Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006932.D
Acq On : 06 Aug 2016 10:35
Operator : UM/SJ
Sample : H4224-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJN4

Quant Time: Aug 08 01:19:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	374725	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.33	136	1584759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	951446	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	2114704	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	2383997	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	2373194	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	4060	0.60	ng/uL	0.00
5) Phenol-d5	6.78	99	156612	5.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	122535	6.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	140100	6.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	64895	2.89	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	65954	6.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	938	0.07	ng/ul	0.12
26) 2,4-Dichlorophenol-d3	10.00	165	120680	4.52	ng/ul	0.01
29) 4-Chloroaniline-d4	10.52	131	136584	4.96	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	470657	6.01	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	552535	5.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	32872	1.91	ng/ul	0.02
57) Fluorene-d10	15.22	176	421143	5.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	29705	2.15	ng/ul	0.00
70) Anthracene-d10	17.07	188	629608	6.20	ng/ul	0.00
76) Pyrene-d10	19.37	212	761337	6.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	726485	6.29	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.68	163	181134	2.33	ng/ul	99
69) Phenanthrene	17.01	178	129809	1.11	ng/ul	96
71) Anthracene	17.01	178	129809	1.08	ng/ul	97
74) Fluoranthene	19.04	202	301745	2.02	ng/ul#	93
77) Pyrene	19.40	202	245499	1.57	ng/ul#	93
82) Chrysene	21.22	228	137633	1.08	ng/ul	95
85) Benzo(b)fluoranthene	22.72	252	175817	1.18	ng/ul#	94

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

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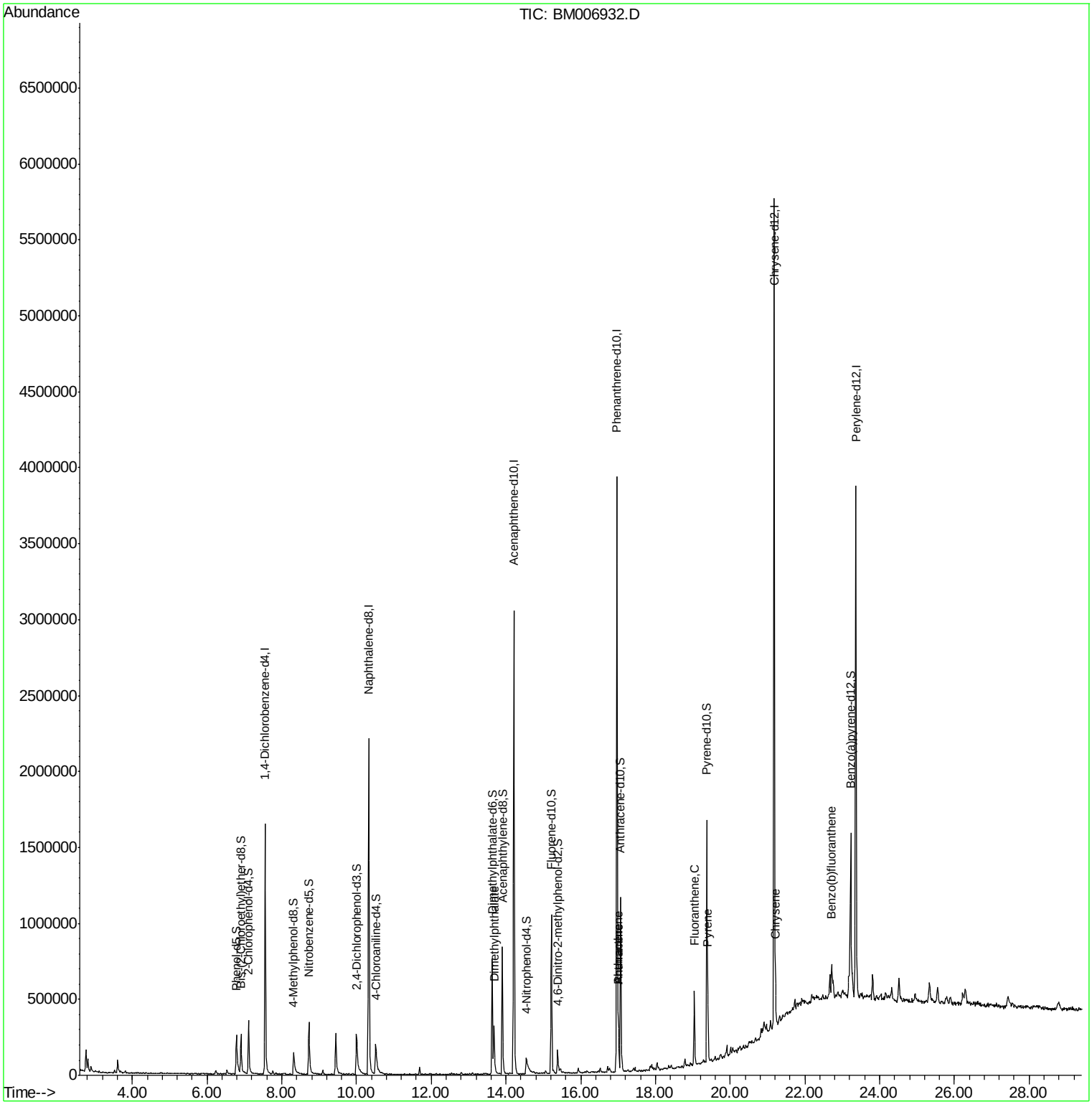
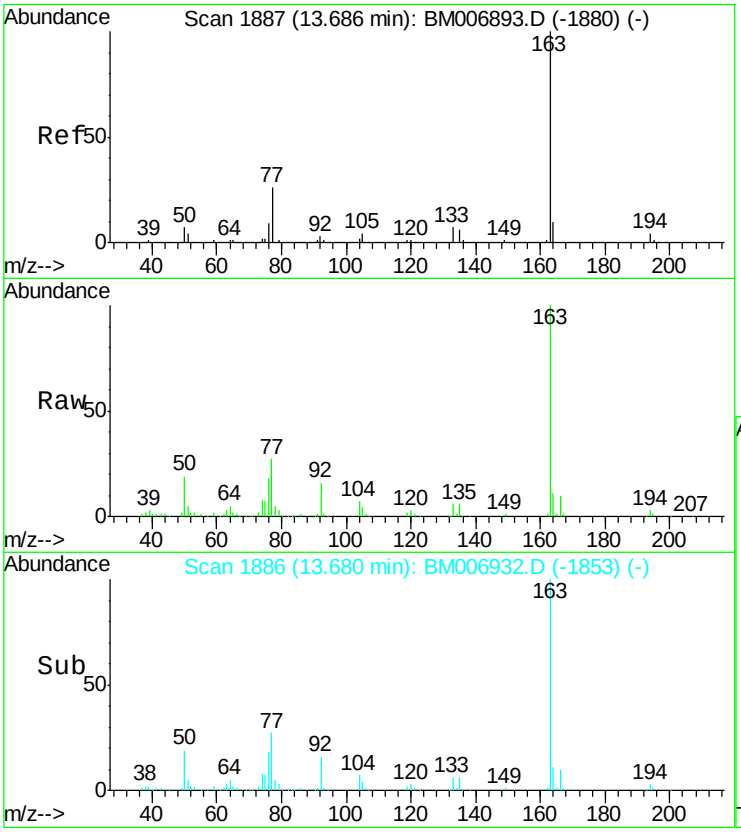


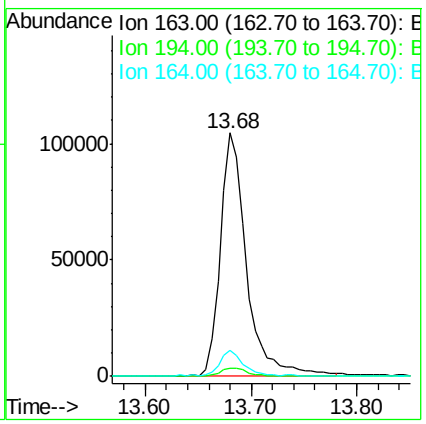


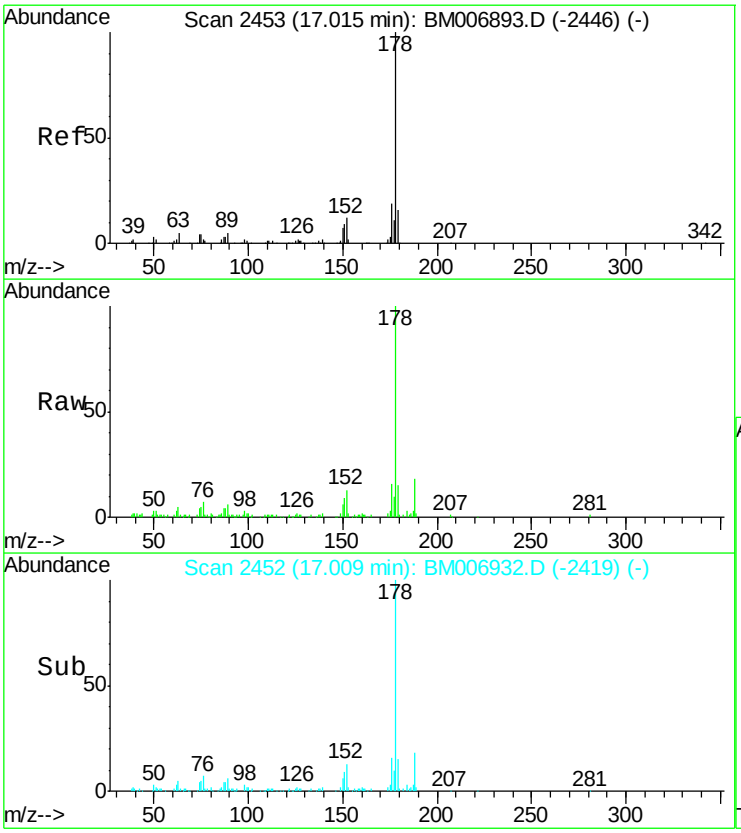
#44
Dimethylphthalate
Concen: 2.33 ng/ul
RT: 13.68 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Instrument :
BNA_M
ClientSampleId :
BDJN4

Tgt Ion:163 Resp: 181134

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.9	8.6	12.8

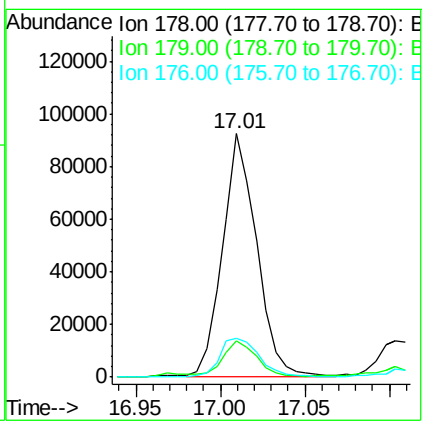


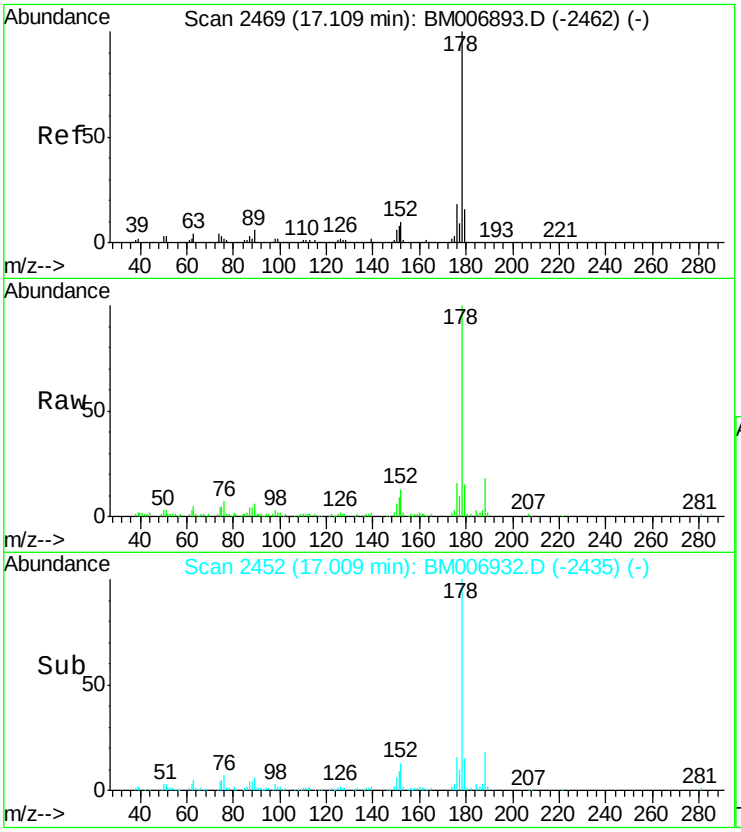


#69
Phenanthrene
Concen: 1.11 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Tgt Ion:178 Resp: 129809

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	16.0	15.2	22.8



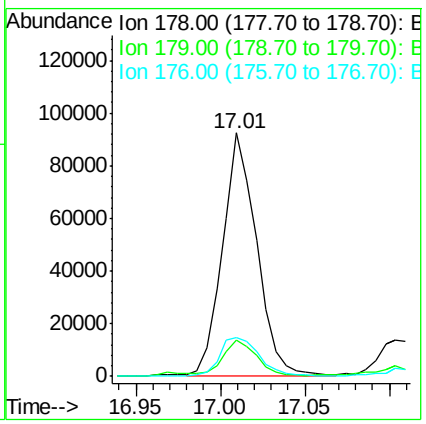


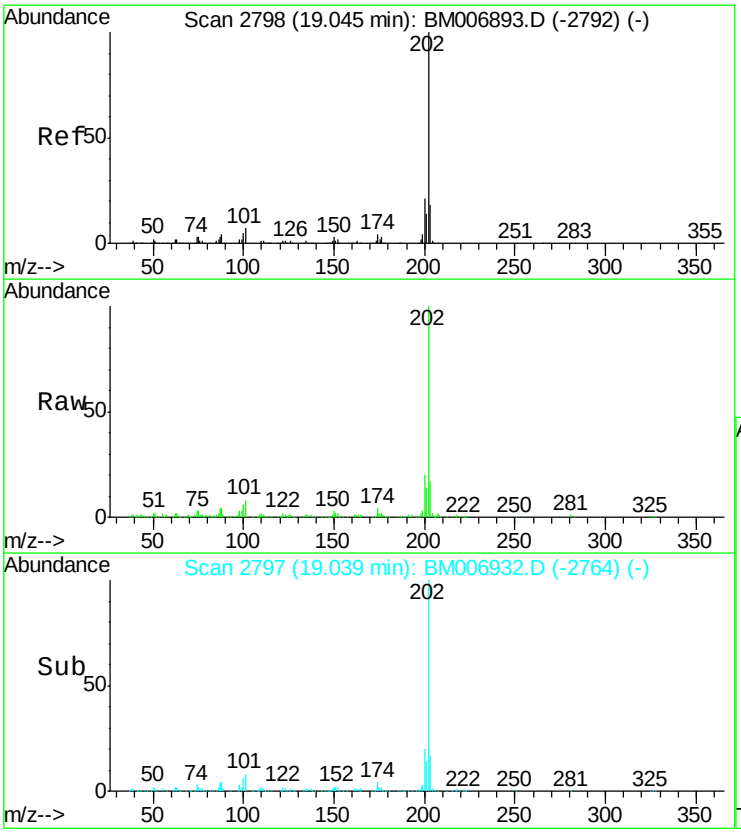
#71
Anthracene
Concen: 1.08 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. -0.10 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Instrument :
BNA_M
ClientSampleId :
BDJN4

Tgt Ion:178 Resp: 129809

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.9	19.3
176	16.0	14.0	21.0

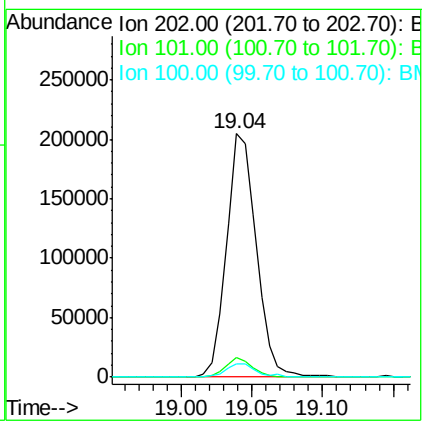


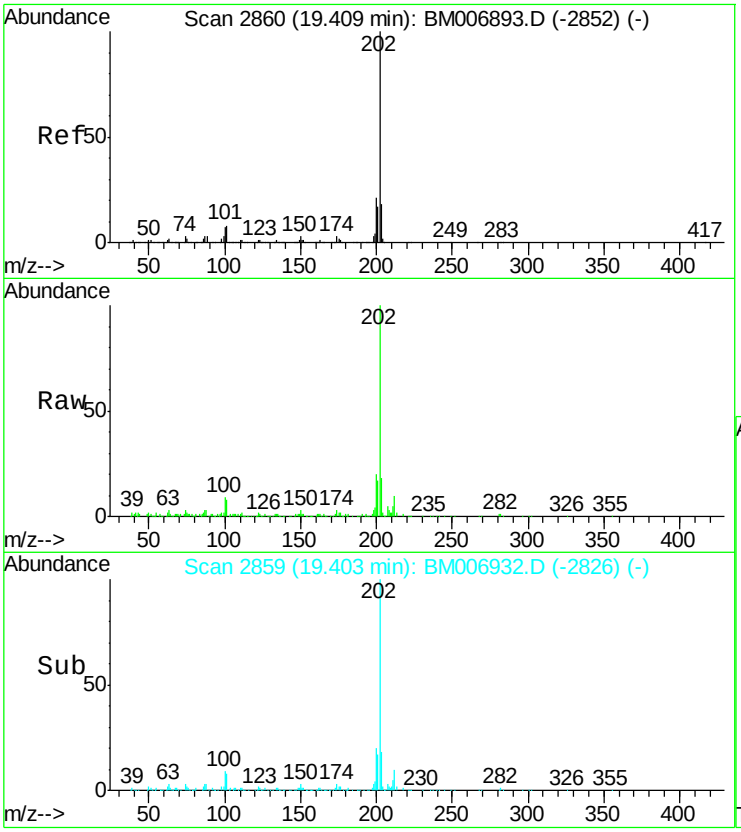


#74
Fluoranthene
Concen: 2.02 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Tgt Ion:202 Resp: 301745

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.1	6.1#
100	5.5	3.0	4.6#



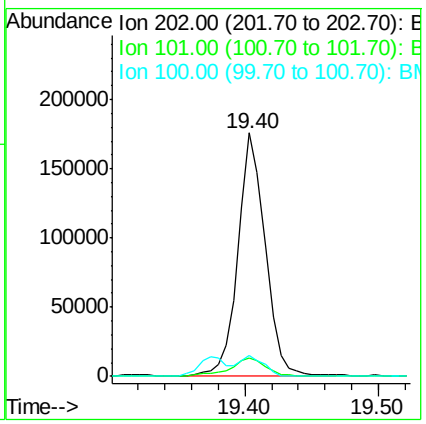


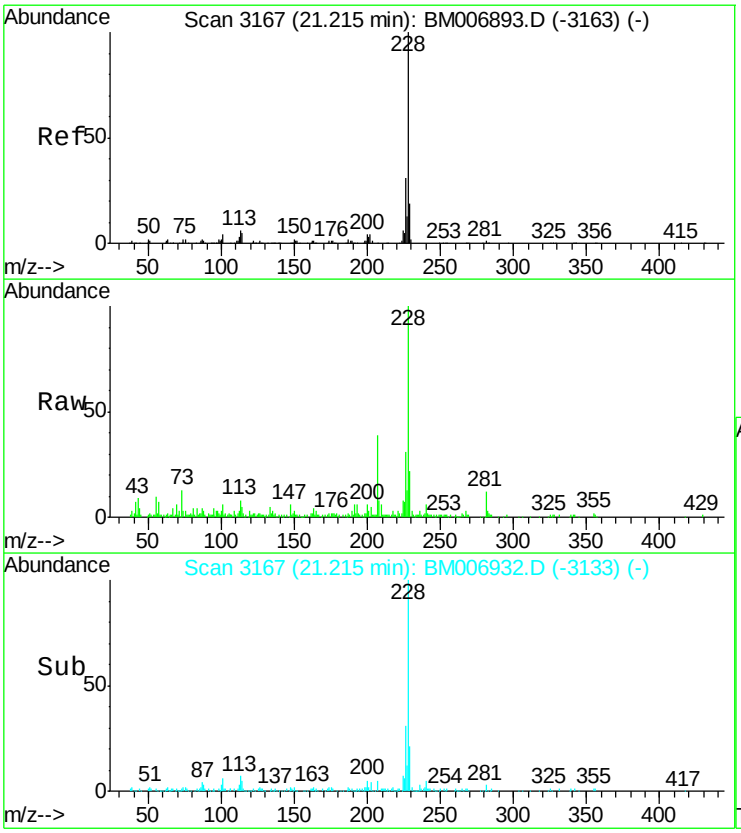
#77
Pyrene
Concen: 1.57 ng/ul
RT: 19.40 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Instrument :
BNA_M
ClientSampleId :
BDJN4

Tgt Ion:202 Resp: 245499

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	6.8#
100	8.5	4.5	6.7#

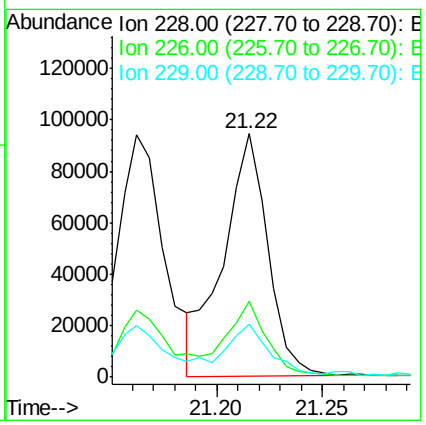


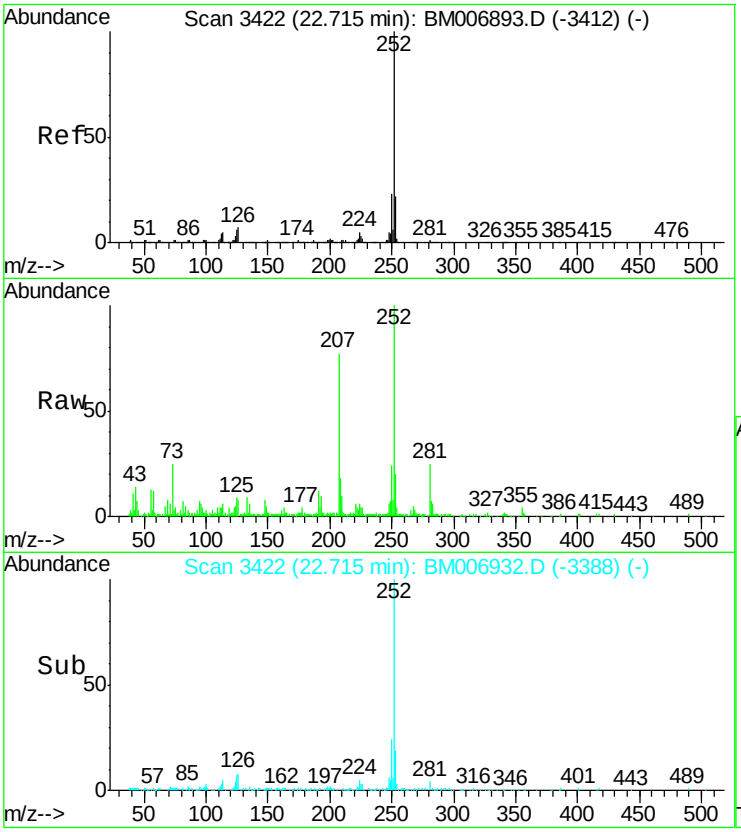


#82
Chrysene
Concen: 1.08 ng/ul
RT: 21.22 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Tgt Ion:228 Resp: 137633

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.8	34.2
229	21.6	15.4	23.2





#85
Benzo(b)fluoranthene
Concen: 1.18 ng/ul
RT: 22.72 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BM006932.D
Acq: 06 Aug 2016 10:35

Instrument :
BNA_M
ClientSampleId :
BDJN4

Tgt Ion:252 Resp: 175817

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.1	27.1
125	8.8	2.9	4.3#