Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006811.D
Acq On : 01 Aug 2016 04:59
Operator : UM/SJ
Sample : H4189-15
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:47:06 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	227256	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	994034	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	551432	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1228696	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1301325	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1371782	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6951	1.24	ng/uL	0.00
3) Phenol-d5	6.79	99	292628	15.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	206413	17.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	247523	16.02	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	168292	11.22	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	130845	17.39	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	146544	18.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	245628	16.24	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	264752	15.90	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	776576	17.96	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1007479	18.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	98361	13.10	ng/ul	0.01
21) Fluorene-d10	15.26	176	695891	18.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	75915	11.90	ng/ul	0.01
26) Anthracene-d10	17.11	188	1052508	18.04	ng/ul	0.00
30) Pyrene-d10	19.42	212	1165244	19.65	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1138112	18.04	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	144788	2.10	ng/ul	98
28) Fluoranthene	19.08	202	365968	4.51	ng/ul	99
31) Pyrene	19.44	202	324511	4.12	ng/ul	99
32) Benzo(a)anthracene	21.20	228	188713	2.39	ng/ul	95
33) Chrysene	21.26	228	206730	2.84	ng/ul	95
35) Benzo(b)fluoranthene	22.77	252	290753	3.54	ng/ul	96
36) Benzo(k)fluoranthene	22.77	252	290753	3.66	ng/ul	96
38) Benzo(a)pyrene	23.33	252	203510	2.54	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.63	276	156546	1.69	ng/ul	98
41) Benzo(g,h,i)perylene	26.31	276	152011	1.91	ng/ul	97

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

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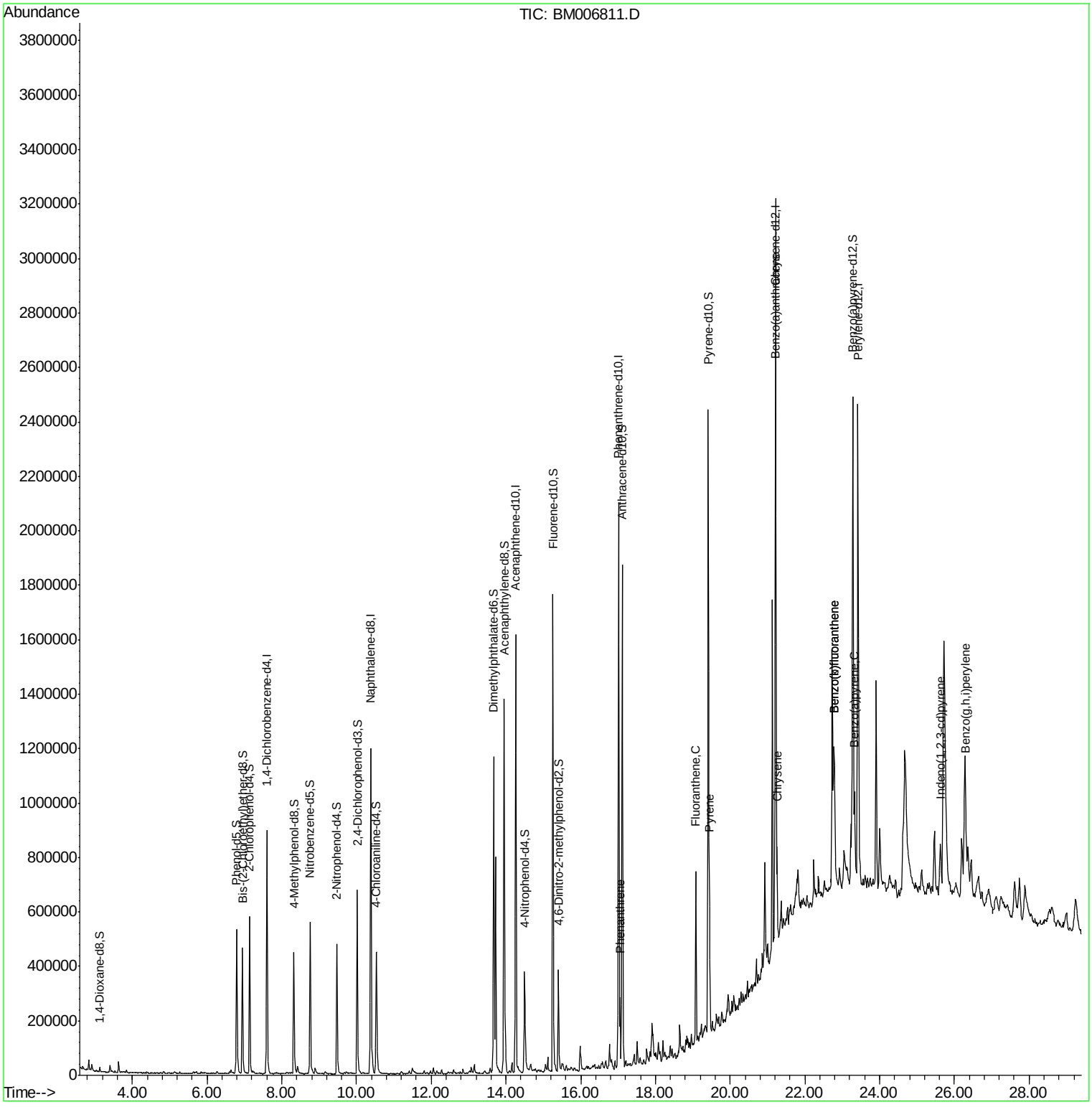
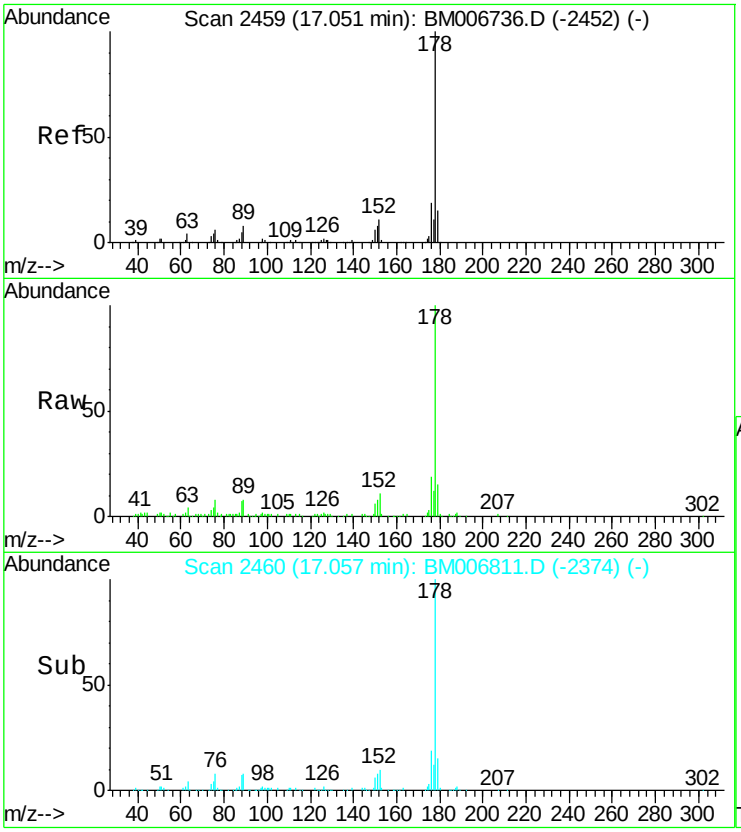


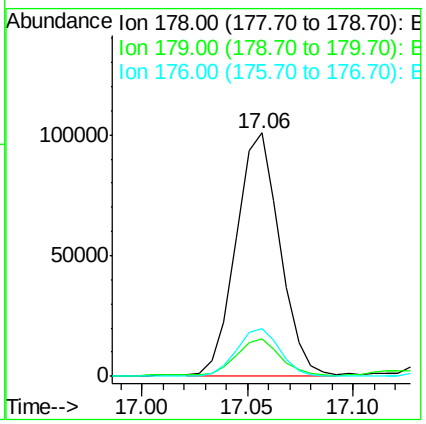


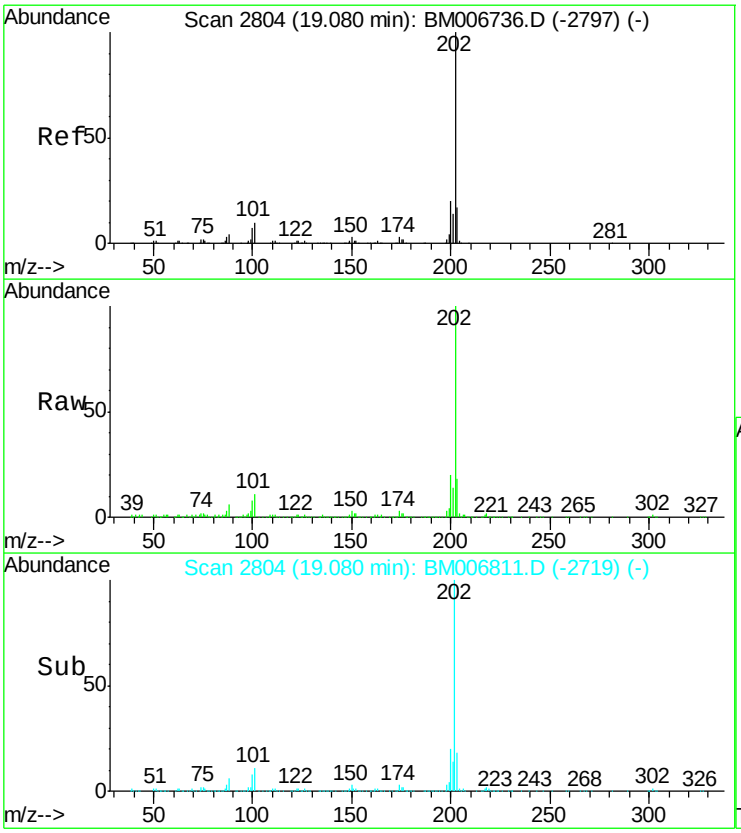
#25
Phenanthrene
Concen: 2.10 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 144788

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	19.4	14.8	22.2

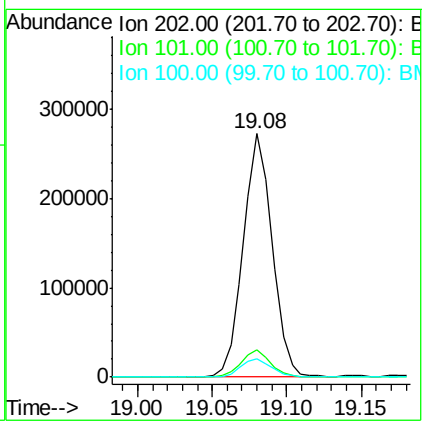


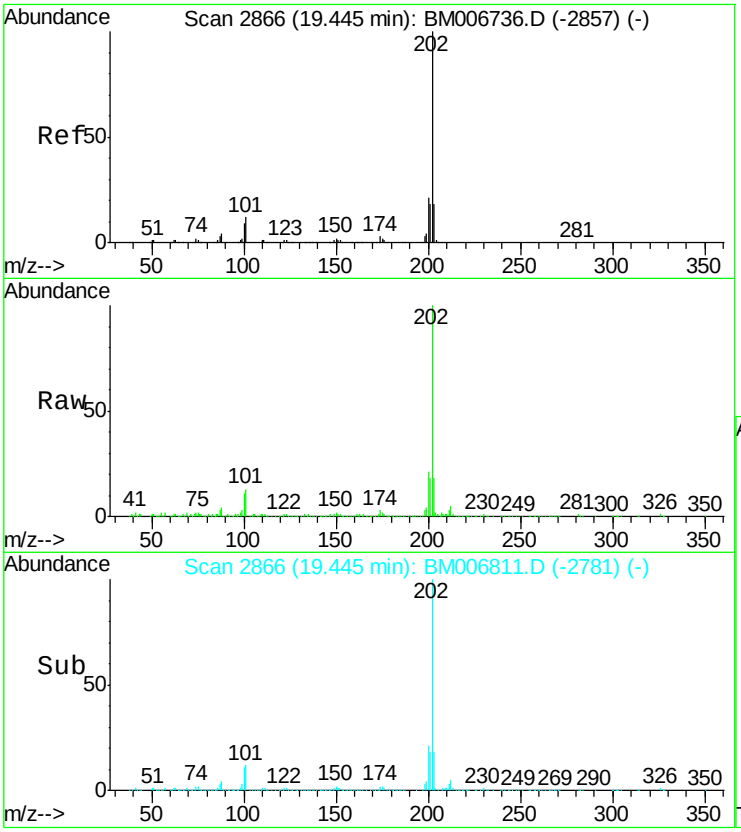


#28
Fluoranthene
Concen: 4.51 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Tgt Ion:202 Resp: 365968

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	7.7	7.0	10.4



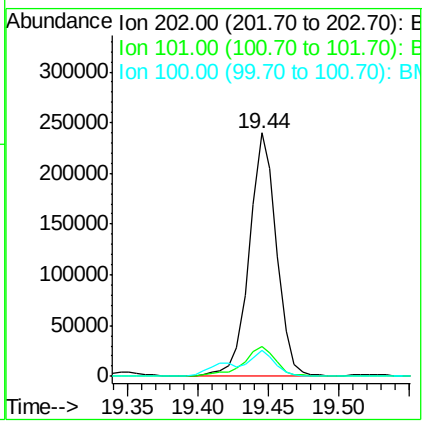


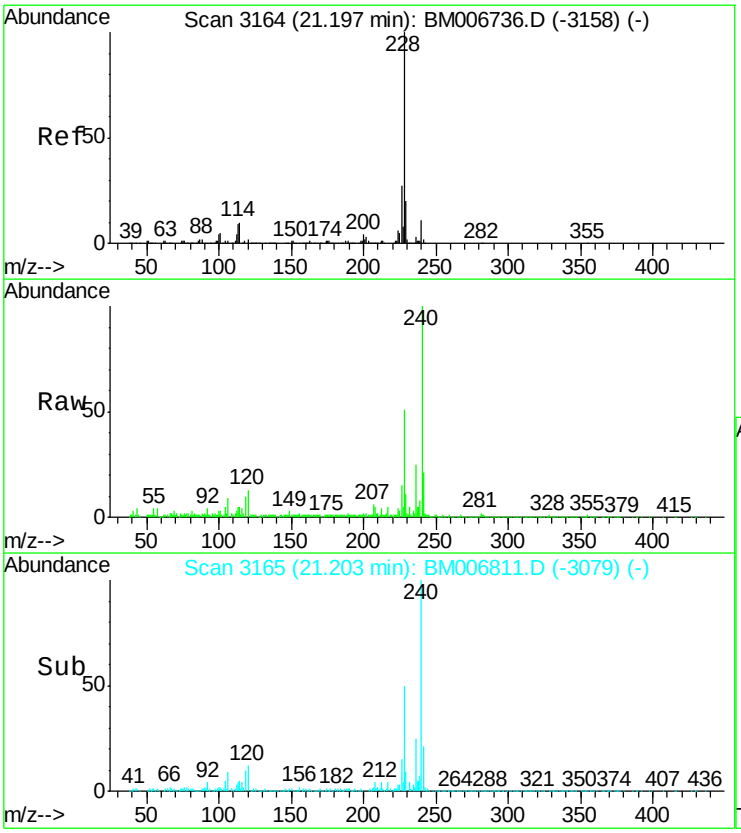
#31
Pyrene
Concen: 4.12 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 324511

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	10.9	9.3	13.9

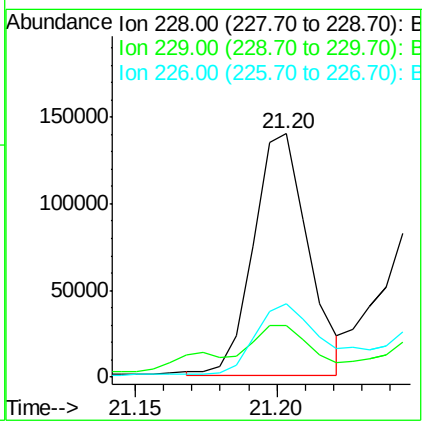


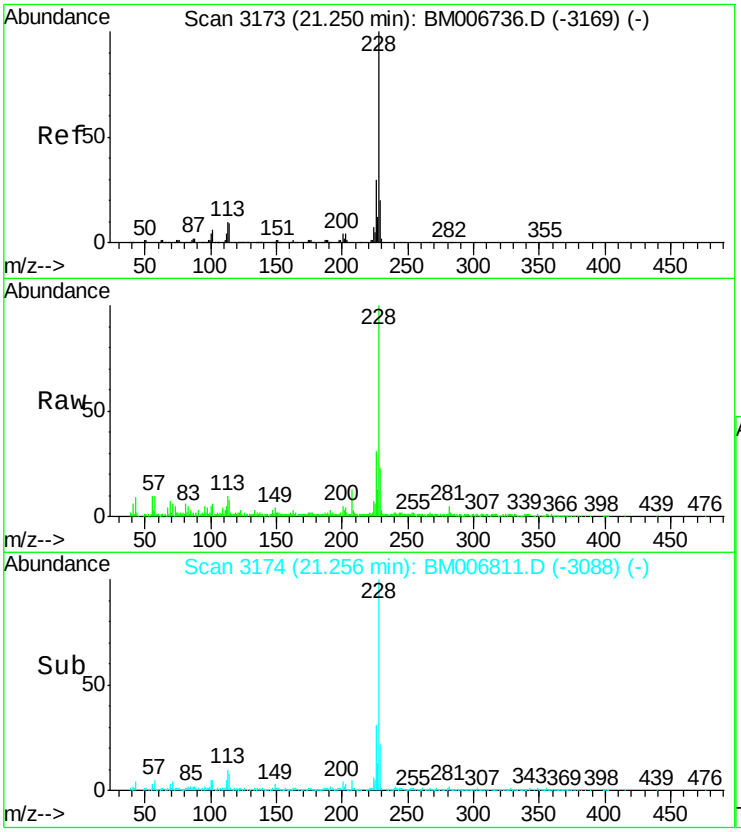


#32
Benzo(a)anthracene
Concen: 2.39 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Tgt Ion:228 Resp: 188713

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	30.2	21.0	31.4



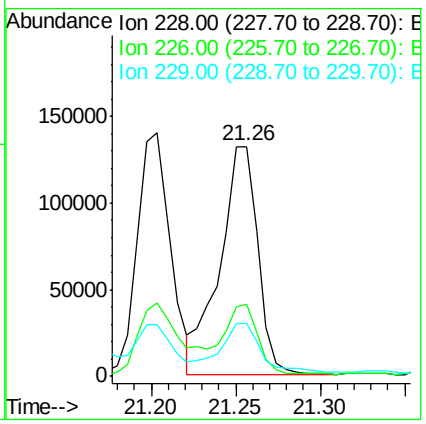


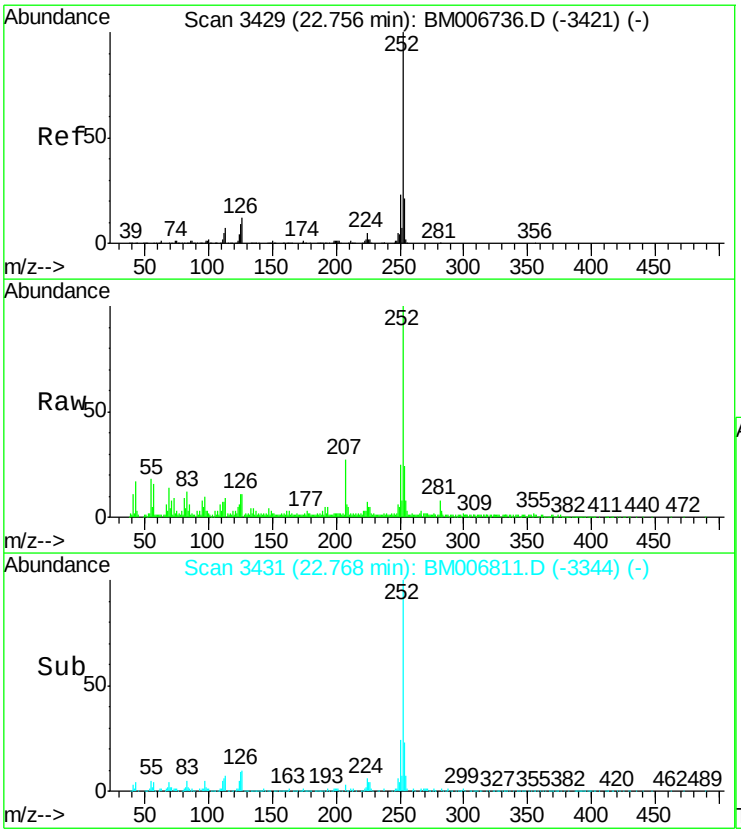
#33
Chrysene
Concen: 2.84 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 206730

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	23.0	16.2	24.2

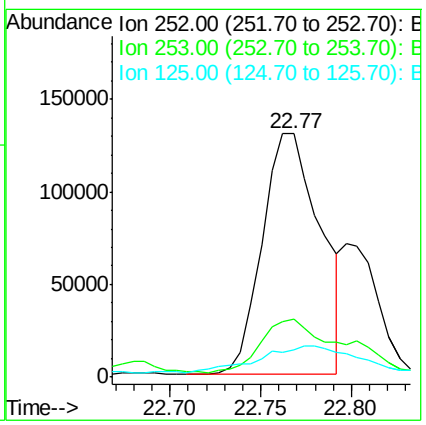


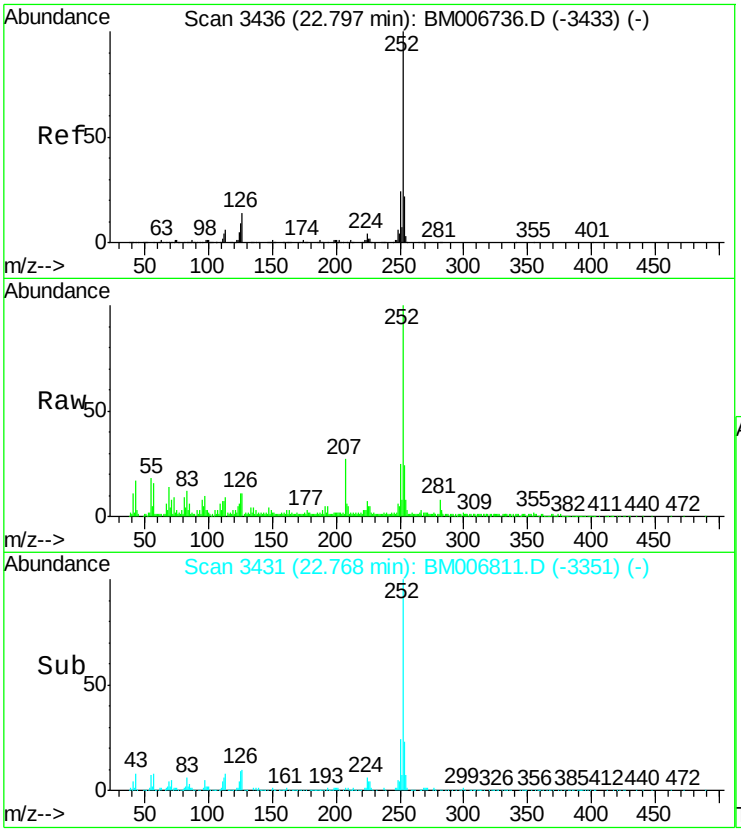


#35
Benzo(b)fluoranthene
Concen: 3.54 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Tgt Ion:252 Resp: 290753

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	11.2	7.6	11.4



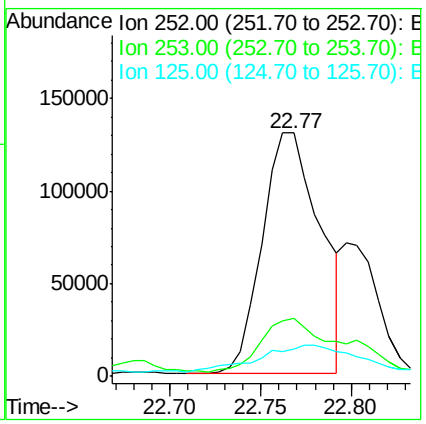


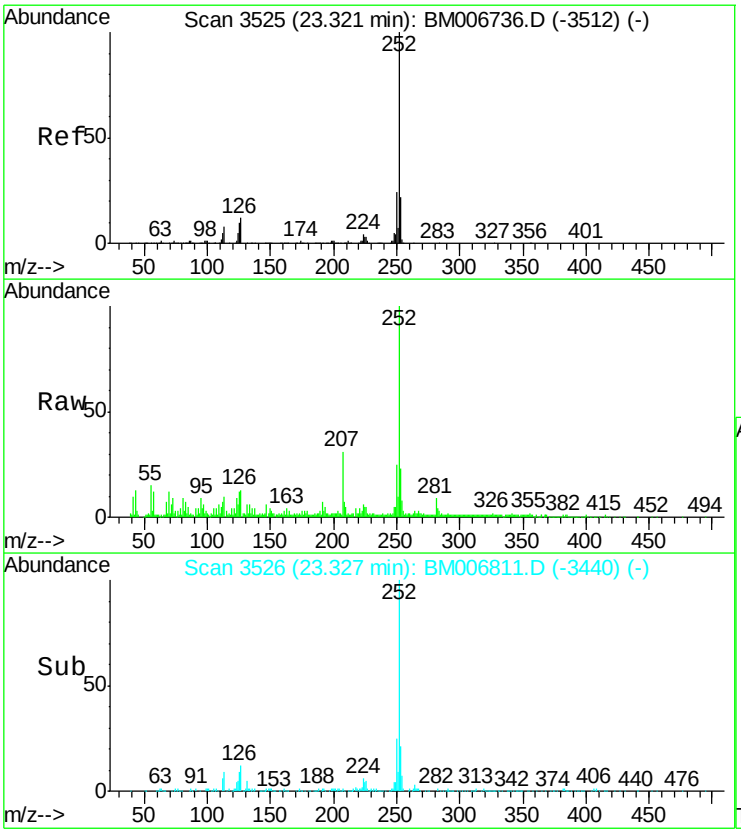
#36
Benzo(k)fluoranthene
Concen: 3.66 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. -0.03 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 290753

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	11.2	7.7	11.5

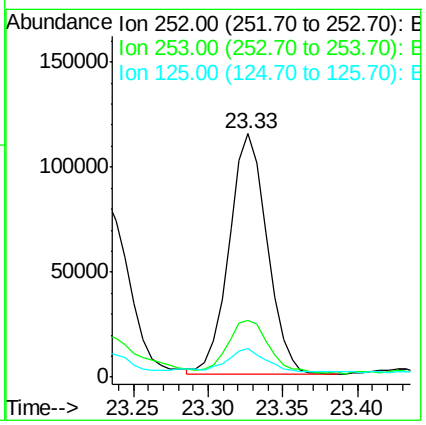


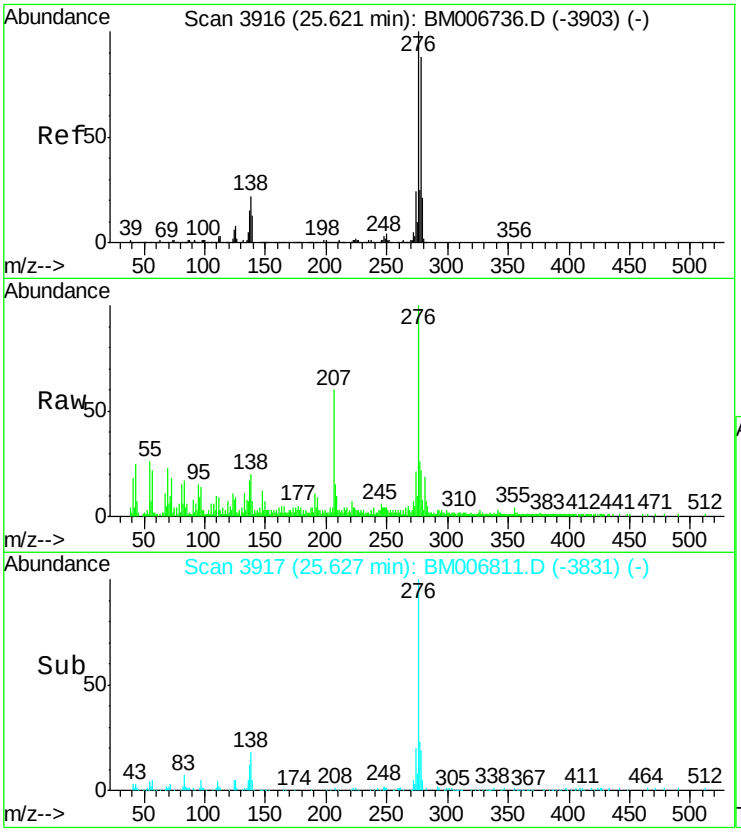


#38
Benzo(a)pyrene
Concen: 2.54 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Tgt Ion:252 Resp: 203510

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.6	8.2	12.2



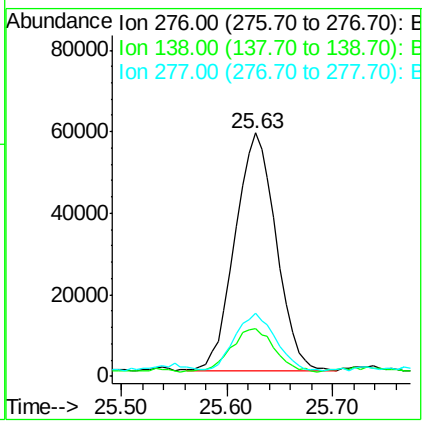


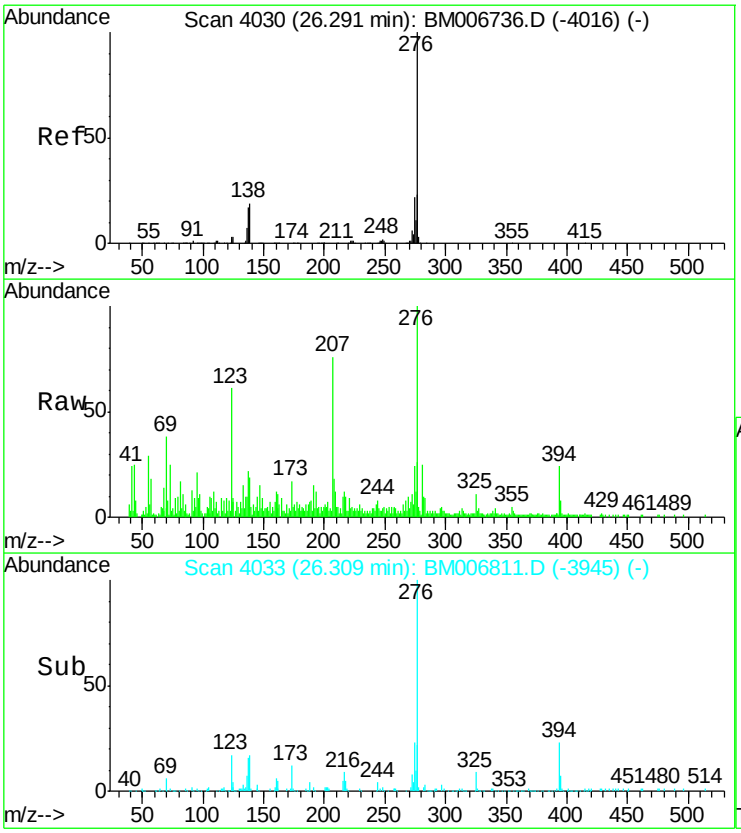
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.69 ng/ul
RT: 25.63 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 156546

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.8	23.6
277	25.9	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.91 ng/ul
RT: 26.31 min Scan# 4033
Delta R.T. 0.02 min
Lab File: BM006811.D
Acq: 01 Aug 2016 04:59

Tgt Ion:276 Resp: 152011

Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.9	20.9
277	25.7	19.8	29.6