Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006619.D
Acq On : 22 Jul 2016 11:07
Operator : UM/SJ
Sample : H4076-16 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YP9

Quant Time: Jul 23 00:16:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	170381	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	721475	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	399185	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	880163	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	977281	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	993730	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5309	1.26	ng/uL	0.00
3) Phenol-d5	6.80	99	193840	13.37	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	121320	13.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	149784	12.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	149782	13.32	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	72473	13.27	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	76085	13.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	143737	13.10	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	138193	11.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	418669	13.38	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	553705	13.86	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	62392	11.48	ng/ul	0.00
21) Fluorene-d10	15.26	176	388137	13.87	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	32874	7.20	ng/ul	0.00
26) Anthracene-d10	17.12	188	587522	14.06	ng/ul	0.00
30) Pyrene-d10	19.42	212	655042	14.71	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	651350	14.25	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	109976	2.22	ng/ul	99
28) Fluoranthene	19.09	202	372044	6.40	ng/ul	98
31) Pyrene	19.44	202	335814	5.67	ng/ul	98
32) Benzo(a)anthracene	21.20	228	202765	3.42	ng/ul	96
33) Chrysene	21.25	228	209335	3.83	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	314991	5.29	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	314991	5.47	ng/ul	98
38) Benzo(a)pyrene	23.32	252	211081	3.64	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.62	276	167778	2.50	ng/ul	98
41) Benzo(g,h,i)perylene	26.30	276	188737	3.28	ng/ul	96

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

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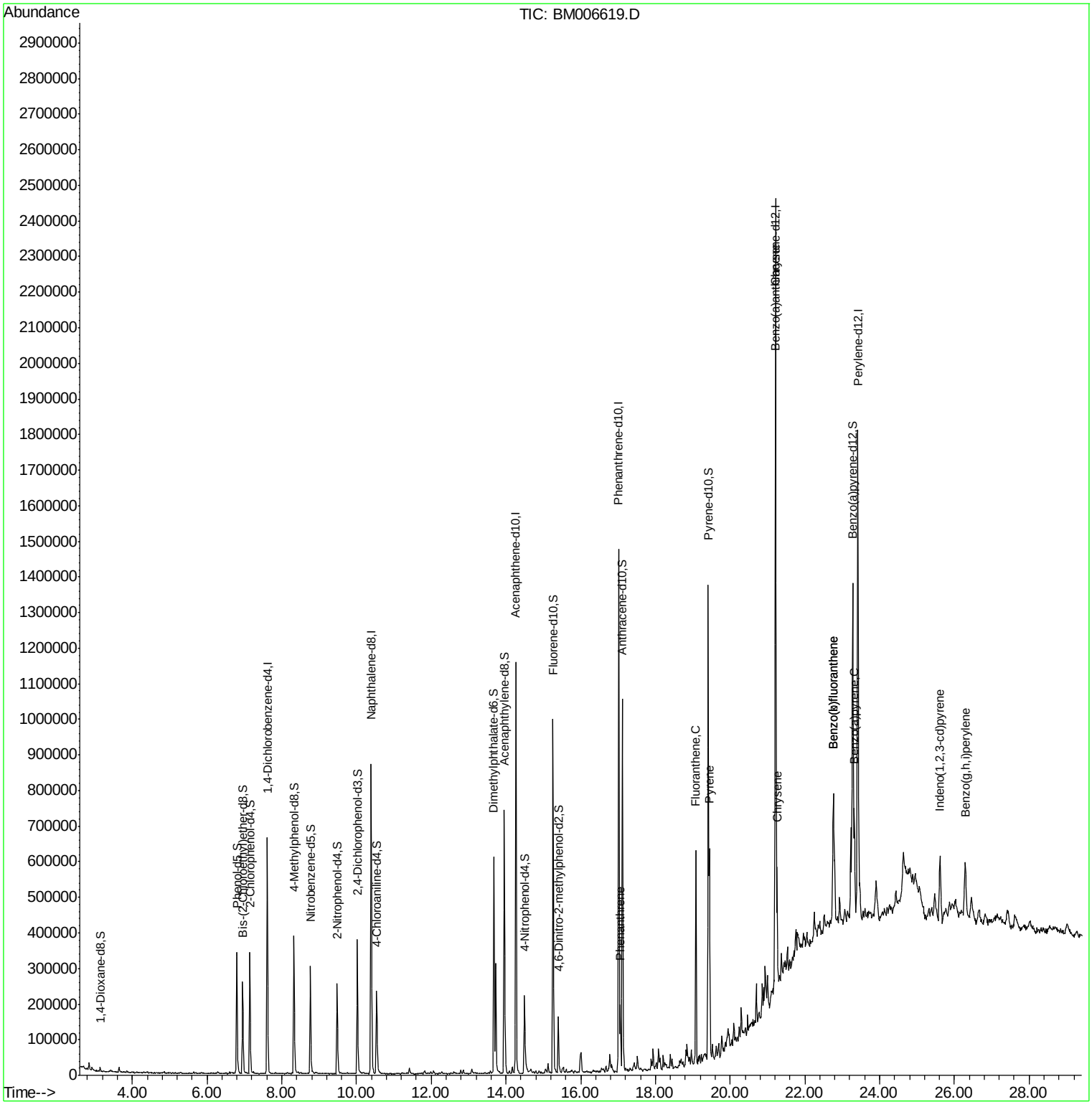
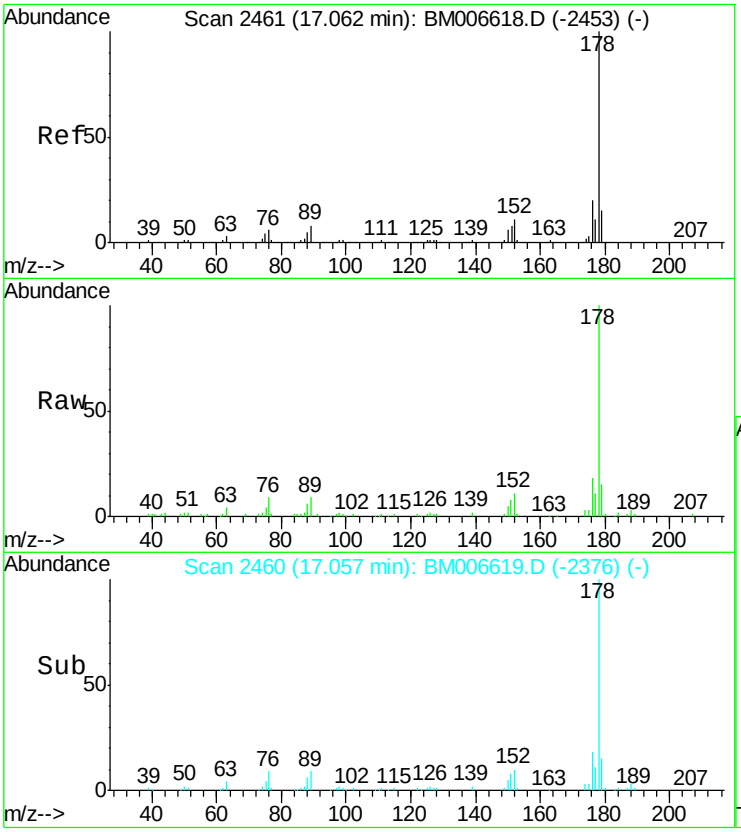


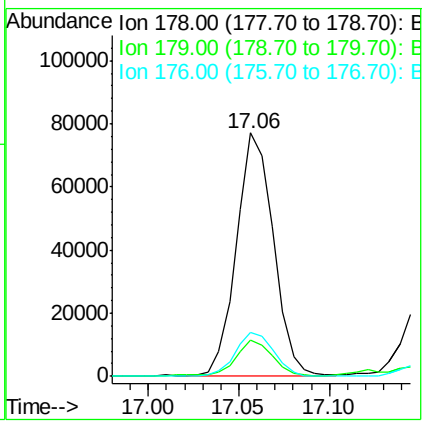


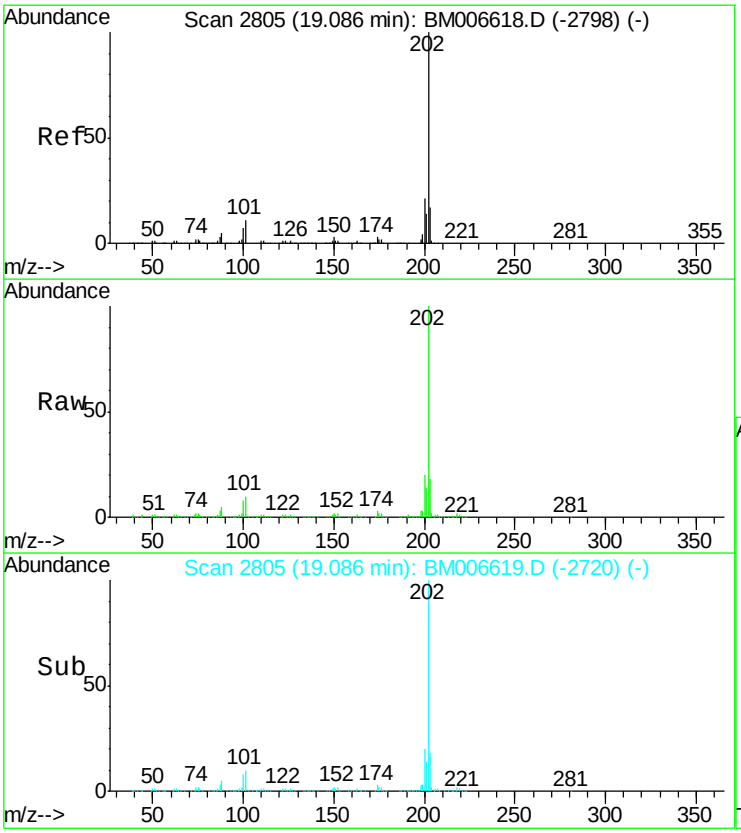
#25
Phenanthrene
Concen: 2.22 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Instrument :
BNA_M
ClientSampleId :
D9YP9

Tgt Ion:178 Resp: 109976

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	18.0	14.8	22.2

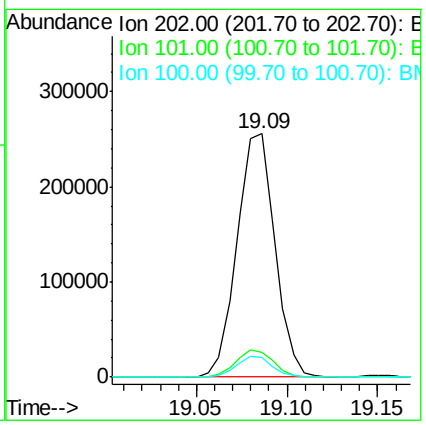


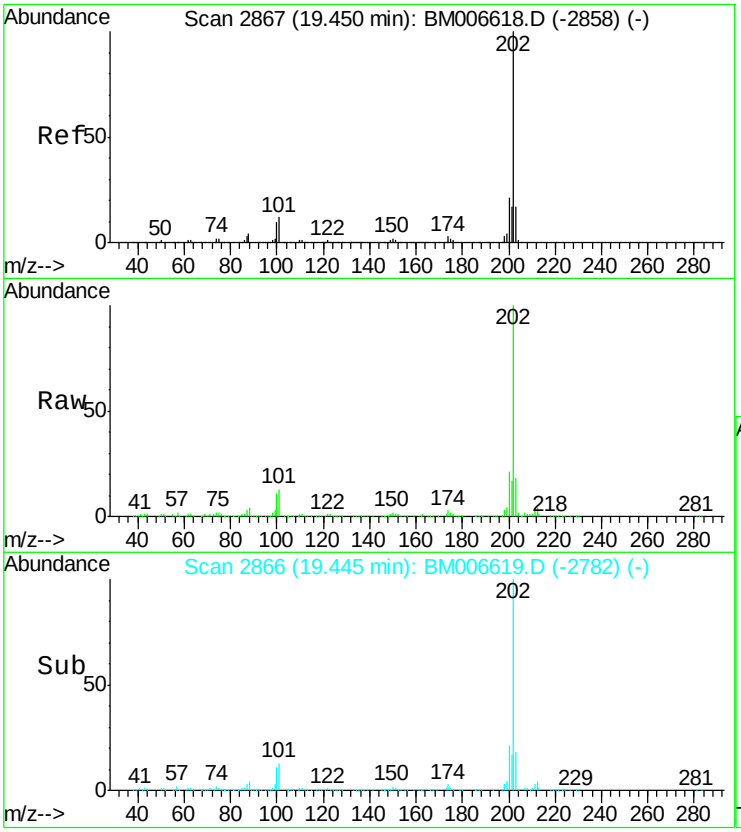


#28
Fluoranthene
Concen: 6.40 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Tgt Ion:202 Resp: 372044

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.9	13.3
100	8.0	7.0	10.4



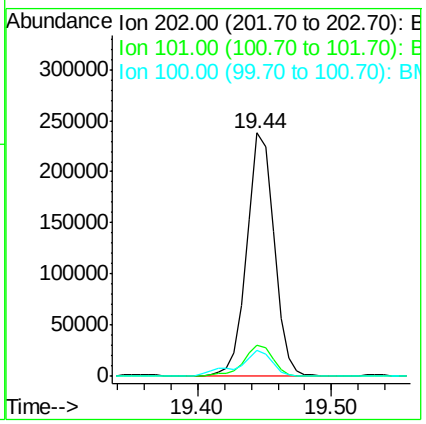


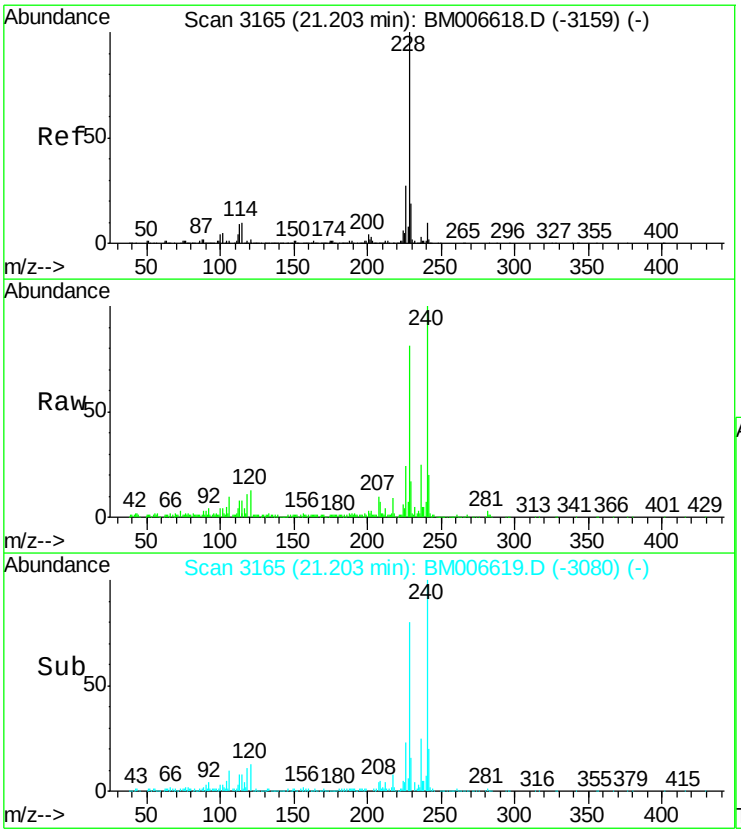
#31
Pyrene
Concen: 5.67 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Instrument :
BNA_M
ClientSampleId :
D9YP9

Tgt Ion:202 Resp: 335814

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.7	9.3	13.9

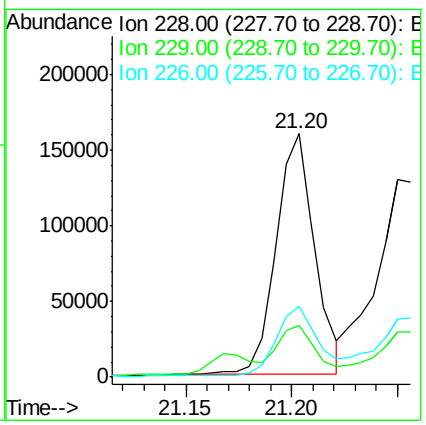


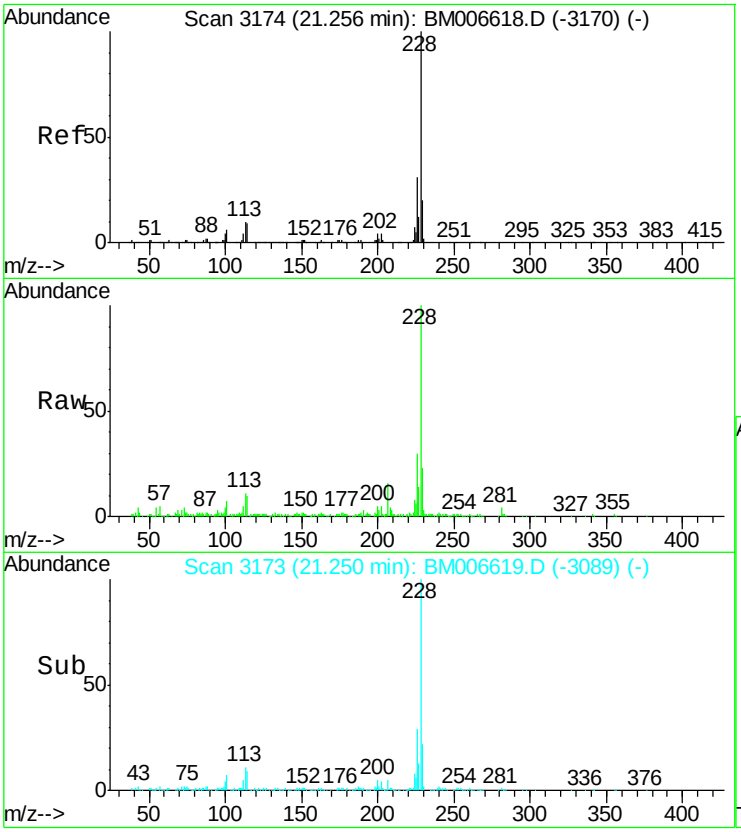


#32
Benzo(a)anthracene
Concen: 3.42 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Tgt Ion:228 Resp: 202765

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	29.1	21.0	31.4



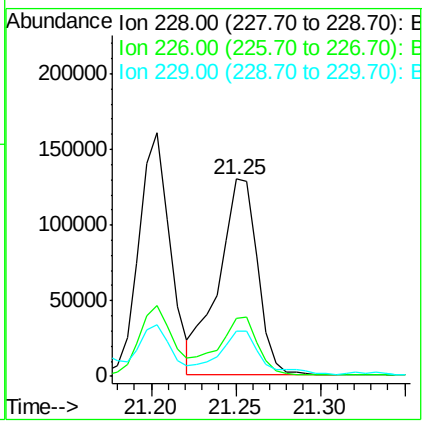


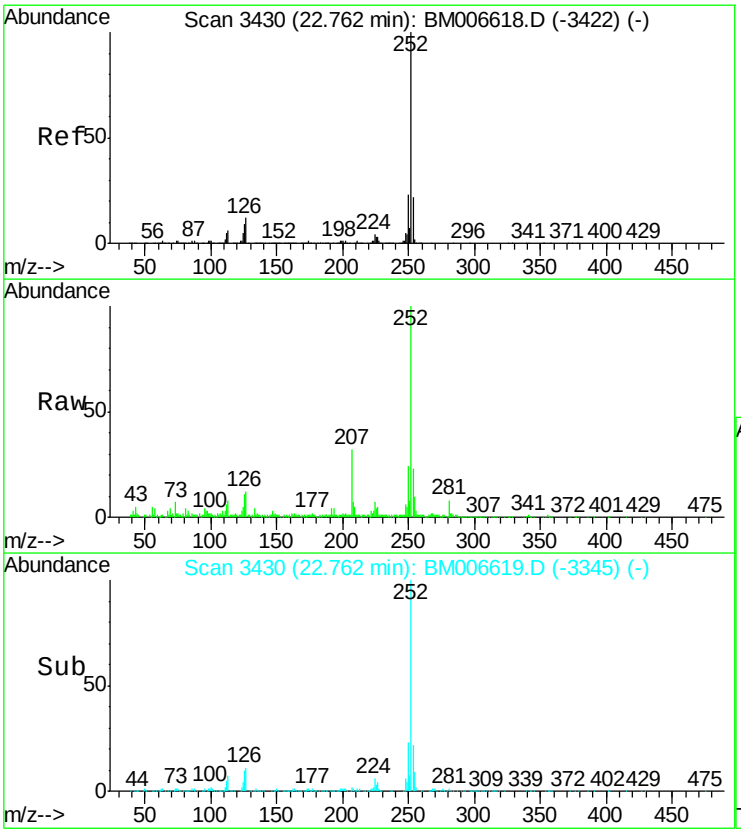
#33
Chrysene
Concen: 3.83 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Instrument :
BNA_M
ClientSampleId :
D9YP9

Tgt Ion:228 Resp: 209335

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.9	16.2	24.2





#35
Benzo(b)fluoranthene
Concen: 5.29 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.00 min
Lab File: BM006619.D
Acq: 22 Jul 2016 11:07

Tgt Ion:252 Resp: 314991

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.8	7.6	11.4