Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006135.D
Acq On : 29 Jun 2016 21:03
Operator : UM/SJ
Sample : H3779-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD8

Quant Time: Jun 30 03:30:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	221216	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1154664	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	735366	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1670666	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1445539	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1216593	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	8328	1.75	ng/uL	0.00
3) Phenol-d5	6.82	99	413953	22.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	266988	25.06	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	322690	23.26	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	285531	19.63	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	171592	22.06	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	195968	22.02	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	340731	20.98	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	431377	33.60	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1184173	22.46	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1443624	22.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	200976	20.09	ng/ul	0.00
21) Fluorene-d10	15.30	176	1027731	22.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	164203	27.75	ng/ul	0.00
26) Anthracene-d10	17.14	188	1507251	22.49	ng/ul	0.00
30) Pyrene-d10	19.44	212	1643451	28.23	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.31	264	1128709	23.31	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	877432	11.10	ng/ul	100
27) Anthracene	17.18	178	96971	1.19	ng/ul	98
28) Fluoranthene	19.11	202	1154891	11.93	ng/ul	99
31) Pyrene	19.47	202	887037	11.63	ng/ul	98
32) Benzo(a)anthracene	21.23	228	339106	4.51	ng/ul	98
33) Chrysene	21.28	228	367025	5.30	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	372147	5.89	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	372147	6.28	ng/ul	99
38) Benzo(a)pyrene	23.36	252	226336	3.79	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.67	276	159595	2.57	ng/ul#	92
41) Benzo(g,h,i)perylene	26.34	276	131357	2.53	ng/ul	99

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

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Instrument :
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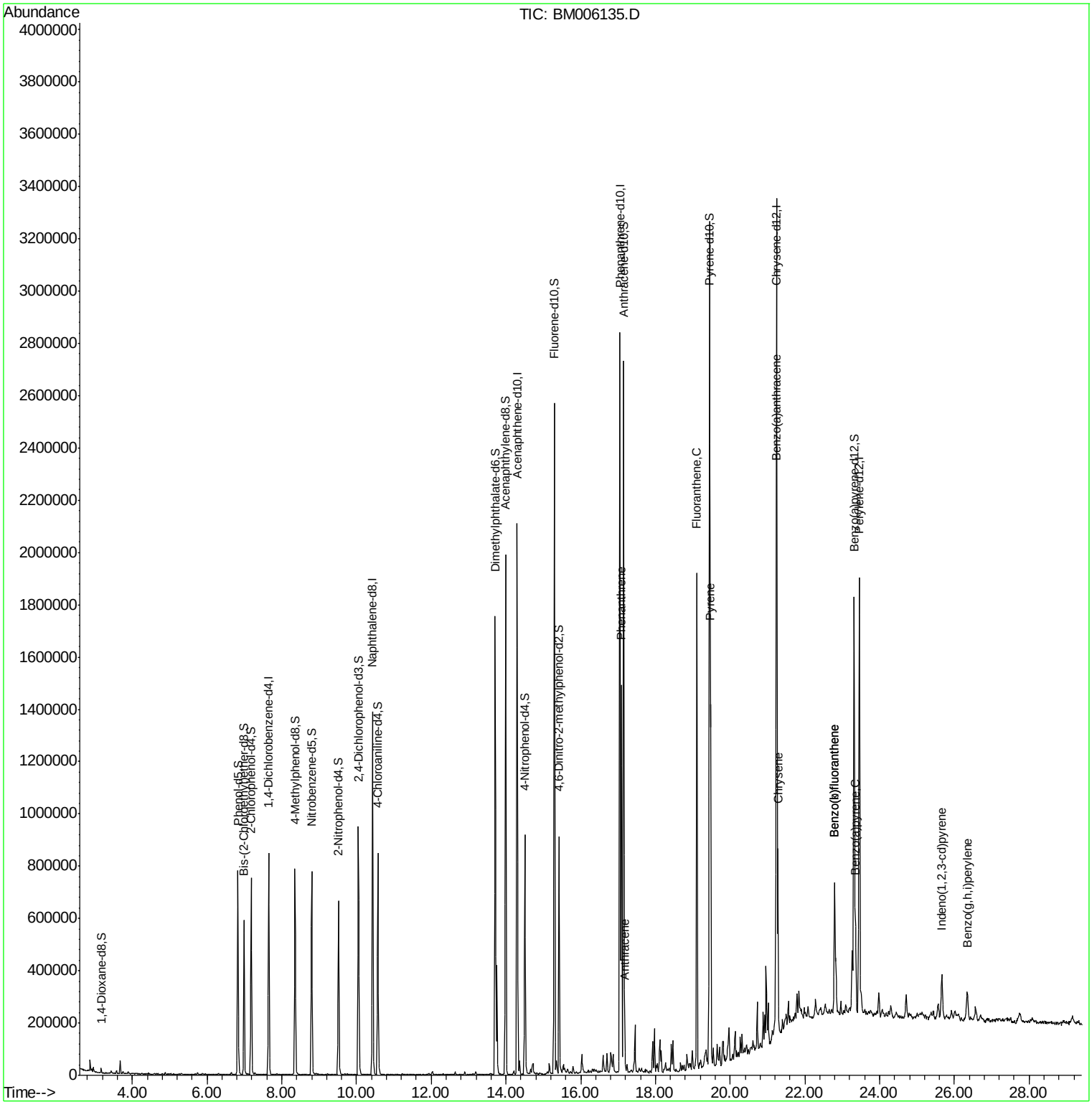
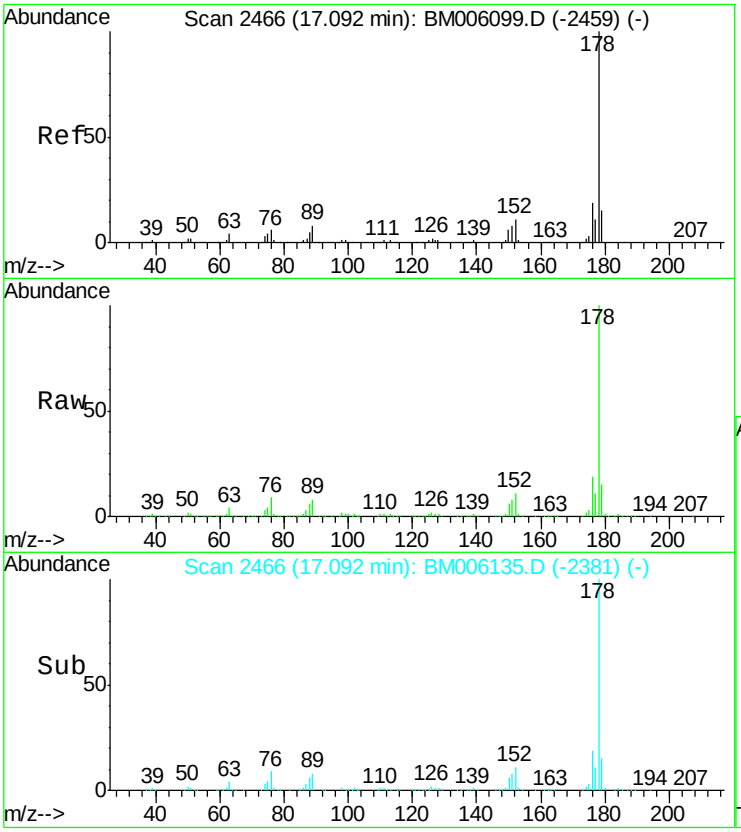


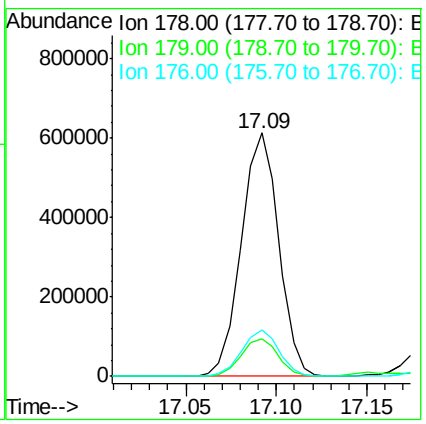


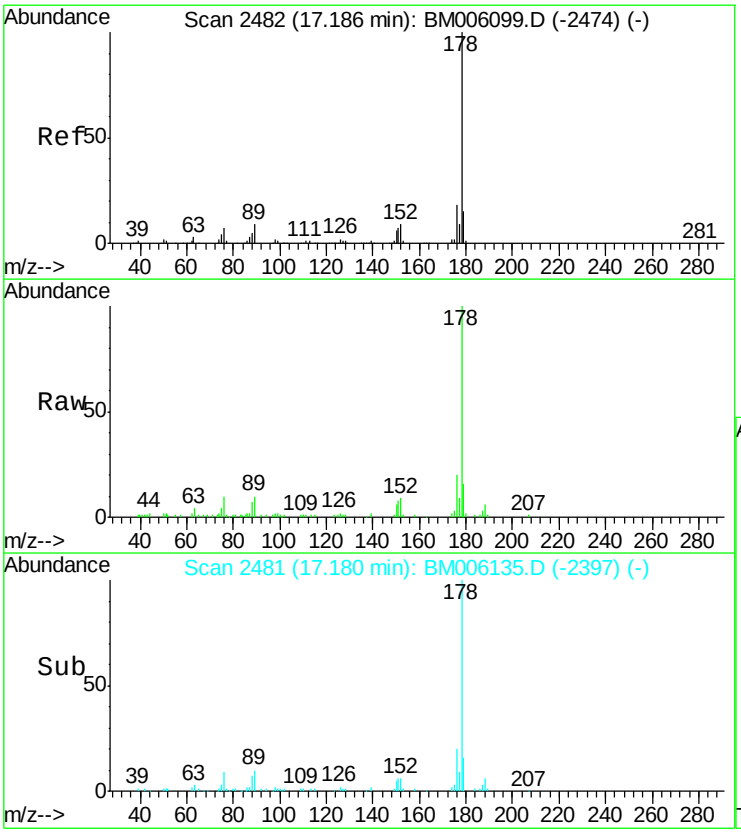
#25
Phenanthrene
Concen: 11.10 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9YD8

Tgt Ion:178 Resp: 877432

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.4	15.3	22.9

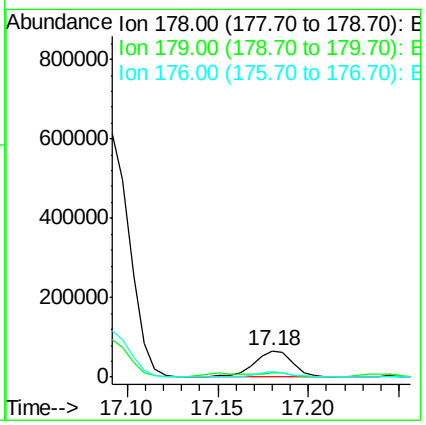


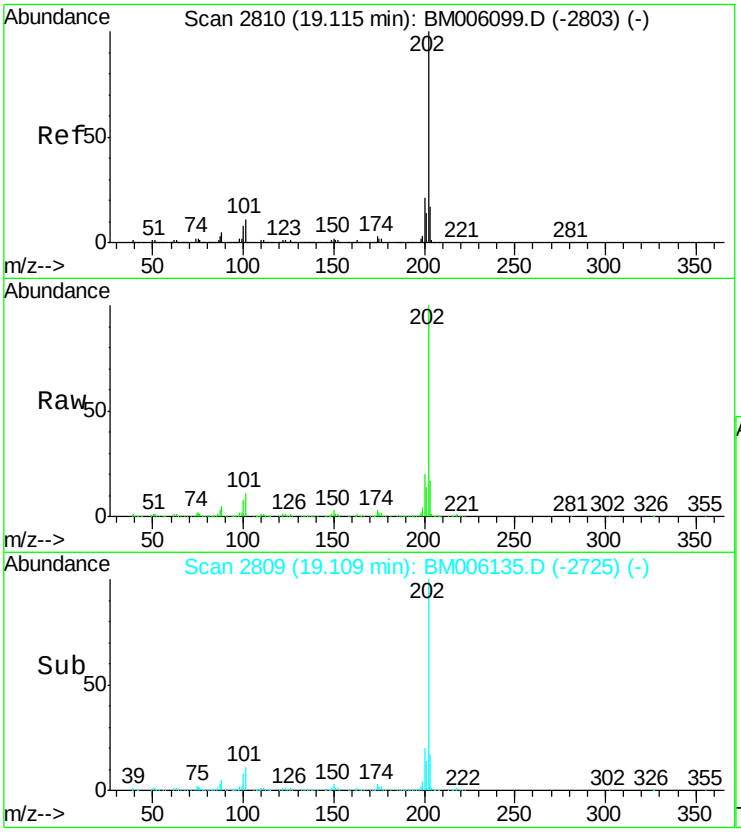


#27
Anthracene
Concen: 1.19 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Tgt Ion:178 Resp: 96971

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.6	14.6	22.0



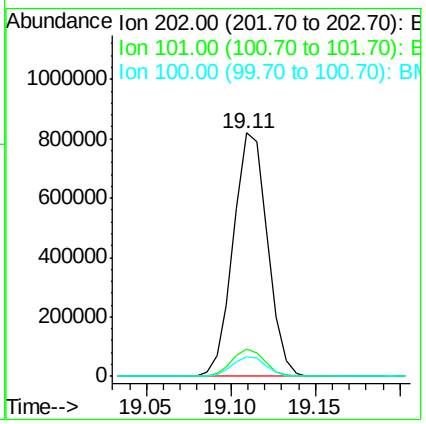


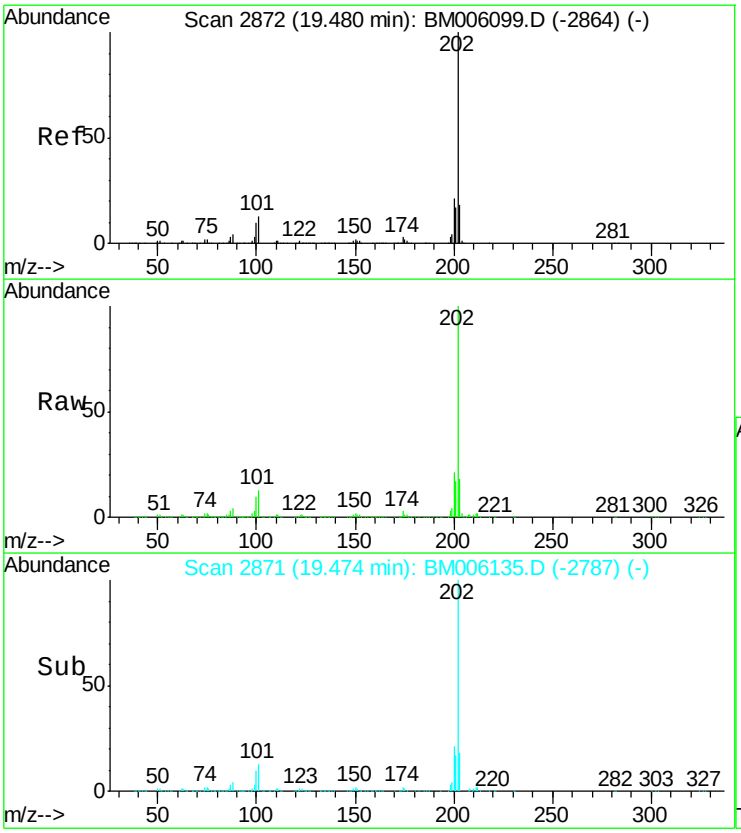
#28
Fluoranthene
Concen: 11.93 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9YD8

Tgt Ion:202 Resp: 1154891

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.5	12.7
100	8.3	6.5	9.7

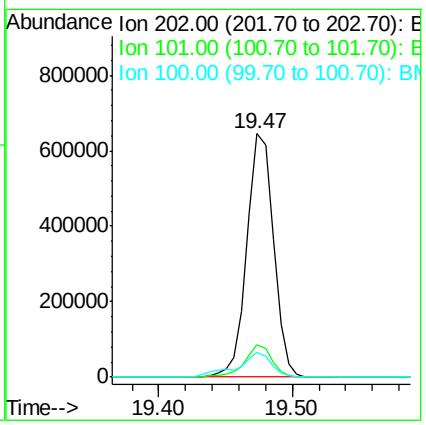


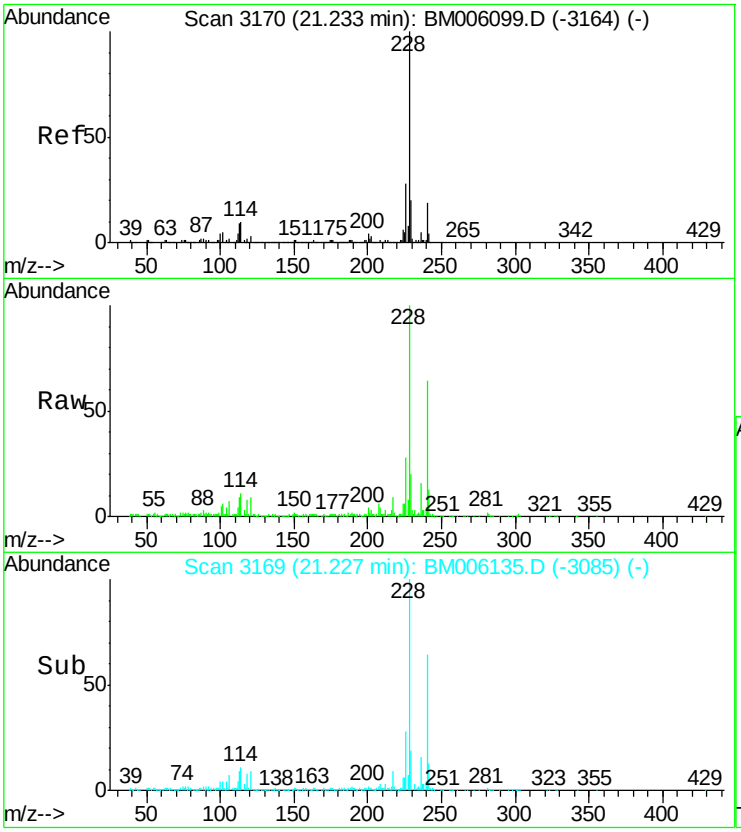


#31
Pyrene
Concen: 11.63 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Tgt Ion:202 Resp: 887037

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.0	16.4
100	10.4	8.9	13.3



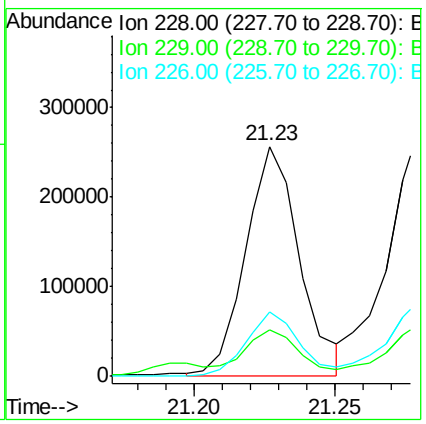


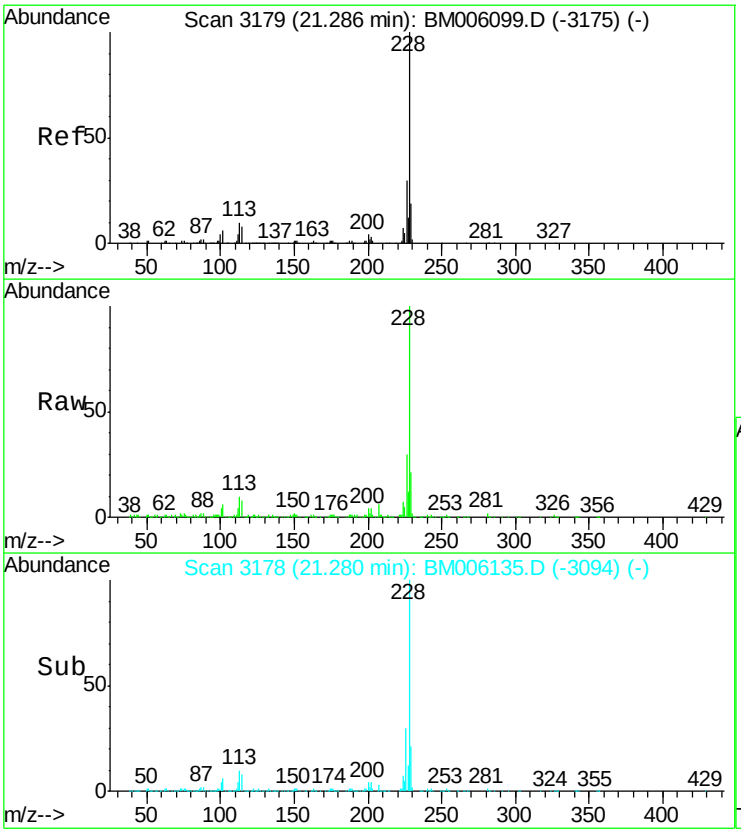
#32
Benzo(a)anthracene
Concen: 4.51 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9YD8

Tgt Ion:228 Resp: 339106

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.9	21.6	32.4

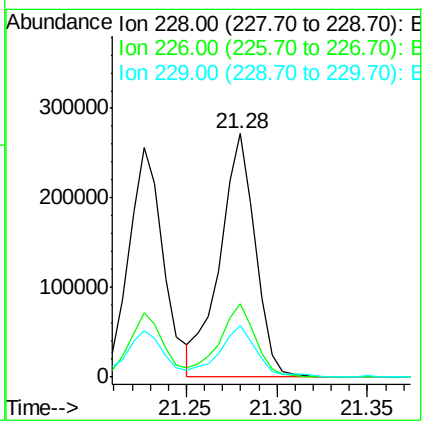


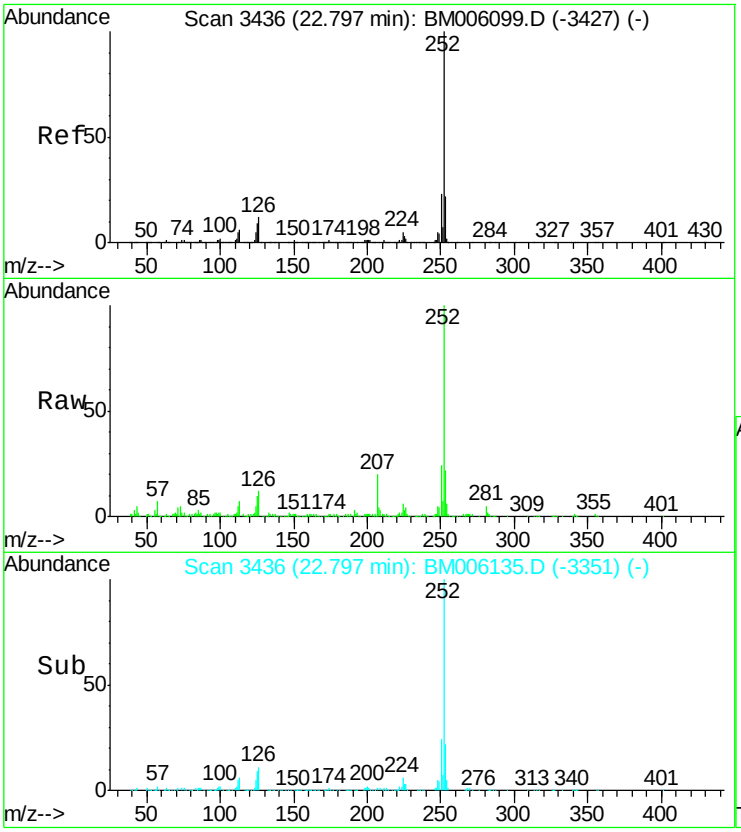


#33
Chrysene
Concen: 5.30 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Tgt Ion:228 Resp: 367025

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	21.0	15.8	23.6



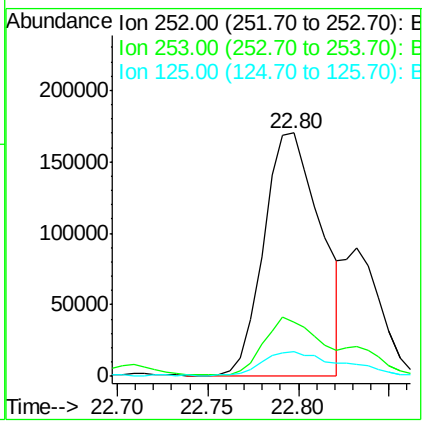


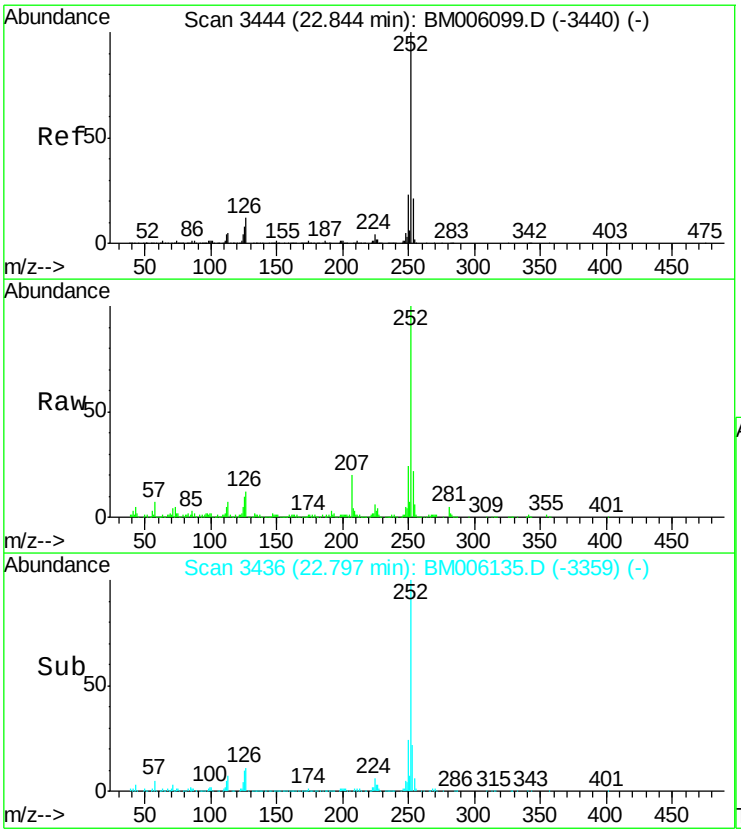
#35
Benzo(b)fluoranthene
Concen: 5.89 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9YD8

Tgt Ion:252 Resp: 372147

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.0	7.8	11.6

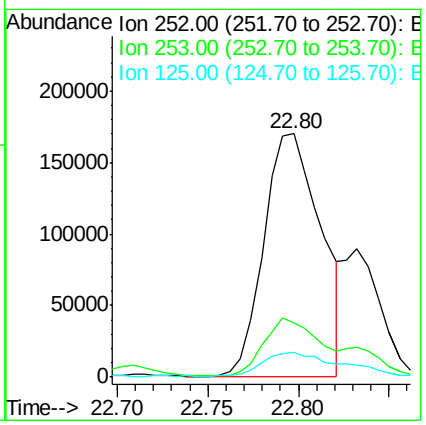


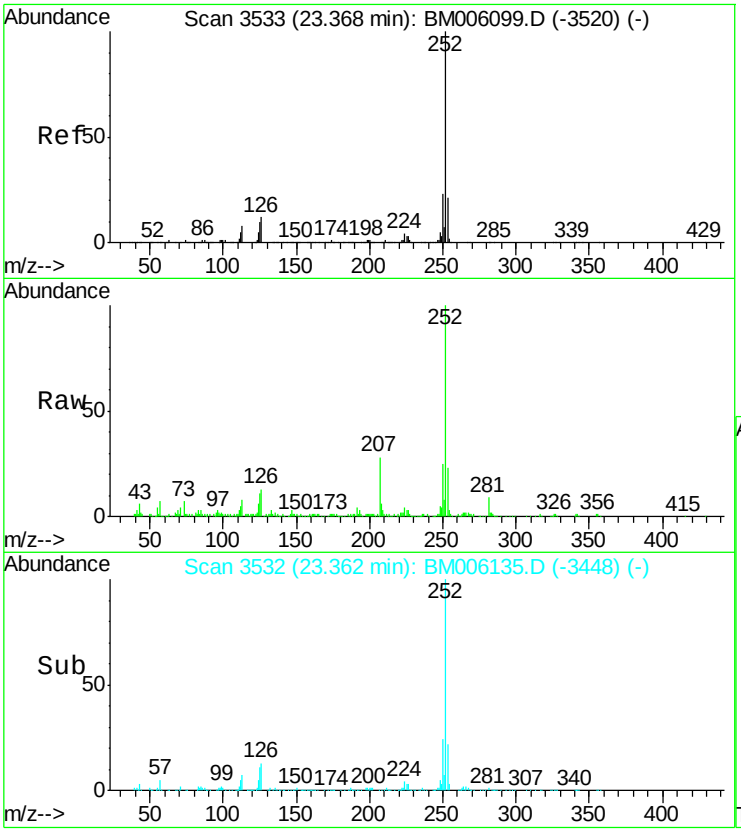


#36
Benzo(k)fluoranthene
Concen: 6.28 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Tgt Ion:252 Resp: 372147

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.0	8.1	12.1



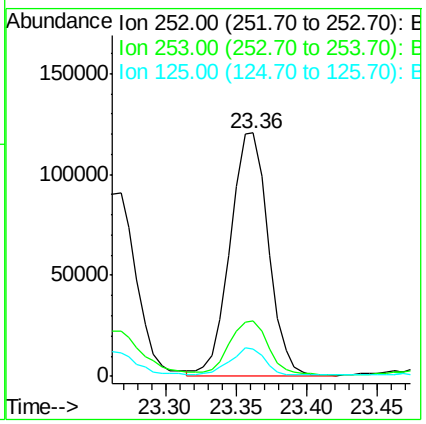


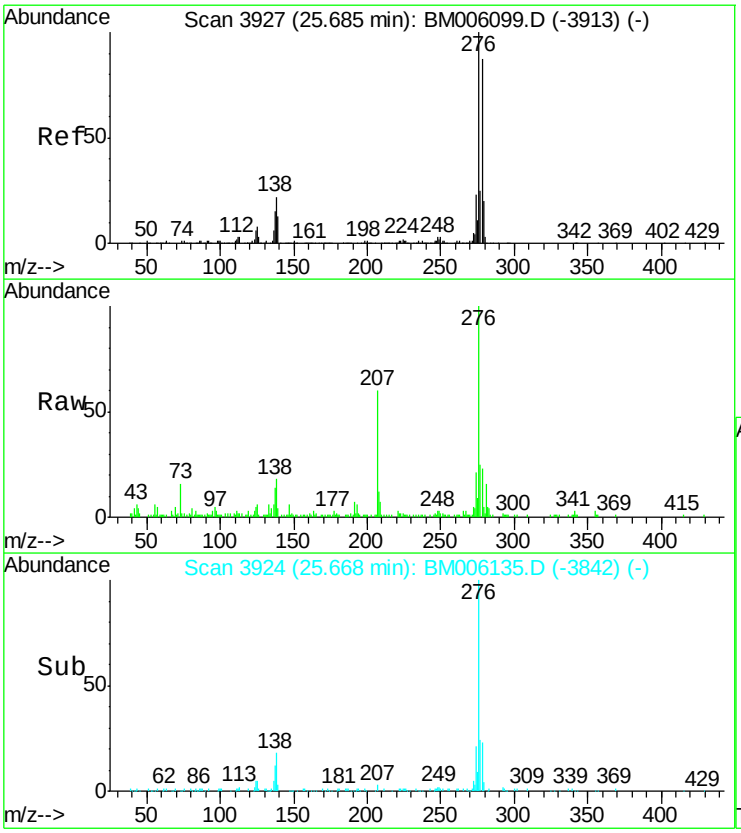
#38
Benzo(a)pyrene
Concen: 3.79 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9YD8

Tgt Ion:252 Resp: 226336

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.2	8.7	13.1

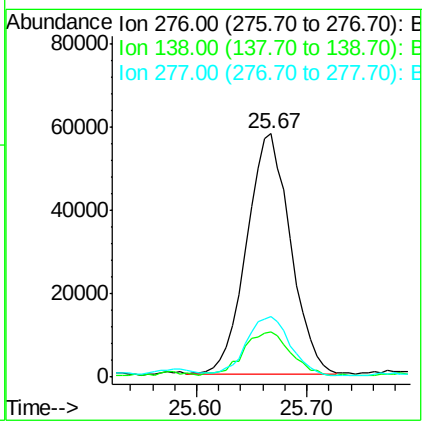


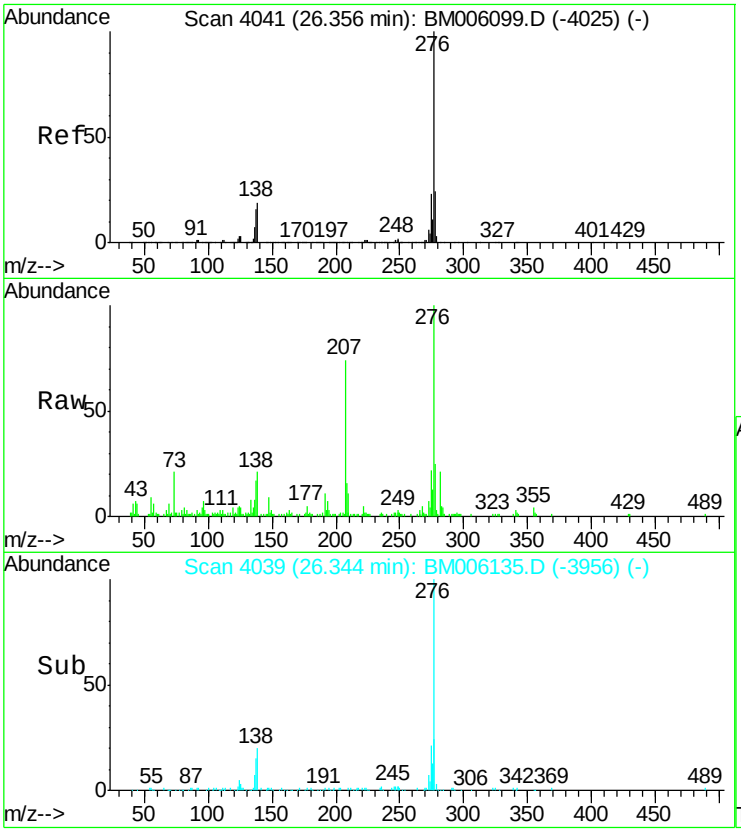


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Tgt Ion:276 Resp: 159595

Ion	Ratio	Lower	Upper
276	100		
138	18.4	20.4	30.6#
277	24.8	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 2.53 ng/ul
RT: 26.34 min Scan# 4039
Delta R.T. -0.01 min
Lab File: BM006135.D
Acq: 29 Jun 2016 21:03

Instrument :
BNA_M
ClientSampleId :
D9YD8

Tgt Ion:276 Resp: 131357

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.6	25.0
277	24.8	18.9	28.3