Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006762.D
Acq On : 30 Jul 2016 07:35
Operator : UM/SJ
Sample : H4188-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:24:13 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	174672	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	762190	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	444106	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1015313	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1210878	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1282162	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5552	1.29	ng/uL	0.00
3) Phenol-d5	6.79	99	213809	14.39	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	145017	15.75	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	178220	15.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	154502	13.41	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	86667	15.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	95588	15.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	165669	14.29	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	232664	18.22	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	547567	15.73	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	685756	15.43	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	62801	10.38	ng/ul	0.00
21) Fluorene-d10	15.26	176	492944	15.83	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	53868	10.22	ng/ul	0.00
26) Anthracene-d10	17.11	188	741991	15.39	ng/ul	0.00
30) Pyrene-d10	19.41	212	901267	16.33	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	959349	16.27	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	67405	1.18	ng/ul	97
27) Anthracene	17.05	178	67405	1.15	ng/ul	99
28) Fluoranthene	19.07	202	279010	4.16	ng/ul	97
31) Pyrene	19.44	202	290845	3.97	ng/ul	98
32) Benzo(a)anthracene	21.20	228	272381	3.71	ng/ul	99
33) Chrysene	21.24	228	354092	5.23	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	667977	8.69	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	667977	8.99	ng/ul	98
38) Benzo(a)pyrene	23.31	252	484875	6.48	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.60	276	378721	4.37	ng/ul	98
41) Benzo(g,h,i)perylene	26.28	276	356964	4.81	ng/ul	96

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

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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Quant Title : SVOA CALIBRATION
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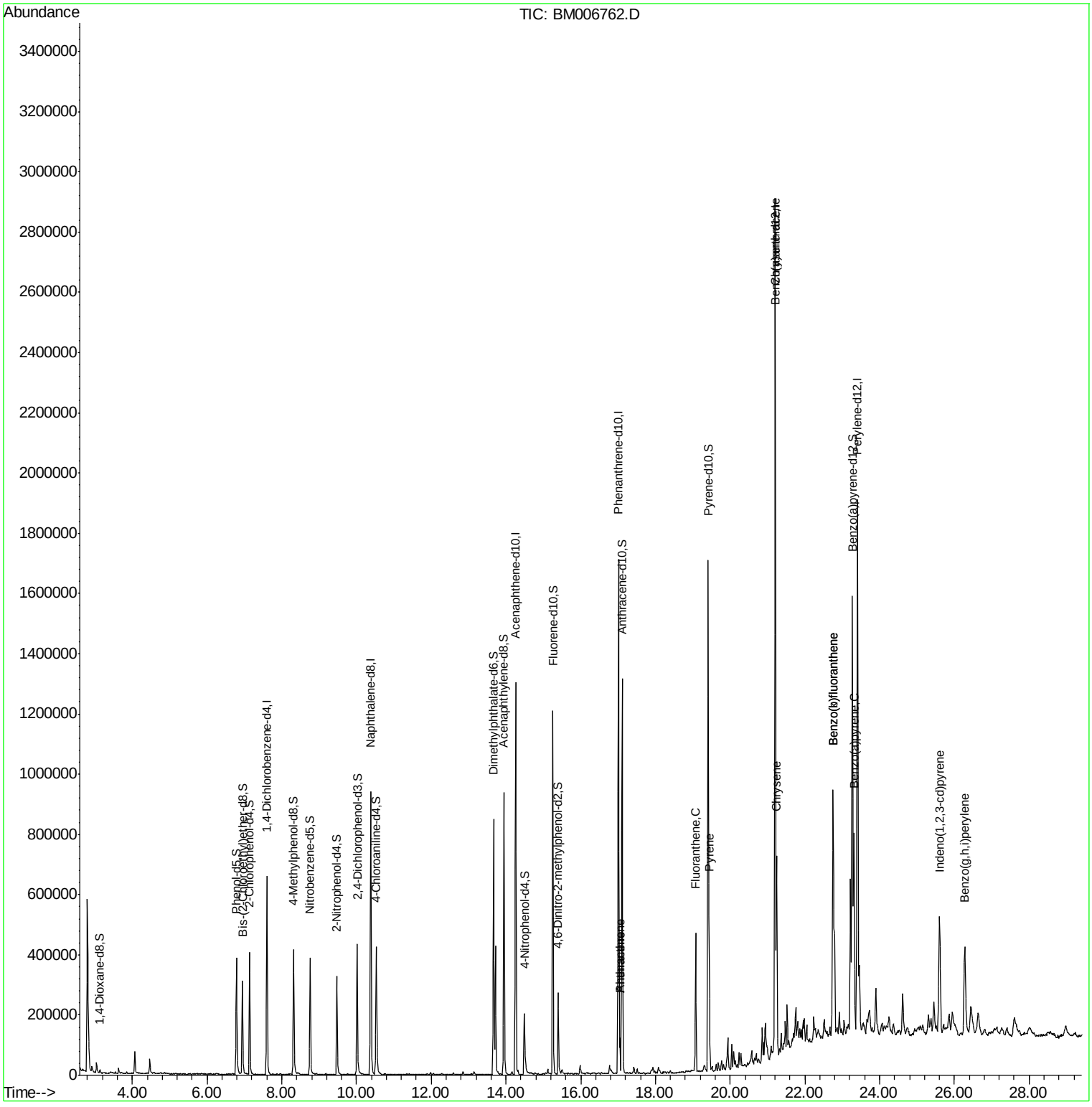
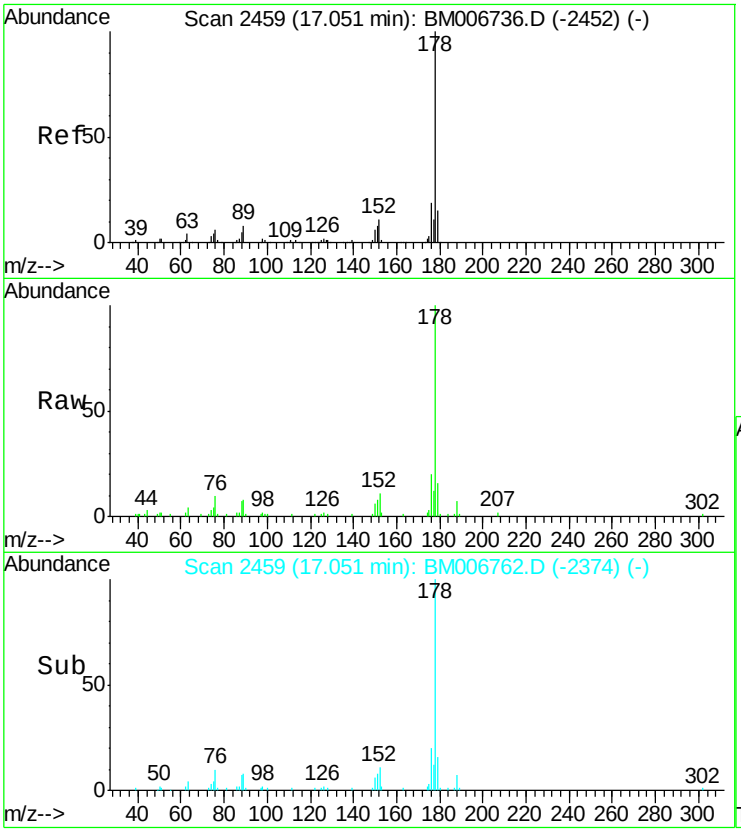


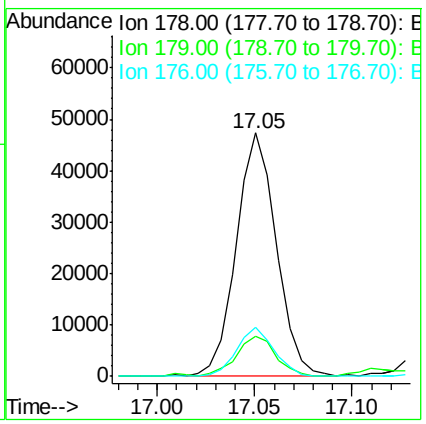


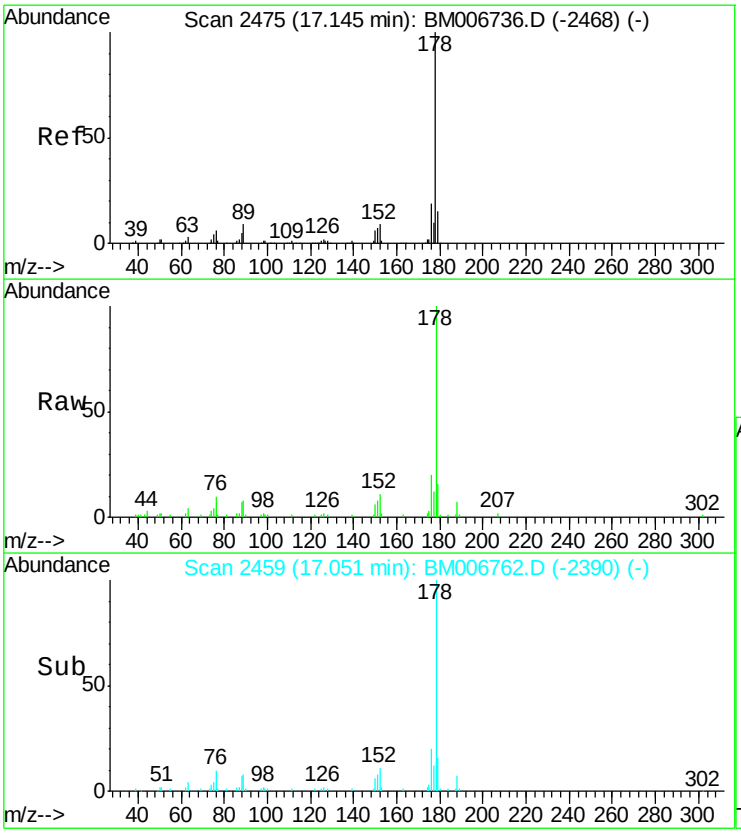
#25
Phenanthrene
Concen: 1.18 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 67405

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	20.0	14.8	22.2

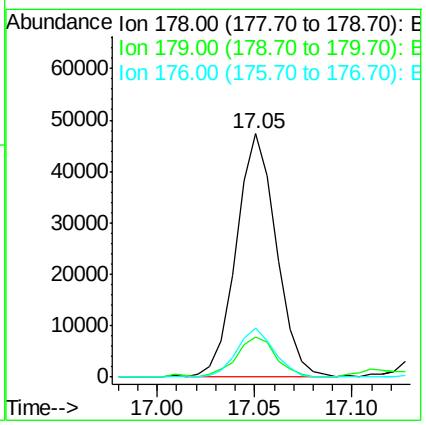


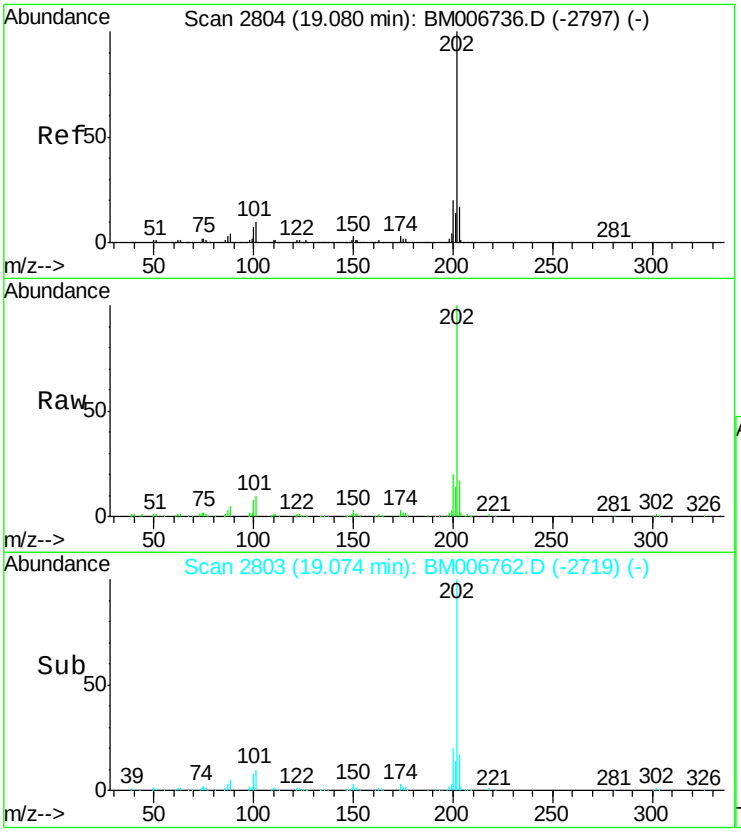


#27
Anthracene
Concen: 1.15 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.09 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion:178 Resp: 67405

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.0	15.6	23.4



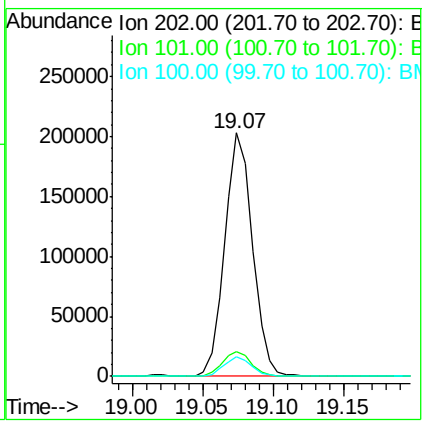


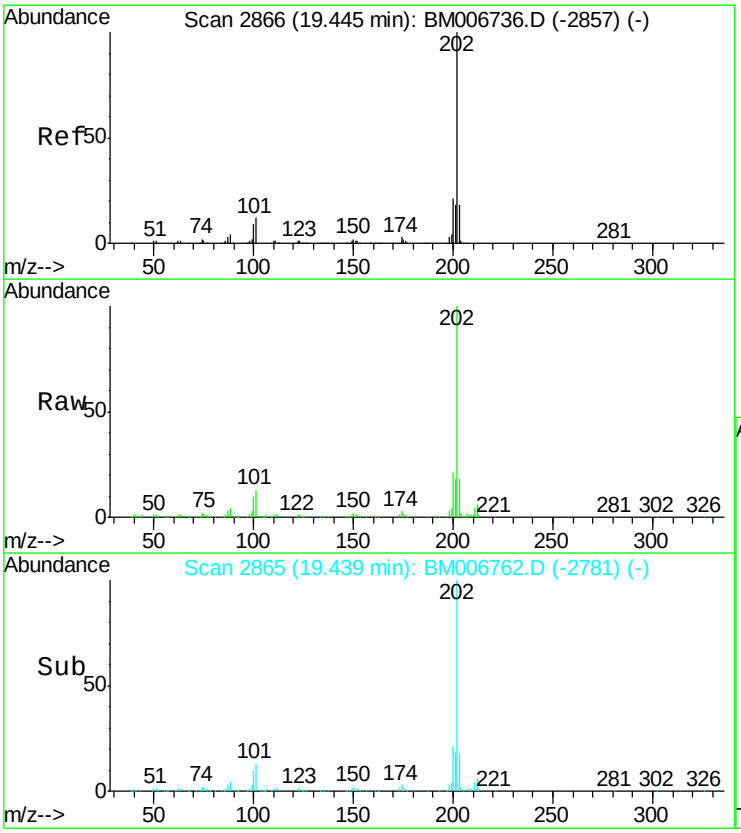
#28
Fluoranthene
Concen: 4.16 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 279010

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.9	13.3
100	7.8	7.0	10.4

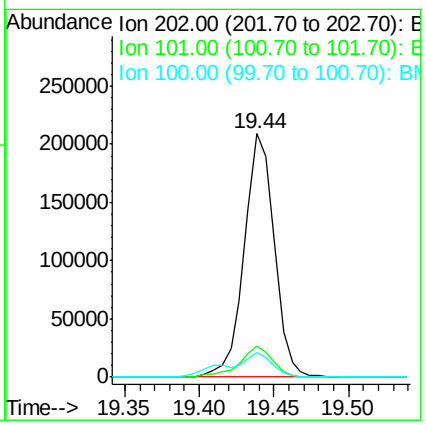


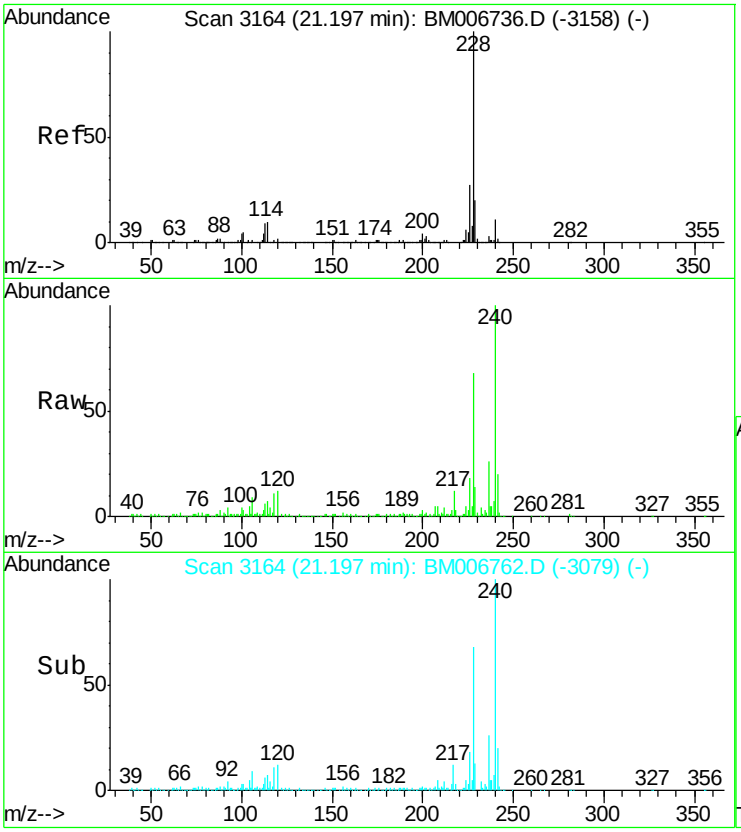


#31
Pyrene
Concen: 3.97 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion:202 Resp: 290845

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
100	10.1	9.3	13.9



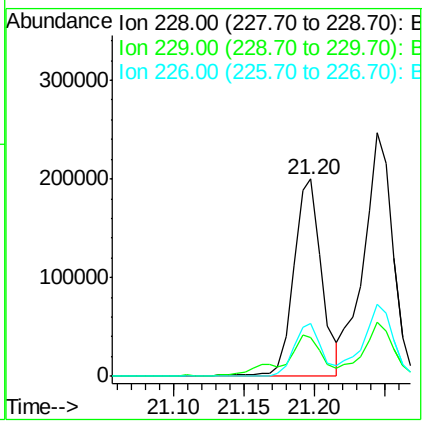


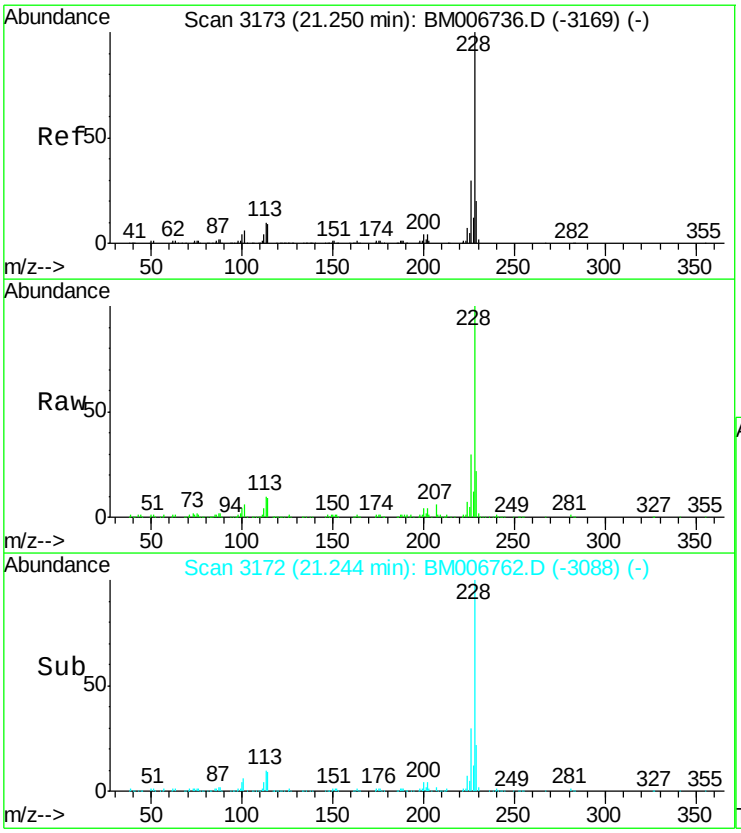
#32
Benzo(a)anthracene
Concen: 3.71 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 272381

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	26.8	21.0	31.4

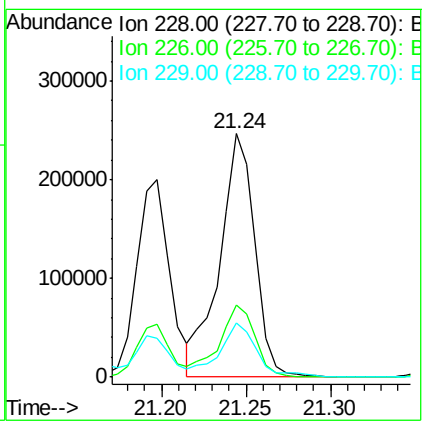


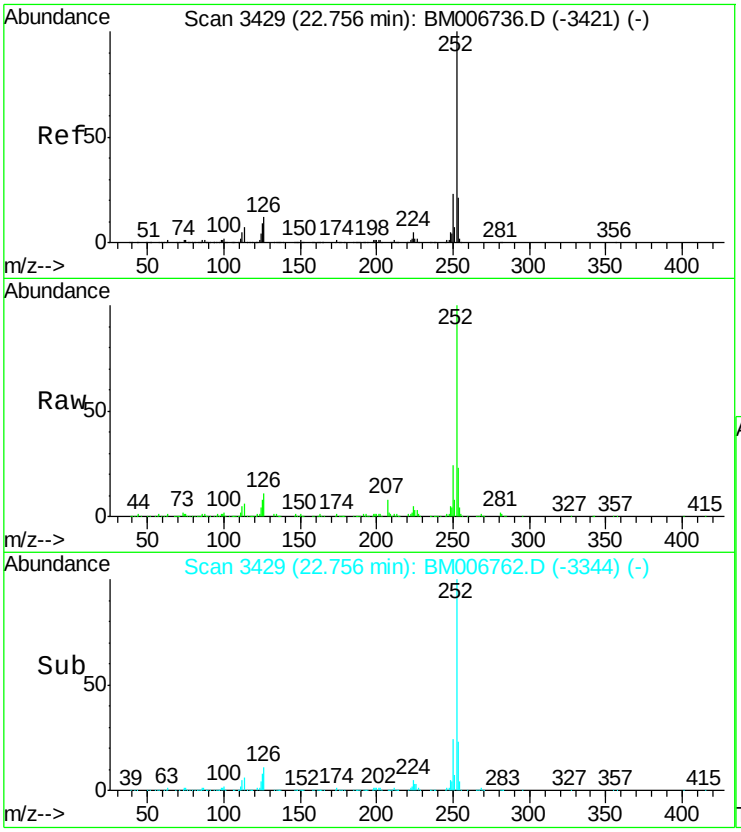


#33
Chrysene
Concen: 5.23 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion:228 Resp: 354092

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.3	16.2	24.2



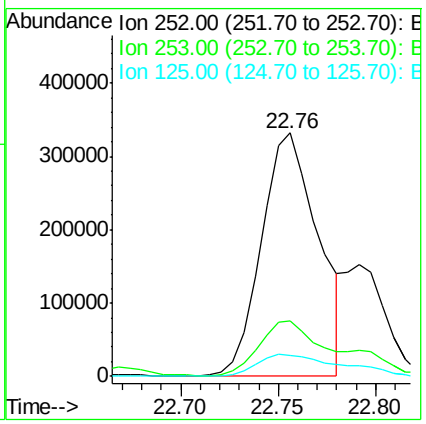


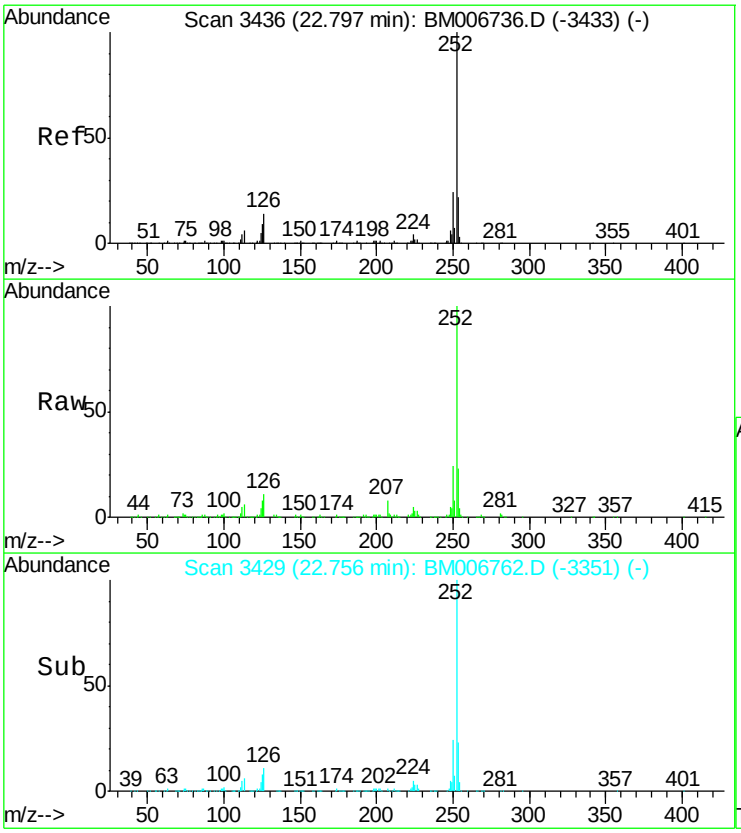
#35
Benzo(b)fluoranthene
Concen: 8.69 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 667977

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	8.5	7.6	11.4

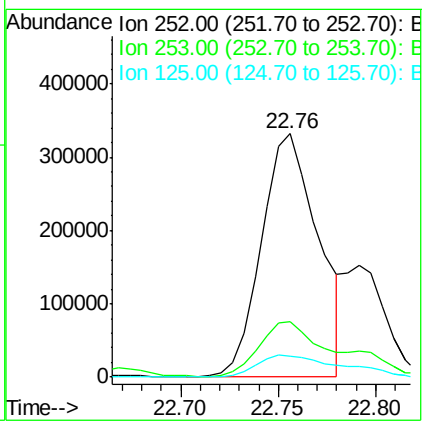


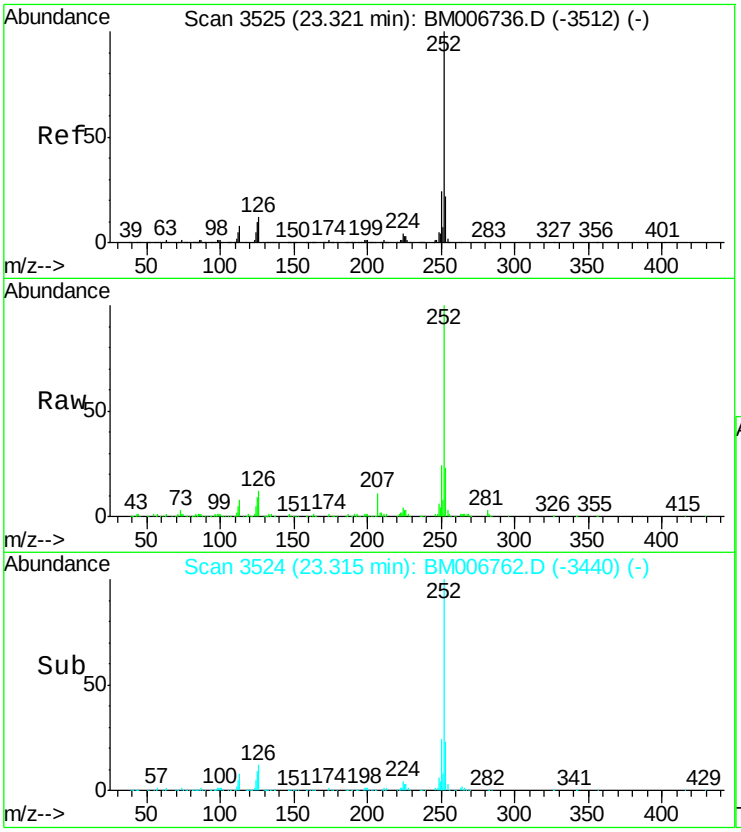


#36
Benzo(k)fluoranthene
Concen: 8.99 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion:252 Resp: 667977

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.5	7.7	11.5



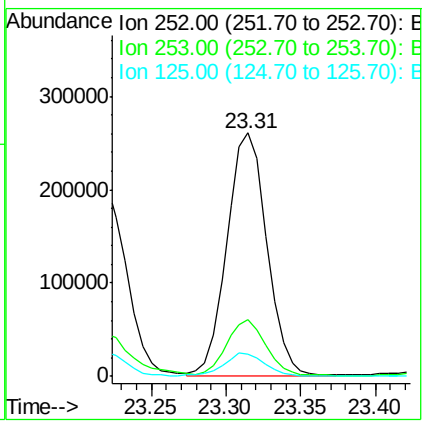


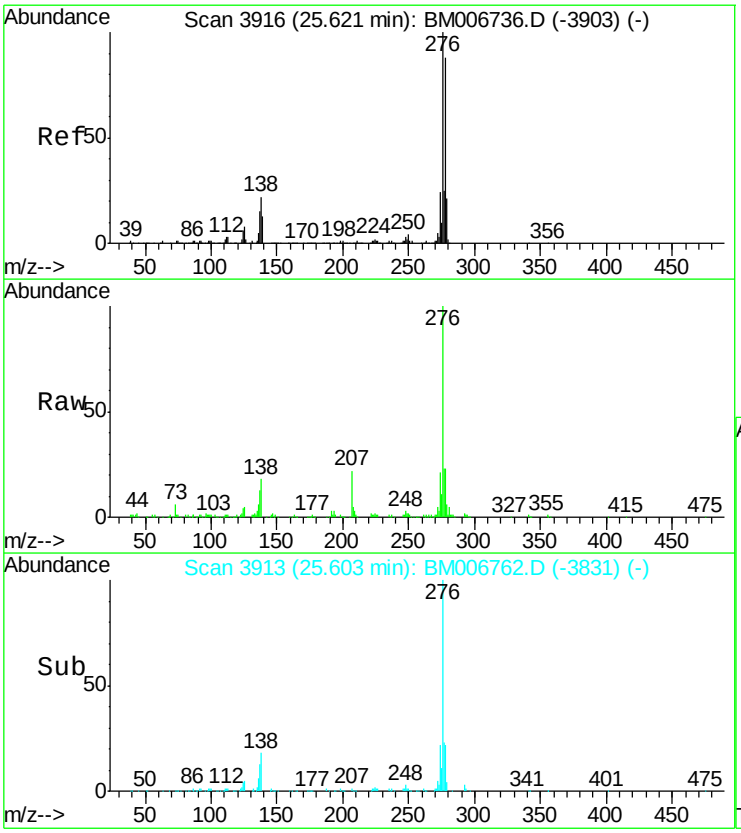
#38
Benzo(a)pyrene
Concen: 6.48 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 484875

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	9.1	8.2	12.2

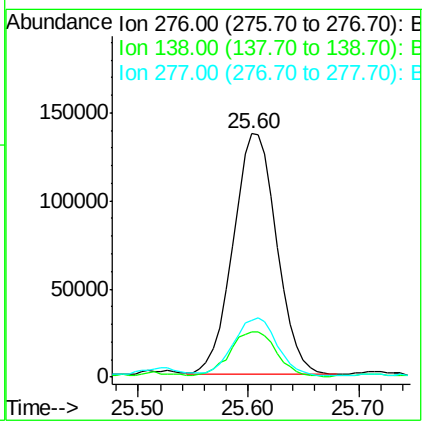


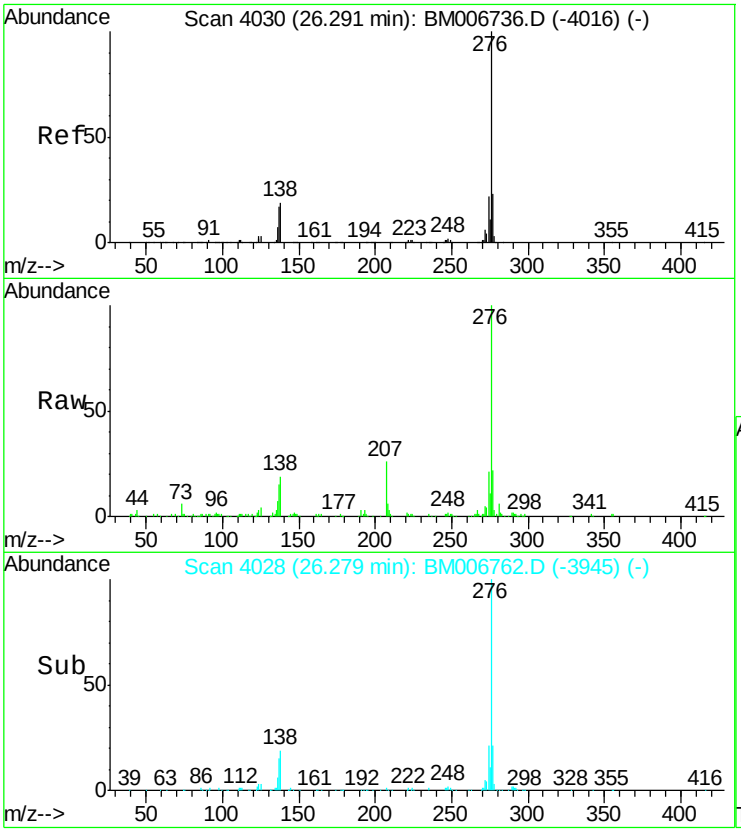


#39
Indeno(1,2,3-cd)pyrene
Concen: 4.37 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Tgt Ion:276 Resp: 378721

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.8	23.6
277	23.4	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 4.81 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM006762.D
Acq: 30 Jul 2016 07:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 356964

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.9	20.9
277	22.1	19.8	29.6