Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009599.D
Acq On : 06 Apr 2017 18:23
Operator : SJ/MA
Sample : I2525-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB348

Quant Time: Apr 06 18:58:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 10:55:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	133050	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	515836	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	303365	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	698149	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	956300	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	930139	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	256282	32.31	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1045389	35.16	ng/ul	0.00
10) Fluorene-d10	15.48	176	756886	35.40	ng/ul	0.00
15) Anthracene-d10	17.33	188	1208936	36.19	ng/ul	0.00
19) Pyrene-d10	19.63	212	1465158	37.28	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1558012	37.94	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.28	178	62023	1.58	ng/ul	95
17) Fluoranthene	19.29	202	115387	2.36	ng/ul#	94
20) Pyrene	19.66	202	110712	2.13	ng/ul	96
21) Benzo(a)anthracene	21.40	228	65333	1.21	ng/ul	97
22) Chrysene	21.45	228	63898	1.29	ng/ul	93
24) Benzo(b)fluoranthene	23.03	252	76830	1.34	ng/ul#	96

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

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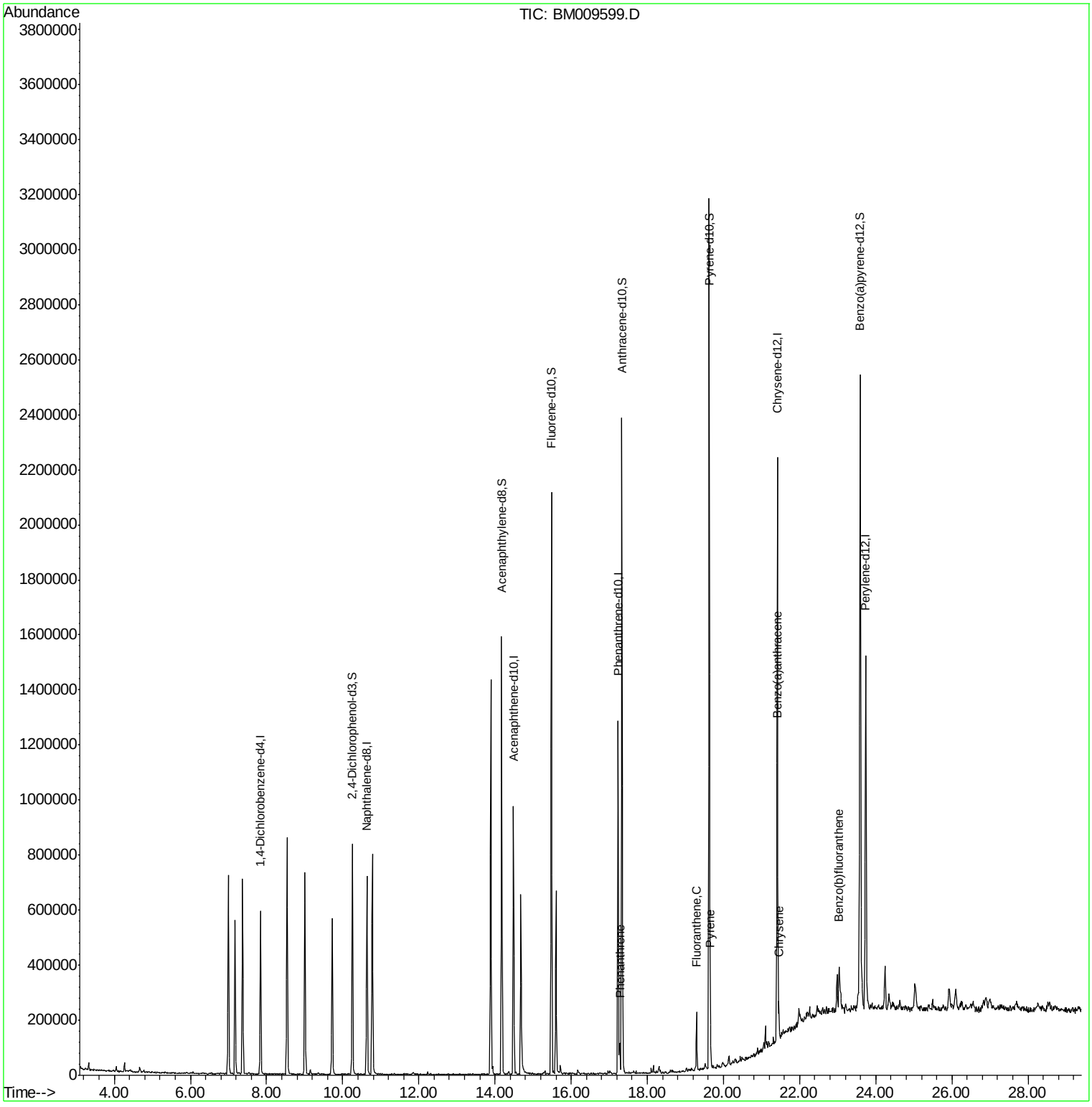
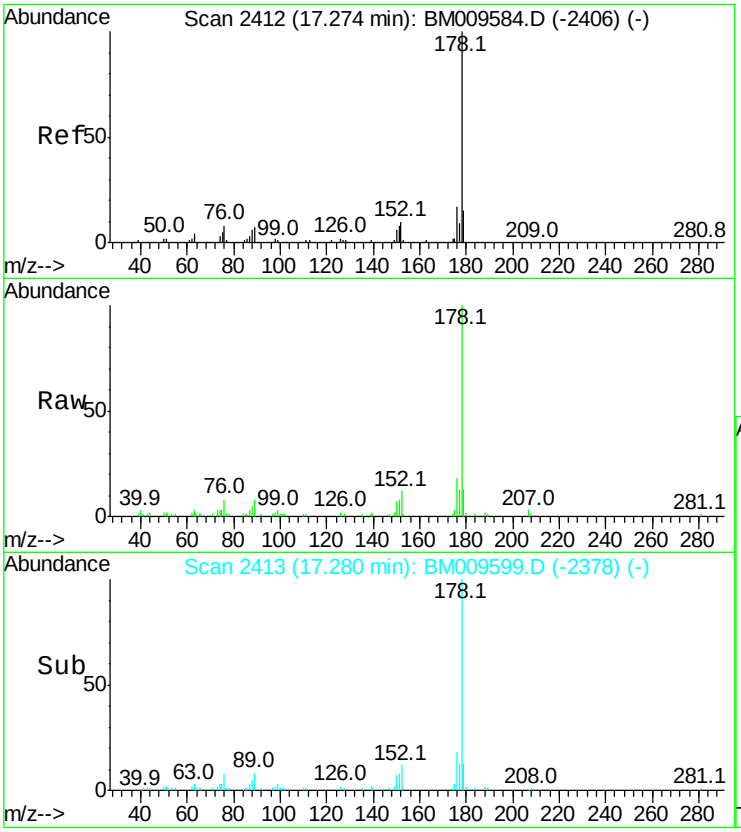


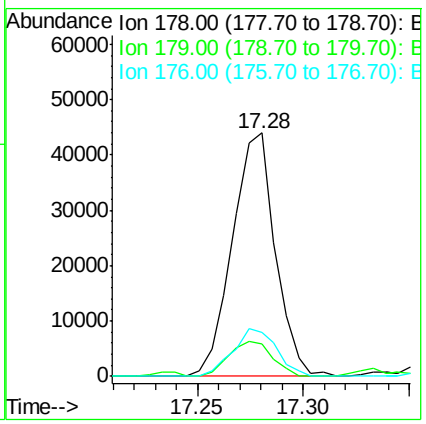


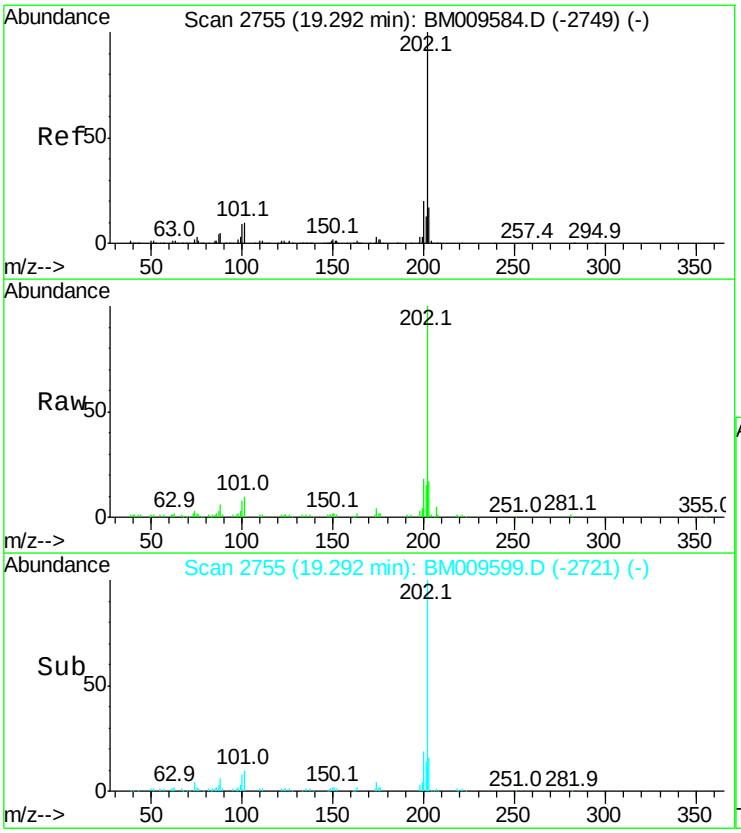
#14
Phenanthrene
Concen: 1.58 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM009599.D
Acq: 06 Apr 2017 18:23

Instrument :
BNA_M
ClientSampleId :
CB348

Tgt Ion:178 Resp: 62023

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.2	18.4
176	18.2	16.4	24.6

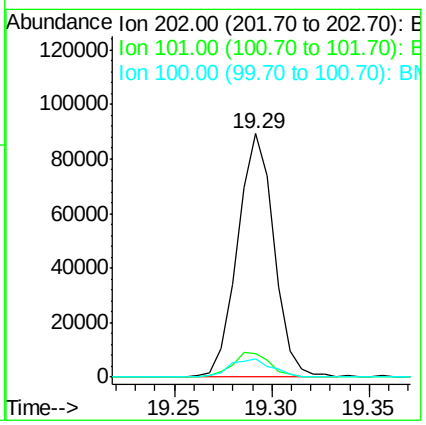


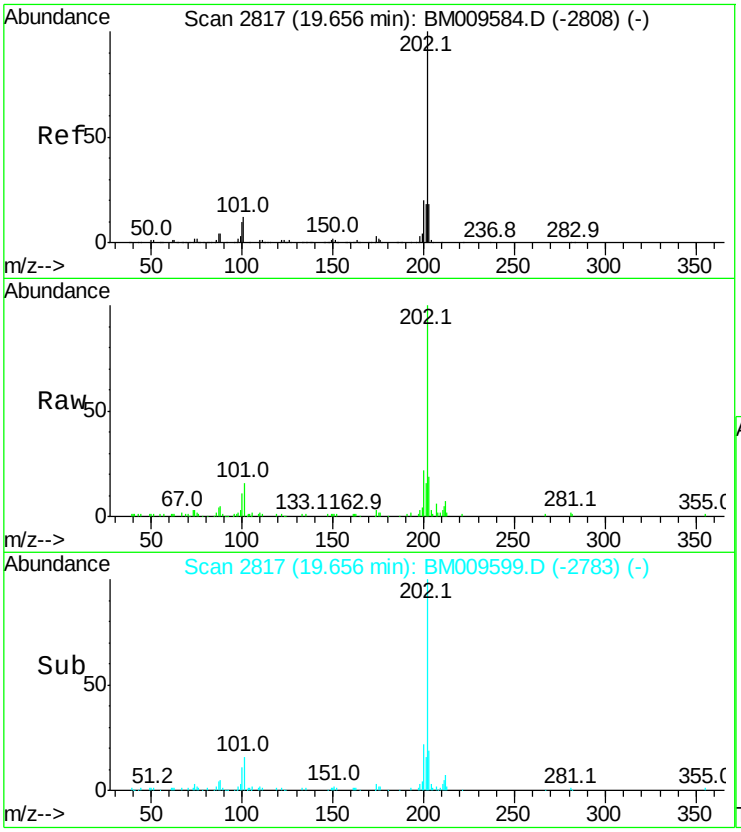


#17
Fluoranthene
Concen: 2.36 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009599.D
Acq: 06 Apr 2017 18:23

Tgt Ion:202 Resp: 115387

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
100	7.8	7.5	11.3



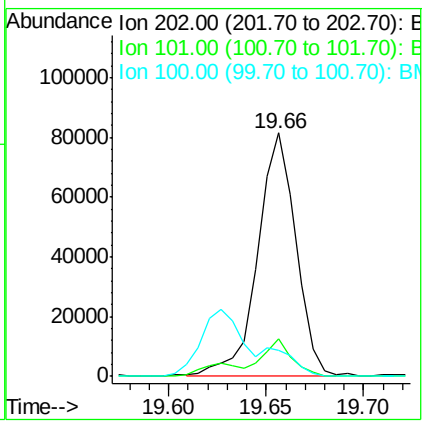


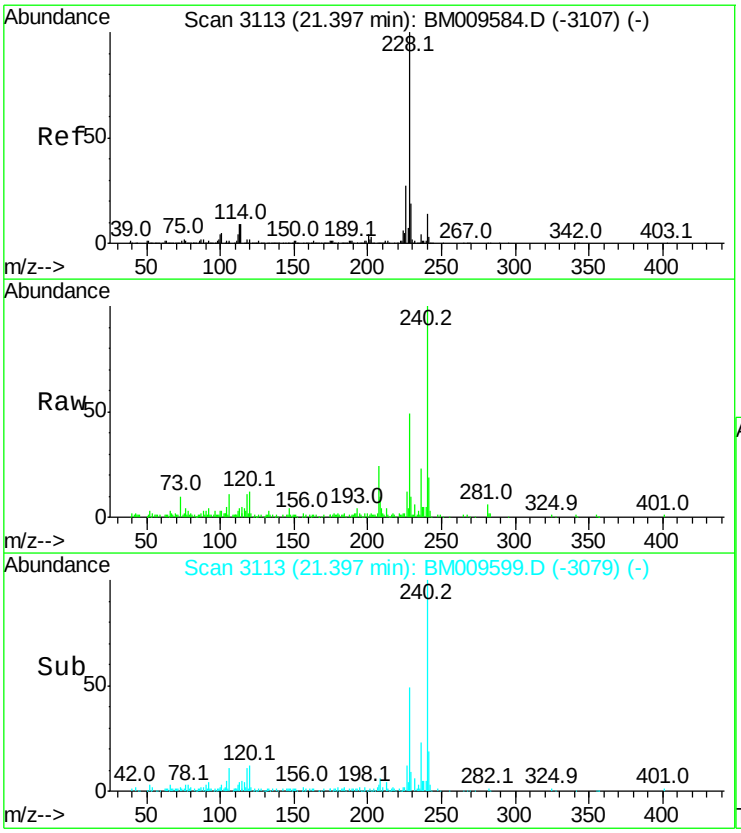
#20
Pyrene
Concen: 2.13 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009599.D
Acq: 06 Apr 2017 18:23

Instrument : BNA_M
ClientSampleId : CB348

Tgt Ion:202 Resp: 110712

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.2	16.8
100	10.8	9.8	14.6

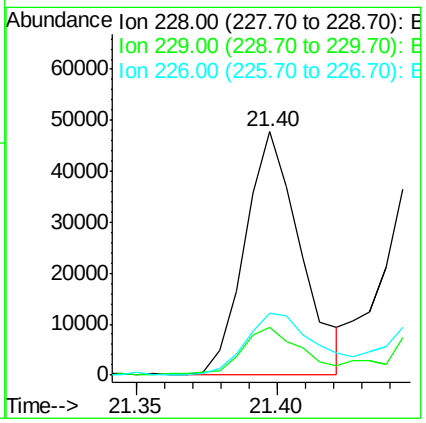


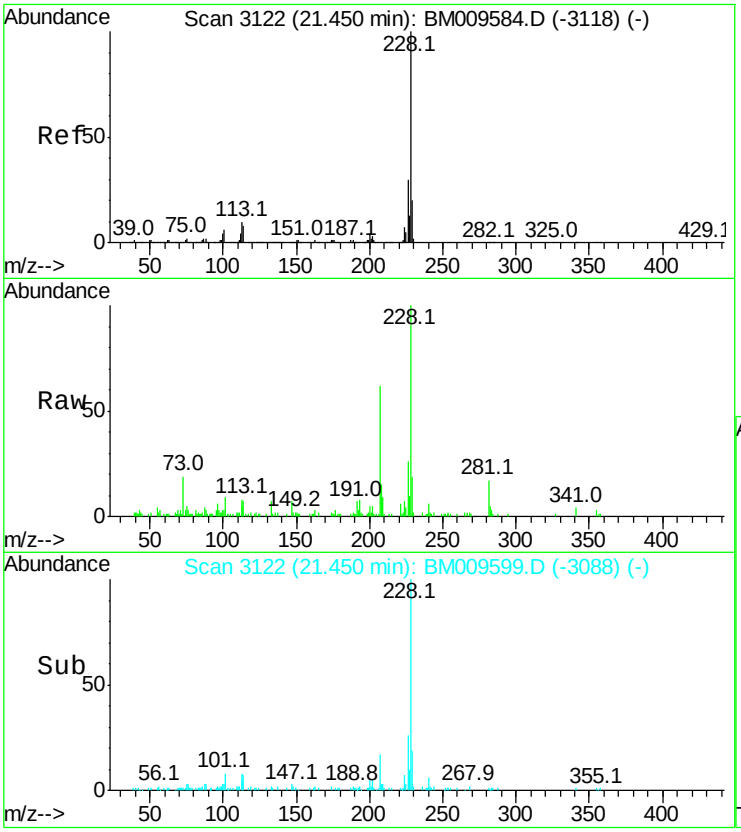


#21
Benzo(a)anthracene
Concen: 1.21 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009599.D
Acq: 06 Apr 2017 18:23

Tgt Ion:228 Resp: 65333

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	25.2	22.1	33.1



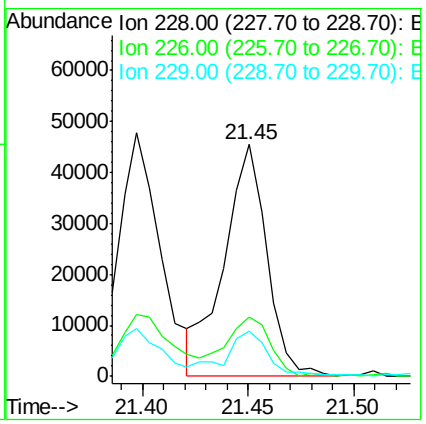


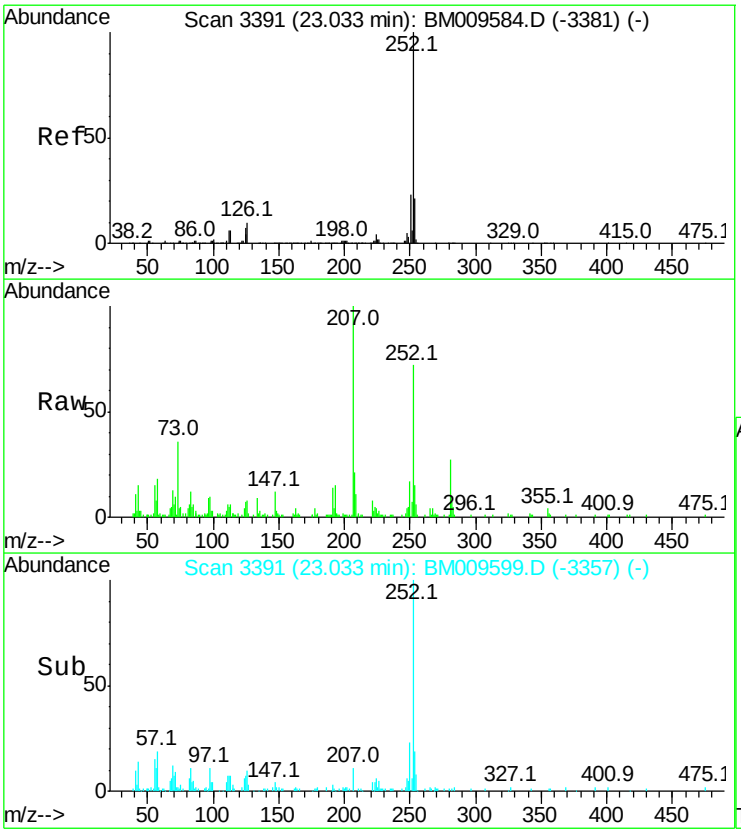
#22
Chrysene
Concen: 1.29 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM009599.D
Acq: 06 Apr 2017 18:23

Instrument :
BNA_M
ClientSampleId :
CB348

Tgt Ion:228 Resp: 63898

Ion	Ratio	Lower	Upper
228	100		
226	25.7	25.0	37.6
229	19.4	16.6	25.0





#24
Benzo(b)fluoranthene
Concen: 1.34 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM009599.D
Acq: 06 Apr 2017 18:23

Tgt Ion:252 Resp: 76830

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	9.1	9.4	14.0#