Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000989.D
Acq On : 14 Apr 2015 18:25
Operator : TP/IZ
Sample : G1858-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS017-0006-01

Quant Time: Apr 15 17:12:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 15 06:02:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	370508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1487616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	808085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1733385	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	1827405	20.00	ng/ul	-0.01
83) Perylene-d12	23.38	264	1760107	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	697225	25.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	454351	26.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	574995	25.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	538194	24.80	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	271834	27.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	288962	27.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	556412	26.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	713966	28.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1838889	34.75	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2203887	28.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	221593	23.89	ng/ul	0.00
57) Fluorene-d10	15.25	176	1544765	28.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	181371	19.58	ng/ul	0.00
70) Anthracene-d10	17.10	188	2298631	29.03	ng/ul	0.00
76) Pyrene-d10	19.40	212	2349444	28.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	2003061	26.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	69278	2.29	ng/ul	99
44) Dimethylphthalate	13.72	163	301394	4.97	ng/ul	98
69) Phenanthrene	17.04	178	131534	1.32	ng/ul	99
74) Fluoranthene	19.07	202	266334	2.41	ng/ul	99
77) Pyrene	19.43	202	208467	1.79	ng/ul	98
80) Benzo(a)anthracene	21.19	228	128352	1.18	ng/ul	99
82) Chrysene	21.24	228	108321	1.04	ng/ul	99
85) Benzo(b)fluoranthene	22.73	252	114188	1.05	ng/ul#	95

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

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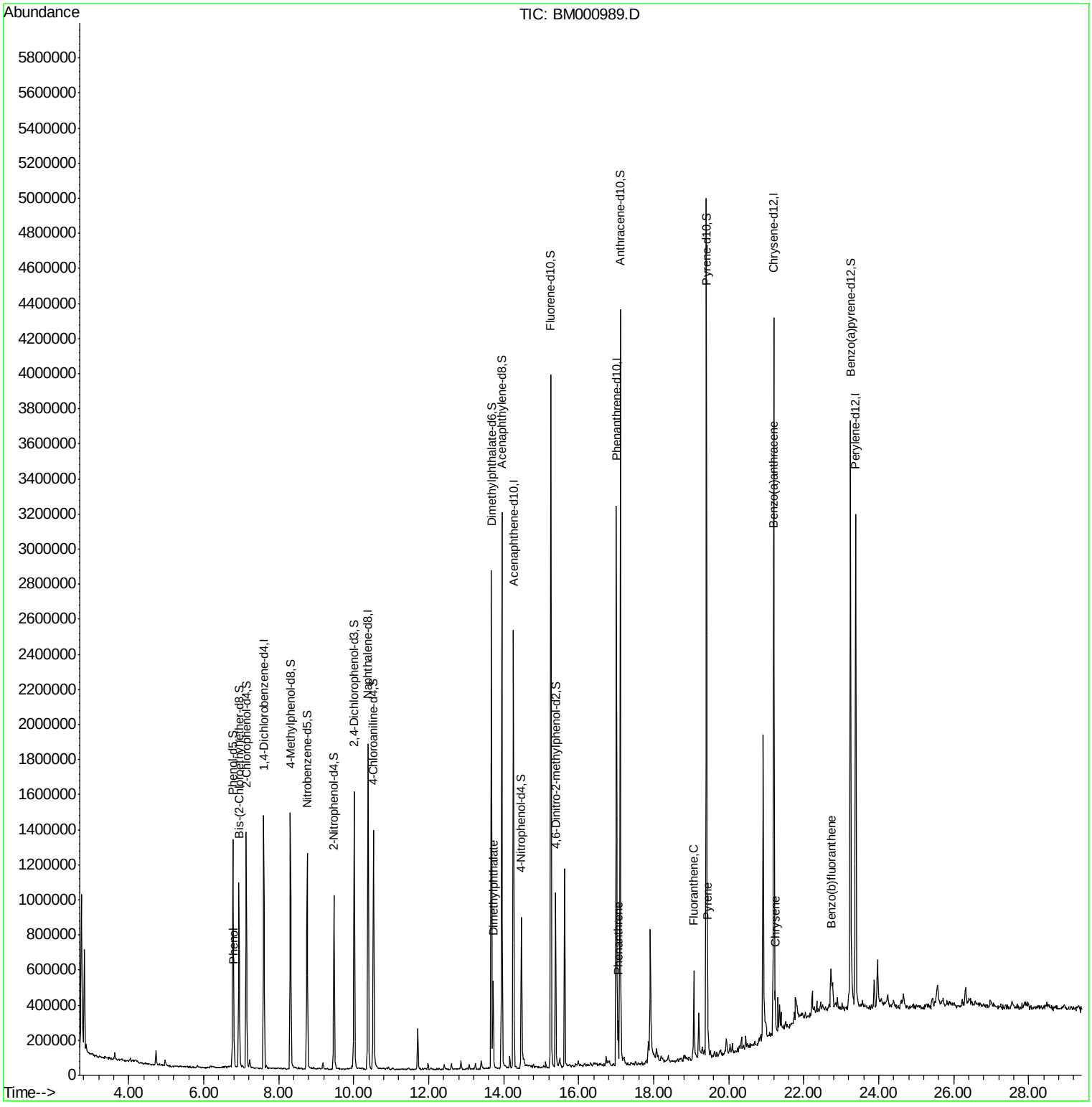
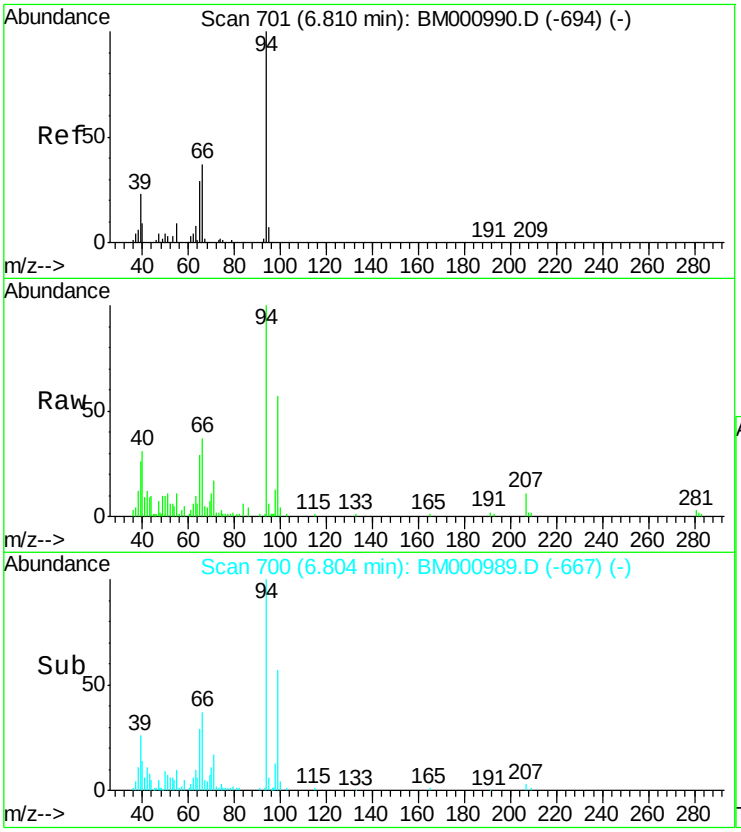


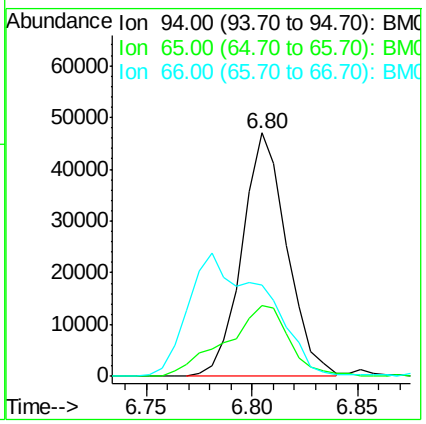


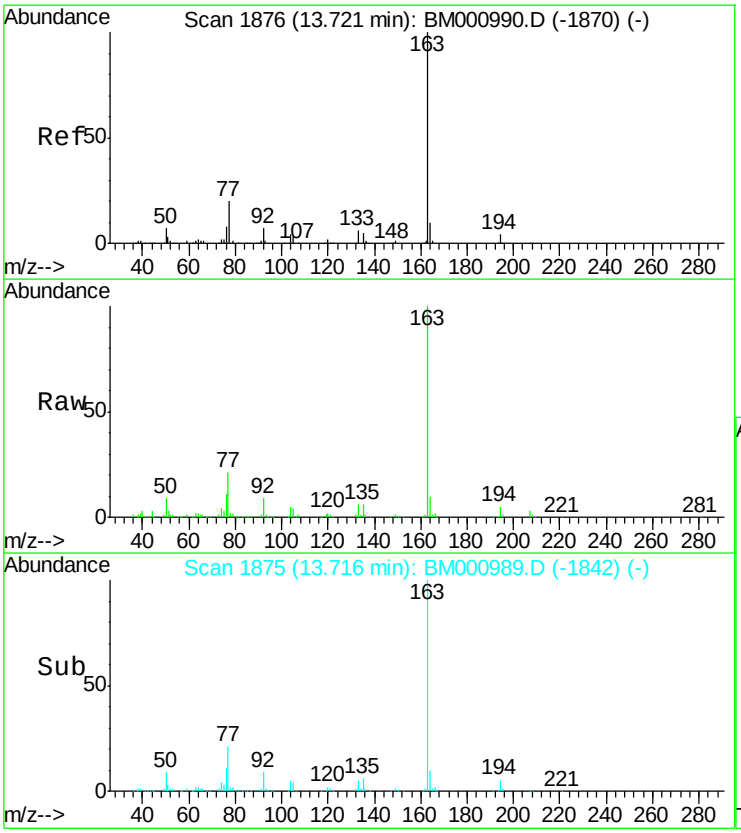
#6
Phenol
Concen: 2.29 ng/ul
RT: 6.80 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Instrument :
BNA_M
ClientSampleId :
P001-SS017-0006-01

Tgt Ion: 94 Resp: 69278

Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.5	35.3
66	37.4	30.6	45.8

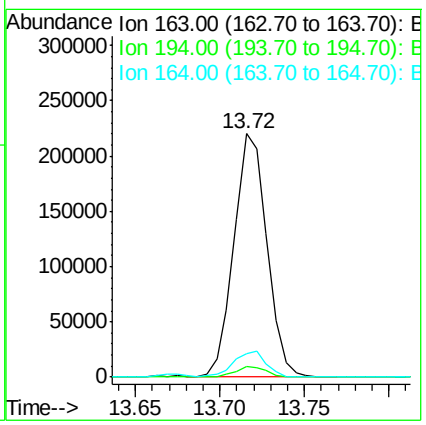


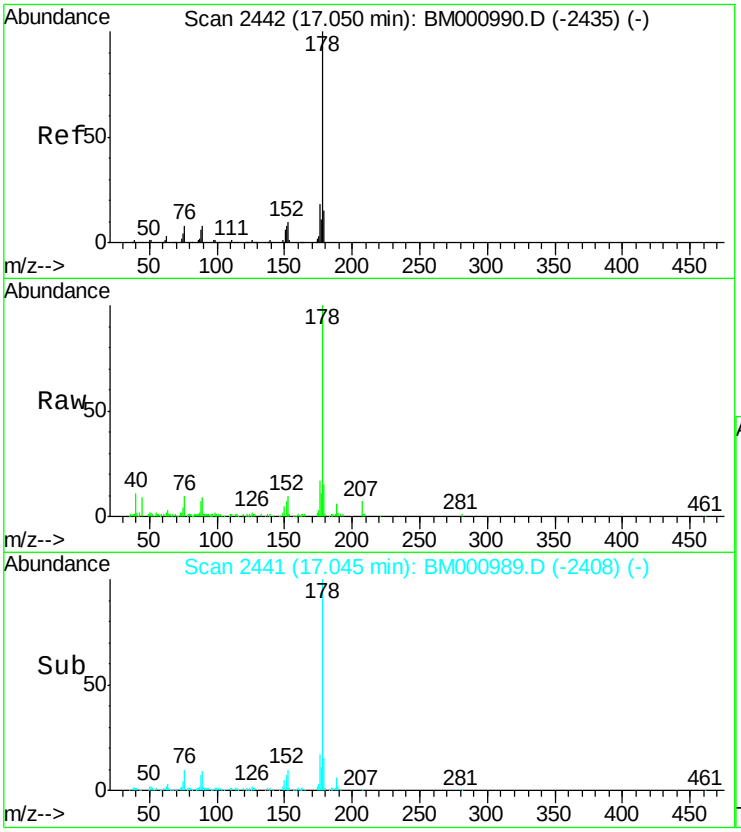


#44
Dimethylphthalate
Concen: 4.97 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Tgt Ion:163 Resp: 301394

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.8	8.6	12.8



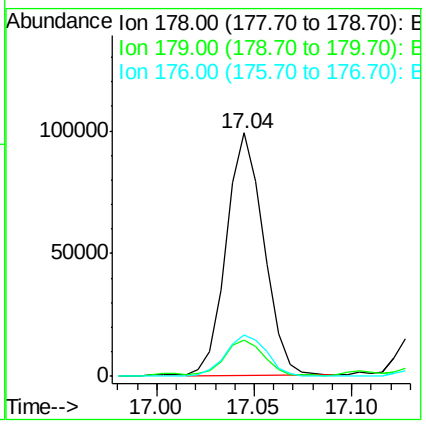


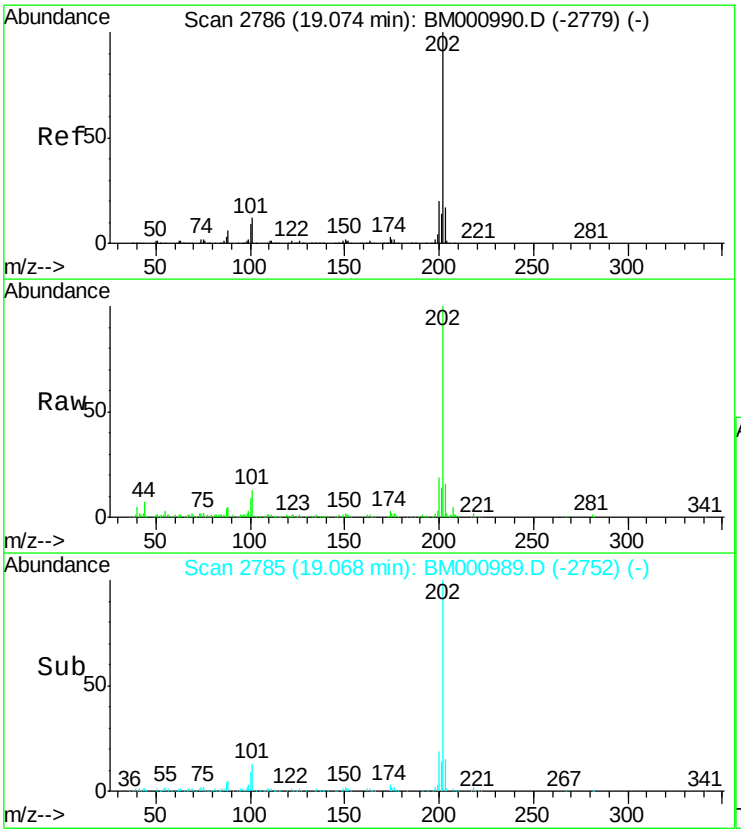
#69
Phenanthrene
Concen: 1.32 ng/ul
RT: 17.04 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Instrument :
BNA_M
ClientSampleId :
P001-SS017-0006-01

Tgt Ion:178 Resp: 131534

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	17.2	14.3	21.5

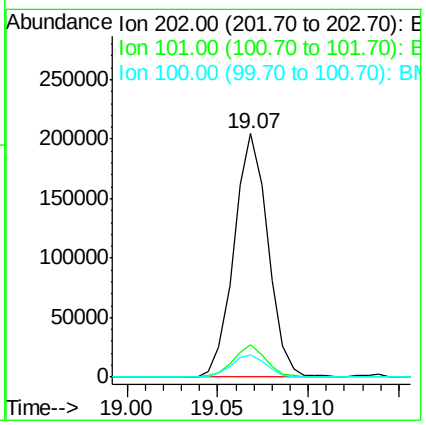


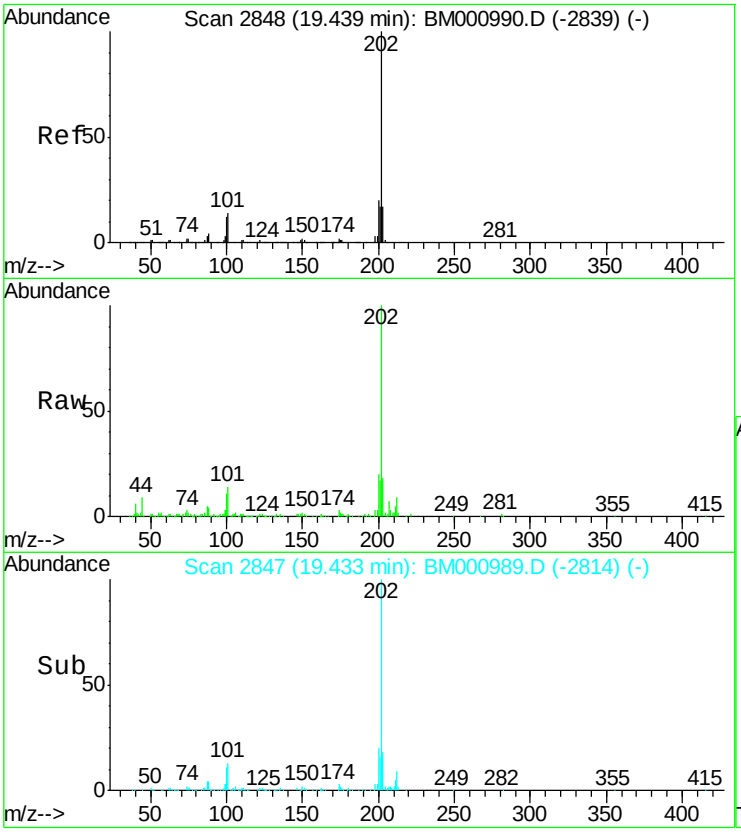


#74
Fluoranthene
Concen: 2.41 ng/ul
RT: 19.07 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Tgt Ion:202 Resp: 266334

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	9.2	7.8	11.8



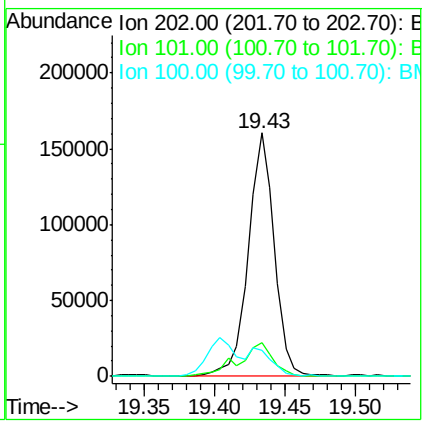


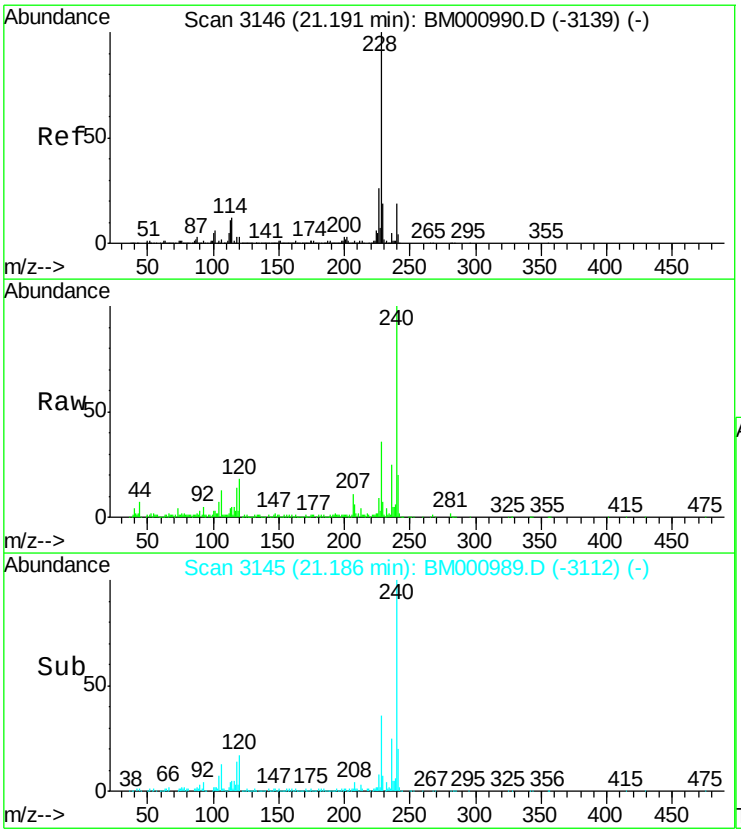
#77
Pyrene
Concen: 1.79 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Instrument :
BNA_M
ClientSampleId :
P001-SS017-0006-01

Tgt Ion:202 Resp: 208467

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.6	17.4
100	10.6	9.4	14.0

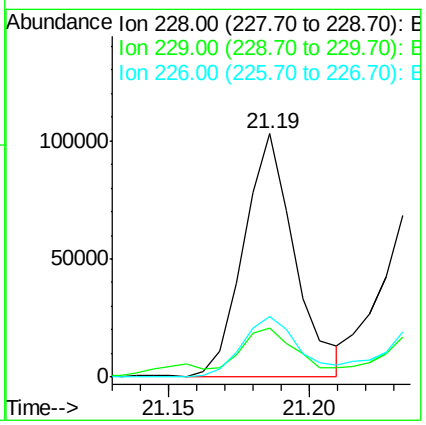


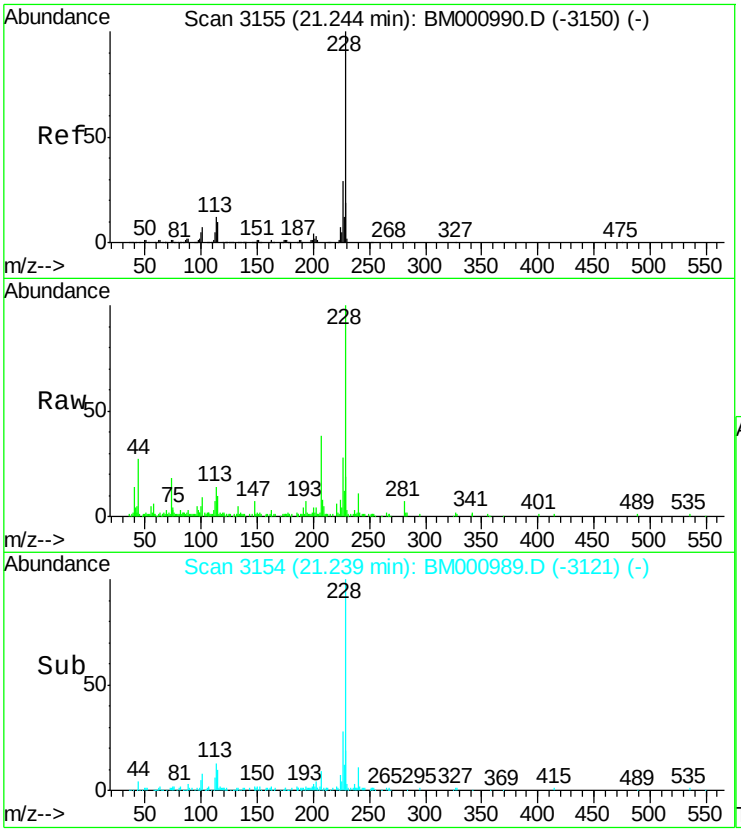


#80
Benzo(a)anthracene
Concen: 1.18 ng/ul
RT: 21.19 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Tgt Ion:228 Resp: 128352

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	24.8	20.5	30.7



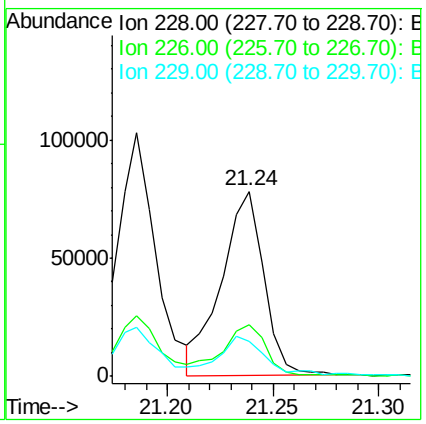


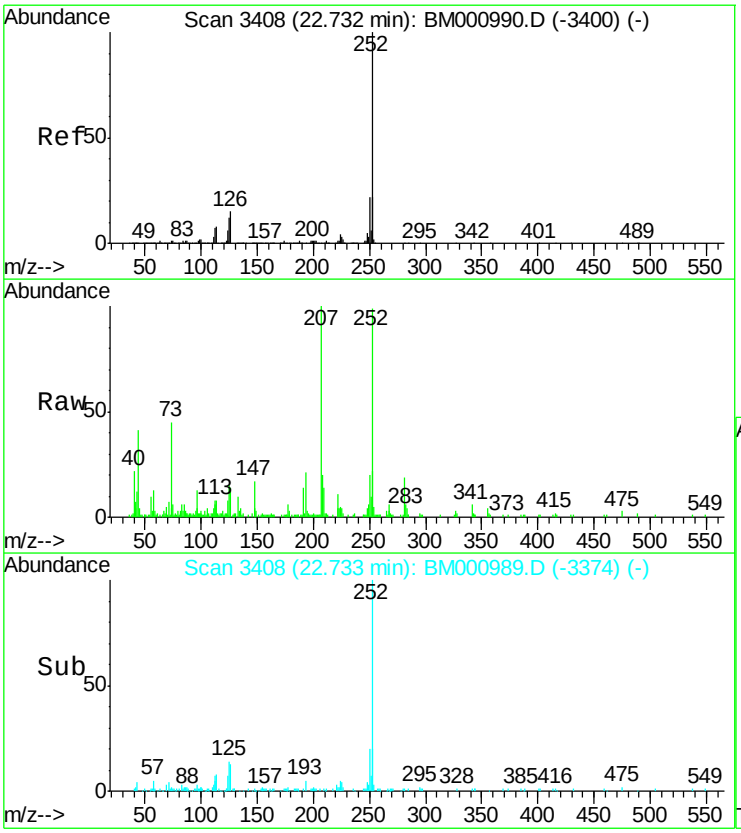
#82
Chrysene
Concen: 1.04 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Instrument :
BNA_M
ClientSampleId :
P001-SS017-0006-01

Tgt Ion:228 Resp: 108321

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	19.1	15.6	23.4





#85
Benzo(b)fluoranthene
Concen: 1.05 ng/ul
RT: 22.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: BM000989.D
Acq: 14 Apr 2015 18:25

Tgt Ion:252 Resp: 114188

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	15.7	9.2	13.8#