Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006536.D
Acq On : 19 Jul 2016 23:25
Operator : UM/SJ
Sample : H4029-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJB0

Quant Time: Jul 20 05:13:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	177637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	750007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	428666	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	979204	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1180468	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1250775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	7794	1.85	ng/uL	0.00
5) Phenol-d5	6.79	99	294935	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	185369	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	233306	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	230097	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	107760	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	115534	17.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	206973	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	299816	23.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	645141	18.39	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	807912	18.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	77546	12.72	ng/ul	0.00
57) Fluorene-d10	15.26	176	568902	18.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	59447	10.49	ng/ul	0.00
70) Anthracene-d10	17.11	188	870310	18.80	ng/ul	0.00
76) Pyrene-d10	19.42	212	1007446	18.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1109391	19.40	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.72	163	239026	6.72	ng/ul	98
74) Fluoranthene	19.08	202	114935	1.84	ng/ul	97
77) Pyrene	19.44	202	108119	1.53	ng/ul	98
80) Benzo(a)anthracene	21.20	228	79884	1.11	ng/ul	99
82) Chrysene	21.25	228	68889	1.02	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	100360	1.34	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	79310	1.11	ng/ul#	97

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

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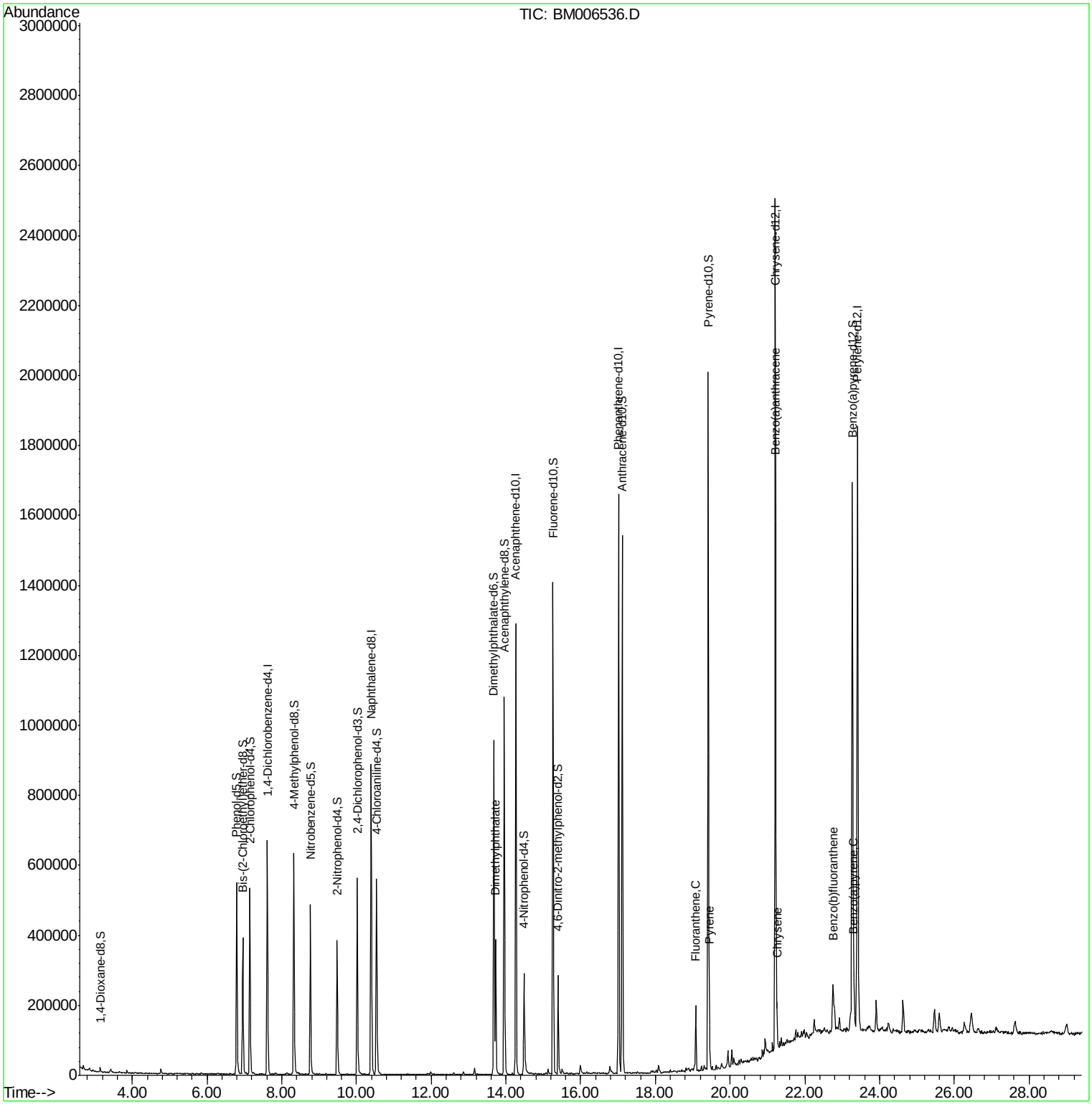
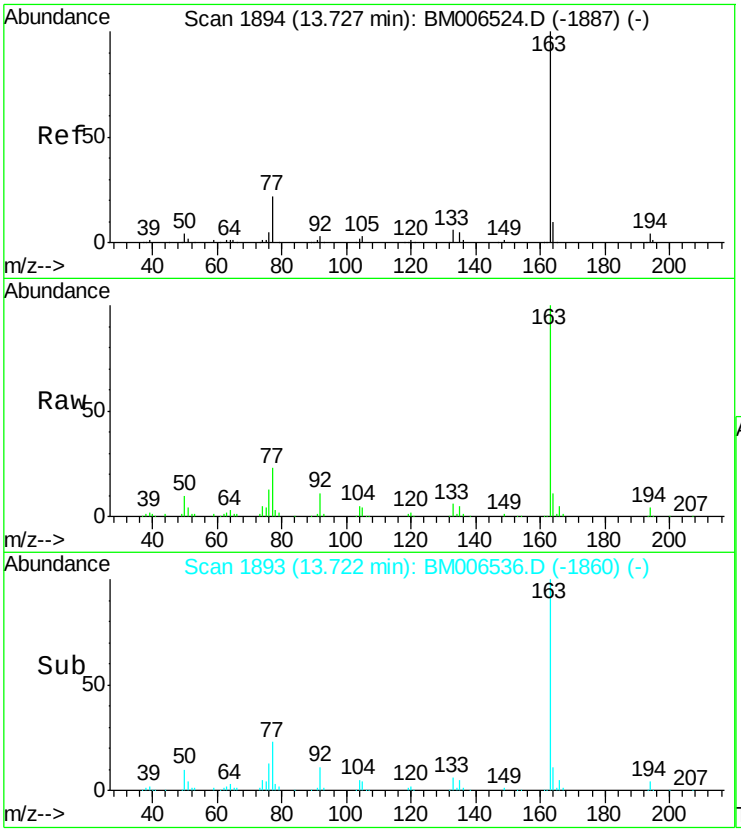


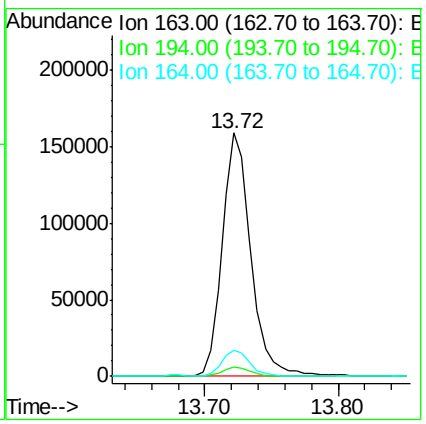


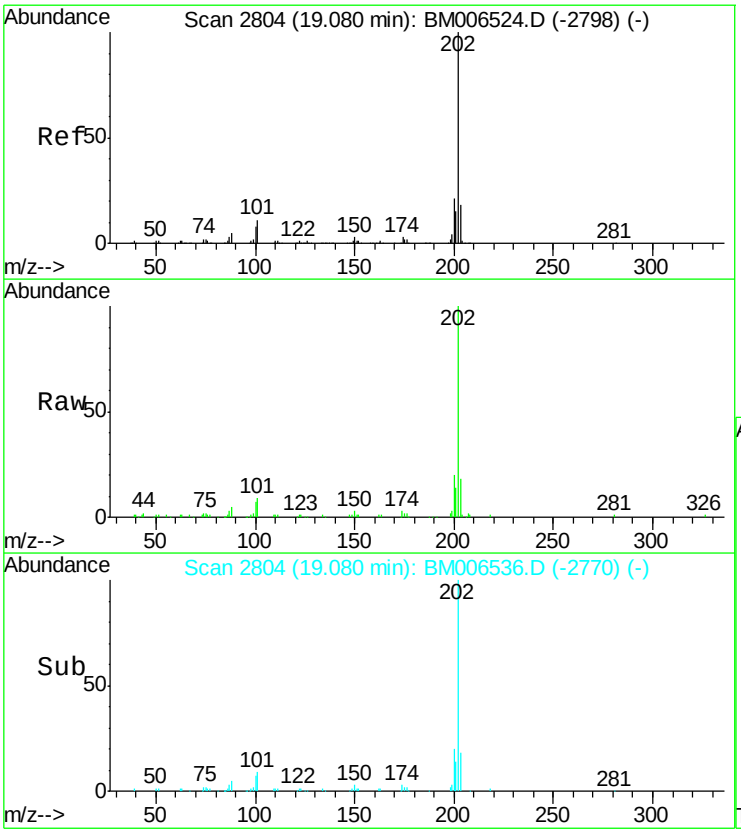
#44
Dimethylphthalate
Concen: 6.72 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Instrument :
BNA_M
ClientSampleId :
BDJB0

Tgt Ion:163 Resp: 239026

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.6	7.8	11.8

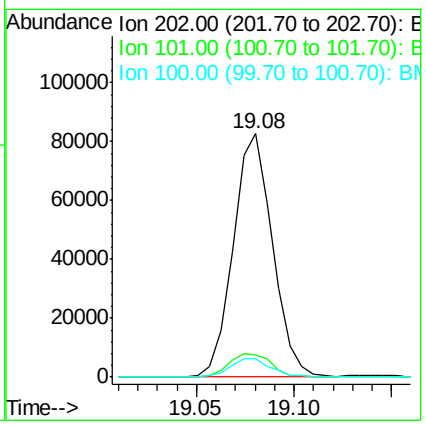


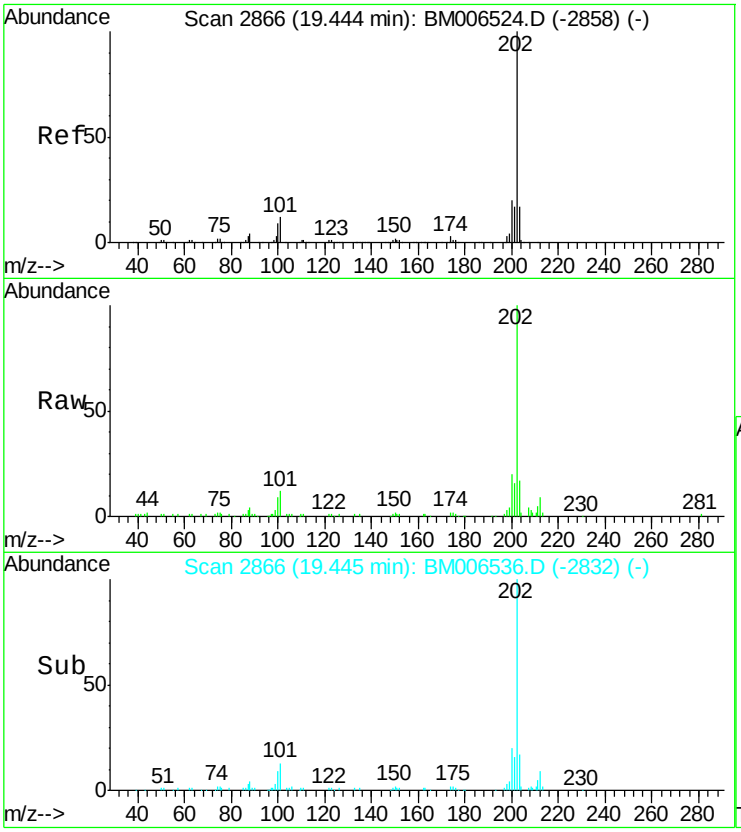


#74
Fluoranthene
Concen: 1.84 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Tgt Ion:202 Resp: 114935

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.6	12.8
100	7.4	6.4	9.6



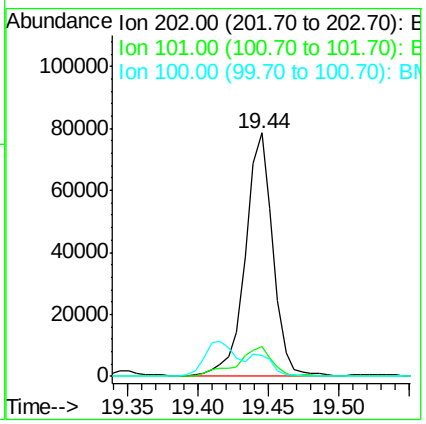


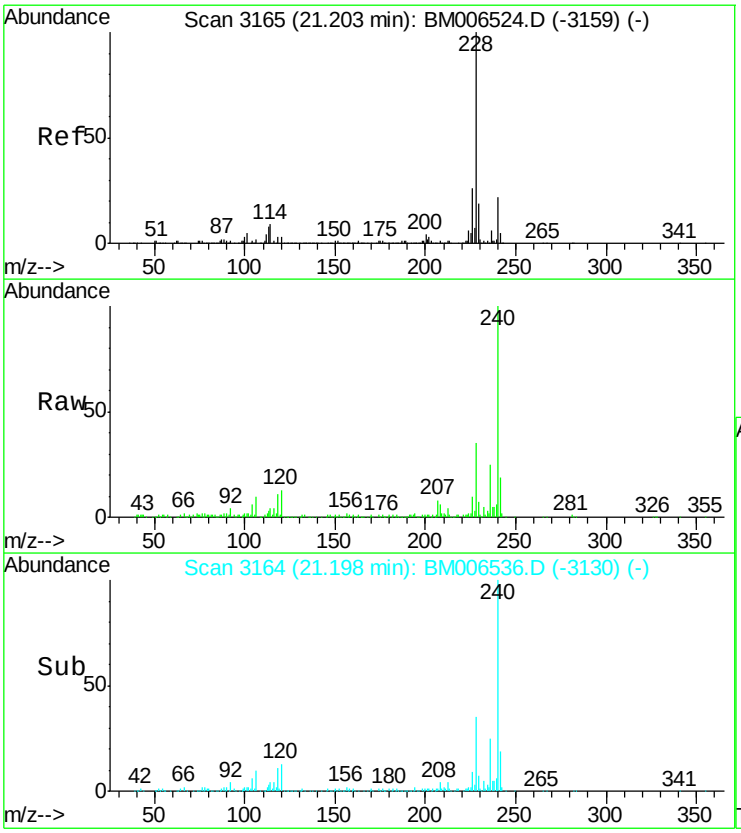
#77
Pyrene
Concen: 1.53 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Instrument :
BNA_M
ClientSampleId :
BDJB0

Tgt Ion:202 Resp: 108119

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	8.7	7.9	11.9

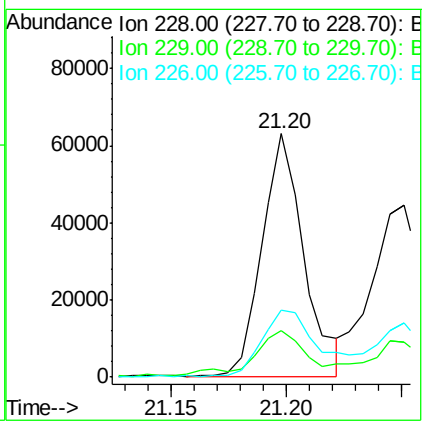


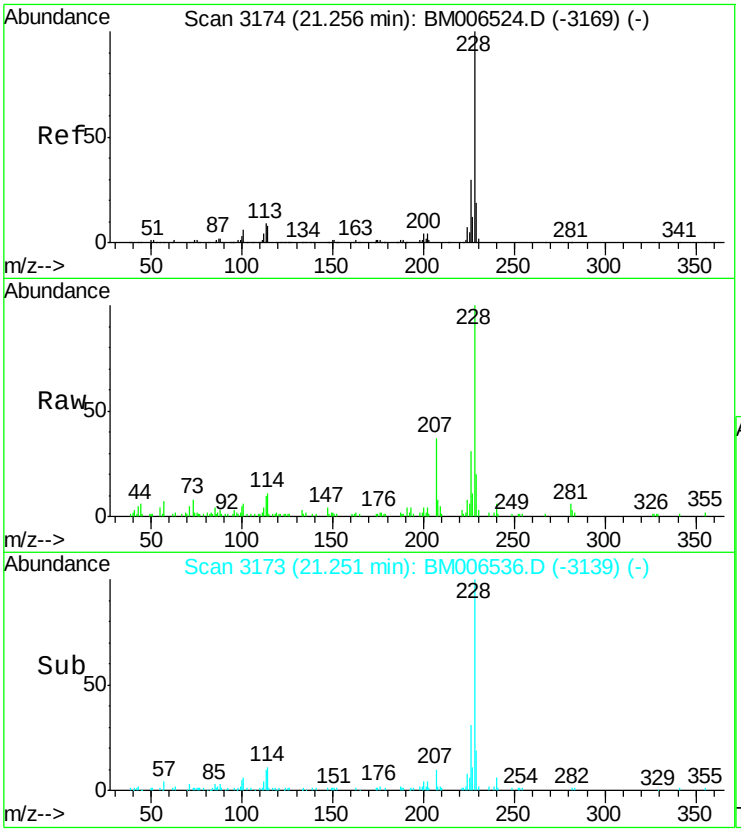


#80
Benzo(a)anthracene
Concen: 1.11 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Tgt Ion:228 Resp: 79884

Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.6	23.4
226	27.5	21.4	32.2



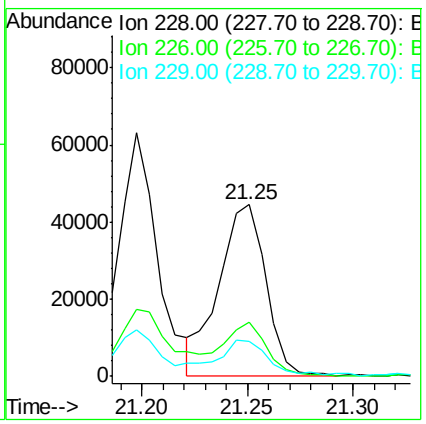


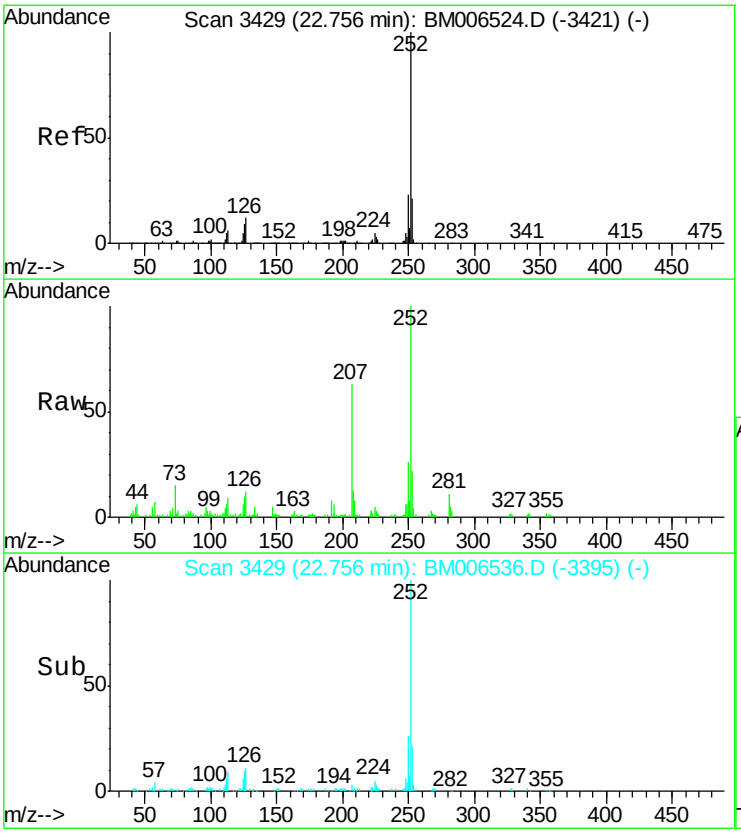
#82
Chrysene
Concen: 1.02 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Instrument :
BNA_M
ClientSampleId :
BDJB0

Tgt Ion:228 Resp: 68889

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.3	34.9
229	20.1	15.8	23.8

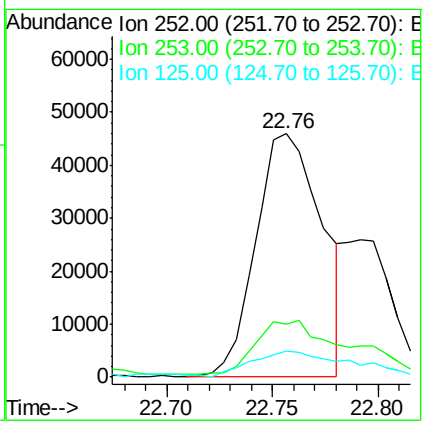


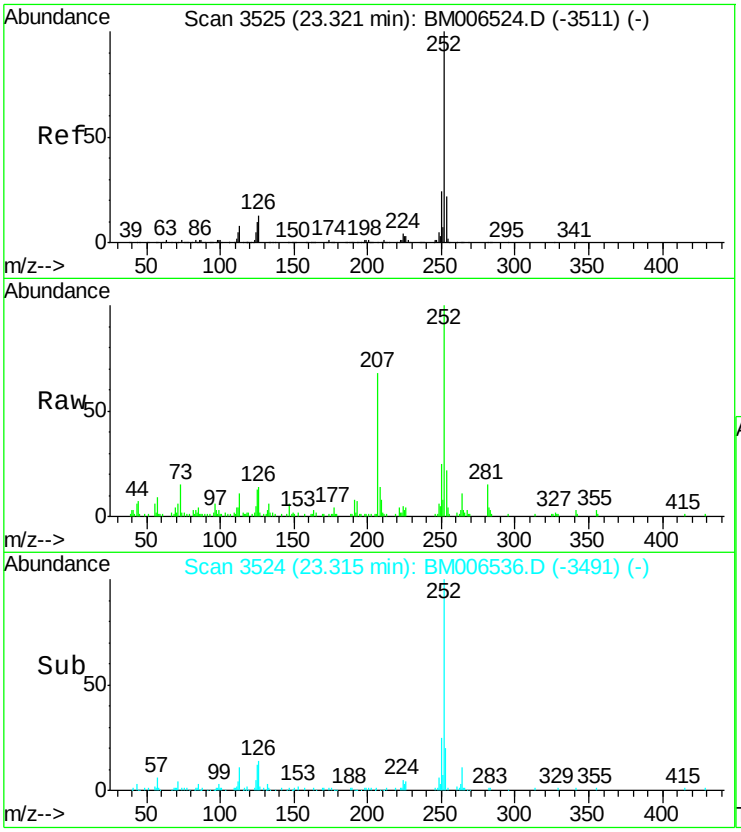


#85
Benzo(b)fluoranthene
Concen: 1.34 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Tgt Ion:252 Resp: 100360

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.4	6.7	10.1#





#88
Benzo(a)pyrene
Concen: 1.11 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006536.D
Acq: 19 Jul 2016 23:25

Instrument :
BNA_M
ClientSampleId :
BDJB0

Tgt Ion:252 Resp: 79310

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.0	7.6	11.4#