Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006532.D
Acq On : 19 Jul 2016 20:59
Operator : UM/SJ
Sample : H4029-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJA6

Quant Time: Jul 20 04:24:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	186110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	765548	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	420620	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	941833	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1103313	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1201163	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	9037	2.04	ng/uL	0.00
5) Phenol-d5	6.79	99	321414	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	209965	22.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	257137	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	252228	20.81	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	118787	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	123881	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	231142	18.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	320170	24.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	712735	20.70	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	903546	21.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	86533	14.47	ng/ul	0.00
57) Fluorene-d10	15.26	176	645733	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	64831	11.90	ng/ul	0.00
70) Anthracene-d10	17.12	188	990032	22.24	ng/ul	0.00
76) Pyrene-d10	19.42	212	1127674	22.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1246354	22.69	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.44	128	279613	7.20	ng/ul	97
30) 4-Chloroaniline	10.45	127	35749	2.65	ng/ul#	1
44) Dimethylphthalate	13.72	163	259969	7.44	ng/ul	99
49) Acenaphthene	14.33	153	39172	1.37	ng/ul	96
58) Fluorene	15.32	166	47901	1.44	ng/ul	92
69) Phenanthrene	17.06	178	320816	6.19	ng/ul	99
71) Anthracene	17.14	178	174289	3.27	ng/ul	99
74) Fluoranthene	19.08	202	411305	6.83	ng/ul	99
77) Pyrene	19.44	202	348212	5.29	ng/ul	99
80) Benzo(a)anthracene	21.24	228	243883	3.62	ng/ul	92
82) Chrysene	21.24	228	244171	3.85	ng/ul	95
85) Benzo(b)fluoranthene	22.75	252	259857	3.62	ng/ul	97
86) Benzo(k)fluoranthene	22.75	252	259857	3.85	ng/ul	97
88) Benzo(a)pyrene	23.31	252	212856	3.10	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.60	276	131224	1.64	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	103996	1.47	ng/ul	96

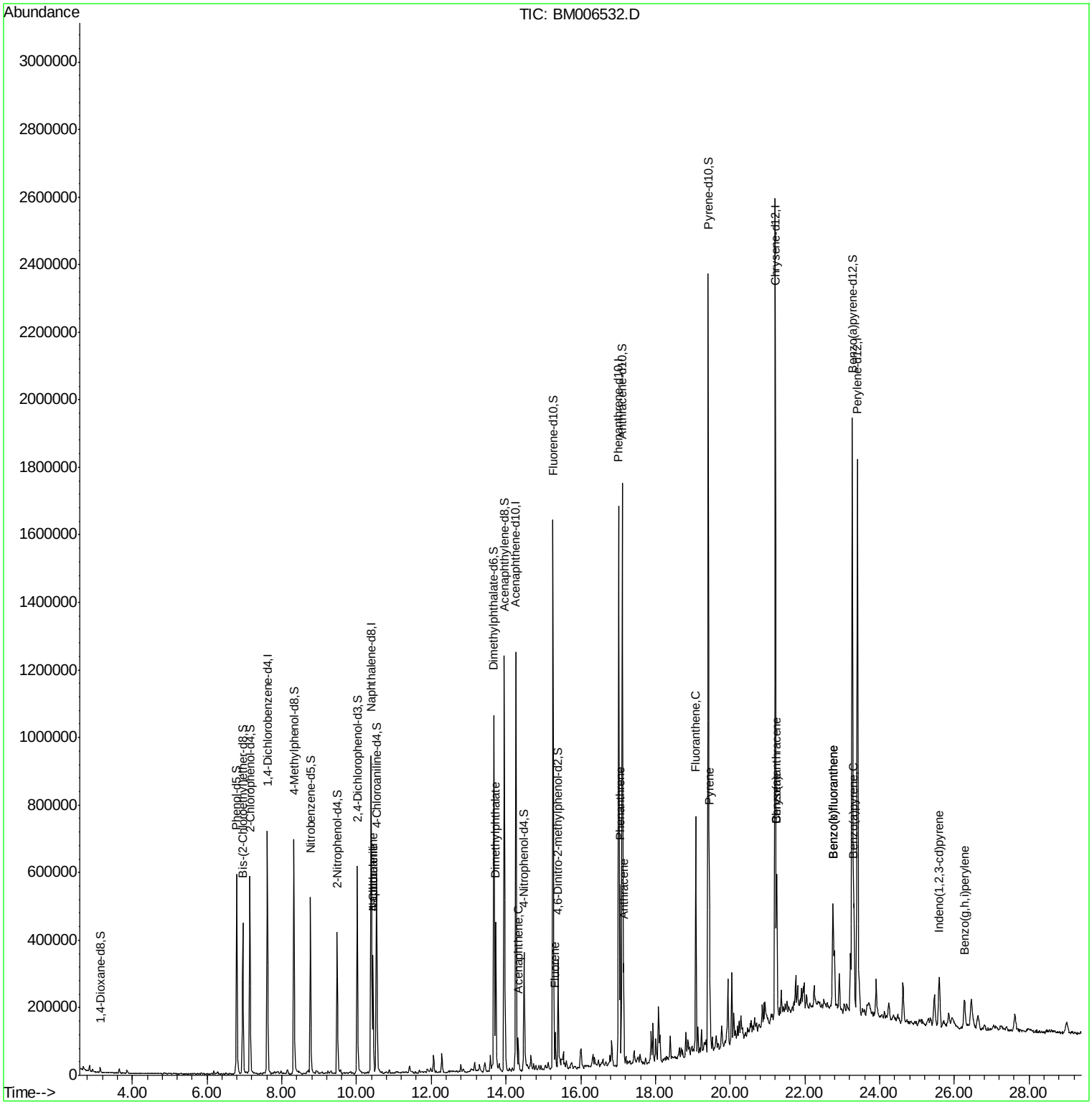
(#) = qualifier out of range (m) = manual integration (+) = signals summed

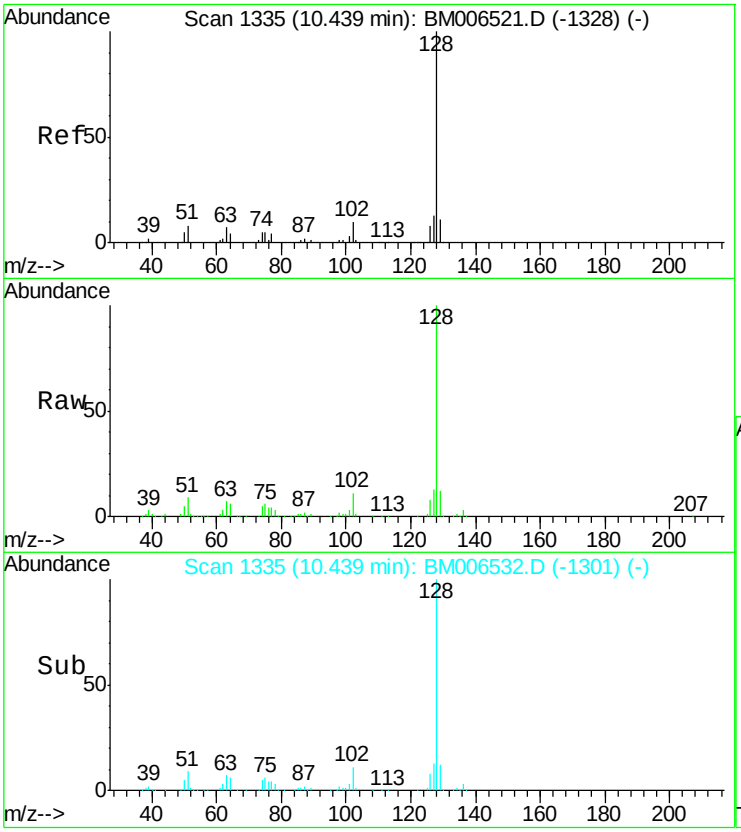
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006532.D
Acq On : 19 Jul 2016 20:59
Operator : UM/SJ
Sample : H4029-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJA6

Quant Time: Jul 20 04:24:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration



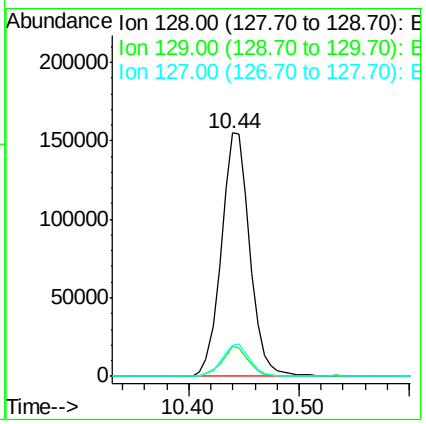


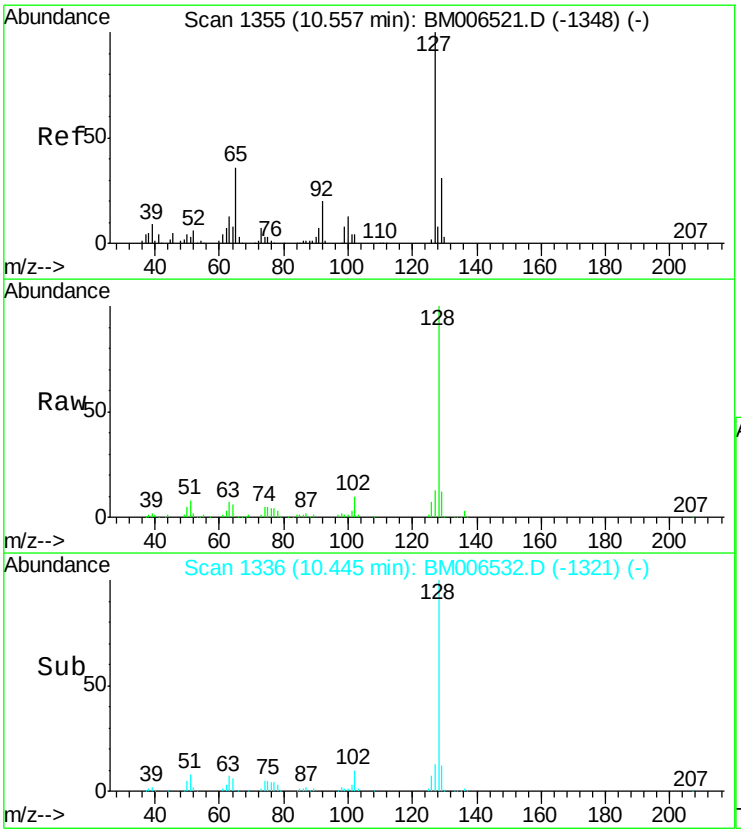
#28
Naphthalene
Concen: 7.20 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:128 Resp: 279613

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	13.0
127	12.9	10.9	16.3

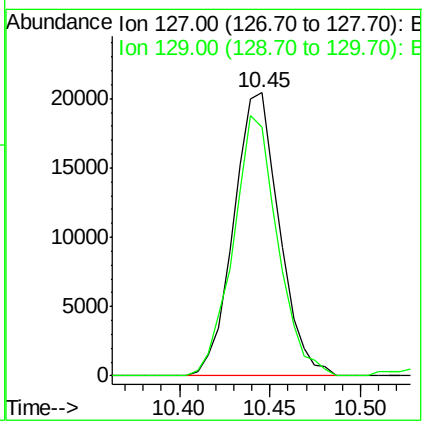


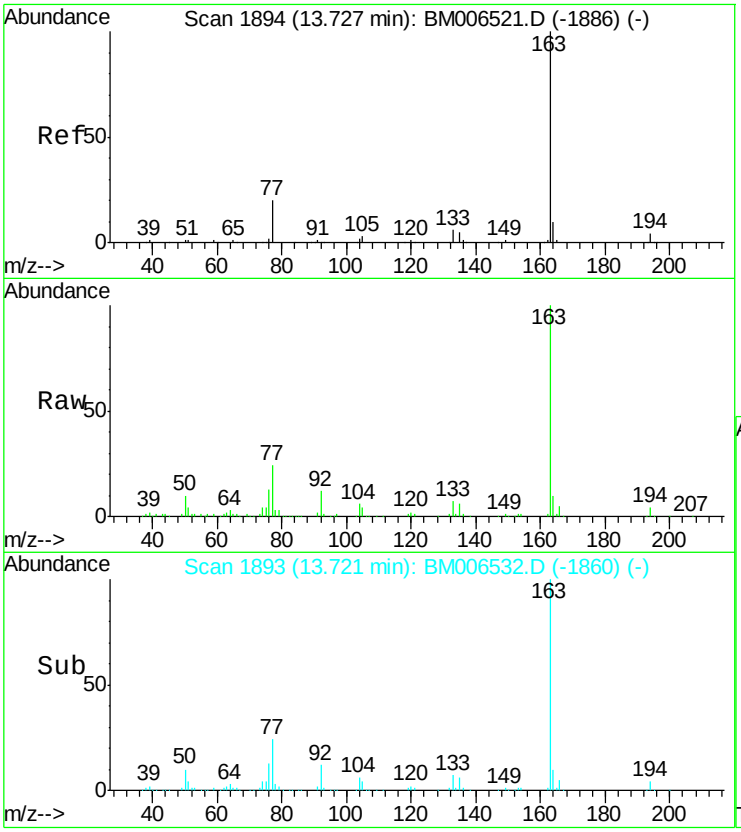


#30
4-Chloroaniline
Concen: 2.65 ng/ul
RT: 10.45 min Scan# 1336
Delta R.T. -0.11 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:127 Resp: 35749

Ion	Ratio	Lower	Upper
127	100		
129	88.0	24.6	37.0#



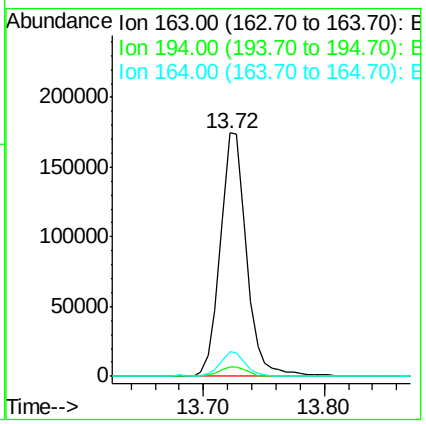


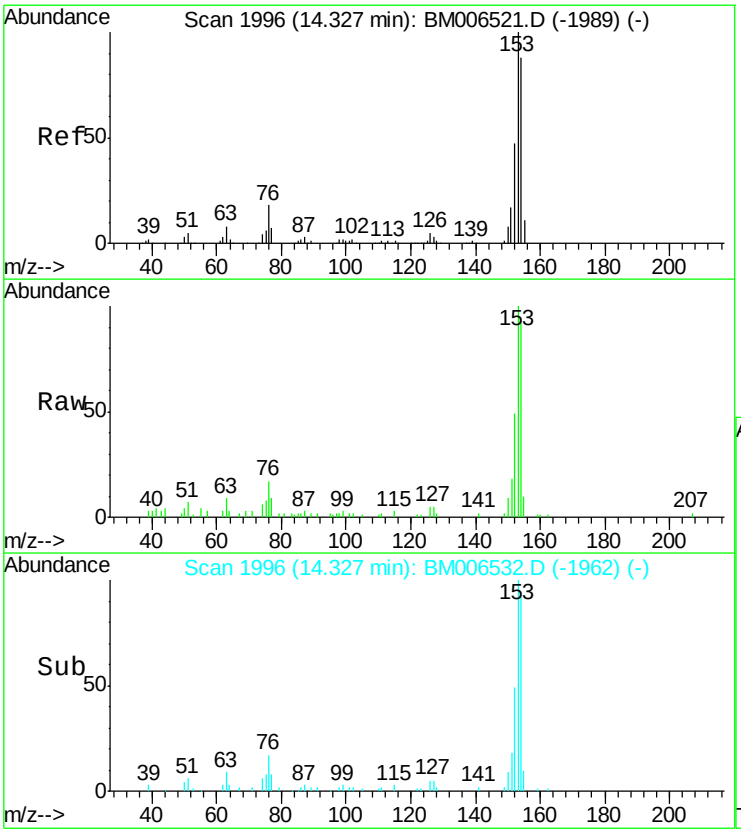
#44
Dimethylphthalate
Concen: 7.44 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:163 Resp: 259969

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.1	7.8	11.8

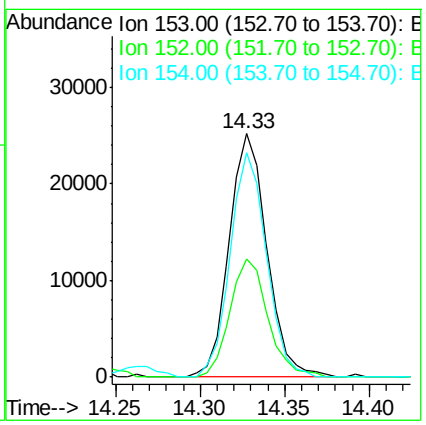


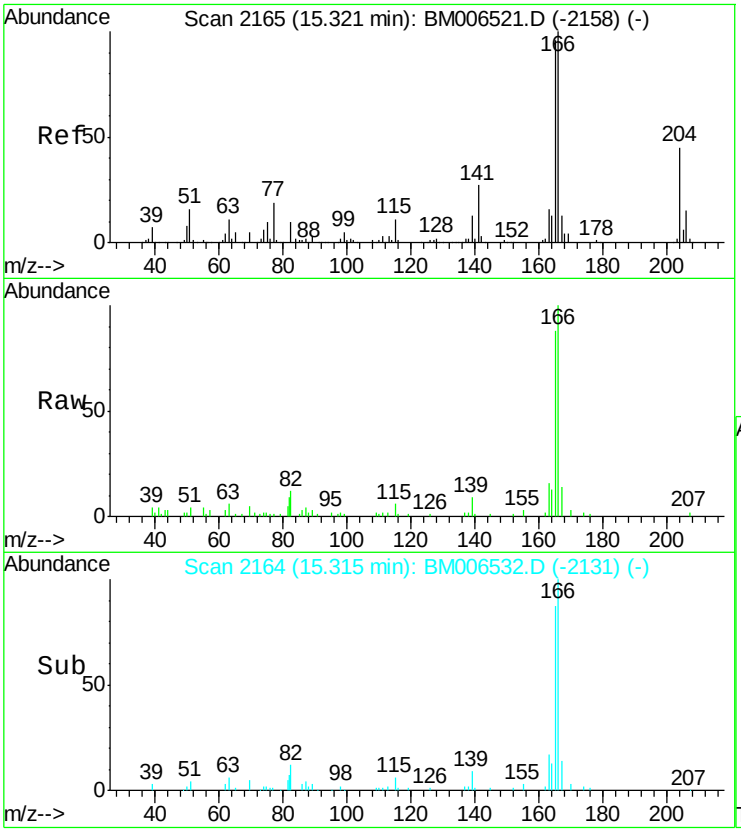


#49
Acenaphthene
Concen: 1.37 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:153 Resp: 39172

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.7	56.5
154	92.0	70.0	105.0



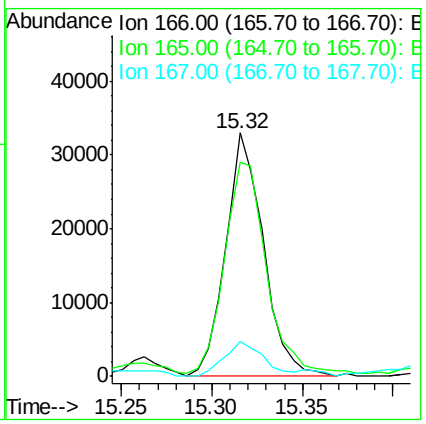


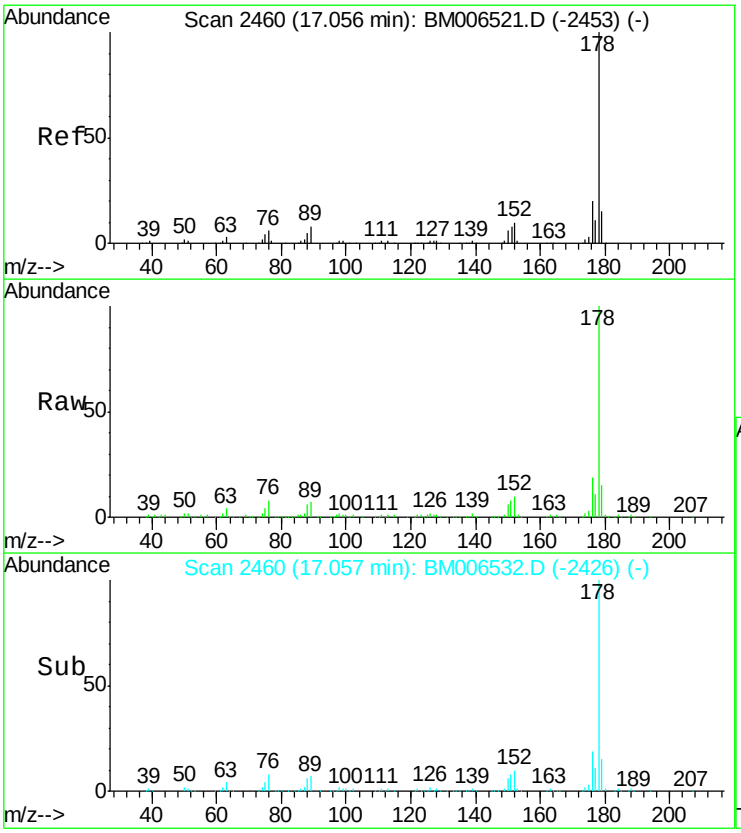
#58
Fluorene
Concen: 1.44 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:166 Resp: 47901

Ion	Ratio	Lower	Upper
166	100		
165	87.9	77.5	116.3
167	14.2	10.8	16.2

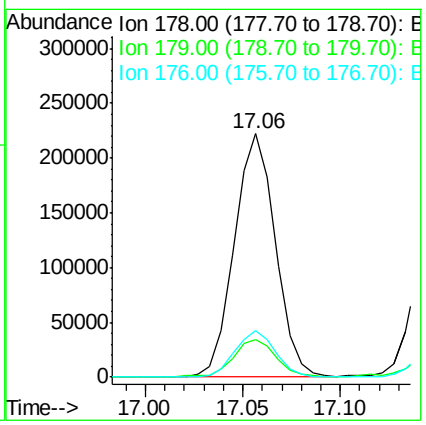


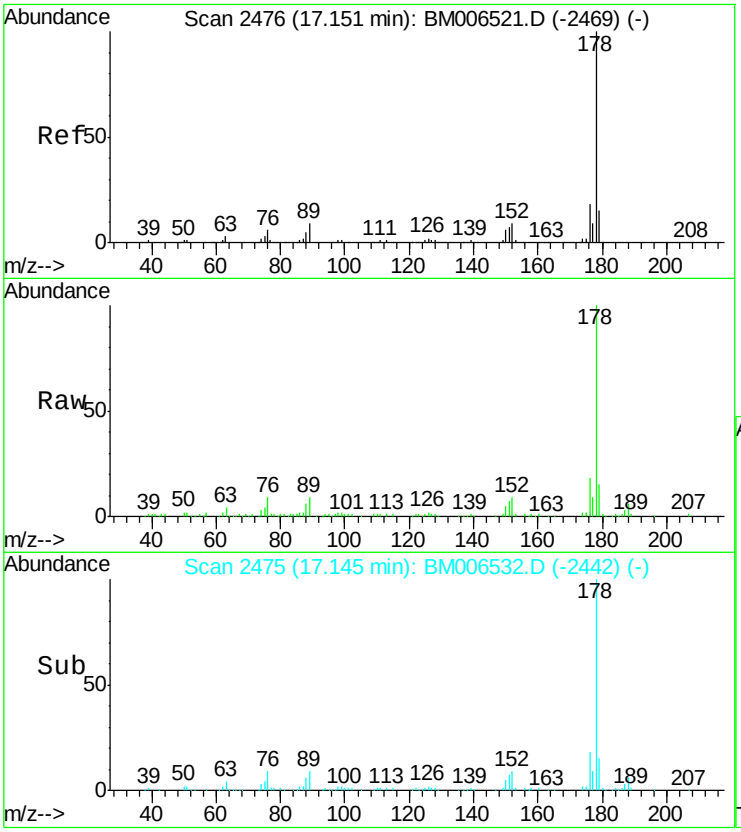


#69
Phenanthrene
Concen: 6.19 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:178 Resp: 320816

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	19.0	15.2	22.8



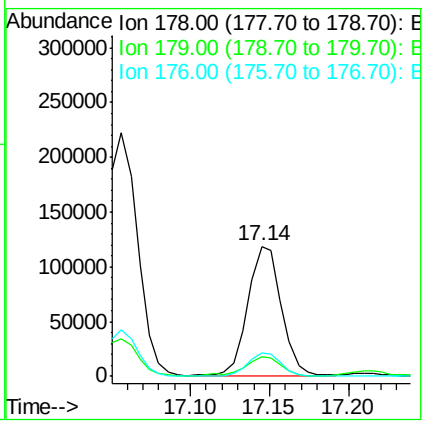


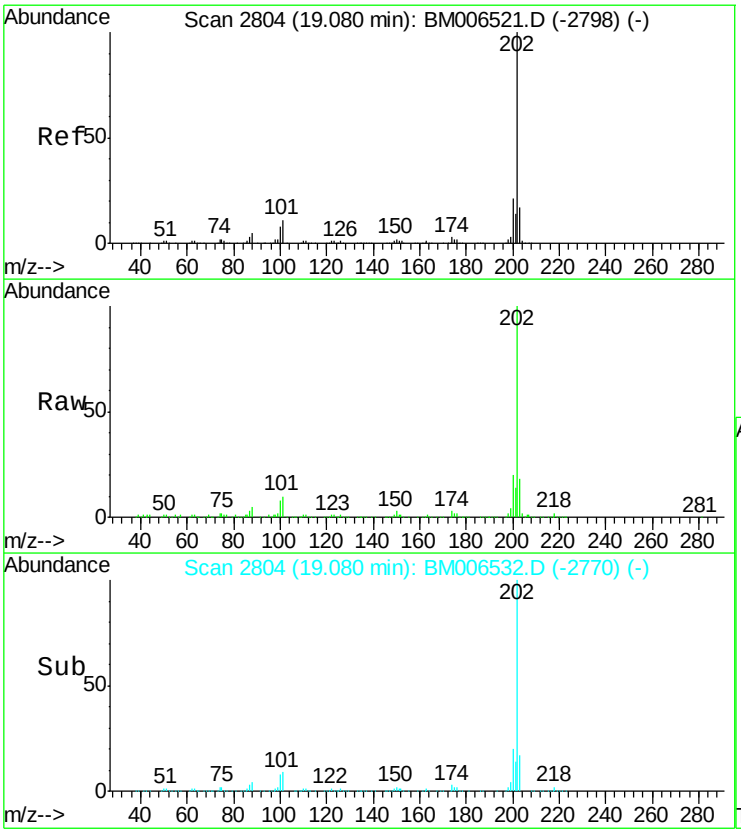
#71
Anthracene
Concen: 3.27 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:178 Resp: 174289

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.4	15.0	22.6

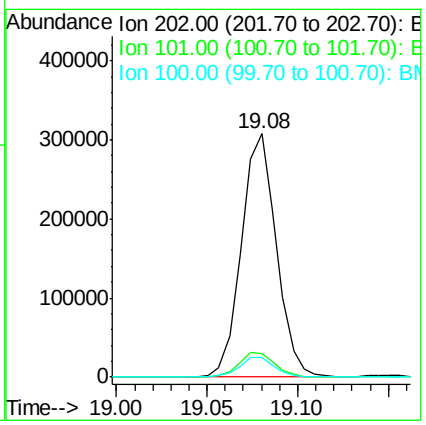


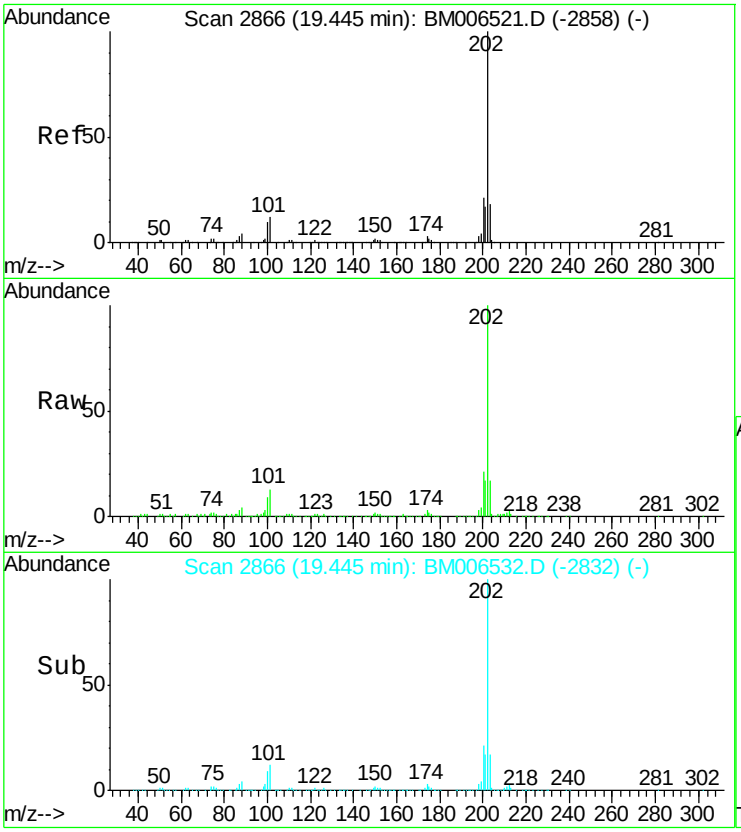


#74
Fluoranthene
Concen: 6.83 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:202 Resp: 411305

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.6	12.8
100	8.0	6.4	9.6



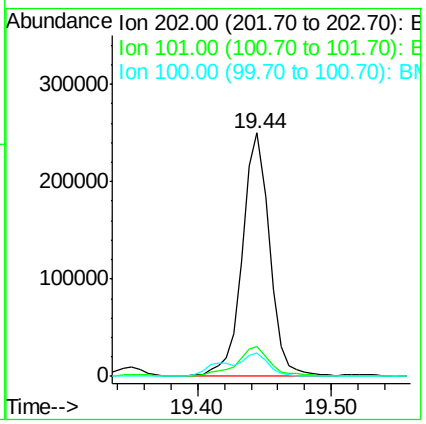


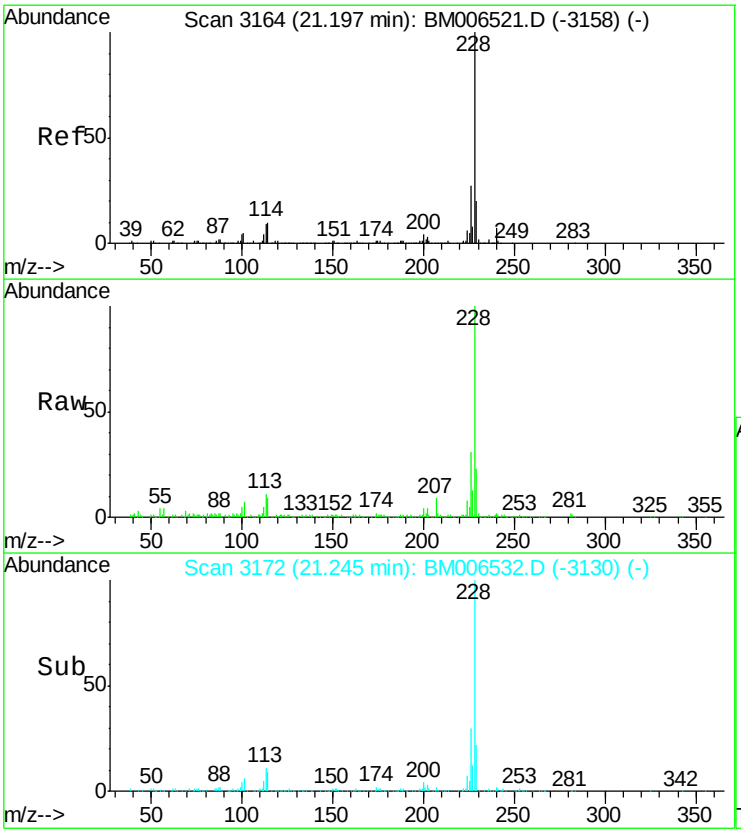
#77
Pyrene
Concen: 5.29 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:202 Resp: 348212

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	9.4	7.9	11.9

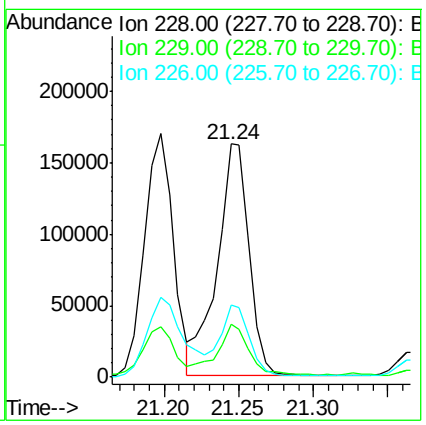


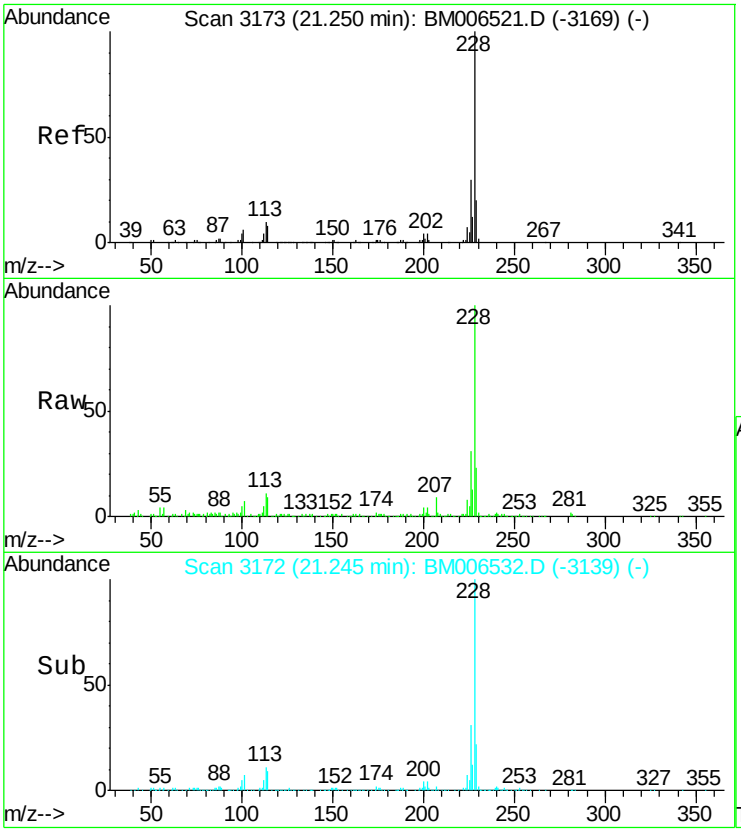


#80
Benzo(a)anthracene
Concen: 3.62 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.05 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:228 Resp: 243883

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.6	23.4
226	31.0	21.4	32.2



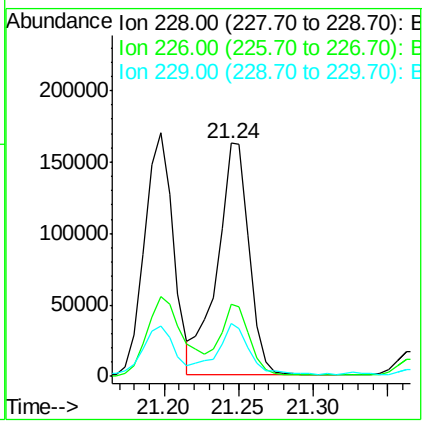


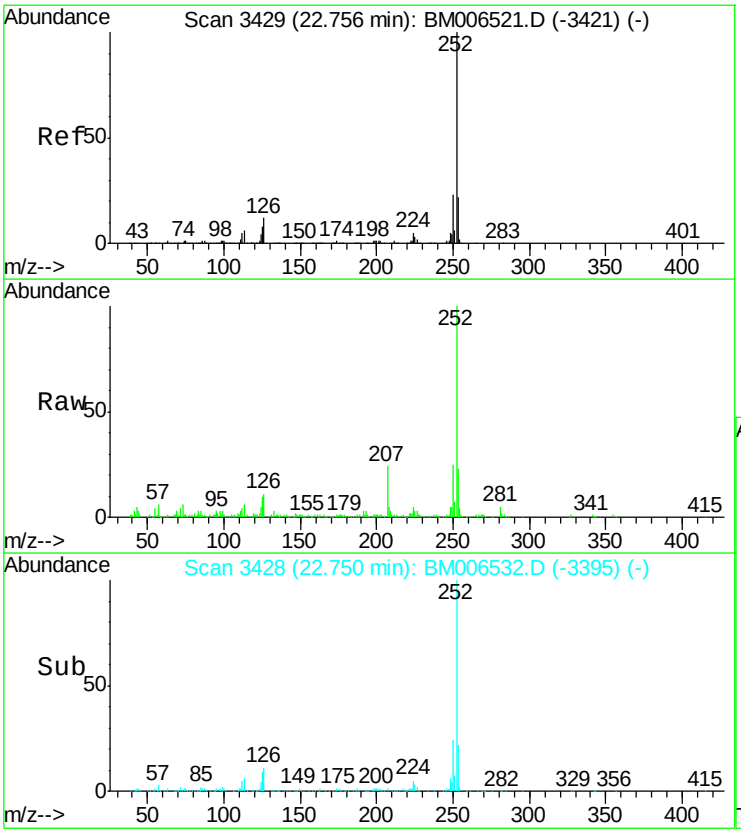
#82
Chrysene
Concen: 3.85 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:228 Resp: 244171

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.3	34.9
229	22.7	15.8	23.8

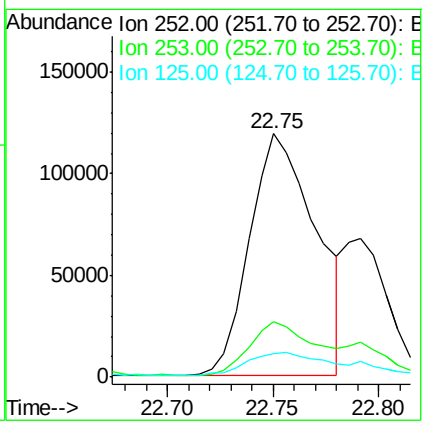


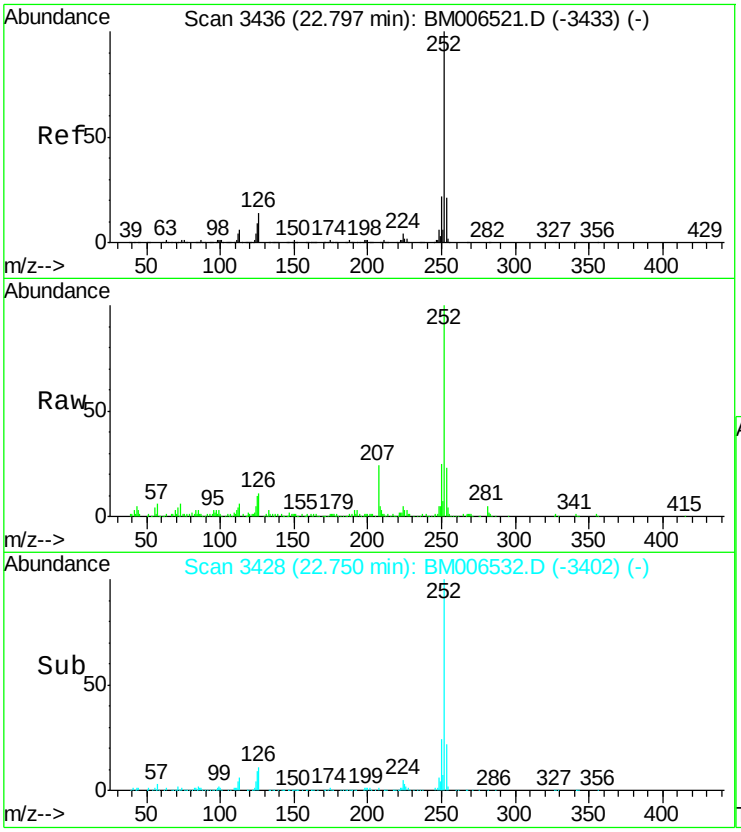


#85
Benzo(b)fluoranthene
Concen: 3.62 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:252 Resp: 259857

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.8	6.7	10.1



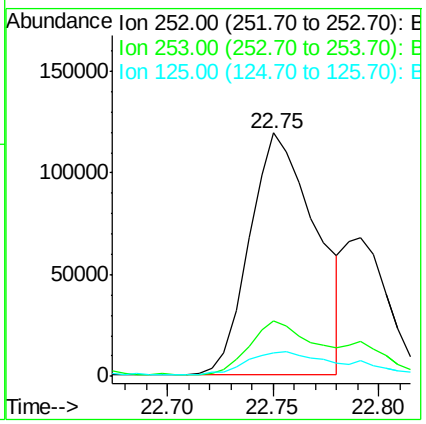


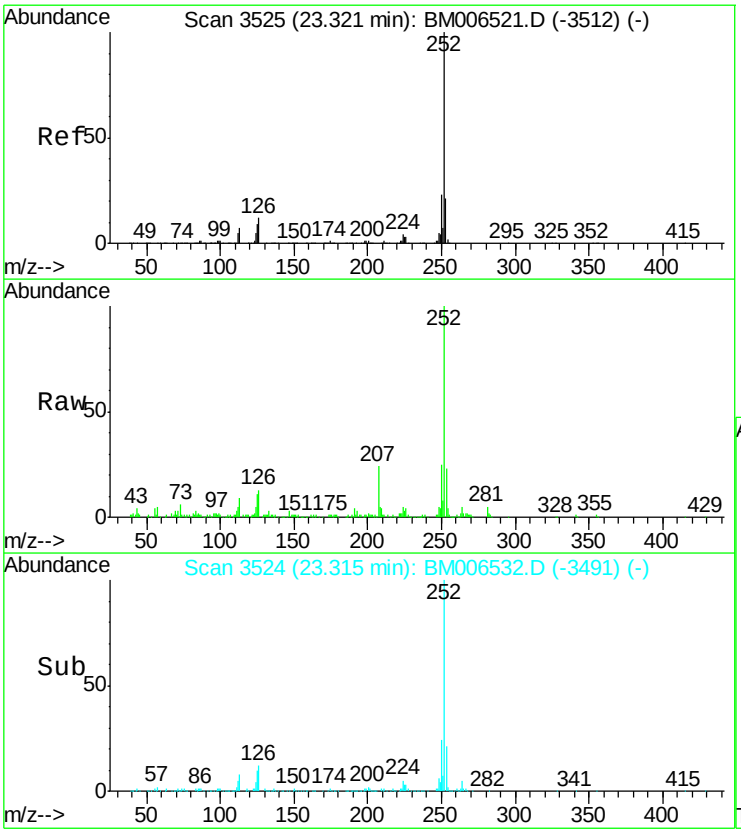
#86
Benzo(k)fluoranthene
Concen: 3.85 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:252 Resp: 259857

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.8	7.0	10.4

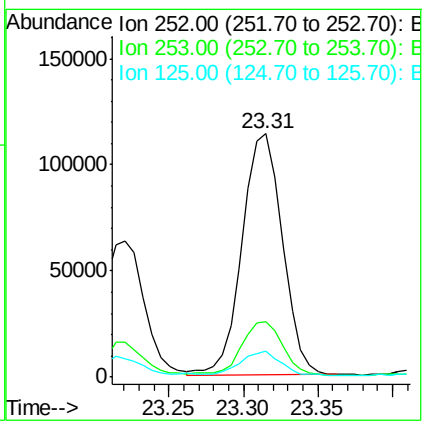


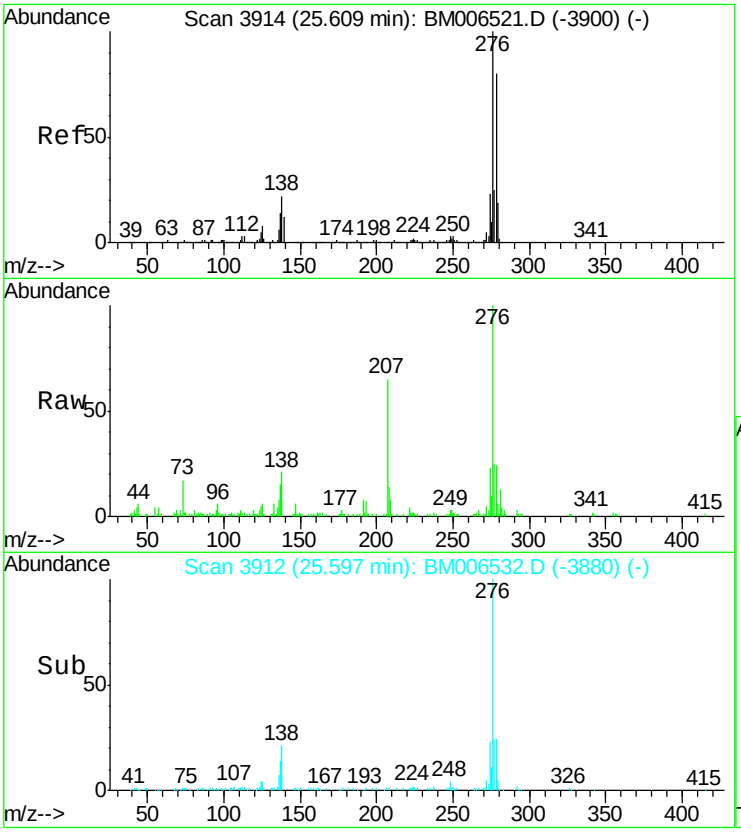


#88
Benzo(a)pyrene
Concen: 3.10 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:252 Resp: 212856

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	10.6	7.6	11.4



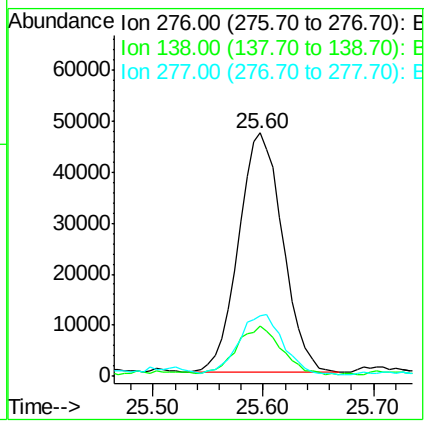


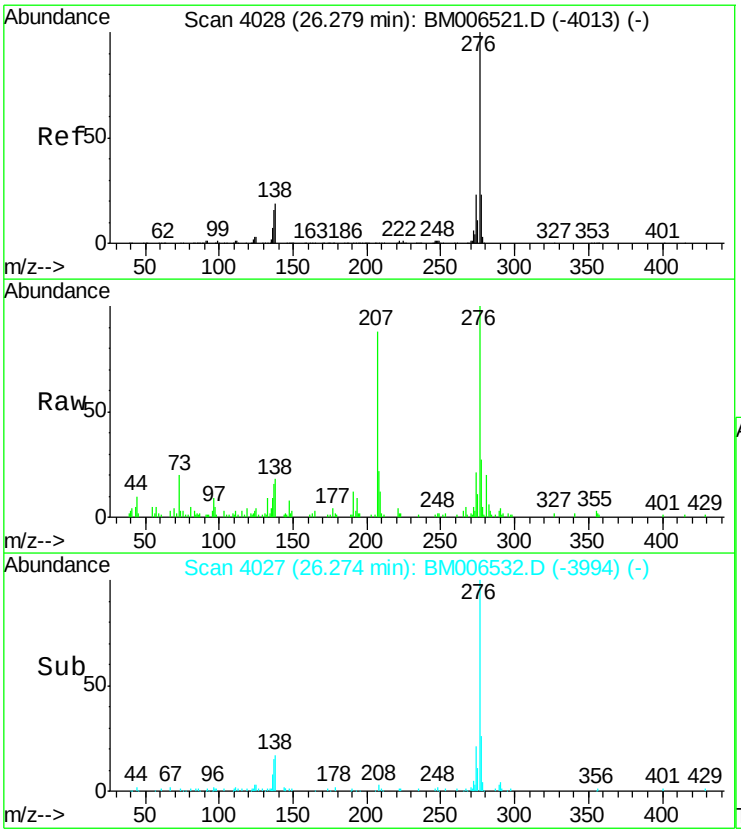
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.64 ng/ul
RT: 25.60 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Instrument :
BNA_M
ClientSampleId :
BDJA6

Tgt Ion:276 Resp: 131224

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.8	26.6
277	24.7	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 1.47 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006532.D
Acq: 19 Jul 2016 20:59

Tgt Ion:276 Resp: 103996

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.0	22.4
277	26.6	19.0	28.4