Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050916\
Data File : BM005353.D
Acq On : 09 May 2016 09:58
Operator : UM/SJ
Sample : H2813-14DL 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T5DL

Quant Time: May 10 04:30:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 04:23:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	59952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	286217	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	187084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	446787	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	505689	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	428865	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	1046	0.19	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.11	67	4562	1.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	4810	1.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.50	113	2406	0.54	ng/ul	0.02
19) Nitrobenzene-d5	8.93	128	2242	1.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	2389	1.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	5148	1.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	1067	0.21	ng/ul	0.05
43) Dimethylphthalate-d6	13.82	166	26481	1.77	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	30812	1.75	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	27237	2.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	1167	0.46	ng/ul	0.01
70) Anthracene-d10	17.26	188	42351	2.14	ng/ul	0.00
76) Pyrene-d10	19.56	212	47560	2.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	36882	1.94	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.60	128	592585	41.15	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	112354	10.43	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	37547	2.53	ng/ul	100
49) Acenaphthene	14.47	153	95896	7.82	ng/ul	98
53) Dibenzofuran	14.81	168	114224	6.42	ng/ul	100
58) Fluorene	15.46	166	70663	5.08	ng/ul	98
69) Phenanthrene	17.20	178	174792	7.44	ng/ul	100
72) Carbazole	17.56	167	23921	1.16	ng/ul	99
74) Fluoranthene	19.22	202	27177	1.04	ng/ul	98

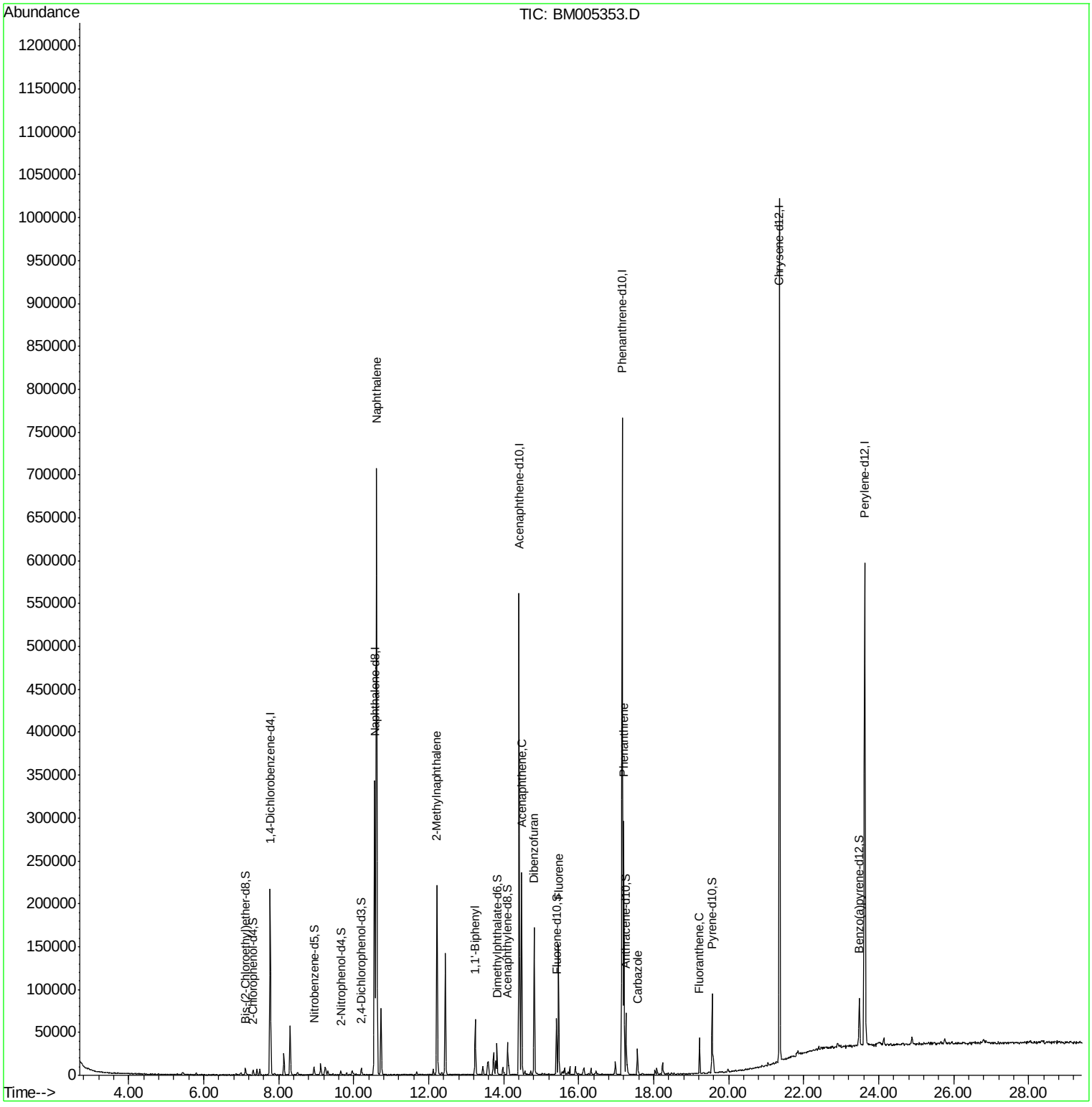
(#) = qualifier out of range (m) = manual integration (+) = signals summed

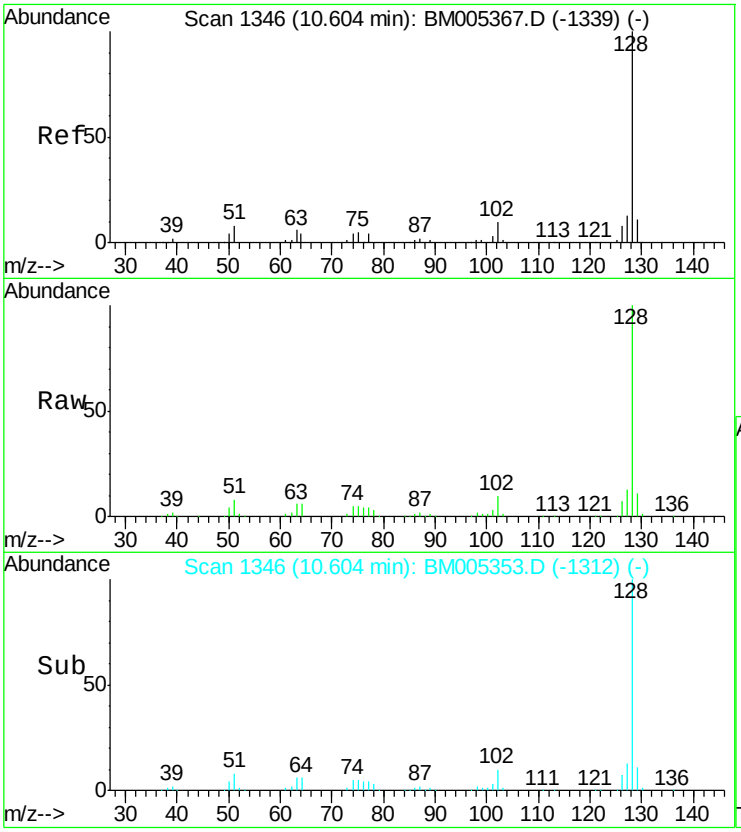
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050916\
Data File : BM005353.D
Acq On : 09 May 2016 09:58
Operator : UM/SJ
Sample : H2813-14DL 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Quant Time: May 10 04:30:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 04:23:52 2016
Response via : Initial Calibration



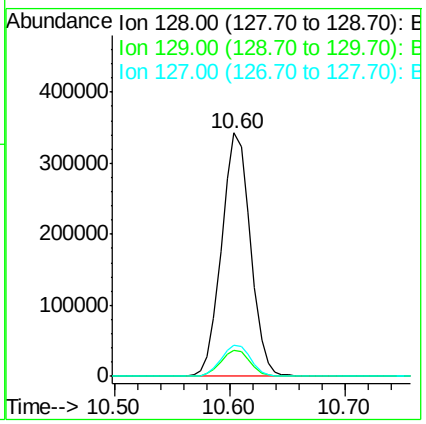


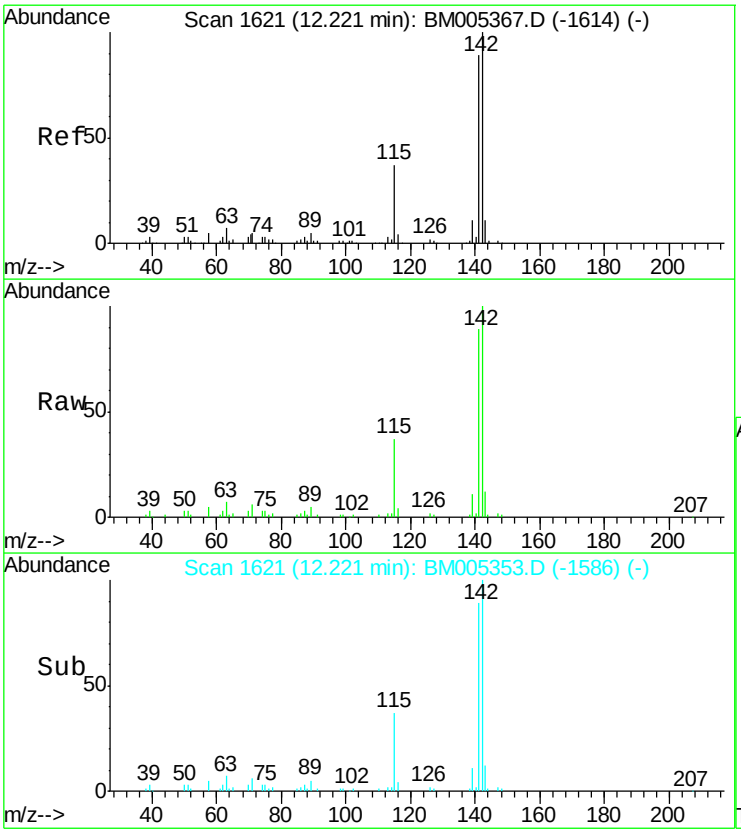
#28
Naphthalene
Concen: 41.15 ng/ul
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Tgt Ion:128 Resp: 592585

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.0	10.8	16.2

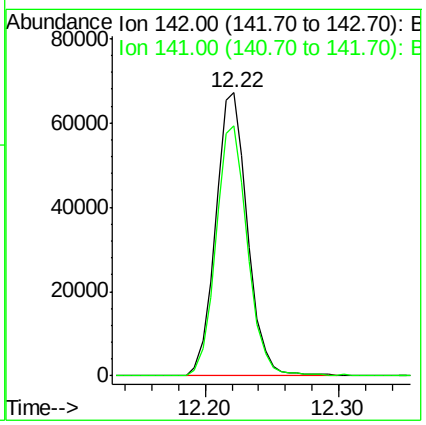


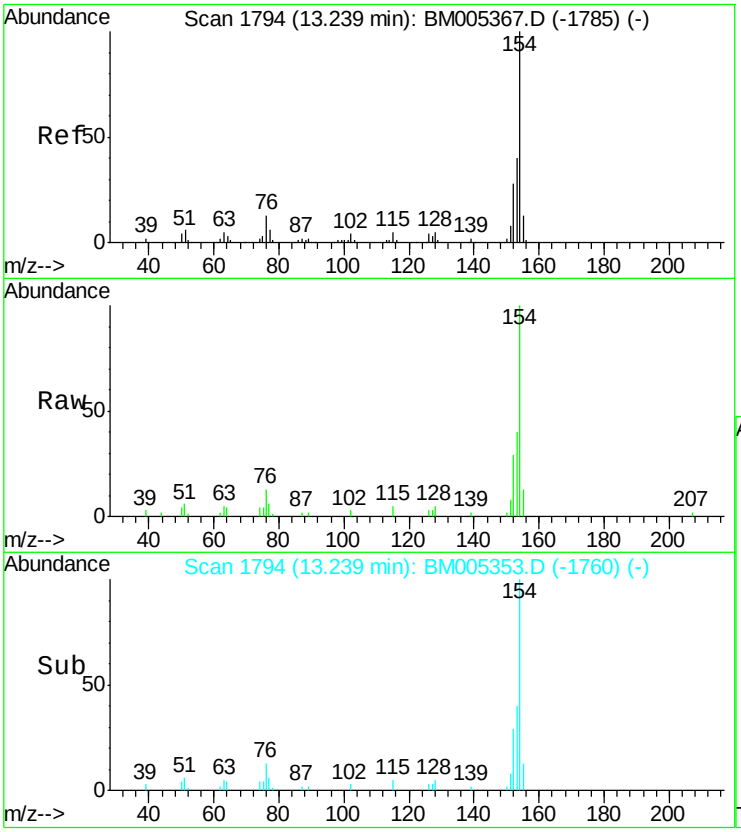


#34
2-Methylnaphthalene
Concen: 10.43 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Tgt Ion:142 Resp: 112354

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9



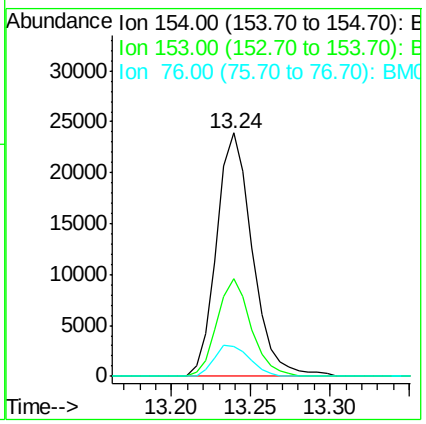


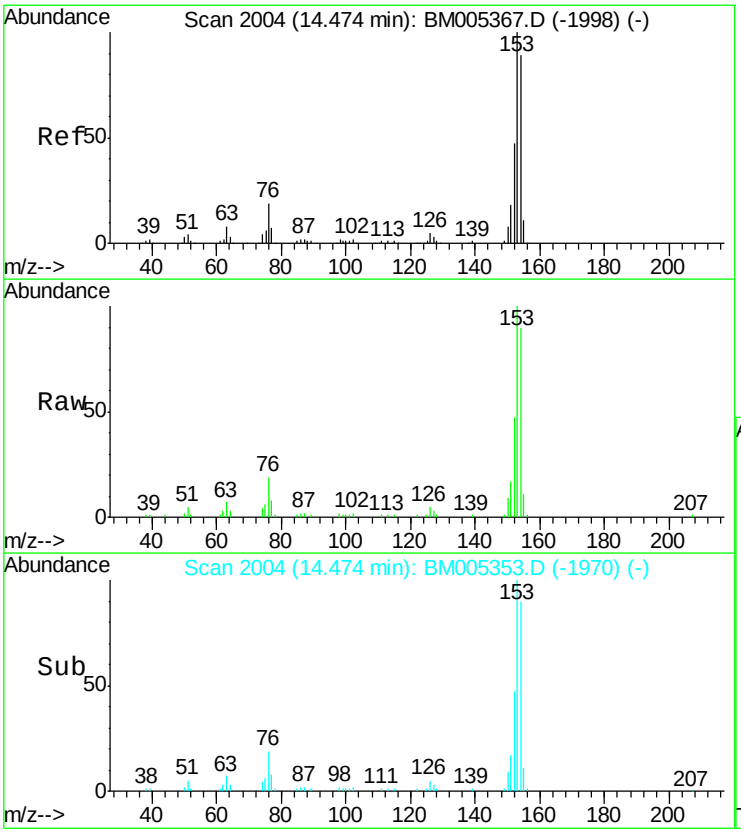
#40
1,1'-Biphenyl
Concen: 2.53 ng/ul
RT: 13.24 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Tgt Ion:154 Resp: 37547

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.1	48.1
76	12.5	10.6	15.8

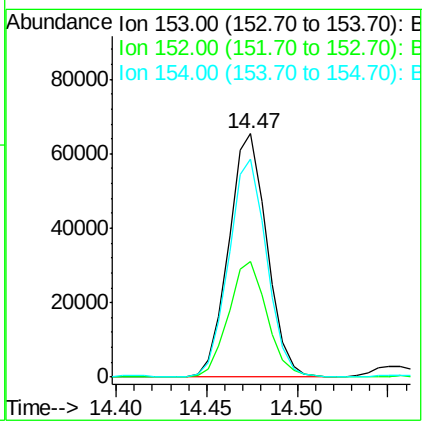


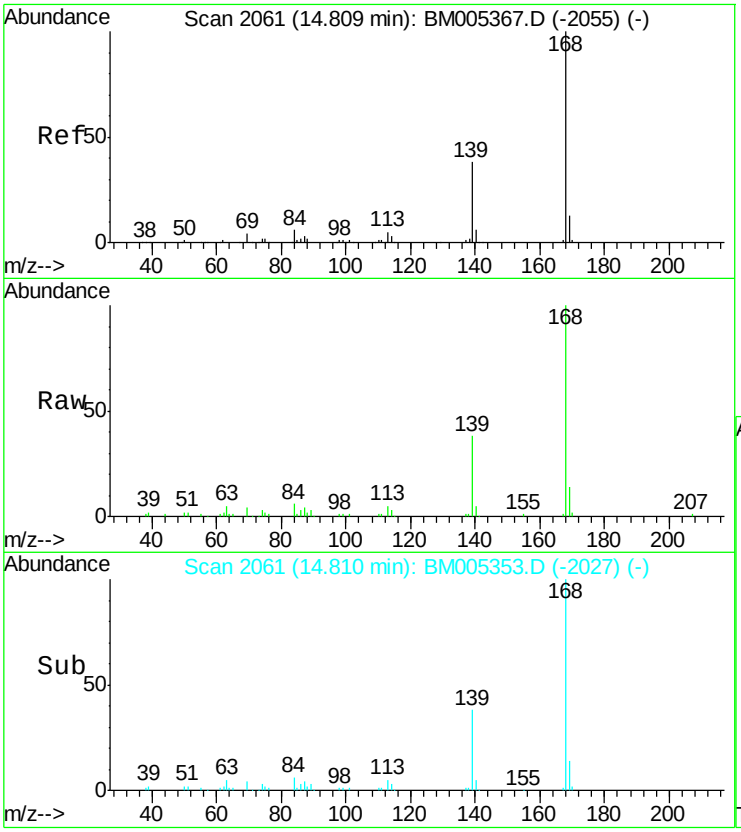


#49
Acenaphthene
Concen: 7.82 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Tgt Ion:153 Resp: 95896

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.9	58.3
154	89.7	70.3	105.5



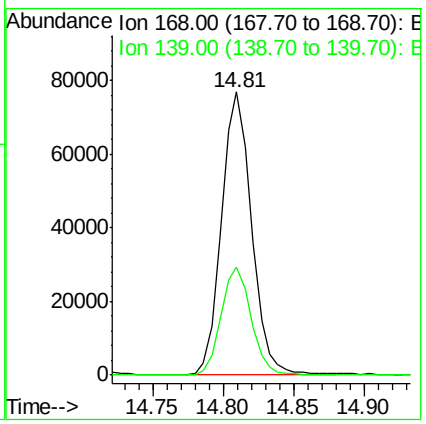


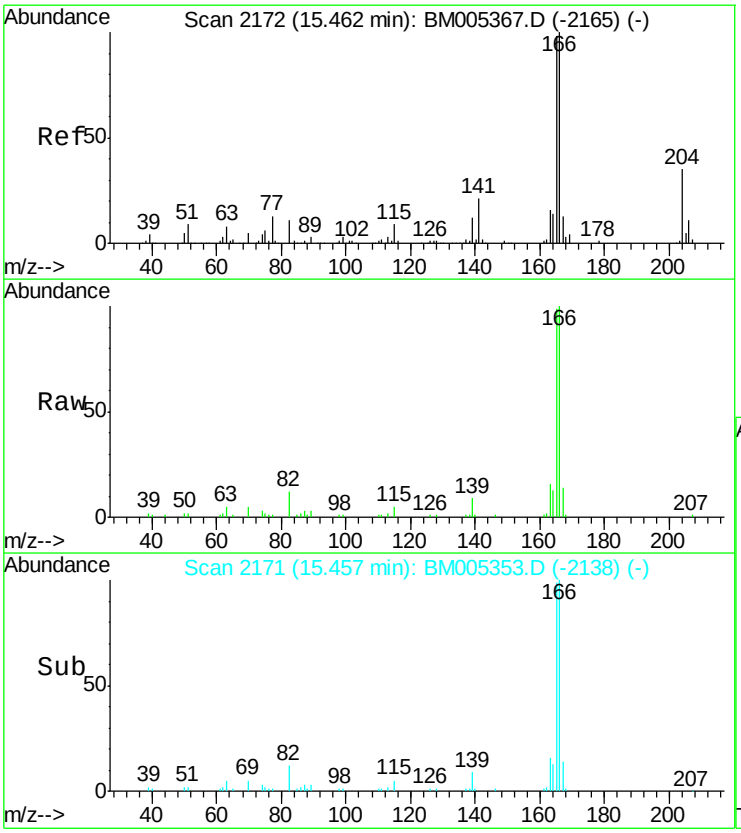
#53
Dibenzofuran
Concen: 6.42 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Tgt Ion:168 Resp: 114224

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.3	45.5

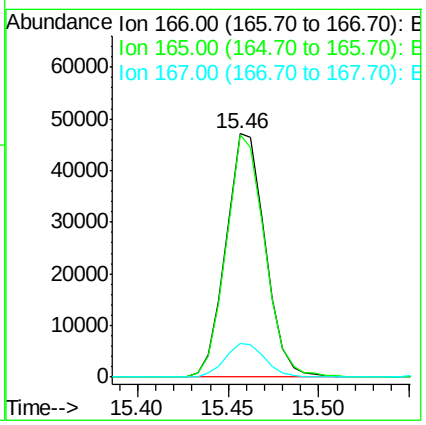


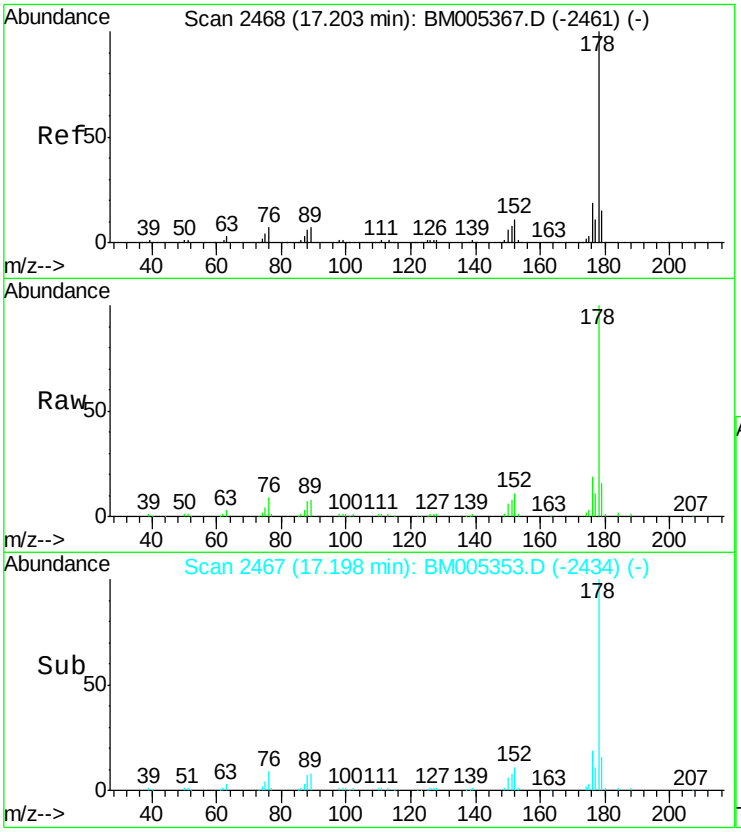


#58
Fluorene
Concen: 5.08 ng/ul
RT: 15.46 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Tgt Ion:166 Resp: 70663

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	14.1	10.6	16.0



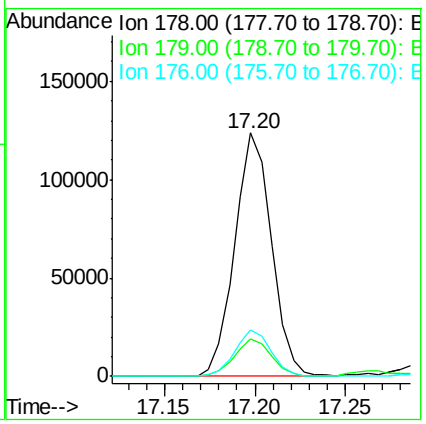


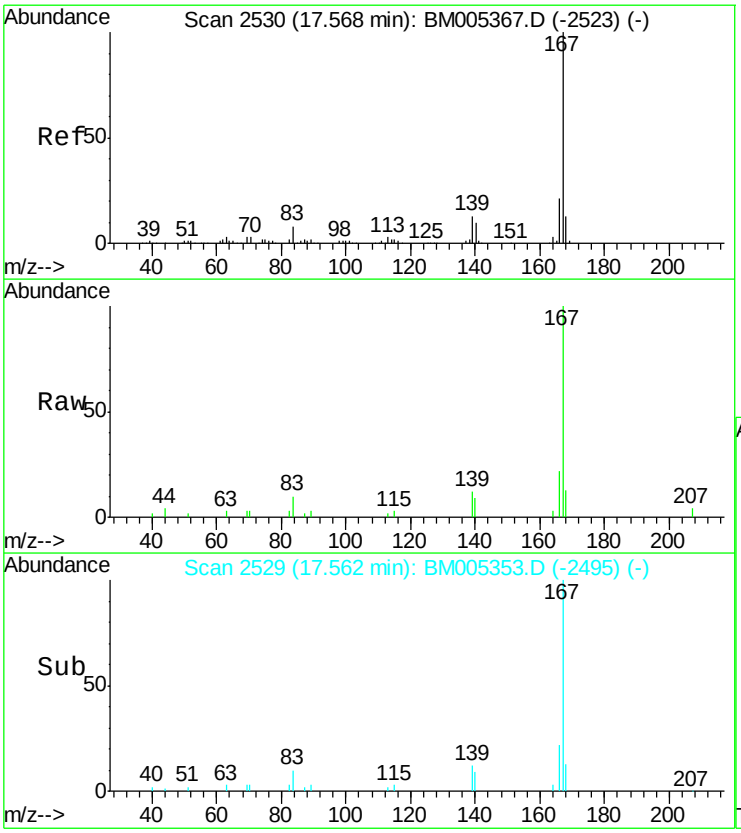
#69
Phenanthrene
Concen: 7.44 ng/ul
RT: 17.20 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Tgt Ion:178 Resp: 174792

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.2	22.8

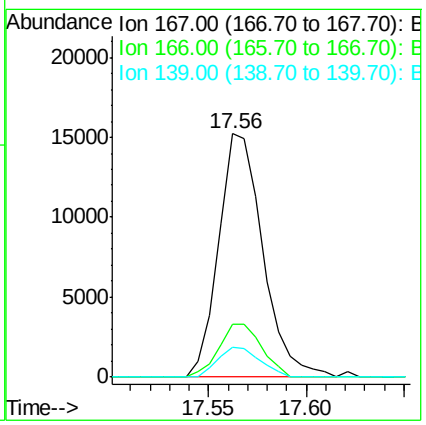


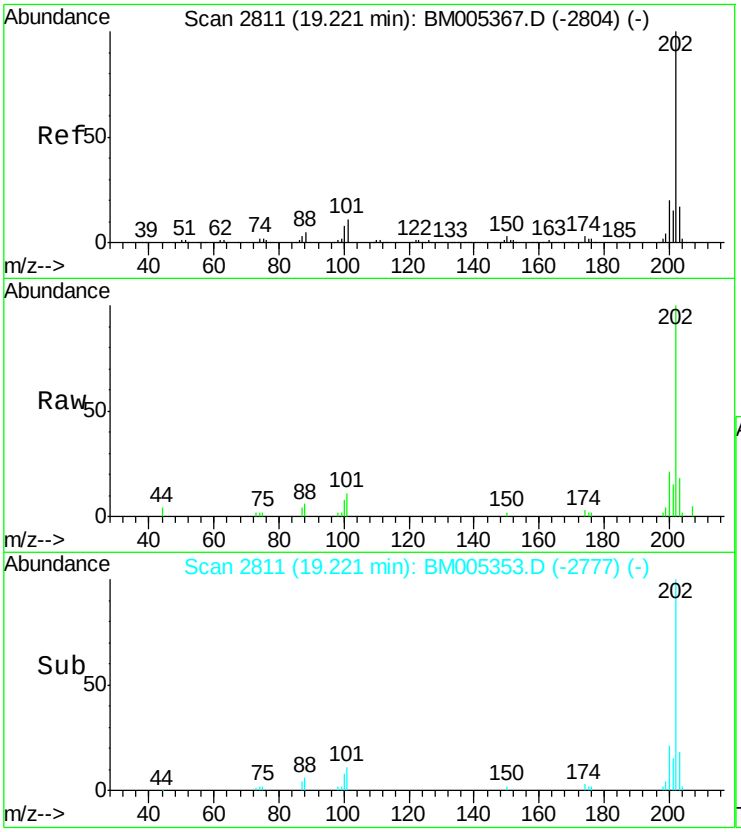


#72
Carbazole
Concen: 1.16 ng/ul
RT: 17.56 min Scan# 2529
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Tgt Ion:167 Resp: 23921

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.4	10.2	15.2





#74
Fluoranthene
Concen: 1.04 ng/ul
RT: 19.22 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM005353.D
Acq: 09 May 2016 09:58

Instrument :
BNA_M
ClientSampleId :
BC7T5DL

Tgt Ion:202 Resp: 27177

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.2	13.8
100	7.8	7.1	10.7