Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006782.D
Acq On : 31 Jul 2016 10:41
Operator : UM/SJ
Sample : H4188-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:26:44 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	189170	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	826699	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	473140	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1053330	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1171882	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1210572	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6302	1.35	ng/uL	0.00
3) Phenol-d5	6.79	99	237078	14.73	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	160409	16.09	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	190934	14.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	147731	11.84	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	94847	15.16	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	105132	15.80	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	188152	14.96	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	189890	13.71	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	586576	15.81	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	752468	15.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	60583	9.40	ng/ul	0.00
21) Fluorene-d10	15.25	176	533653	16.08	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	63672	11.65	ng/ul	0.00
26) Anthracene-d10	17.10	188	800179	16.00	ng/ul	0.00
30) Pyrene-d10	19.41	212	935139	17.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	923957	16.59	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	98370	1.66	ng/ul	99
28) Fluoranthene	19.07	202	271045	3.89	ng/ul	100
31) Pyrene	19.44	202	259826	3.66	ng/ul	97
32) Benzo(a)anthracene	21.19	228	219852	3.10	ng/ul	98
33) Chrysene	21.24	228	271678	4.15	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	536648	7.40	ng/ul	100
36) Benzo(k)fluoranthene	22.76	252	536648	7.65	ng/ul	100
38) Benzo(a)pyrene	23.31	252	333896	4.73	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	281152	3.44	ng/ul	98
40) Dibenzo(a,h)anthracene	25.61	278	75782	1.12	ng/ul	93
41) Benzo(g,h,i)perylene	26.29	276	223741	3.19	ng/ul	98

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

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Instrument :
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ClientSampleId :

Quant Time: Aug 01 04:26:44 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
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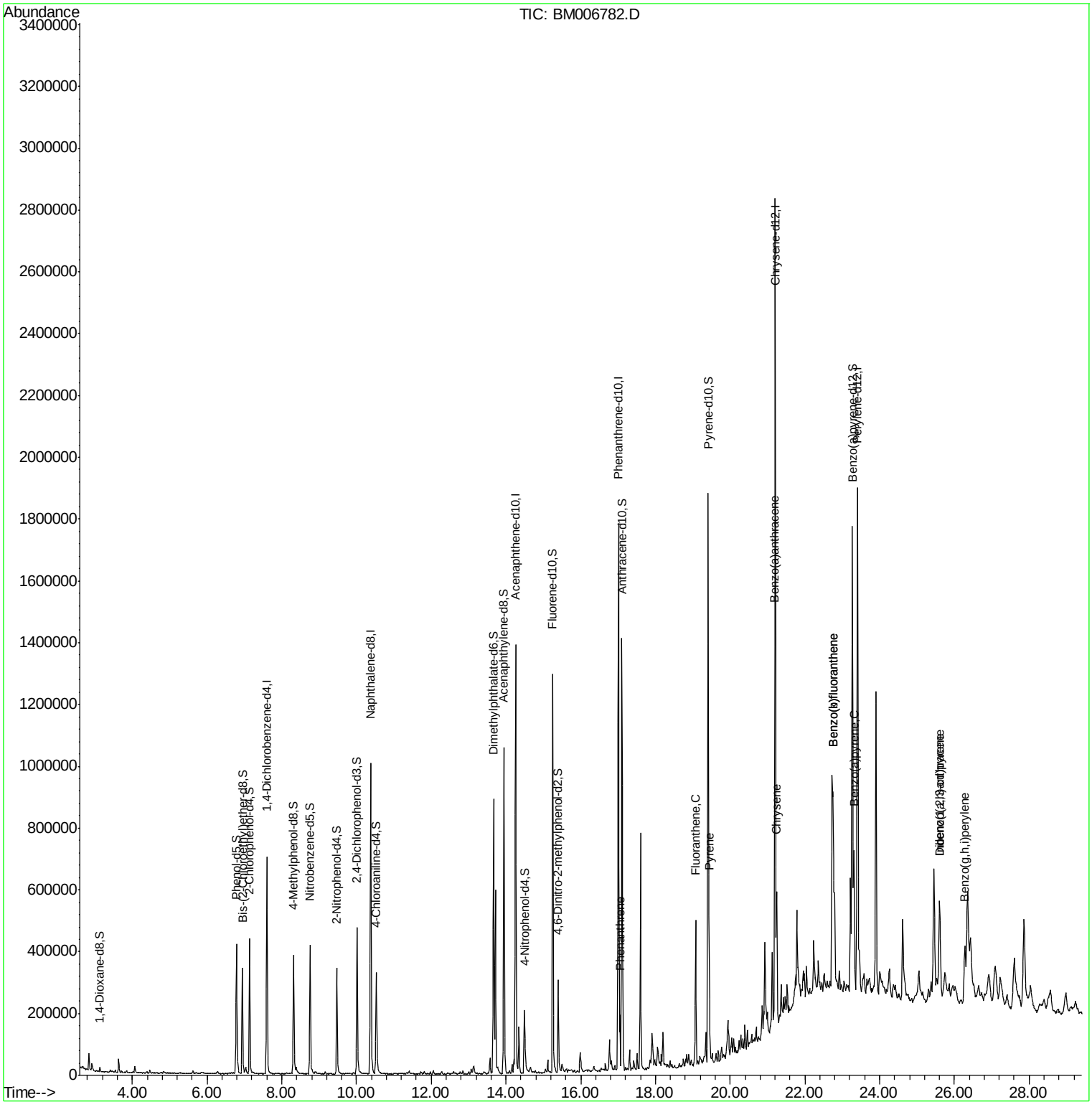
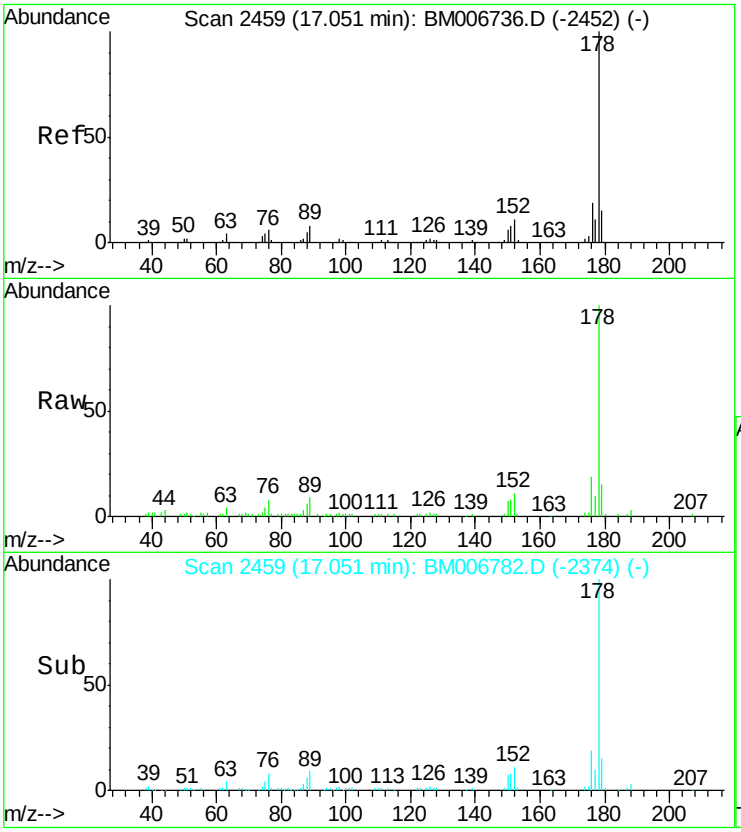


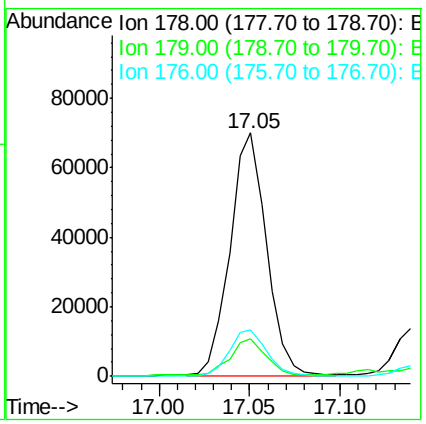


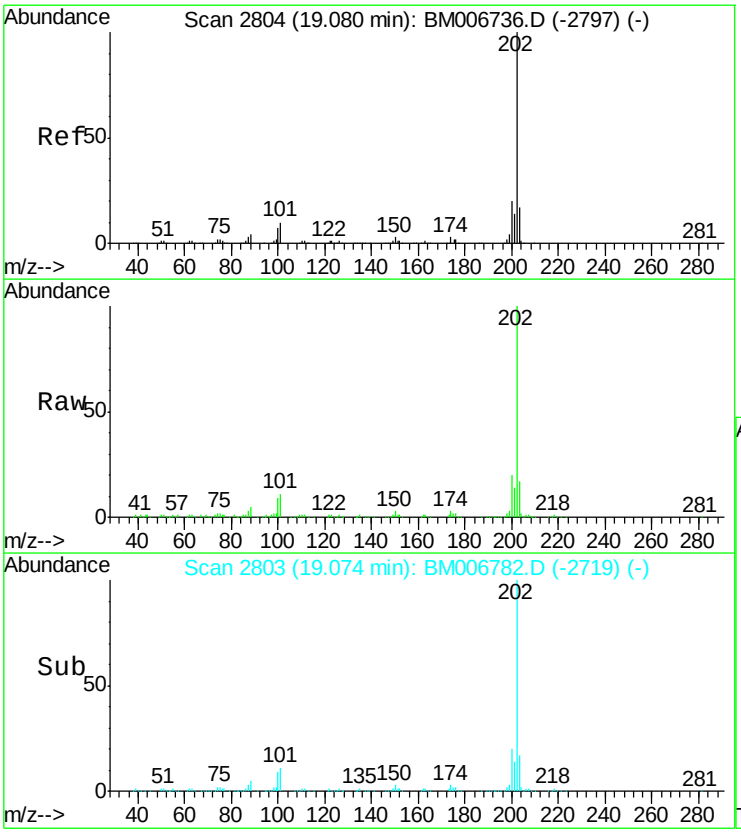
#25
Phenanthrene
Concen: 1.66 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 98370

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.2	14.8	22.2

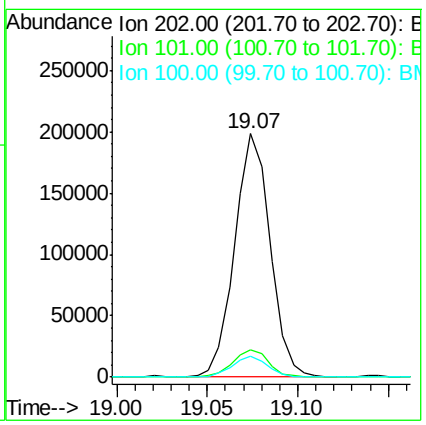


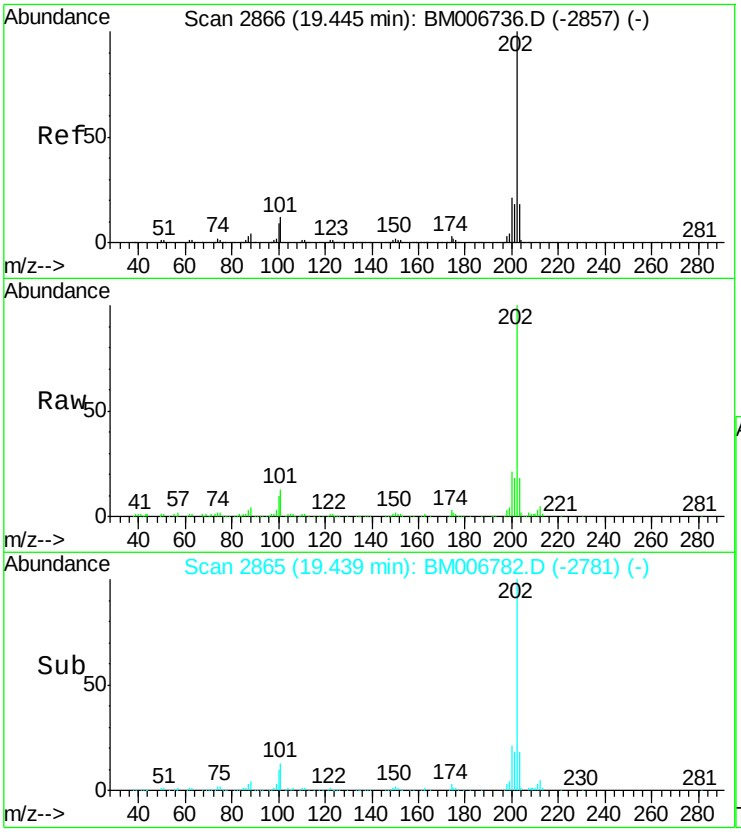


#28
Fluoranthene
Concen: 3.89 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Tgt Ion:202 Resp: 271045

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	8.7	7.0	10.4



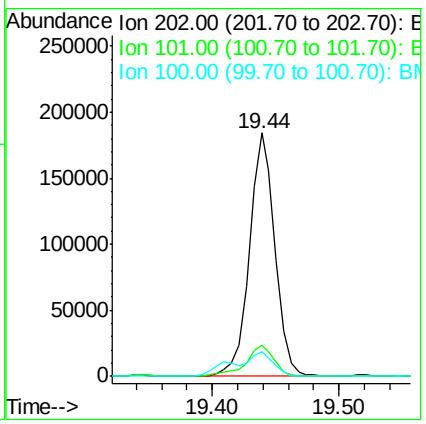


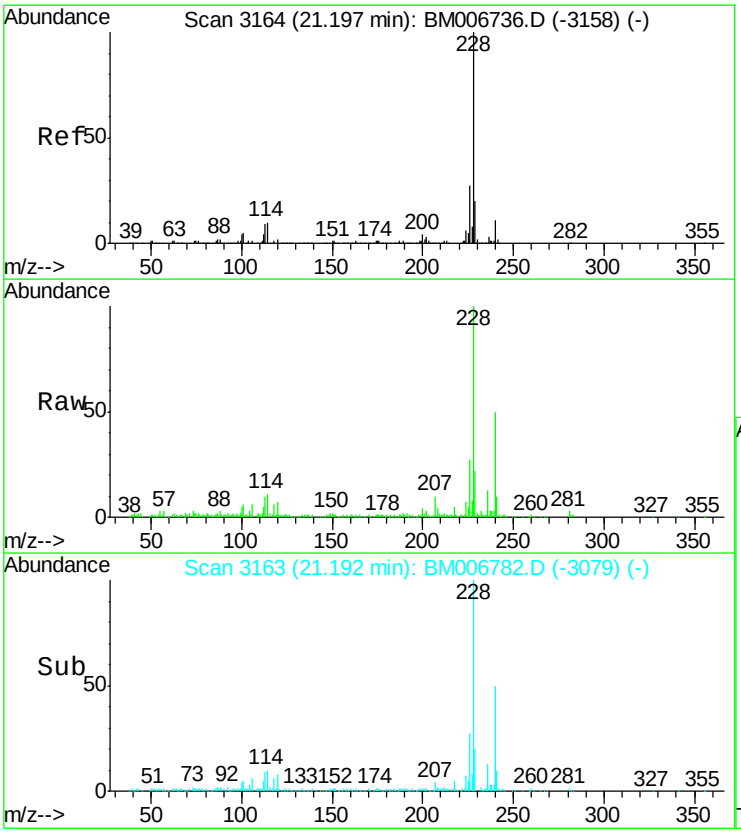
#31
Pyrene
Concen: 3.66 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 259826

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.1	9.3	13.9

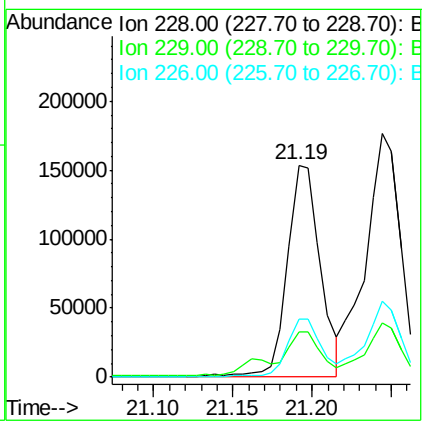


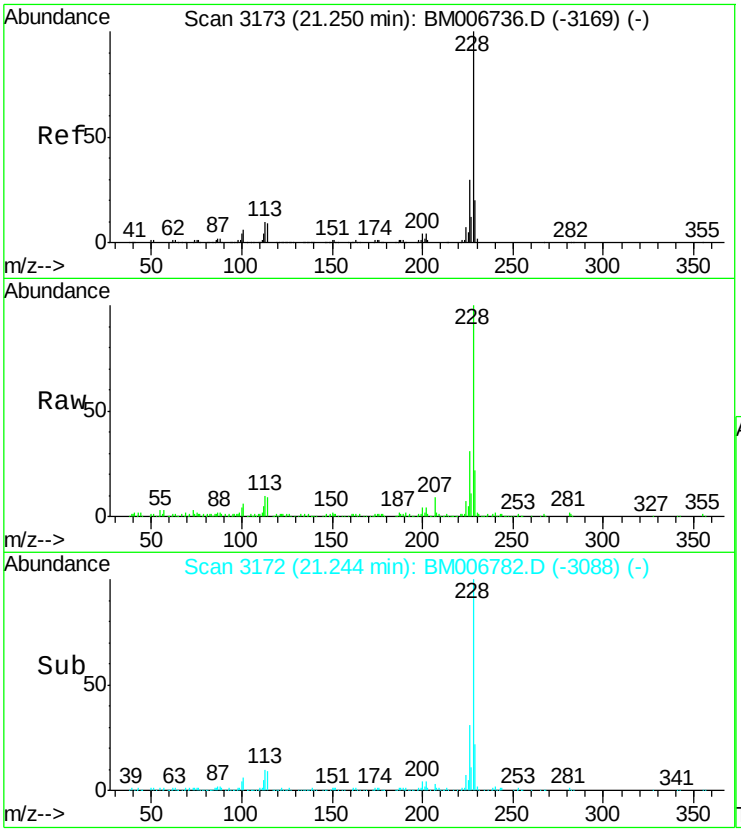


#32
Benzo(a)anthracene
Concen: 3.10 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Tgt Ion:228 Resp: 219852

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	27.3	21.0	31.4



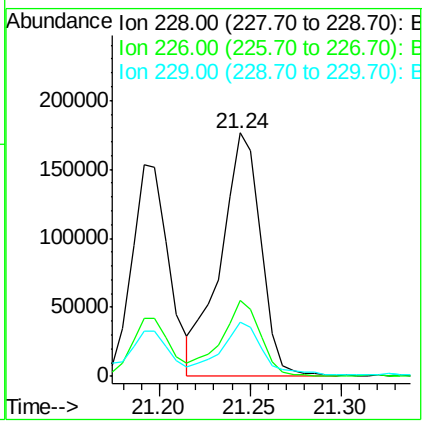


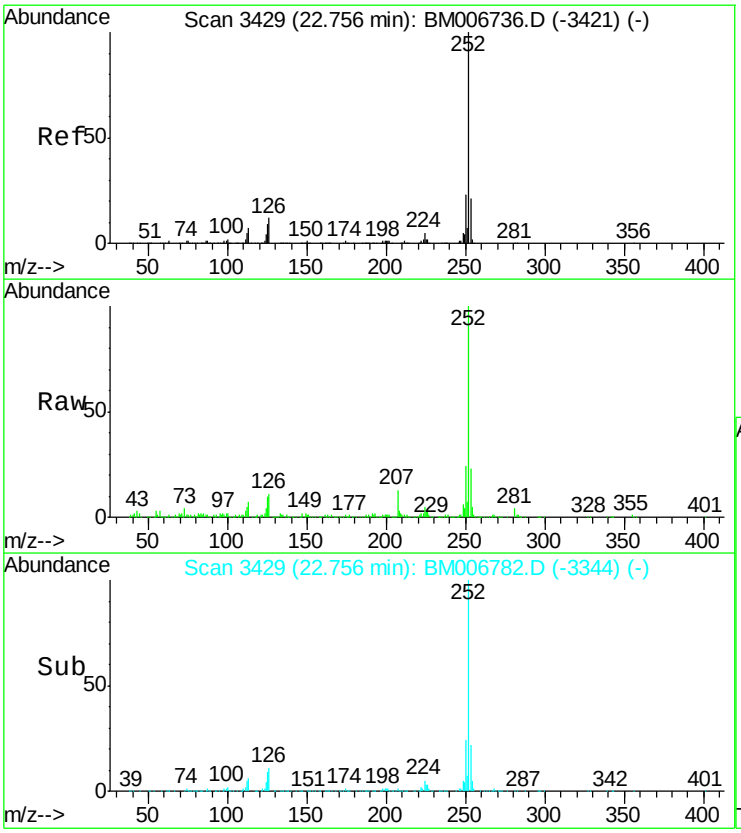
#33
Chrysene
Concen: 4.15 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 271678

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	22.0	16.2	24.2

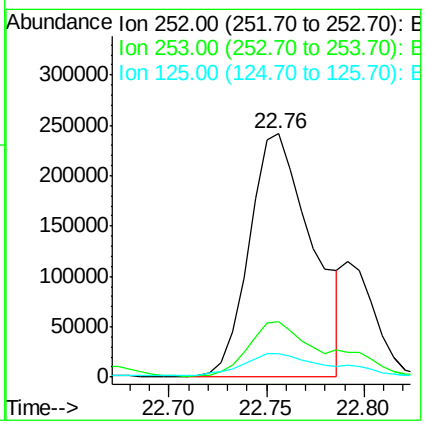


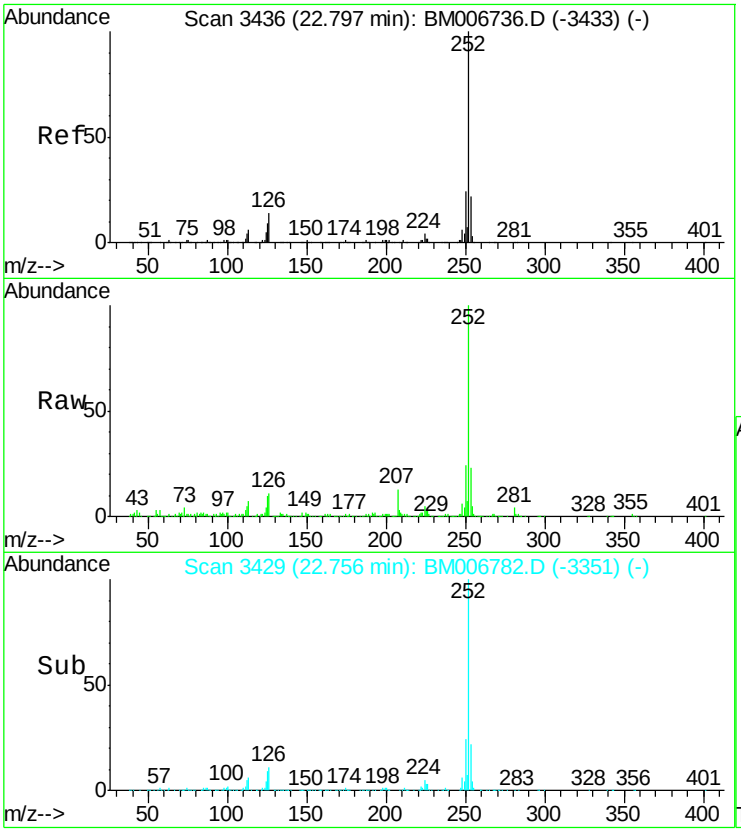


#35
Benzo(b)fluoranthene
Concen: 7.40 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Tgt Ion:252 Resp: 536648

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.7	7.6	11.4



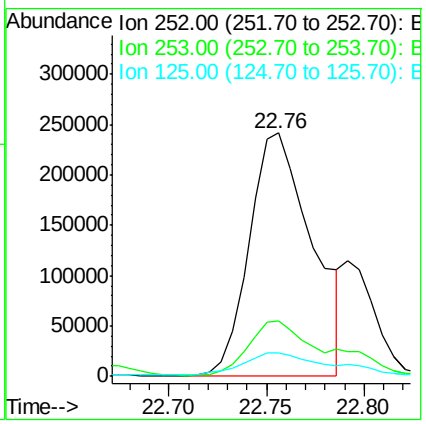


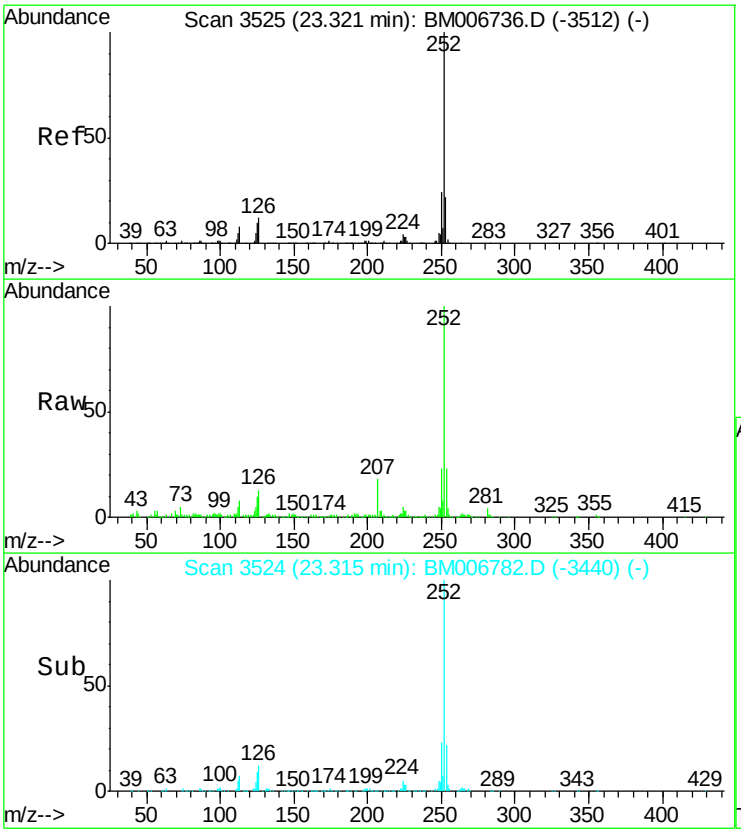
#36
Benzo(k)fluoranthene
Concen: 7.65 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 536648

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.7	7.7	11.5

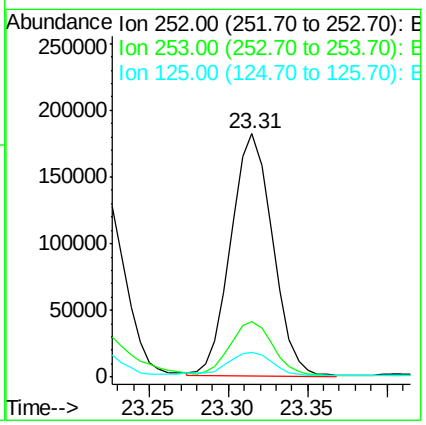


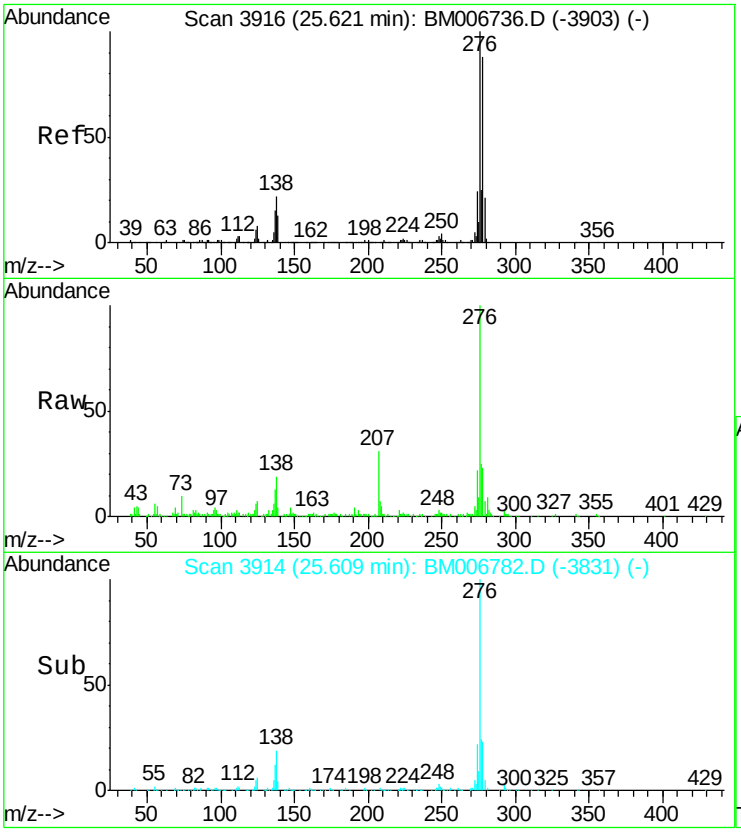


#38
Benzo(a)pyrene
Concen: 4.73 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Tgt Ion:252 Resp: 333896

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	10.0	8.2	12.2



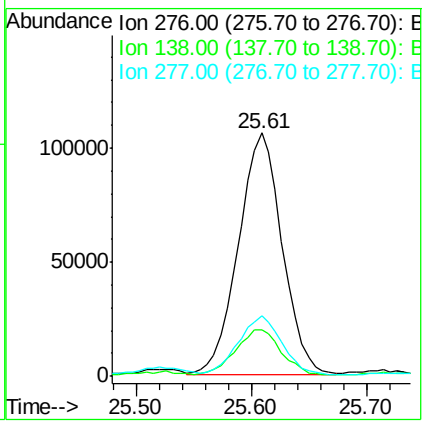


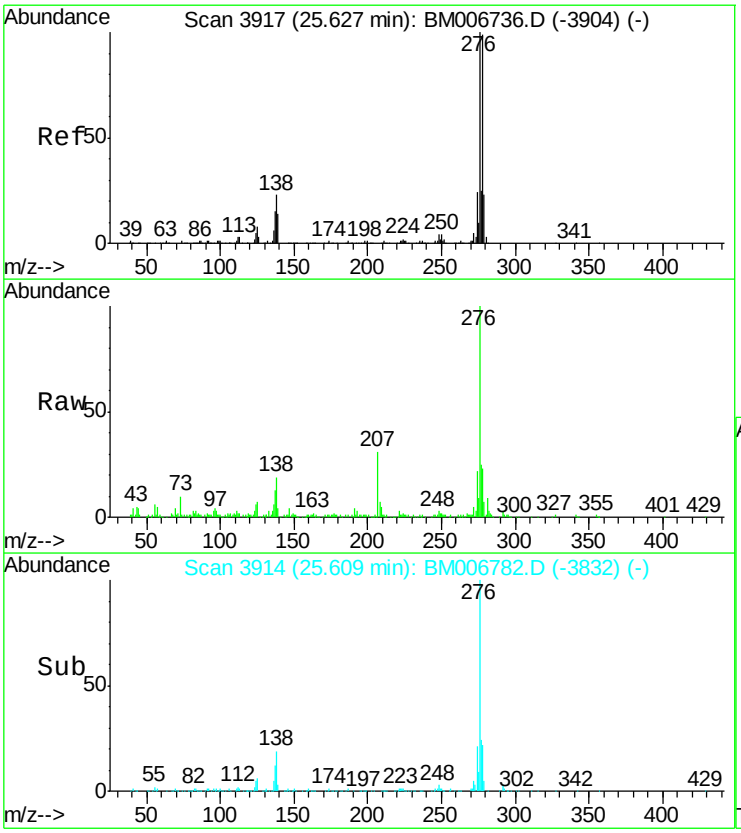
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.44 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 281152

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.8	23.6
277	25.1	19.0	28.6

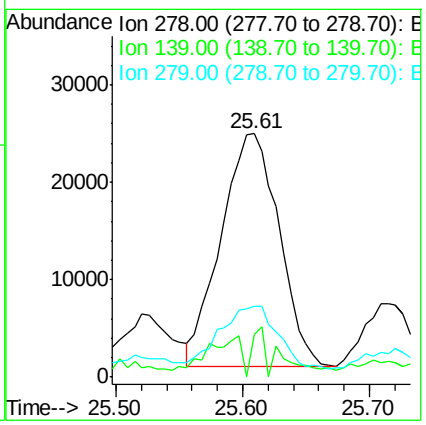


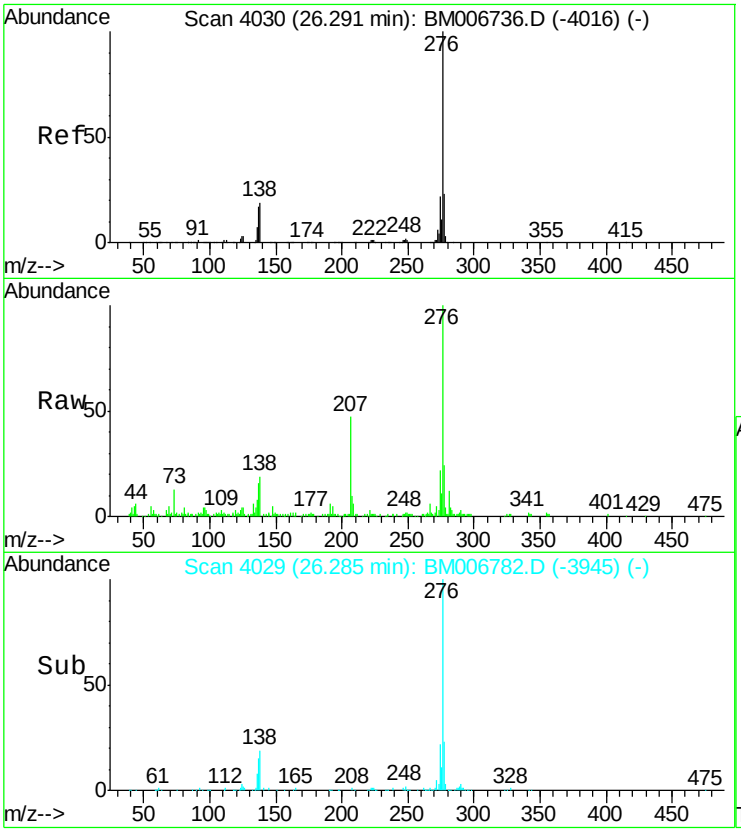


#40
Dibenzo(a,h)anthracene
Concen: 1.12 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Tgt Ion:278 Resp: 75782

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.1	18.1
279	29.0	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 3.19 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. -0.01 min
Lab File: BM006782.D
Acq: 31 Jul 2016 10:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 223741

Ion	Ratio	Lower	Upper
276	100		
138	19.4	13.9	20.9
277	24.3	19.8	29.6