2.11	ng/ul	98
80) Pyrene	19.47	202	18336	2.24	ng/ul	97
83) Benzo(a)anthracene	21.23	228	8904	1.10	ng/ul	99
85) Chrysene	21.28	228	9344	1.21	ng/ul	95
88) Benzo(b)fluoranthene	22.81	252	10692	1.34	ng/ul#	92
91) Benzo(a)pyrene	23.37	252	7842	1.06	ng/ul#	92

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

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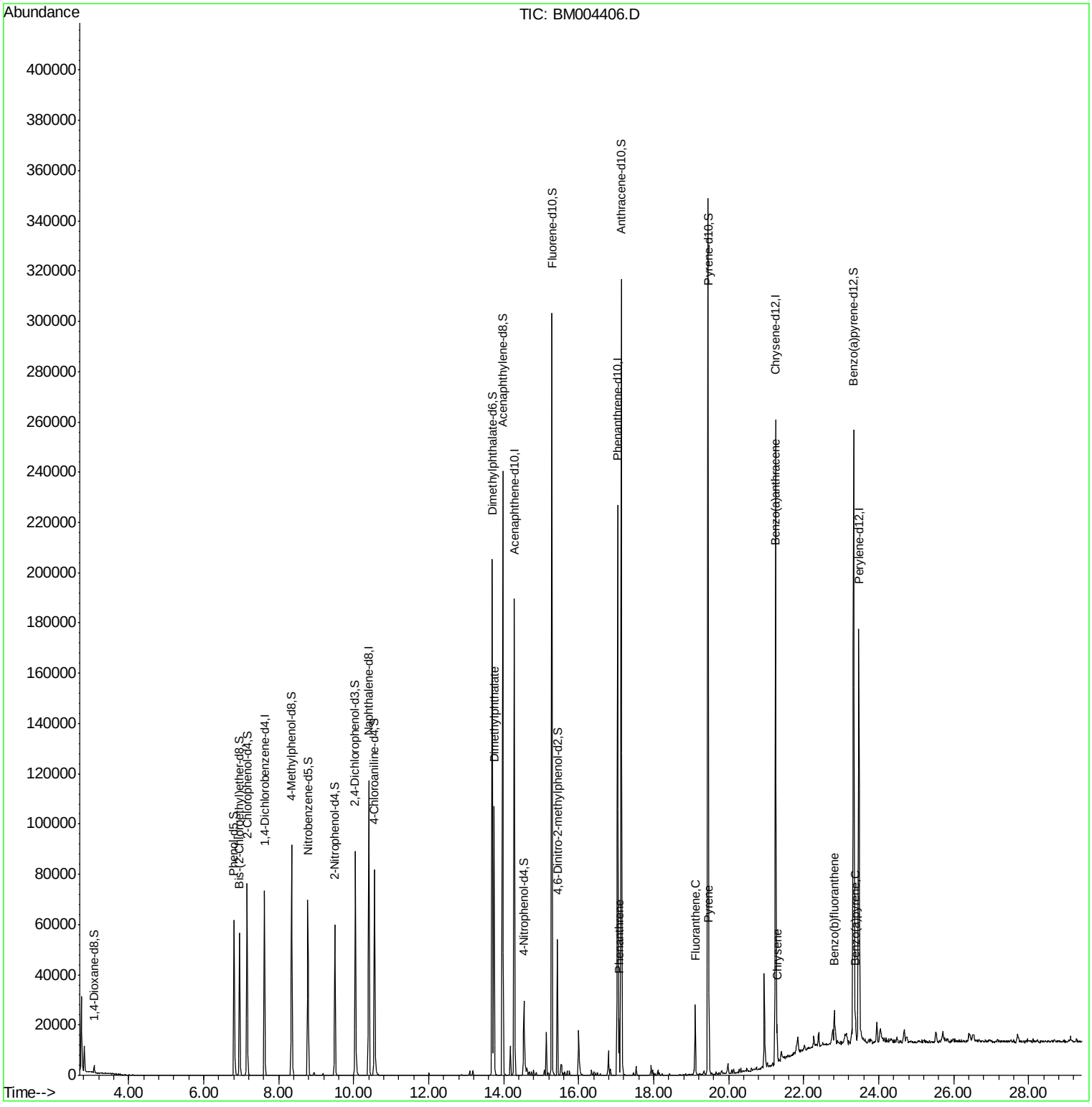
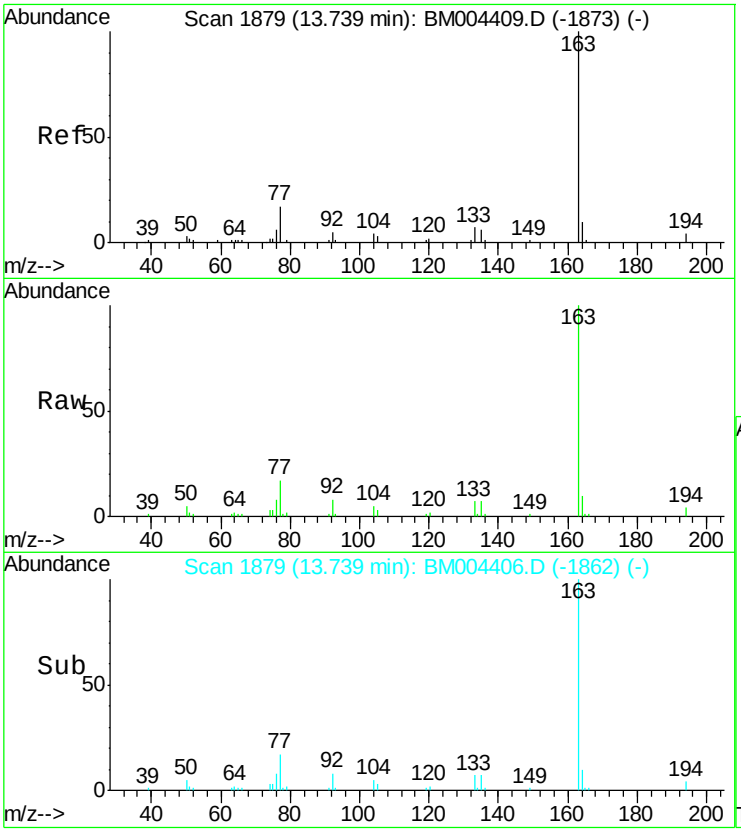


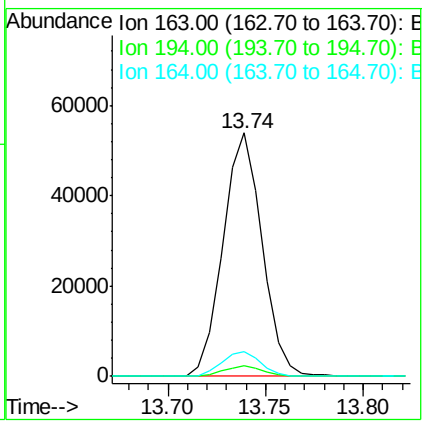


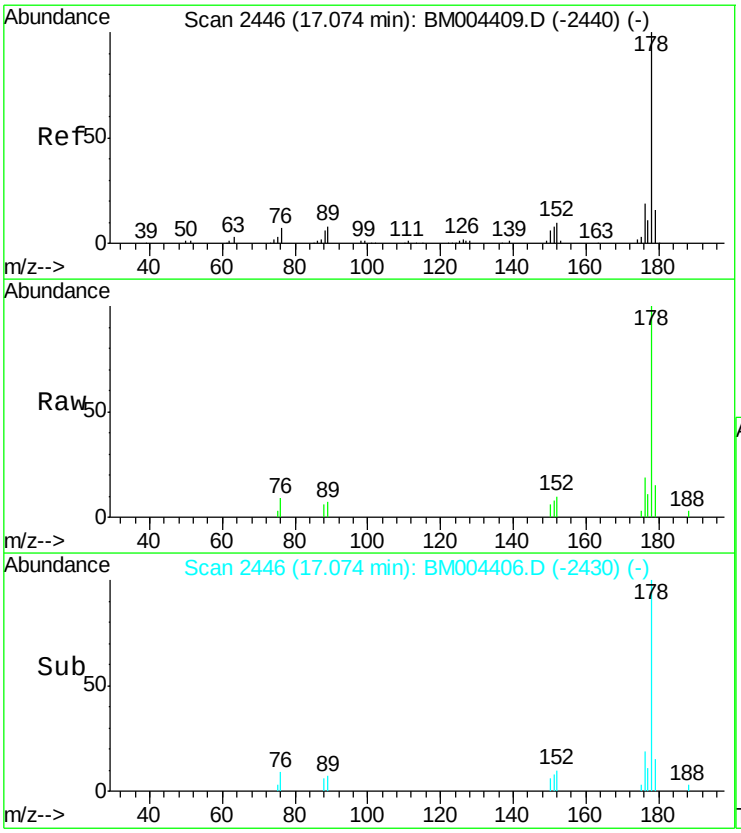
#45
Dimethylphthalate
Concen: 12.81 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Instrument :
BNA_M
ClientSampleId :
0311-S57-0312

Tgt Ion:163 Resp: 74702

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.3	7.8	11.8

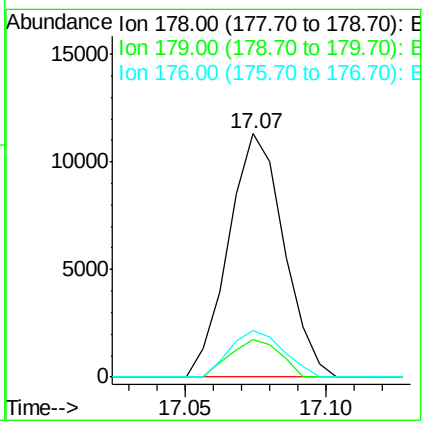


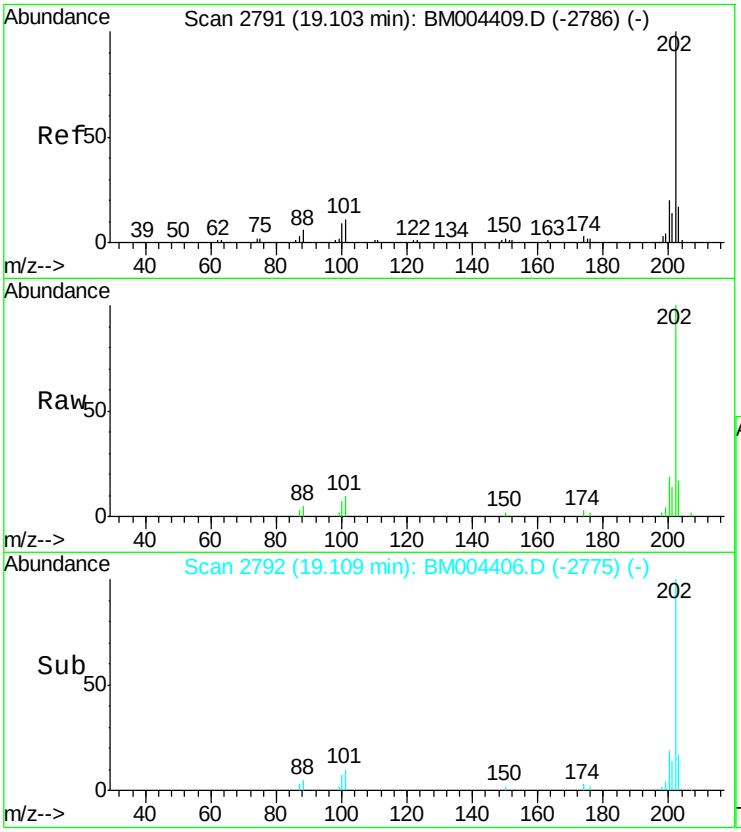


#70
Phenanthrene
Concen: 1.87 ng/ul
RT: 17.07 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Tgt Ion:178 Resp: 15381

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.1	15.6	23.4



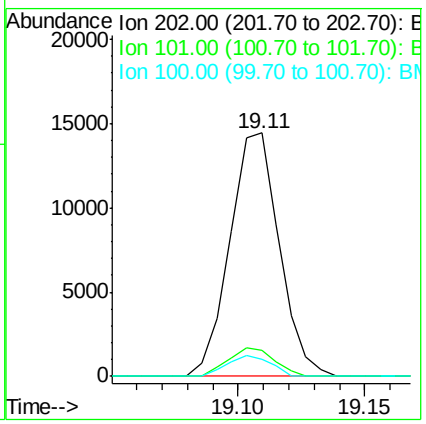


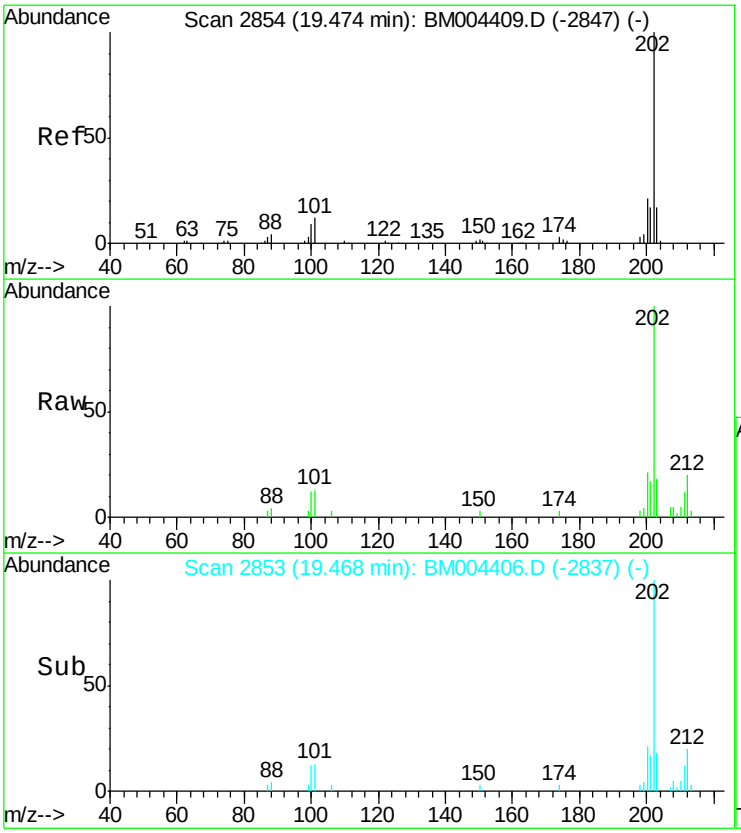
#77
Fluoranthene
Concen: 2.11 ng/ul
RT: 19.11 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Instrument :
BNA_M
ClientSampleId :
0311-S57-0312

Tgt Ion:202 Resp: 19612

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.8	13.2
100	7.2	6.6	9.8

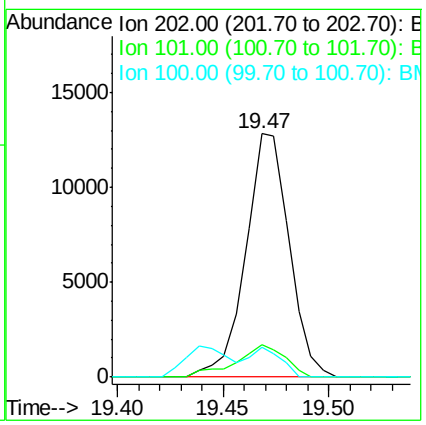


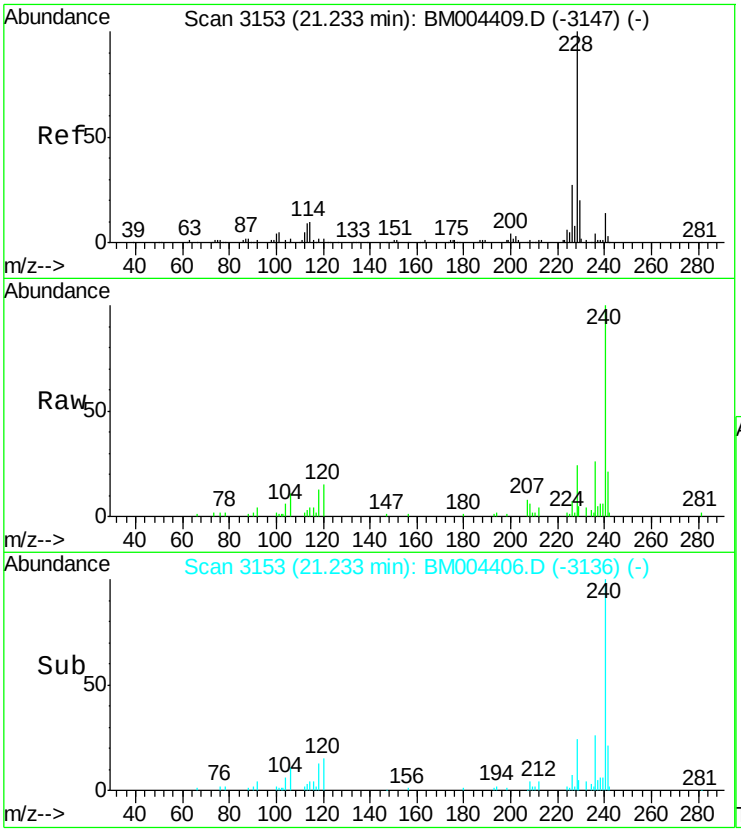


#80
Pyrene
Concen: 2.24 ng/ul
RT: 19.47 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Tgt Ion:202 Resp: 18336

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	12.0	8.5	12.7



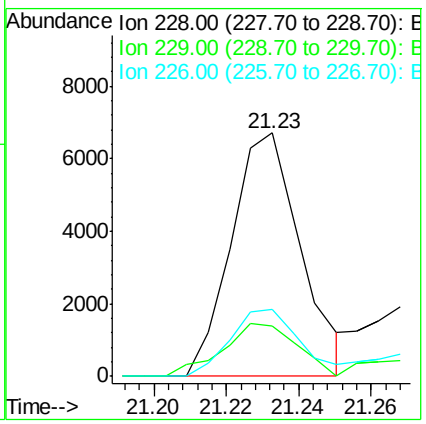


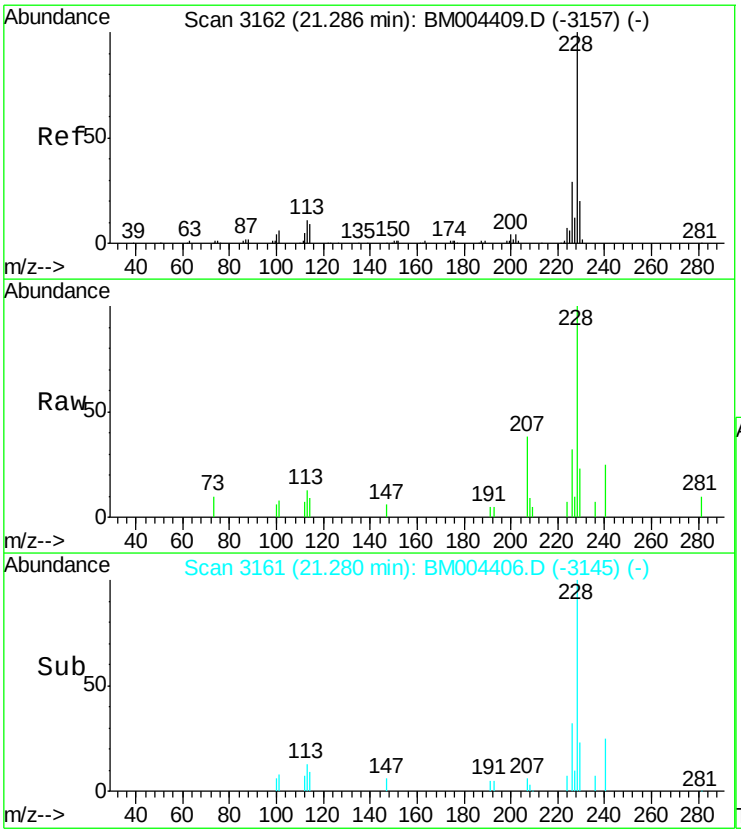
#83
Benzo(a)anthracene
Concen: 1.10 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Instrument :
BNA_M
ClientSampleId :
0311-S57-0312

Tgt Ion:228 Resp: 8904

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.3	21.8	32.6

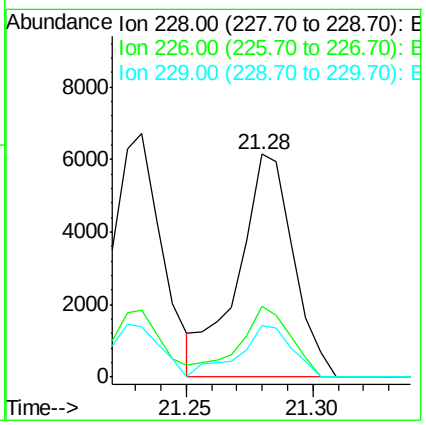


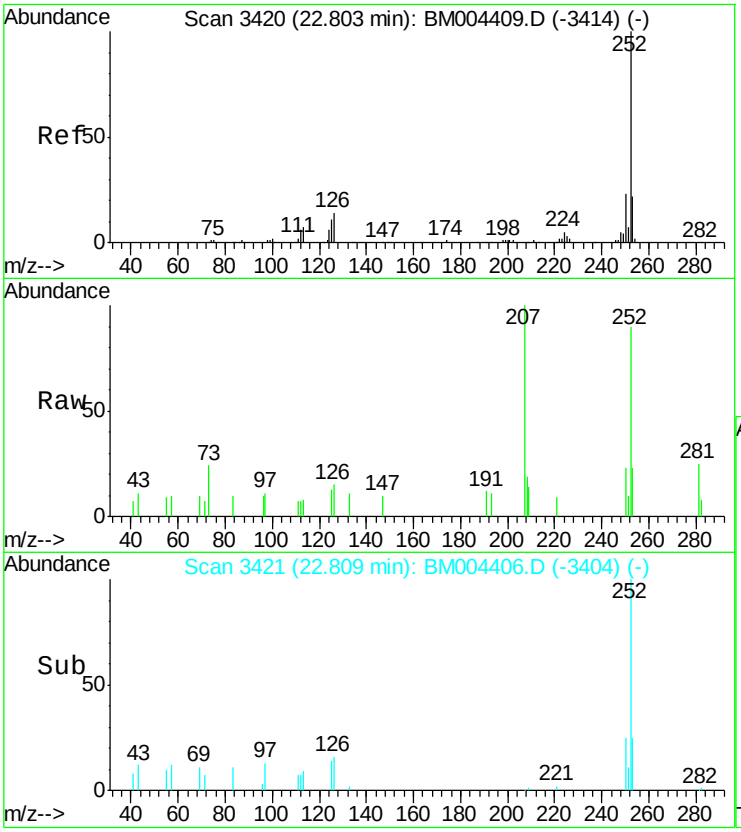


#85
Chrysene
Concen: 1.21 ng/ul
RT: 21.28 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Tgt Ion:228 Resp: 9344

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	22.9	15.6	23.4



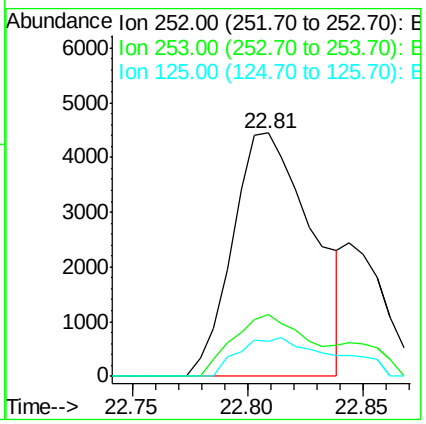


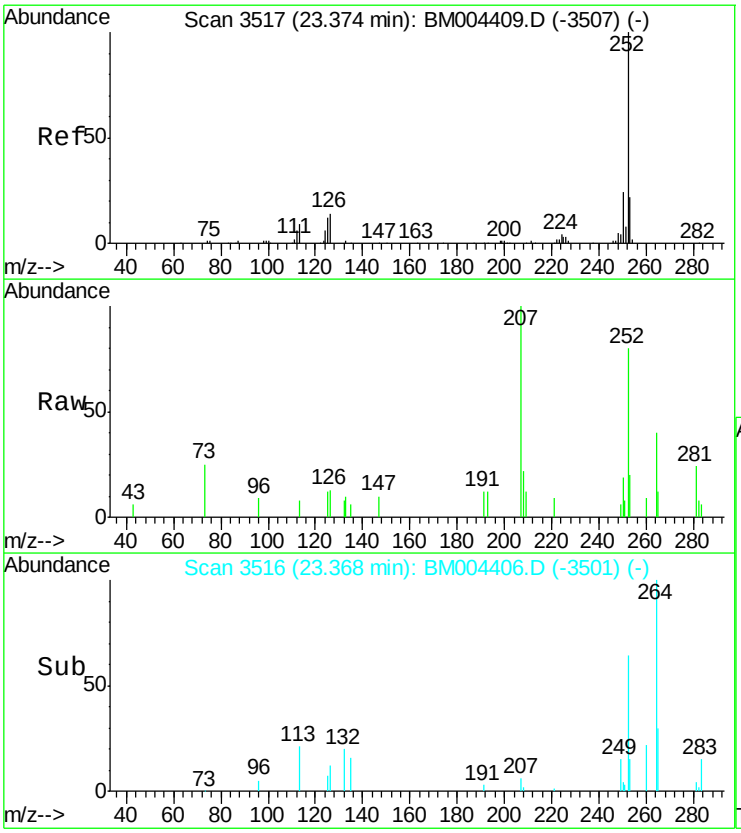
#88
Benzo(b)fluoranthene
Concen: 1.34 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.00 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Instrument :
BNA_M
ClientSampleId :
0311-S57-0312

Tgt Ion:252 Resp: 10692

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	14.3	8.5	12.7#





#91
Benzo(a)pyrene
Concen: 1.06 ng/ul
RT: 23.37 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM004406.D
Acq: 25 Feb 2016 19:08

Tgt Ion:252 Resp: 7842

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	14.9	9.0	13.6#