Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 18 07:43:47 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	172310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	742533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	415714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	958455	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1012645	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1149835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7230	1.77	ng/uL	0.00
5) Phenol-d5	6.79	99	319161	22.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	205925	24.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	258318	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	259759	23.15	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	126741	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	138202	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	242095	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	298006	23.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	775791	22.80	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	972073	23.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	97819	16.55	ng/ul	0.00
57) Fluorene-d10	15.26	176	687411	22.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	65286	11.77	ng/ul	0.00
70) Anthracene-d10	17.12	188	1063797	23.48	ng/ul	0.00
76) Pyrene-d10	19.42	212	1167459	25.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1252672	23.82	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.45	128	41875	1.11	ng/ul	98
44) Dimethylphthalate	13.73	163	326843	9.47	ng/ul	99
47) Acenaphthylene	13.99	152	183543	4.19	ng/ul	99
49) Acenaphthene	14.33	153	52300	1.86	ng/ul	95
58) Fluorene	15.32	166	54518	1.66	ng/ul	96
69) Phenanthrene	17.06	178	692480	13.14	ng/ul	100
71) Anthracene	17.15	178	474688	8.76	ng/ul	100
74) Fluoranthene	19.08	202	2596119	42.39	ng/ul	98
77) Pyrene	19.44	202	2189969	36.22	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1572329	25.44	ng/ul	96
82) Chrysene	21.25	228	1364672	23.45	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1827019	26.59	ng/ul	98
86) Benzo(k)fluoranthene	22.76	252	1827019	28.26	ng/ul	98
88) Benzo(a)pyrene	23.32	252	1397057	21.22	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	818123	10.68	ng/ul	96
90) Dibenzo(a,h)anthracene	25.61	278	224359	3.52	ng/ul#	94
91) Benzo(g,h,i)perylene	26.28	276	630266	9.31	ng/ul	99

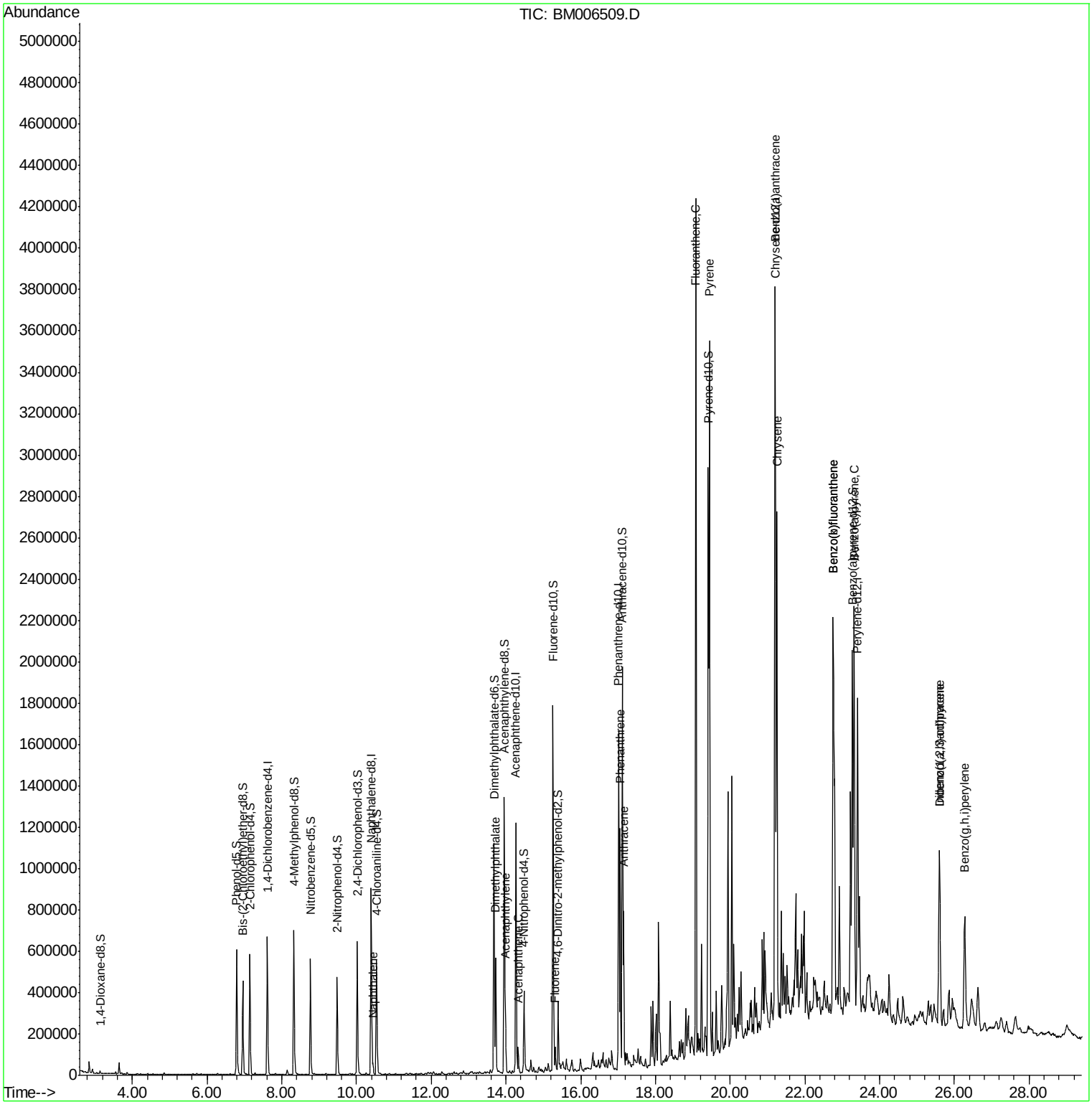
(#) = qualifier out of range (m) = manual integration (+) = signals summed

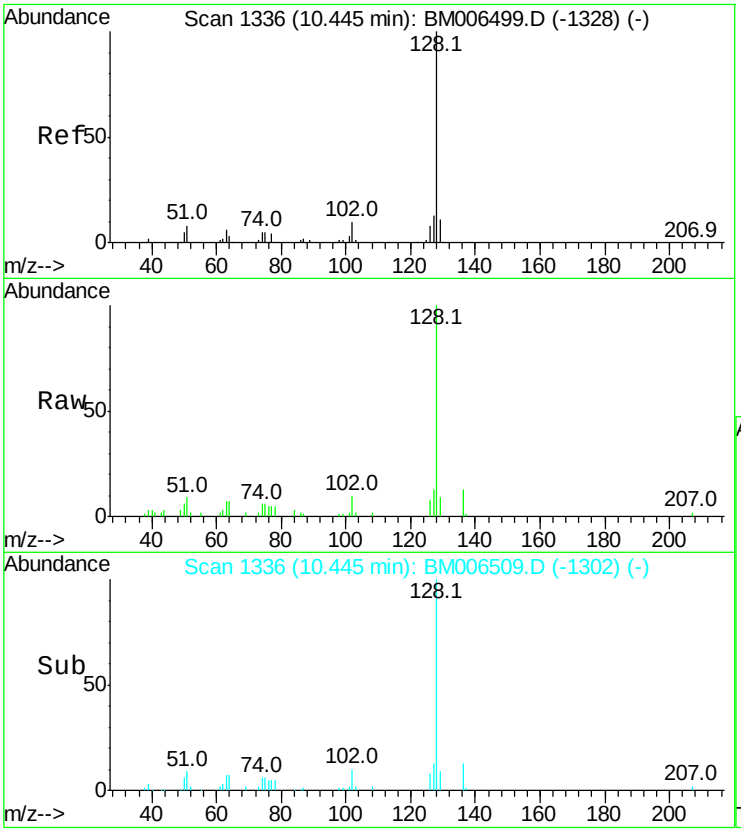
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071616\
Data File : BM006509.D
Acq On : 17 Jul 2016 10:34
Operator : UM/SJ
Sample : H3959-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 18 07:43:47 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration



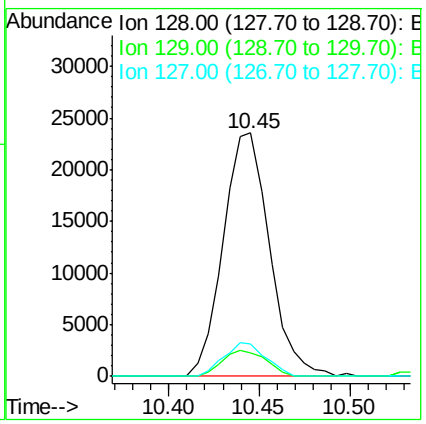


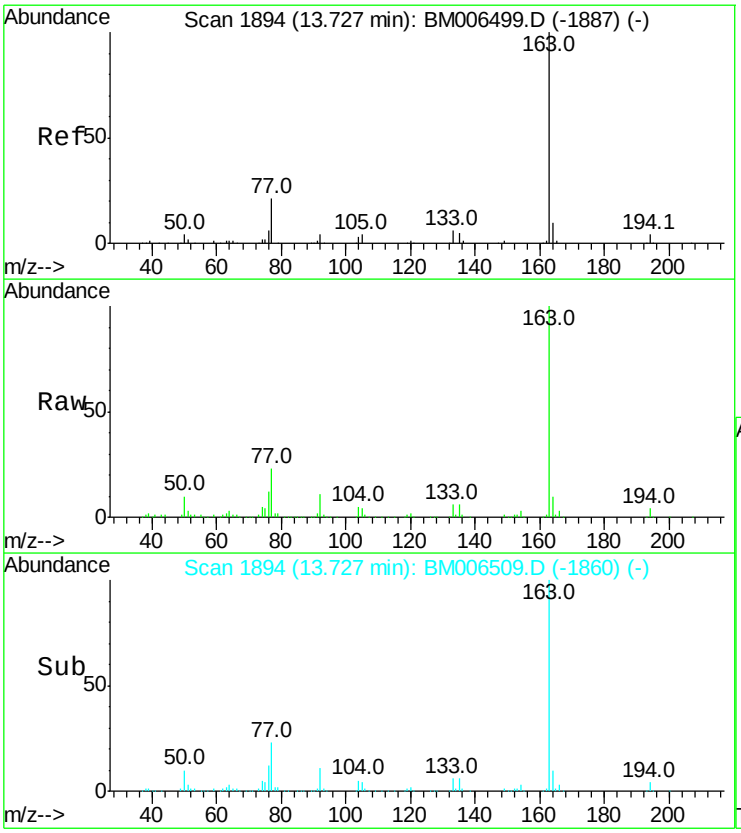
#28
Naphthalene
Concen: 1.11 ng/ul
RT: 10.45 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 41875

Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.6	13.0
127	13.3	10.9	16.3

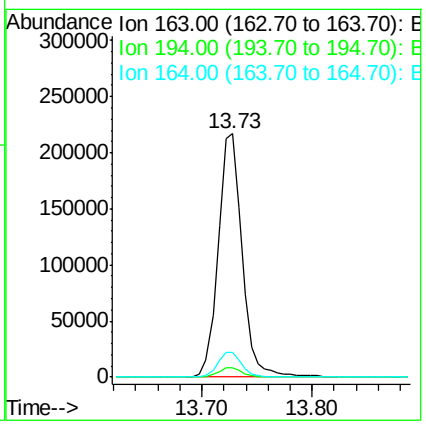


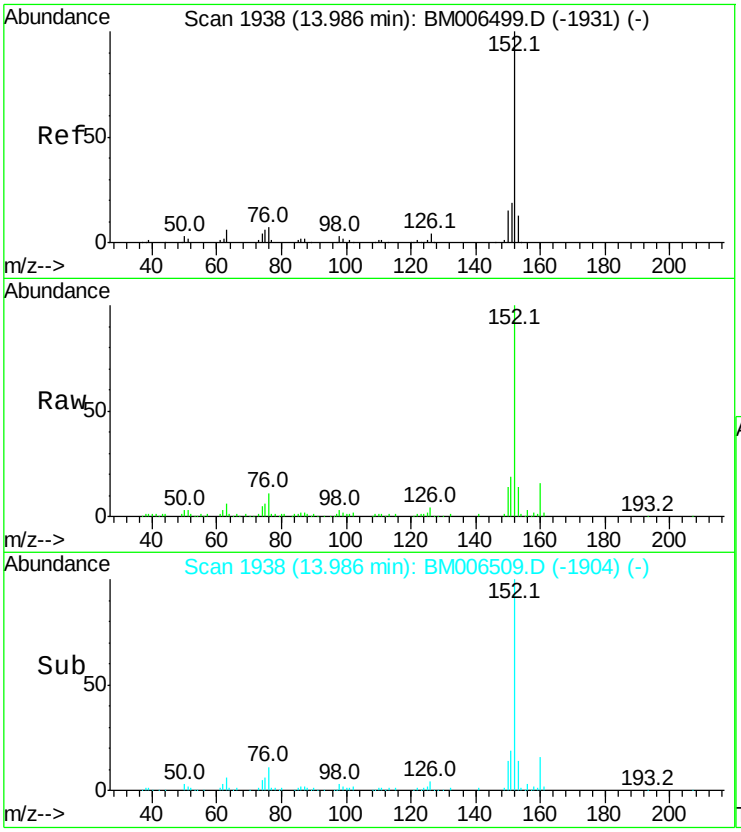


#44
Dimethylphthalate
Concen: 9.47 ng/ul
RT: 13.73 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:163 Resp: 326843

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.2	7.8	11.8



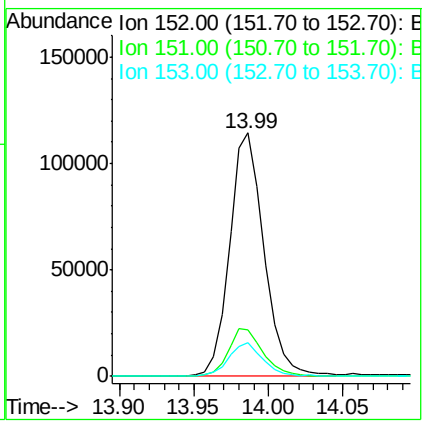


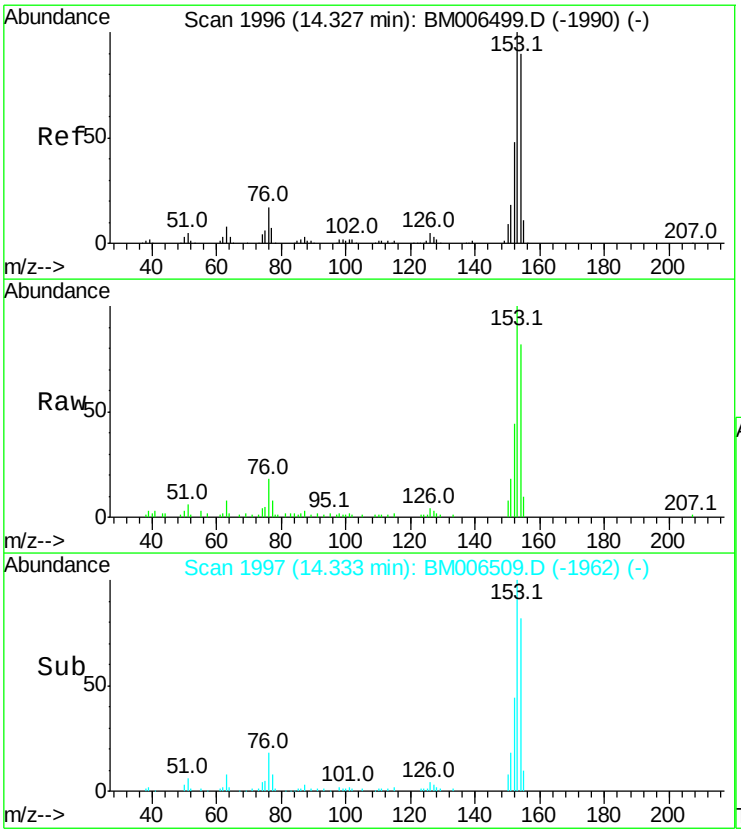
#47
Acenaphthylene
Concen: 4.19 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 183543

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.6	23.4
153	13.6	10.3	15.5

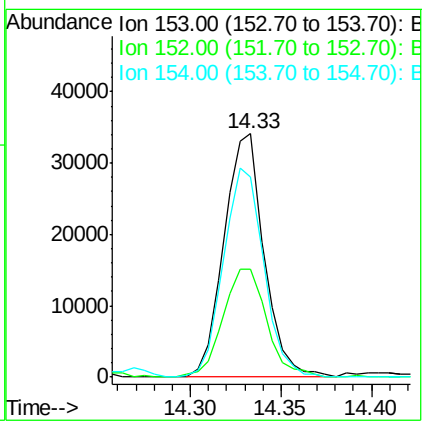


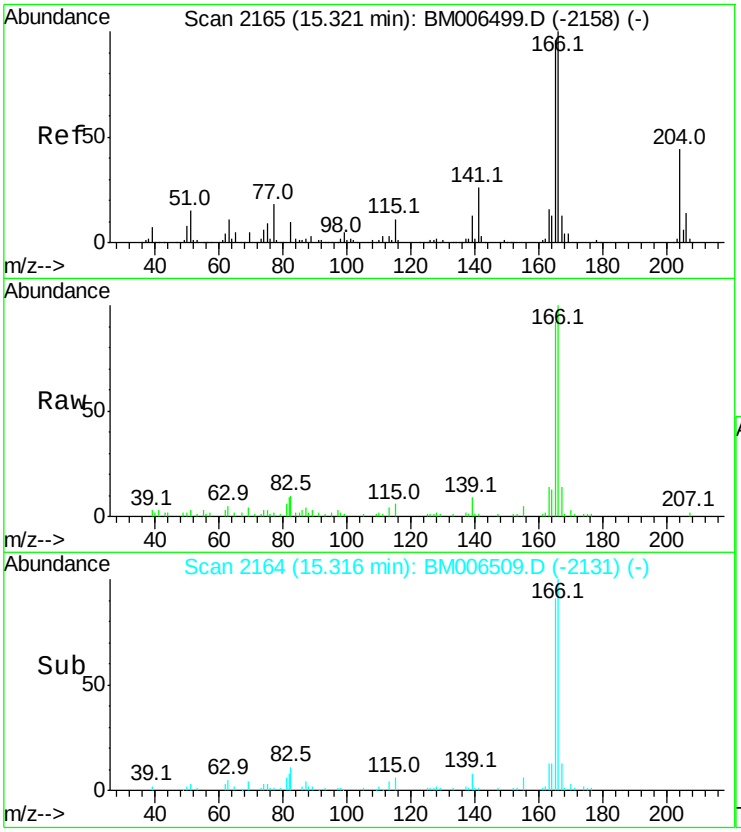


#49
Acenaphthene
Concen: 1.86 ng/ul
RT: 14.33 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:153 Resp: 52300

Ion	Ratio	Lower	Upper
153	100		
152	44.5	37.7	56.5
154	82.0	70.0	105.0



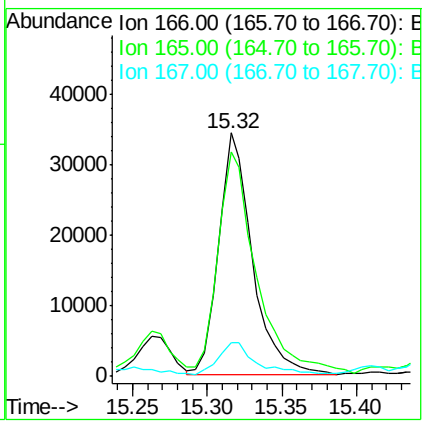


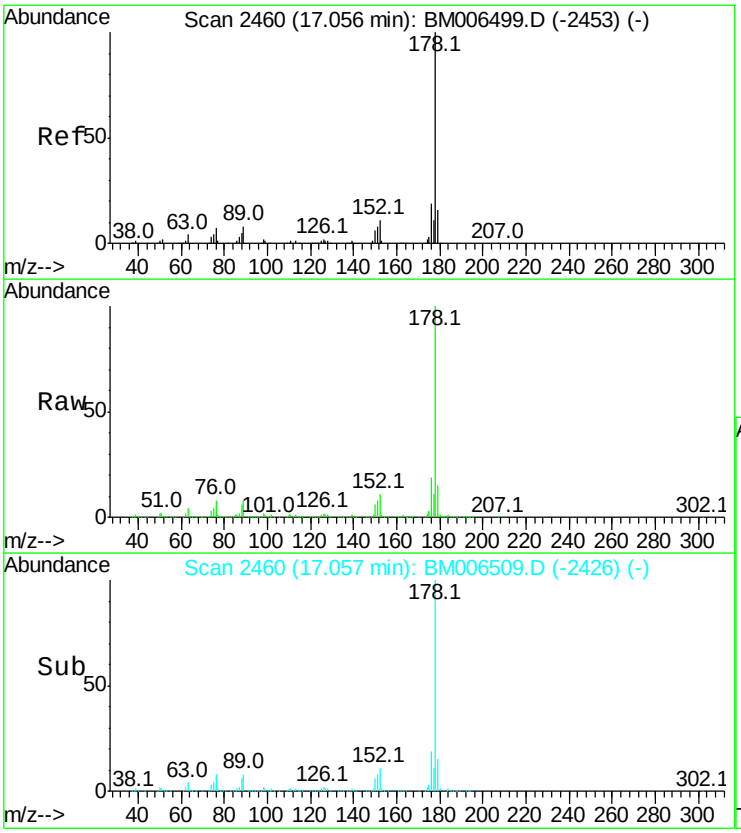
#58
Fluorene
Concen: 1.66 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 54518

Ion	Ratio	Lower	Upper
166	100		
165	92.2	77.5	116.3
167	14.1	10.8	16.2

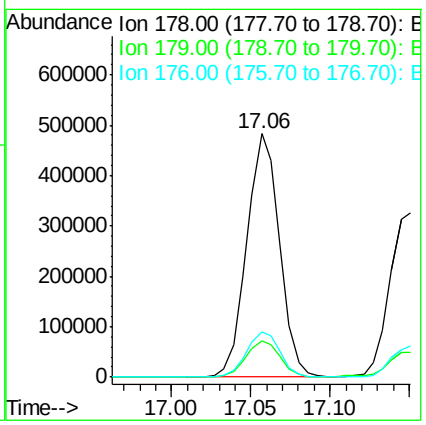


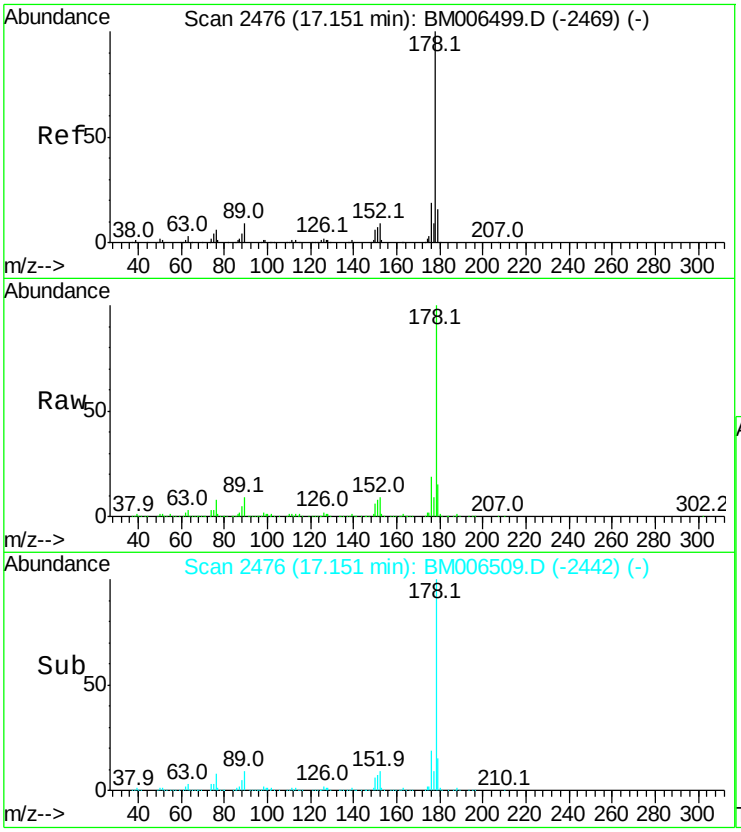


#69
Phenanthrene
Concen: 13.14 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:178 Resp: 692480

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.9	17.9
176	18.7	15.2	22.8



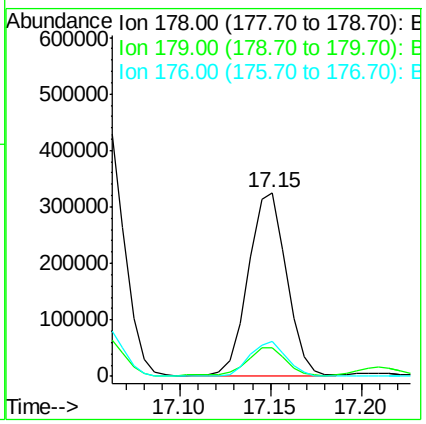


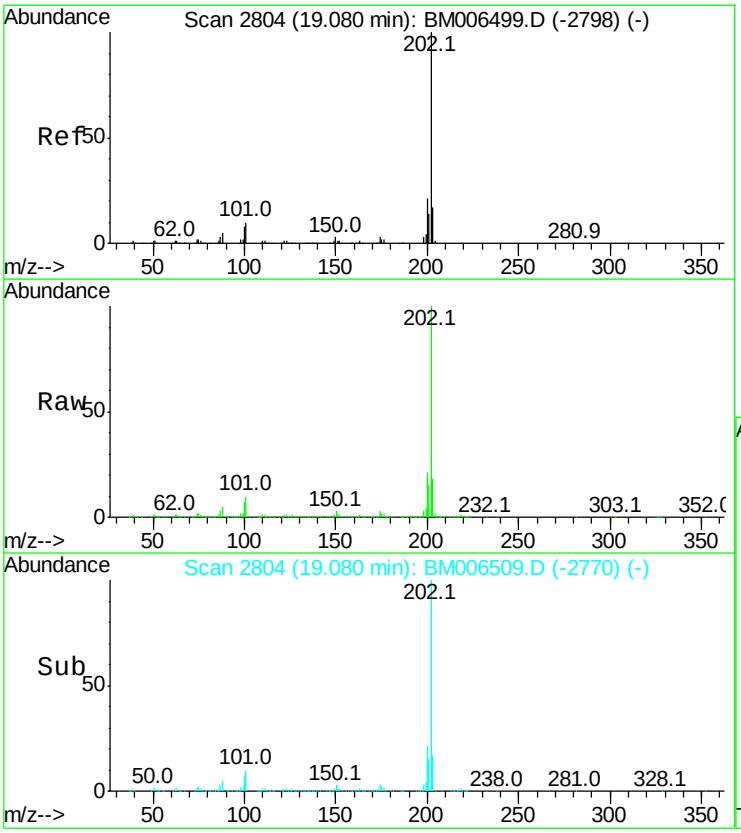
#71
Anthracene
Concen: 8.76 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 474688

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.9	15.0	22.6

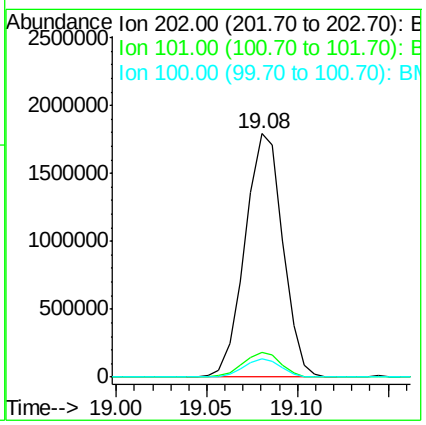


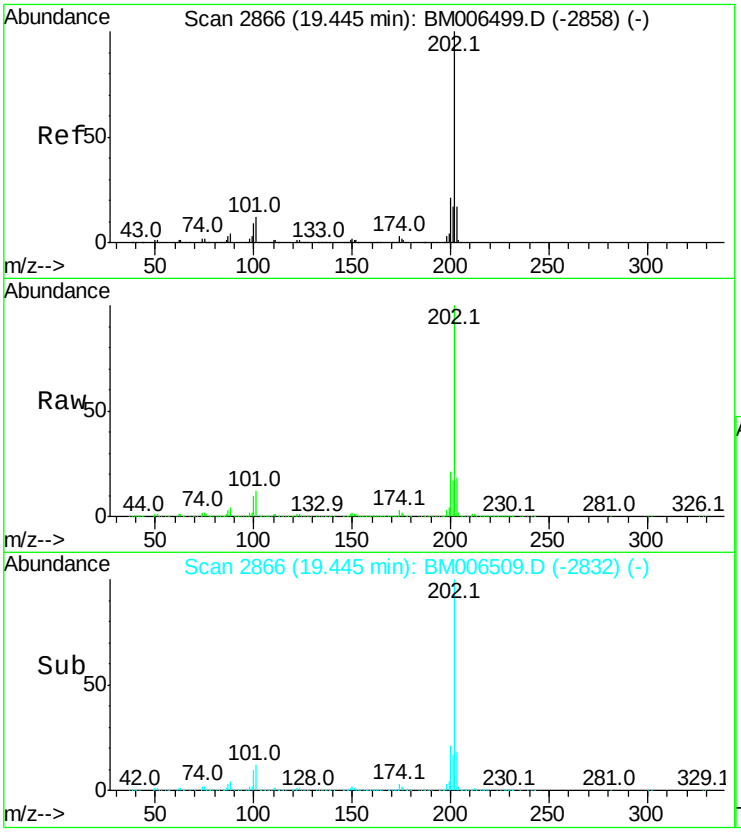


#74
Fluoranthene
Concen: 42.39 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:202 Resp: 2596119

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.6	12.8
100	7.4	6.4	9.6



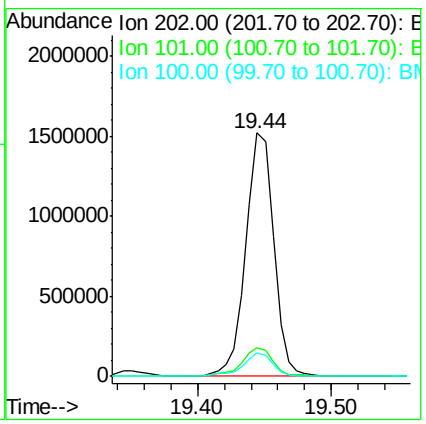


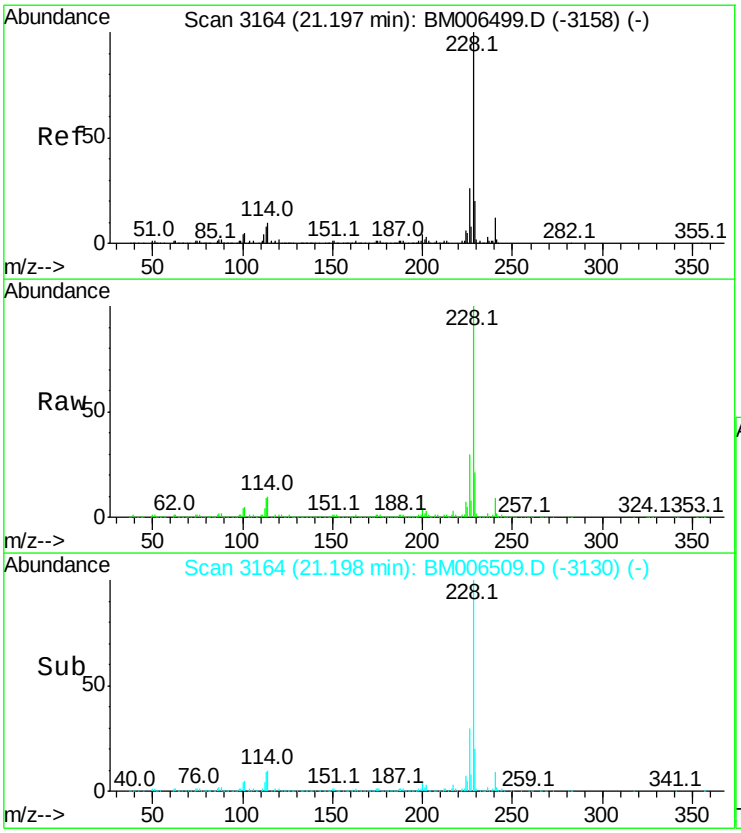
#77
Pyrene
Concen: 36.22 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2189969

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.0	15.0
100	9.6	7.9	11.9

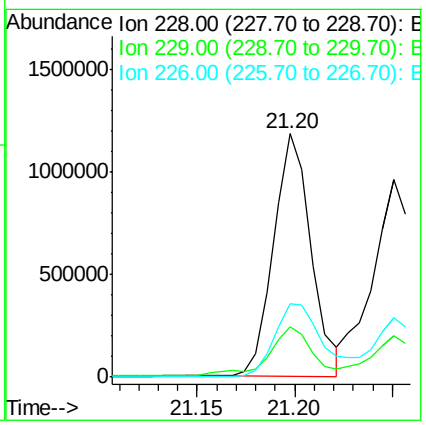


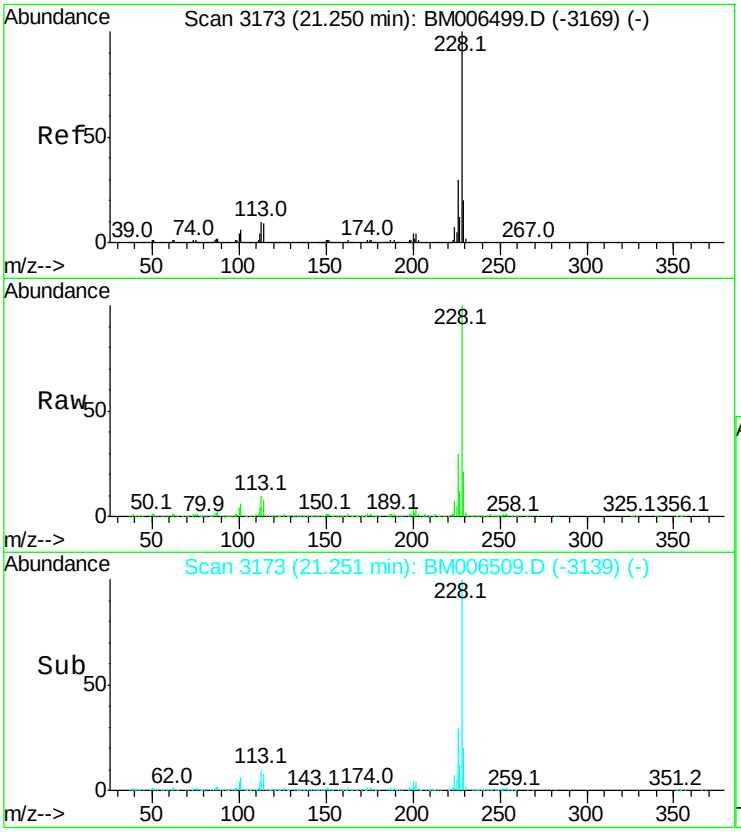


#80
Benzo(a)anthracene
Concen: 25.44 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:228 Resp: 1572329

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	29.9	21.4	32.2



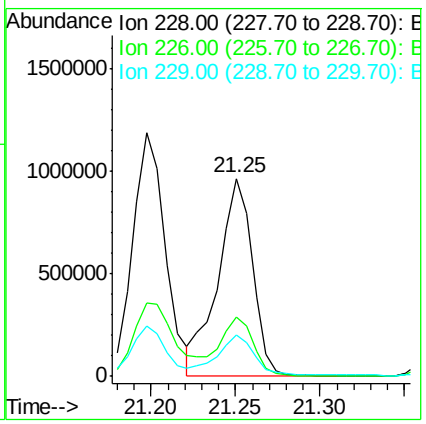


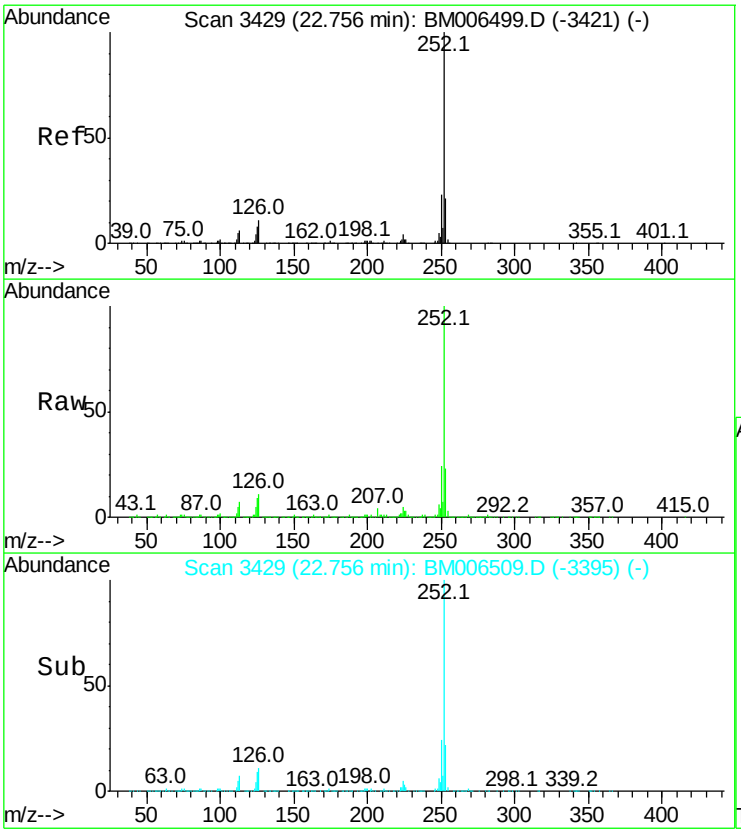
#82
Chrysene
Concen: 23.45 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1364672

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.3	34.9
229	20.9	15.8	23.8

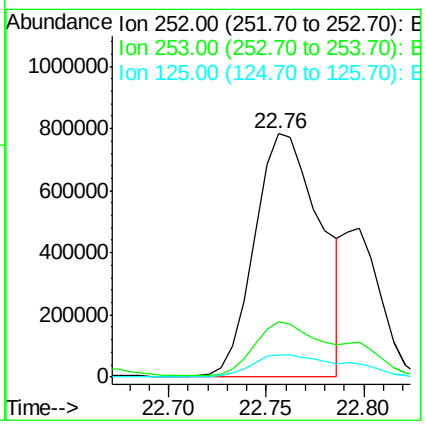


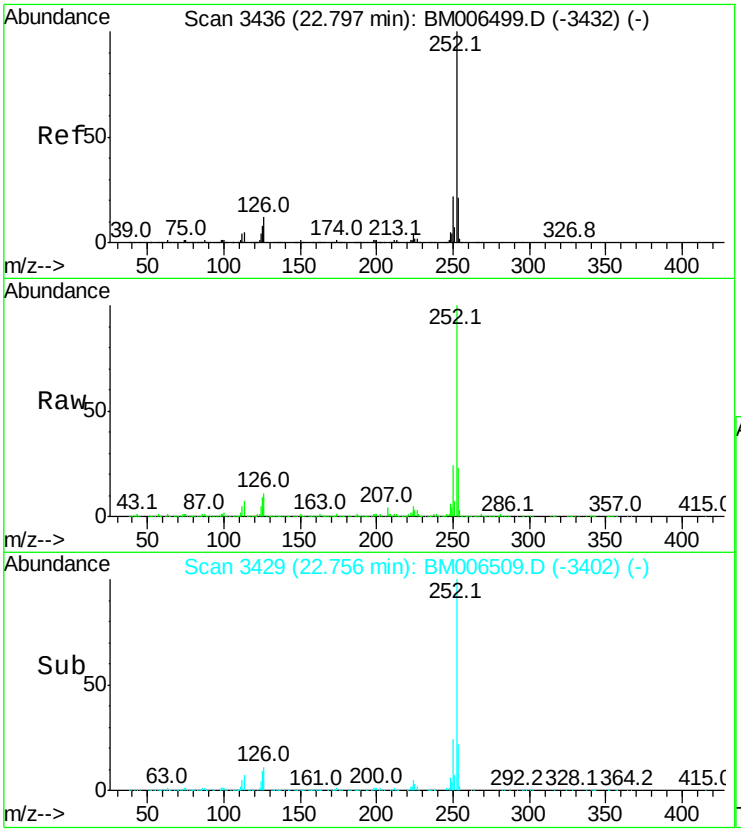


#85
Benzo(b)fluoranthene
Concen: 26.59 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:252 Resp: 1827019

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.2	6.7	10.1



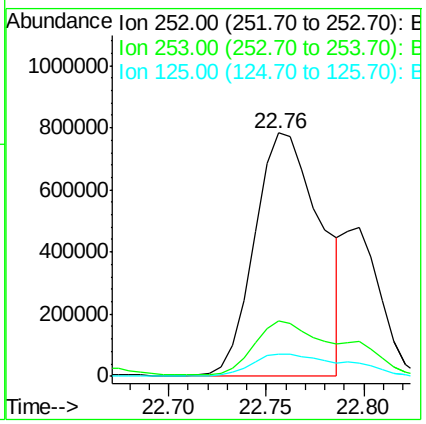


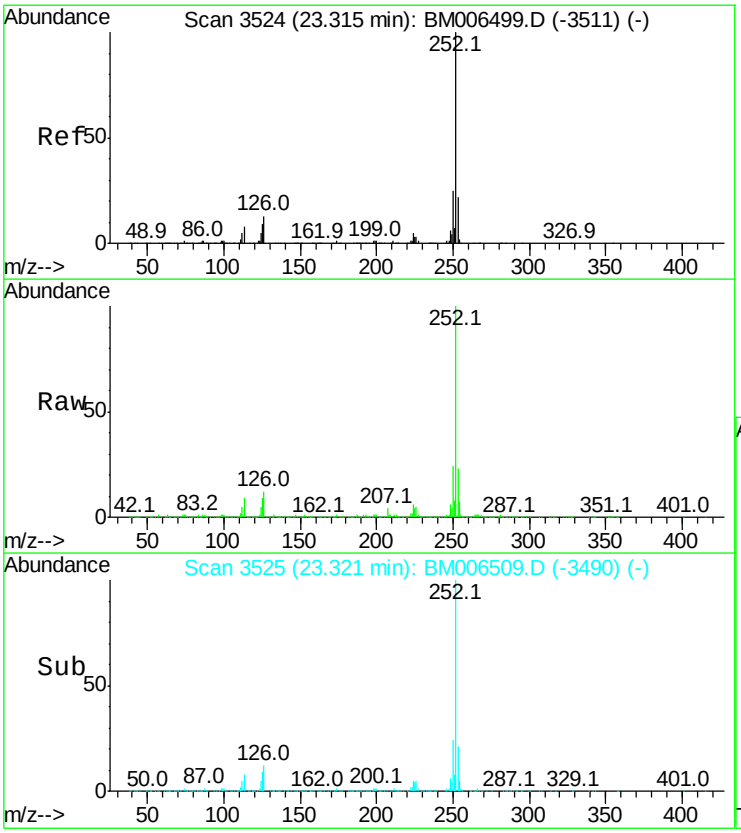
#86
Benzo(k)fluoranthene
Concen: 28.26 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1827019

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	9.2	7.0	10.4

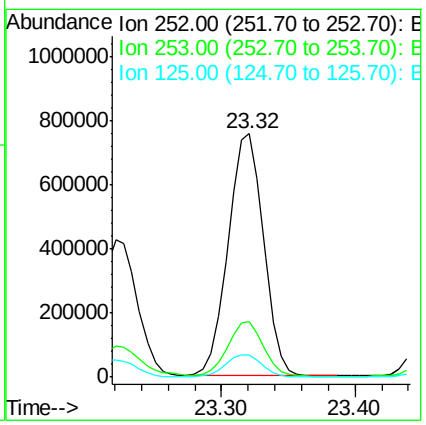


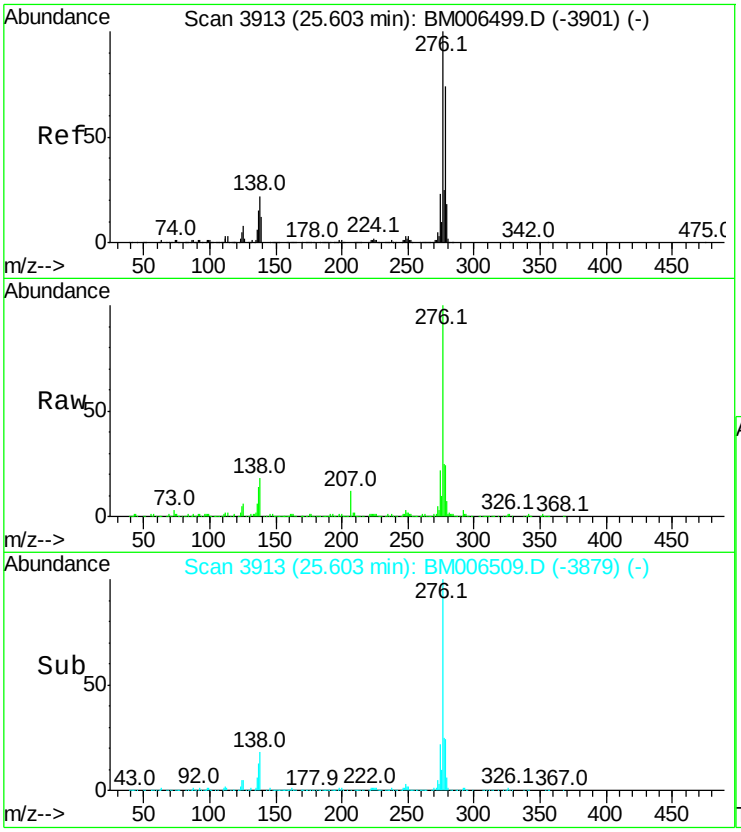


#88
Benzo(a)pyrene
Concen: 21.22 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:252 Resp: 1397057

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.3	7.6	11.4



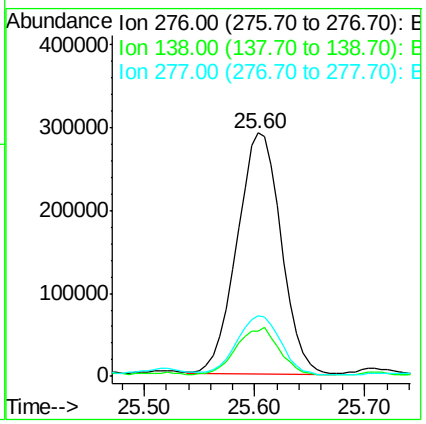


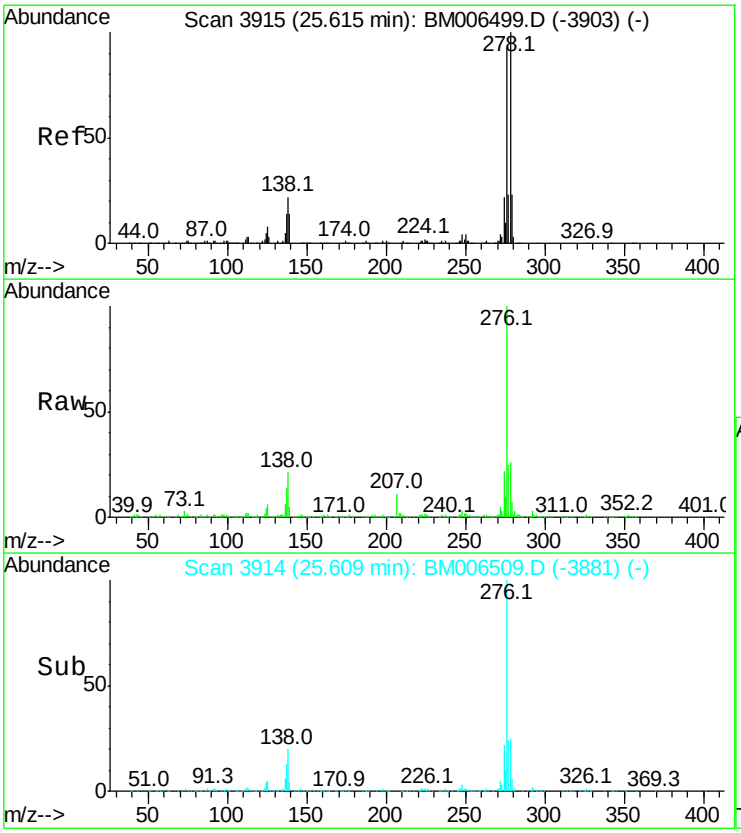
#89
Indeno(1,2,3-cd)pyrene
Concen: 10.68 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 818123

Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.8	26.6
277	24.7	20.1	30.1

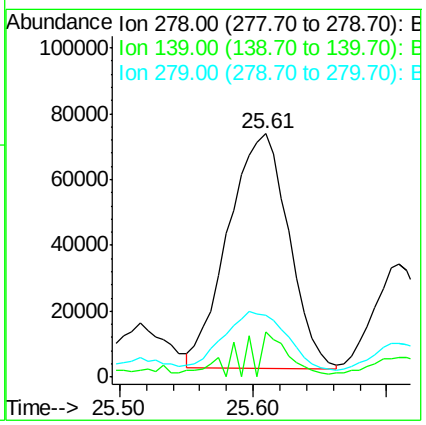


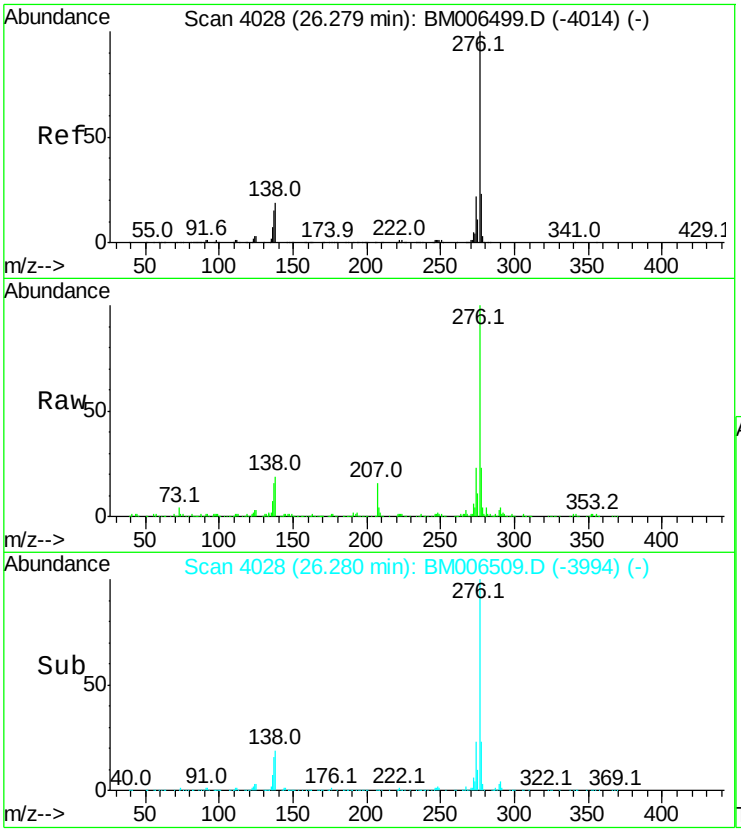


#90
Dibenzo(a,h)anthracene
Concen: 3.52 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Tgt Ion:278 Resp: 224359

Ion	Ratio	Lower	Upper
278	100		
139	18.6	11.7	17.5#
279	25.5	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 9.31 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BM006509.D
Acq: 17 Jul 2016 10:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 630266

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.0	22.4
277	23.5	19.0	28.4