Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006952.D
Acq On : 06 Aug 2016 23:45
Operator : UM/SJ
Sample : H4301-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0G2

Quant Time: Aug 08 03:53:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	174782	20.00	ng/ul	0.00
7) Naphthalene-d8	10.33	136	827791	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	559756	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1404772	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1572982	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1201245	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	5865	1.53	ng/uL	0.00
3) Phenol-d5	6.77	99	240441	14.51	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	196510	18.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	206511	17.46	ng/ul	0.00
6) 4-Methylphenol-d8	8.30	113	165681	11.98	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	117030	19.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	132280	17.96	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.99	165	230815	16.54	ng/ul	0.01
12) 4-Chloroaniline-d4	10.50	131	196265	11.78	ng/ul	0.01
16) Dimethylphthalate-d6	13.63	166	979641	19.89	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1149326	20.17	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	64104	8.97	ng/ul	0.03
21) Fluorene-d10	15.21	176	866109	20.69	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	72776	12.55	ng/ul	0.00
26) Anthracene-d10	17.06	188	1361550	20.06	ng/ul	0.00
30) Pyrene-d10	19.37	212	1715370	22.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1243273	21.73	ng/ul	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.04	202	122412	1.28	ng/ul#	97
31) Pyrene	19.04	202	122412	1.25	ng/ul	98
35) Benzo(b)fluoranthene	22.72	252	84862	1.08	ng/ul	97
36) Benzo(k)fluoranthene	22.72	252	84862	1.12	ng/ul	98

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

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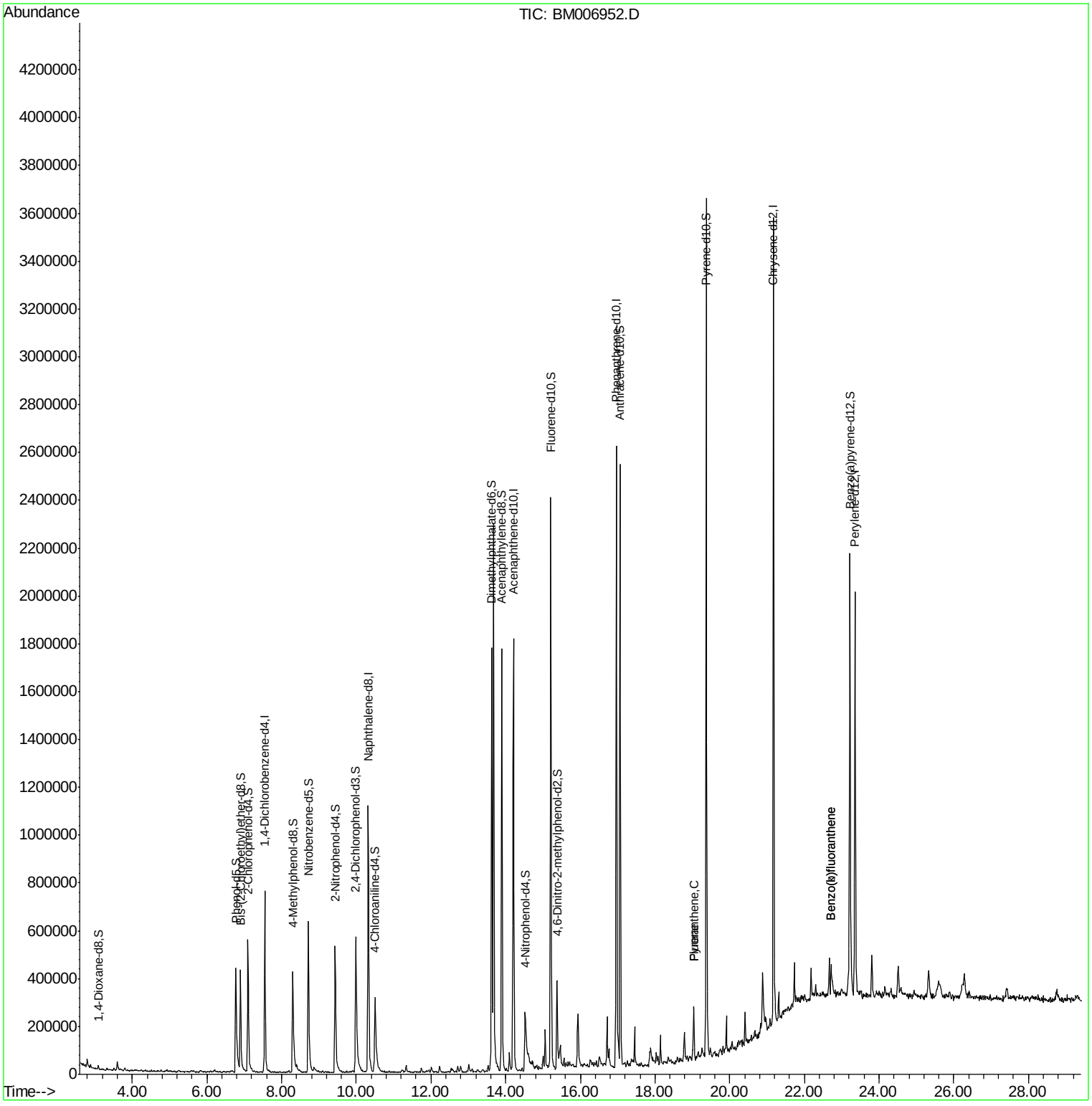
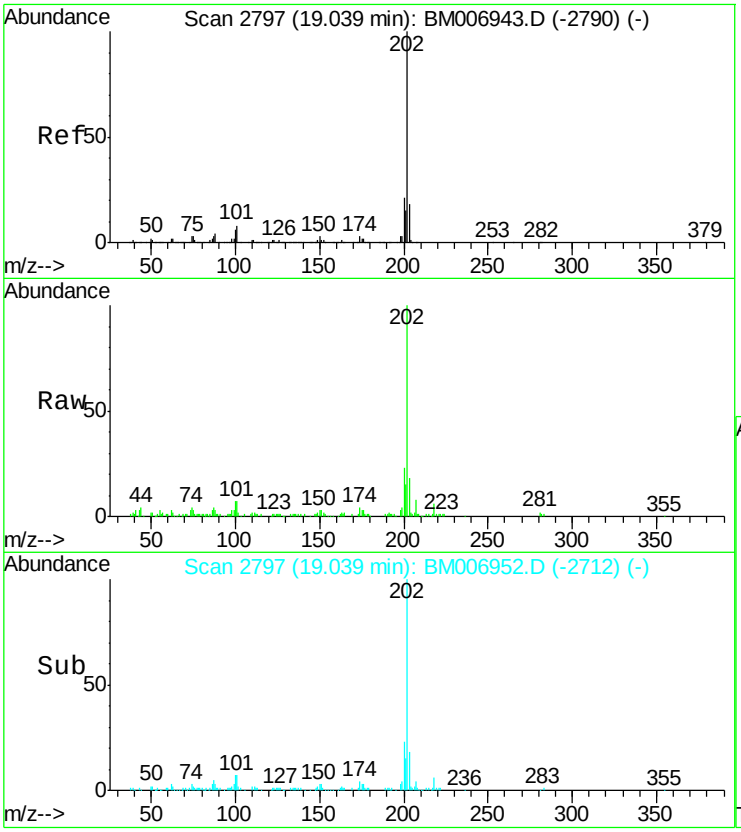


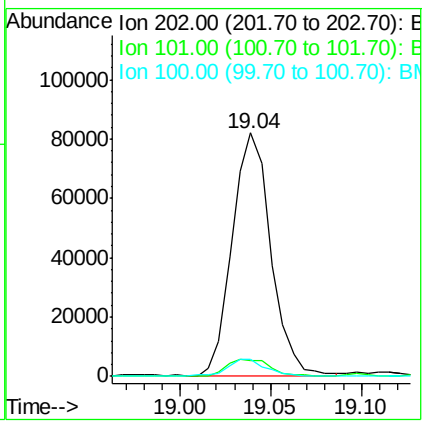


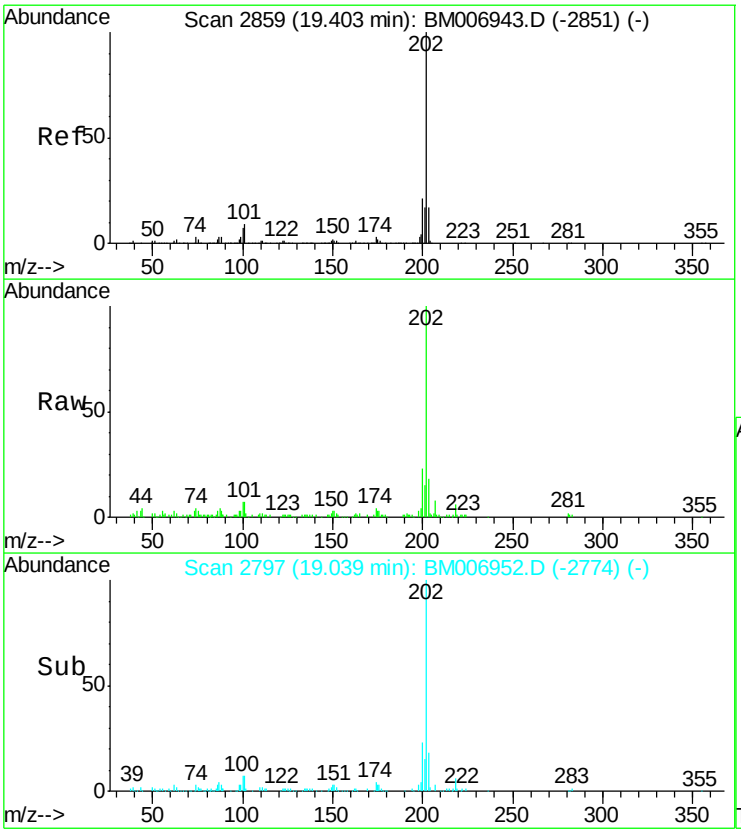
#28
Fluoranthene
Concen: 1.28 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BM006952.D
Acq: 06 Aug 2016 23:45

Instrument :
BNA_M
ClientSampleId :
DA0G2

Tgt Ion:202 Resp: 122412

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.6	8.4
100	6.8	4.2	6.4#

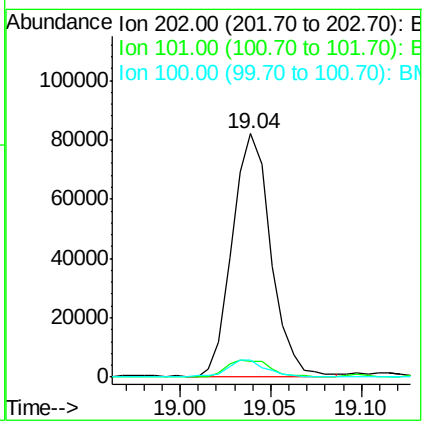


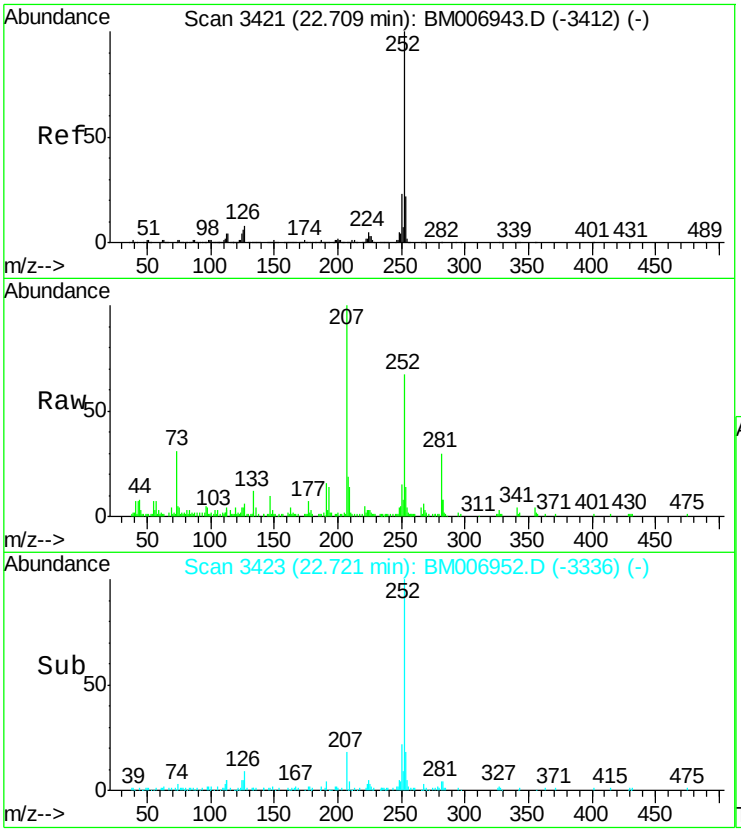


#31
Pyrene
Concen: 1.25 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. -0.36 min
Lab File: BM006952.D
Acq: 06 Aug 2016 23:45

Tgt Ion:202 Resp: 122412

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.4	9.6
100	6.8	5.4	8.2



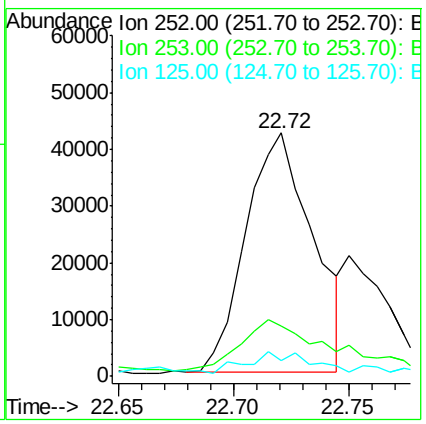


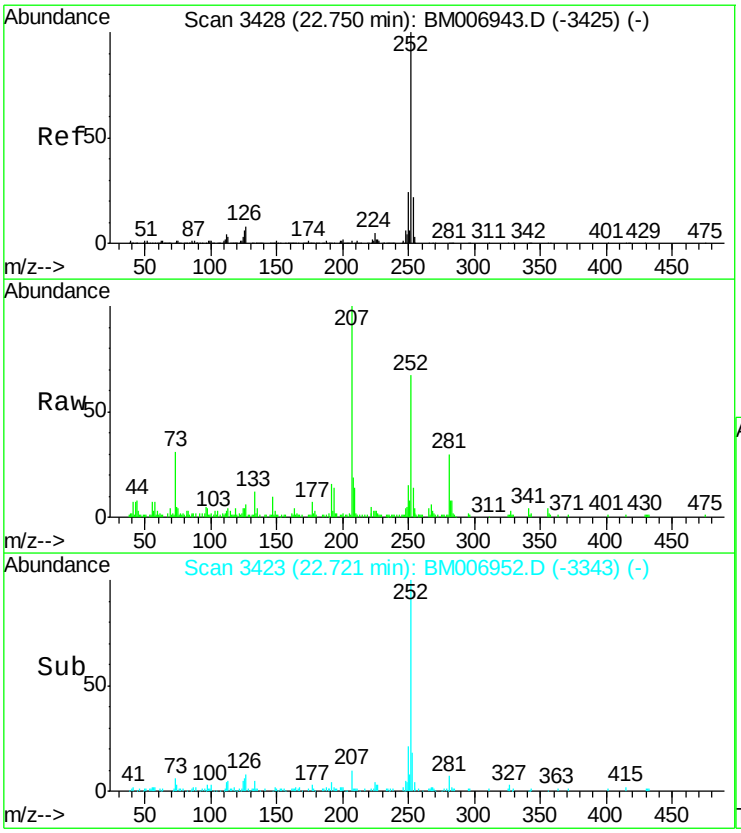
#35
Benzo(b)fluoranthene
Concen: 1.08 ng/ul
RT: 22.72 min Scan# 3423
Delta R.T. 0.01 min
Lab File: BM006952.D
Acq: 06 Aug 2016 23:45

Instrument :
BNA_M
ClientSampleId :
DA0G2

Tgt Ion:252 Resp: 84862

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.6	26.4
125	6.2	5.1	7.7





#36
Benzo(k)fluoranthene
Concen: 1.12 ng/ul
RT: 22.72 min Scan# 3423
Delta R.T. -0.03 min
Lab File: BM006952.D
Acq: 06 Aug 2016 23:45

Tgt Ion:252 Resp: 84862

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.2	25.8
125	6.2	5.1	7.7