Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006030.D
Acq On : 26 Jun 2016 09:00
Operator : UM/SJ
Sample : H3669-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y64

Quant Time: Jun 27 04:52:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:58:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	223890	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1118359	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	758773	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	2006617	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2616276	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2872782	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5295	1.06	ng/uL	0.00
3) Phenol-d5	6.83	99	214876	9.12	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	174959	13.35	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	186890	11.39	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	137006	6.89	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	107420	12.62	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	114613	12.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	215146	11.84	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	266381	13.51	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	835478	12.86	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1008746	13.39	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	116015	8.37	ng/ul	0.00
21) Fluorene-d10	15.30	176	773052	13.94	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	94443	8.48	ng/ul	0.00
26) Anthracene-d10	17.14	188	1265268	13.73	ng/ul	0.00
30) Pyrene-d10	19.44	212	1590124	13.87	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1802464	13.90	ng/ul	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.11	202	623102	4.51	ng/ul	98
31) Pyrene	19.47	202	528825	3.53	ng/ul	98
32) Benzo(a)anthracene	21.28	228	615467	3.96	ng/ul	94
33) Chrysene	21.28	228	615467	4.33	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	1073246	6.43	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	1073246	6.91	ng/ul	98
38) Benzo(a)pyrene	23.36	252	643583	4.02	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.68	276	463314	2.43	ng/ul	98
41) Benzo(g,h,i)perylene	26.37	276	371756	2.25	ng/ul	99

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

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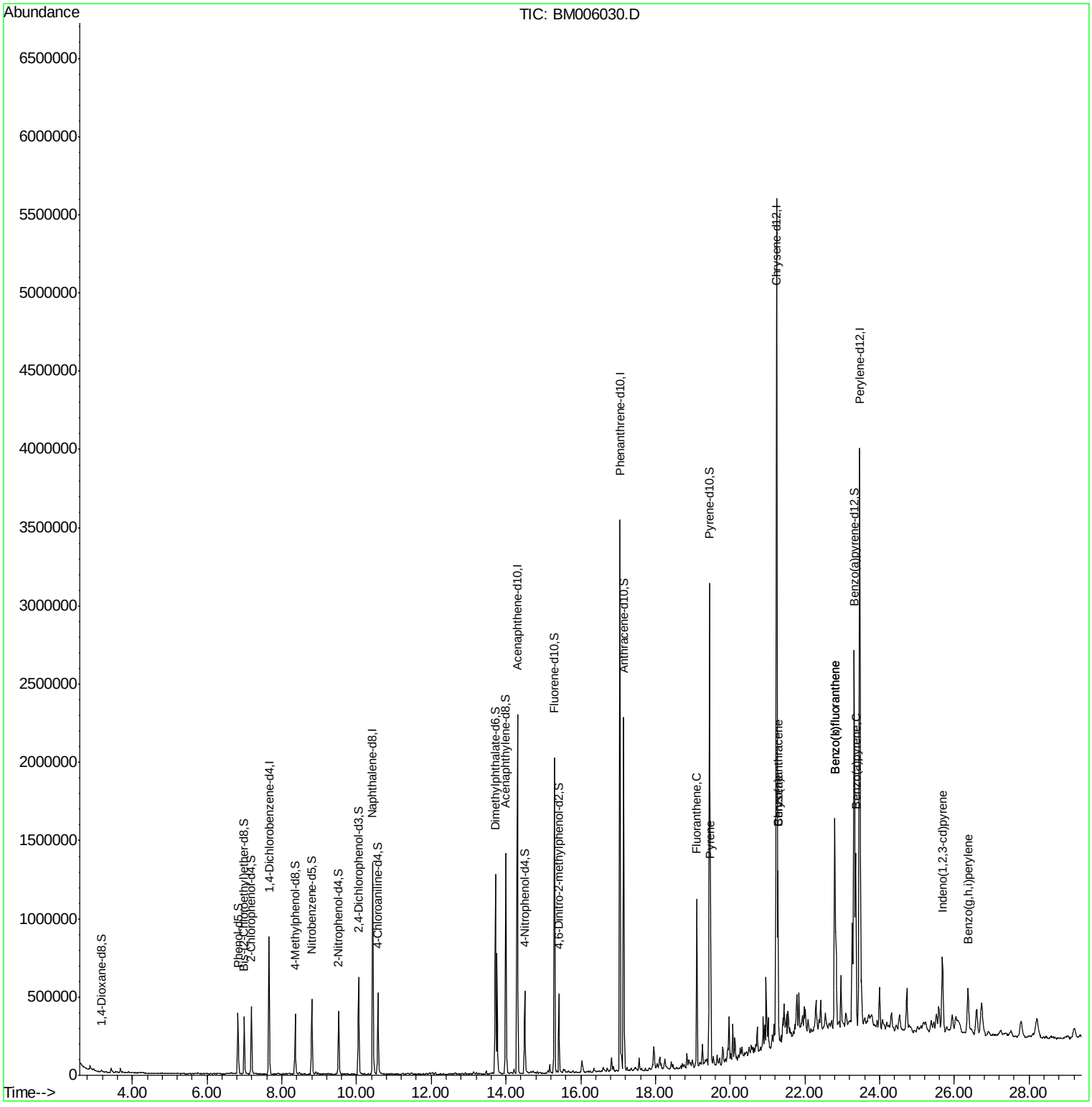
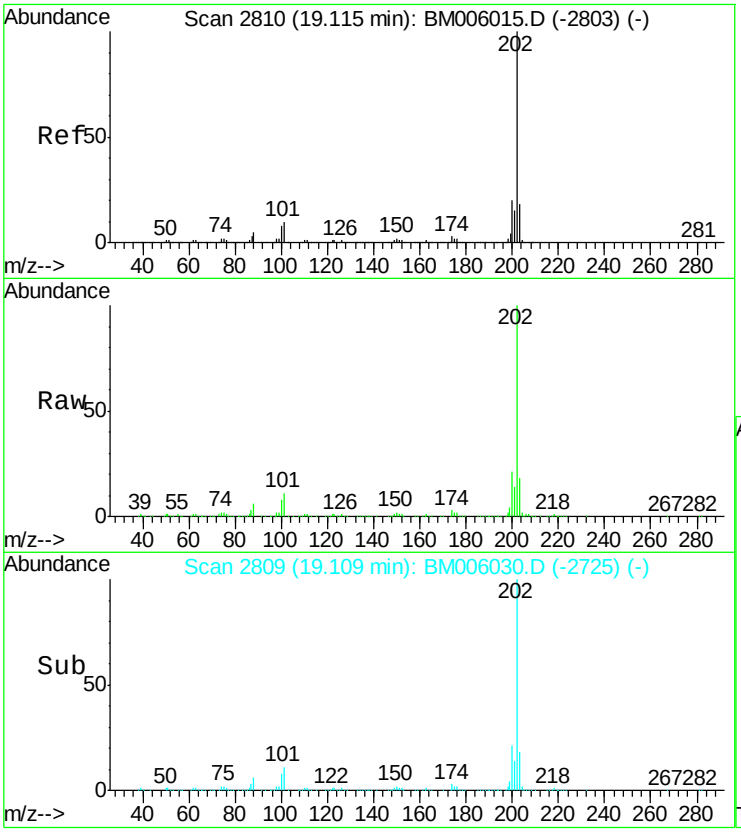


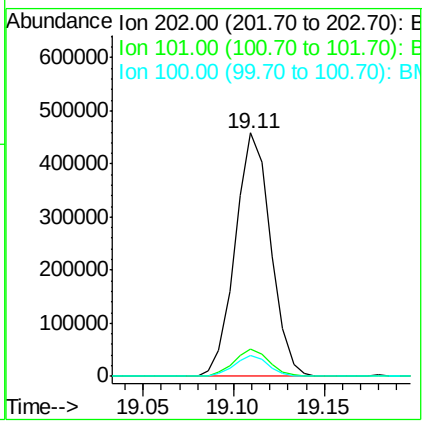


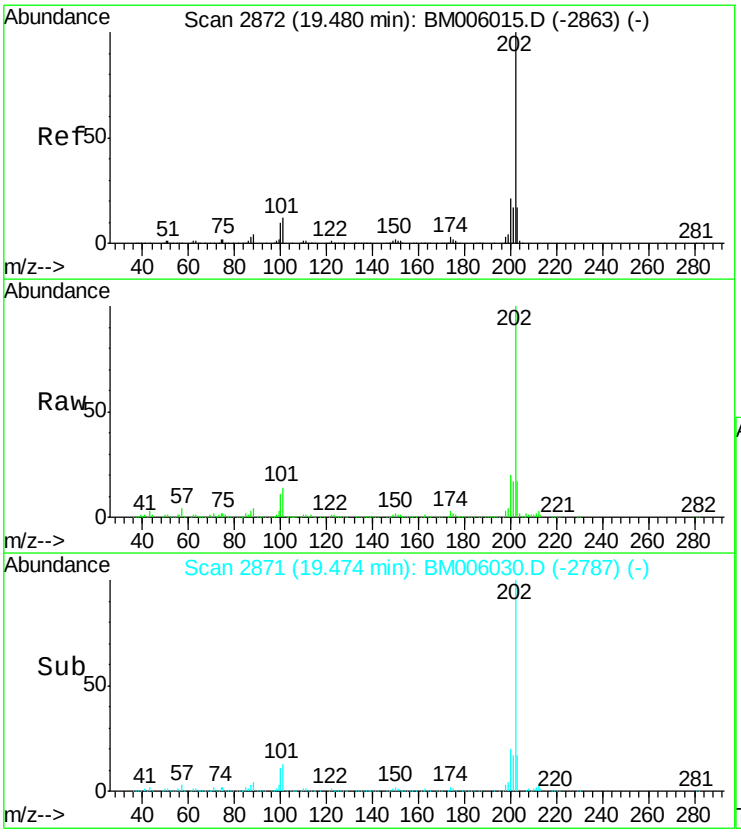
#28
Fluoranthene
Concen: 4.51 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Instrument :
BNA_M
ClientSampleId :
D9Y64

Tgt Ion:202 Resp: 623102

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.2	12.4
100	8.3	6.3	9.5

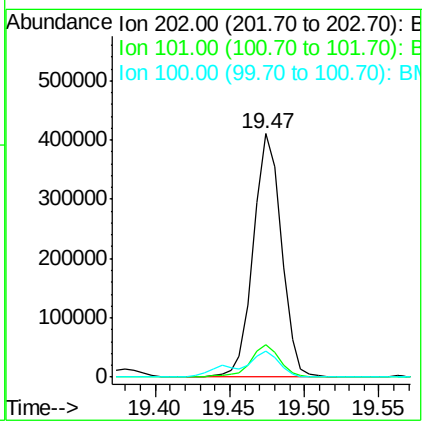


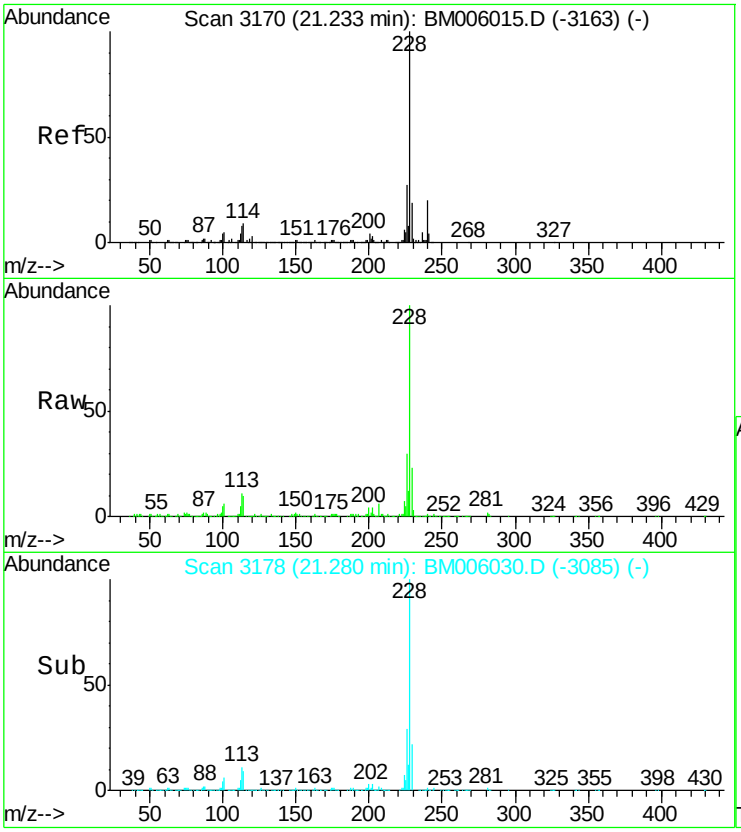


#31
Pyrene
Concen: 3.53 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Tgt Ion:202 Resp: 528825

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.6
100	10.6	8.2	12.2



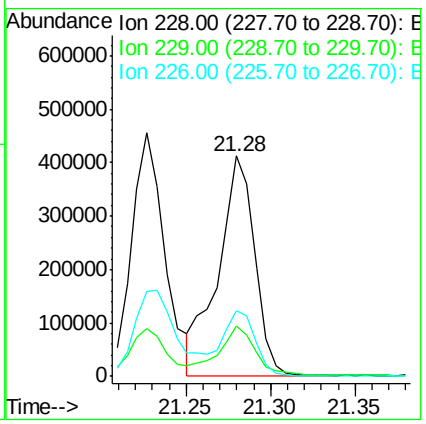


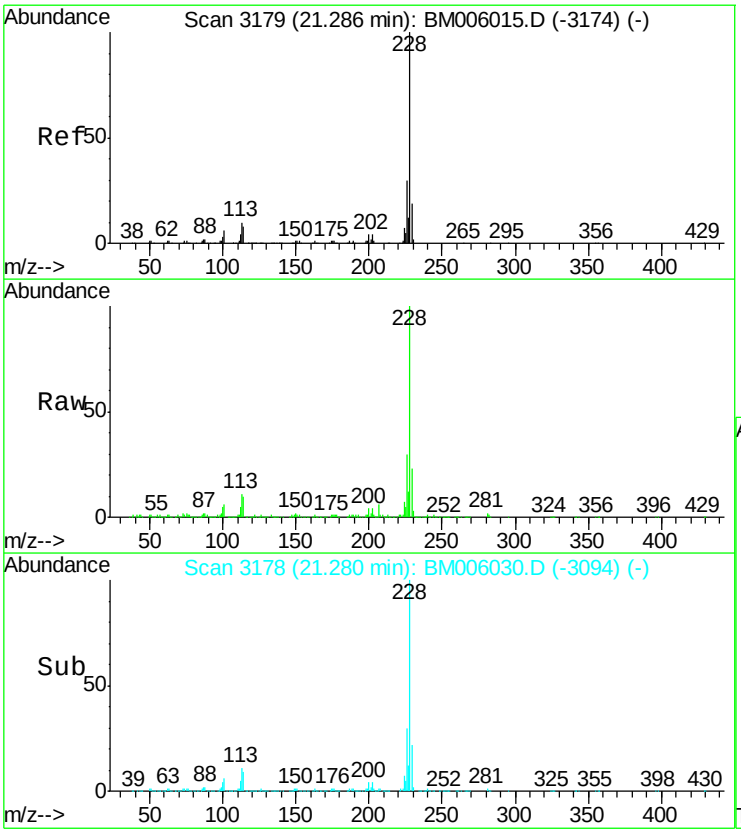
#32
Benzo(a)anthracene
Concen: 3.96 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. 0.05 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Instrument :
BNA_M
ClientSampleId :
D9Y64

Tgt Ion:228 Resp: 615467

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.6
226	29.9	21.5	32.3

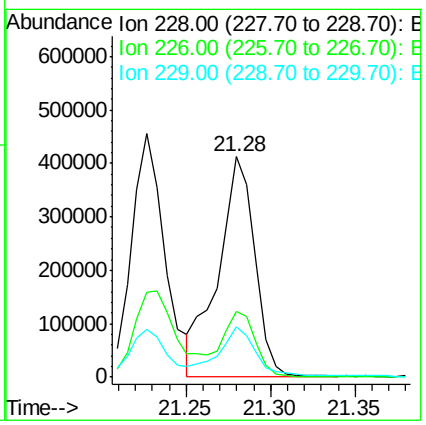


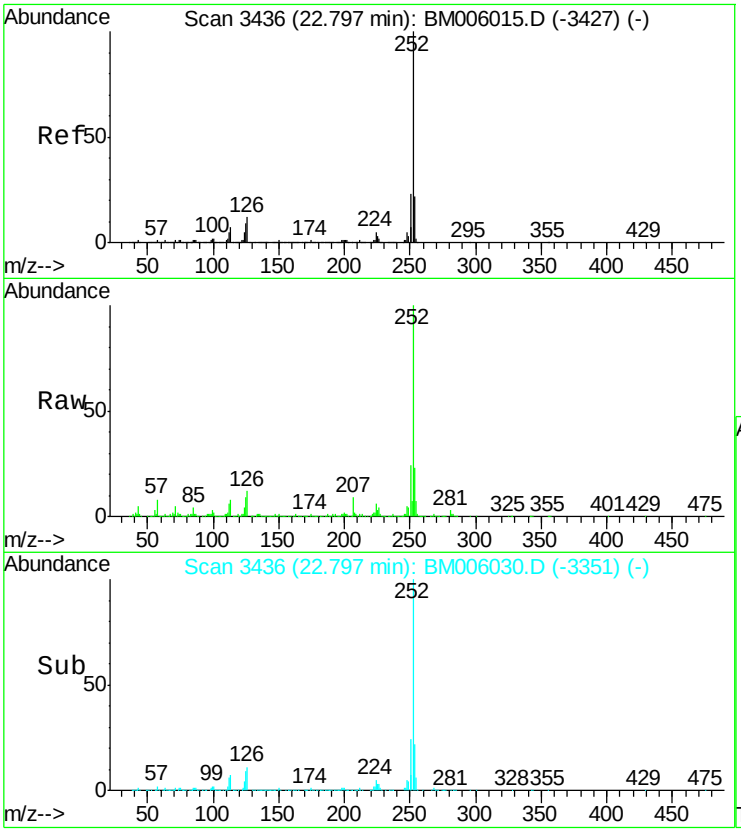


#33
Chrysene
Concen: 4.33 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Tgt Ion:228 Resp: 615467

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	22.6	15.4	23.2



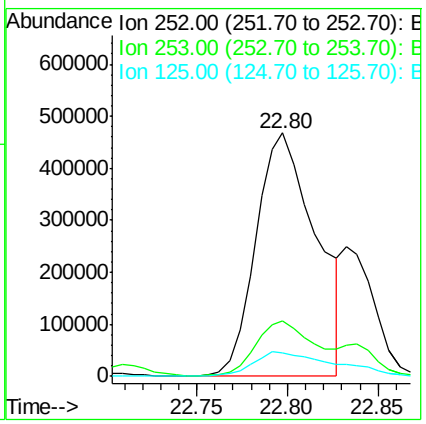


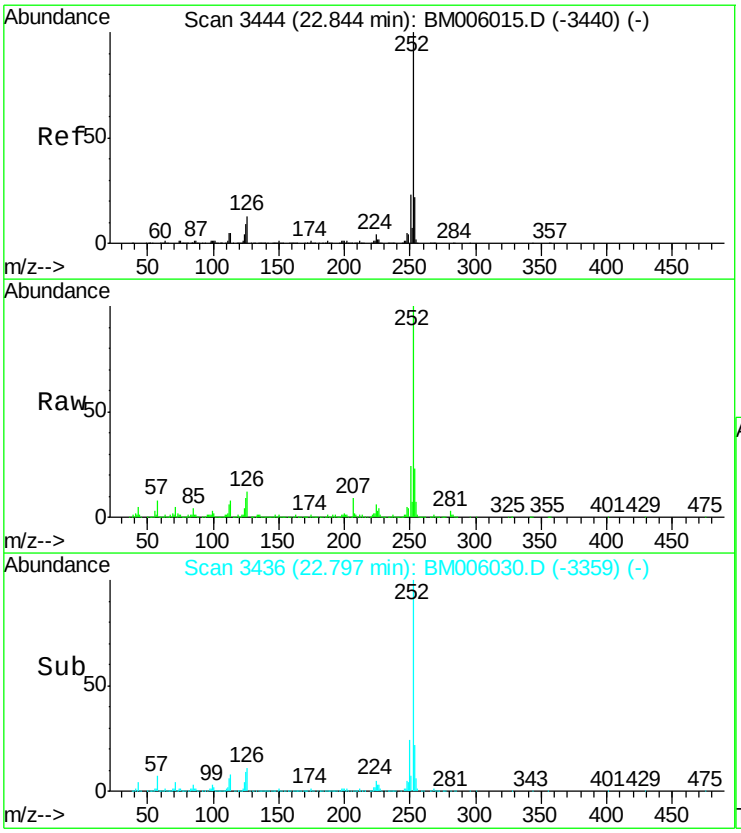
#35
Benzo(b)fluoranthene
Concen: 6.43 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Instrument :
BNA_M
ClientSampleId :
D9Y64

Tgt Ion:252 Resp: 1073246

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	9.4	6.8	10.2

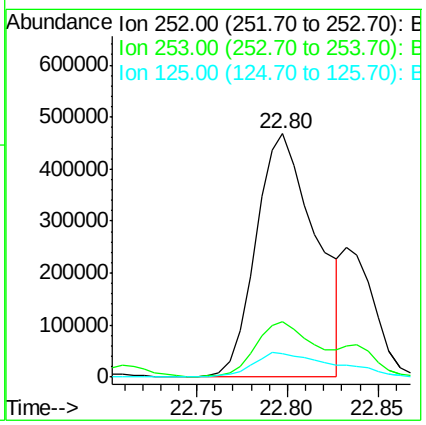


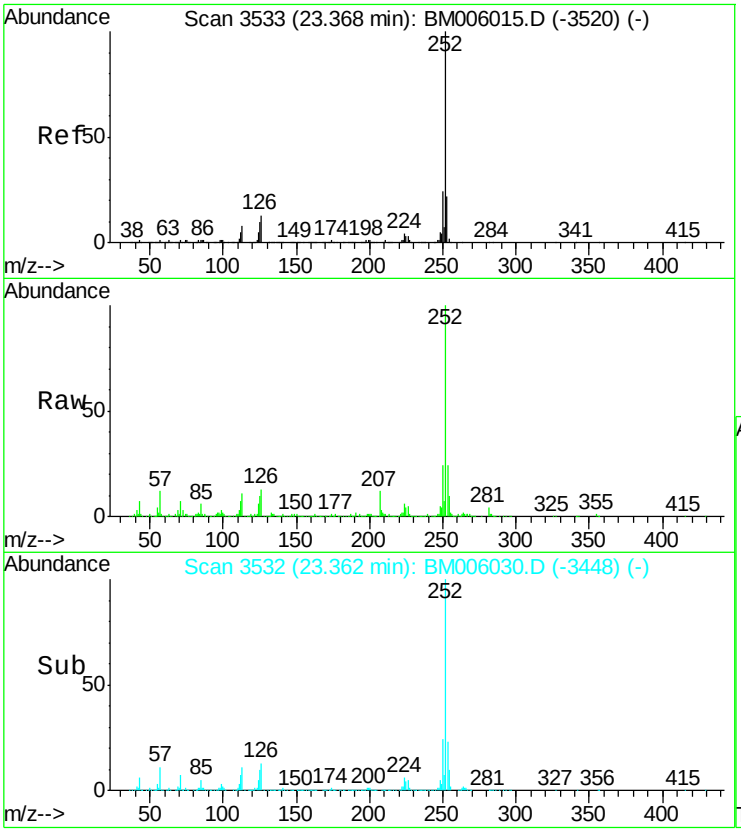


#36
Benzo(k)fluoranthene
Concen: 6.91 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Tgt Ion:252 Resp: 1073246

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	9.4	7.0	10.4



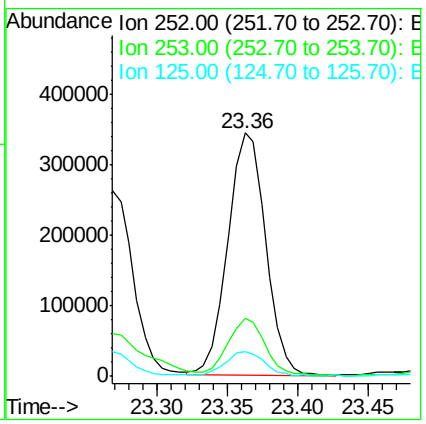


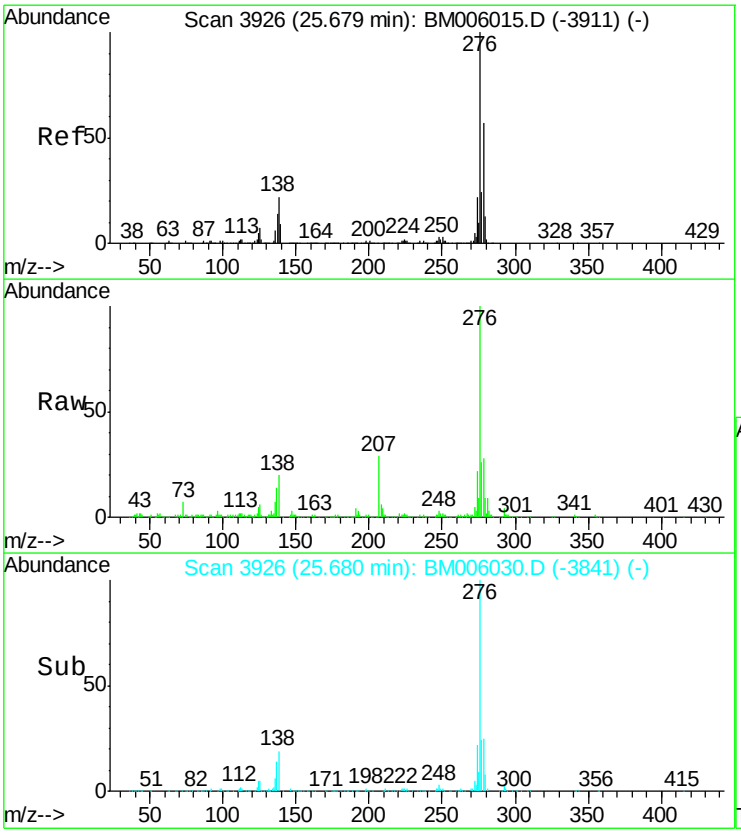
#38
Benzo(a)pyrene
Concen: 4.02 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Instrument :
BNA_M
ClientSampleId :
D9Y64

Tgt Ion:252 Resp: 643583

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	10.0	7.8	11.6

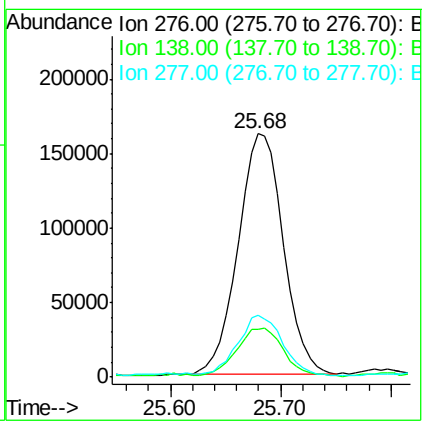


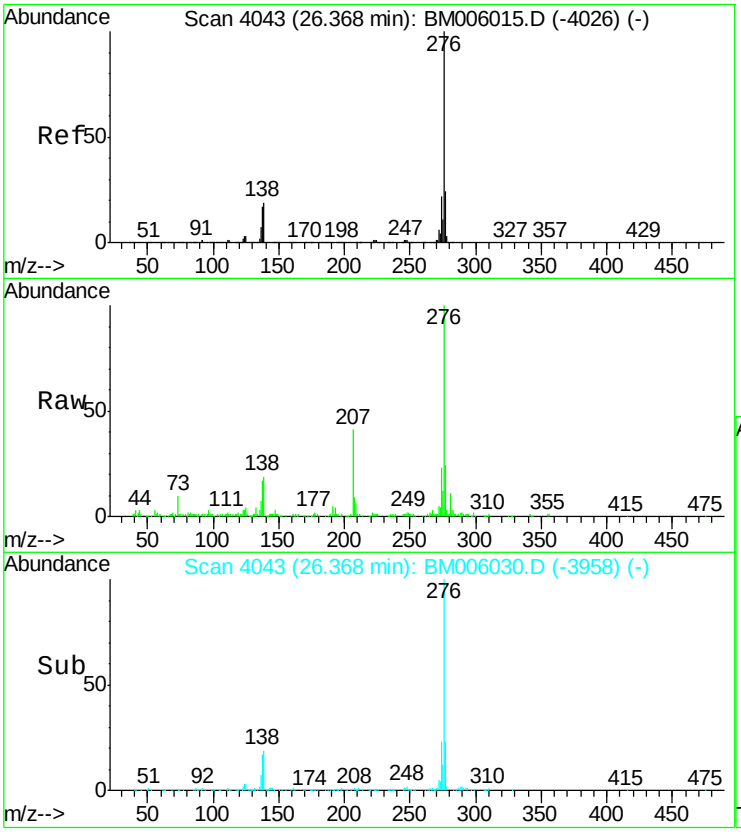


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.43 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Tgt Ion:276 Resp: 463314

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	25.0
277	25.6	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 2.25 ng/ul
RT: 26.37 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BM006030.D
Acq: 26 Jun 2016 09:00

Instrument :
BNA_M
ClientSampleId :
D9Y64

Tgt Ion:276 Resp: 371756

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.9	23.9
277	24.3	19.2	28.8