Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002108.D
Acq On : 29 Jul 2015 00:26
Operator : TP/UM
Sample : G3030-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02E8

Quant Time: Jul 29 06:39:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	59432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	230428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	135320	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	303858	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	369478	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	380696	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	5729	4.99	ng/uL	0.00
5) Phenol-d5	6.77	99	131412	30.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	61498	26.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	106777	29.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	106623	31.57	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	42632	26.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	49705	27.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	110252	31.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	130412	33.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	326245	32.92	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	328413	26.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47721	28.84	ng/ul	0.00
58) Fluorene-d10	15.26	176	237155	27.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	26894	14.47	ng/ul	0.00
71) Anthracene-d10	17.10	188	410350	30.25	ng/ul	0.00
79) Pyrene-d10	19.41	212	403108	25.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	468623	25.39	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.72	163	132732	13.41	ng/ul	100
77) Fluoranthene	19.07	202	36254	1.99	ng/ul	100
80) Pyrene	19.43	202	32243	1.60	ng/ul	98
83) Benzo(a)anthracene	21.19	228	22460	1.10	ng/ul	95
85) Chrysene	21.24	228	21040	1.10	ng/ul	99
88) Benzo(b)fluoranthene	22.74	252	33198	1.55	ng/ul#	93
91) Benzo(a)pyrene	23.31	252	22376	1.08	ng/ul	97

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

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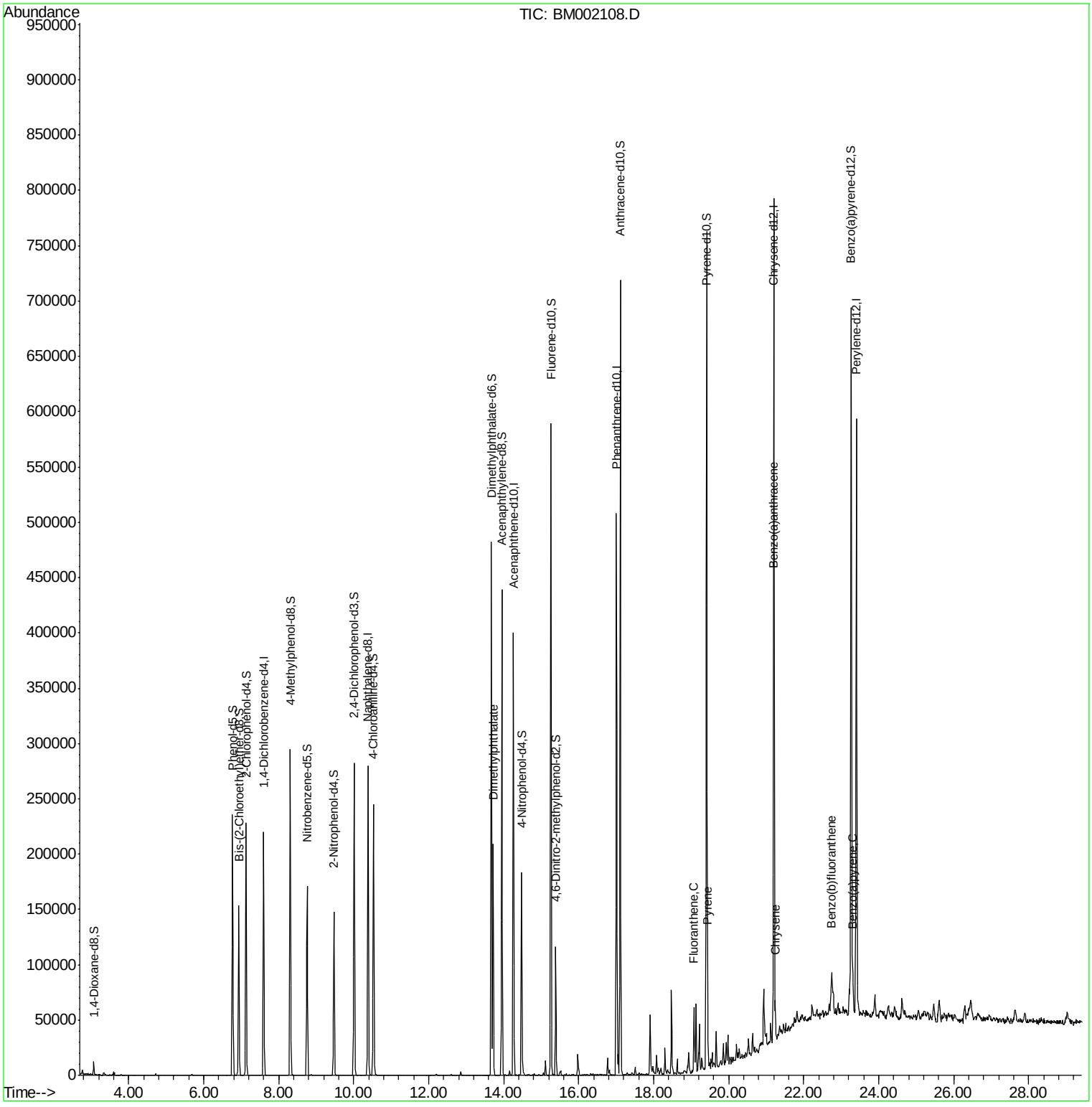
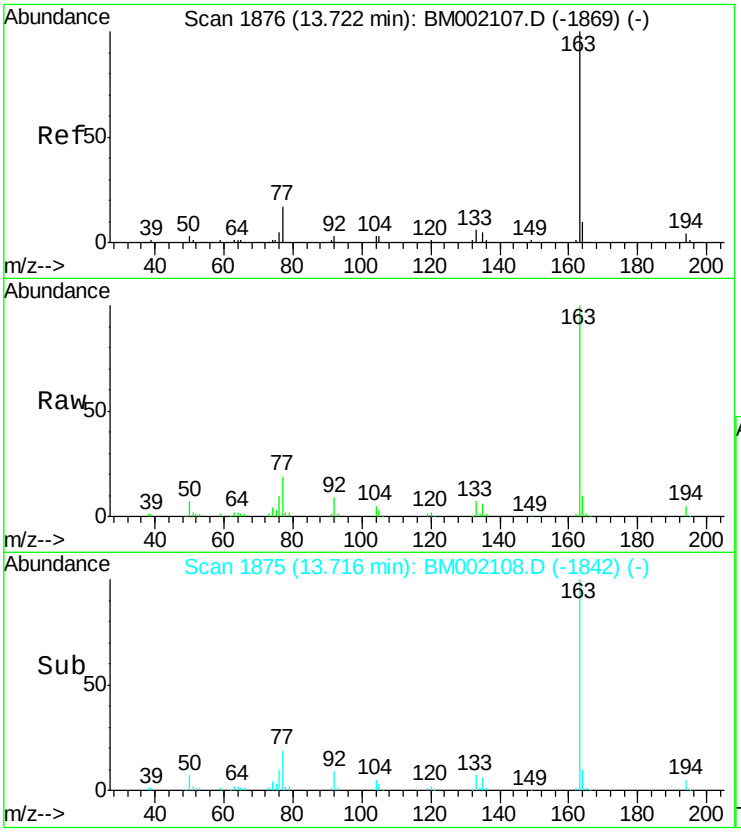


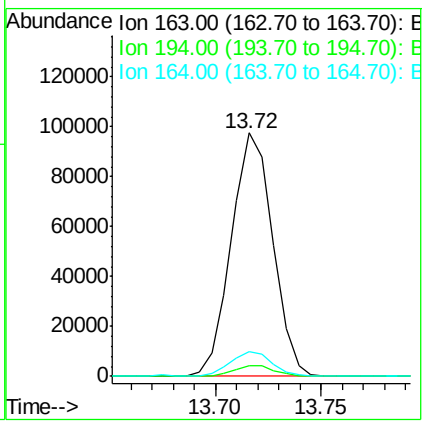


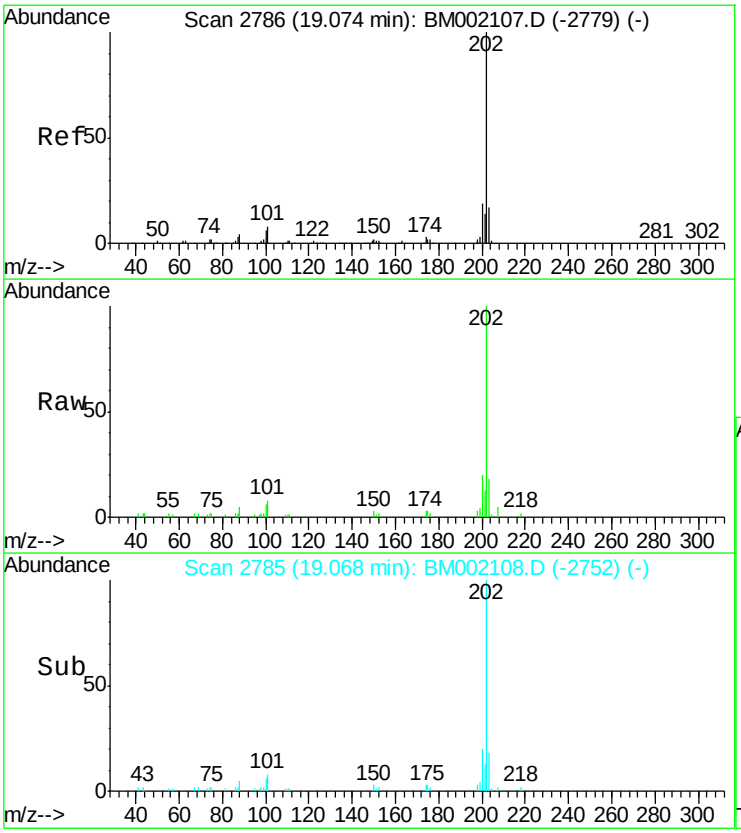
#45
Dimethylphthalate
Concen: 13.41 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Instrument :
BNA_M
ClientSampleId :
C02E8

Tgt Ion:163 Resp: 132732

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.0	8.0	12.0

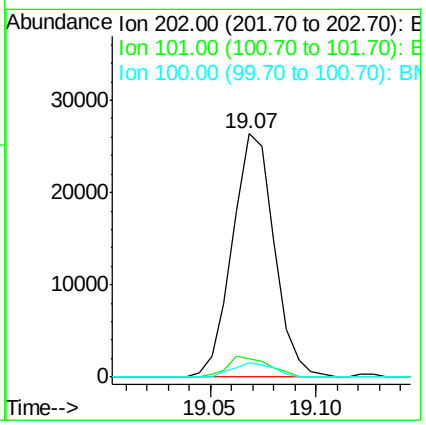


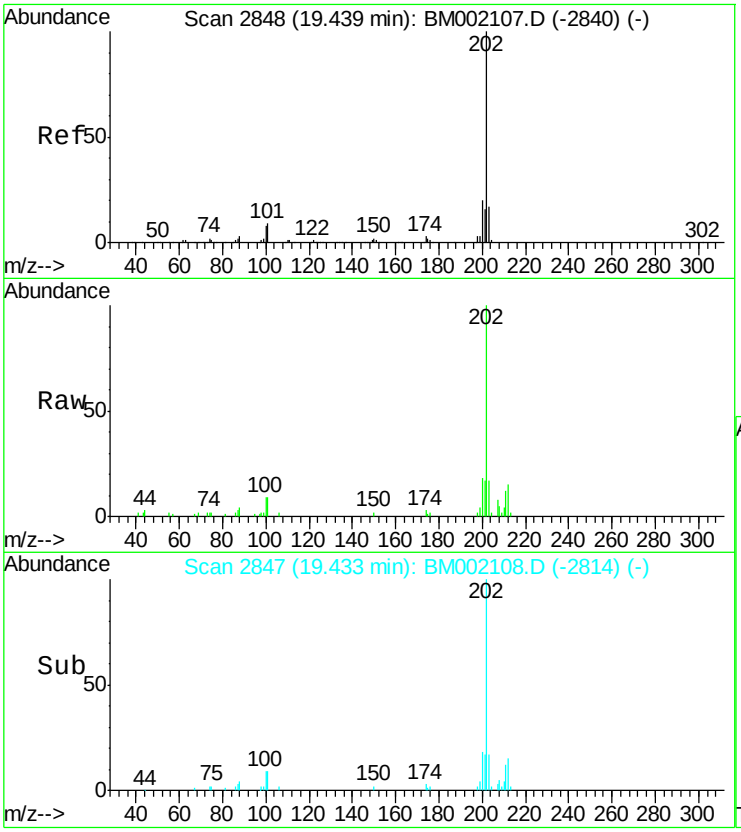


#77
Fluoranthene
Concen: 1.99 ng/ul
RT: 19.07 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Tgt Ion:202 Resp: 36254

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.4
100	6.2	5.2	7.8



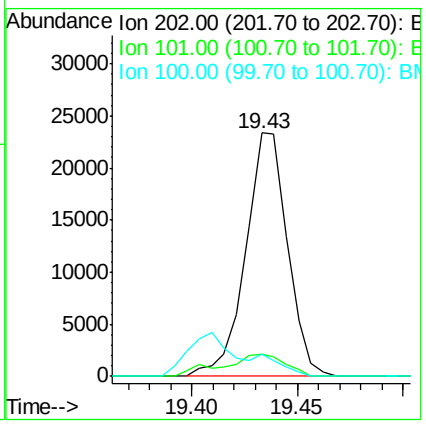


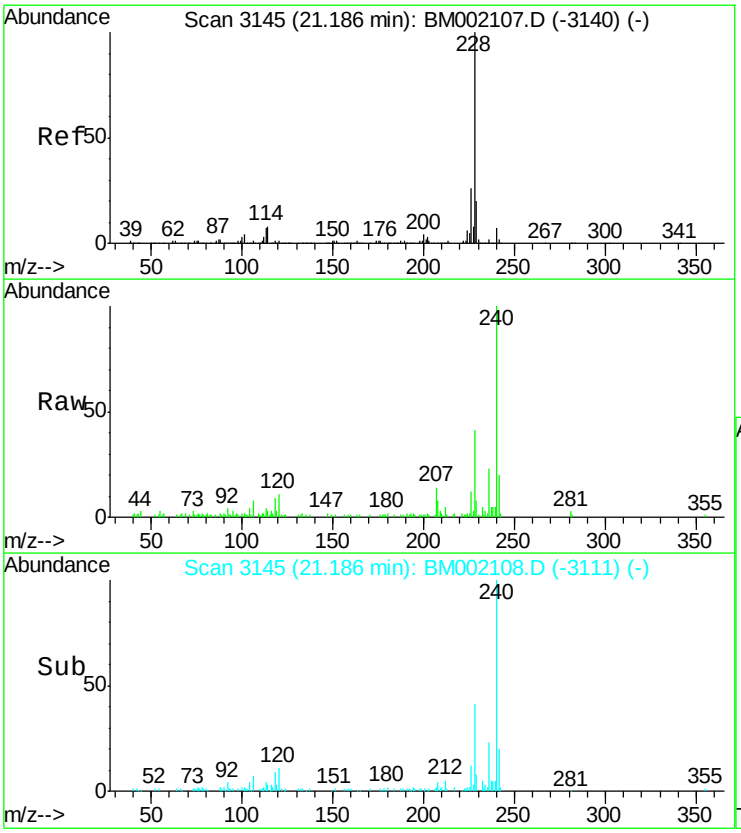
#80
Pyrene
Concen: 1.60 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Instrument :
BNA_M
ClientSampleId :
C02E8

Tgt Ion:202 Resp: 32243

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	9.3	6.3	9.5

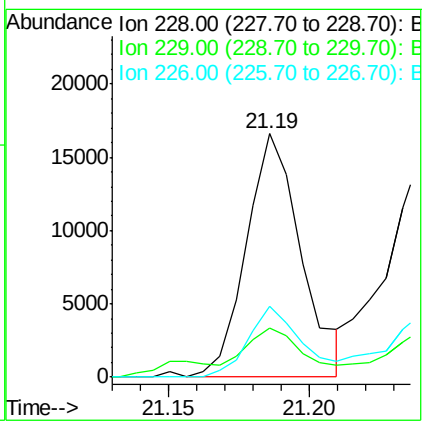


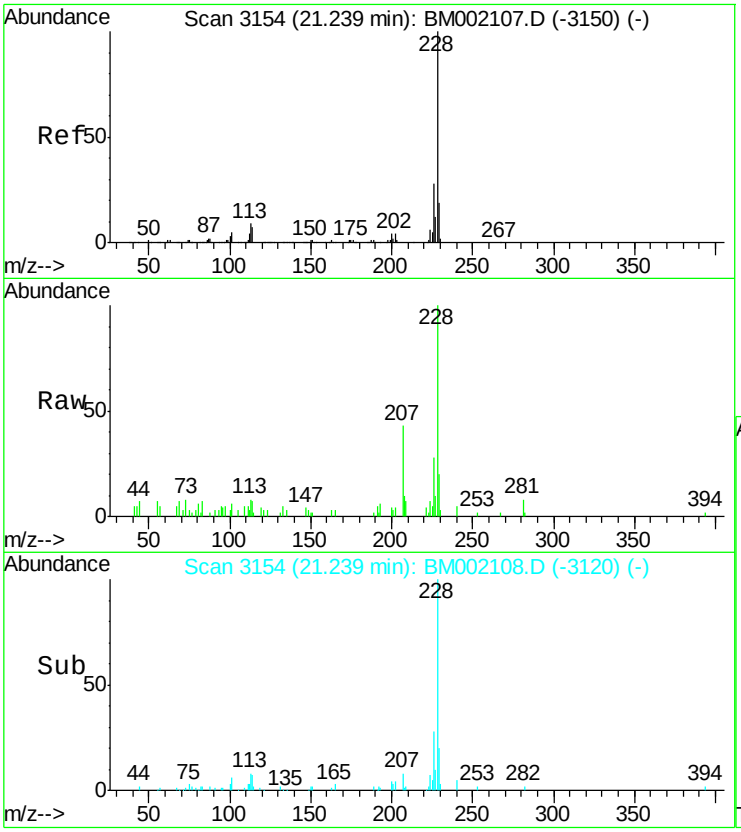


#83
Benzo(a)anthracene
Concen: 1.10 ng/ul
RT: 21.19 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Tgt Ion:228 Resp: 22460

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	28.9	20.5	30.7



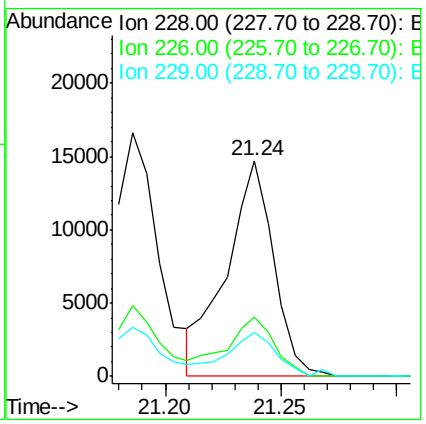


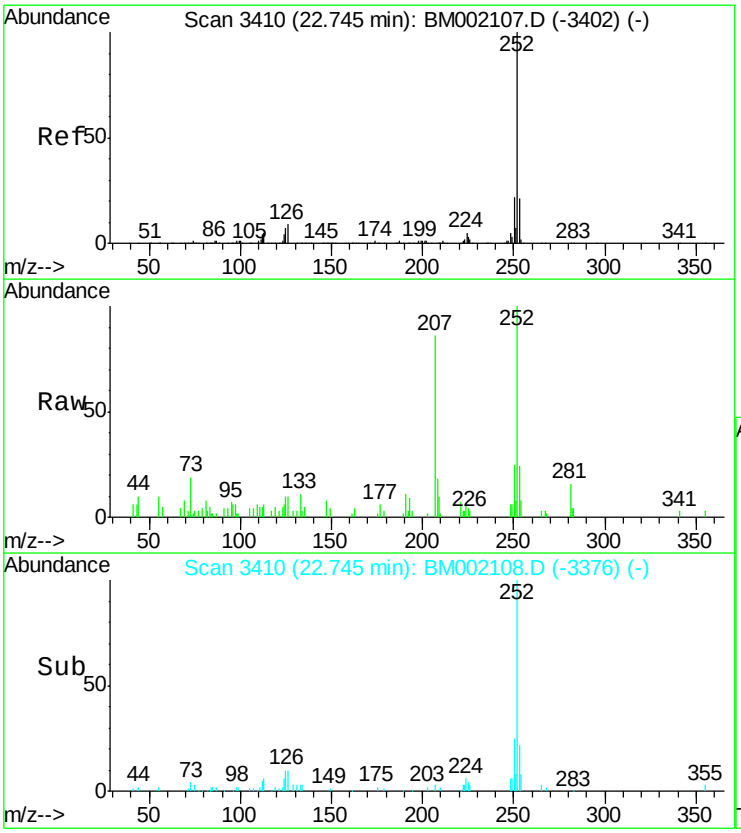
#85
Chrysene
Concen: 1.10 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Instrument :
BNA_M
ClientSampleId :
C02E8

Tgt Ion:228 Resp: 21040

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.5	15.5	23.3

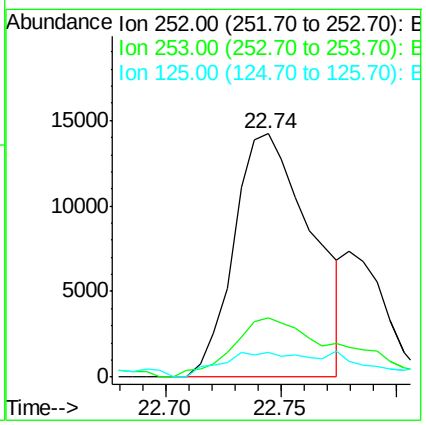


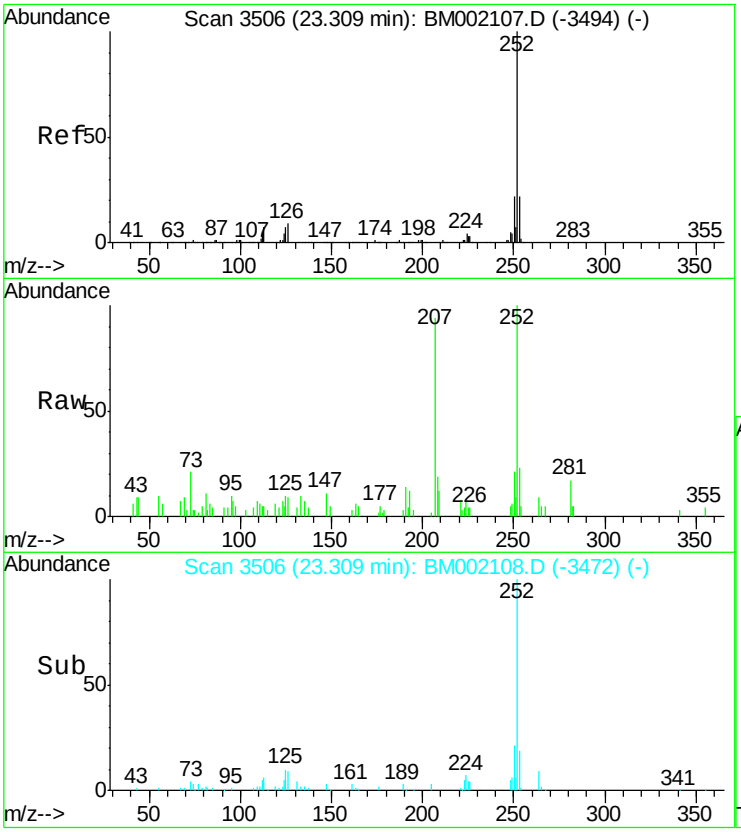


#88
Benzo(b)fluoranthene
Concen: 1.55 ng/ul
RT: 22.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Tgt Ion:252 Resp: 33198

Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.9	25.3
125	9.9	6.2	9.2#





#91
Benzo(a)pyrene
Concen: 1.08 ng/ul
RT: 23.31 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BM002108.D
Acq: 29 Jul 2015 00:26

Instrument :
BNA_M
ClientSampleId :
C02E8

Tgt Ion:252 Resp: 22376

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.6	6.6	10.0