Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001838.D
Acq On : 06 Jul 2015 16:03
Operator : TP/UM
Sample : G2861-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K8

Quant Time: Jul 07 05:11:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	53365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	205529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	120089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	275240	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	336505	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	336493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	4904	4.38	ng/uL	0.00
5) Phenol-d5	6.83	99	94090	22.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54382	23.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	76426	23.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	77176	23.46	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33238	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36417	23.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	74148	22.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	89990	26.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	211252	23.72	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	234850	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	28873	17.57	ng/ul	0.00
57) Fluorene-d10	15.31	176	162758	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	22325	13.28	ng/ul	0.00
70) Anthracene-d10	17.16	188	251643	19.63	ng/ul	0.00
78) Pyrene-d10	19.46	212	245957	17.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	233194	15.72	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.77	163	86375	8.87	ng/ul	98
69) Phenanthrene	17.10	178	18272	1.22	ng/ul	100
76) Fluoranthene	19.13	202	32636	1.83	ng/ul	98
79) Pyrene	19.49	202	32717	1.75	ng/ul	96
82) Benzo(a)anthracene	21.24	228	22158	1.13	ng/ul	94
84) Chrysene	21.29	228	18834	1.01	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	25744	1.31	ng/ul#	98
90) Benzo(a)pyrene	23.38	252	20086	1.05	ng/ul#	89

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

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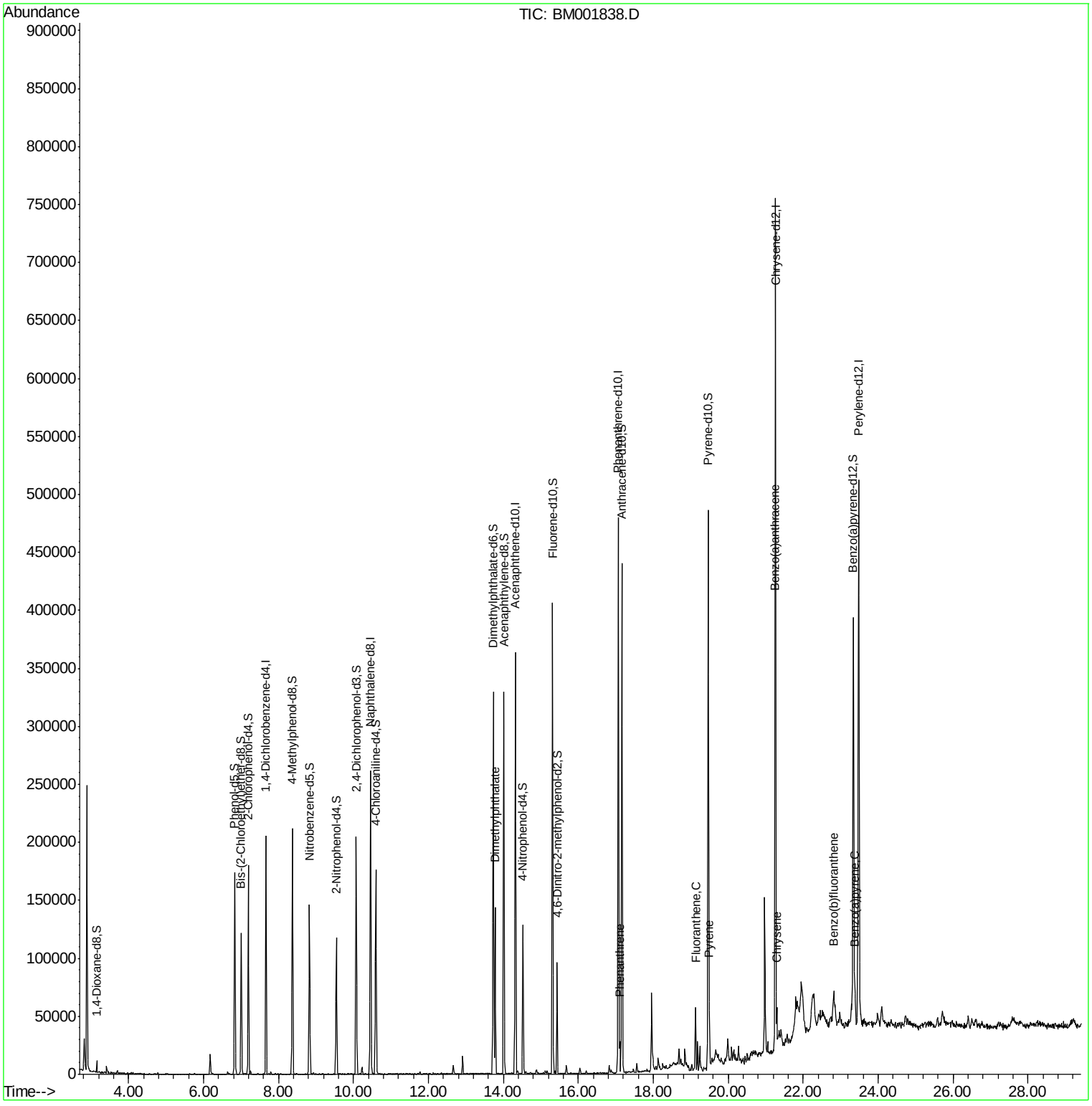
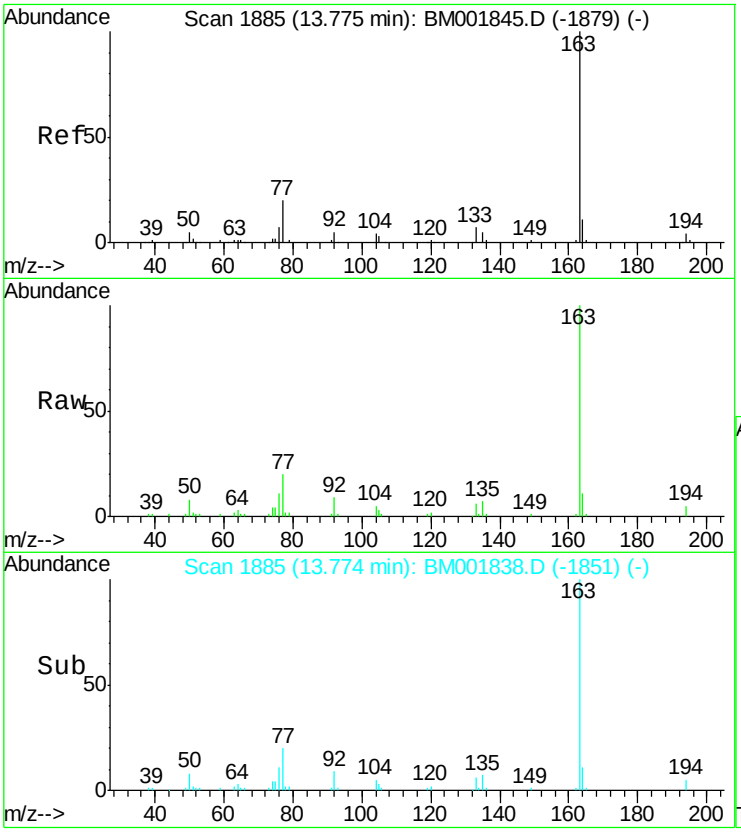


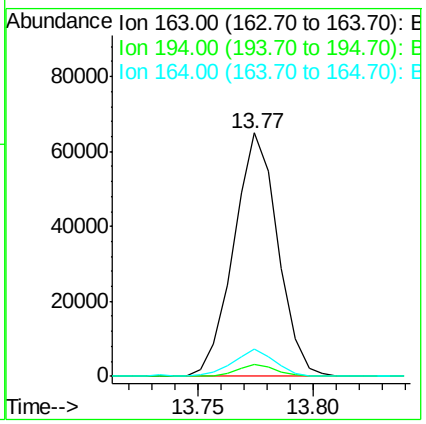


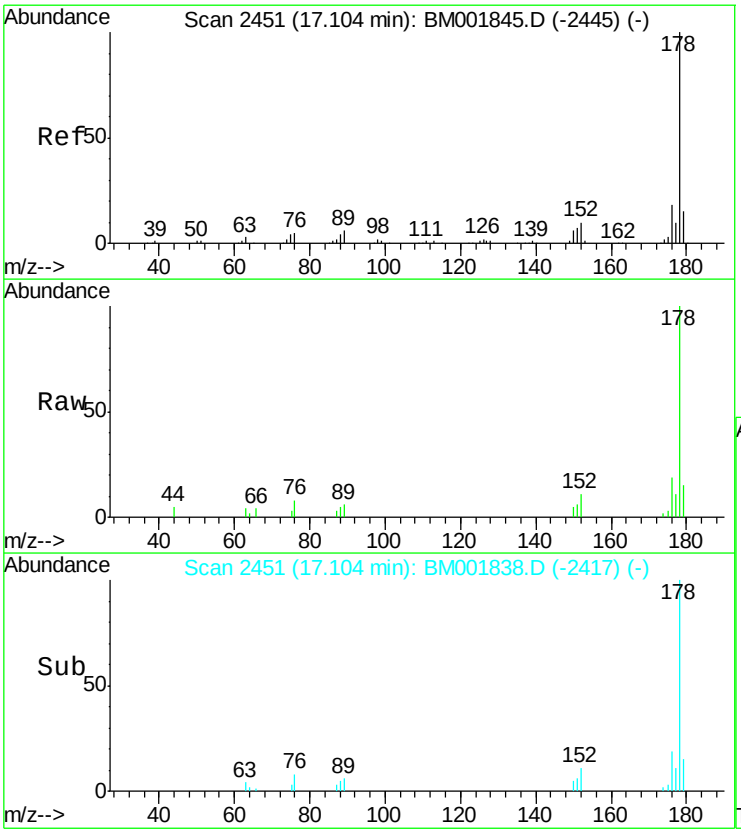
#44
Dimethylphthalate
Concen: 8.87 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Instrument :
BNA_M
ClientSampleId :
G93K8

Tgt Ion:163 Resp: 86375

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.0	8.0	12.0

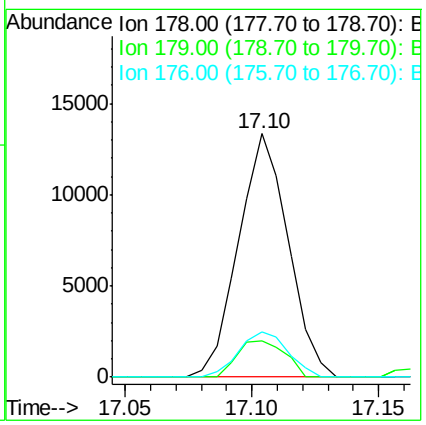


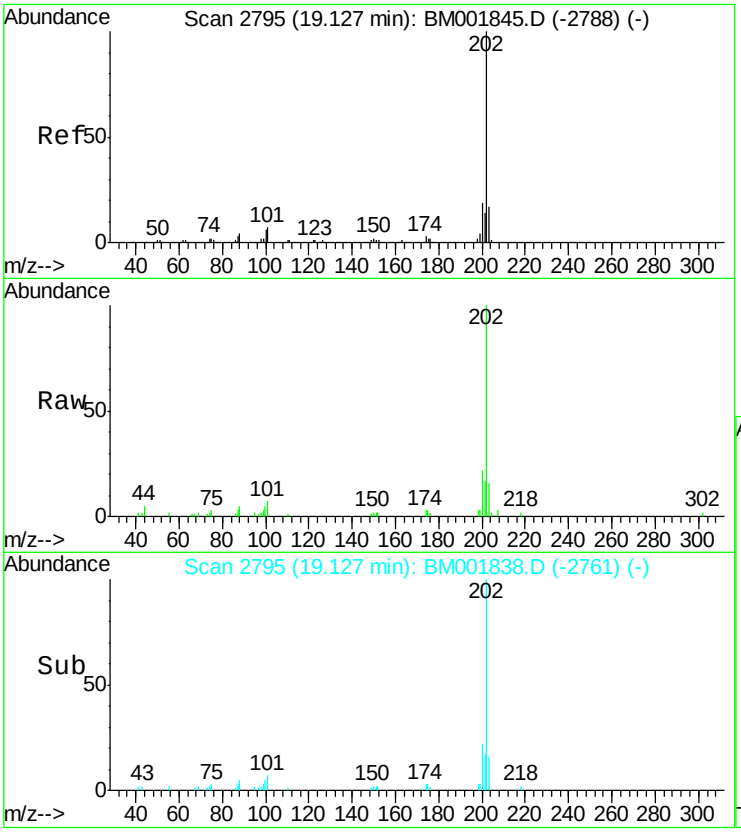


#69
Phenanthrene
Concen: 1.22 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Tgt Ion:178 Resp: 18272

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	18.8	15.2	22.8



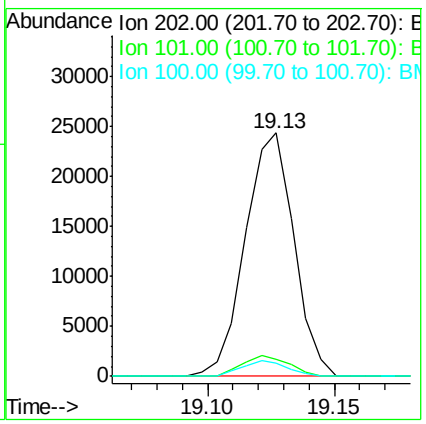


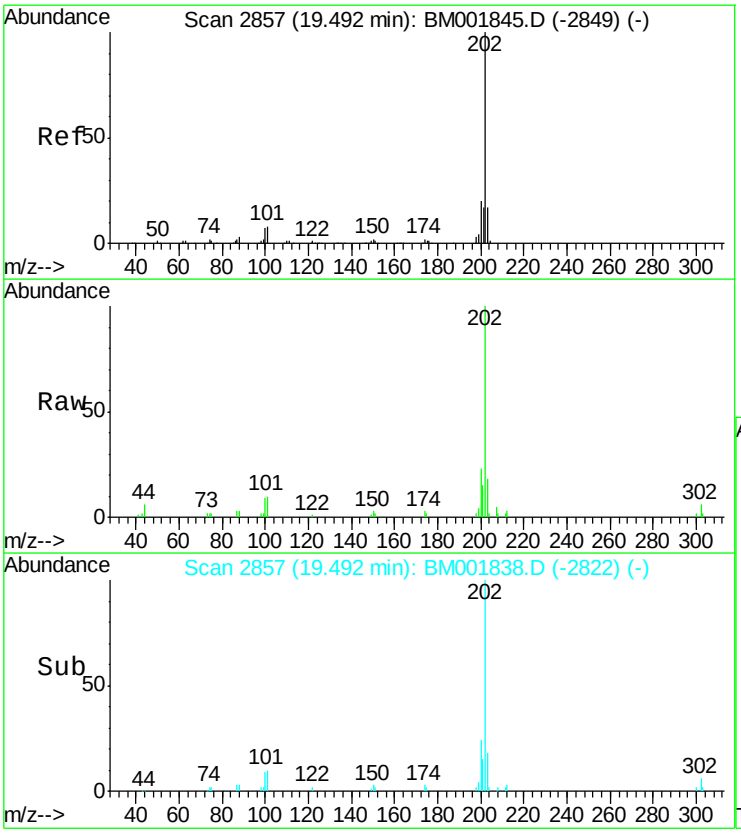
#76
Fluoranthene
Concen: 1.83 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Instrument :
BNA_M
ClientSampleId :
G93K8

Tgt Ion:202 Resp: 32636

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.1	9.1
100	5.4	4.8	7.2

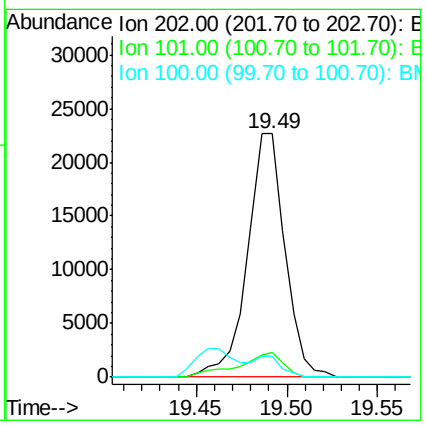


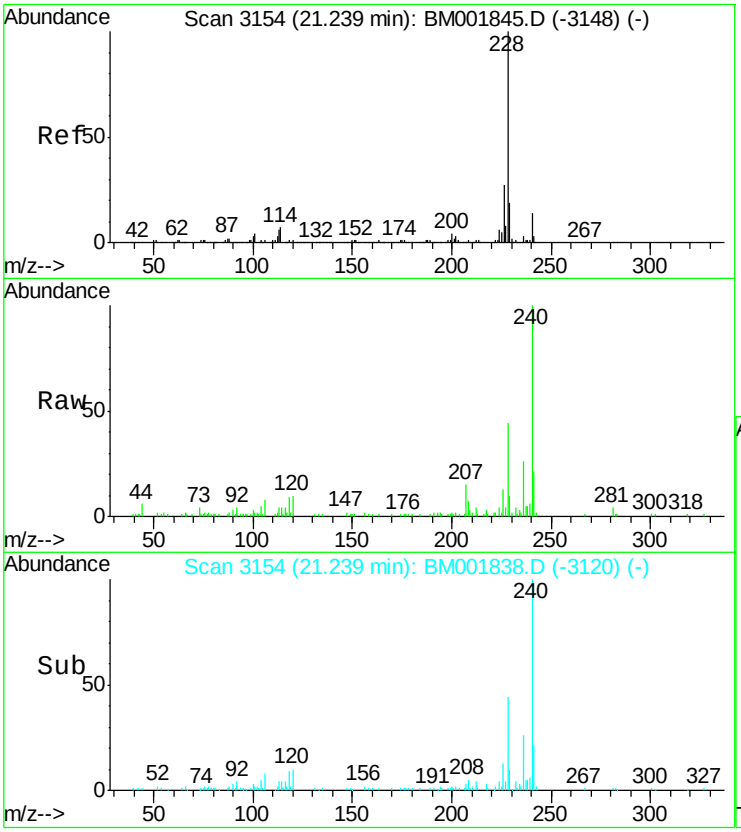


#79
Pyrene
Concen: 1.75 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Tgt Ion:202 Resp: 32717

Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.9	10.3
100	8.6	6.2	9.2



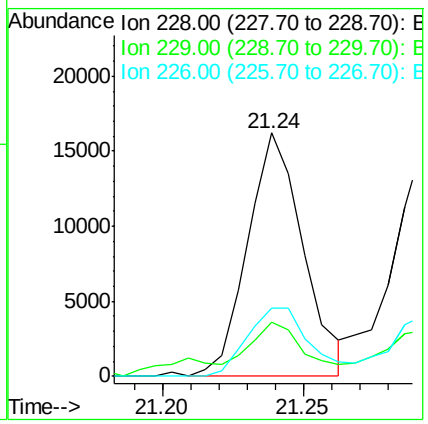


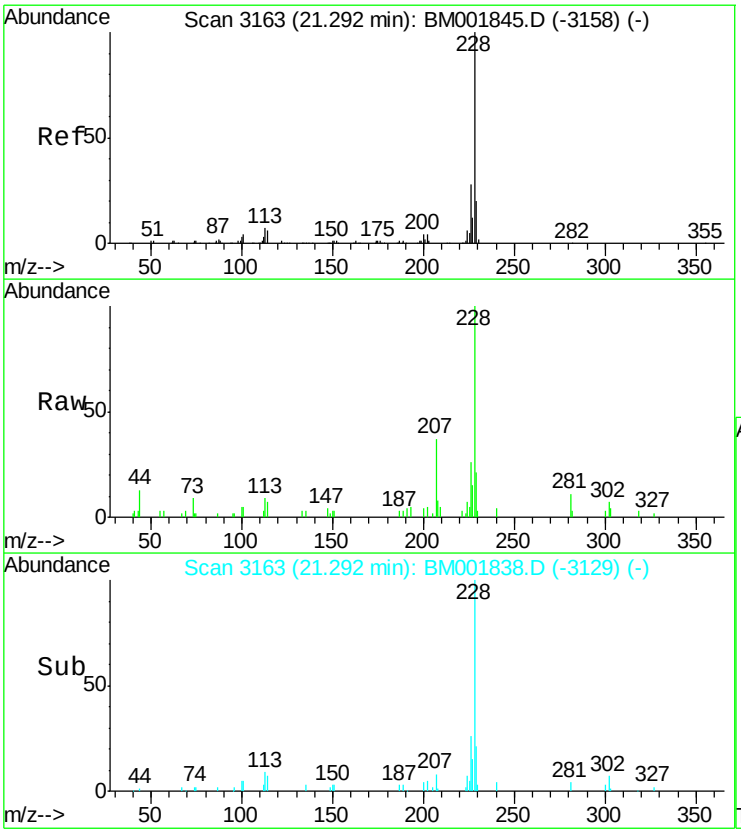
#82
Benzo(a)anthracene
Concen: 1.13 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Instrument :
BNA_M
ClientSampleId :
G93K8

Tgt Ion:228 Resp: 22158

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.4	23.0
226	28.2	20.6	30.8

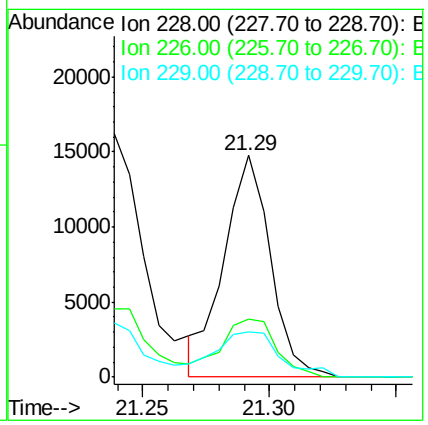


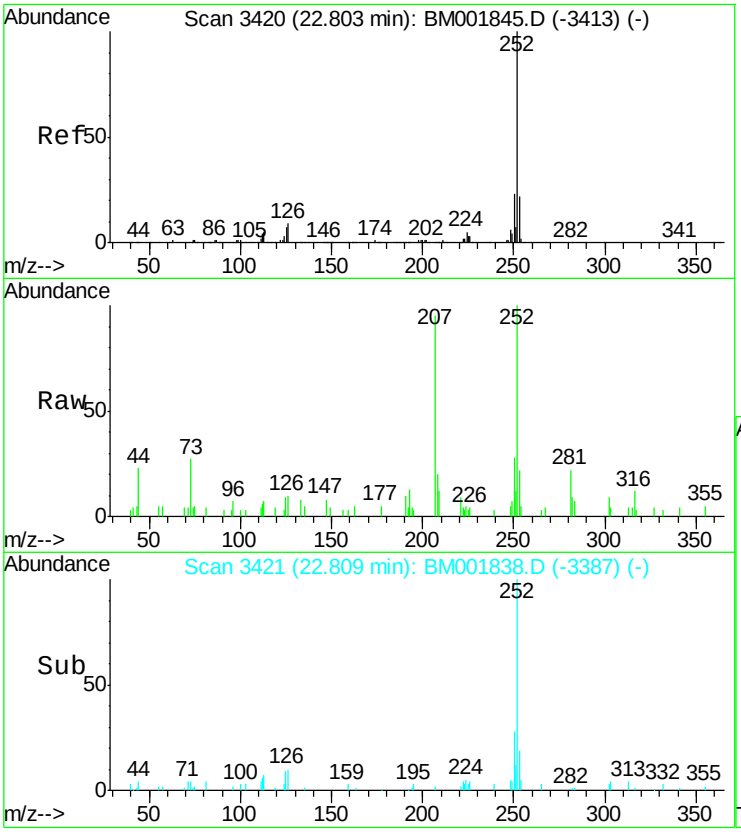


#84
Chrysene
Concen: 1.01 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Tgt Ion:228 Resp: 18834

Ion	Ratio	Lower	Upper
228	100		
226	25.9	23.0	34.4
229	20.6	15.4	23.2



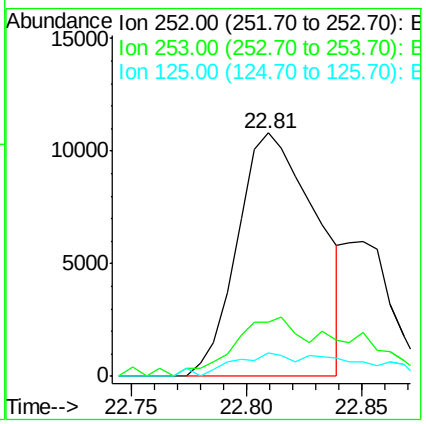


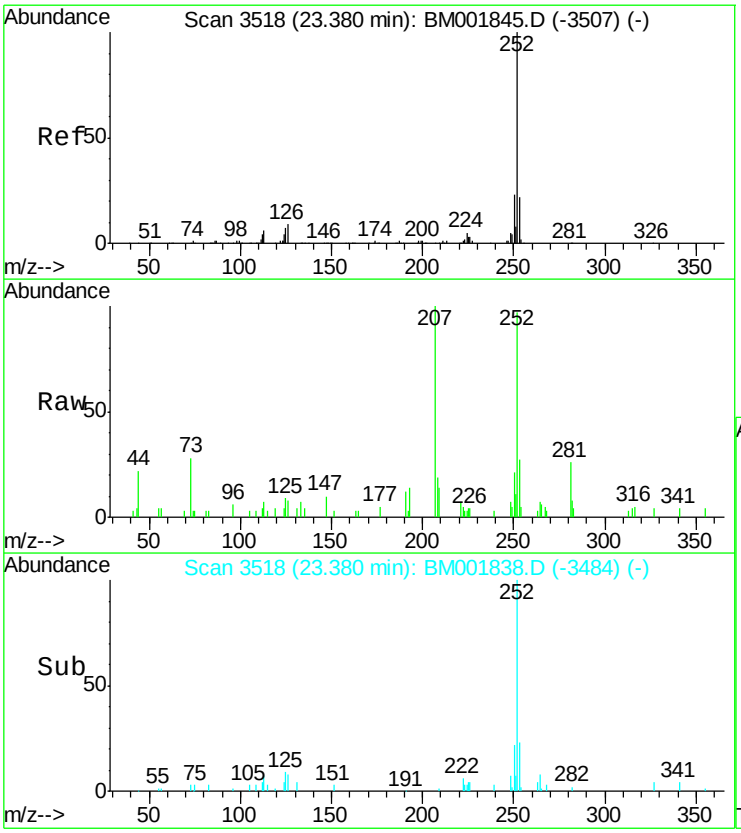
#87
Benzo(b)fluoranthene
Concen: 1.31 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Instrument :
BNA_M
ClientSampleId :
G93K8

Tgt Ion:252 Resp: 25744

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.4	5.3	7.9#





#90
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BM001838.D
Acq: 06 Jul 2015 16:03

Tgt Ion:252 Resp: 20086

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.0#
125	8.9	6.0	9.0