Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004018.D
Acq On : 14 Jan 2016 18:32
Operator : SJ/UM
Sample : H1099-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC994

Quant Time: Jan 15 00:31:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	44768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	213675	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	123344	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	262681	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	208005	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	189470	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4223	4.22	ng/uL	0.00
5) Phenol-d5	6.85	99	99336	26.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	58997	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	85530	28.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	71736	23.82	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	43729	27.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	48177	27.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	84213	26.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	92135	22.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	273751	28.27	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	340834	28.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	37407	21.51	ng/ul	0.00
58) Fluorene-d10	15.32	176	240124	29.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	27775	18.75	ng/ul	0.00
71) Anthracene-d10	17.17	188	345452	28.43	ng/ul	0.00
79) Pyrene-d10	19.47	212	346719	32.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	277045	29.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.87	94	4972	1.27	ng/ul	94
14) Acetophenone	8.49	105	11667	2.49	ng/ul	98
45) Dimethylphthalate	13.78	163	160210	16.23	ng/ul	100
70) Phenanthrene	17.11	178	51464	3.48	ng/ul	99
77) Fluoranthene	19.14	202	100184	6.53	ng/ul	100
80) Pyrene	19.50	202	104304	7.39	ng/ul	100
83) Benzo(a)anthracene	21.26	228	41926	3.38	ng/ul	99
85) Chrysene	21.31	228	45820	3.89	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	46244	4.01	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	28041	2.56	ng/ul	97
91) Benzo(a)pyrene	23.42	252	35882	3.28	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	21659	1.79	ng/ul	99
94) Benzo(g,h,i)perylene	26.44	276	17851	1.76	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Sample : H1099-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
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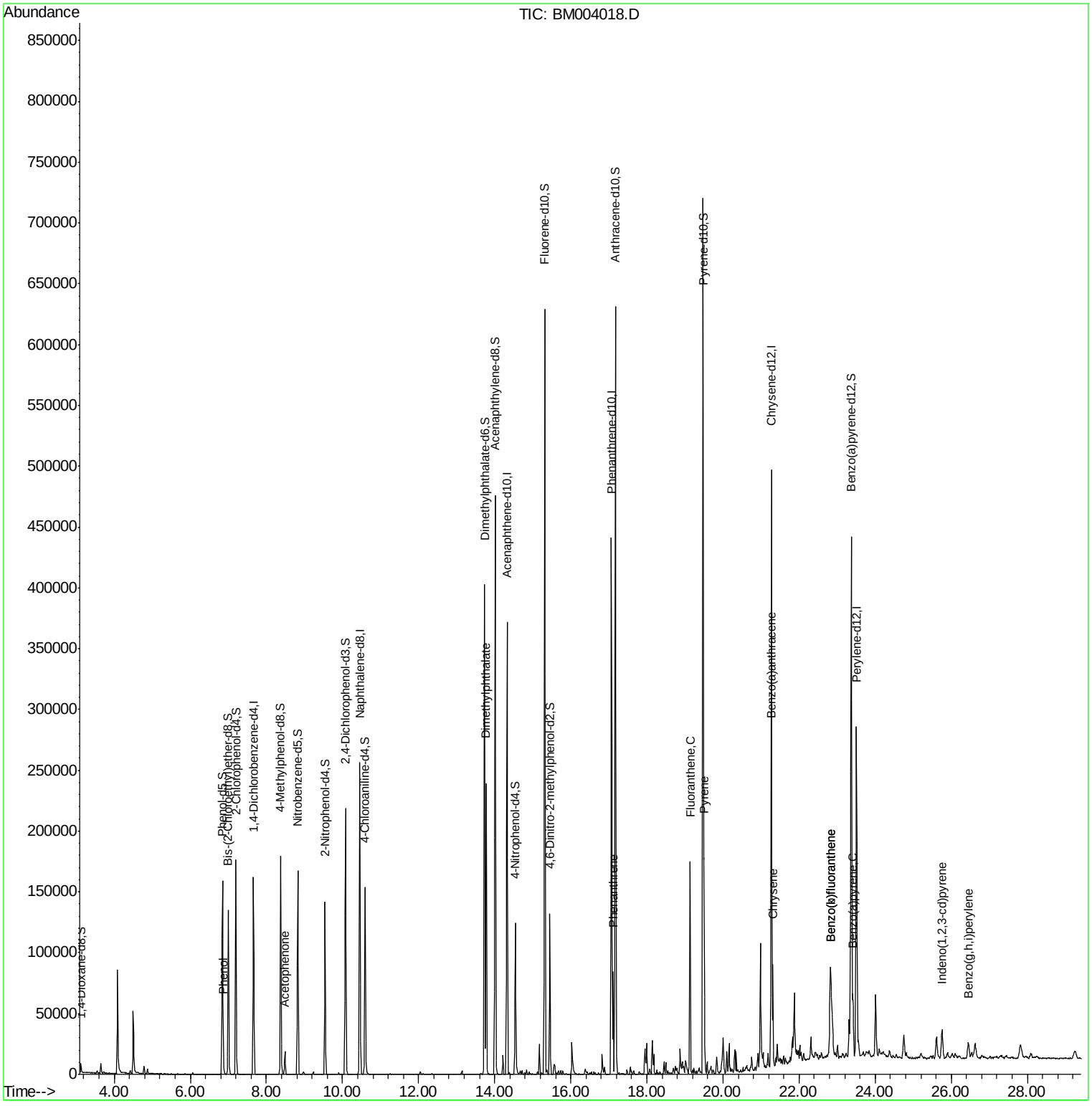
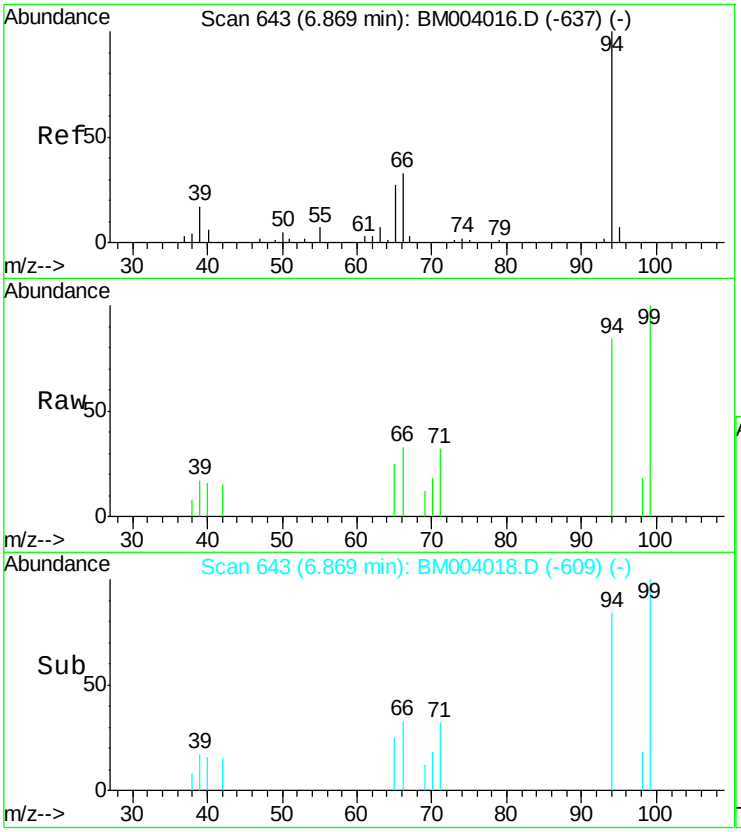
BC994

Quant Time: Jan 15 00:31:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration



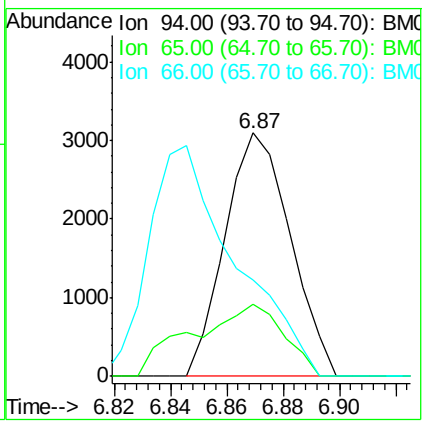


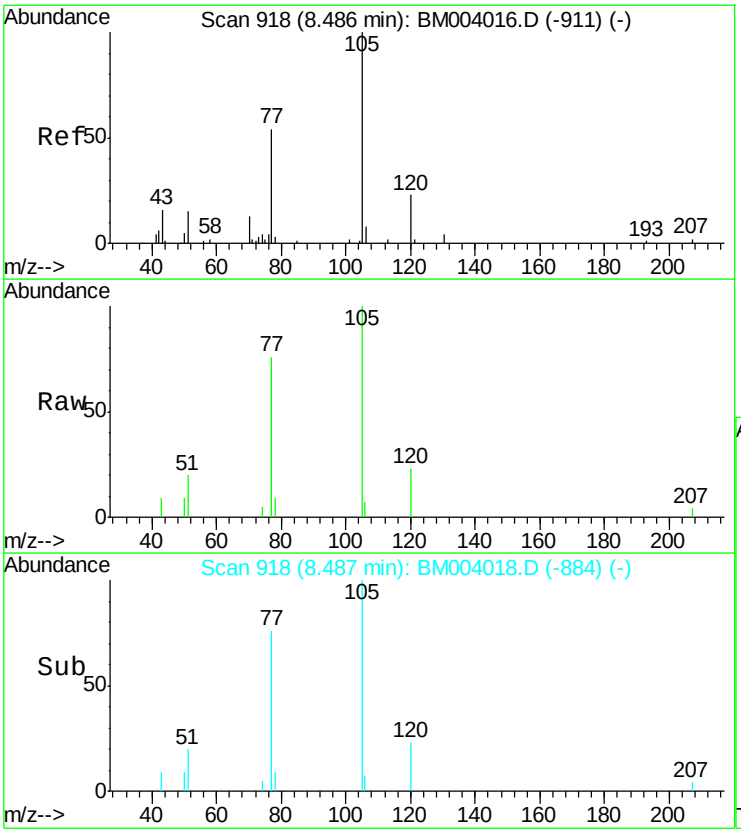
#6
Phenol
Concen: 1.27 ng/ul
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion: 94 Resp: 4972

Ion	Ratio	Lower	Upper
94	100		
65	29.7	21.0	31.6
66	39.7	29.3	43.9

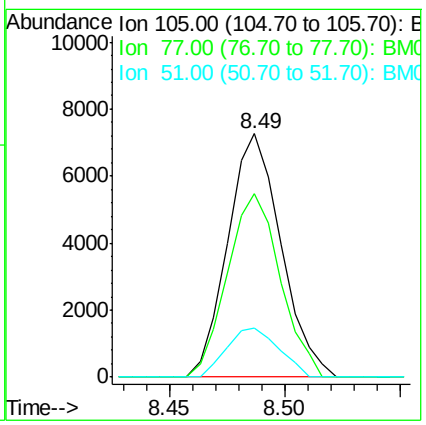


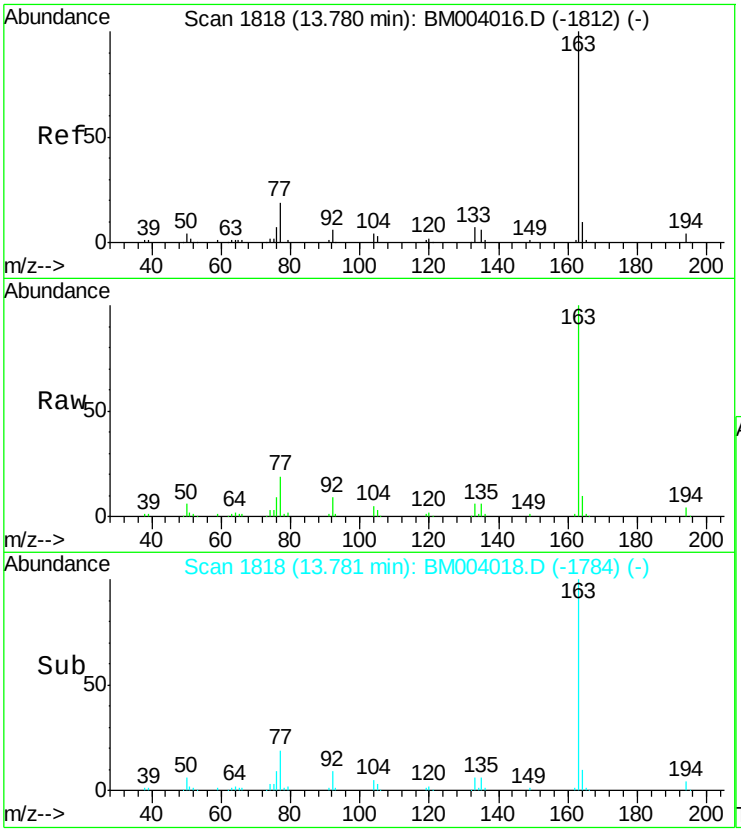


#14
Acetophenone
Concen: 2.49 ng/ul
RT: 8.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Tgt Ion:105 Resp: 11667

Ion	Ratio	Lower	Upper
105	100		
77	75.6	59.0	88.4
51	19.9	16.4	24.6



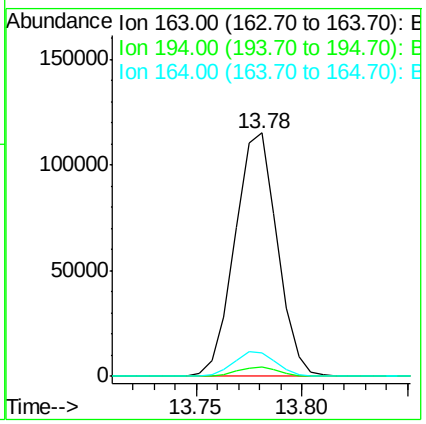


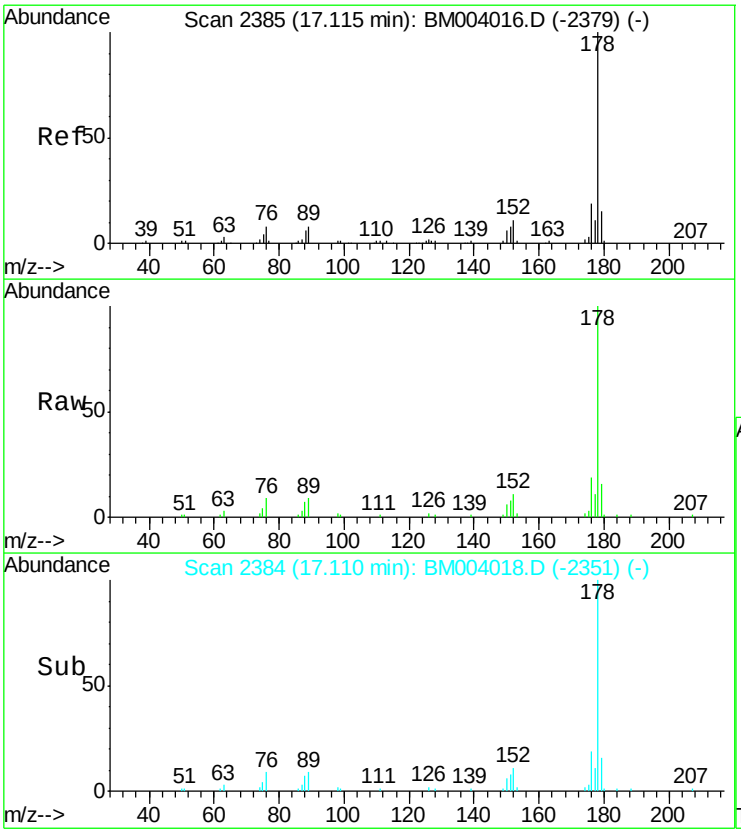
#45
Dimethylphthalate
Concen: 16.23 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion:163 Resp: 160210

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.6	7.8	11.8

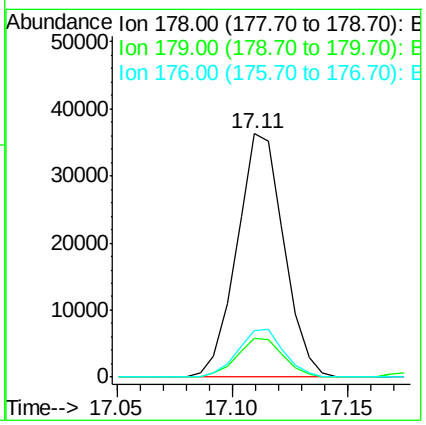


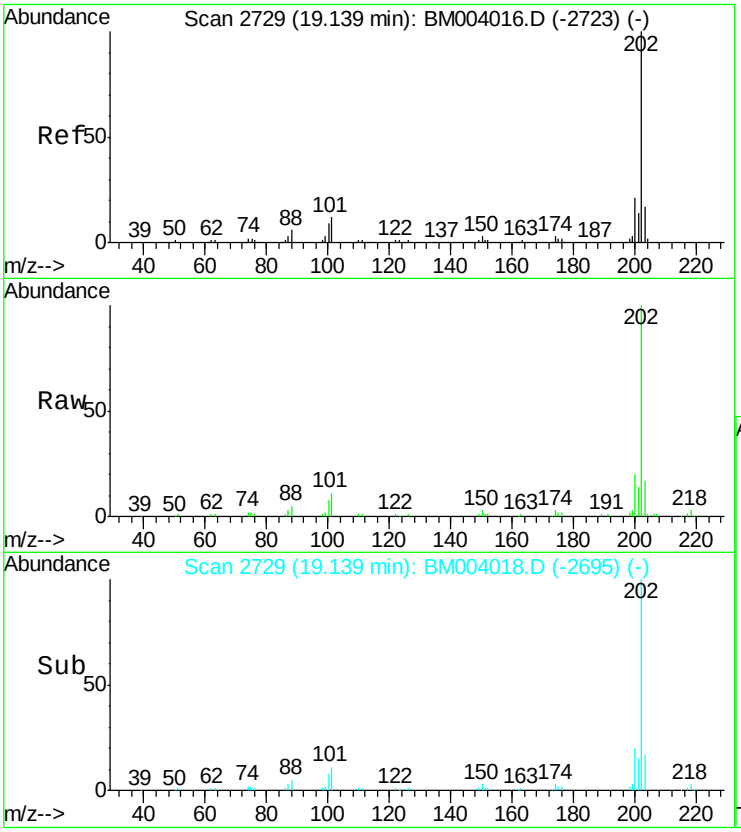


#70
Phenanthrene
Concen: 3.48 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Tgt Ion:178 Resp: 51464

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.3	15.6	23.4



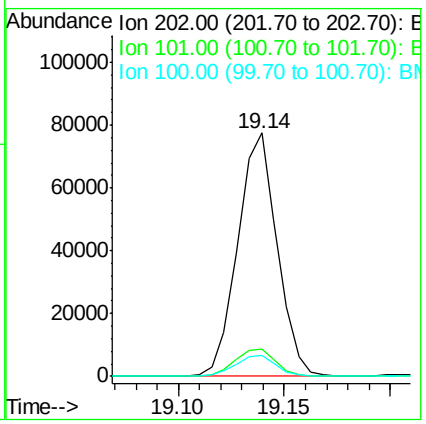


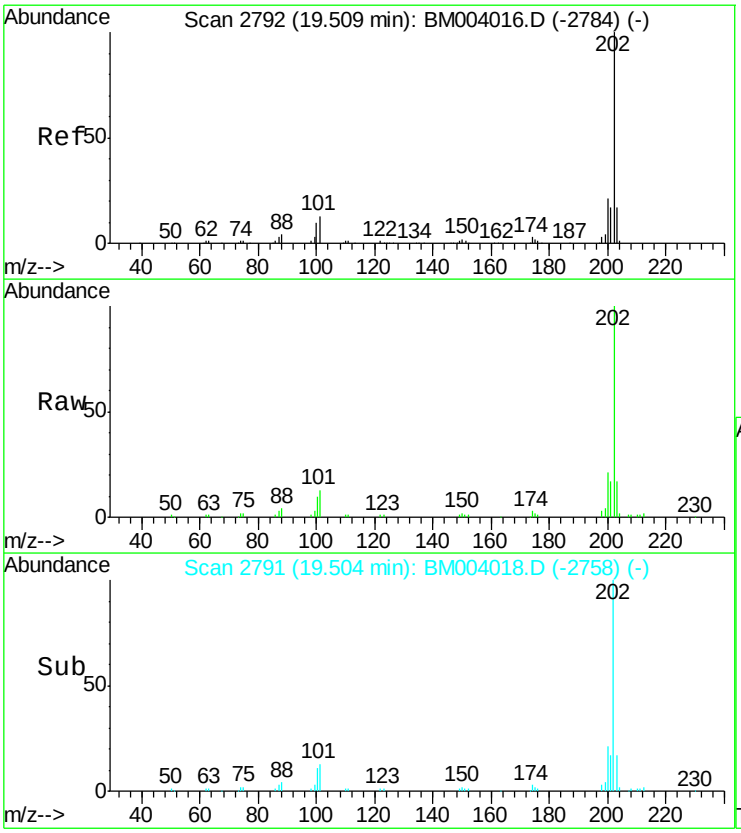
#77
Fluoranthene
Concen: 6.53 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion:202 Resp: 100184

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.8	13.2
100	8.4	6.6	9.8

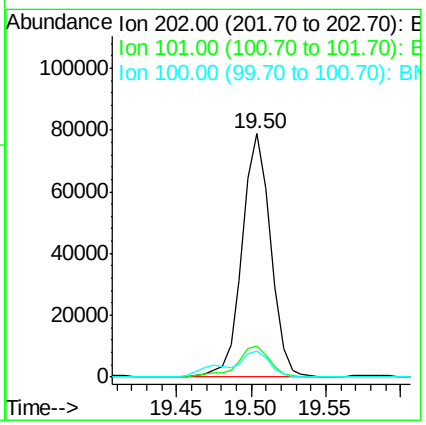


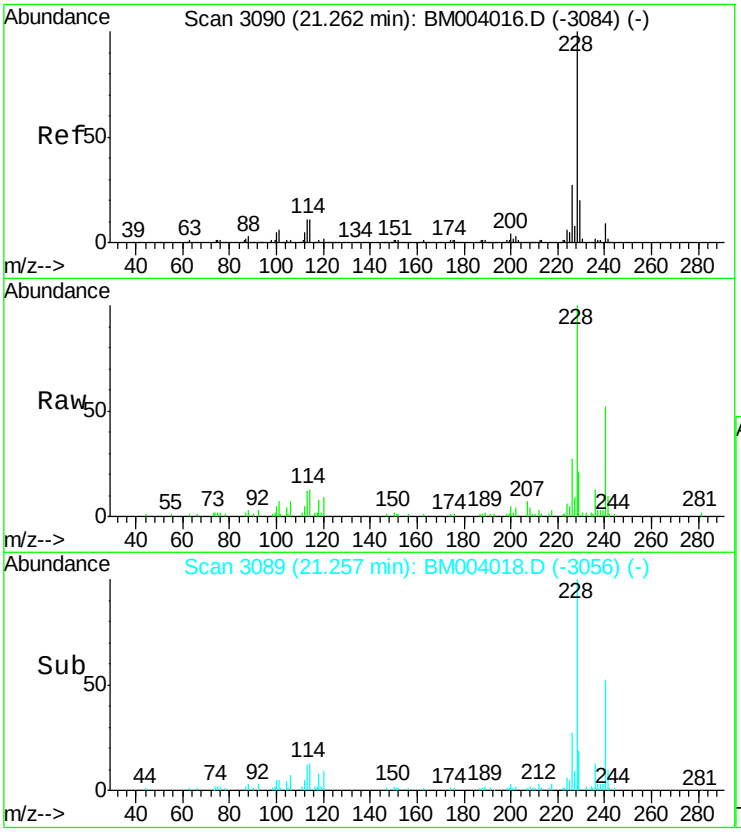


#80
Pyrene
Concen: 7.39 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Tgt Ion:202 Resp: 104304

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	10.5	8.5	12.7



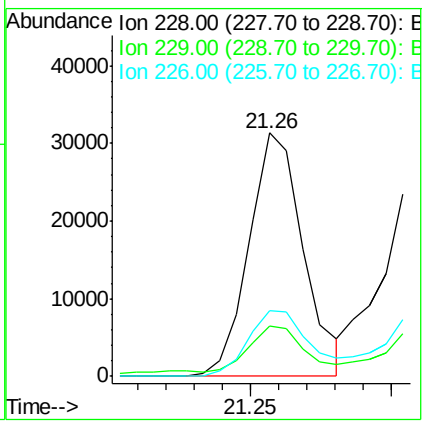


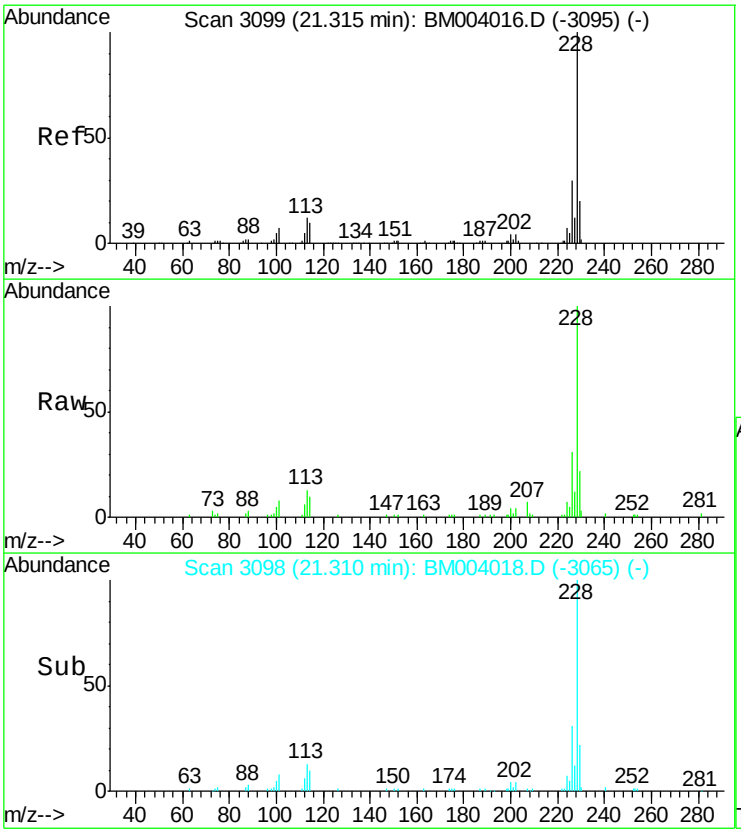
#83
Benzo(a)anthracene
Concen: 3.38 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion:228 Resp: 41926

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.1	21.8	32.6

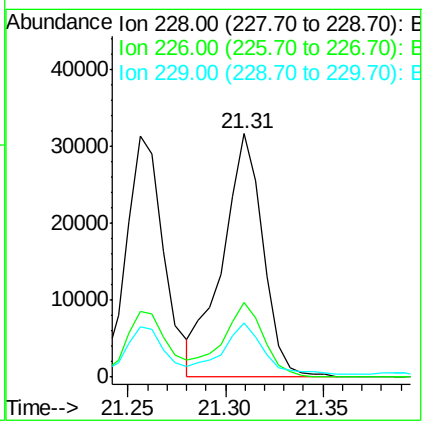


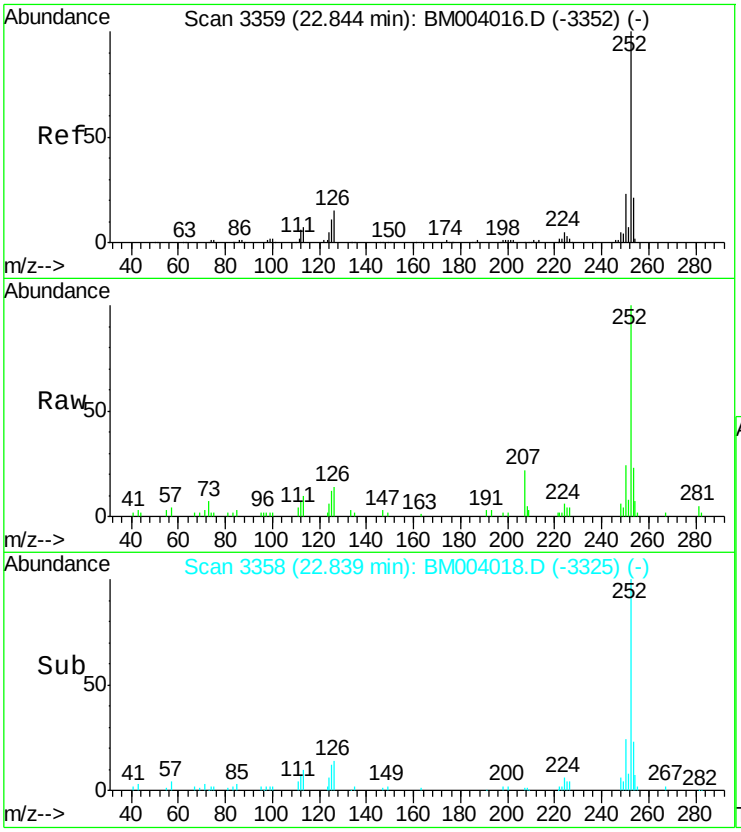


#85
Chrysene
Concen: 3.89 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Tgt Ion:228 Resp: 45820

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.2	15.6	23.4



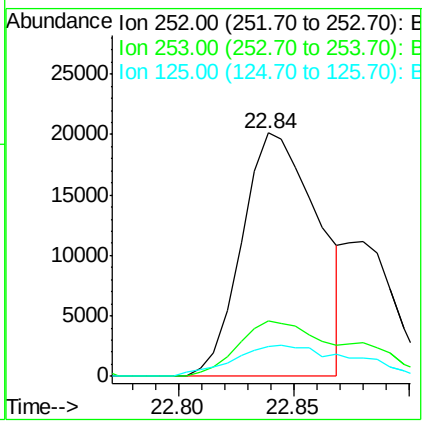


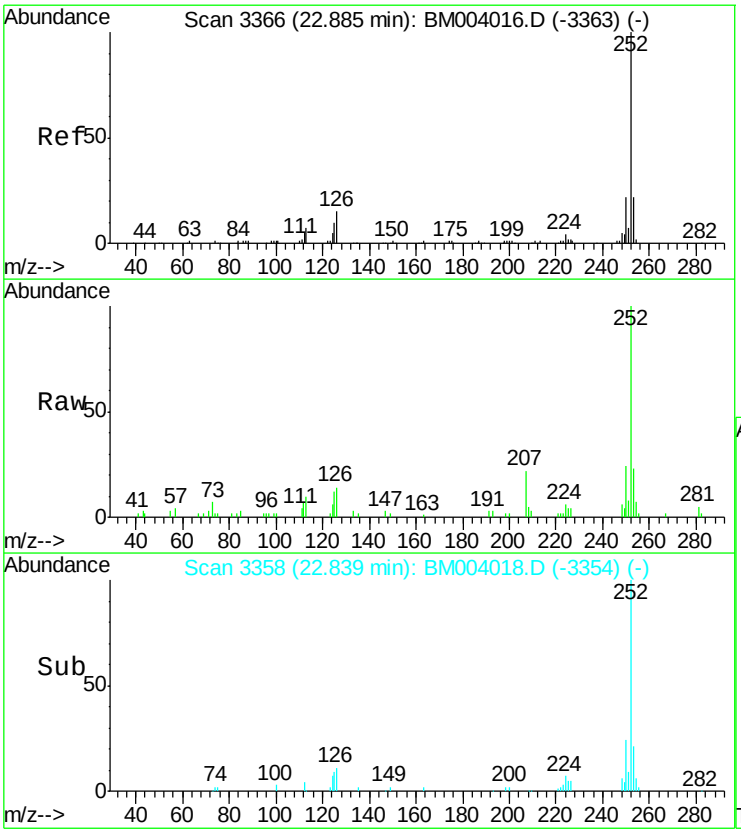
#88
Benzo(b)fluoranthene
Concen: 4.01 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion:252 Resp: 46244

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.2	8.5	12.7

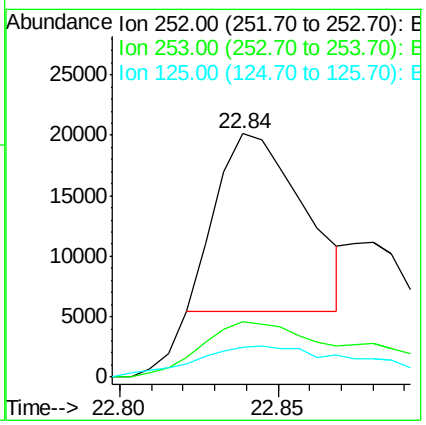


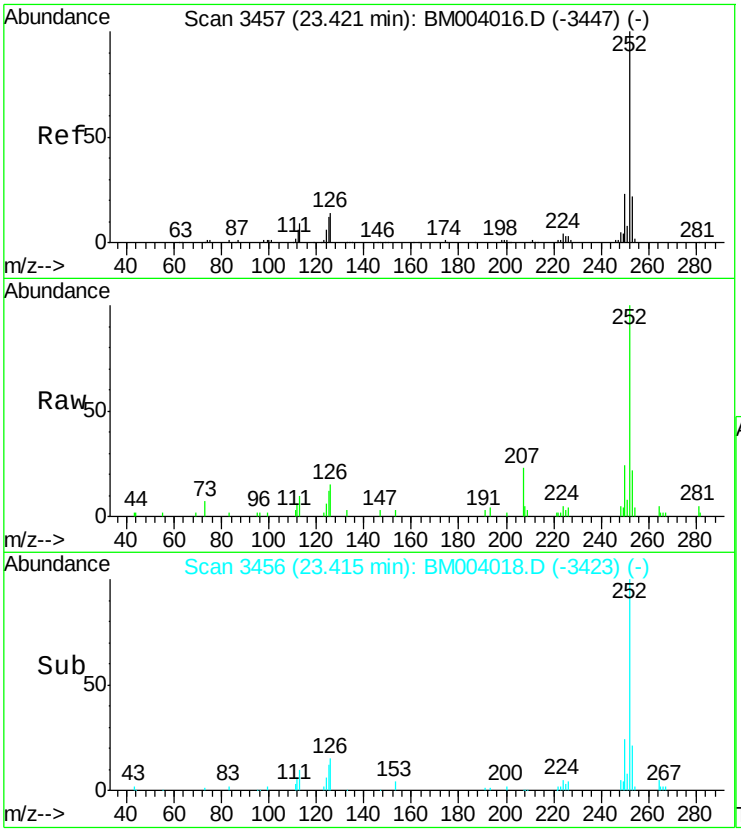


#89
Benzo(k)fluoranthene
Concen: 2.56 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. -0.05 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Tgt Ion:252 Resp: 28041

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.2	8.2	12.2



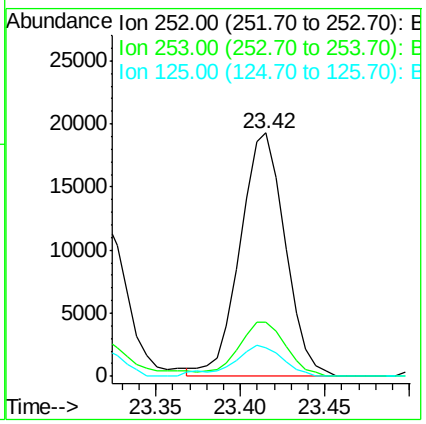


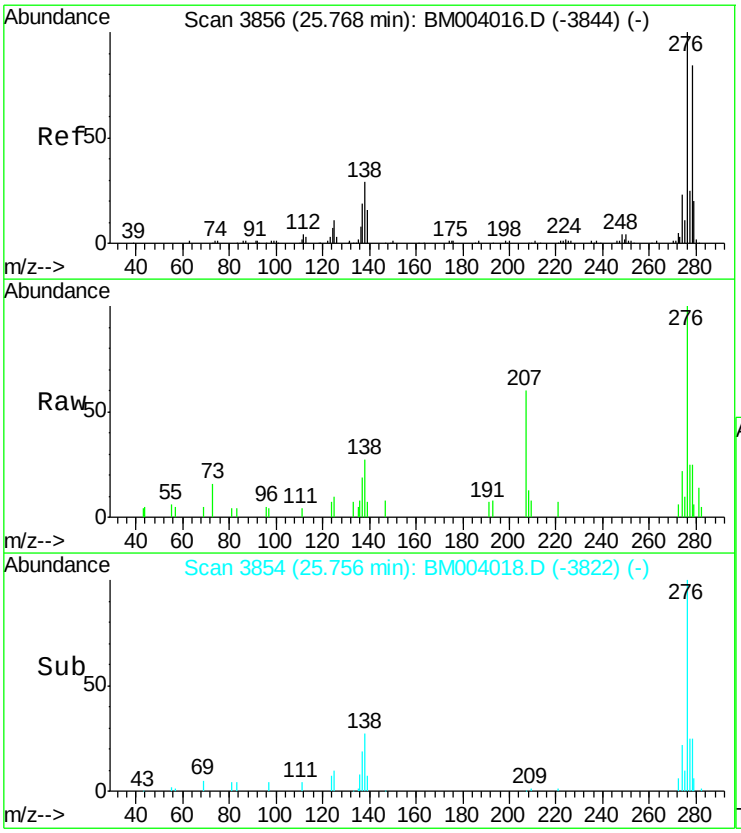
#91
Benzo(a)pyrene
Concen: 3.28 ng/ul
RT: 23.42 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion:252 Resp: 35882

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.5	9.0	13.6

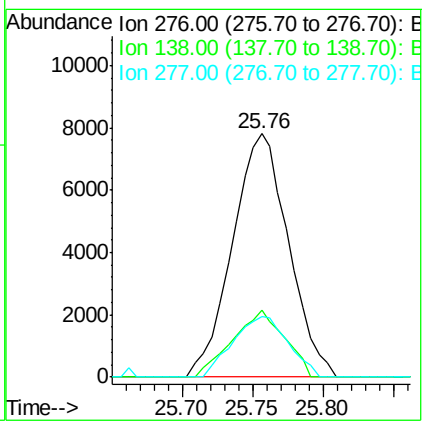


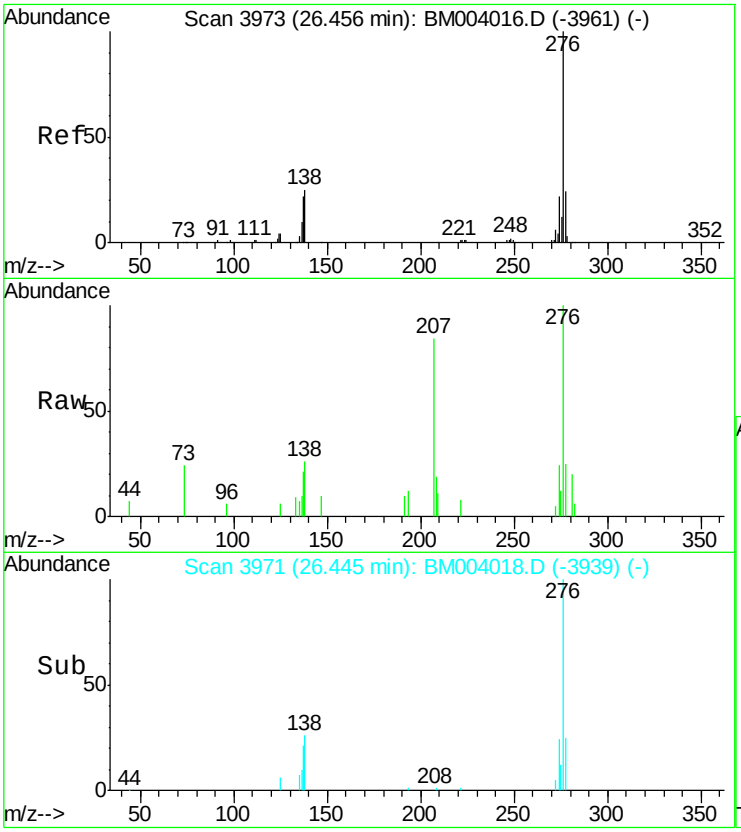


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Tgt Ion:276 Resp: 21659

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.3	33.5
277	24.9	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.76 ng/ul
RT: 26.44 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM004018.D
Acq: 14 Jan 2016 18:32

Instrument :
BNA_M
ClientSampleId :
BC994

Tgt Ion:276 Resp: 17851

Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.9	28.3
277	25.2	19.2	28.8