Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022416\
Data File : BM004396.D
Acq On : 24 Feb 2016 21:48
Operator : SJ/UM
Sample : H1515-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S30-0312

Quant Time: Feb 25 02:16:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 25 02:09:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	25497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	126943	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	79400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	185621	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	194622	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	143638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1003	2.07	ng/uL	0.00
5) Phenol-d5	6.82	99	28381	13.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	15741	14.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	26352	14.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	22994	12.04	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	13471	13.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	14907	13.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	26645	13.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	31138	12.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	99370	14.59	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	124625	15.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	6383	5.83	ng/ul	0.02
58) Fluorene-d10	15.29	176	91015	15.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	4207	3.69	ng/ul	0.01
71) Anthracene-d10	17.14	188	144354	15.87	ng/ul	0.00
79) Pyrene-d10	19.44	212	166565	17.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	123867	16.43	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.74	163	33405	4.70	ng/ul	100
70) Phenanthrene	17.08	178	27980	2.51	ng/ul	99
77) Fluoranthene	19.11	202	86046	6.81	ng/ul	99
80) Pyrene	19.47	202	78008	6.13	ng/ul	99
83) Benzo(a)anthracene	21.23	228	44792	3.58	ng/ul	99
85) Chrysene	21.29	228	39881	3.31	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	50598	5.21	ng/ul	98
89) Benzo(k)fluoranthene	22.81	252	50598	5.53	ng/ul	97
91) Benzo(a)pyrene	23.38	252	36283	4.02	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.71	276	22997	2.73	ng/ul	96
94) Benzo(g,h,i)perylene	26.40	276	17730	2.56	ng/ul	97

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

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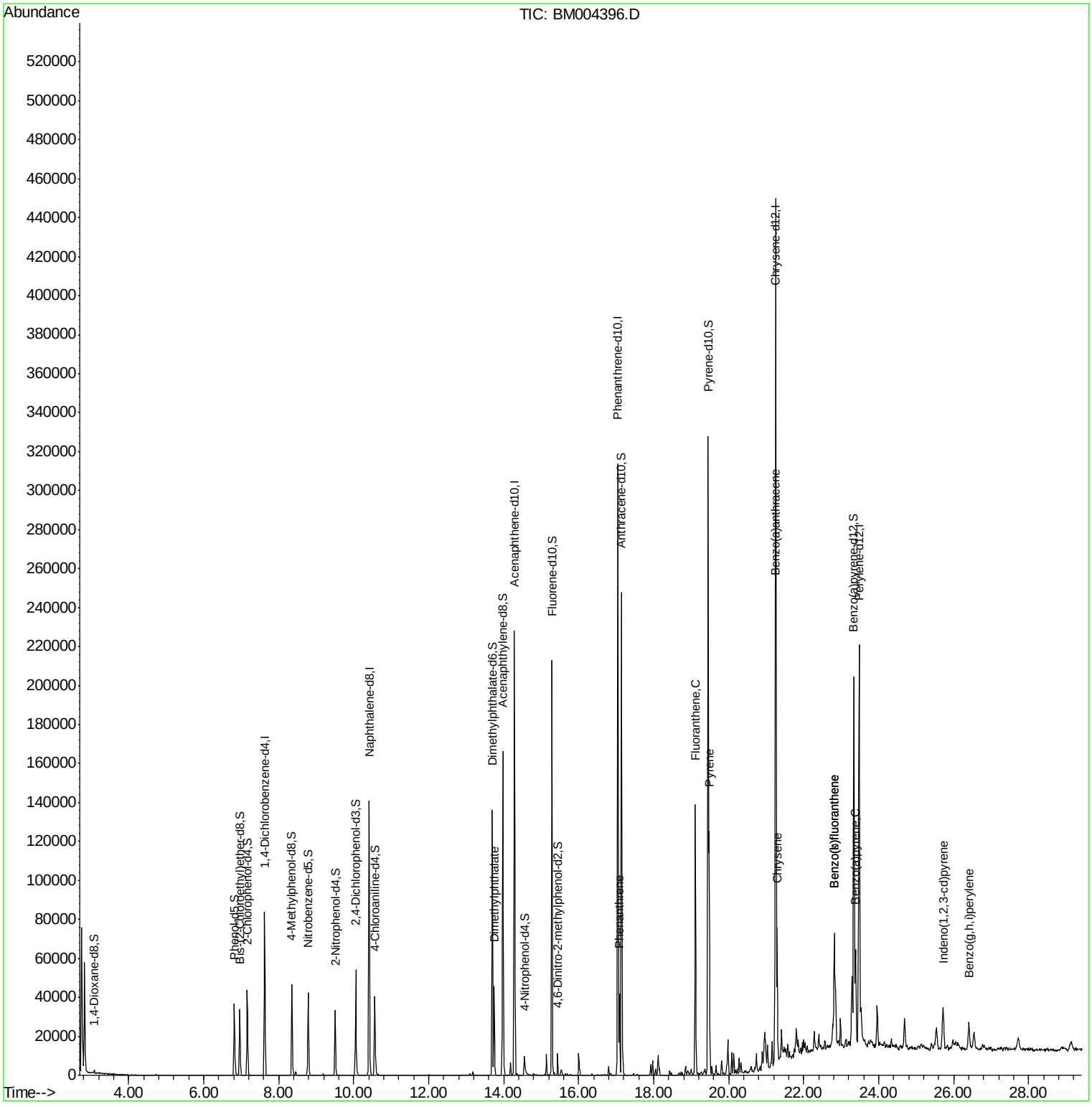
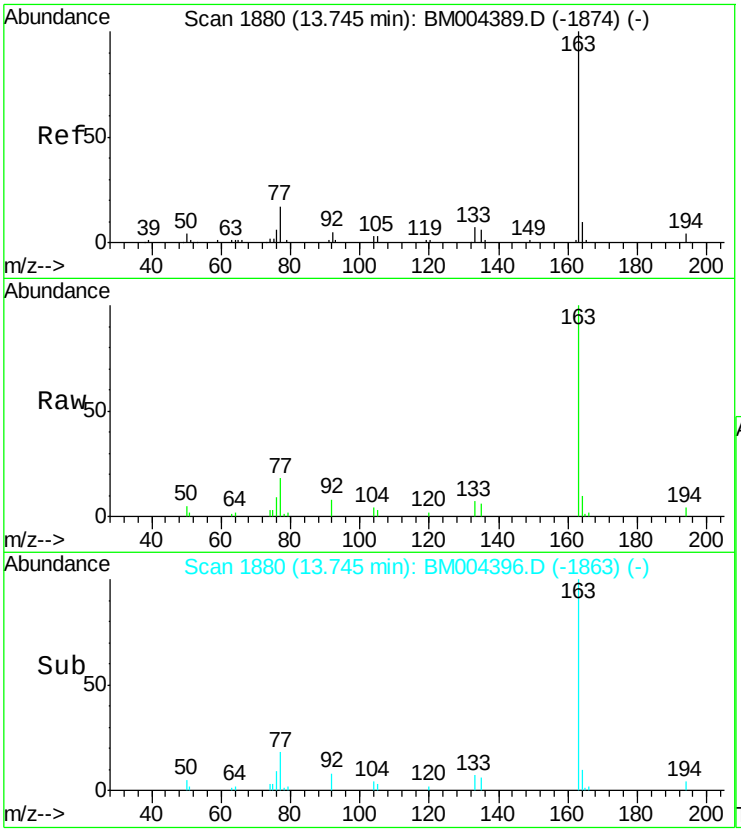


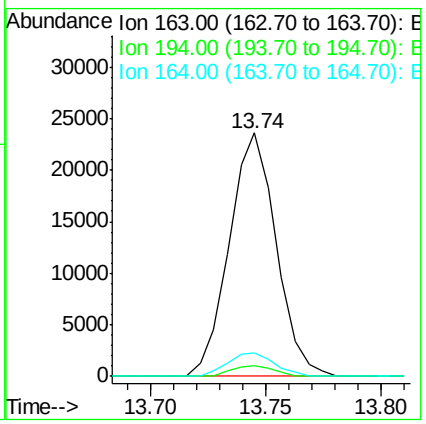


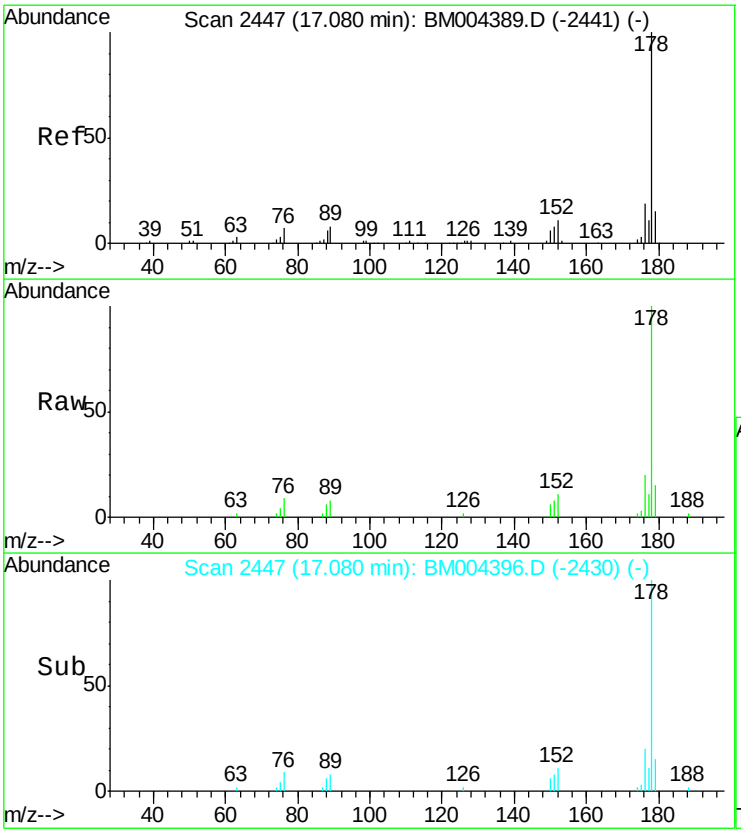
#45
Dimethylphthalate
Concen: 4.70 ng/ul
RT: 13.74 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Instrument :
BNA_M
ClientSampleId :
0311-S30-0312

Tgt Ion:163 Resp: 33405

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.7	7.8	11.8

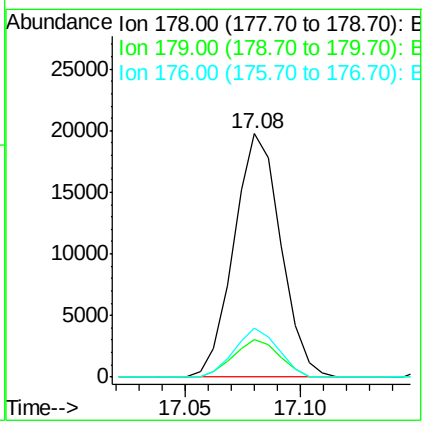


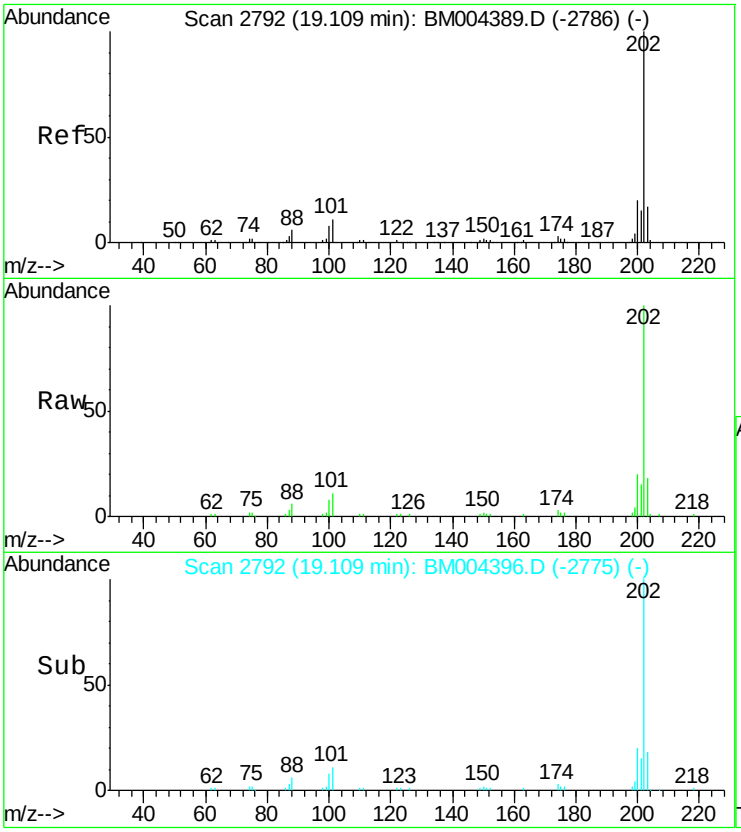


#70
Phenanthrene
Concen: 2.51 ng/ul
RT: 17.08 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Tgt Ion:178 Resp: 27980

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	20.0	15.6	23.4



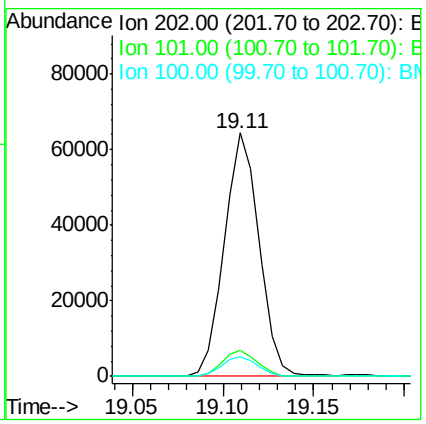


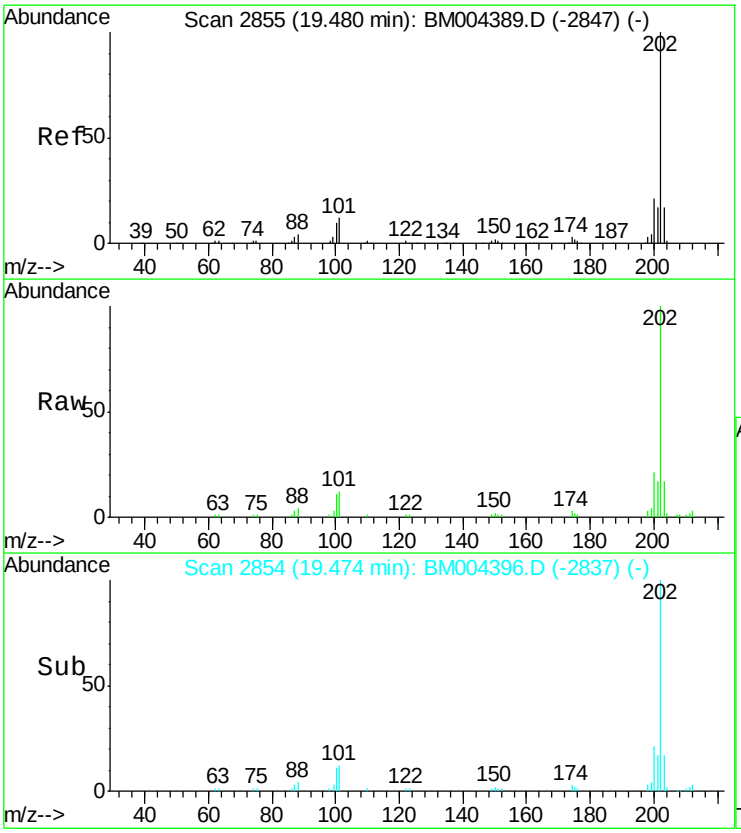
#77
Fluoranthene
Concen: 6.81 ng/ul
RT: 19.11 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Instrument :
BNA_M
ClientSampleId :
0311-S30-0312

Tgt Ion:202 Resp: 86046

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.8	13.2
100	8.3	6.6	9.8

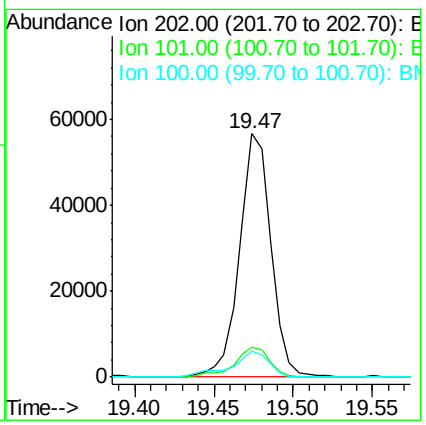


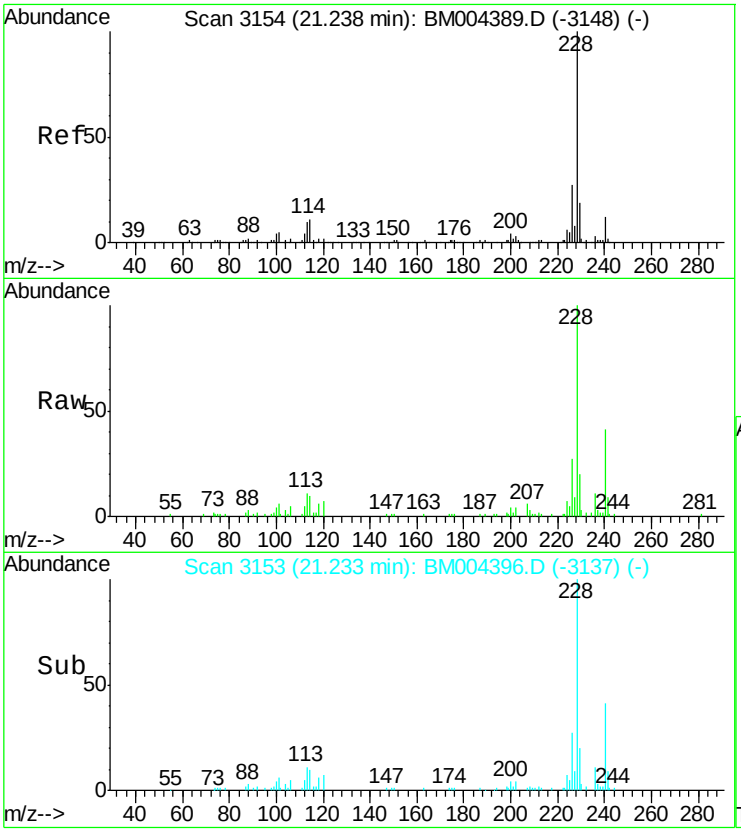


#80
Pyrene
Concen: 6.13 ng/ul
RT: 19.47 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Tgt Ion:202 Resp: 78008

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.2
100	10.7	8.5	12.7



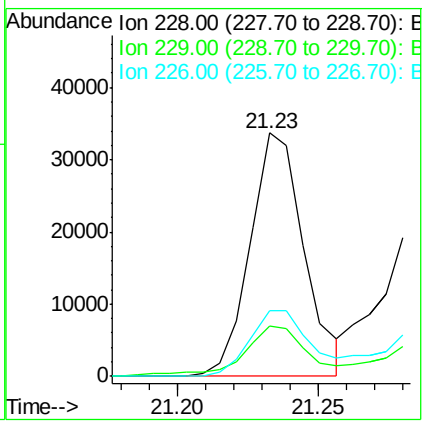


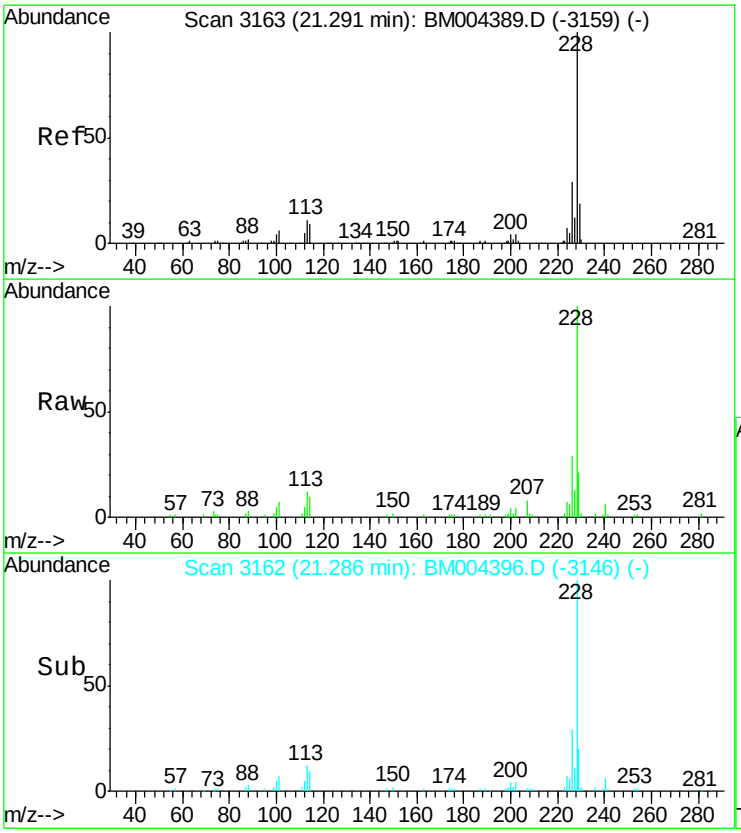
#83
Benzo(a)anthracene
Concen: 3.58 ng/ul
RT: 21.23 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Instrument :
BNA_M
ClientSampleId :
0311-S30-0312

Tgt Ion:228 Resp: 44792

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	27.0	21.8	32.6

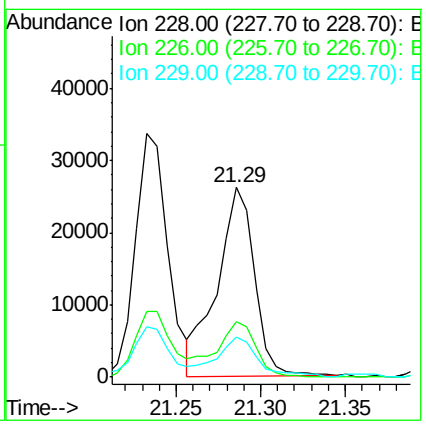




#85
Chrysene
Concen: 3.31 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Tgt Ion:228 Resp: 39881

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	21.2	15.6	23.4



#88
Benzo(b)fluoranthene
Concen: 5.21 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM004396.D
Acq: 24 Feb 2016 21:48

Instrument :
BNA_M
ClientSampleId :
0311-S30-0312

Ref

Tgt Ion:252 Resp: 50598

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.0	8.5	12.7

Raw

Sub