Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012386.D
Acq On : 22 Oct 2017 08:07
Operator : SJ/JU
Sample : I5701-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CG8

Quant Time: Oct 23 08:51:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 08:22:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	314633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1360220	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	835583	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1892196	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1574301	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1292246	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	25686	3.88	ng/uL	0.00
5) Phenol-d5	6.94	99	542220	21.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	345346	22.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	495714	22.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	499759	22.74	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	239130	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	286525	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	531621	22.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	570852	26.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1869772	25.32	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	2208527	24.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	155433	14.00	ng/ul	0.00
57) Fluorene-d10	15.41	176	1582600	26.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	232579	17.91	ng/ul	0.00
70) Anthracene-d10	17.27	188	2284576	24.42	ng/ul	0.00
76) Pyrene-d10	19.57	212	2485218	31.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1572714	25.24	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	112089	4.247	ng/ul	89
44) Dimethylphthalate	13.87	163	587630	7.942	ng/ul	99
69) Phenanthrene	17.21	178	213497	1.983	ng/ul	98
74) Fluoranthene	19.23	202	296162	2.280	ng/ul	97
77) Pyrene	19.59	202	284946	2.741	ng/ul#	96
82) Chrysene	21.39	228	134364	1.397	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	128671	1.526	ng/ul#	89

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

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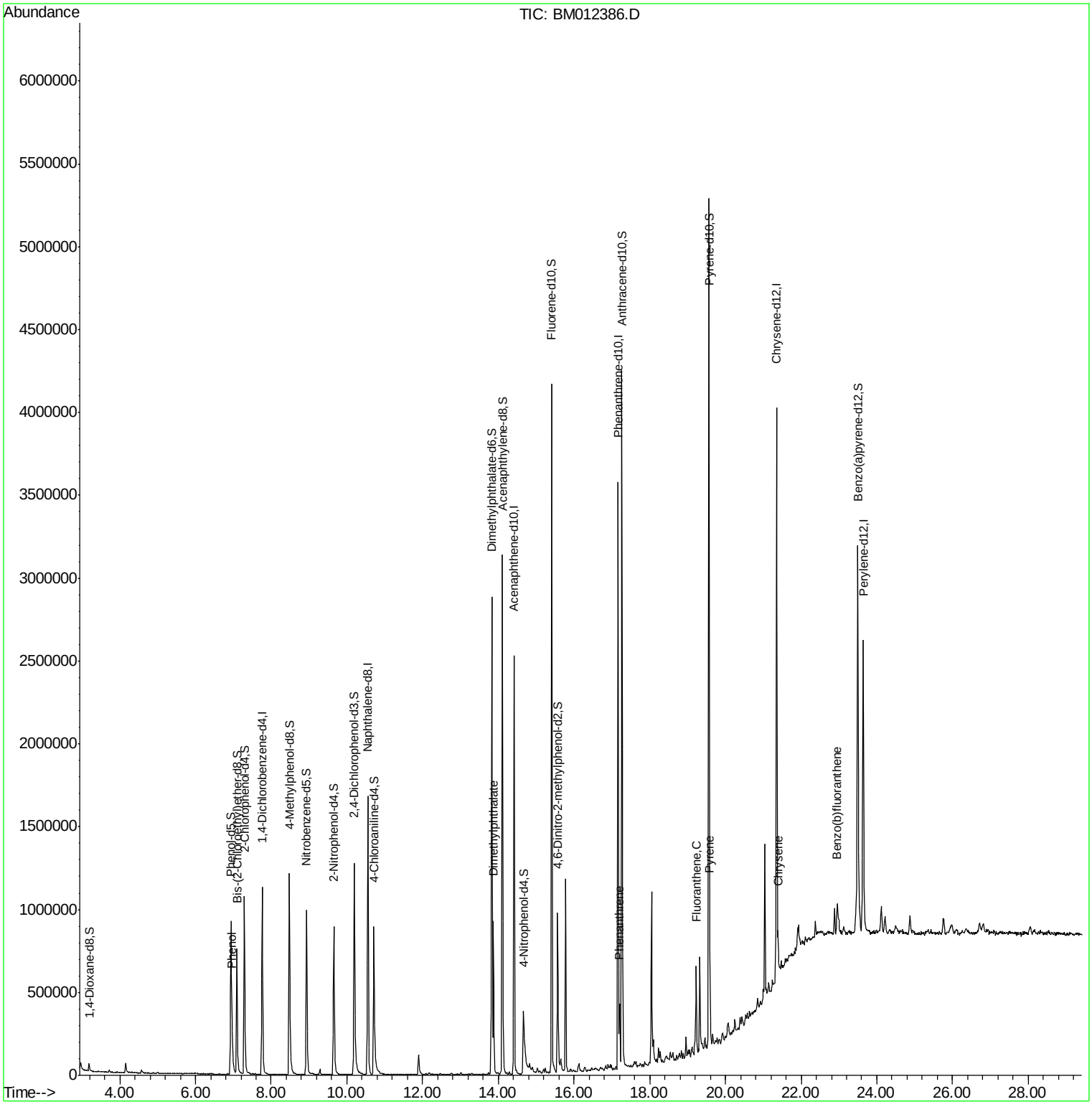
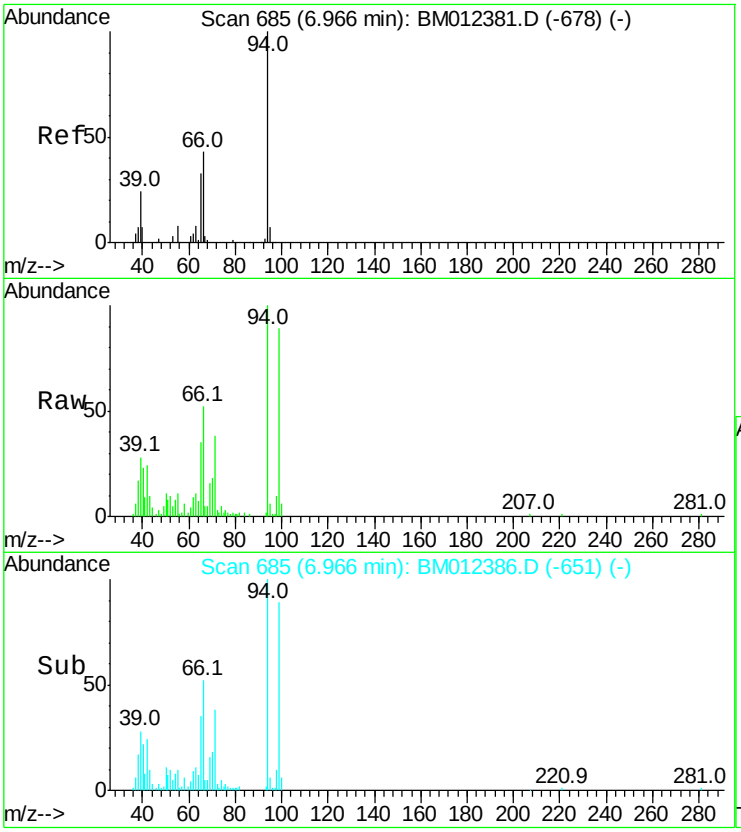


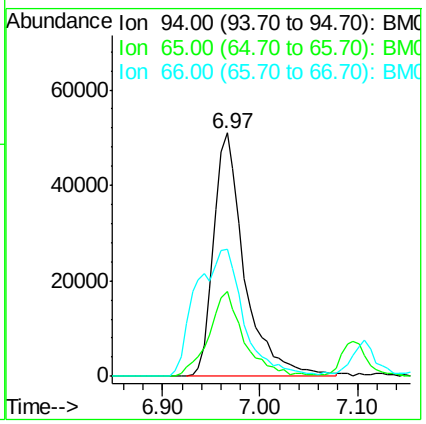


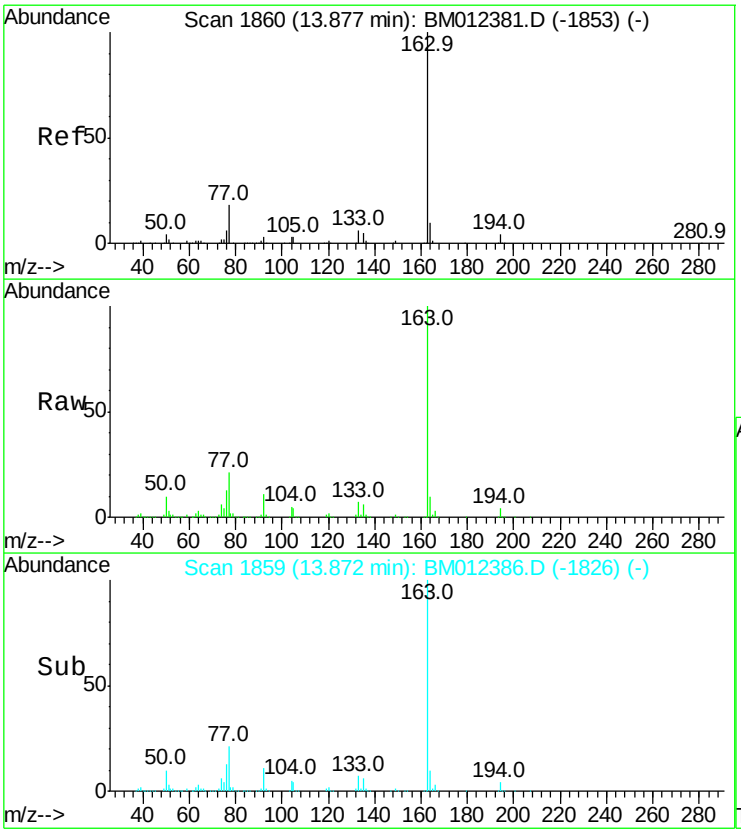
#6
Phenol
Concen: 4.247 ng/ul
RT: 6.97 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Instrument :
BNA_M
ClientSampleId :
B0CG8

Tgt Ion: 94 Resp: 112089

Ion	Ratio	Lower	Upper
94	100		
65	34.7	24.4	36.6
66	52.1	35.0	52.4

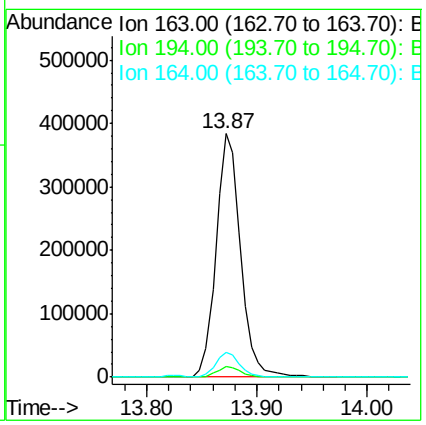


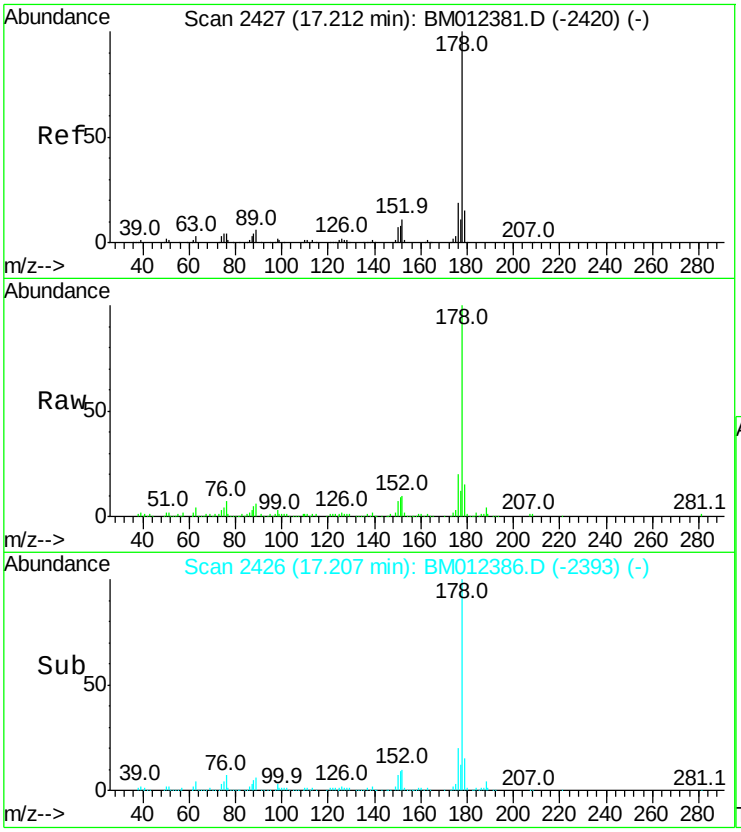


#44
Dimethylphthalate
Concen: 7.942 ng/ul
RT: 13.87 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Tgt Ion:163 Resp: 587630

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.2	8.1	12.1



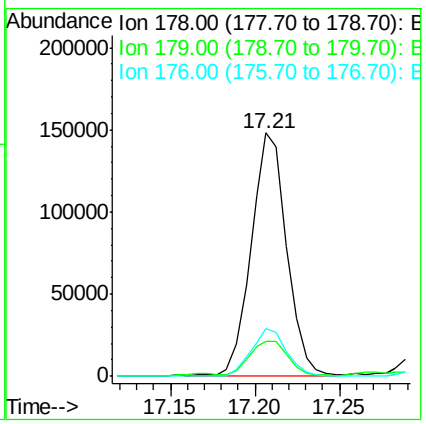


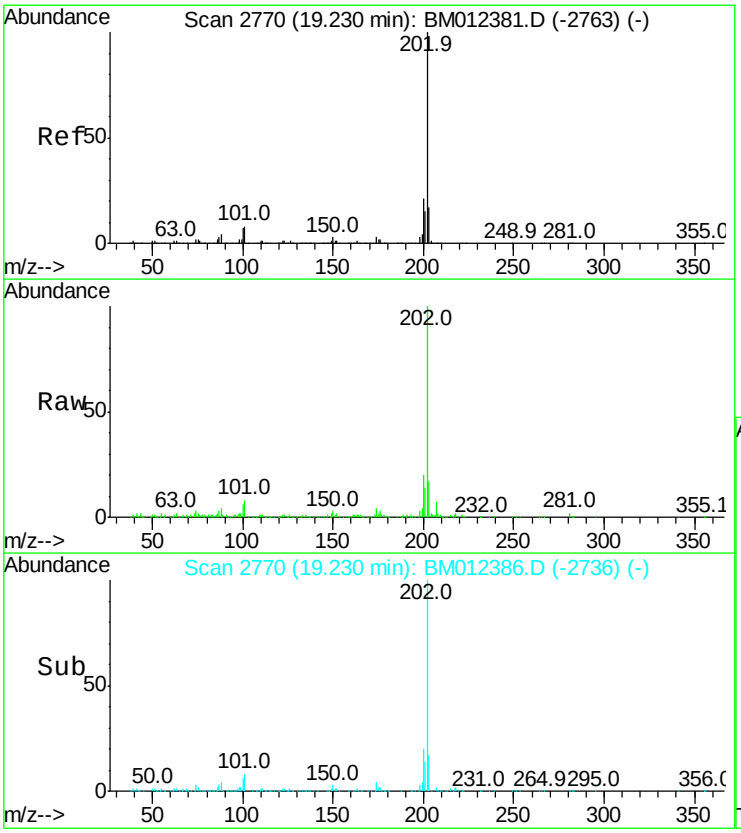
#69
Phenanthrene
Concen: 1.983 ng/ul
RT: 17.21 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Instrument :
BNA_M
ClientSampleId :
B0CG8

Tgt Ion:178 Resp: 213497

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.0	18.0
176	19.7	15.0	22.6

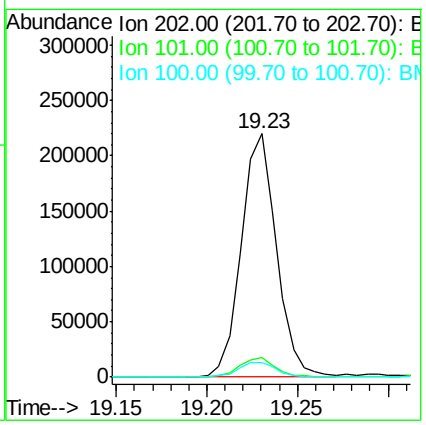


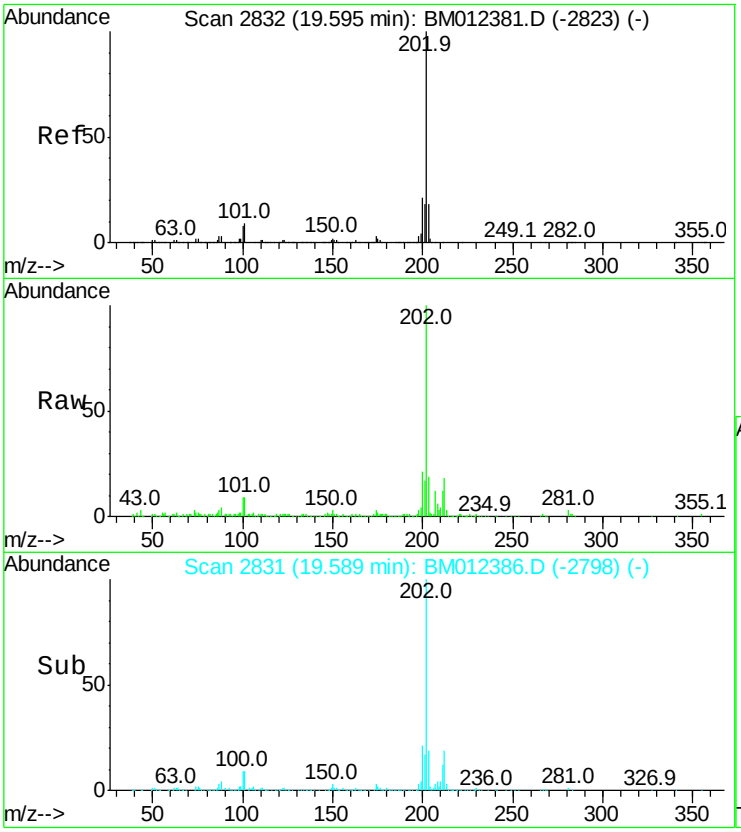


#74
Fluoranthene
Concen: 2.280 ng/ul
RT: 19.23 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Tgt Ion:202 Resp: 296162

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.8	8.6
100	6.1	4.3	6.5



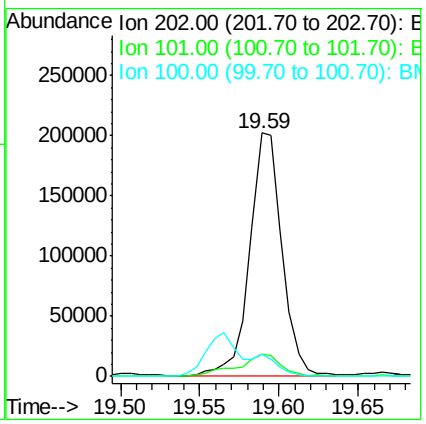


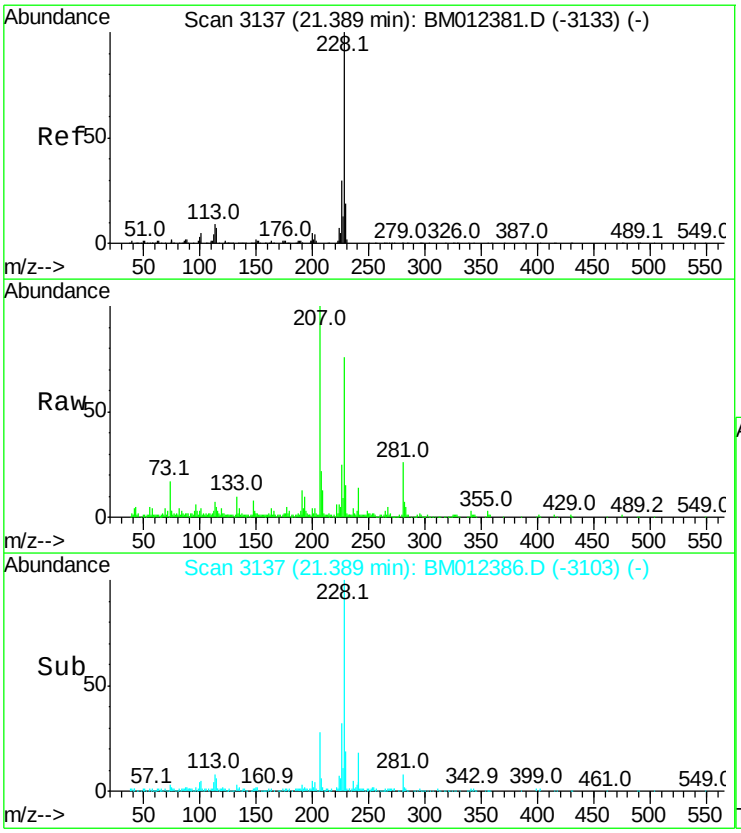
#77
Pyrene
Concen: 2.741 ng/ul
RT: 19.59 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Instrument :
BNA_M
ClientSampleId :
B0CG8

Tgt Ion:202 Resp: 284946

Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.5	9.7
100	8.9	5.6	8.4#

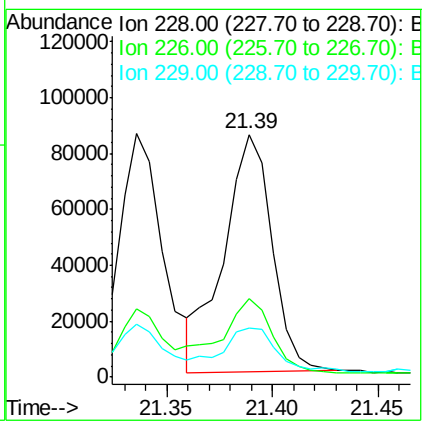


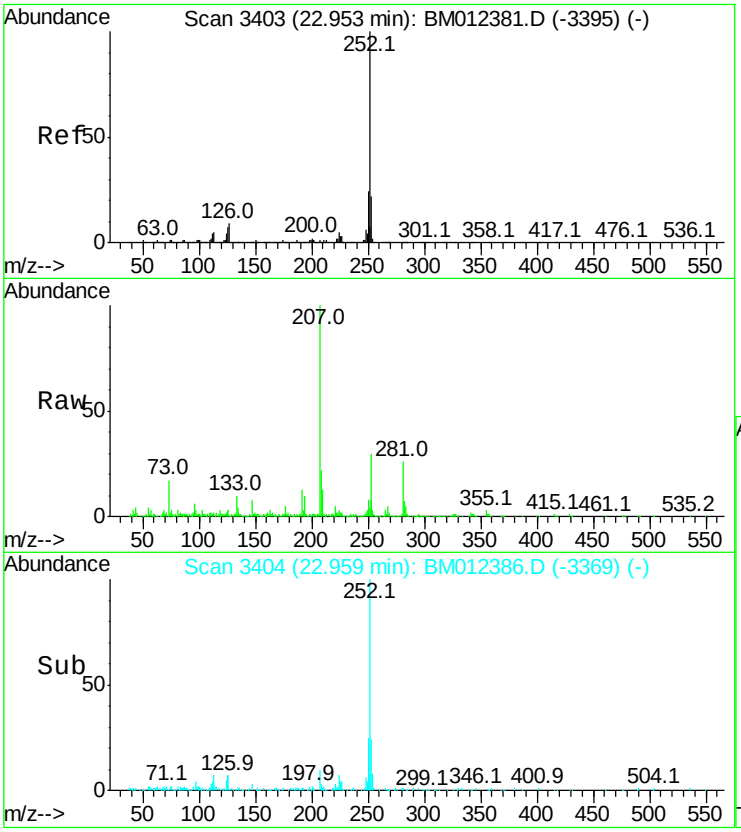


#82
Chrysene
Concen: 1.397 ng/ul
RT: 21.39 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Tgt Ion:228 Resp: 134364

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	20.2	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 1.526 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012386.D
Acq: 22 Oct 2017 08:07

Instrument :
BNA_M
ClientSampleId :
B0CG8

Tgt Ion:252 Resp: 128671

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	10.3	5.1	7.7#