Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006772.D
Acq On : 30 Jul 2016 14:19
Operator : UM/SJ
Sample : H4190-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:25:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	181891	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	812498	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	462819	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.10	188	1079010	20.00	ng/ul	0.09
29) Chrysene-d12	21.21	240	1176737	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1212017	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	8277	1.84	ng/uL	0.00
3) Phenol-d5	6.79	99	320685	20.72	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	218774	22.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	255525	20.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	212714	17.72	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	131130	21.32	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	143481	21.94	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	250980	20.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	309824	22.76	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	804920	22.18	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1026138	22.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	92965	14.75	ng/ul	0.00
21) Fluorene-d10	15.26	176	714183	22.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.50	200	112	0.02	ng/ul	0.10
26) Anthracene-d10	17.10	188	1079010	21.06	ng/ul	0.00
30) Pyrene-d10	19.41	212	1242342	23.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1238507	22.22	ng/ul	-0.01
Target Compounds						Qvalue
31) Pyrene	19.44	202	235592	3.31	ng/ul	97
32) Benzo(a)anthracene	21.19	228	189614	2.66	ng/ul	98
33) Chrysene	21.24	228	171656	2.61	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	265548	3.65	ng/ul	97
36) Benzo(k)fluoranthene	22.75	252	265548	3.78	ng/ul	98
38) Benzo(a)pyrene	23.32	252	192169	2.72	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	141475	1.73	ng/ul	99
41) Benzo(g,h,i)perylene	26.29	276	130341	1.86	ng/ul	98

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

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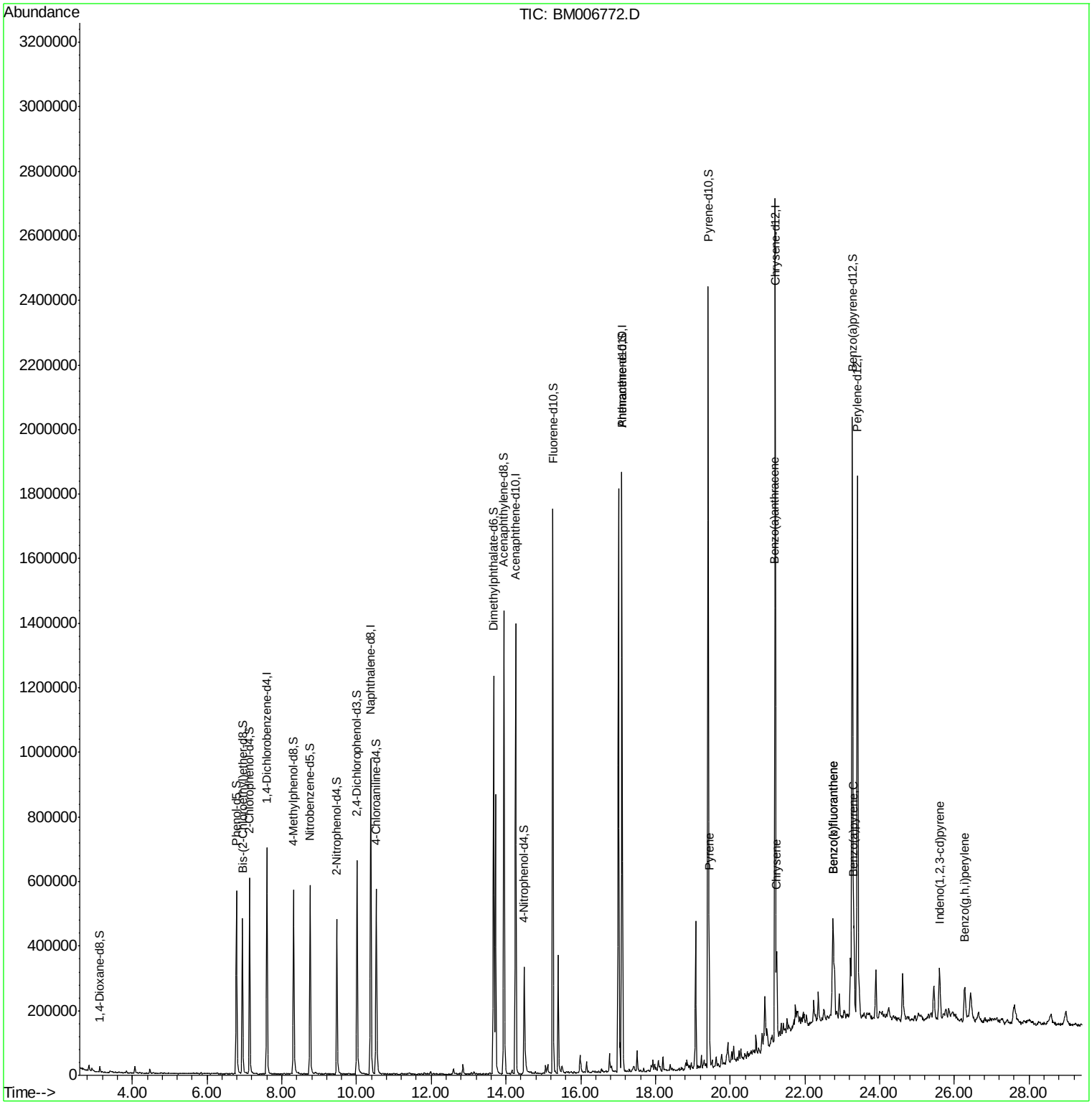
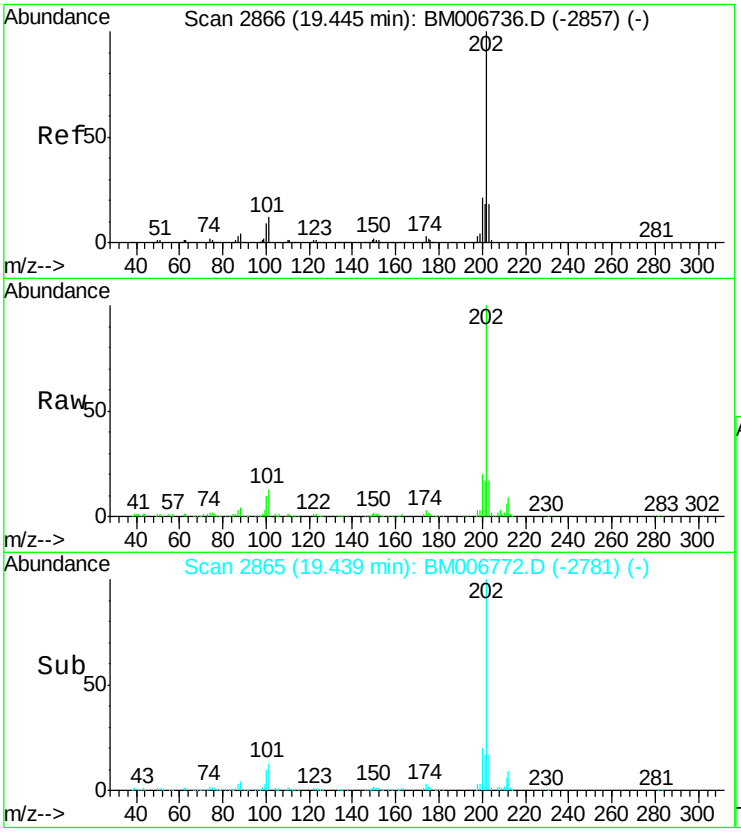


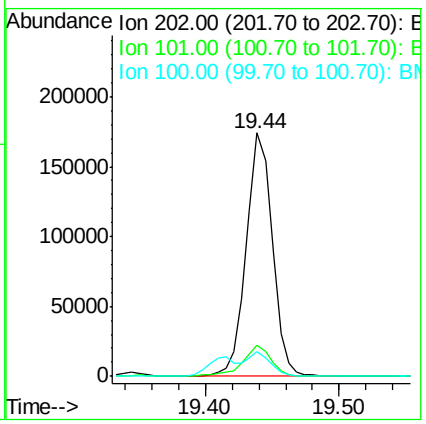


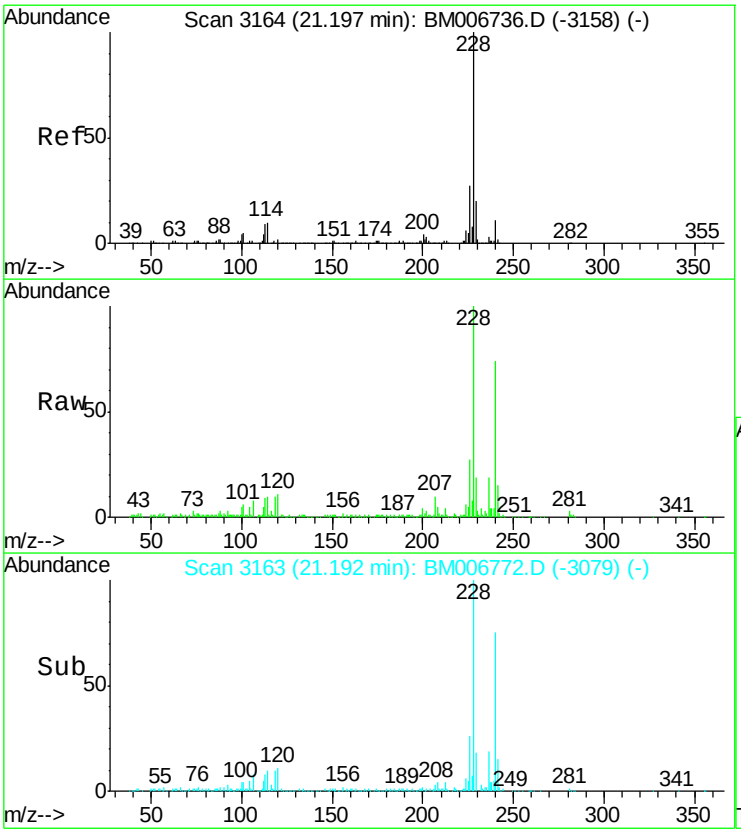
#31
Pyrene
Concen: 3.31 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 235592

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.3	9.3	13.9

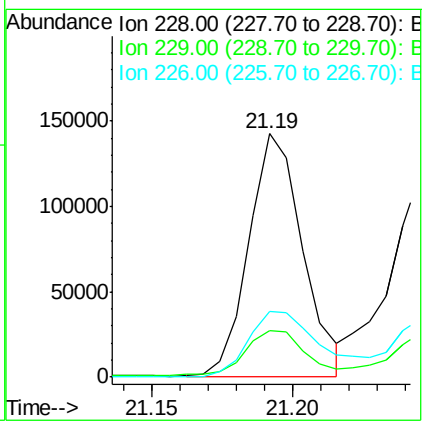


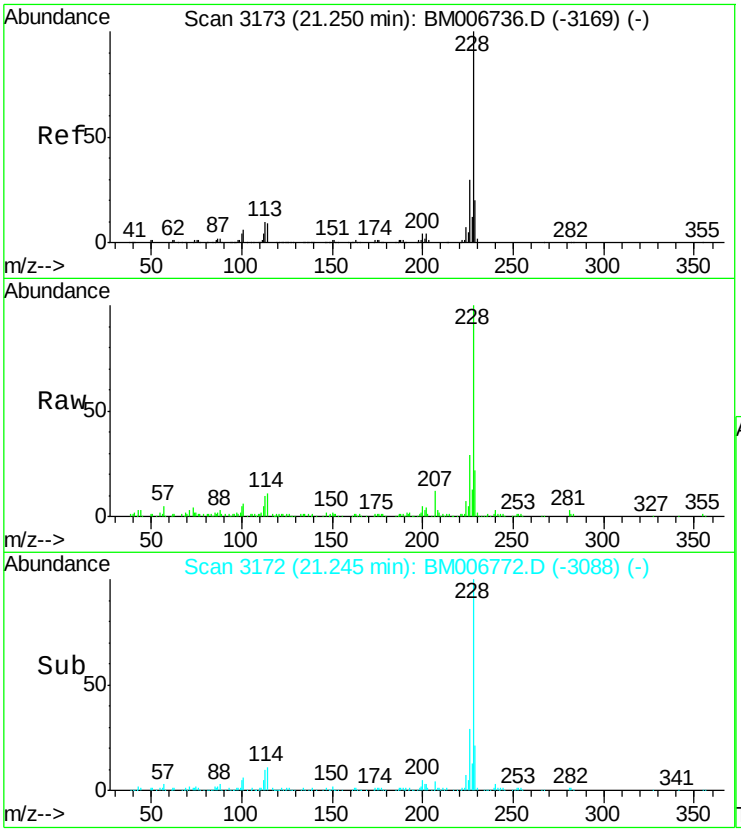


#32
Benzo(a)anthracene
Concen: 2.66 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Tgt Ion:228 Resp: 189614

Ion	Ratio	Lower	Upper
228	100		
229	18.9	16.6	25.0
226	26.8	21.0	31.4



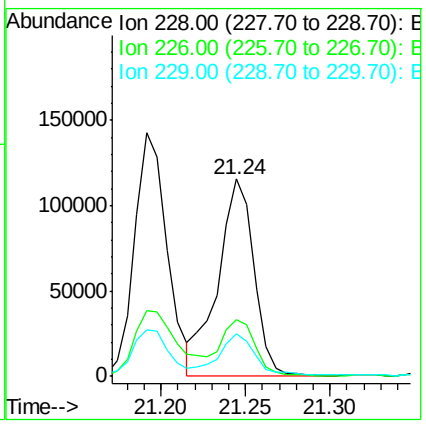


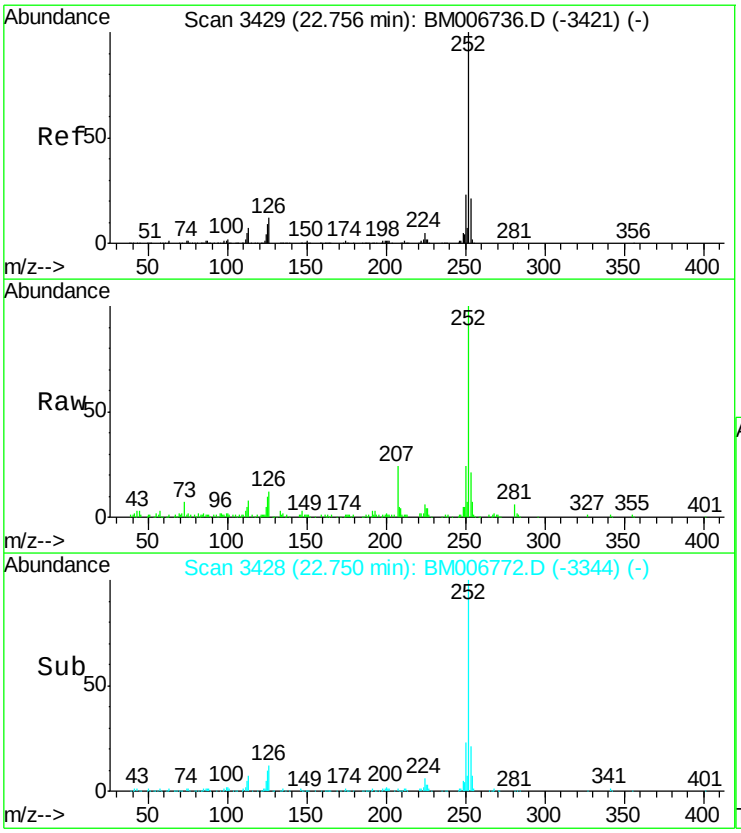
#33
Chrysene
Concen: 2.61 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 171656

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.8	16.2	24.2

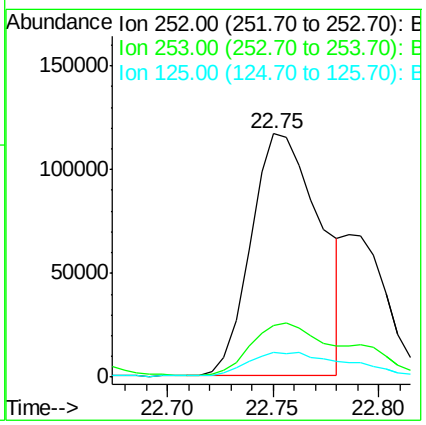


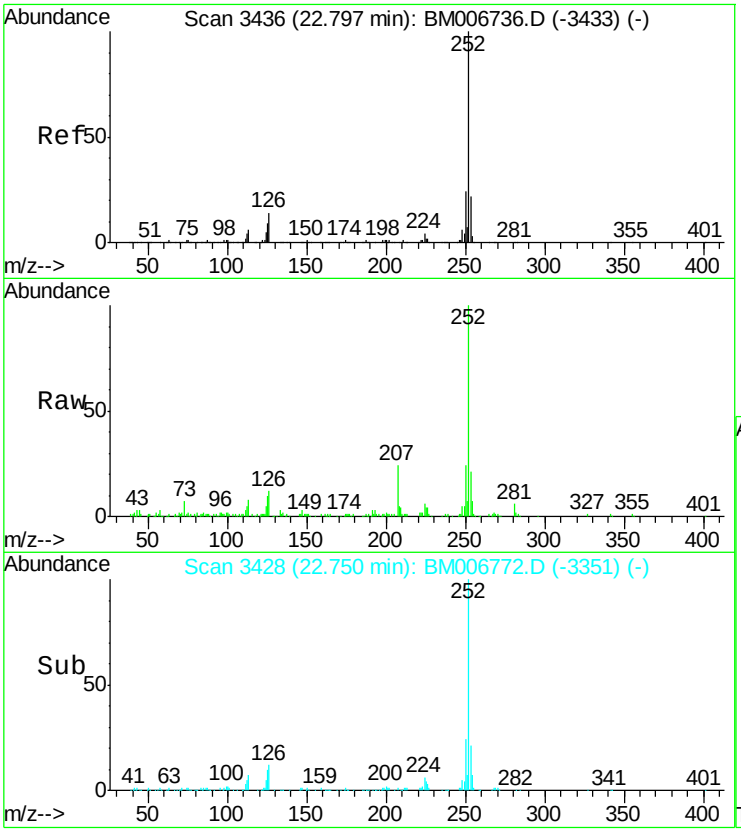


#35
Benzo(b)fluoranthene
Concen: 3.65 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Tgt Ion:252 Resp: 265548

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	10.2	7.6	11.4



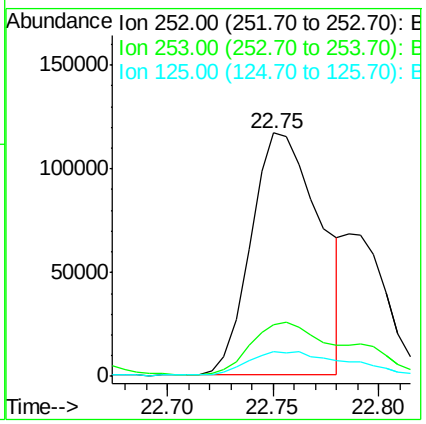


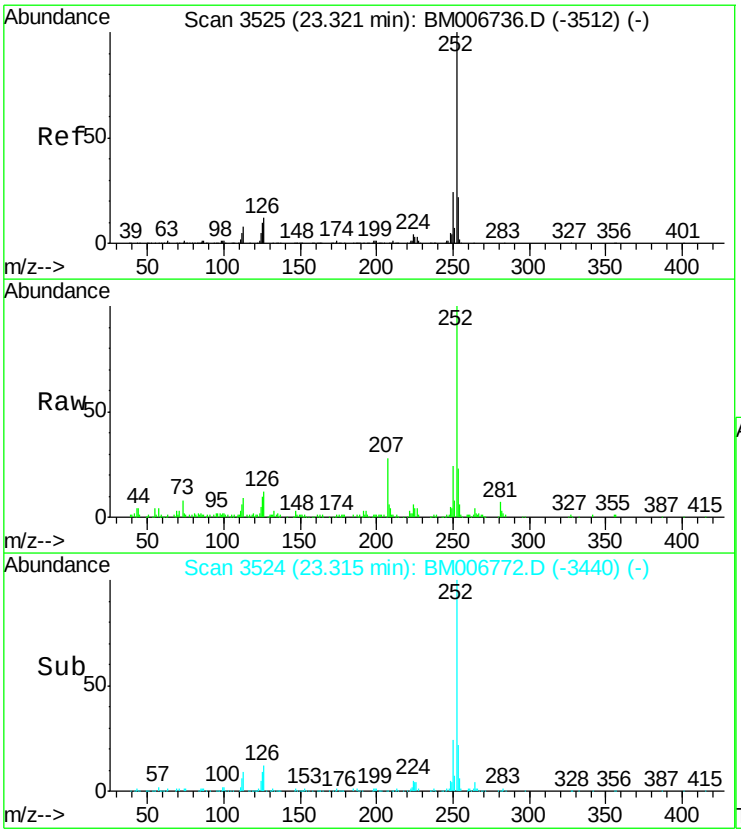
#36
Benzo(k)fluoranthene
Concen: 3.78 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 265548

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	10.2	7.7	11.5

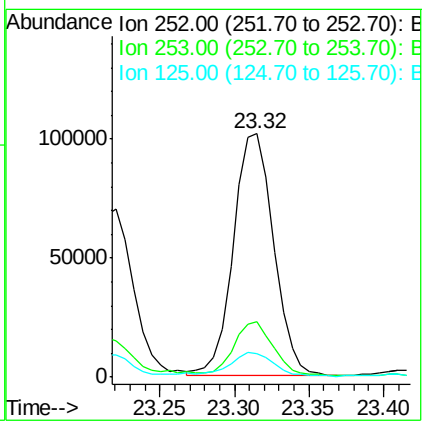


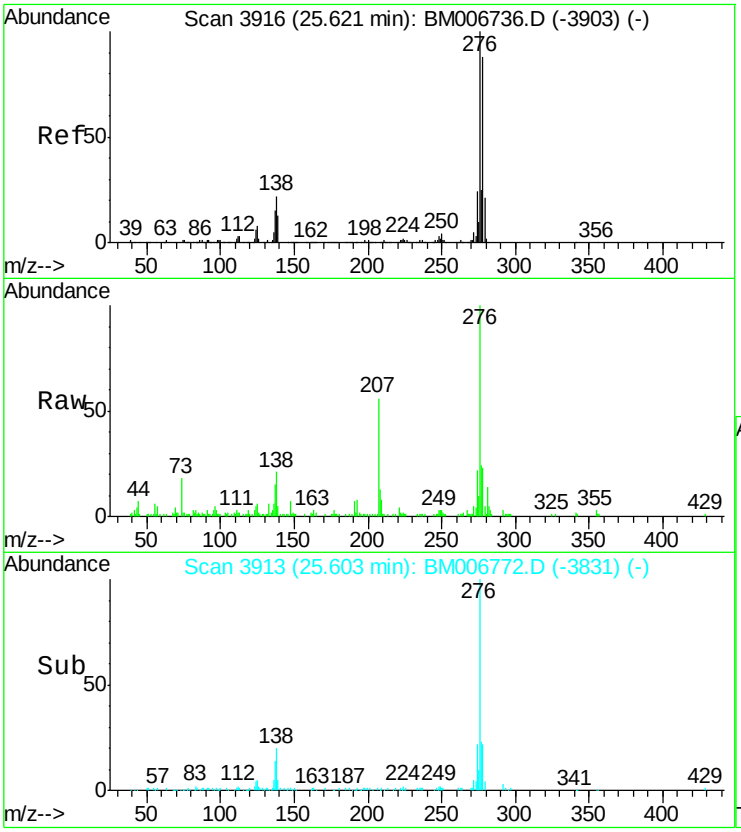


#38
Benzo(a)pyrene
Concen: 2.72 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Tgt Ion:252 Resp: 192169

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.7	8.2	12.2



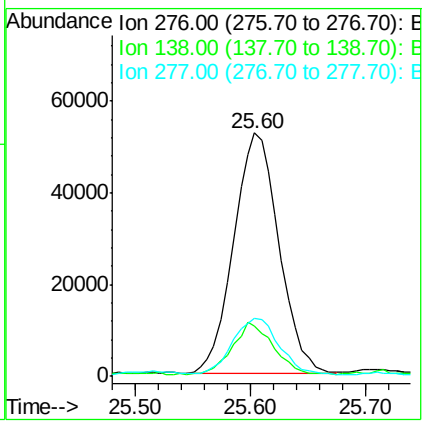


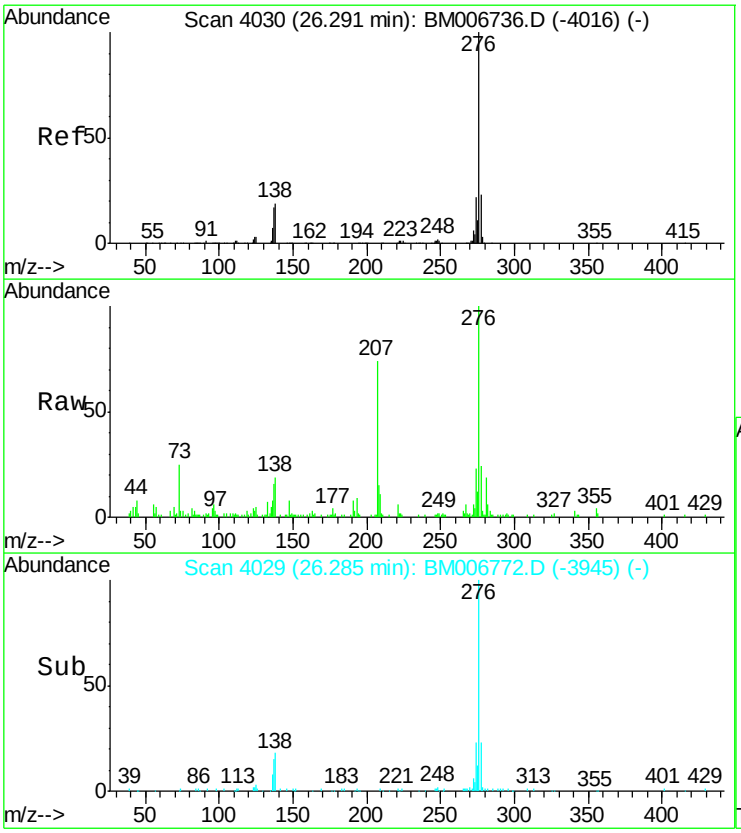
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.73 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 141475

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.8	23.6
277	23.8	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.86 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. -0.01 min
Lab File: BM006772.D
Acq: 30 Jul 2016 14:19

Tgt Ion:276 Resp: 130341

Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.9	20.9
277	24.1	19.8	29.6