Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004010.D
Acq On : 14 Jan 2016 07:01
Operator : SJ/UM
Sample : H1098-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC967

Quant Time: Jan 14 13:07:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	44567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	216548	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	126451	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	277158	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	242698	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	203840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3278	3.29	ng/uL	0.00
5) Phenol-d5	6.84	99	84081	22.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49904	23.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	71489	23.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	68436	22.82	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37312	22.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	41272	23.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	73788	23.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	103157	24.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	263446	26.54	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	322404	26.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	38166	21.41	ng/ul	0.00
58) Fluorene-d10	15.32	176	234016	27.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	30369	19.43	ng/ul	0.00
71) Anthracene-d10	17.17	188	365695	28.53	ng/ul	0.00
79) Pyrene-d10	19.47	212	381879	30.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	297542	29.23	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	165242	16.33	ng/ul	100
70) Phenanthrene	17.11	178	30276	1.94	ng/ul	98
77) Fluoranthene	19.14	202	53836	3.32	ng/ul	98
80) Pyrene	19.50	202	58985	3.58	ng/ul	100
83) Benzo(a)anthracene	21.26	228	23957	1.66	ng/ul	97
85) Chrysene	21.32	228	26349	1.92	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	26069	2.10	ng/ul#	98
91) Benzo(a)pyrene	23.41	252	19259	1.64	ng/ul	96

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

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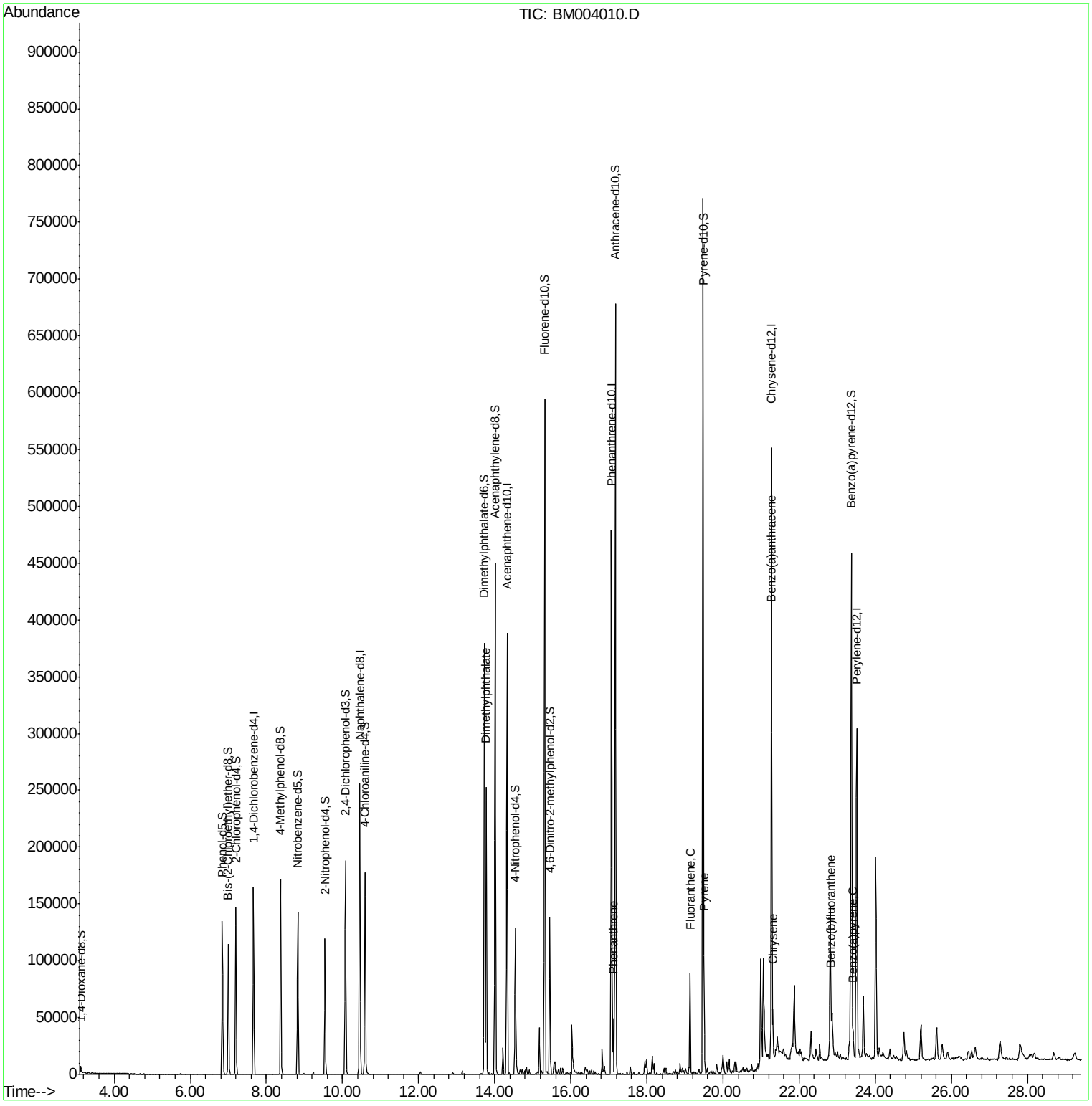
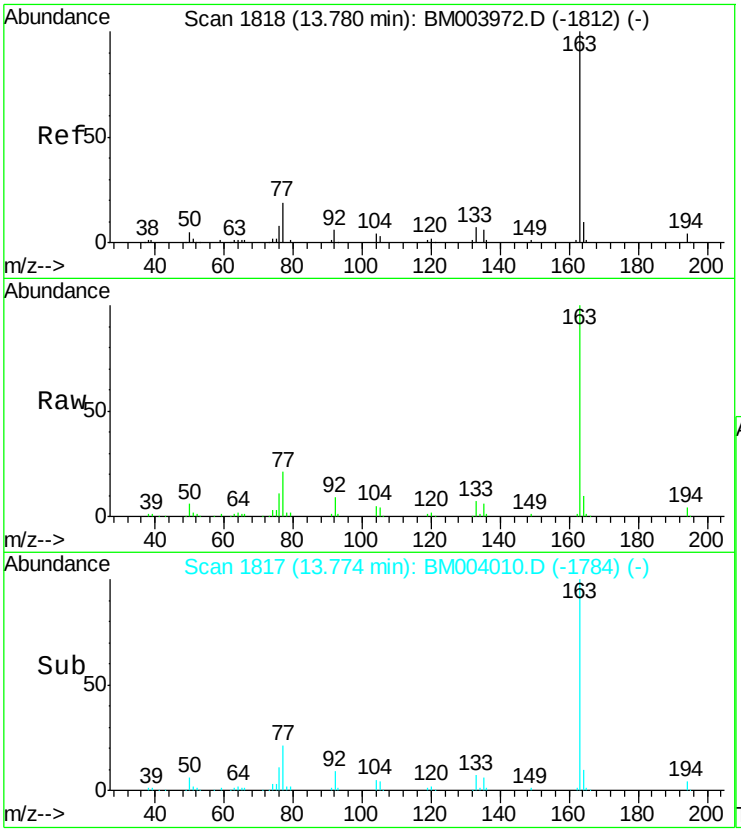


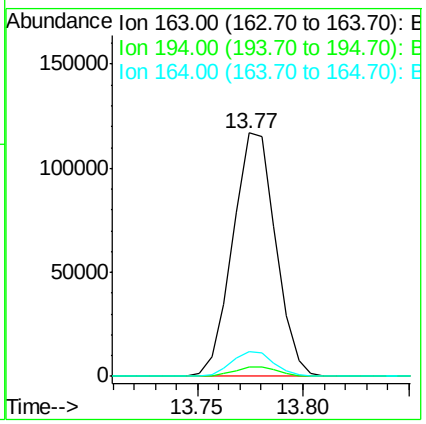


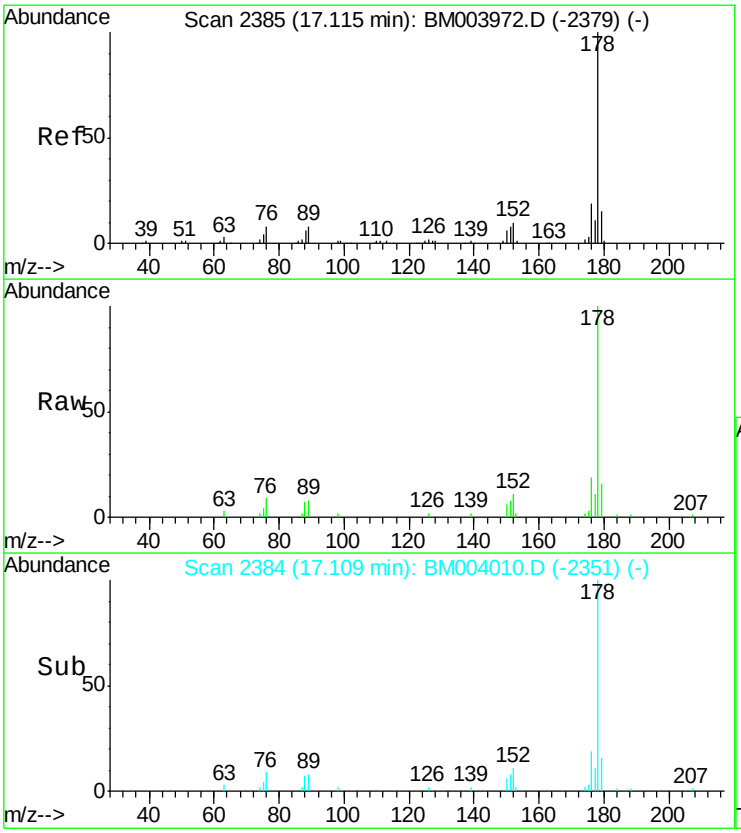
#45
Dimethylphthalate
Concen: 16.33 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Instrument :
BNA_M
ClientSampleId :
BC967

Tgt Ion:163 Resp: 165242

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	7.8	11.8

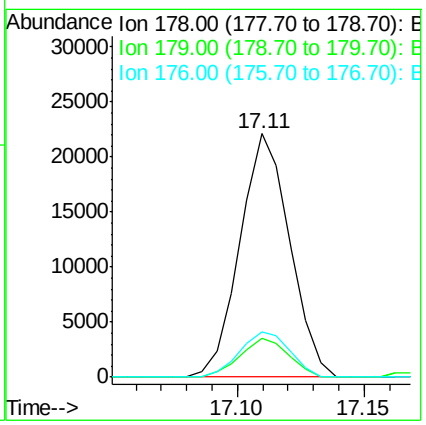


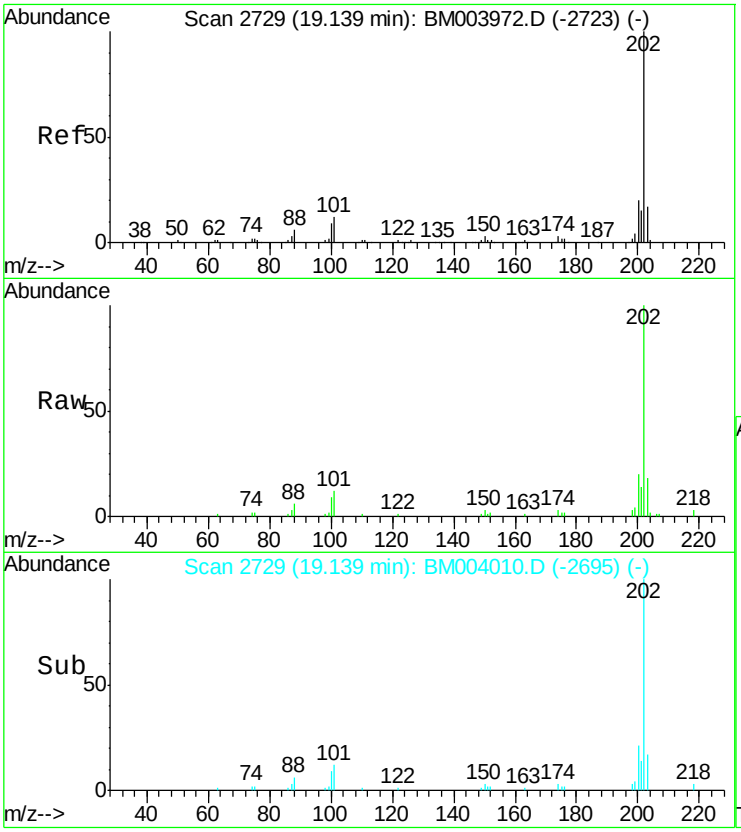


#70
Phenanthrene
Concen: 1.94 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Tgt Ion:178 Resp: 30276

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.8	15.6	23.4



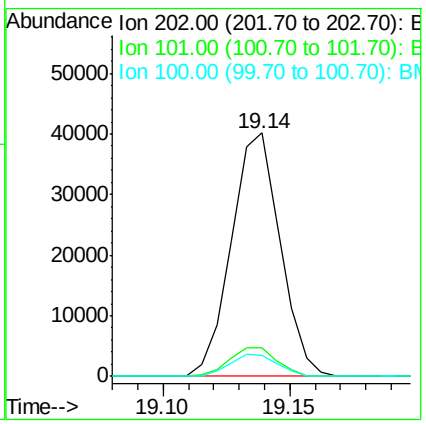


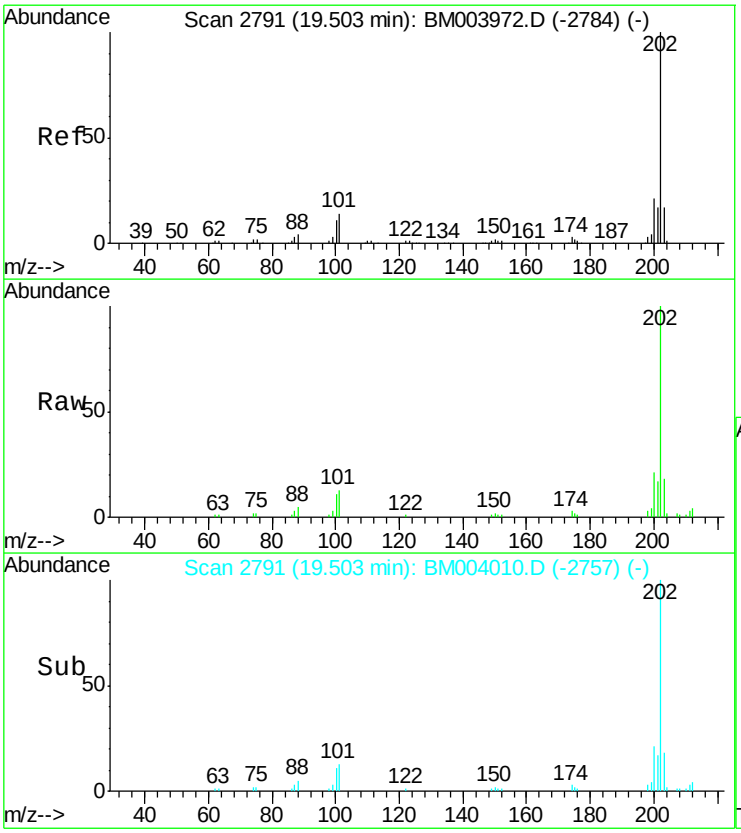
#77
Fluoranthene
Concen: 3.32 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Instrument :
BNA_M
ClientSampleId :
BC967

Tgt Ion:202 Resp: 53836

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
100	8.5	6.6	9.8

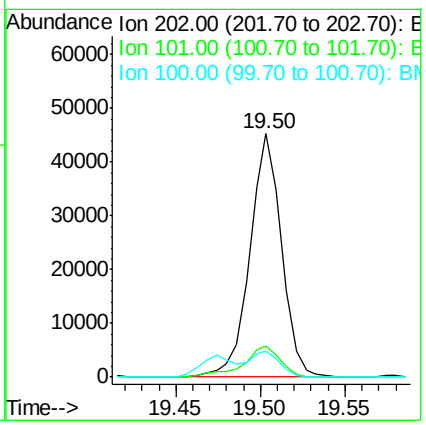


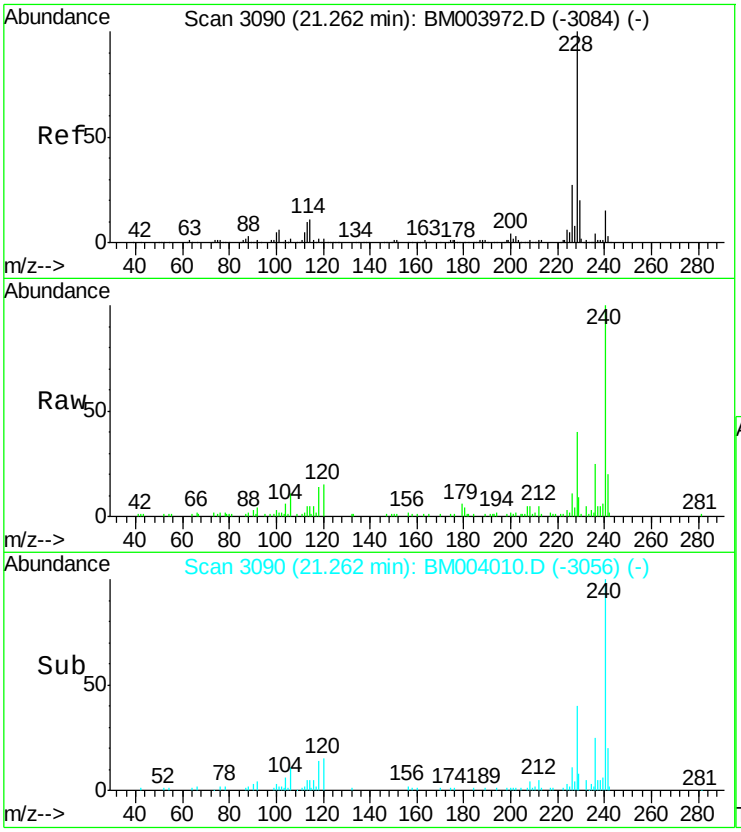


#80
Pyrene
Concen: 3.58 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Tgt Ion:202 Resp: 58985

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.2	15.2
100	10.6	8.5	12.7



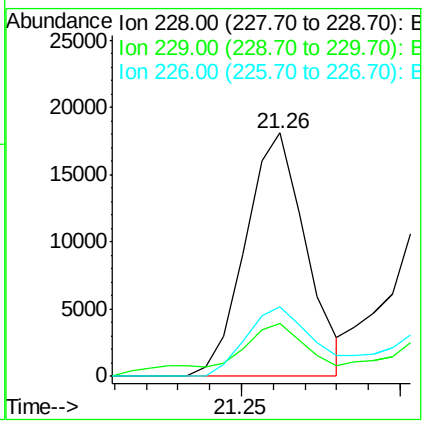


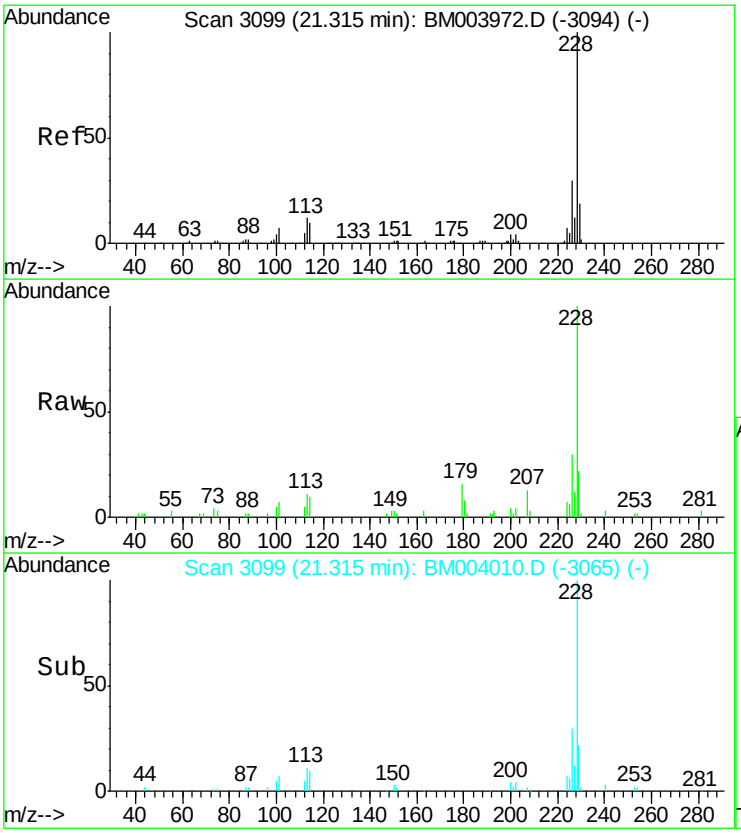
#83
Benzo(a)anthracene
Concen: 1.66 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Instrument :
BNA_M
ClientSampleId :
BC967

Tgt Ion:228 Resp: 23957

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	28.4	21.8	32.6

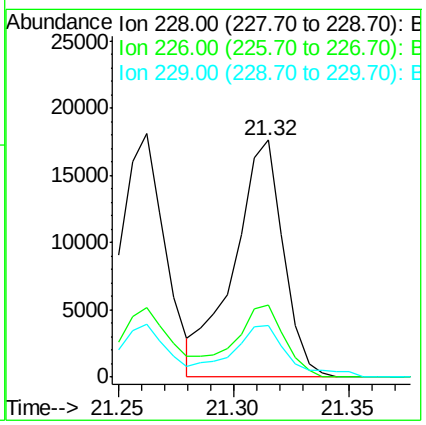


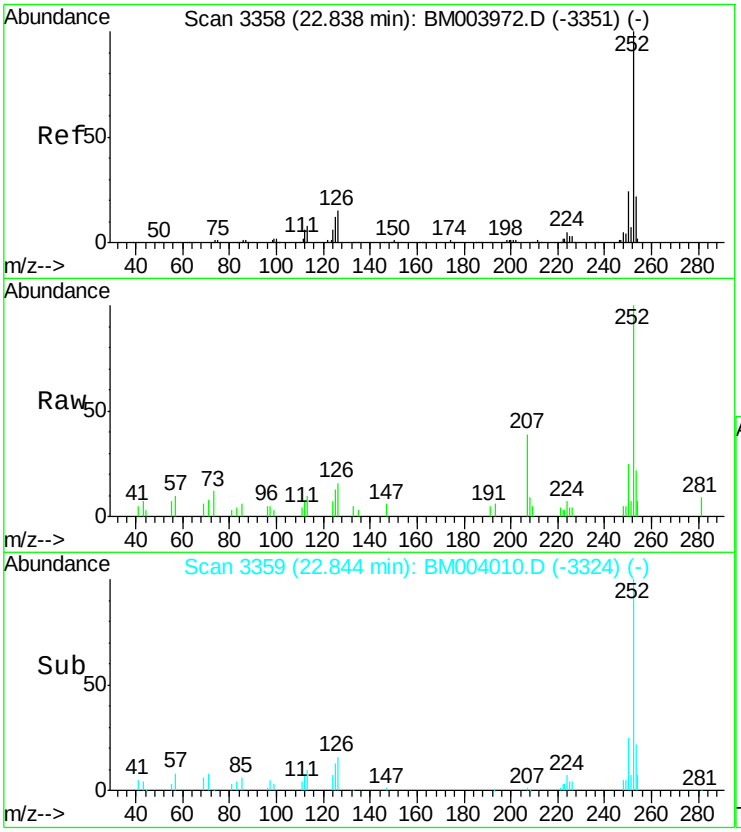


#85
Chrysene
Concen: 1.92 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Tgt Ion:228 Resp: 26349

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.8	15.6	23.4



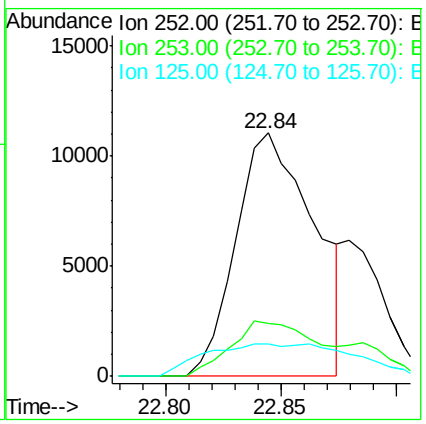


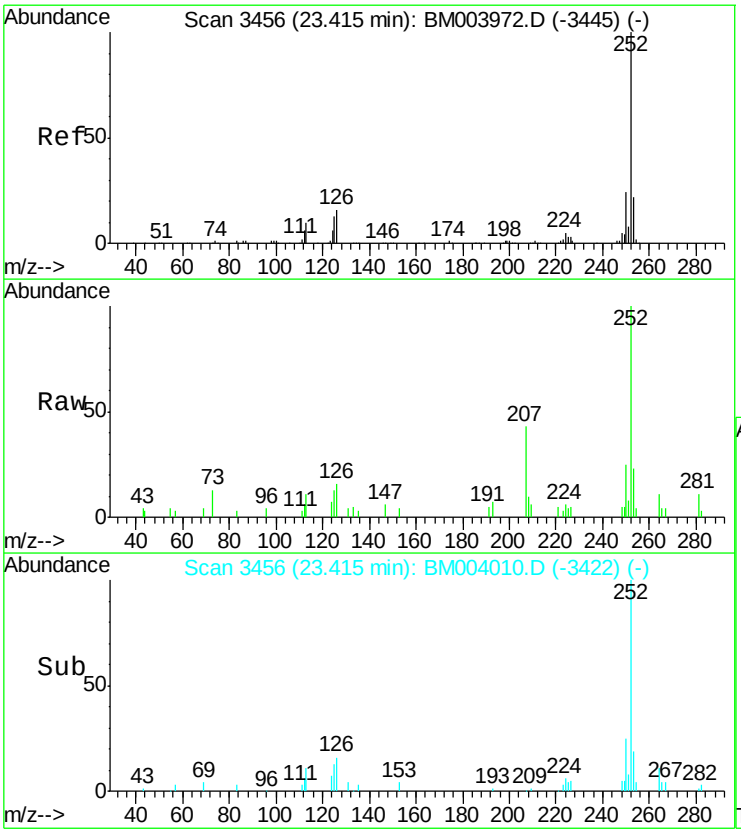
#88
Benzo(b)fluoranthene
Concen: 2.10 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Instrument :
BNA_M
ClientSampleId :
BC967

Tgt Ion:252 Resp: 26069

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.2	8.5	12.7#





#91
Benzo(a)pyrene
Concen: 1.64 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM004010.D
Acq: 14 Jan 2016 07:01

Tgt Ion:252 Resp: 19259

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.3	9.0	13.6