Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004001.D
Acq On : 14 Jan 2016 01:41
Operator : SJ/UM
Sample : H1098-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC947

Quant Time: Jan 14 11:20:50 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	46985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	223874	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	130969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	293521	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	270738	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	220449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	5110	4.87	ng/uL	0.00
5) Phenol-d5	6.84	99	125910	32.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	73467	33.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	105964	33.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	100691	31.85	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	53814	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	59916	32.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	106724	32.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	147324	33.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	362271	35.23	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	444781	35.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	58102	31.46	ng/ul	0.00
58) Fluorene-d10	15.32	176	318122	36.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	47249	28.55	ng/ul	0.00
71) Anthracene-d10	17.17	188	495685	36.51	ng/ul	0.00
79) Pyrene-d10	19.47	212	536723	38.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	424097	38.52	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.78	163	195753	18.67	ng/ul	99
70) Phenanthrene	17.11	178	38425	2.33	ng/ul	100
77) Fluoranthene	19.13	202	75060	4.38	ng/ul	97
80) Pyrene	19.50	202	77555	4.22	ng/ul	100
83) Benzo(a)anthracene	21.26	228	33036	2.05	ng/ul	99
85) Chrysene	21.31	228	35210	2.30	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	34452	2.57	ng/ul#	97
91) Benzo(a)pyrene	23.41	252	25217	1.98	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	14630	1.04	ng/ul	95
94) Benzo(g,h,i)perylene	26.44	276	13962	1.18	ng/ul	99

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

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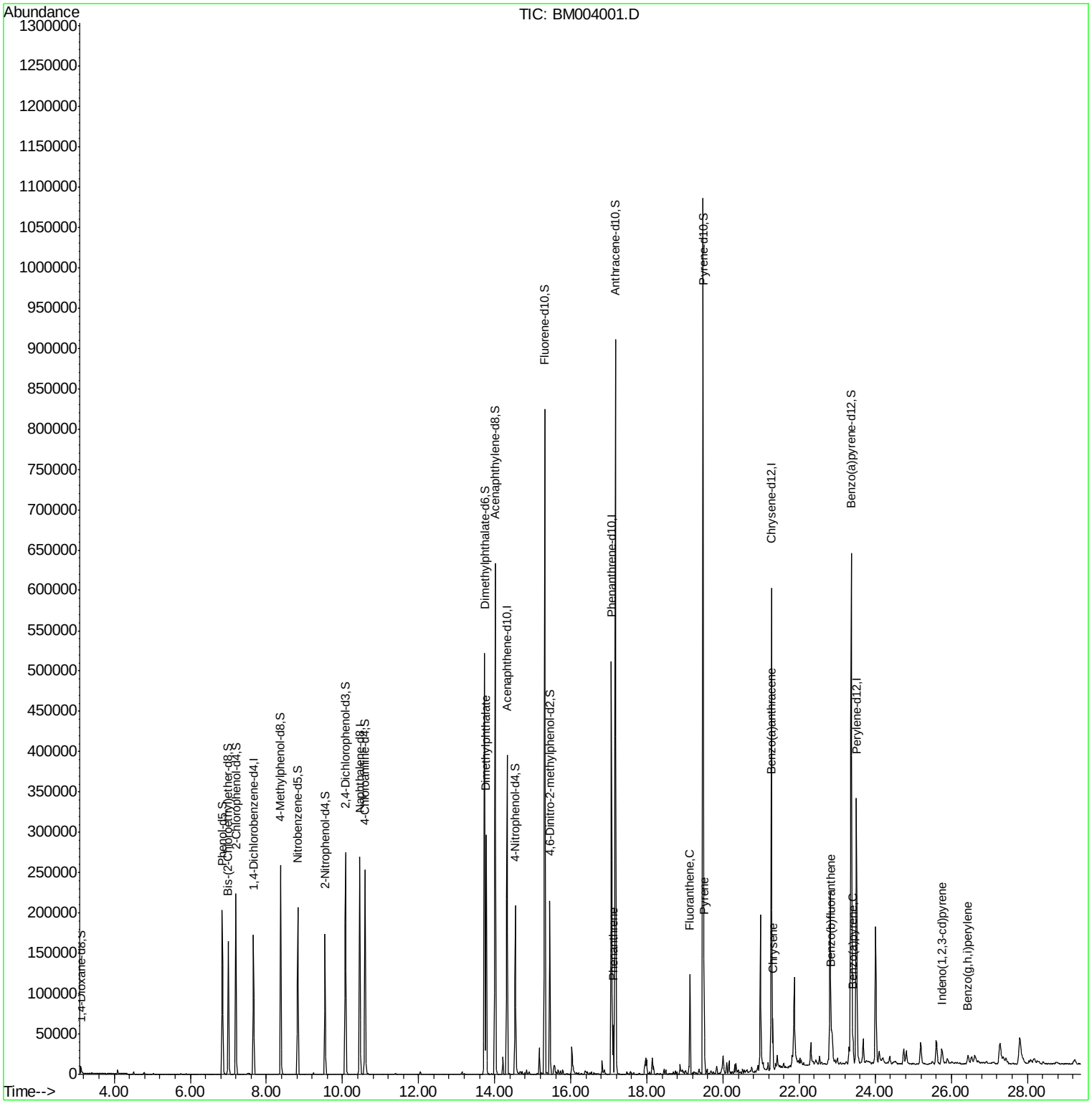
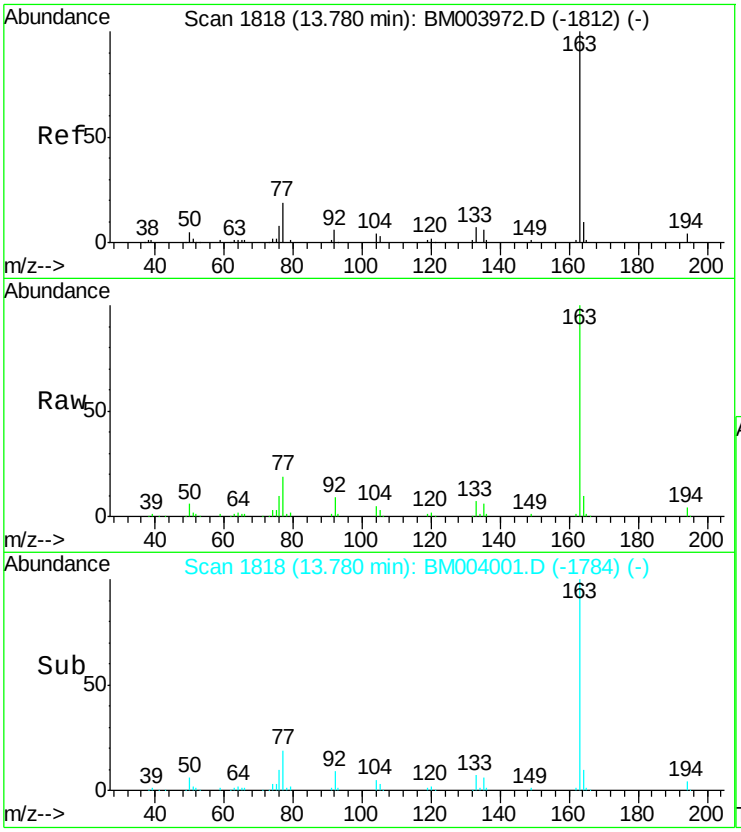


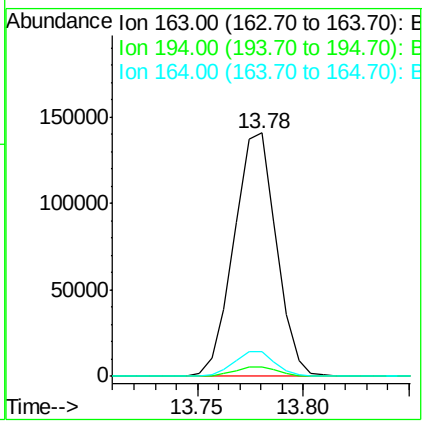


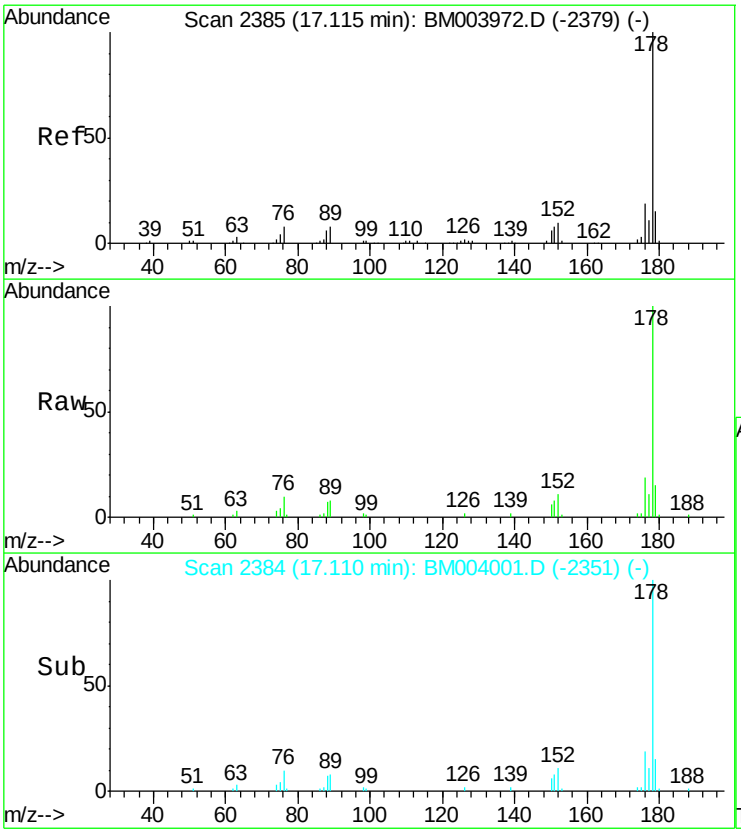
#45
Dimethylphthalate
Concen: 18.67 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Instrument :
BNA_M
ClientSampleId :
BC947

Tgt Ion:163 Resp: 195753

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	7.8	11.8

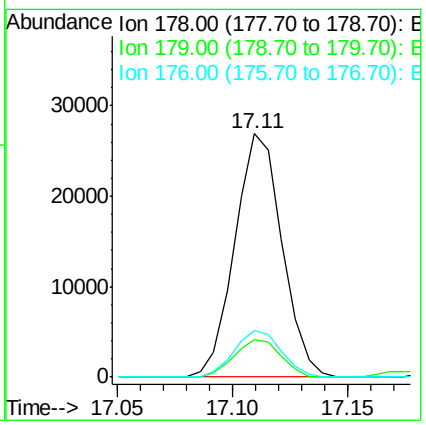


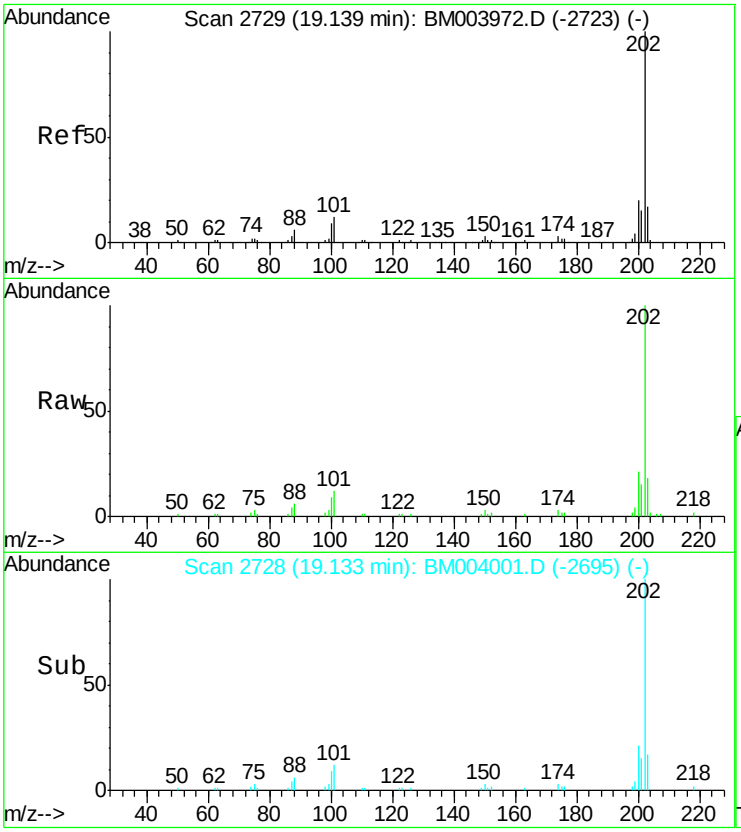


#70
Phenanthrene
Concen: 2.33 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Tgt Ion:178 Resp: 38425

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.3	15.6	23.4



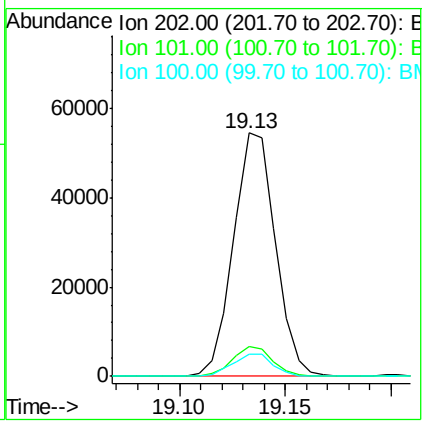


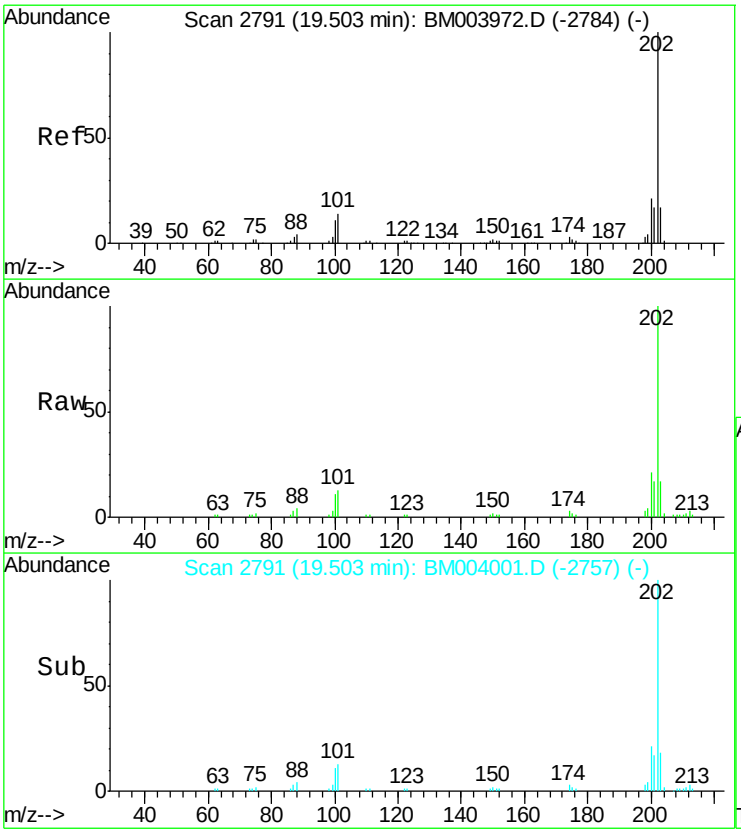
#77
Fluoranthene
Concen: 4.38 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Instrument :
BNA_M
ClientSampleId :
BC947

Tgt Ion:202 Resp: 75060

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.8	13.2
100	8.9	6.6	9.8

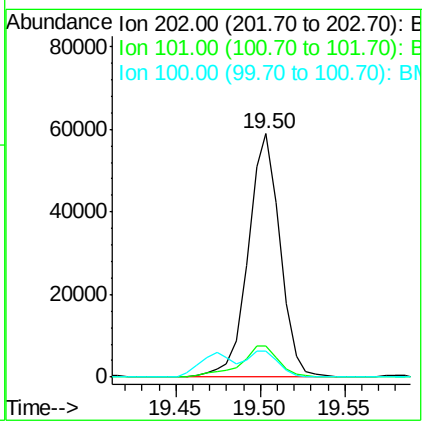


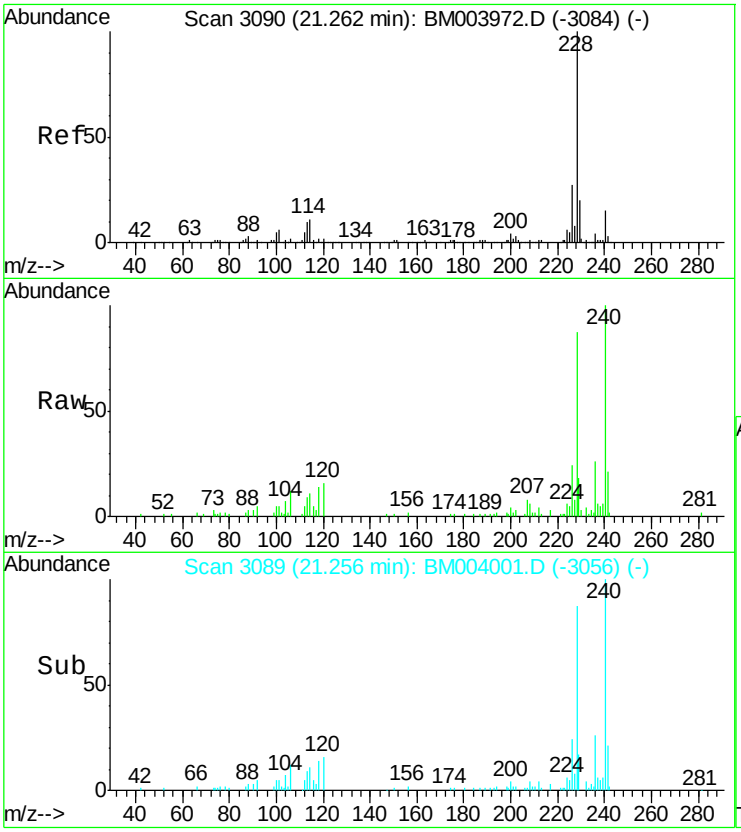


#80
Pyrene
Concen: 4.22 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Tgt Ion:202 Resp: 77555

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
100	10.6	8.5	12.7



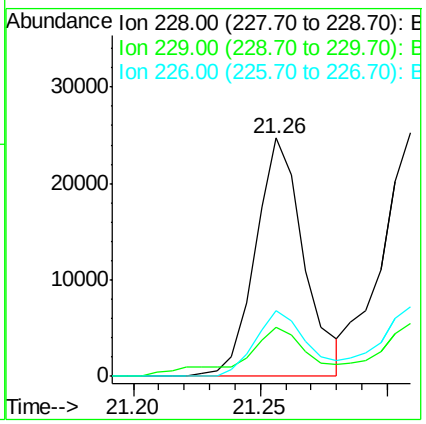


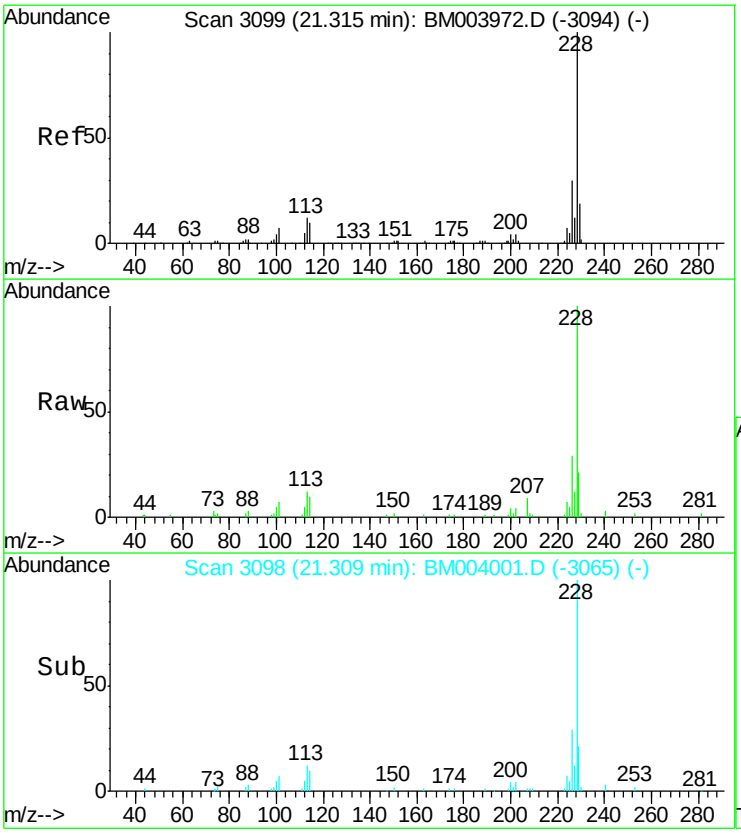
#83
Benzo(a)anthracene
Concen: 2.05 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Instrument :
BNA_M
ClientSampleId :
BC947

Tgt Ion:228 Resp: 33036

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.4	21.8	32.6

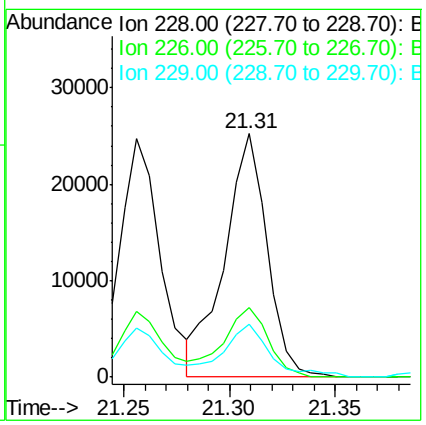


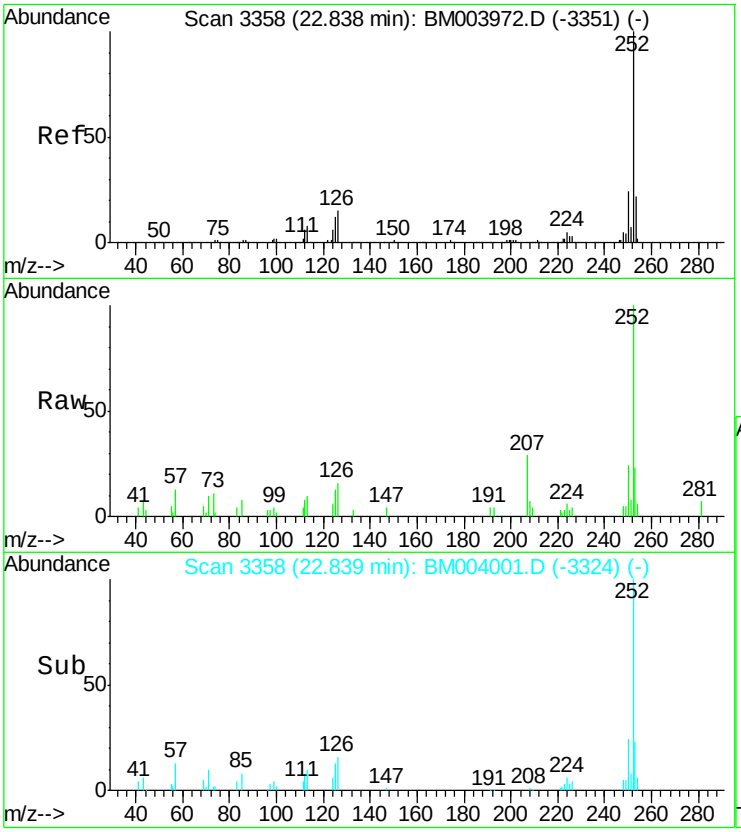


#85
Chrysene
Concen: 2.30 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Tgt Ion:228 Resp: 35210

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.5	15.6	23.4



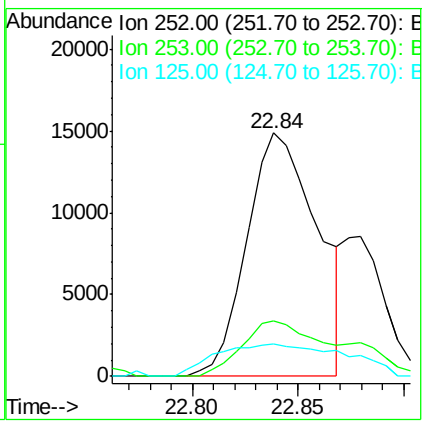


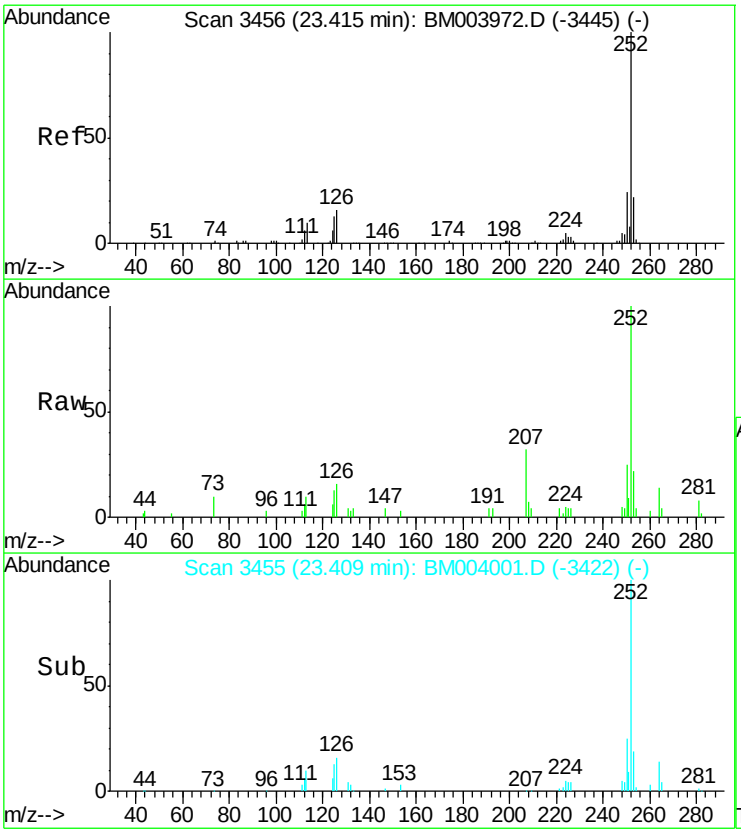
#88
Benzo(b)fluoranthene
Concen: 2.57 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Instrument :
BNA_M
ClientSampleId :
BC947

Tgt Ion:252 Resp: 34452

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.1	8.5	12.7#

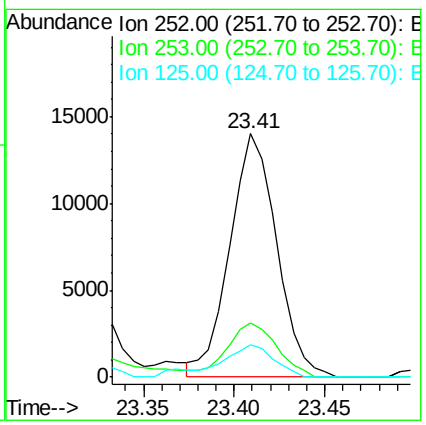


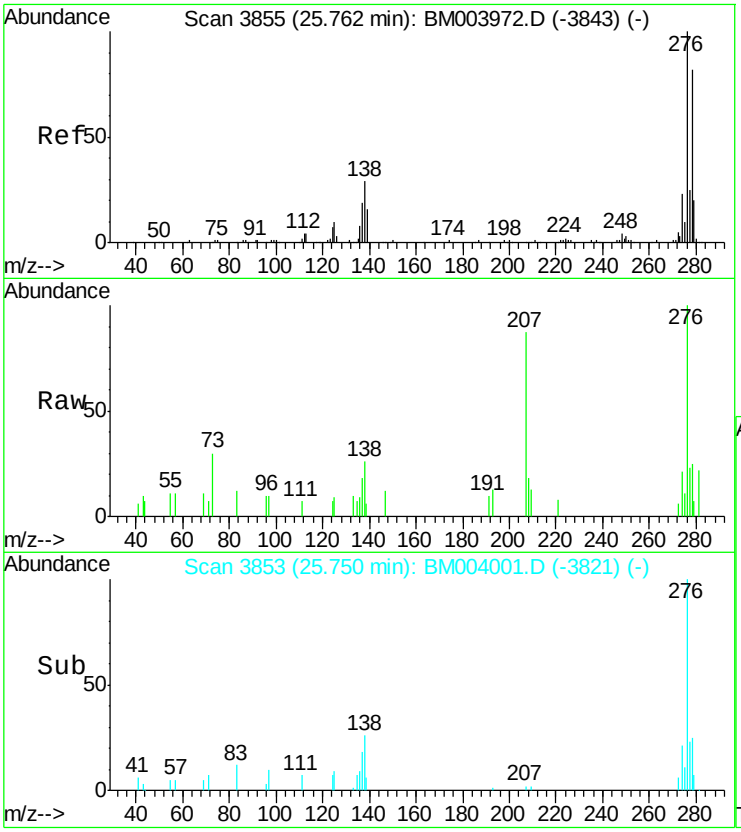


#91
Benzo(a)pyrene
Concen: 1.98 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Tgt Ion:252 Resp: 25217

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.4	9.0	13.6



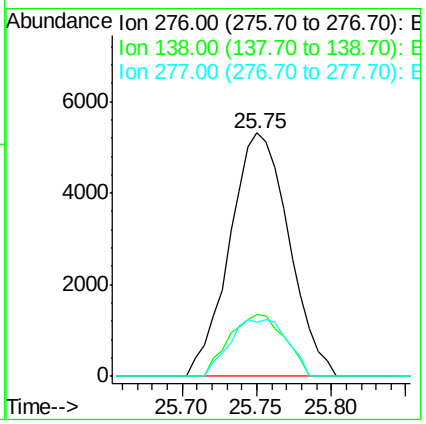


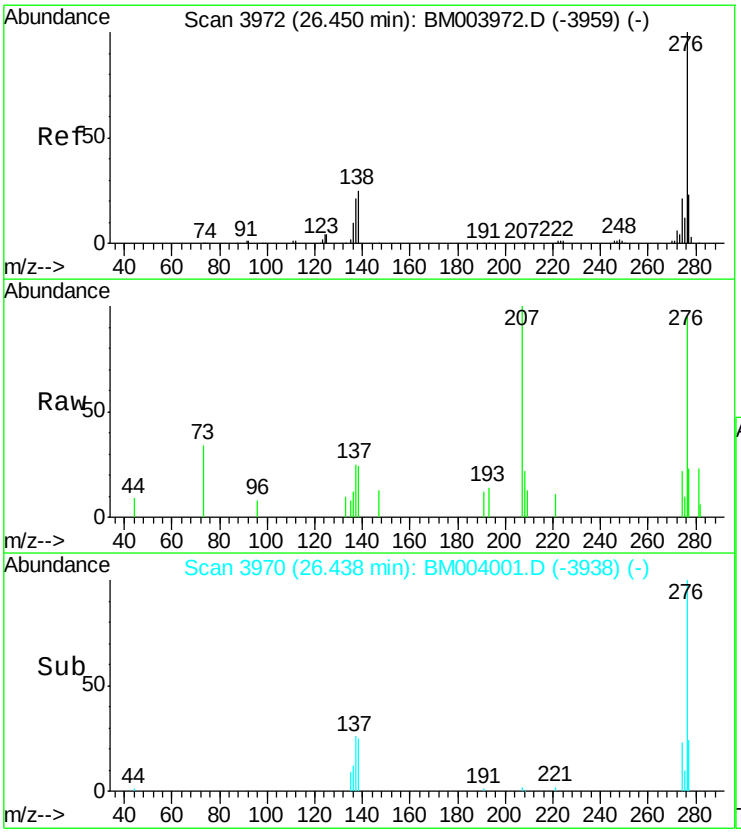
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng/ul
RT: 25.75 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Instrument :
BNA_M
ClientSampleId :
BC947

Tgt Ion:276 Resp: 14630

Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.3	33.5
277	22.5	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.18 ng/ul
RT: 26.44 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BM004001.D
Acq: 14 Jan 2016 01:41

Tgt Ion:276 Resp: 13962

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.9	28.3
277	23.9	19.2	28.8