Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006806.D
Acq On : 01 Aug 2016 01:56
Operator : UM/SJ
Sample : H4188-15MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:30:41 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	255591	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	1034095	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	558143	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1238490	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1340316	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1426690	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	10078	1.59	ng/uL	0.00
3) Phenol-d5	6.79	99	318515	14.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	229594	17.04	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	277974	16.00	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	160404	9.51	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	144547	18.47	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	158381	19.03	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	271099	17.23	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	232928	13.45	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	839121	19.17	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1085630	19.44	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	81979	10.79	ng/ul	0.00
21) Fluorene-d10	15.26	176	754776	19.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	73802	11.48	ng/ul	0.00
26) Anthracene-d10	17.11	188	1154253	19.63	ng/ul	0.00
30) Pyrene-d10	19.42	212	1279252	20.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	1290508	19.66	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.32	153	630385	16.40	ng/ul	94
25) Phenanthrene	17.05	178	203796	2.93	ng/ul	99
28) Fluoranthene	19.08	202	488574	5.97	ng/ul	97
31) Pyrene	19.44	202	1788531	22.04	ng/ul	97
32) Benzo(a)anthracene	21.20	228	267611	3.29	ng/ul	97
33) Chrysene	21.20	228	267611	3.57	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	407895	4.77	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	407895	4.93	ng/ul	97
38) Benzo(a)pyrene	23.32	252	284137	3.41	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.63	276	229621	2.38	ng/ul	98
41) Benzo(g,h,i)perylene	26.30	276	228007	2.76	ng/ul#	95

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

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ALS Vial : 74 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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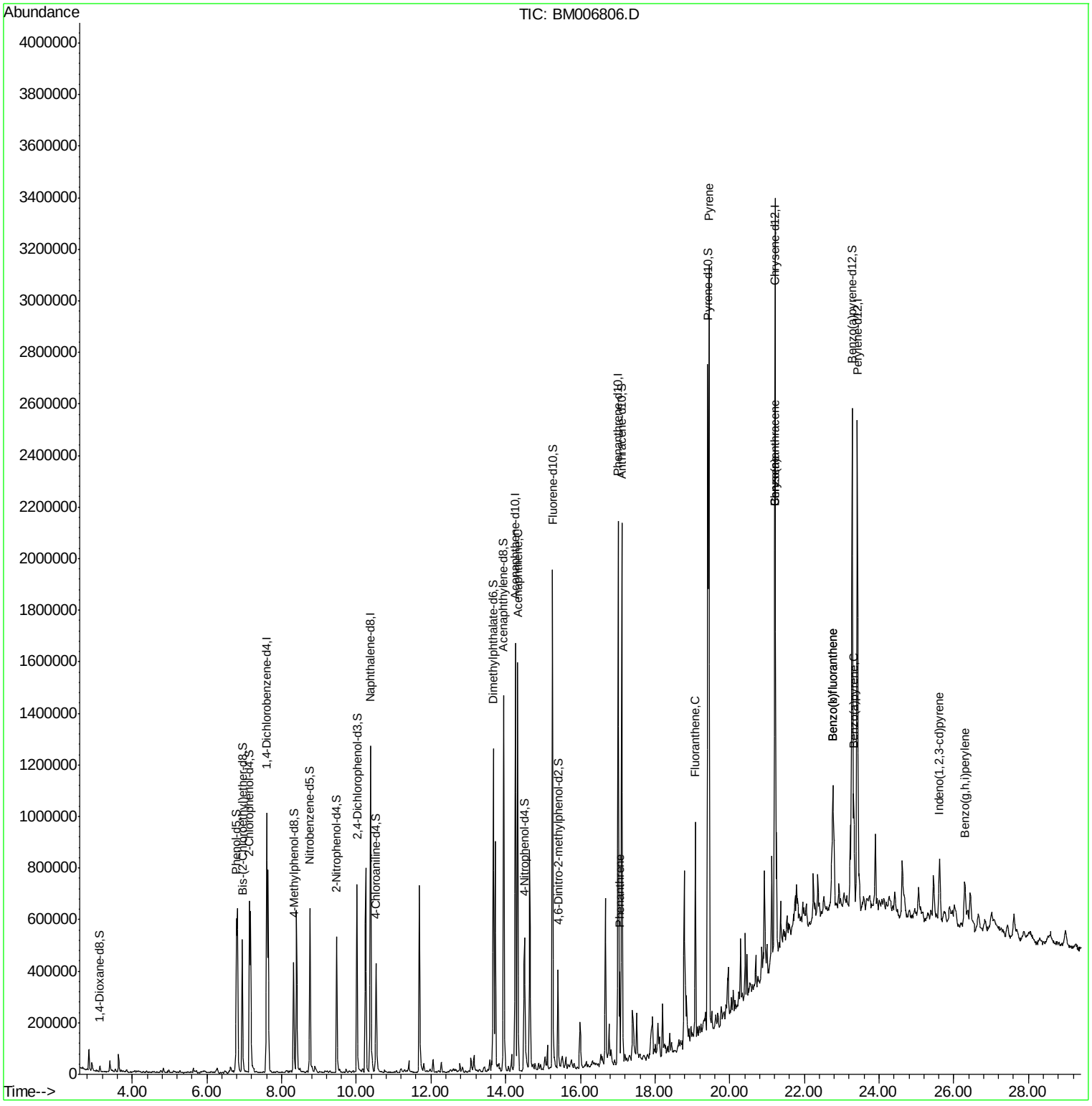
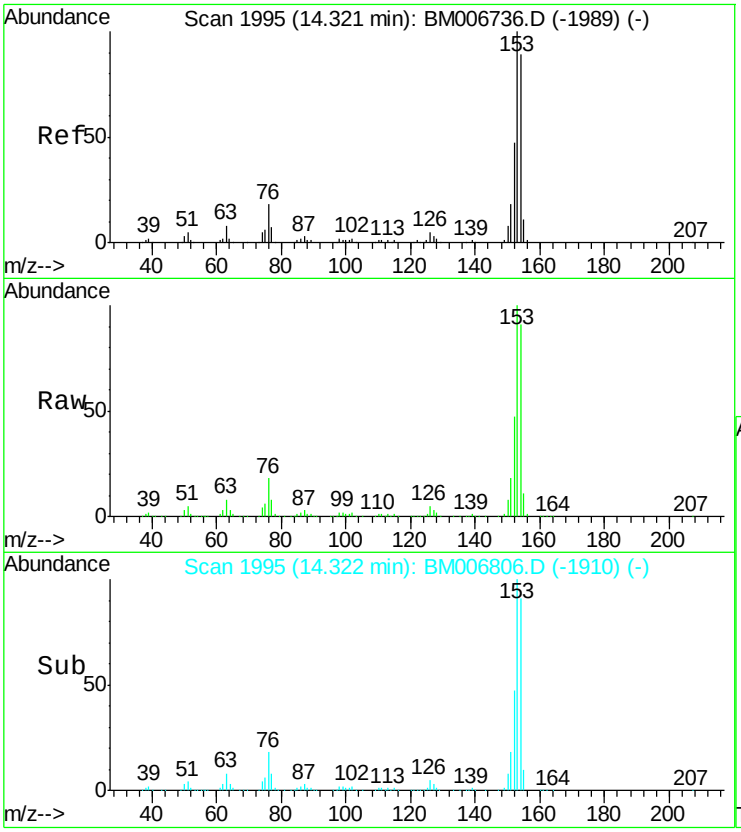


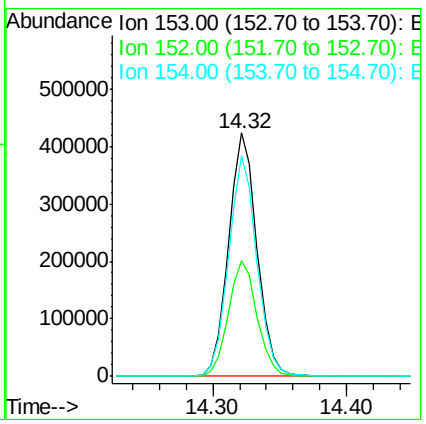


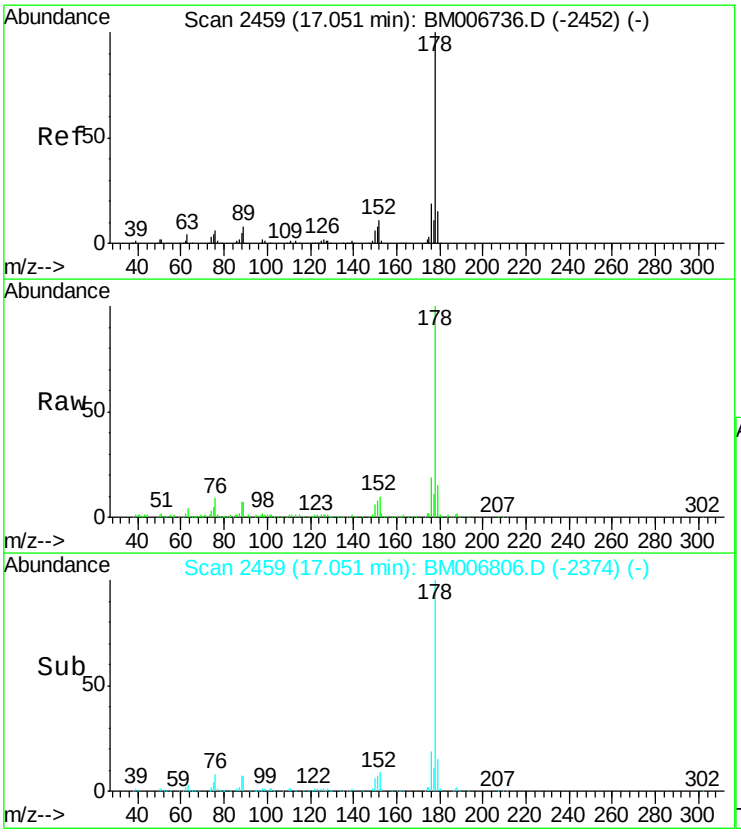
#19
Acenaphthene
Concen: 16.40 ng/ul
RT: 14.32 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 630385

Ion	Ratio	Lower	Upper
153	100		
152	47.5	36.5	54.7
154	90.8	67.3	100.9

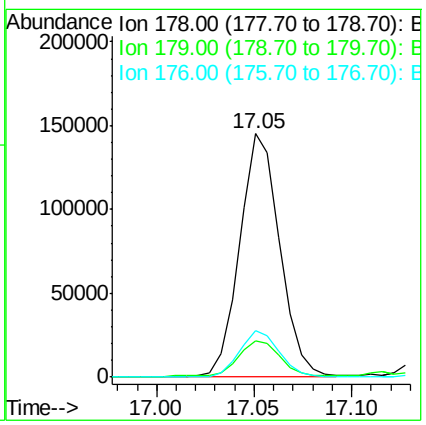


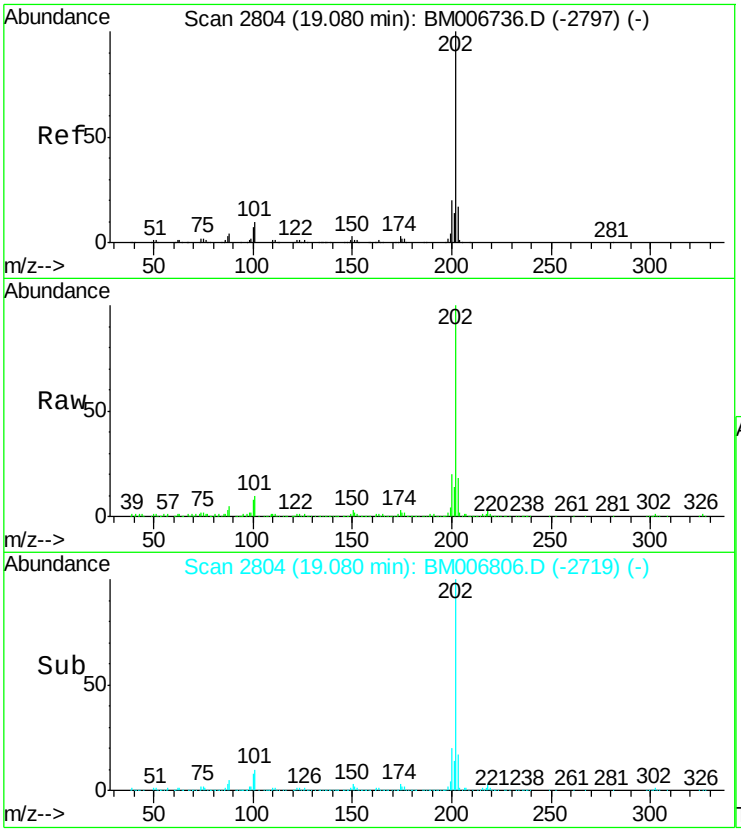


#25
Phenanthrene
Concen: 2.93 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Tgt Ion:178 Resp: 203796

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	19.3	14.8	22.2



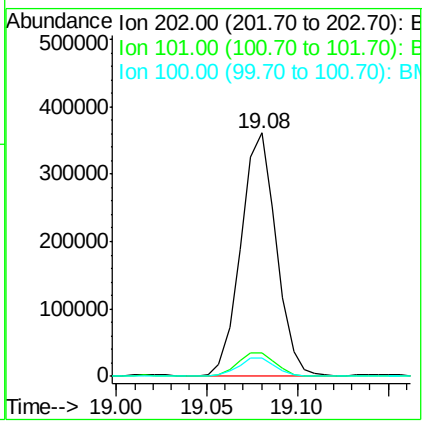


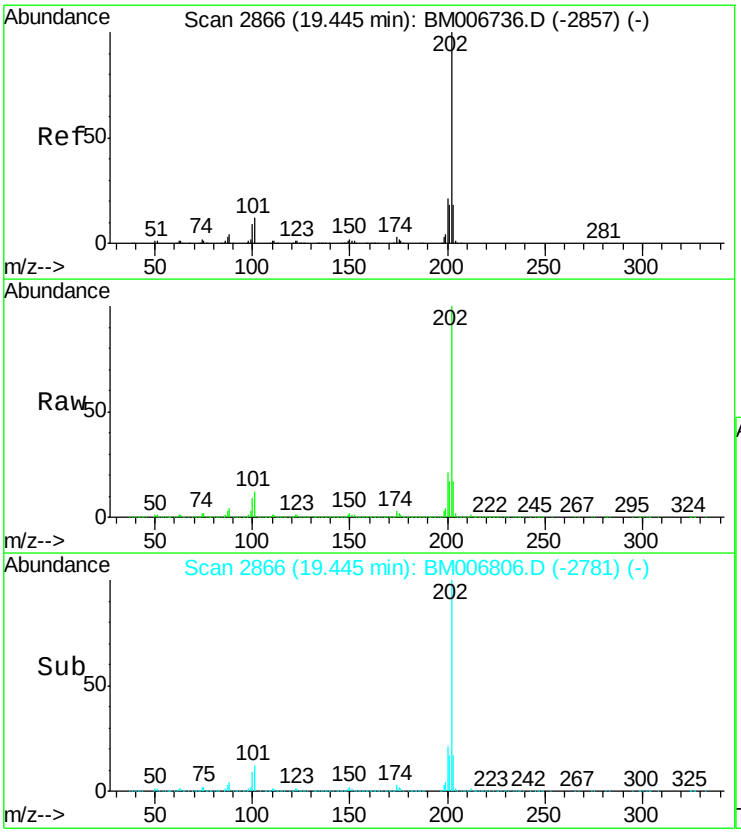
#28
Fluoranthene
Concen: 5.97 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 488574

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.9	13.3
100	7.7	7.0	10.4

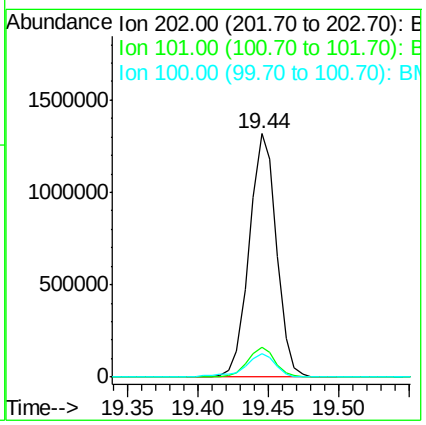


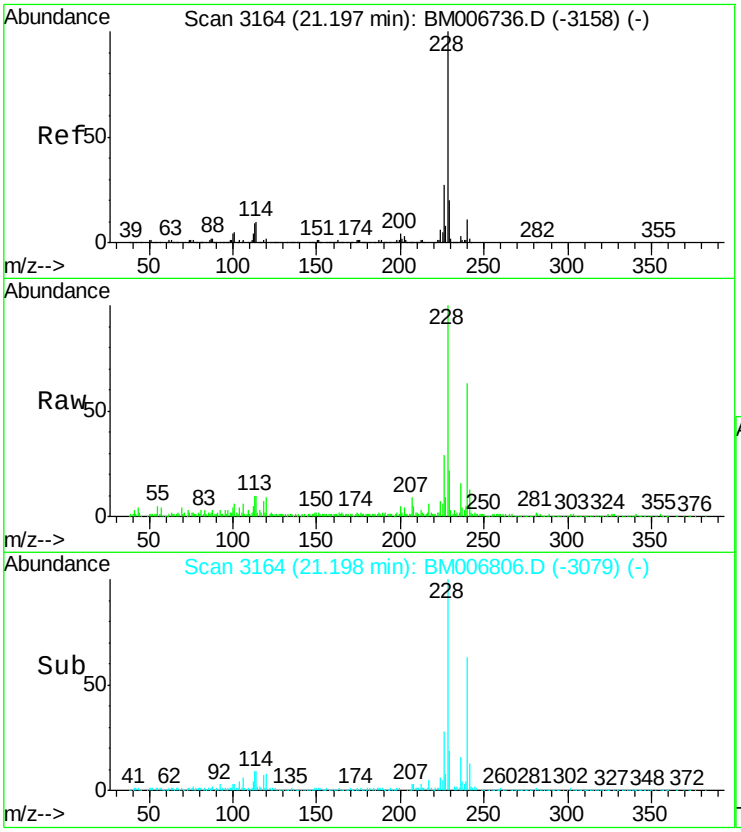


#31
Pyrene
Concen: 22.04 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Tgt Ion:202 Resp: 1788531

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.4	9.3	13.9



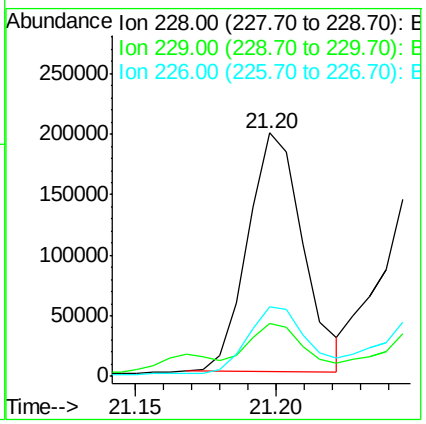


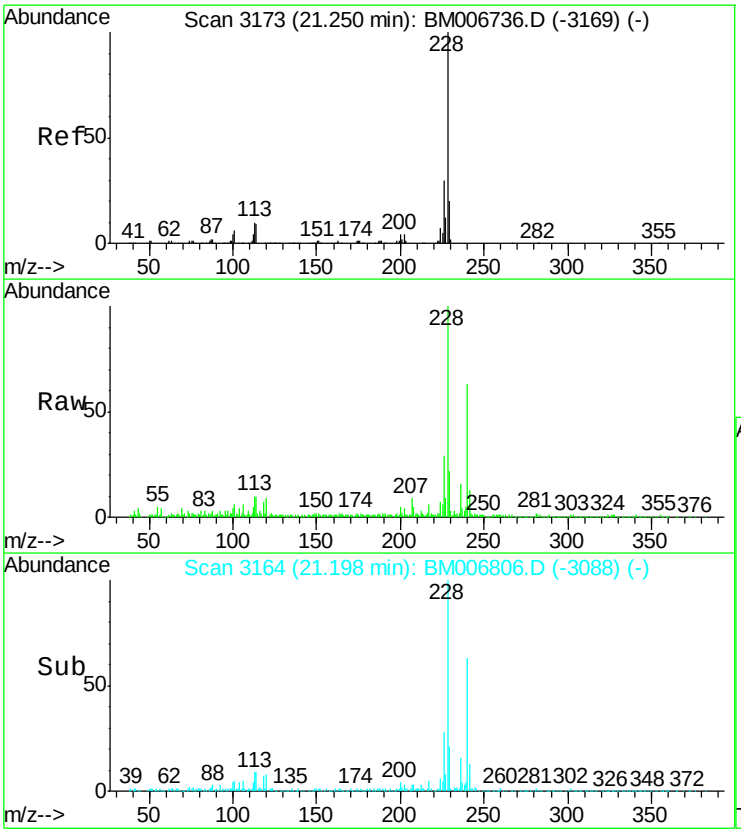
#32
Benzo(a)anthracene
Concen: 3.29 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 267611

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.6	25.0
226	28.6	21.0	31.4

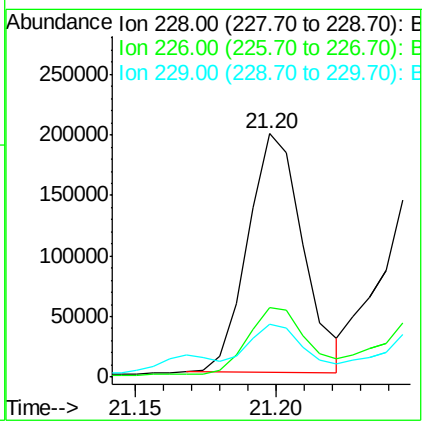


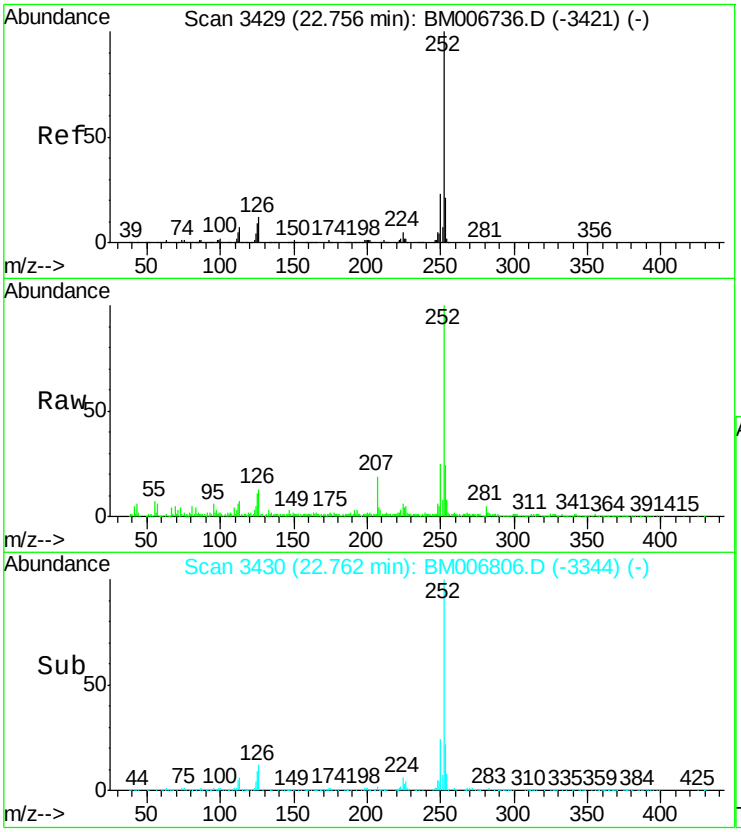


#33
Chrysene
Concen: 3.57 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.05 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Tgt Ion:228 Resp: 267611

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	21.6	16.2	24.2



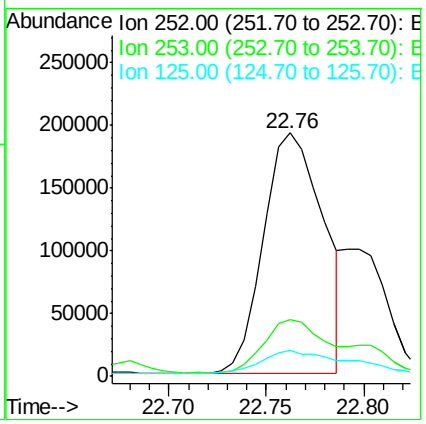


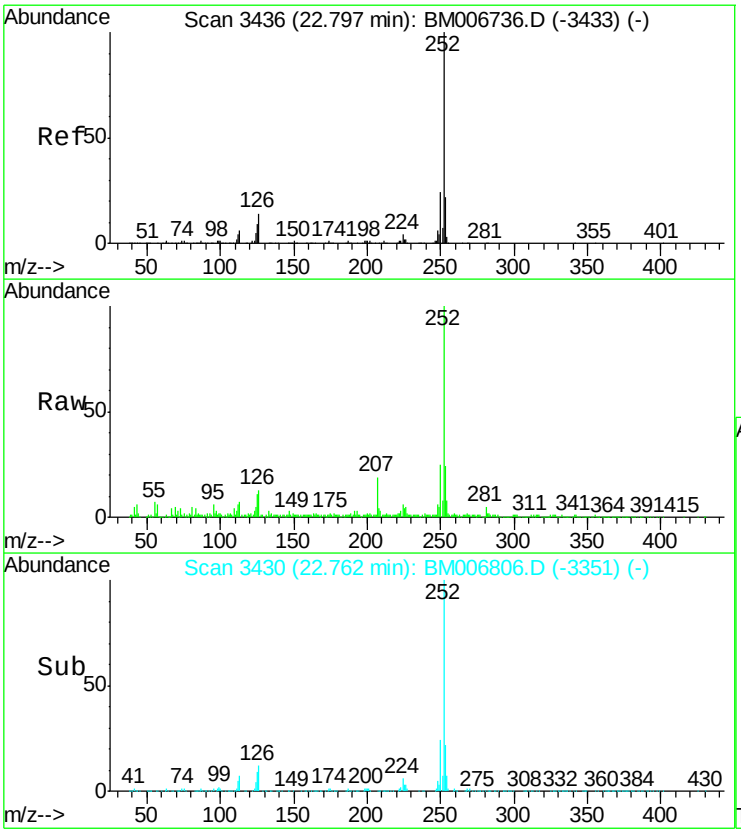
#35
Benzo(b)fluoranthene
Concen: 4.77 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 407895

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	10.5	7.6	11.4

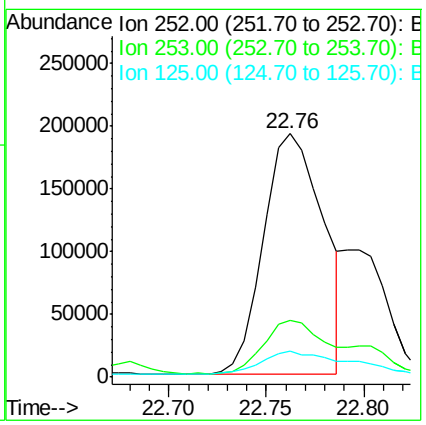


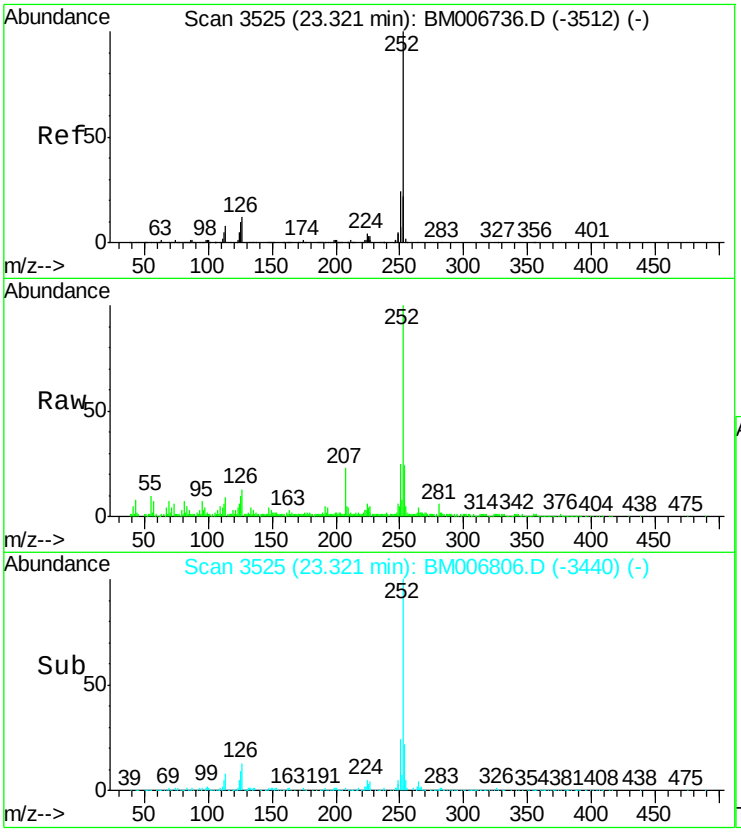


#36
Benzo(k)fluoranthene
Concen: 4.93 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Tgt Ion:252 Resp: 407895

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	10.5	7.7	11.5



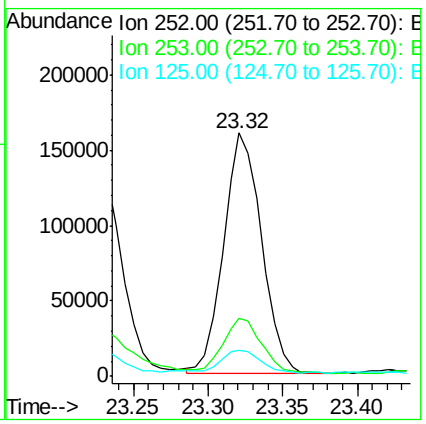


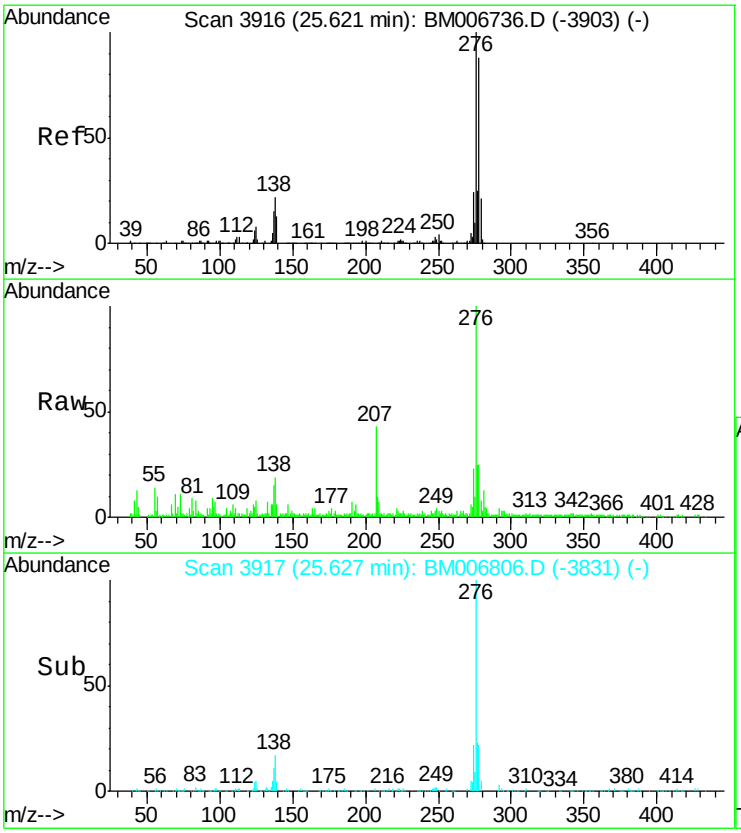
#38
Benzo(a)pyrene
Concen: 3.41 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 284137

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	10.5	8.2	12.2

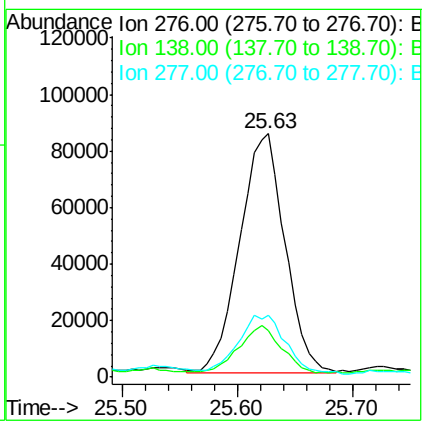


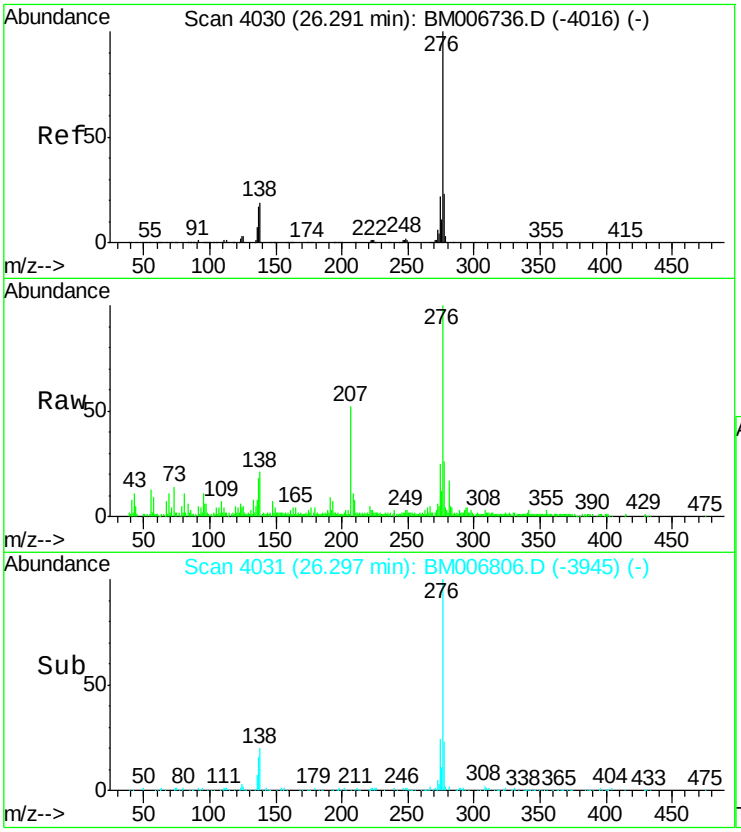


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.38 ng/ul
RT: 25.63 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Tgt Ion:276 Resp: 229621

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.8	23.6
277	25.4	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.76 ng/ul
RT: 26.30 min Scan# 4031
Delta R.T. 0.01 min
Lab File: BM006806.D
Acq: 01 Aug 2016 01:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 228007

Ion	Ratio	Lower	Upper
276	100		
138	21.1	13.9	20.9#
277	25.7	19.8	29.6