Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006760.D
Acq On : 30 Jul 2016 06:21
Operator : UM/SJ
Sample : H4188-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:23:55 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	154703	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	664113	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	380469	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	871549	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1053203	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1098696	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	4889	1.28	ng/uL	0.00
3) Phenol-d5	6.79	99	173091	13.15	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	120340	14.76	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	141294	13.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	127540	12.49	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	68966	13.72	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	77251	14.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	137513	13.61	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	176059	15.82	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	463698	15.54	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	567568	14.91	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	53431	10.31	ng/ul	0.00
21) Fluorene-d10	15.26	176	414217	15.53	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	48599	10.74	ng/ul	0.00
26) Anthracene-d10	17.01	188	871549	21.06	ng/ul	-0.10
30) Pyrene-d10	19.41	212	751922	15.67	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	786372	15.56	ng/ul	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	72919	1.49	ng/ul	99
27) Anthracene	17.05	178	72919	1.44	ng/ul	97
28) Fluoranthene	19.07	202	162475	2.82	ng/ul	99
31) Pyrene	19.44	202	147927	2.32	ng/ul	98
32) Benzo(a)anthracene	21.19	228	114323	1.79	ng/ul	98
33) Chrysene	21.24	228	132930	2.26	ng/ul	97
35) Benzo(b)fluoranthene	22.75	252	239152	3.63	ng/ul	98
36) Benzo(k)fluoranthene	22.75	252	239152	3.76	ng/ul	99
38) Benzo(a)pyrene	23.31	252	164128	2.56	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	132884	1.79	ng/ul	99
41) Benzo(g,h,i)perylene	26.28	276	116511	1.83	ng/ul	95

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

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Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 04:23:55 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
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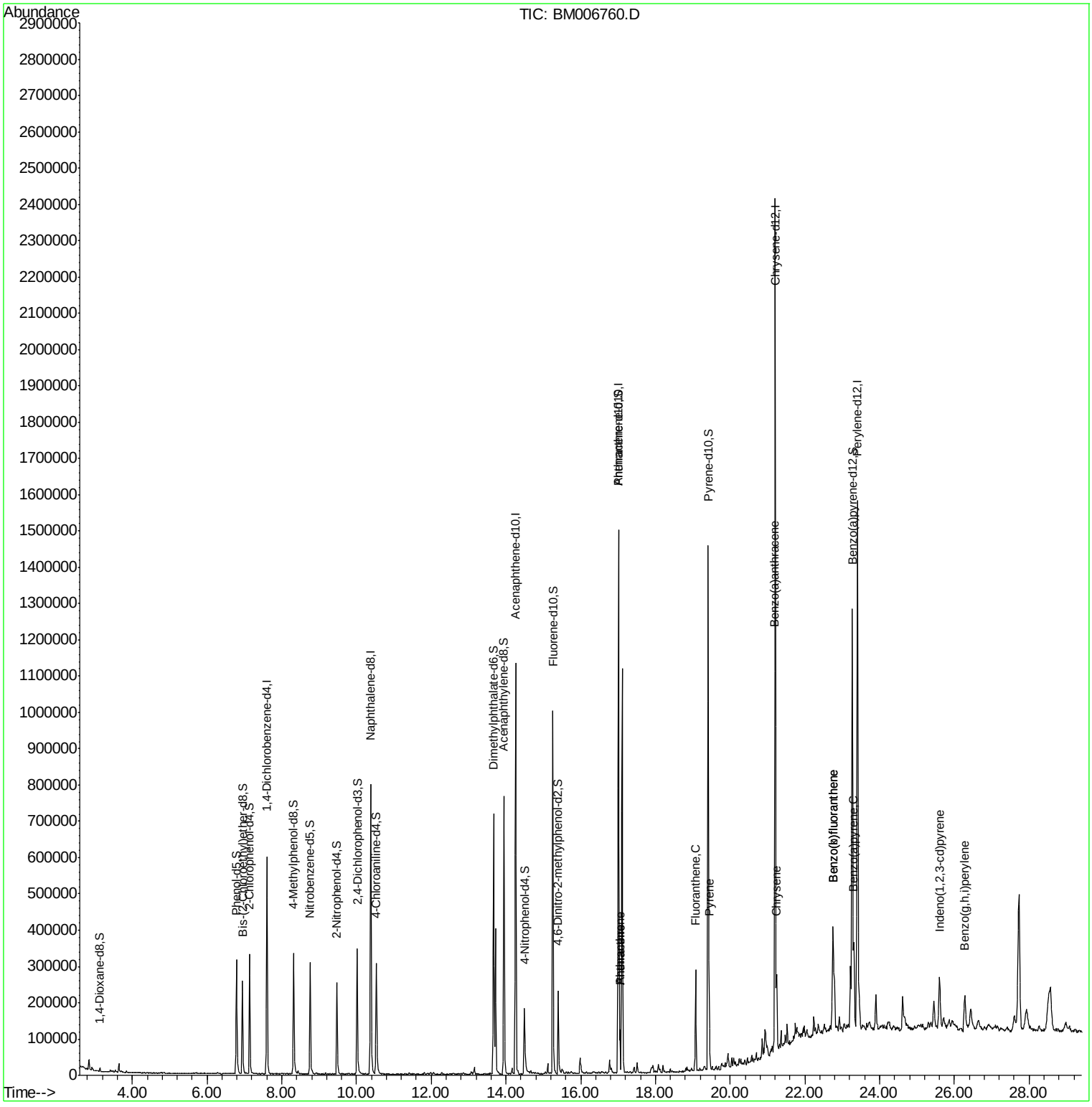
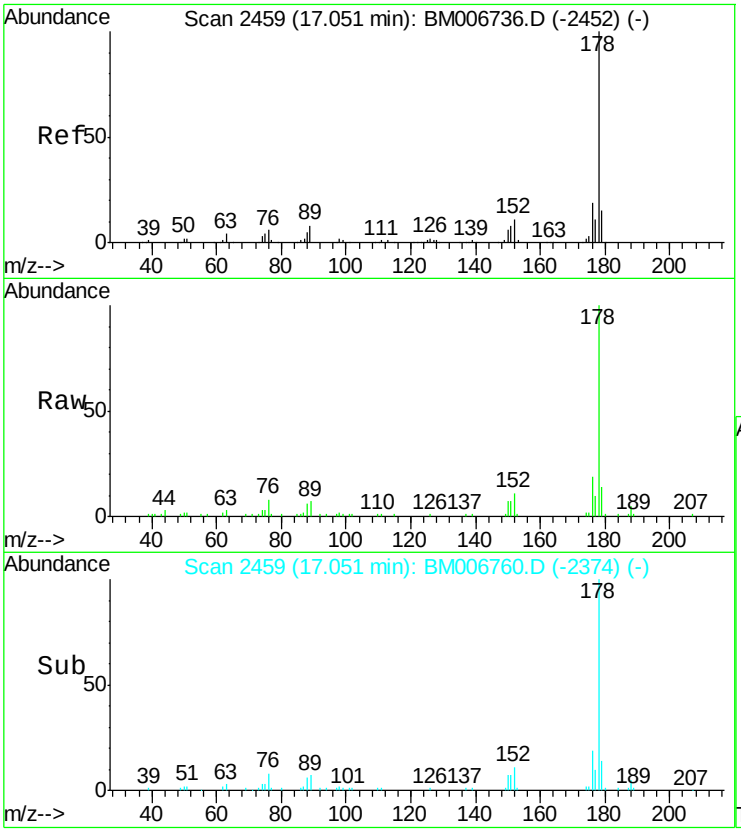


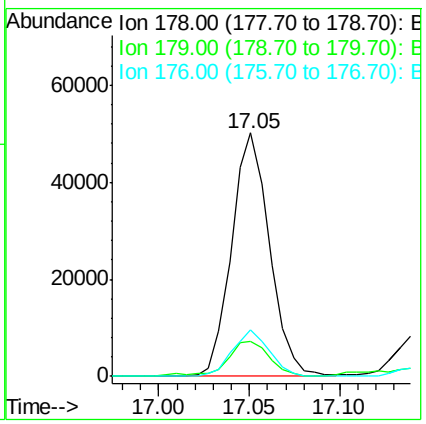


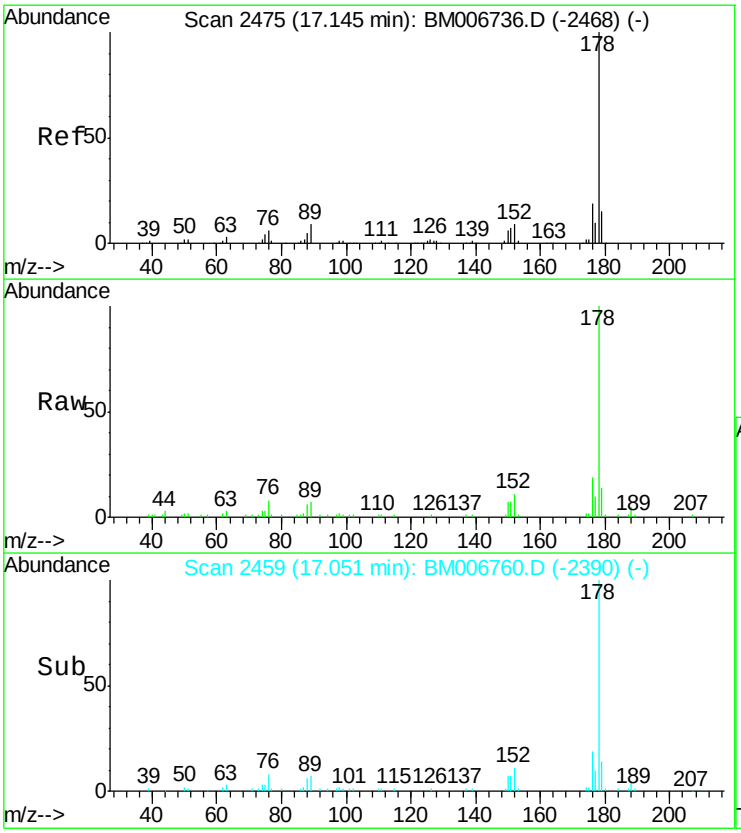
#25
Phenanthrene
Concen: 1.49 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 72919

Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.8	17.8
176	19.0	14.8	22.2

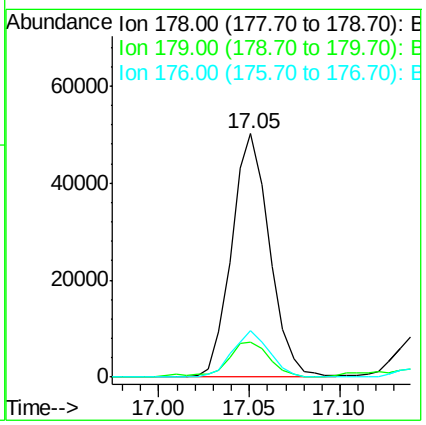


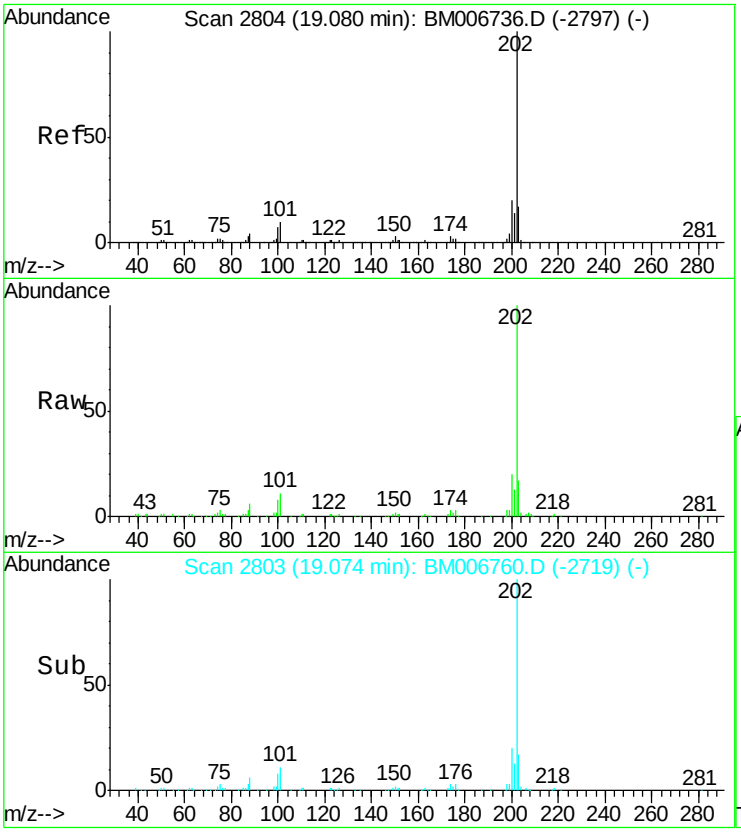


#27
Anthracene
Concen: 1.44 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.09 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Tgt Ion:178 Resp: 72919

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.9	19.3
176	19.0	15.6	23.4



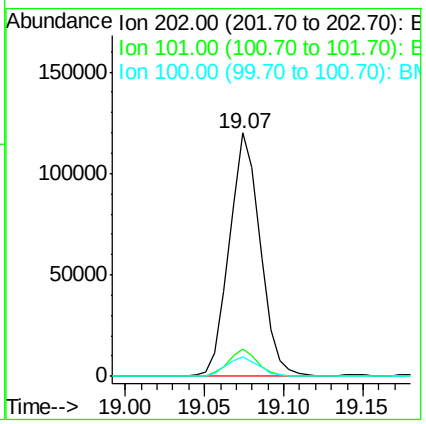


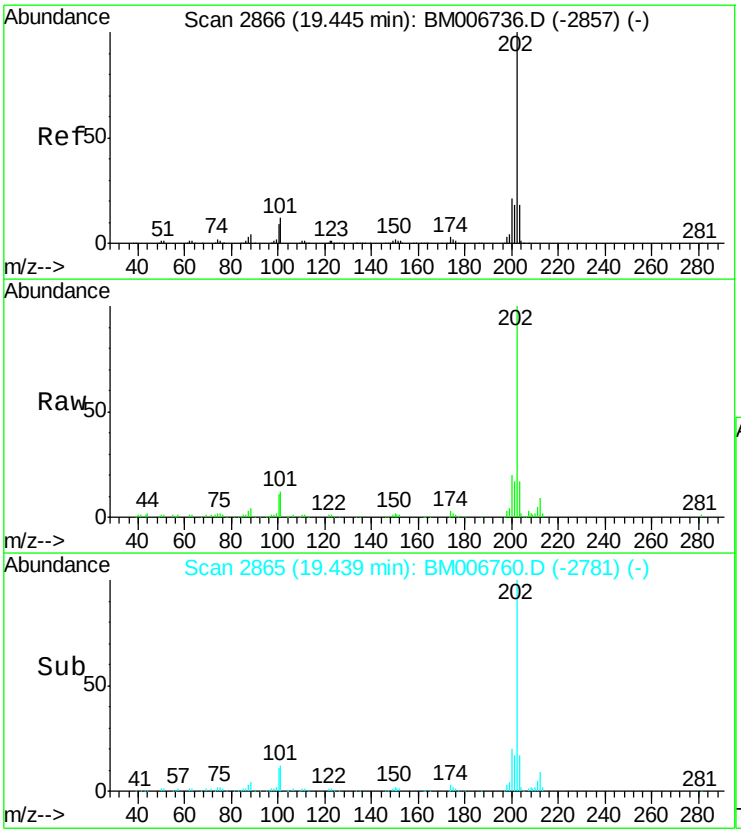
#28
Fluoranthene
Concen: 2.82 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 162475

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	7.8	7.0	10.4

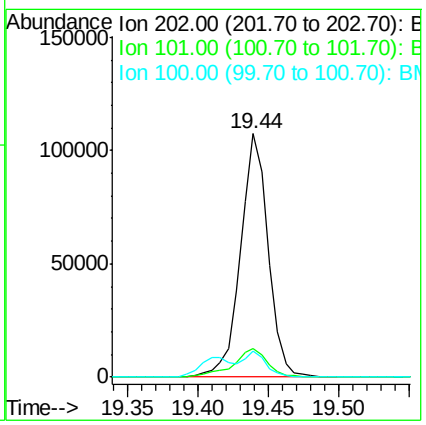


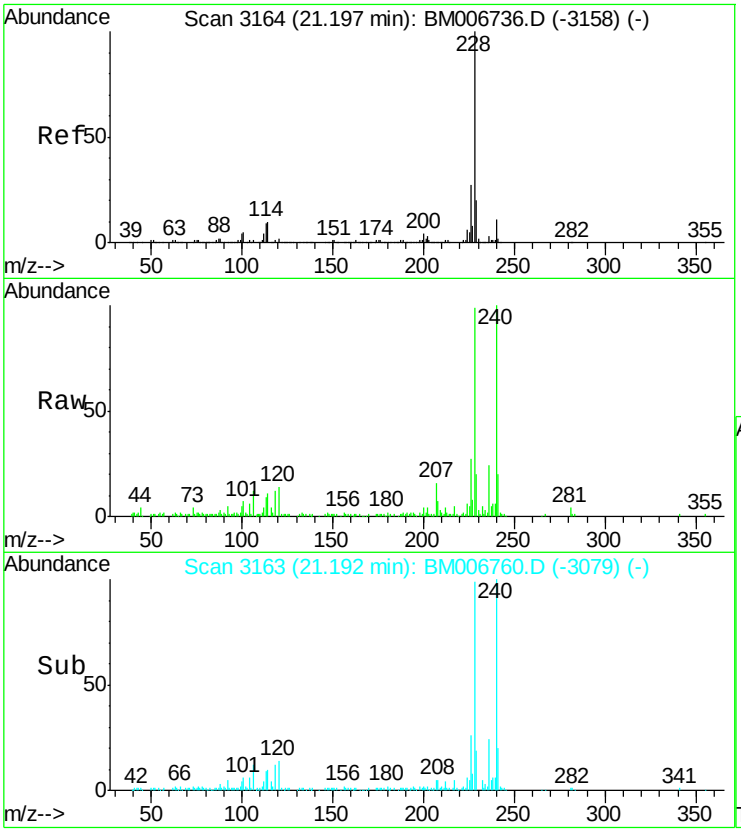


#31
Pyrene
Concen: 2.32 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Tgt Ion:202 Resp: 147927

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.8
100	10.8	9.3	13.9



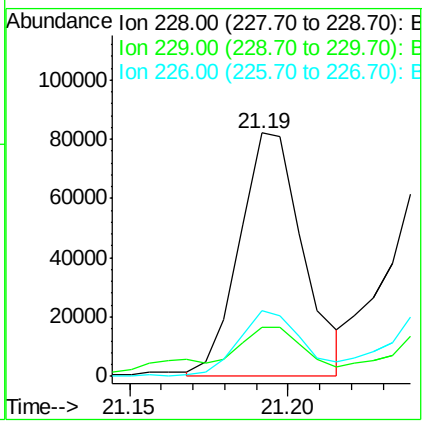


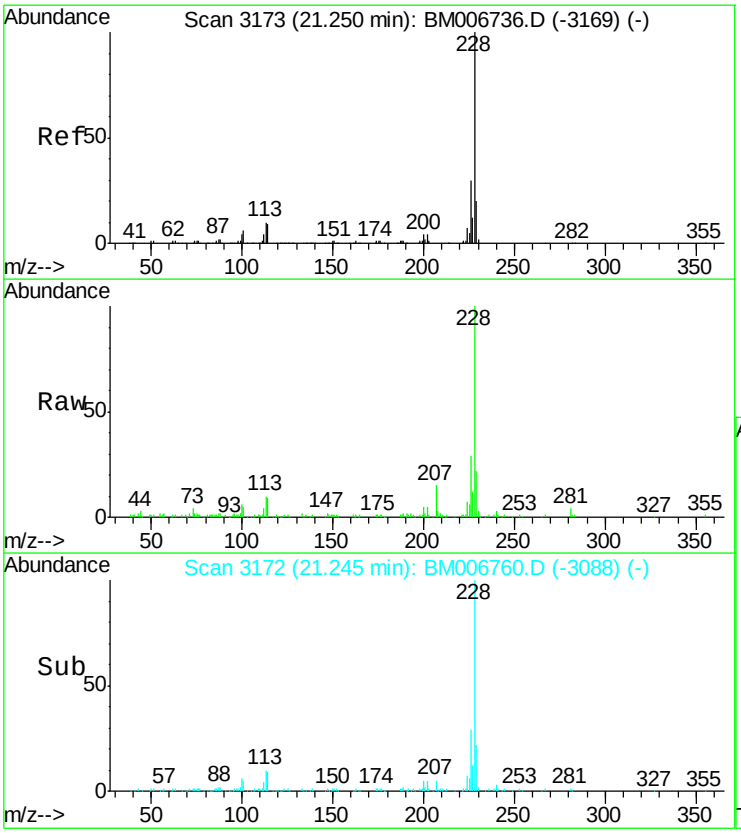
#32
Benzo(a)anthracene
Concen: 1.79 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 114323

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	27.1	21.0	31.4

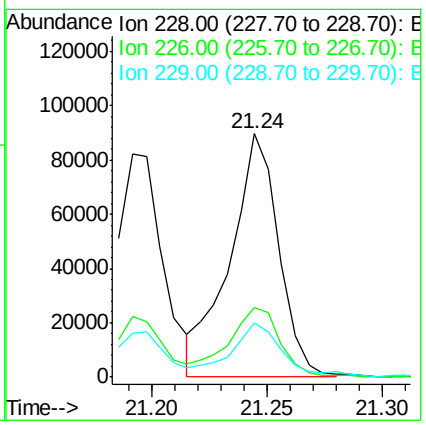


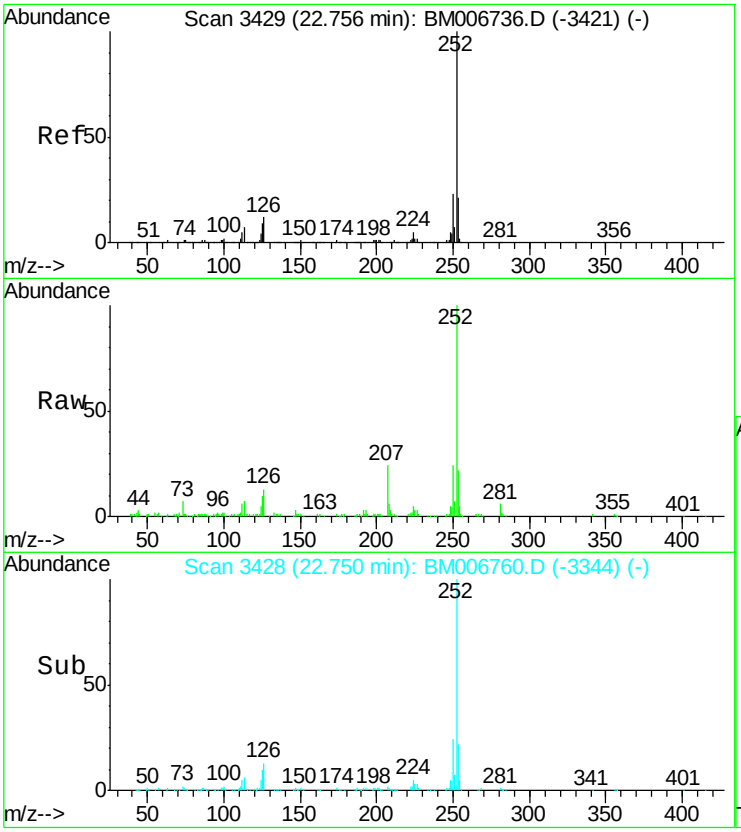


#33
Chrysene
Concen: 2.26 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Tgt Ion:228 Resp: 132930

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	22.3	16.2	24.2



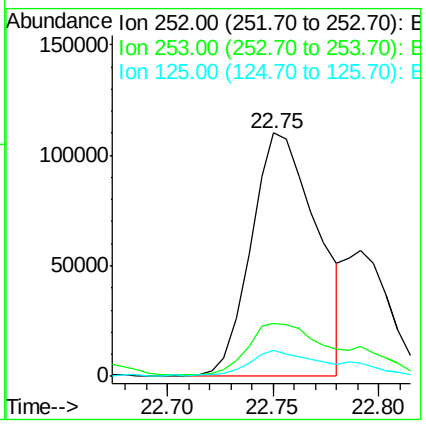


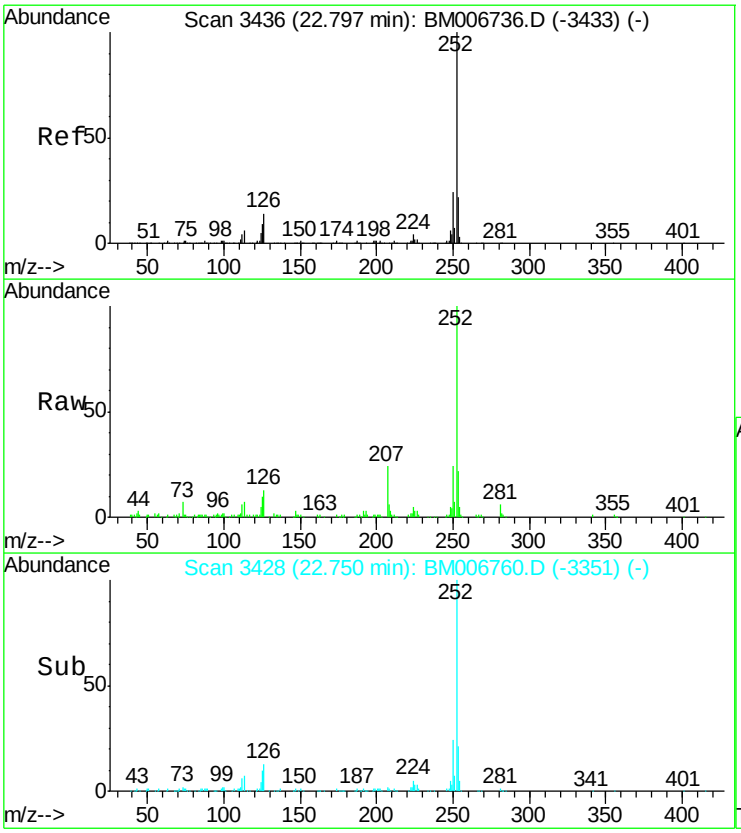
#35
Benzo(b)fluoranthene
Concen: 3.63 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 239152

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.5	7.6	11.4

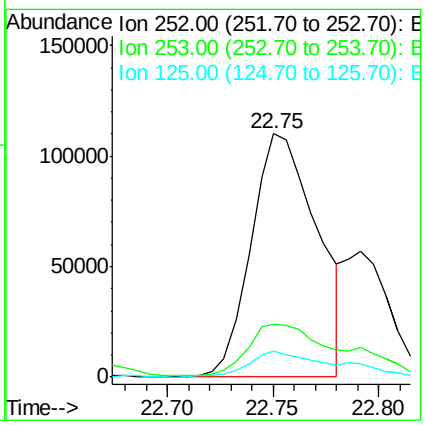


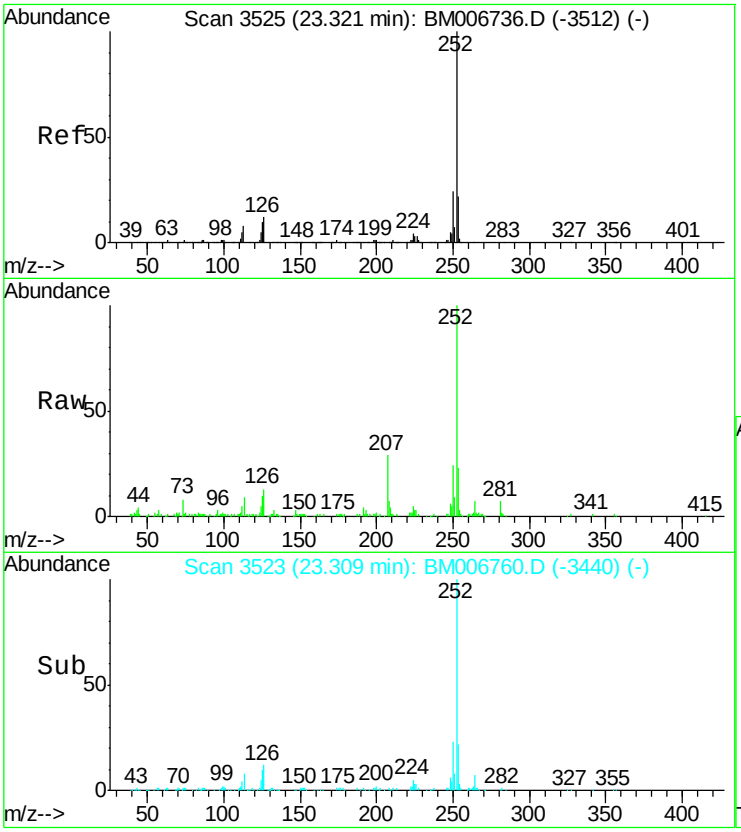


#36
Benzo(k)fluoranthene
Concen: 3.76 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Tgt Ion:252 Resp: 239152

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.5	7.7	11.5



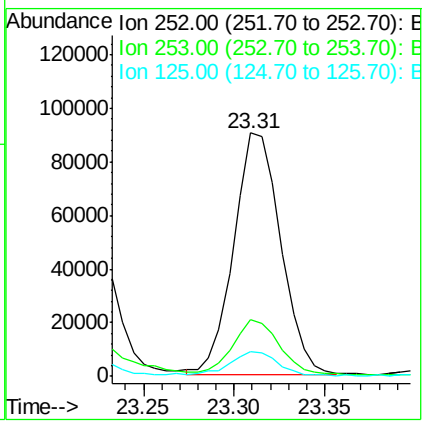


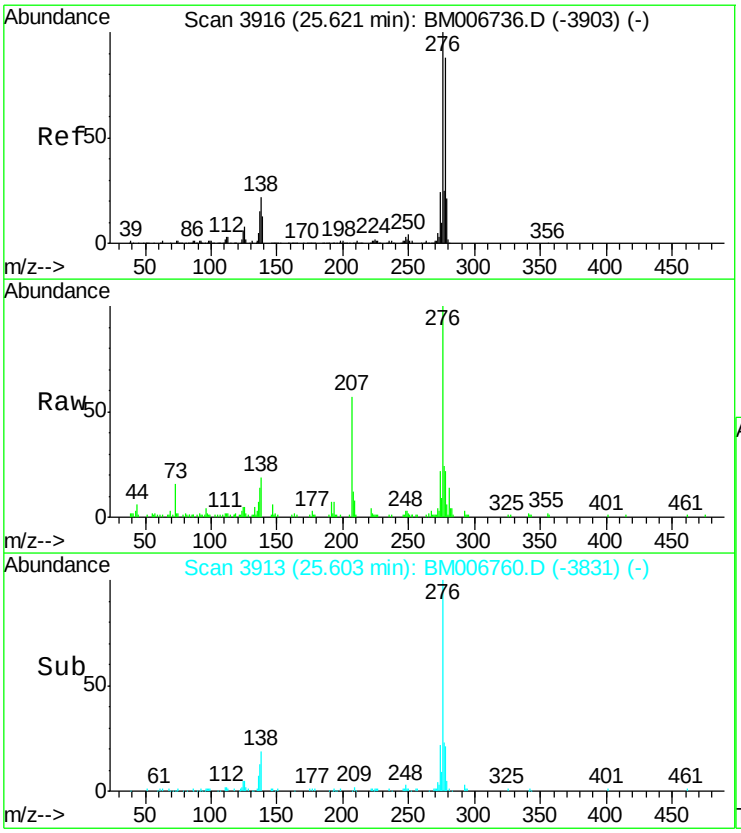
#38
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 23.31 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 164128

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	10.0	8.2	12.2

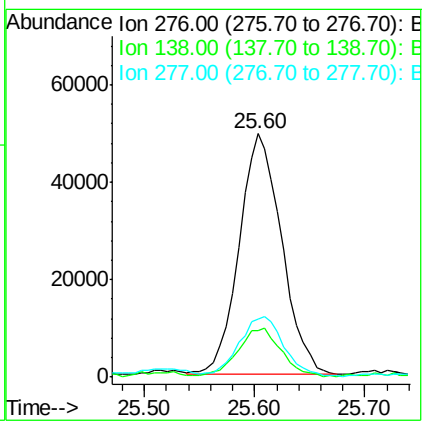


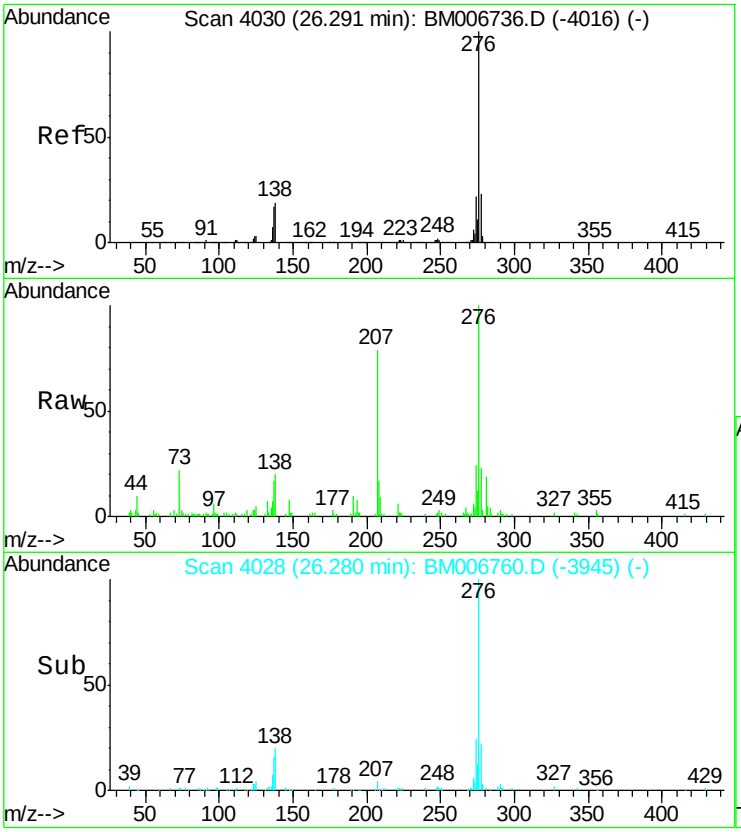


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Tgt Ion:276 Resp: 132884

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.8	23.6
277	23.8	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.83 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM006760.D
Acq: 30 Jul 2016 06:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 116511

Ion	Ratio	Lower	Upper
276	100		
138	20.4	13.9	20.9
277	22.9	19.8	29.6