Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006603.D
Acq On : 22 Jul 2016 01:16
Operator : UM/SJ
Sample : H4078-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YT7

Quant Time: Jul 22 03:23:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	150059	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	624163	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	347309	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.11	188	659236	20.00	ng/ul	0.09
29) Chrysene-d12	21.22	240	936334	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	996338	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	5807	1.57	ng/uL	0.00
3) Phenol-d5	6.79	99	186379	14.60	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	137951	17.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	165625	16.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	105710	10.68	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	80338	17.00	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	84524	16.82	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	152420	16.05	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	170471	16.30	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	468077	17.19	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	605675	17.43	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	47098	9.96	ng/ul	0.00
21) Fluorene-d10	15.26	176	425203	17.46	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	43451	12.70	ng/ul	0.00
26) Anthracene-d10	17.11	188	659236	21.06	ng/ul	0.00
30) Pyrene-d10	19.42	212	772035	18.10	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	840264	18.33	ng/ul	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.20	228	185599	3.27	ng/ul	97
33) Chrysene	21.25	228	230875	4.41	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	358368	6.00	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	358368	6.21	ng/ul	98
38) Benzo(a)pyrene	23.32	252	219170	3.77	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	168993	2.51	ng/ul	98
41) Benzo(g,h,i)perylene	26.28	276	163677	2.84	ng/ul	98

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

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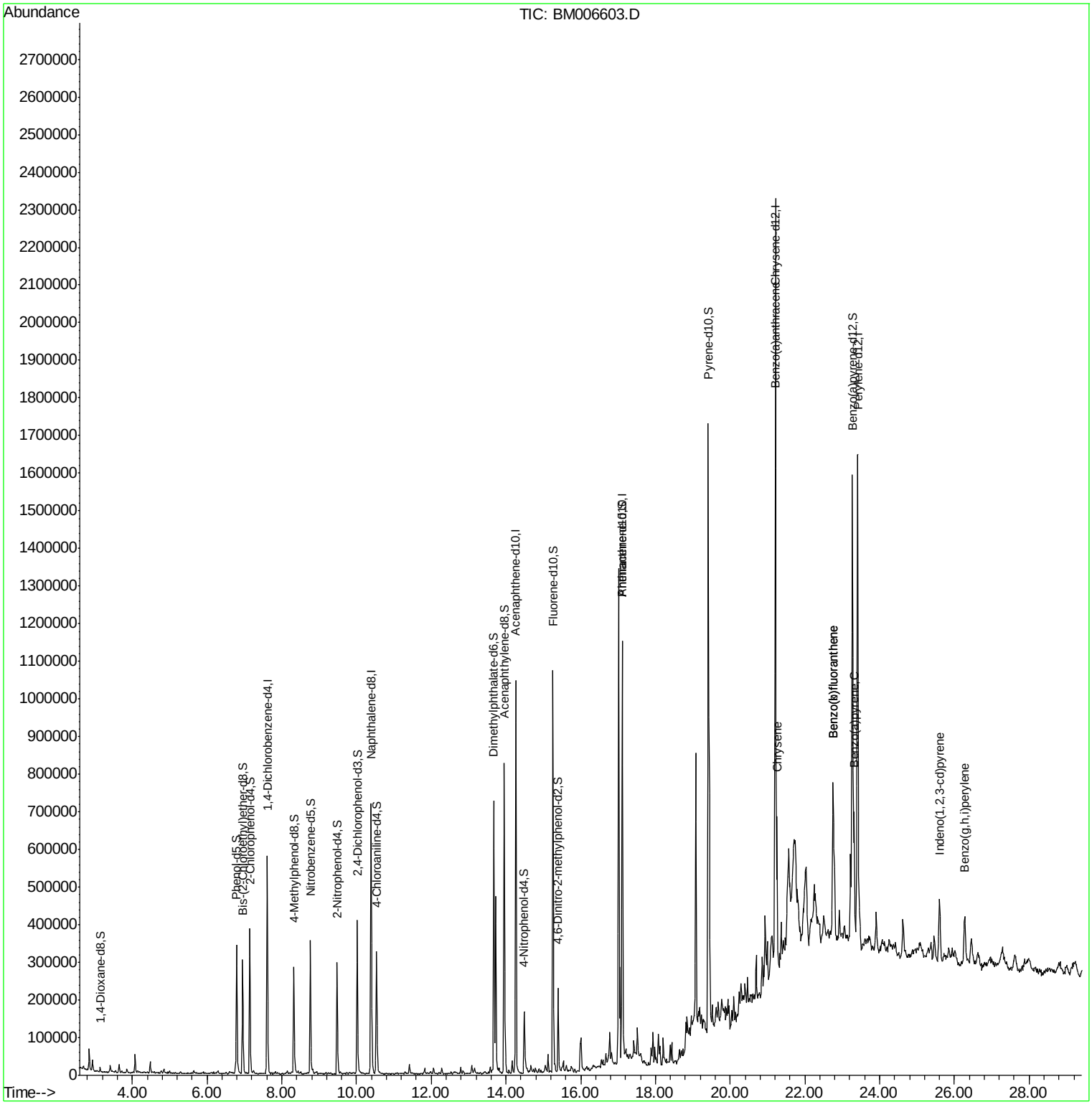
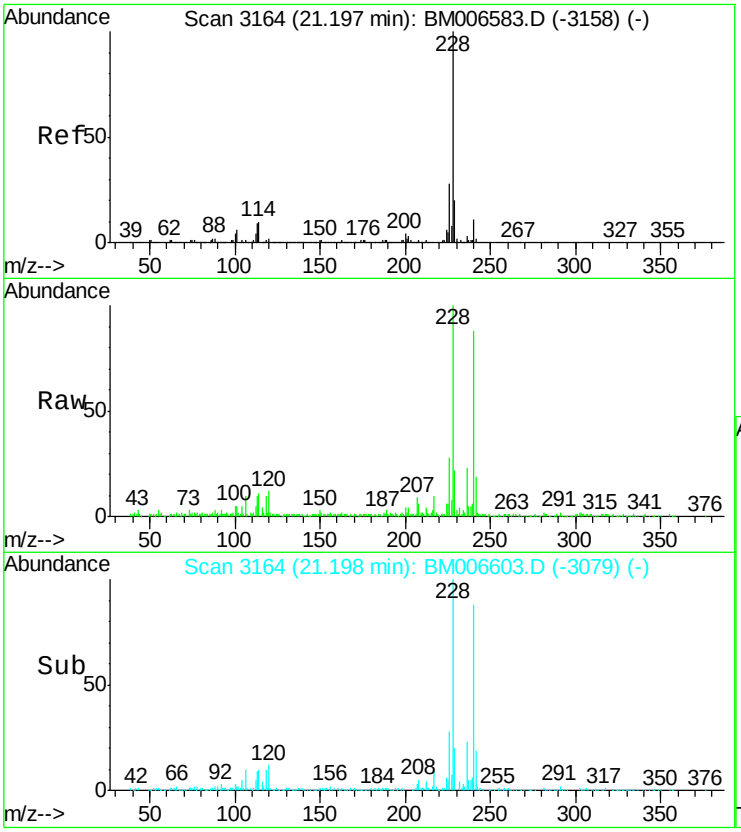


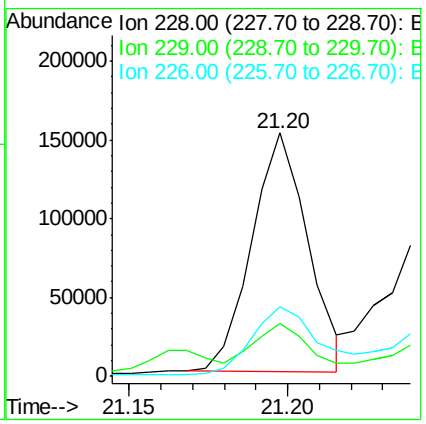


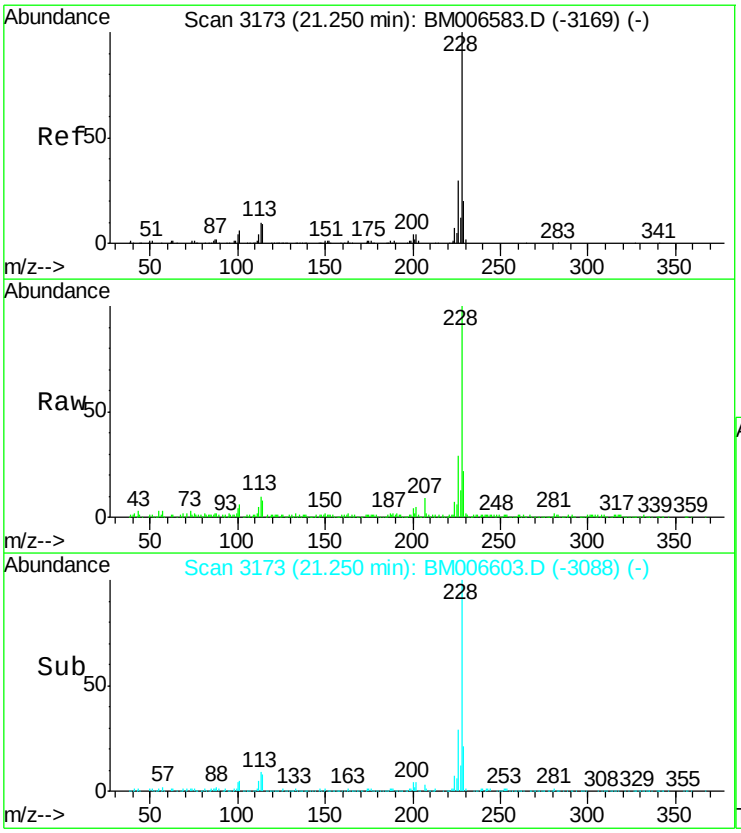
#32
Benzo(a)anthracene
Concen: 3.27 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Instrument :
BNA_M
ClientSampleId :
D9YT7

Tgt Ion:228 Resp: 185599

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	25.0
226	28.4	21.0	31.4

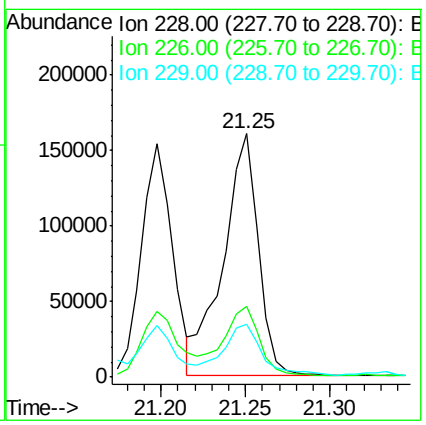


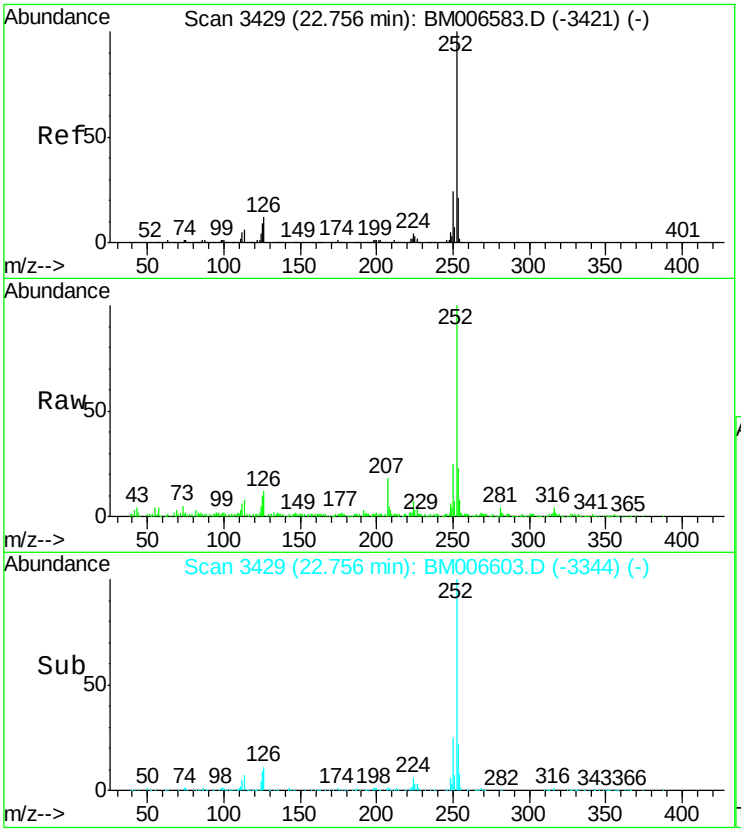


#33
Chrysene
Concen: 4.41 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Tgt Ion:228 Resp: 230875

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.7	16.2	24.2



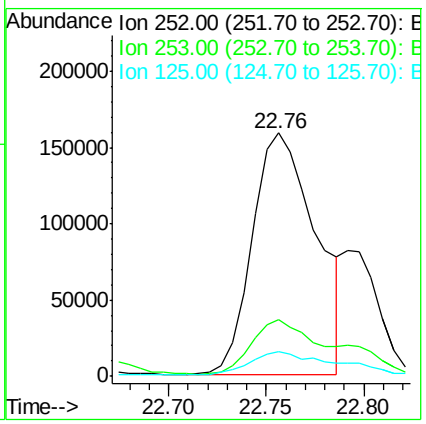


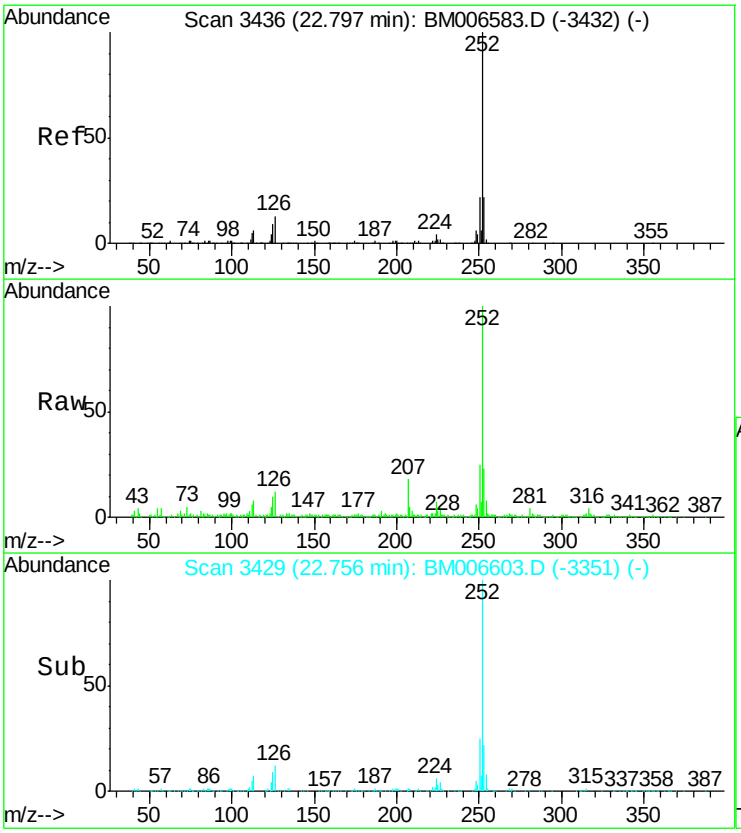
#35
Benzo(b)fluoranthene
Concen: 6.00 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Instrument :
BNA_M
ClientSampleId :
D9YT7

Tgt Ion:252 Resp: 358368

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.3	7.6	11.4

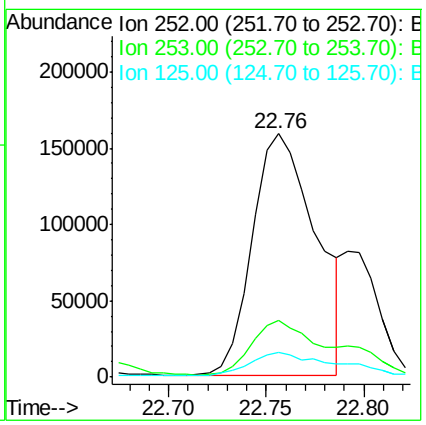


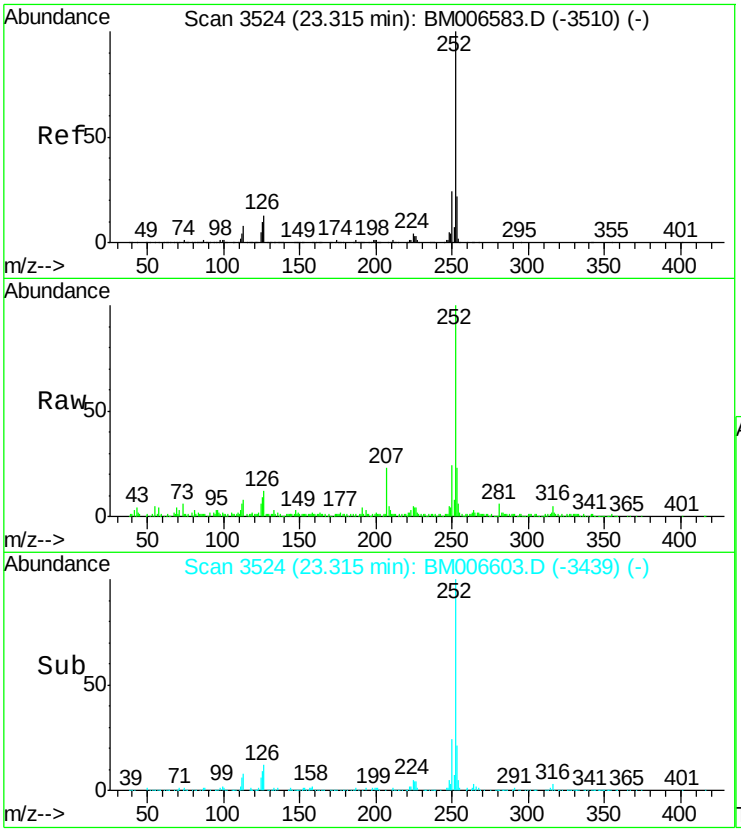


#36
Benzo(k)fluoranthene
Concen: 6.21 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Tgt Ion:252 Resp: 358368

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.3	7.7	11.5



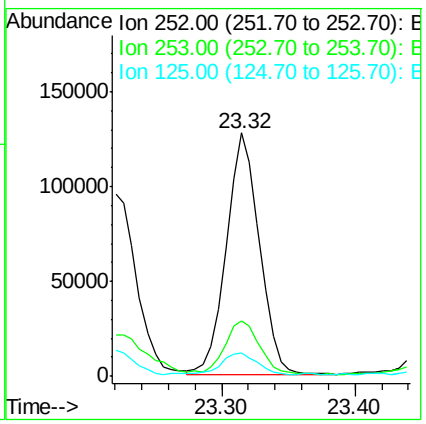


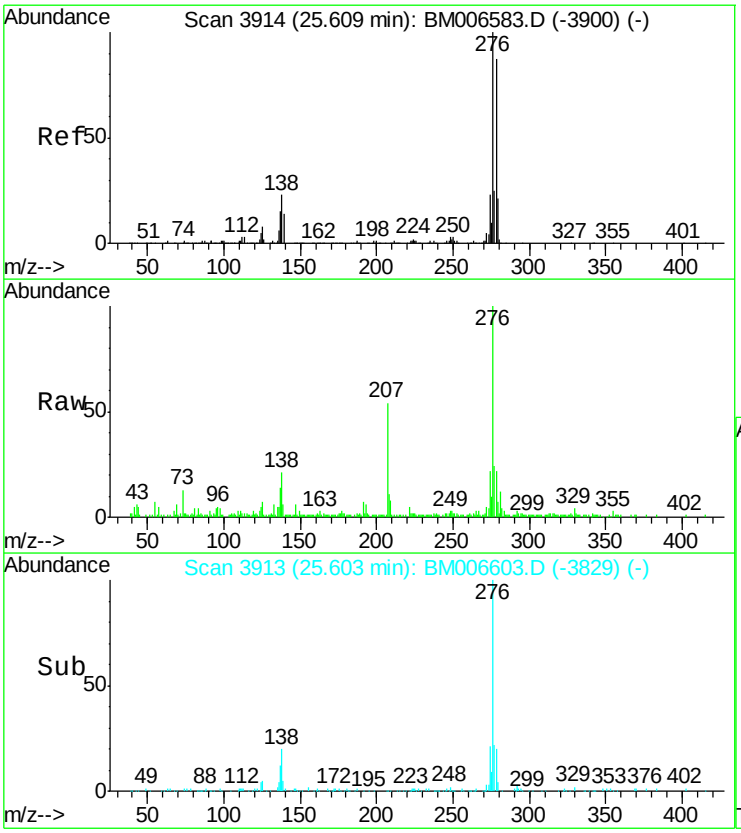
#38
Benzo(a)pyrene
Concen: 3.77 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Instrument :
BNA_M
ClientSampleId :
D9YT7

Tgt Ion:252 Resp: 219170

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.4	8.2	12.2

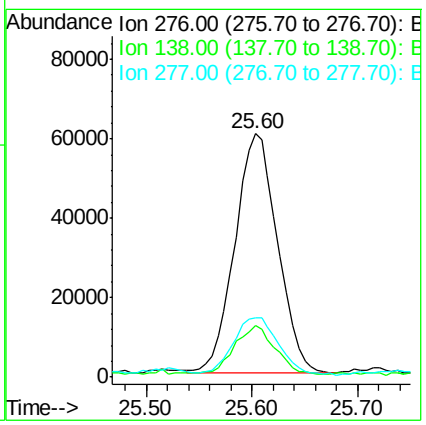


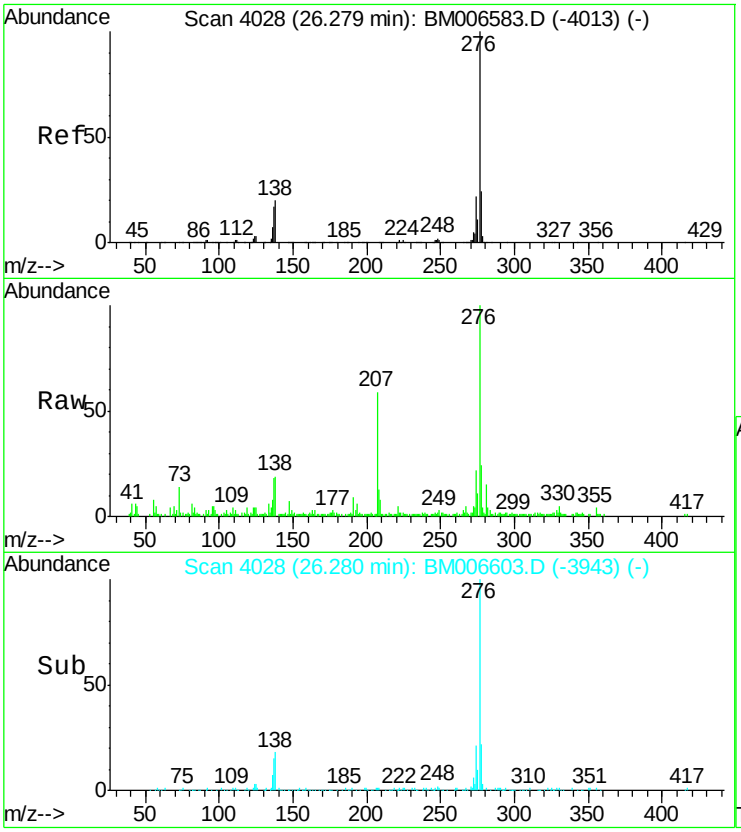


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.51 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Tgt Ion:276 Resp: 168993

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.8	23.6
277	24.1	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.84 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BM006603.D
Acq: 22 Jul 2016 01:16

Instrument :
BNA_M
ClientSampleId :
D9YT7

Tgt Ion:276 Resp: 163677

Ion	Ratio	Lower	Upper
276	100		
138	18.6	13.9	20.9
277	23.8	19.8	29.6